

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
 Data File : VY021375.D
 Acq On : 28 Feb 2025 09:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/03/2025
 Supervised By : Mahesh Dadoda 03/03/2025

Quant Time: Feb 28 22:17:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	170466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	255493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	227302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	113605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	96586	49.947	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.900%		
35) Dibromofluoromethane	7.634	113	89708	53.556	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	107.120%		
50) Toluene-d8	10.109	98	339126	52.386	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	104.780%		
62) 4-Bromofluorobenzene	12.408	95	112745	51.750	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	103.500%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	75054	46.438	ug/l	96
3) Chloromethane	2.074	50	96481	46.223	ug/l	98
4) Vinyl Chloride	2.208	62	105085	51.293	ug/l	97
5) Bromomethane	2.598	94	70059	51.460	ug/l	98
6) Chloroethane	2.739	64	68130	53.626	ug/l	98
7) Trichlorofluoromethane	3.062	101	159574	51.575	ug/l	98
8) Diethyl Ether	3.458	74	45896	49.423	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	87137	48.644	ug/l	99
10) Methyl Iodide	4.007	142	102242	54.252	ug/l	100
11) Tert butyl alcohol	4.860	59	28013	188.331	ug/l	99
12) 1,1-Dichloroethene	3.793	96	82975	48.376	ug/l	96
13) Acrolein	3.647	56	5316	46.638	ug/l	96
14) Allyl chloride	4.391	41	138693	45.608	ug/l	95
15) Acrylonitrile	5.061	53	96955	236.139	ug/l	99
16) Acetone	3.867	43	112372	302.934	ug/l	100
17) Carbon Disulfide	4.110	76	270242	47.448	ug/l	99
18) Methyl Acetate	4.385	43	42108	46.449	ug/l	94
19) Methyl tert-butyl Ether	5.116	73	222369	49.070	ug/l	98
20) Methylene Chloride	4.622	84	93282	46.504	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	93555	49.547	ug/l	93
22) Diisopropyl ether	6.019	45	301755	47.952	ug/l	99
23) Vinyl Acetate	5.964	43	896702	238.456	ug/l	100
24) 1,1-Dichloroethane	5.915	63	171936	48.476	ug/l	99
25) 2-Butanone	6.896	43	141900	253.463	ug/l	94
26) 2,2-Dichloropropane	6.890	77	157120	48.821	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	108215	50.189	ug/l	98
28) Bromochloromethane	7.244	49	78777	50.196	ug/l	97
29) Tetrahydrofuran	7.262	42	83194	227.342	ug/l	97
30) Chloroform	7.421	83	177778	49.466	ug/l	100
31) Cyclohexane	7.707	56	147922	43.387	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	162031	49.532	ug/l	99
36) 1,1-Dichloropropene	7.835	75	127843	50.810	ug/l	99
37) Ethyl Acetate	6.982	43	59548	47.578	ug/l	100
38) Carbon Tetrachloride	7.817	117	147719	52.223	ug/l	99
39) Methylcyclohexane	9.109	83	155039	48.718	ug/l	99
40) Benzene	8.079	78	379868	51.073	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
 Data File : VY021375.D
 Acq On : 28 Feb 2025 09:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/03/2025
 Supervised By : Mahesh Dadoda 03/03/2025

Quant Time: Feb 28 22:17:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	34886	49.854	ug/l	97
42) 1,2-Dichloroethane	8.158	62	111336	52.760	ug/l	100
43) Isopropyl Acetate	8.201	43	117081	48.330	ug/l #	86
44) Trichloroethene	8.866	130	95880	51.489	ug/l	99
45) 1,2-Dichloropropane	9.146	63	90953	50.814	ug/l	99
46) Dibromomethane	9.231	93	50657	51.775	ug/l	98
47) Bromodichloromethane	9.426	83	137097	52.552	ug/l	97
48) Methyl methacrylate	9.225	41	55255	48.776	ug/l	94
49) 1,4-Dioxane	9.231	88	10744	987.591	ug/l	91
51) 4-Methyl-2-Pentanone	10.000	43	309430	249.526	ug/l	100
52) Toluene	10.170	92	243944	52.795	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	124583	52.124	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	144293	51.138	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	64837	50.869	ug/l	97
56) Ethyl methacrylate	10.445	69	91017	51.680	ug/l	99
57) 1,3-Dichloropropane	10.719	76	115030	51.430	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	218026	257.917	ug/l	98
59) 2-Hexanone	10.762	43	214799	263.746	ug/l	99
60) Dibromochloromethane	10.914	129	92375	53.214	ug/l	100
61) 1,2-Dibromoethane	11.018	107	61490	50.958	ug/l	98
64) Tetrachloroethene	10.646	164	89648	52.180	ug/l	95
65) Chlorobenzene	11.444	112	262227	51.394	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	93678	52.434	ug/l	99
67) Ethyl Benzene	11.524	91	463868	51.326	ug/l	100
68) m/p-Xylenes	11.633	106	352476	103.688	ug/l	100
69) o-Xylene	11.957	106	164095	51.528	ug/l	99
70) Styrene	11.975	104	280622	52.962	ug/l	99
71) Bromoform	12.133	173	52761	51.622	ug/l #	98
73) Isopropylbenzene	12.255	105	438599	51.354	ug/l	99
74) N-amyl acetate	12.072	43	105812	48.742	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	74349	49.325	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	48460m	42.616	ug/l	
77) Bromobenzene	12.536	156	103195	51.947	ug/l	95
78) n-propylbenzene	12.597	91	526975	50.847	ug/l	99
79) 2-Chlorotoluene	12.682	91	298498	50.185	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	357472	51.032	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	24043	46.995	ug/l	93
82) 4-Chlorotoluene	12.780	91	306178	49.658	ug/l	99
83) tert-Butylbenzene	12.999	119	314049	49.632	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	354550	50.892	ug/l	99
85) sec-Butylbenzene	13.176	105	460459	49.819	ug/l	100
86) p-Isopropyltoluene	13.292	119	389522	50.472	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	201633	51.311	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	194197	50.025	ug/l	100
89) n-Butylbenzene	13.621	91	364238	50.152	ug/l	99
90) Hexachloroethane	13.883	117	78439	48.657	ug/l	98
91) 1,2-Dichlorobenzene	13.664	146	173292	50.334	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	11525	48.334	ug/l	95
93) 1,2,4-Trichlorobenzene	14.926	180	101991	48.537	ug/l	99
94) Hexachlorobutadiene	15.029	225	65020	49.149	ug/l	99
95) Naphthalene	15.151	128	168433	48.393	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	83821	47.212	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
Data File : VY021375.D
Acq On : 28 Feb 2025 09:44
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

Quant Time: Feb 28 22:17:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

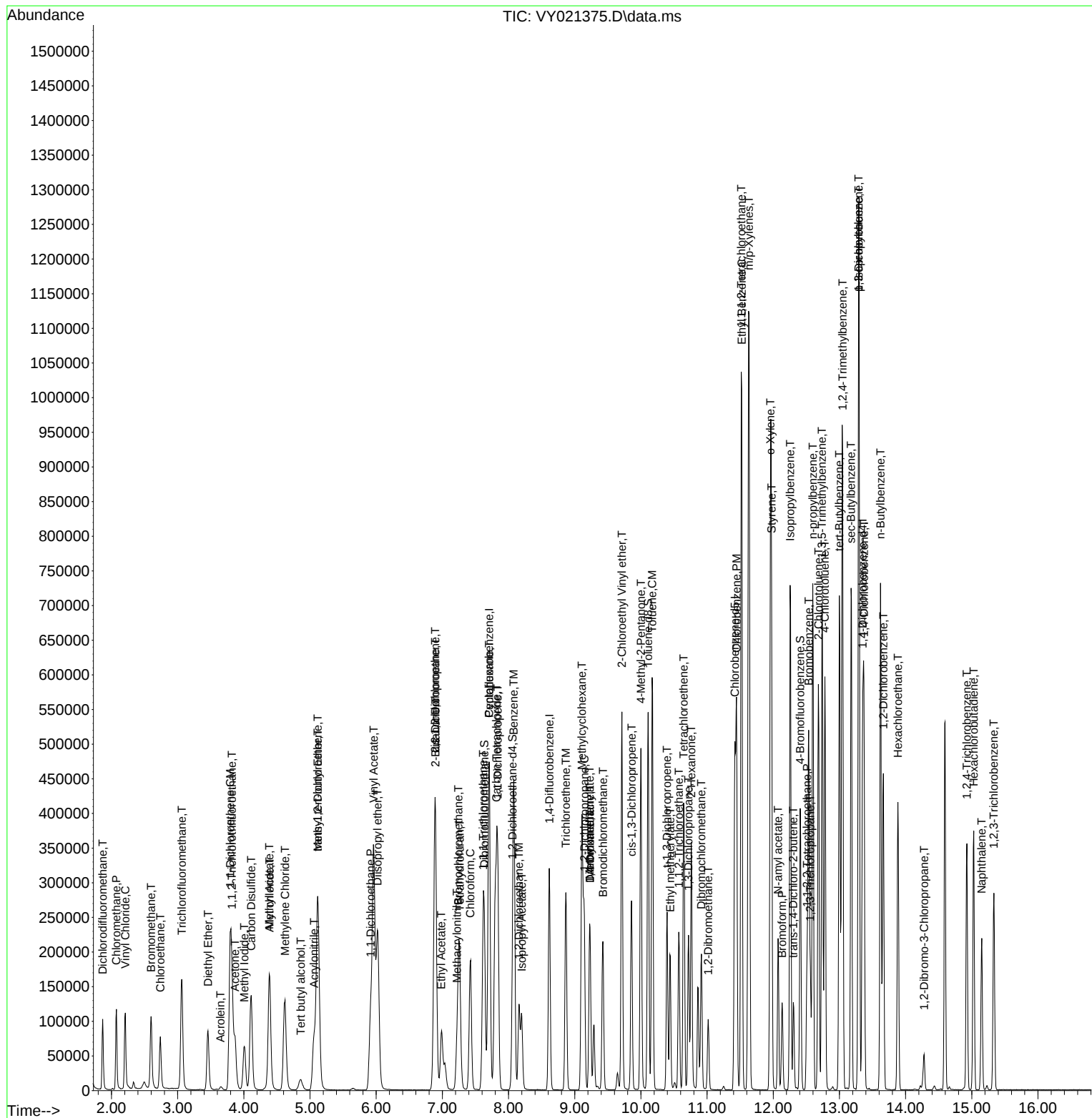
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
Data File : VY021375.D
Acq On : 28 Feb 2025 09:44
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

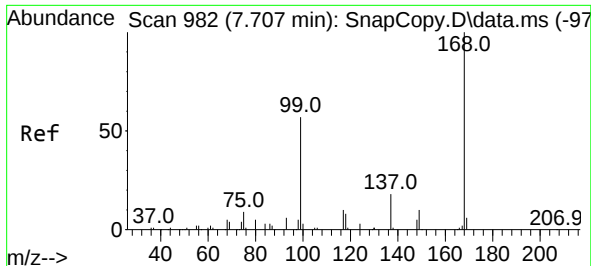
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By : John Carlone 03/03/2025
Supervised By : Mahesh Dadoda 03/03/2025

Quant Time: Feb 28 22:17:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration





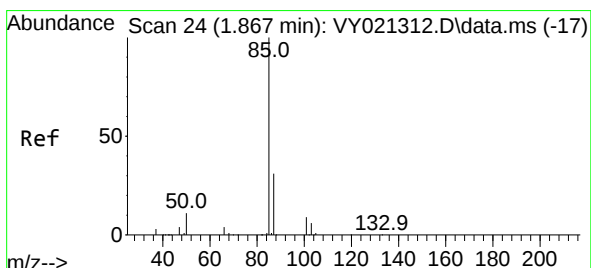
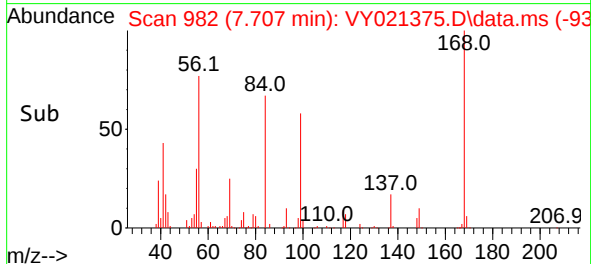
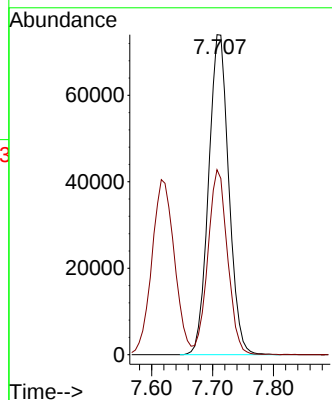
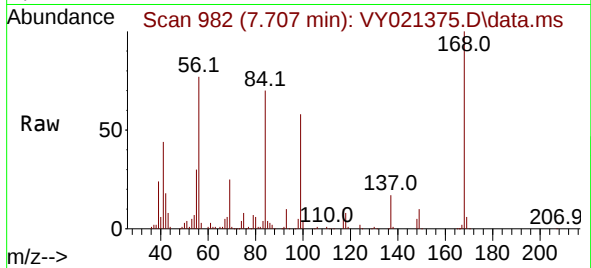
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 170460
Ion Ratio Lower Upper
168 100
99 57.8 47.1 70.7

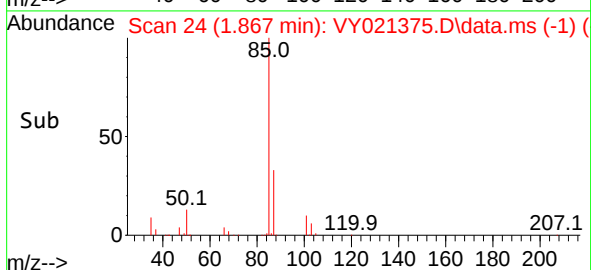
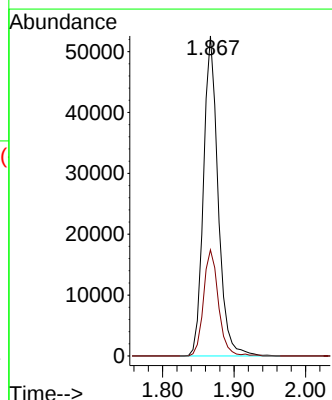
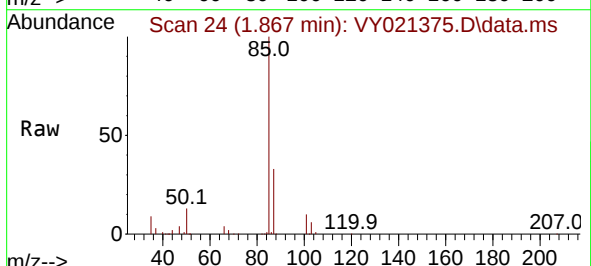
Manual Integrations
APPROVED

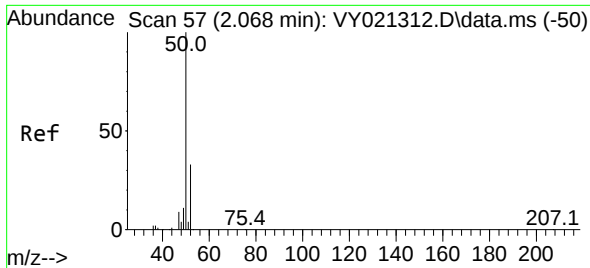
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#2
Dichlorodifluoromethane
Concen: 46.438 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Tgt Ion: 85 Resp: 75054
Ion Ratio Lower Upper
85 100
87 33.2 15.4 46.4





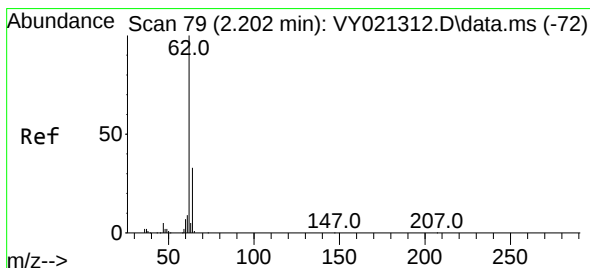
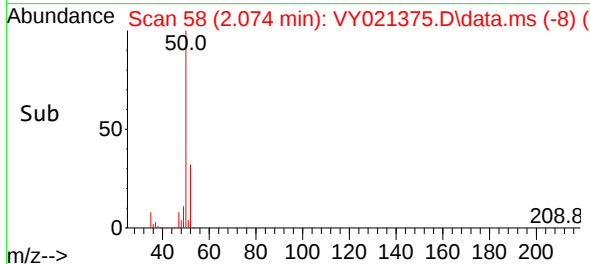
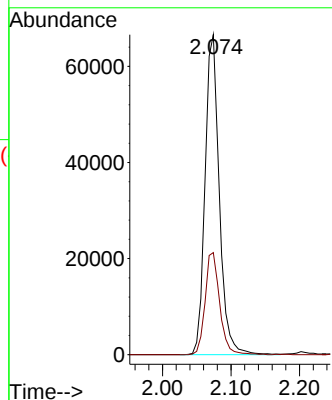
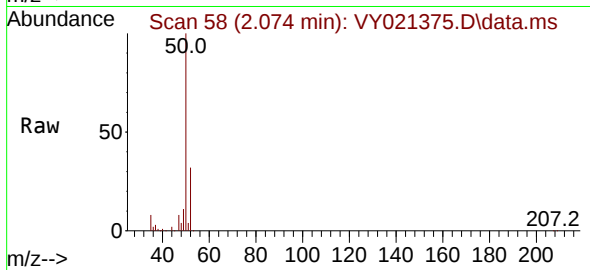
#3
Chloromethane
Concen: 46.223 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 9648
Ion Ratio Lower Upper
50 100
52 31.9 26.6 40.0

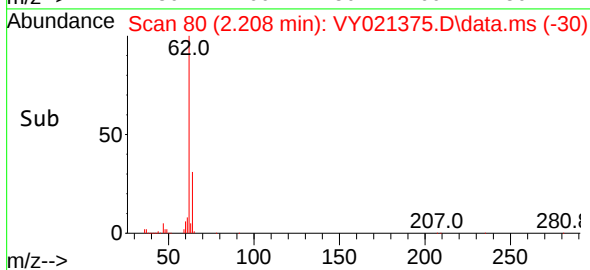
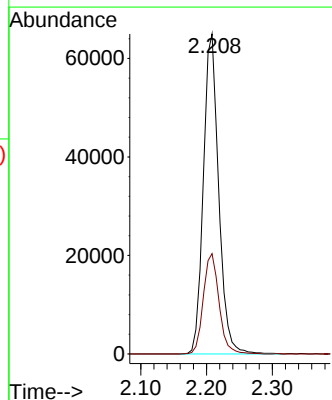
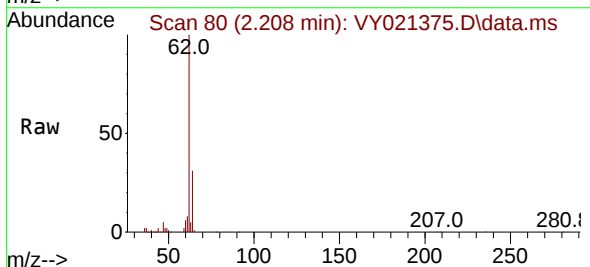
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#4
Vinyl Chloride
Concen: 51.293 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

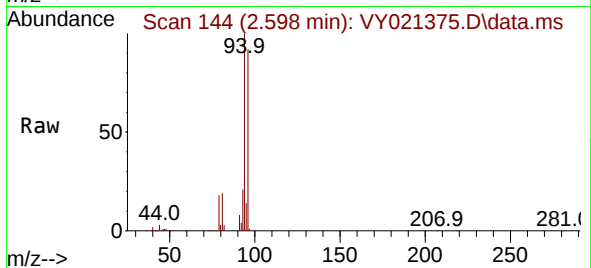
Tgt Ion: 62 Resp: 105085
Ion Ratio Lower Upper
62 100
64 31.4 26.3 39.5





#5
Bromomethane
Concen: 51.460 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

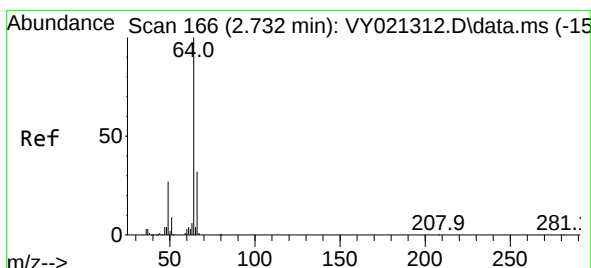
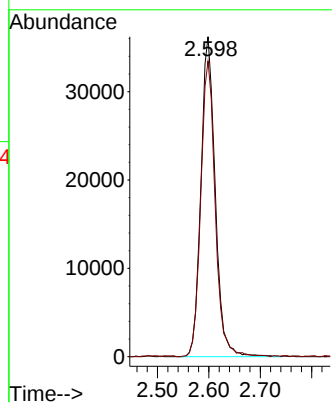
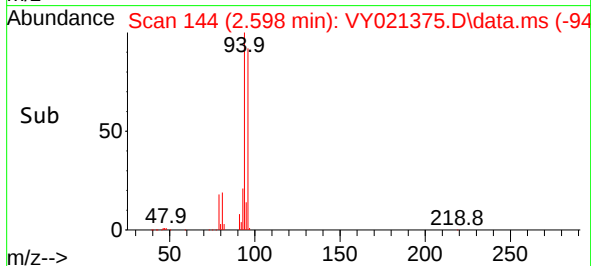
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



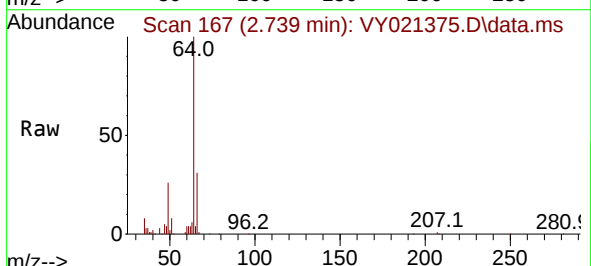
Tgt Ion: 94 Resp: 70059
Ion Ratio Lower Upper
94 100
96 92.4 75.2 112.8

Manual Integrations
APPROVED

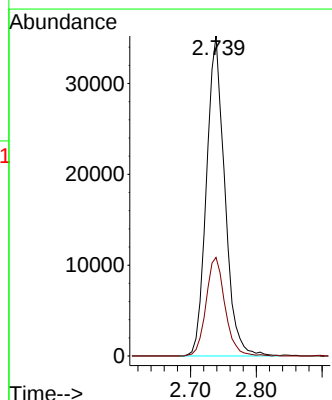
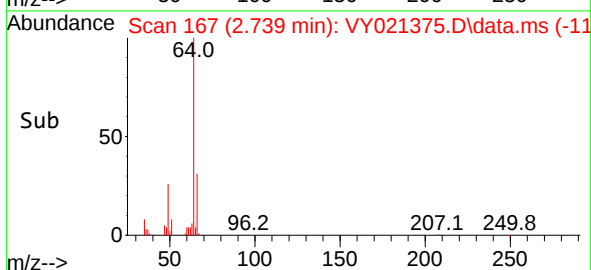
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

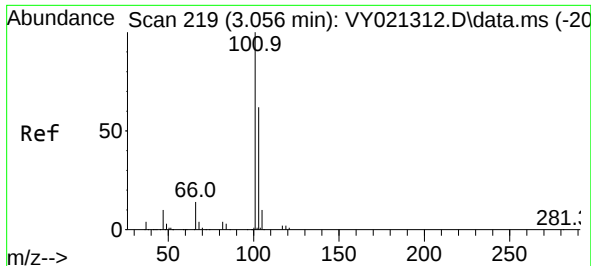


#6
Chloroethane
Concen: 53.626 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44



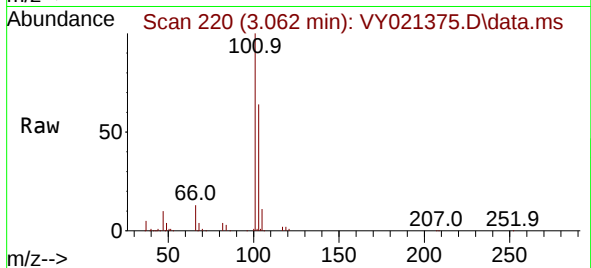
Tgt Ion: 64 Resp: 68130
Ion Ratio Lower Upper
64 100
66 30.8 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 51.575 ug/l
 RT: 3.062 min Scan# 219
 Delta R.T. 0.006 min
 Lab File: VY021375.D
 Acq: 28 Feb 2025 09:44

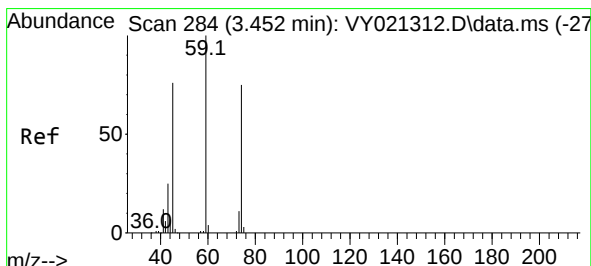
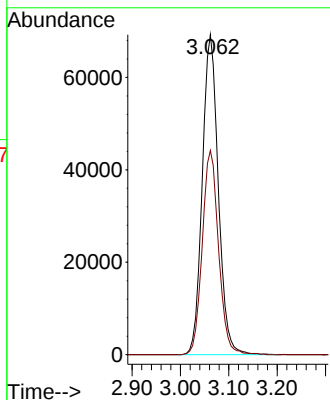
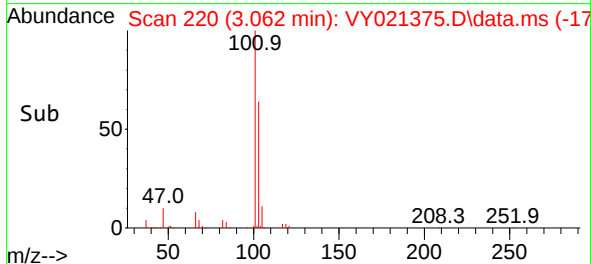
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 159574
 Ion Ratio Lower Upper
 101 100
 103 63.8 49.7 74.5

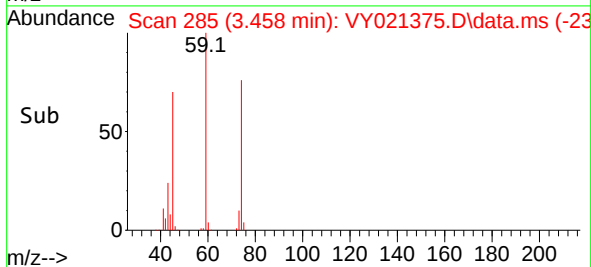
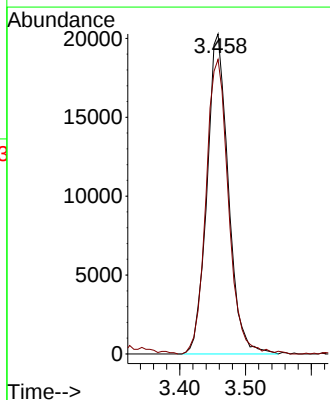
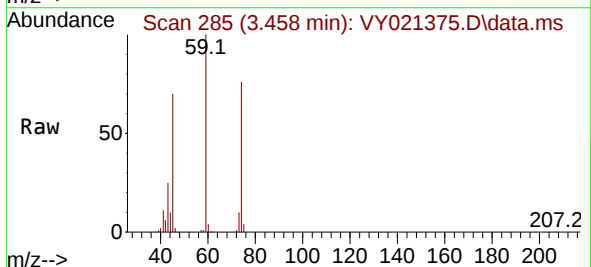
Manual Integrations
 APPROVED

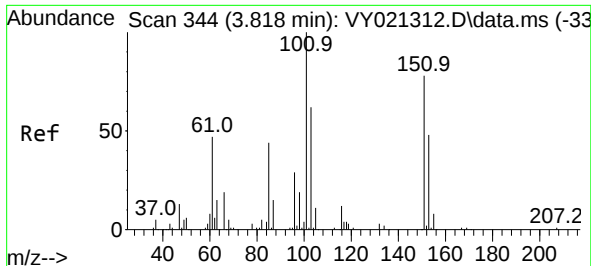
Reviewed By :John Carlone 03/03/2025
 Supervised By :Mahesh Dadoda 03/03/2025



#8
 Diethyl Ether
 Concen: 49.423 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY021375.D
 Acq: 28 Feb 2025 09:44

Tgt Ion: 74 Resp: 45896
 Ion Ratio Lower Upper
 74 100
 45 96.6 50.3 150.9





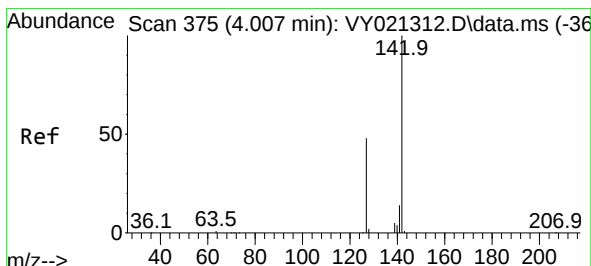
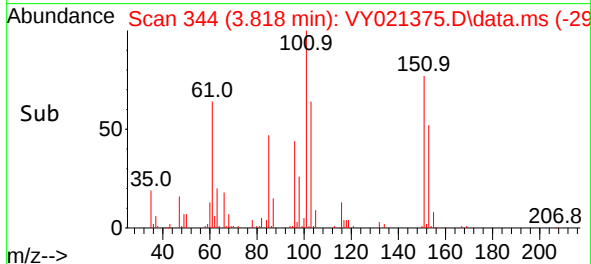
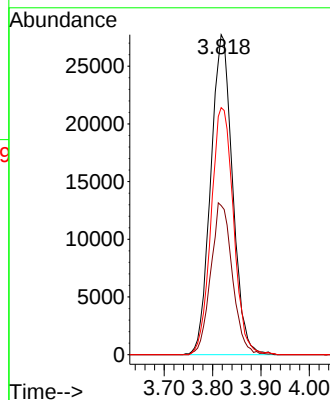
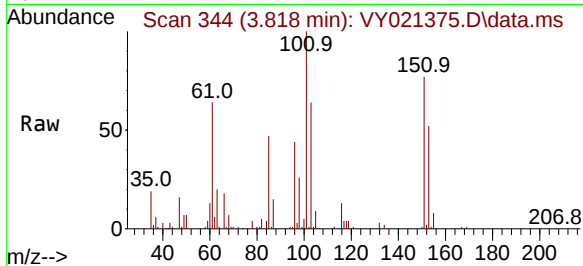
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.644 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 8713
Ion Ratio Lower Upper
101 100
85 46.8 36.7 55.1
151 79.2 62.6 94.0

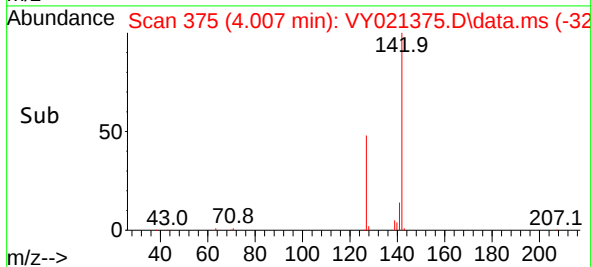
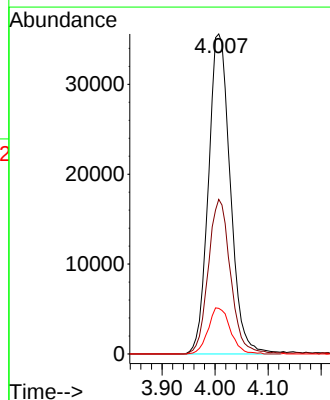
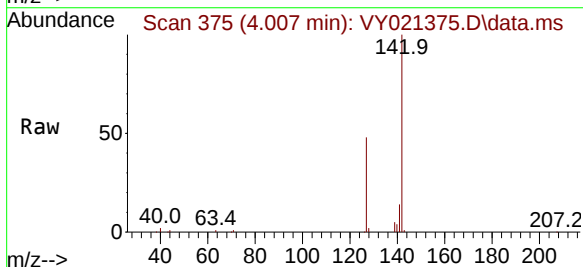
Manual Integrations
APPROVED

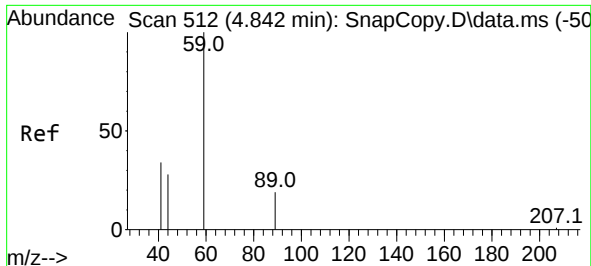
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#10
Methyl Iodide
Concen: 54.252 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Tgt Ion:142 Resp: 102242
Ion Ratio Lower Upper
142 100
127 48.9 39.2 58.8
141 14.6 11.4 17.2





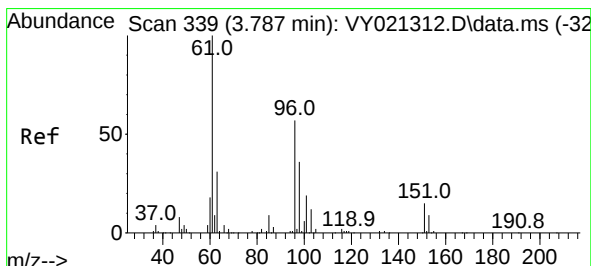
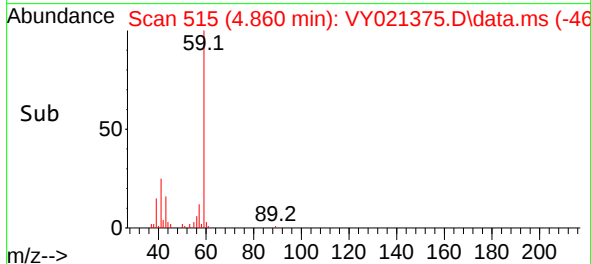
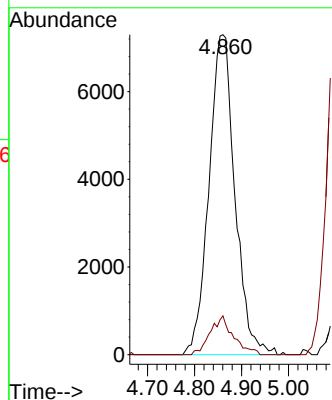
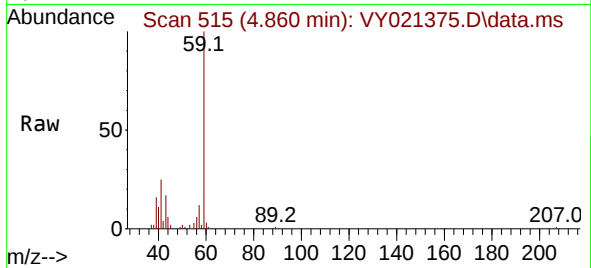
#11
Tert butyl alcohol
Concen: 188.331 ug/l
RT: 4.860 min Scan# 512
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 2801
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5

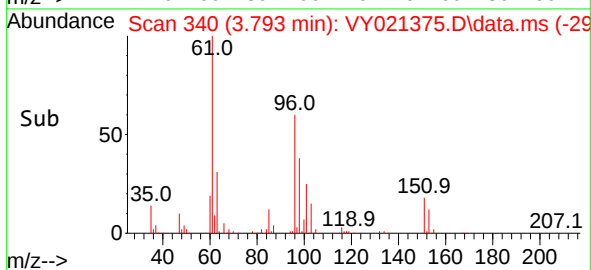
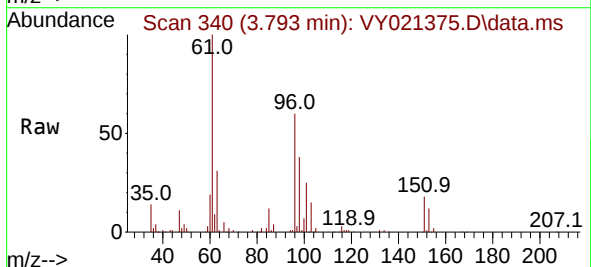
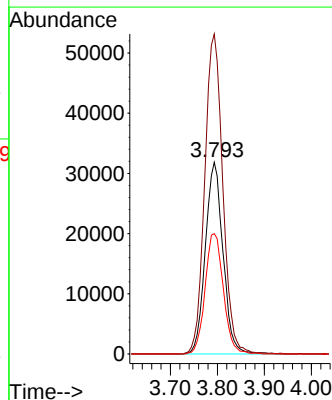
Manual Integrations
APPROVED

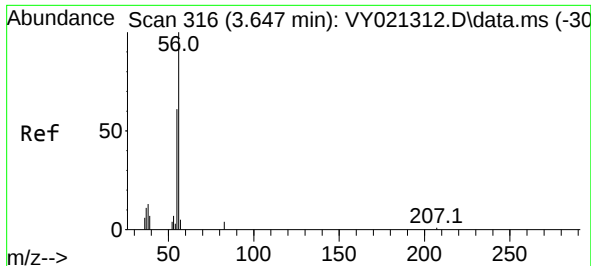
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#12
1,1-Dichloroethene
Concen: 48.376 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

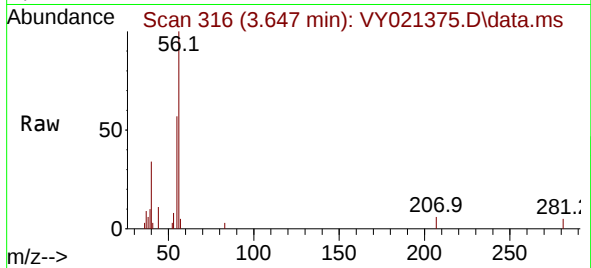
Tgt Ion: 96 Resp: 82975
Ion Ratio Lower Upper
96 100
61 167.0 139.7 209.5
98 62.8 49.7 74.5





#13
Acrolein
Concen: 46.638 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

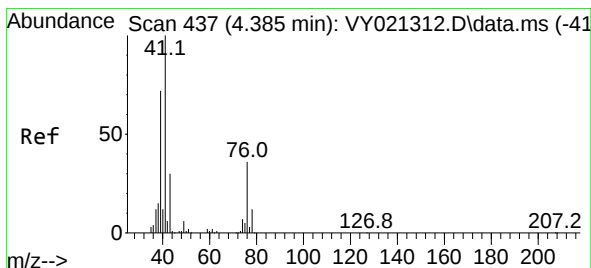
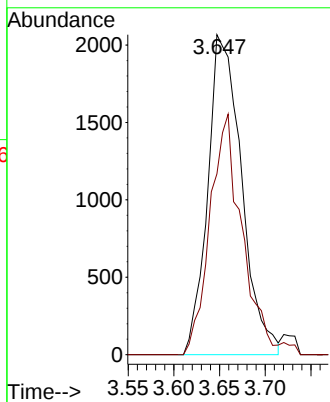
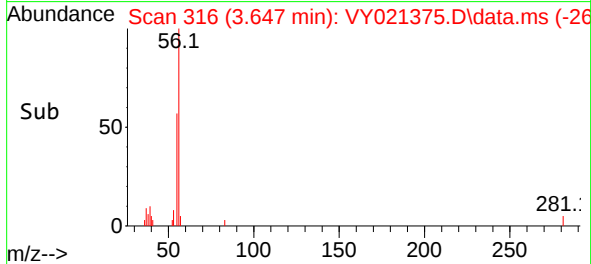
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



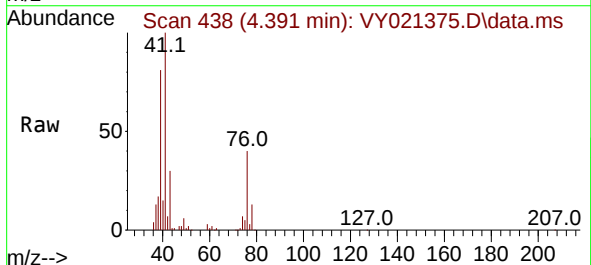
Tgt Ion: 56 Resp: 5310
Ion Ratio Lower Upper
56 100
55 70.8 59.0 88.6

Manual Integrations
APPROVED

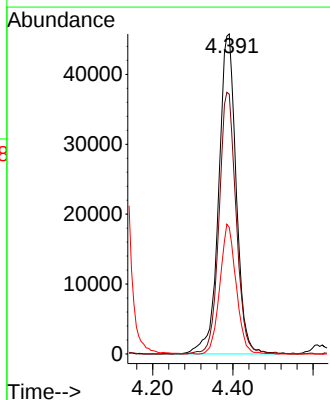
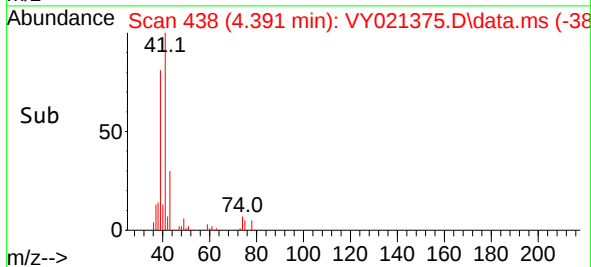
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

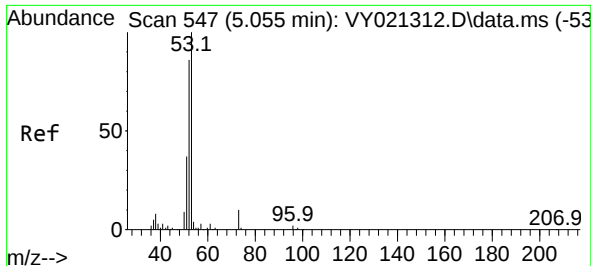


#14
Allyl chloride
Concen: 45.608 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44



Tgt Ion: 41 Resp: 138693
Ion Ratio Lower Upper
41 100
39 79.7 60.0 90.0
76 37.7 29.0 43.6





#15

Acrylonitrile

Concen: 236.139 ug/l

RT: 5.061 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY021375.D

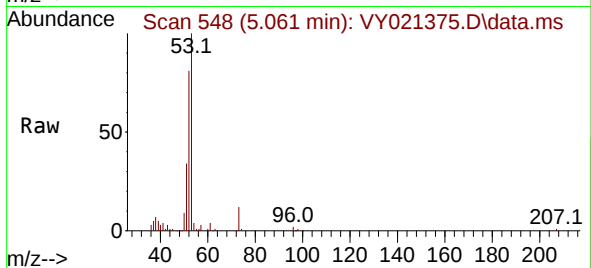
Acq: 28 Feb 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



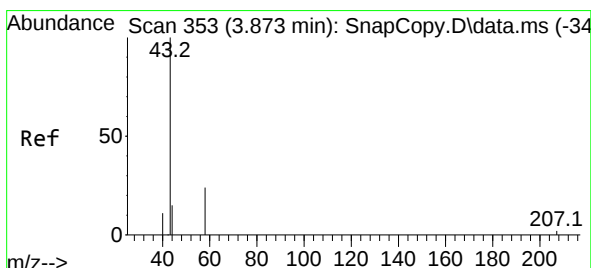
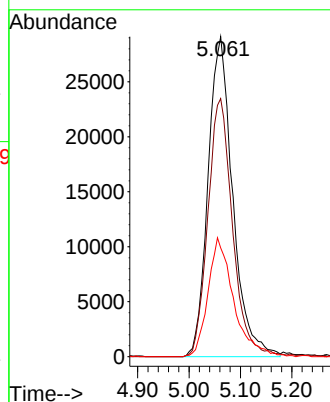
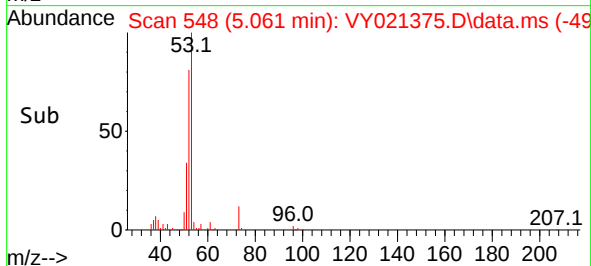
Tgt Ion: 53	Resp: 9695
Ion Ratio	Lower Upper
53	100
52	80.7 65.5 98.3
51	38.7 30.6 46.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2025

Supervised By :Mahesh Dadoda 03/03/2025



#16

Acetone

Concen: 302.934 ug/l

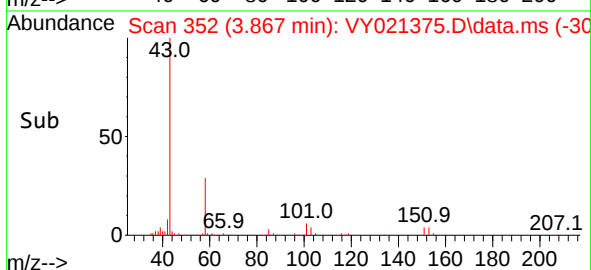
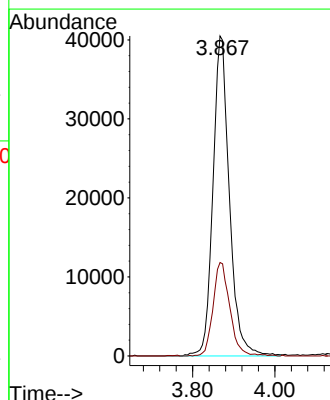
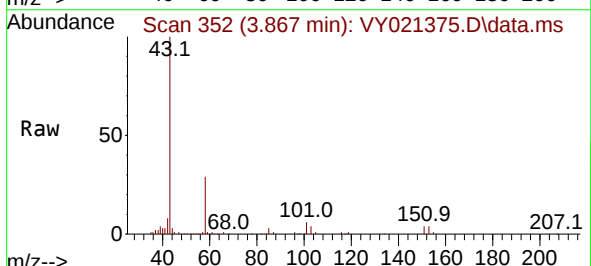
RT: 3.867 min Scan# 352

Delta R.T. 0.000 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

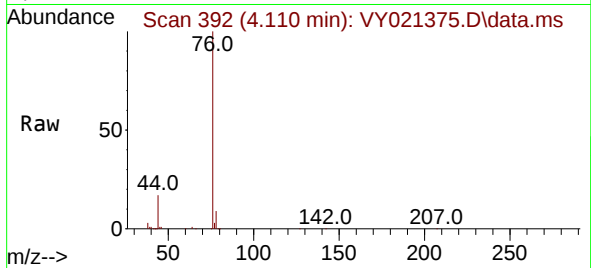
Tgt Ion: 43	Resp: 112372
Ion Ratio	Lower Upper
43	100
58	29.2 23.5 35.3





#17
Carbon Disulfide
Concen: 47.448 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

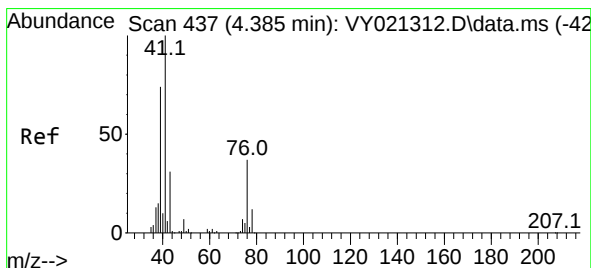
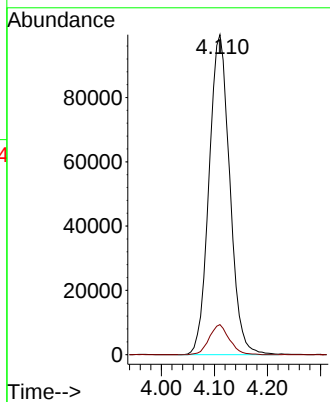
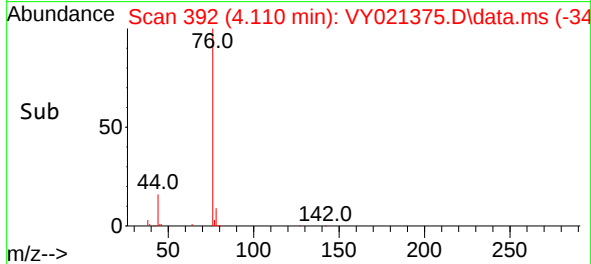
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 27024
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7

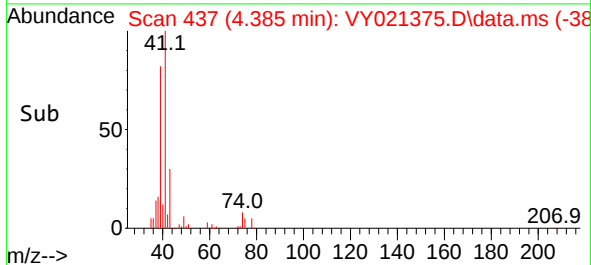
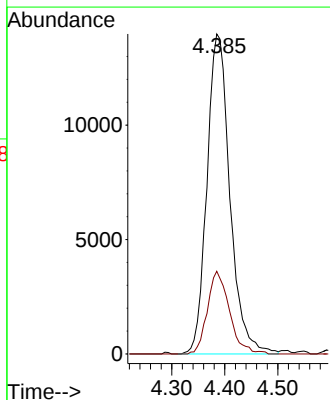
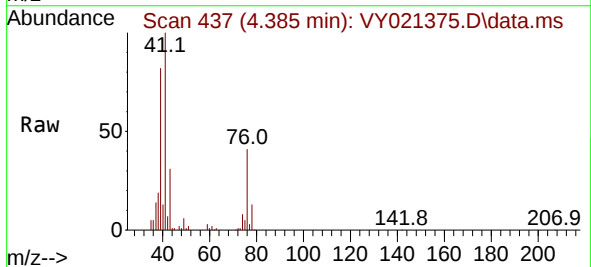
Manual Integrations
APPROVED

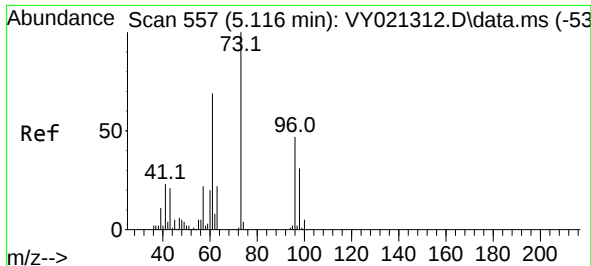
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#18
Methyl Acetate
Concen: 46.449 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

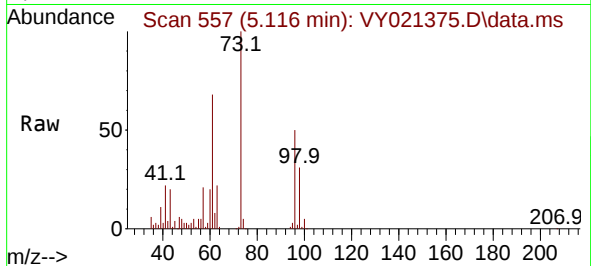
Tgt Ion: 43 Resp: 42108
Ion Ratio Lower Upper
43 100
74 24.8 17.7 26.5





#19
Methyl tert-butyl Ether
Concen: 49.070 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

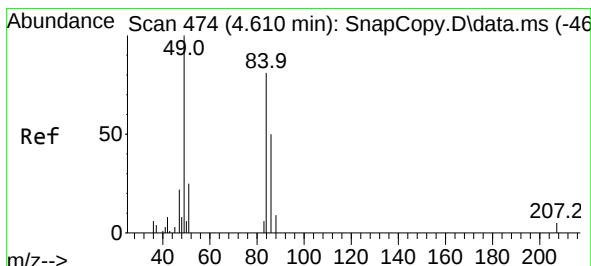
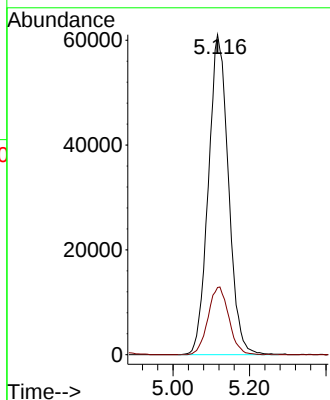
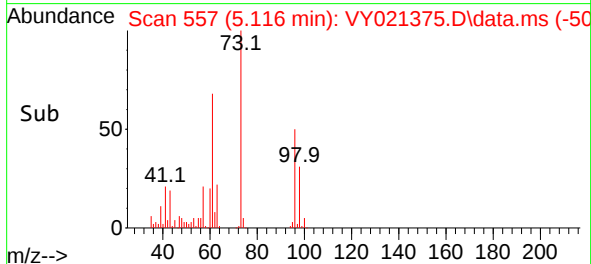
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 222369
Ion Ratio Lower Upper
73 100
57 21.0 17.4 26.0

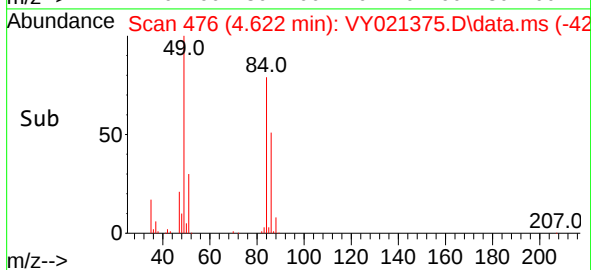
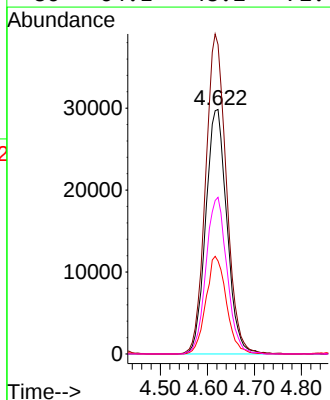
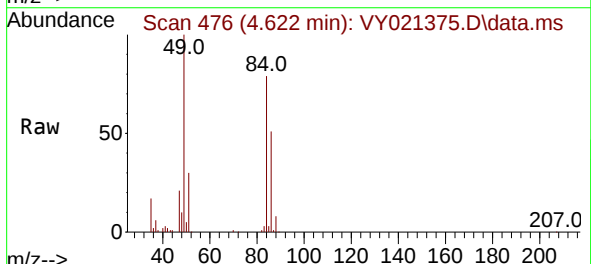
Manual Integrations
APPROVED

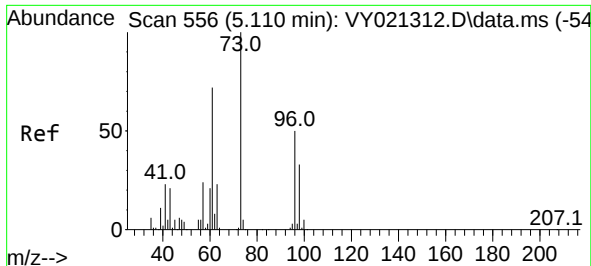
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#20
Methylene Chloride
Concen: 46.504 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

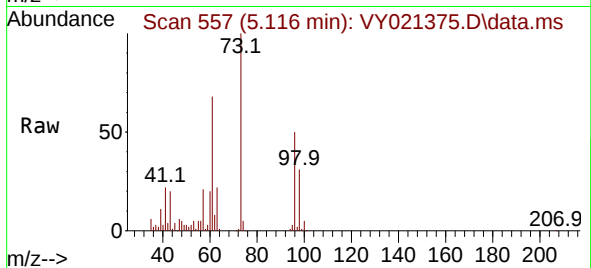
Tgt Ion: 84 Resp: 93282
Ion Ratio Lower Upper
84 100
49 126.5 105.1 157.7
51 38.0 31.0 46.4
86 64.1 48.2 72.4





#21
trans-1,2-Dichloroethene
Concen: 49.547 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

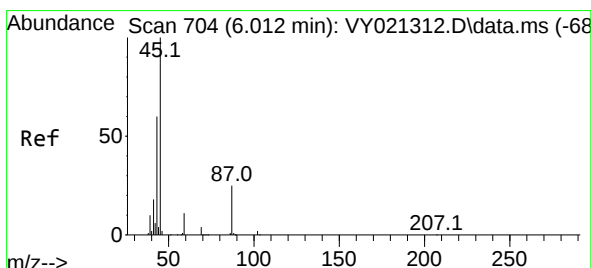
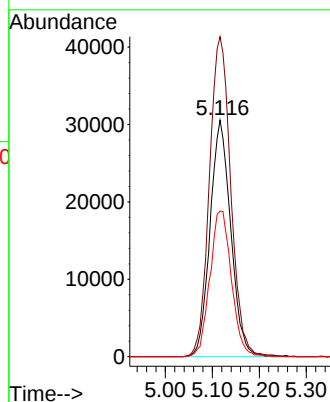
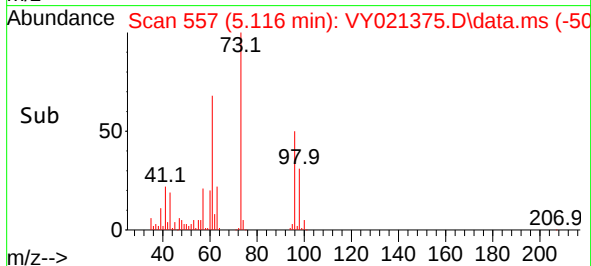
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 9355
Ion Ratio Lower Upper
96 100
61 135.3 116.3 174.5
98 61.6 52.6 78.8

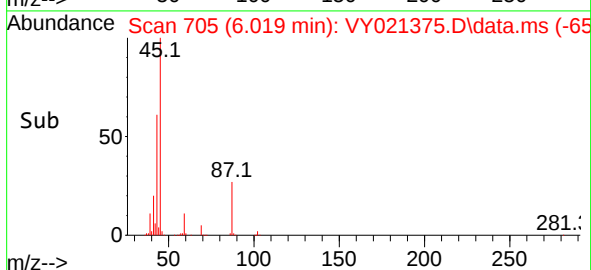
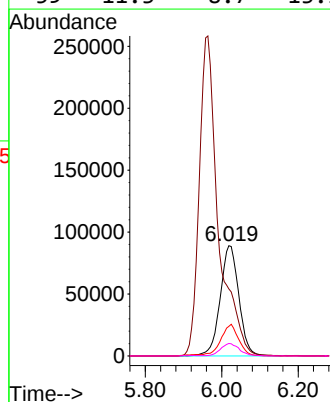
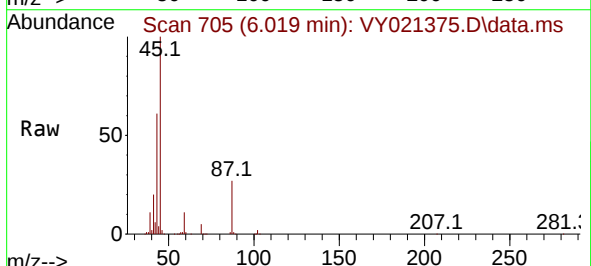
Manual Integrations
APPROVED

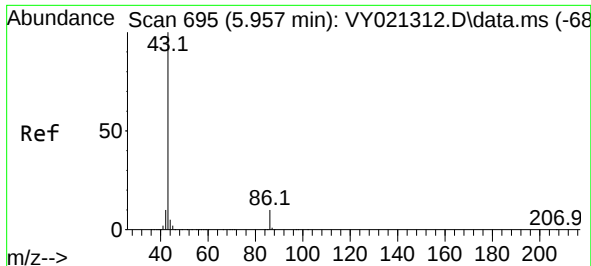
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#22
Diisopropyl ether
Concen: 47.952 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

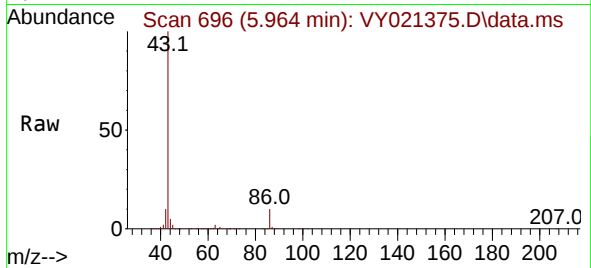
Tgt Ion: 45 Resp: 301755
Ion Ratio Lower Upper
45 100
43 60.6 48.2 72.4
87 26.9 20.3 30.5
59 11.3 8.7 13.1





#23
 Vinyl Acetate
 Concen: 238.456 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY021375.D
 Acq: 28 Feb 2025 09:44

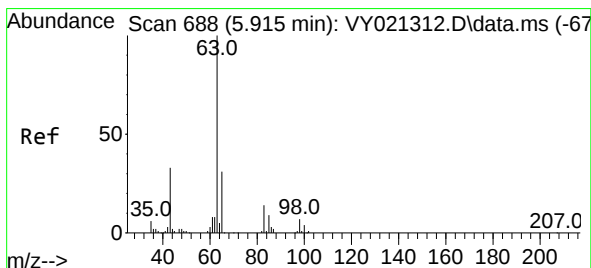
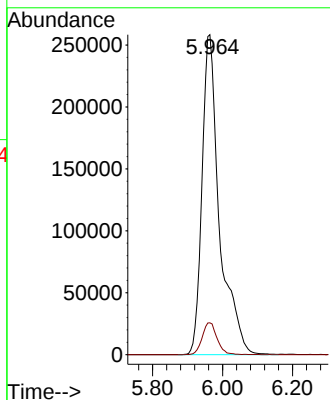
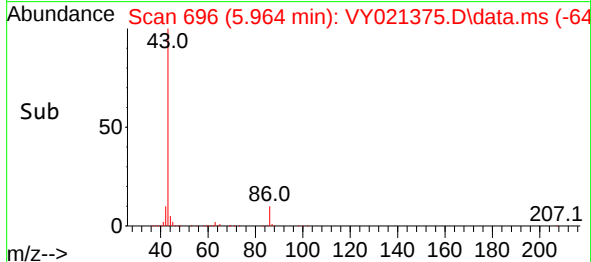
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



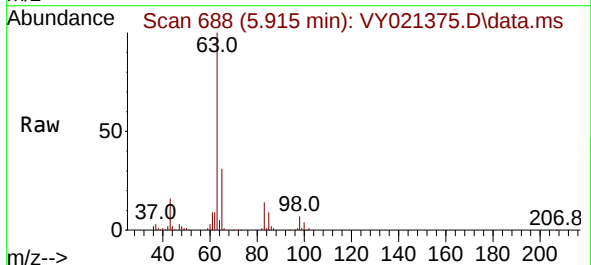
Tgt Ion: 43 Resp: 896702
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.0 12.0

Manual Integrations
 APPROVED

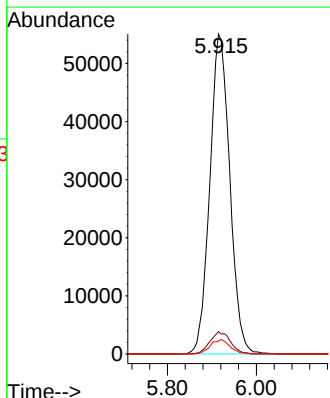
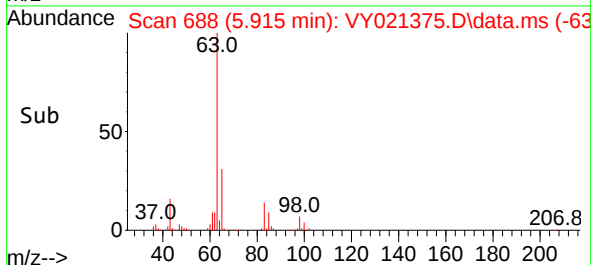
Reviewed By :John Carlone 03/03/2025
 Supervised By :Mahesh Dadoda 03/03/2025

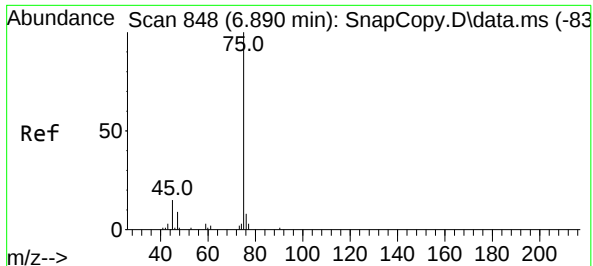


#24
 1,1-Dichloroethane
 Concen: 48.476 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021375.D
 Acq: 28 Feb 2025 09:44



Tgt Ion: 63 Resp: 171936
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.7 11.1
 100 4.0 2.1 6.5





#25

2-Butanone

Concen: 253.463 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 141900

Ion Ratio Lower Upper

43 100

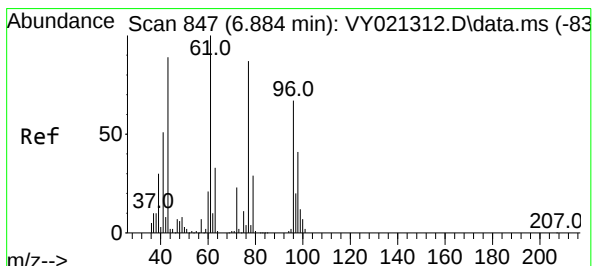
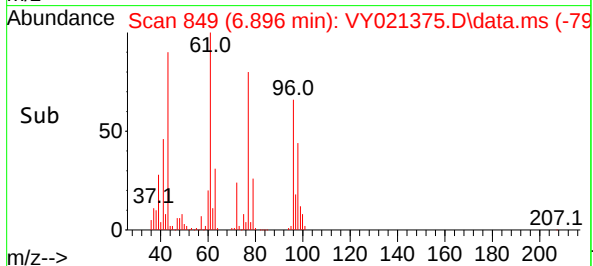
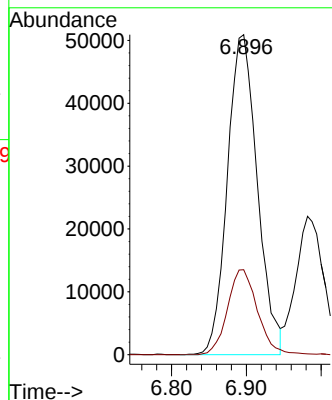
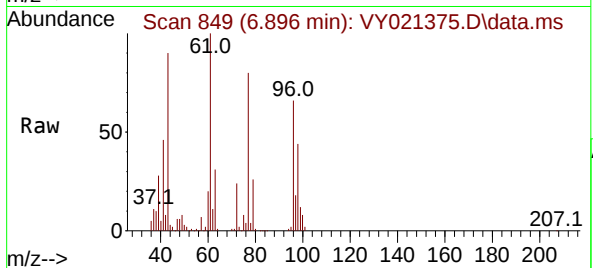
72 26.6 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2025

Supervised By :Mahesh Dadoda 03/03/2025



#26

2,2-Dichloropropane

Concen: 48.821 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY021375.D

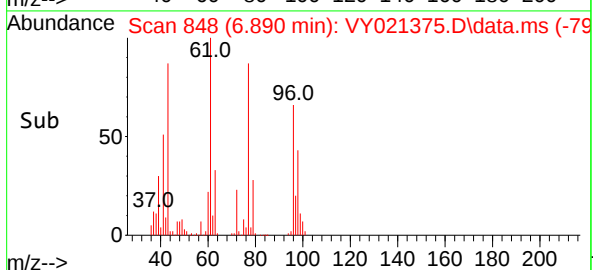
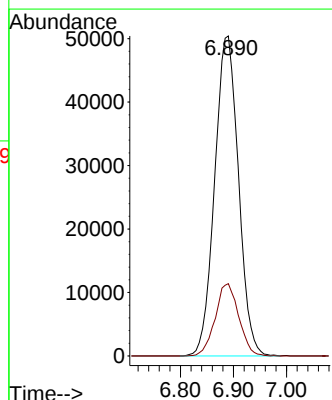
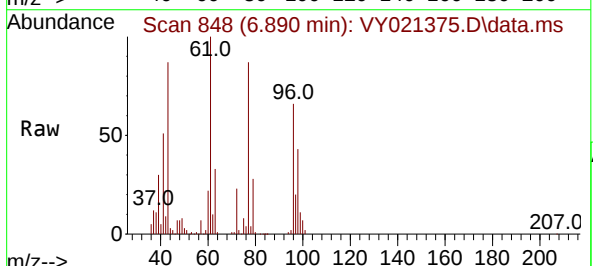
Acq: 28 Feb 2025 09:44

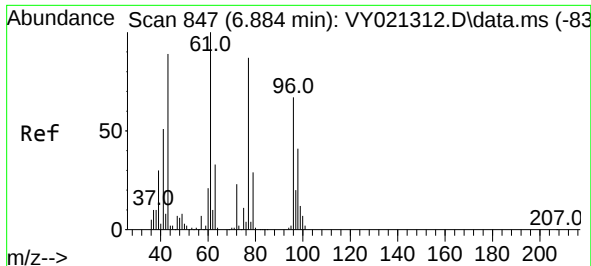
Tgt Ion: 77 Resp: 157120

Ion Ratio Lower Upper

77 100

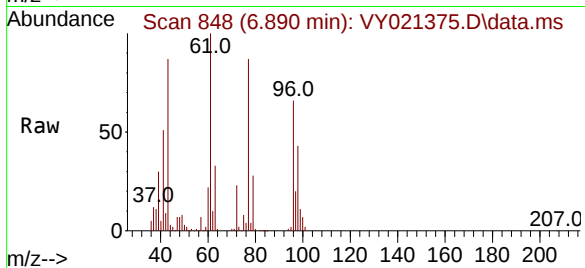
97 22.3 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 50.189 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY021375.D
 Acq: 28 Feb 2025 09:44

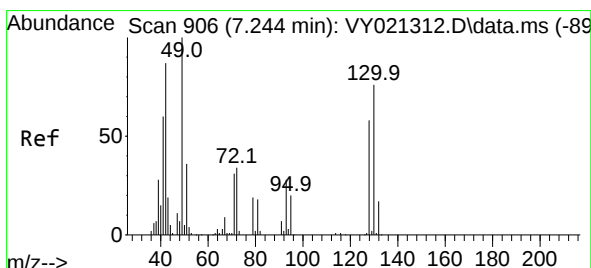
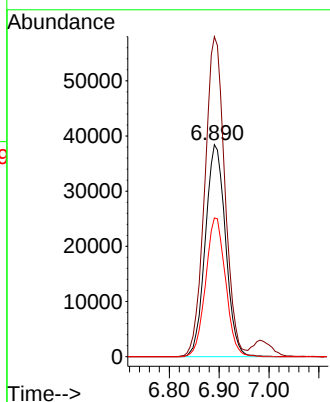
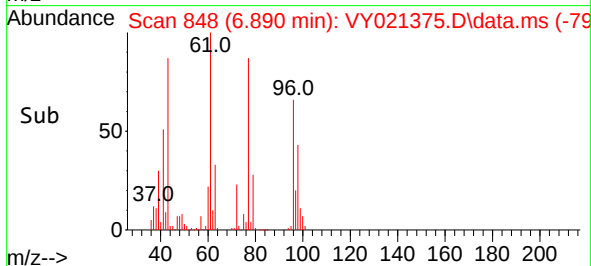
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 108215
 Ion Ratio Lower Upper
 96 100
 61 149.9 0.0 308.0
 98 64.5 0.0 129.6

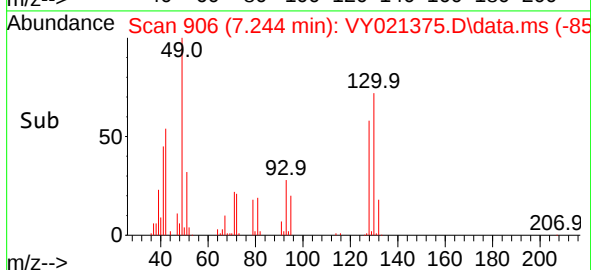
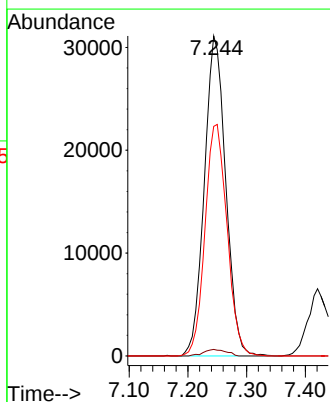
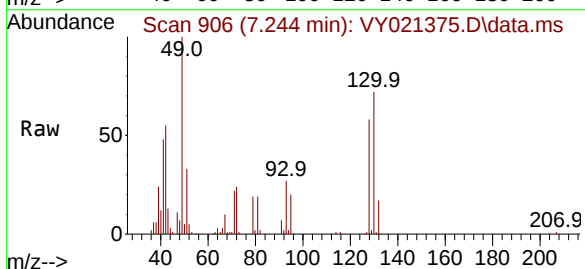
Manual Integrations
 APPROVED

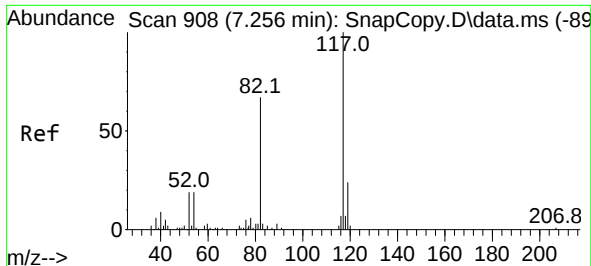
Reviewed By :John Carlone 03/03/2025
 Supervised By :Mahesh Dadoda 03/03/2025



#28
 Bromochloromethane
 Concen: 50.196 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY021375.D
 Acq: 28 Feb 2025 09:44

Tgt Ion: 49 Resp: 78777
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.0
 130 74.5 57.8 86.6





#29

Tetrahydrofuran

Concen: 227.342 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

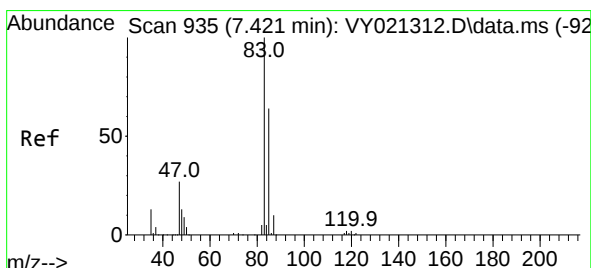
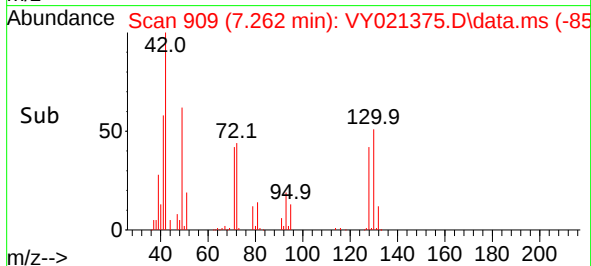
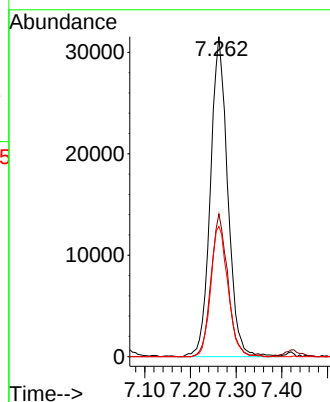
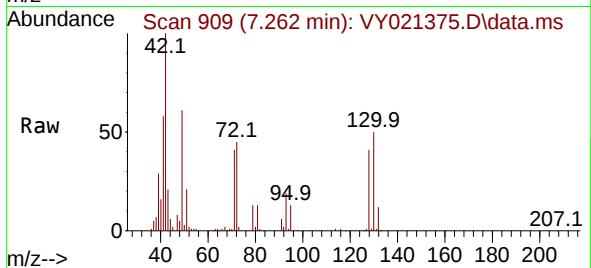
Tgt Ion:	42	Resp:	83194
Ion	Ratio	Lower	Upper
42	100		
72	43.2	33.1	49.7
71	40.5	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2025

Supervised By :Mahesh Dadoda 03/03/2025



#30

Chloroform

Concen: 49.466 ug/l

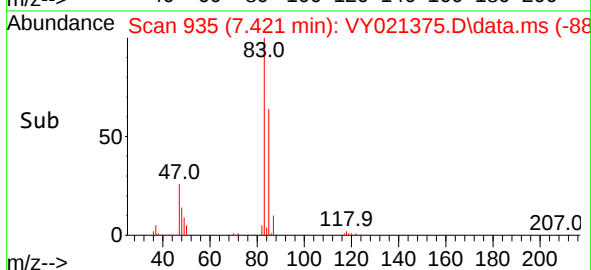
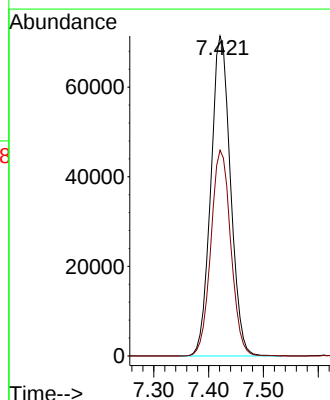
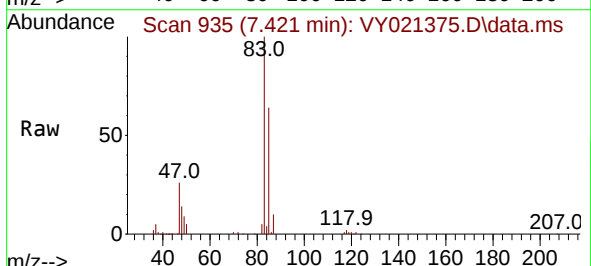
RT: 7.421 min Scan# 935

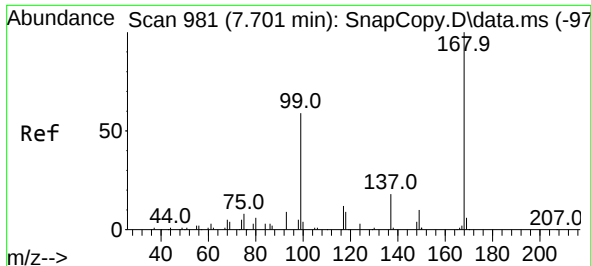
Delta R.T. 0.000 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

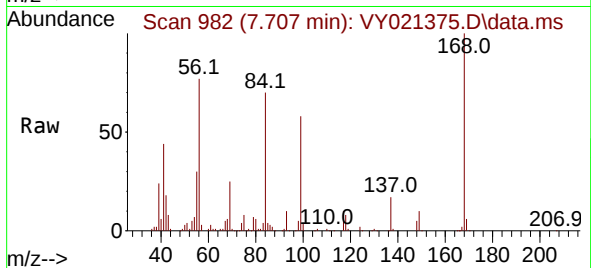
Tgt Ion:	83	Resp:	177778
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.6	77.4





#31
Cyclohexane
Concen: 43.387 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

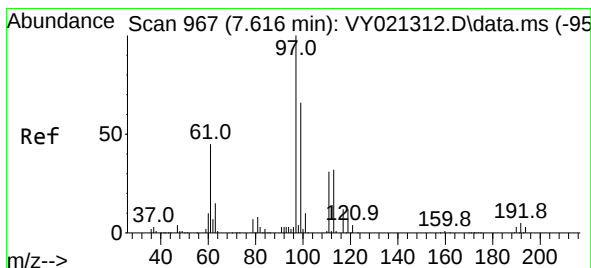
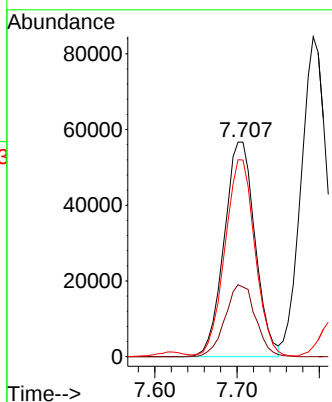
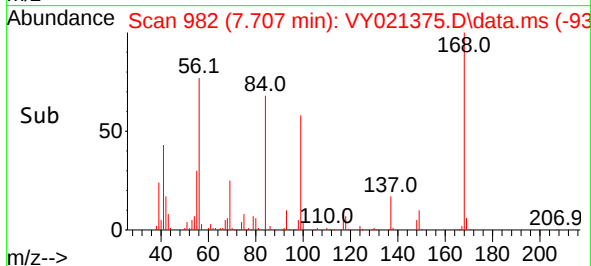
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



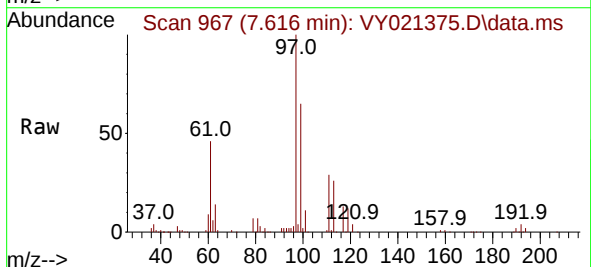
Tgt Ion: 56 Resp: 14792
Ion Ratio Lower Upper
56 100
69 32.4 26.2 39.4
84 89.8 70.2 105.4

Manual Integrations
APPROVED

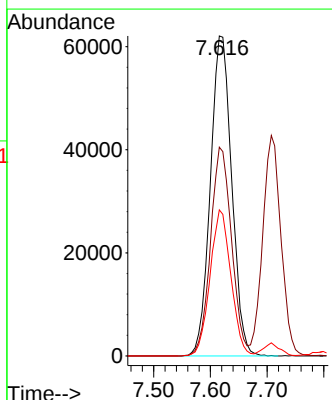
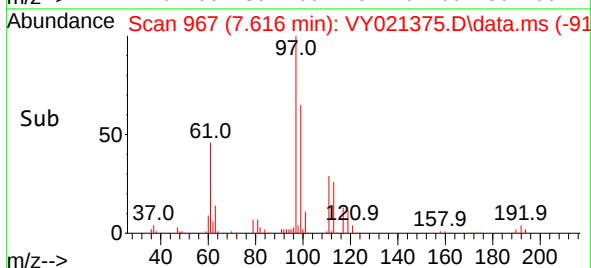
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

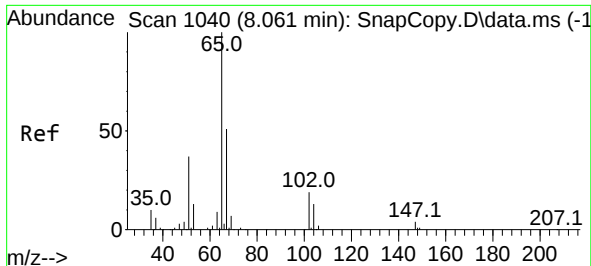


#32
1,1,1-Trichloroethane
Concen: 49.532 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44



Tgt Ion: 97 Resp: 162031
Ion Ratio Lower Upper
97 100
99 64.3 52.4 78.6
61 44.7 36.2 54.2





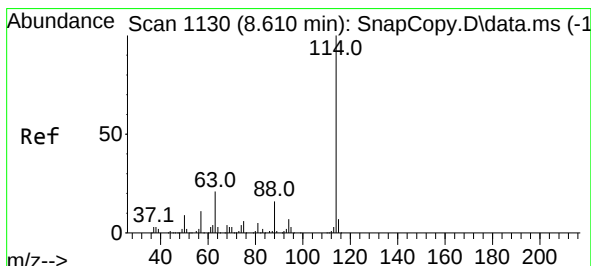
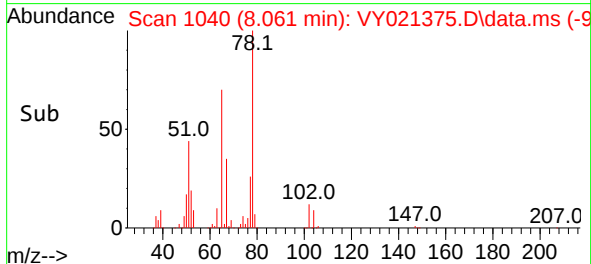
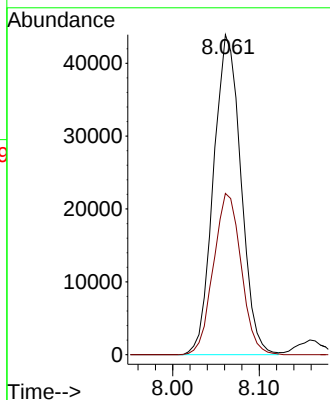
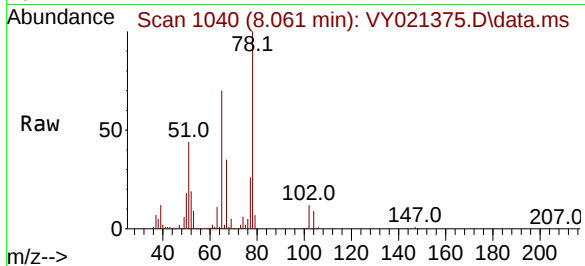
#33
1,2-Dichloroethane-d4
Concen: 49.947 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 96580
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.6

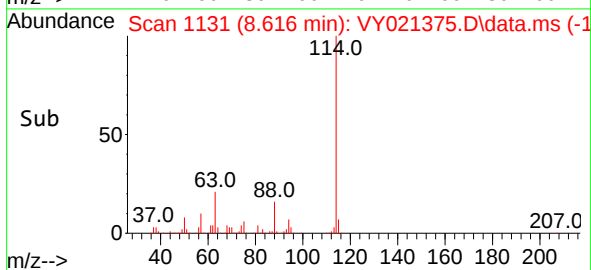
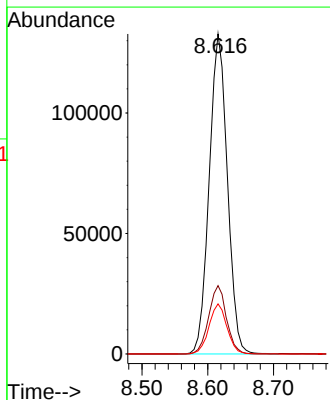
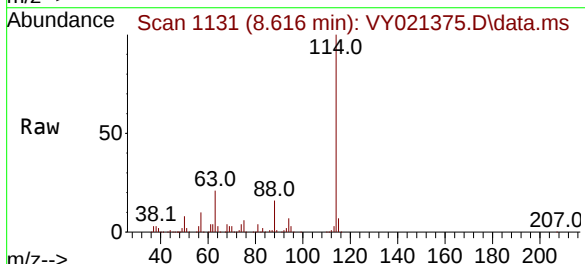
Manual Integrations
APPROVED

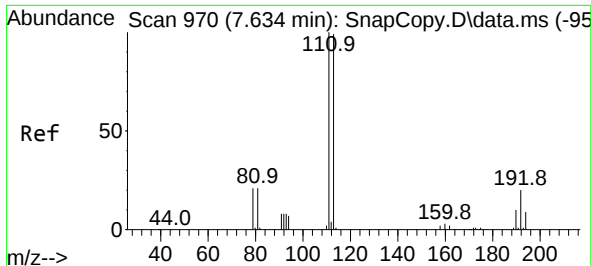
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

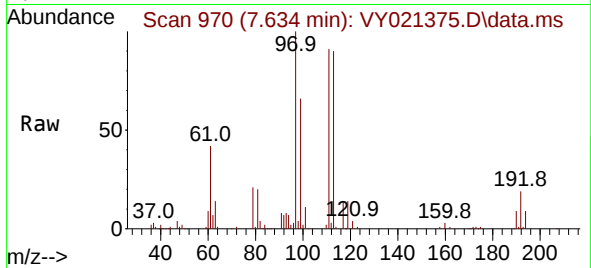
Tgt Ion:114 Resp: 255493
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.2
88 15.6 0.0 29.8





#35
Dibromofluoromethane
Concen: 53.556 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

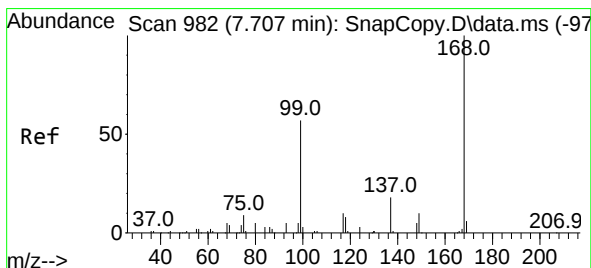
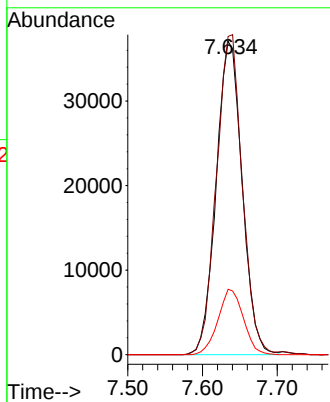
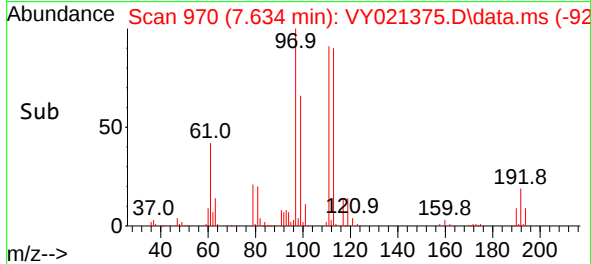
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



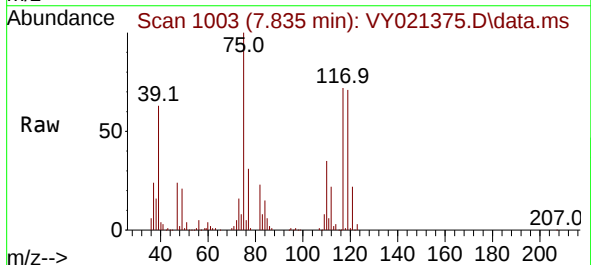
Tgt Ion: 113 Resp: 89708
Ion Ratio Lower Upper
113 100
111 102.0 81.0 121.6
192 20.3 15.8 23.8

Manual Integrations
APPROVED

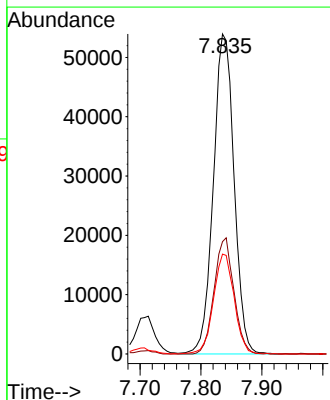
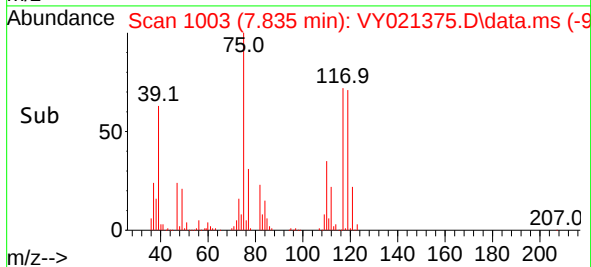
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

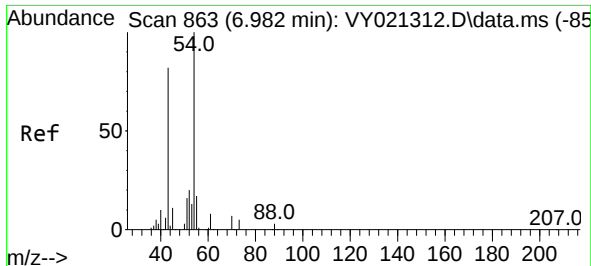


#36
1,1-Dichloropropene
Concen: 50.810 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44



Tgt Ion: 75 Resp: 127843
Ion Ratio Lower Upper
75 100
110 34.6 16.9 50.7
77 31.0 24.6 36.8





#37

Ethyl Acetate

Concen: 47.578 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 59548

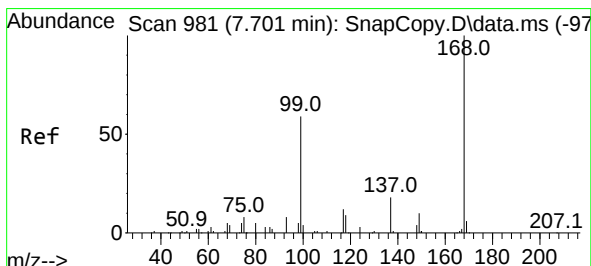
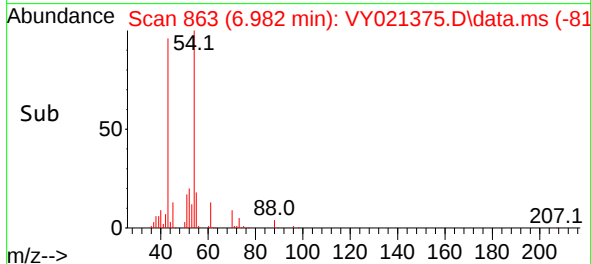
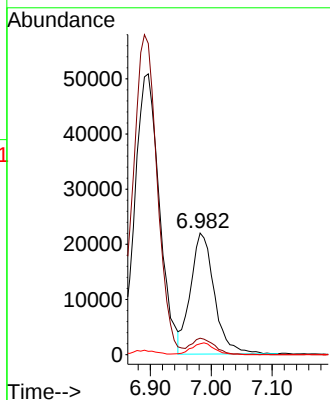
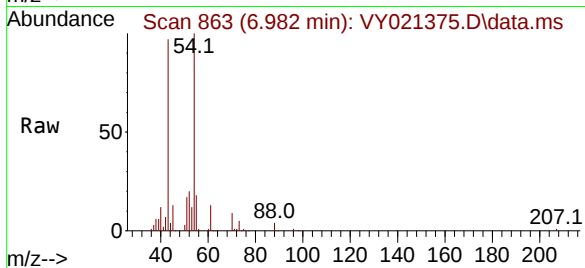
Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.4	15.6
70	9.5	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2025

Supervised By :Mahesh Dadoda 03/03/2025



#38

Carbon Tetrachloride

Concen: 52.223 ug/l

RT: 7.817 min Scan# 1000

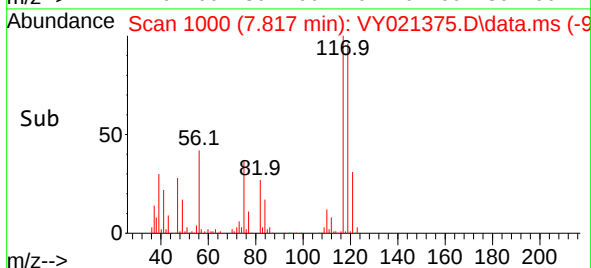
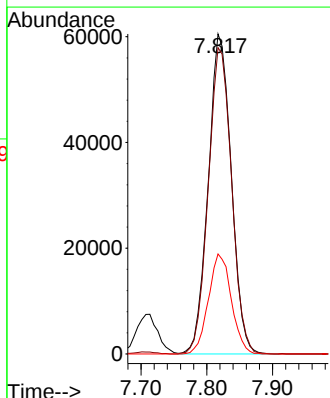
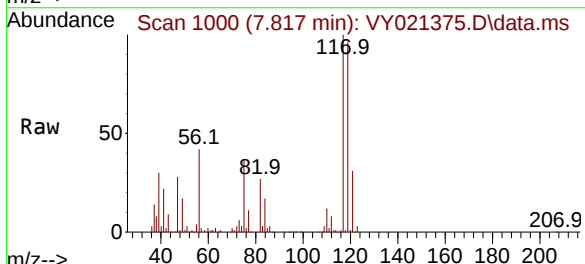
Delta R.T. 0.000 min

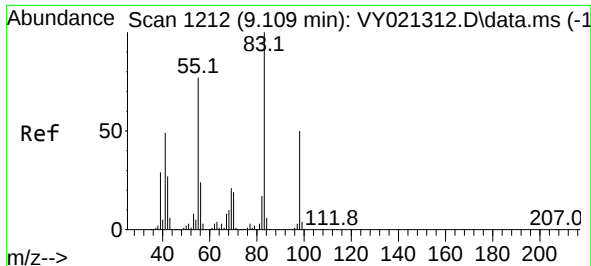
Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Tgt Ion:117 Resp: 147719

Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.0	114.0
121	31.2	24.9	37.3





#39

Methylcyclohexane

Concen: 48.718 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 155039

Ion Ratio Lower Upper

83 100

55 75.8 61.3 91.9

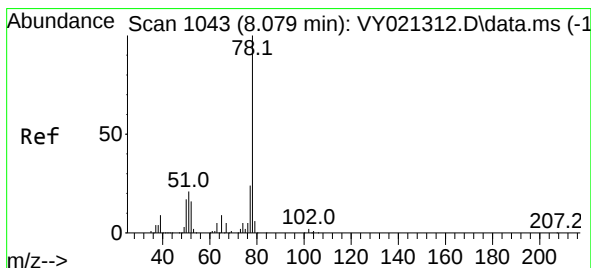
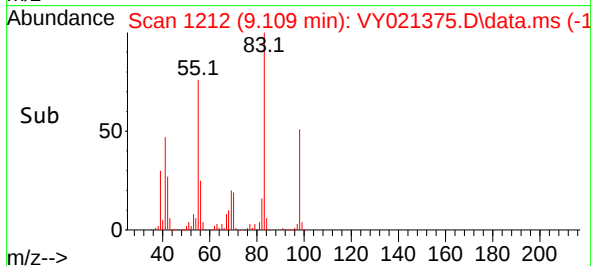
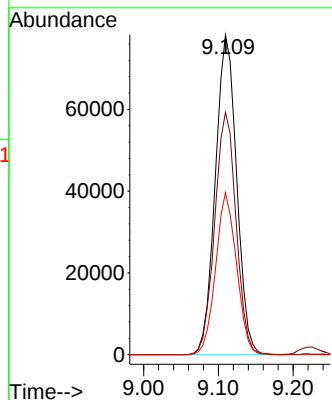
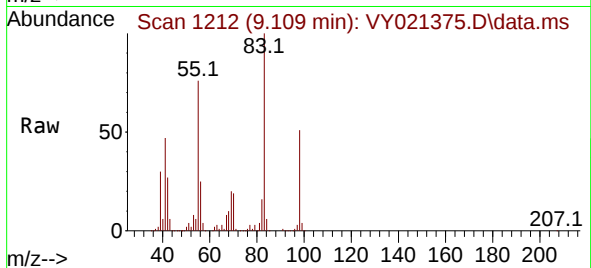
98 50.6 39.9 59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2025

Supervised By :Mahesh Dadoda 03/03/2025



#40

Benzene

Concen: 51.073 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021375.D

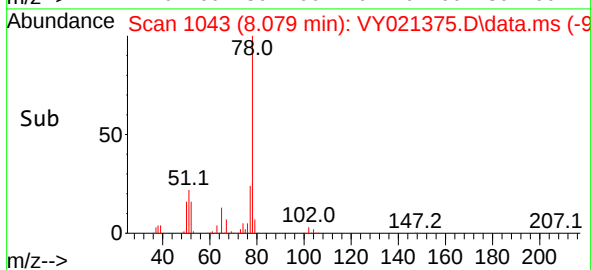
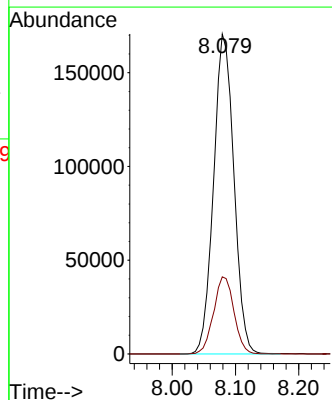
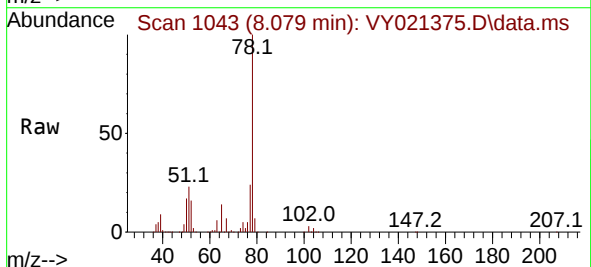
Acq: 28 Feb 2025 09:44

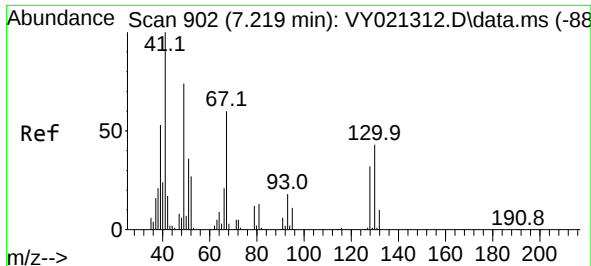
Tgt Ion: 78 Resp: 379868

Ion Ratio Lower Upper

78 100

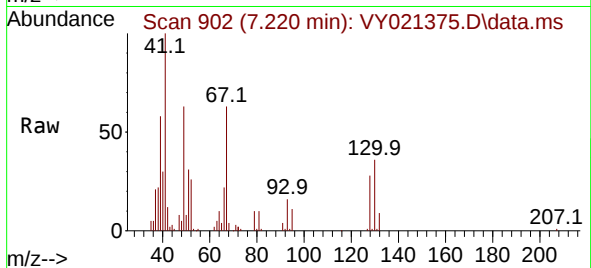
77 24.1 19.2 28.8





#41
Methacrylonitrile
Concen: 49.854 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

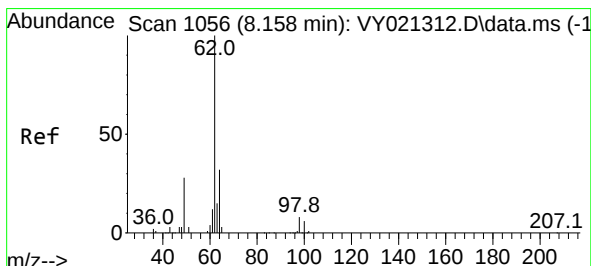
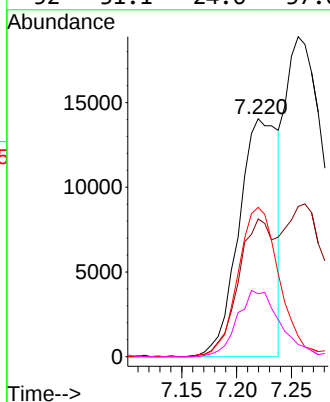
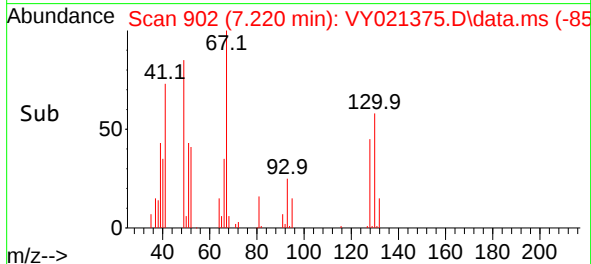
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



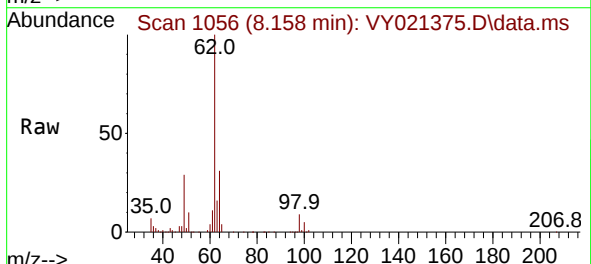
Tgt Ion: 41 Resp: 34880
Ion Ratio Lower Upper
41 100
39 49.0 42.3 63.5
67 67.4 54.8 82.2
52 31.1 24.6 37.0

Manual Integrations
APPROVED

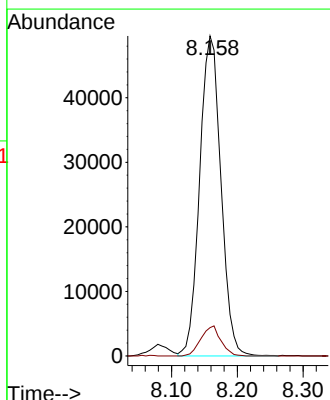
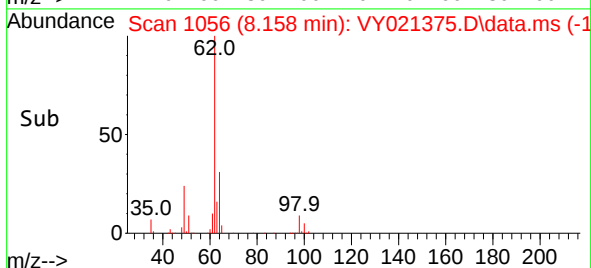
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

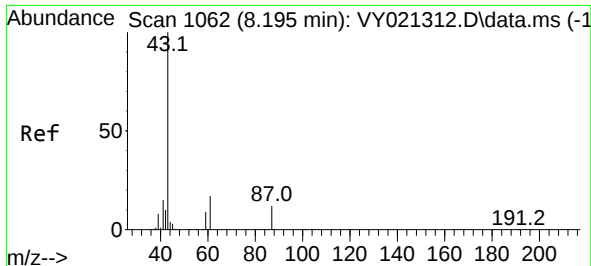


#42
1,2-Dichloroethane
Concen: 52.760 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44



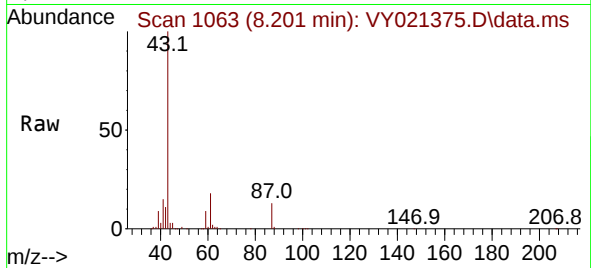
Tgt Ion: 62 Resp: 111336
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.6





#43
Isopropyl Acetate
Concen: 48.330 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

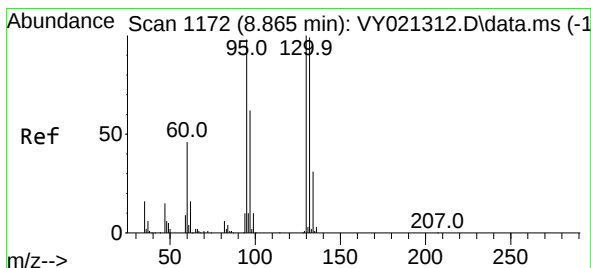
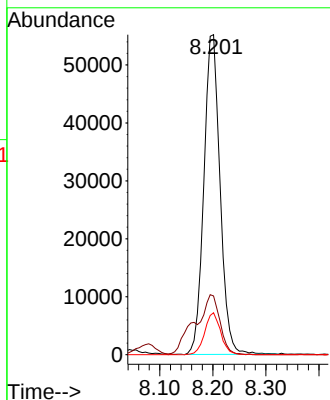
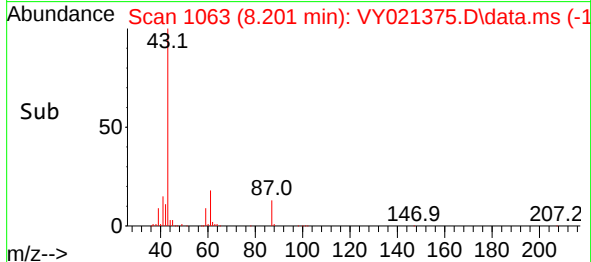
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 11708
Ion Ratio Lower Upper
43 100
61 28.8 15.0 22.6
87 13.0 10.0 15.0

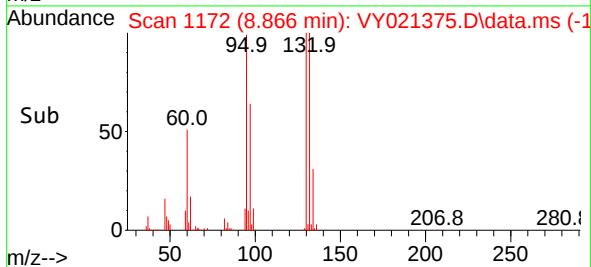
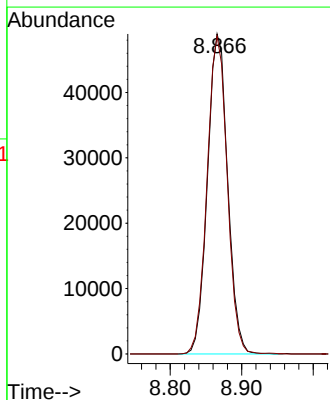
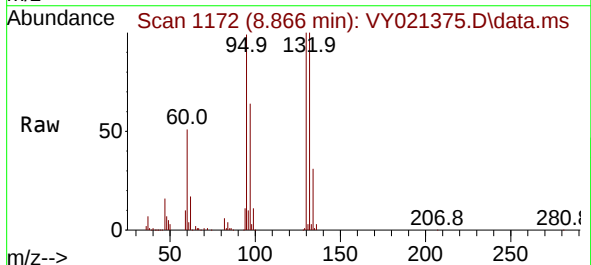
Manual Integrations
APPROVED

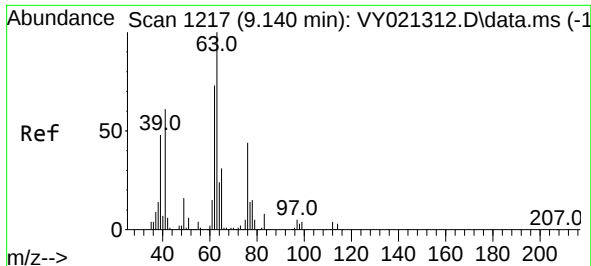
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#44
Trichloroethene
Concen: 51.489 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Tgt Ion:130 Resp: 95880
Ion Ratio Lower Upper
130 100
95 99.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 50.814 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 9095

Ion Ratio Lower Upper

63 100

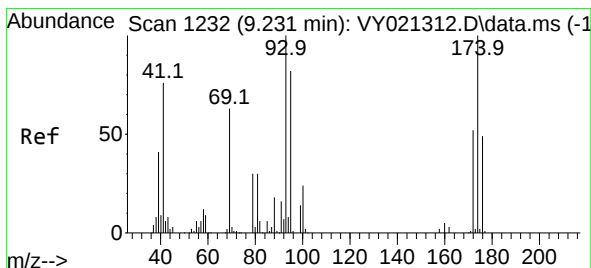
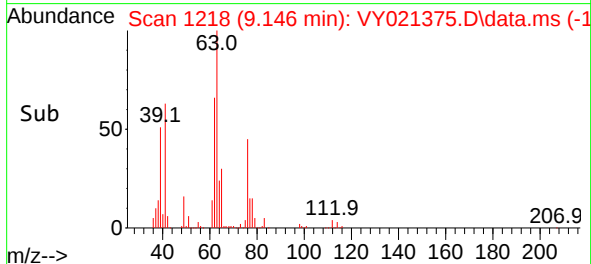
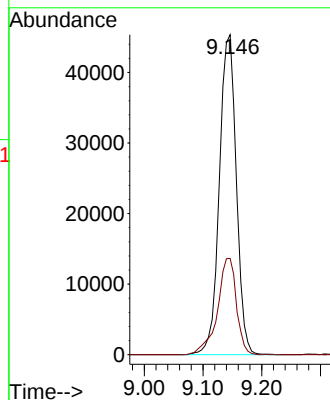
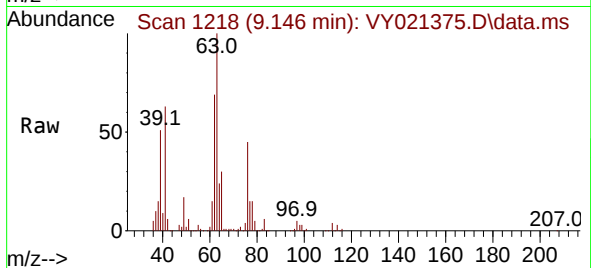
65 30.1 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2025

Supervised By :Mahesh Dadoda 03/03/2025



#46

Dibromomethane

Concen: 51.775 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

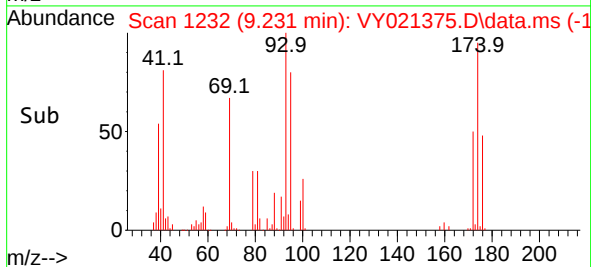
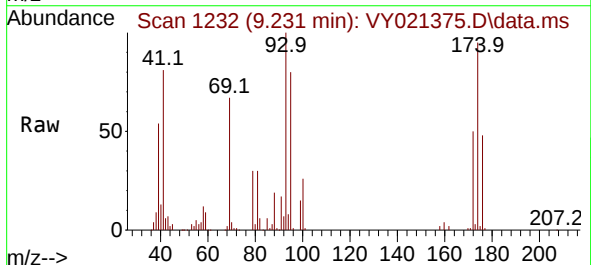
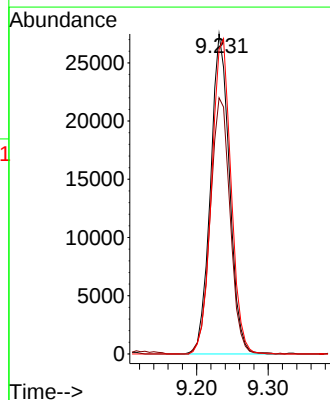
Tgt Ion: 93 Resp: 50657

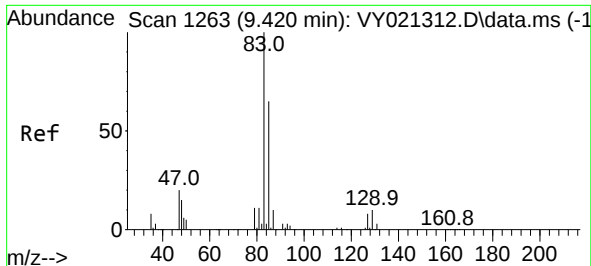
Ion Ratio Lower Upper

93 100

95 83.1 66.4 99.6

174 100.6 78.2 117.2





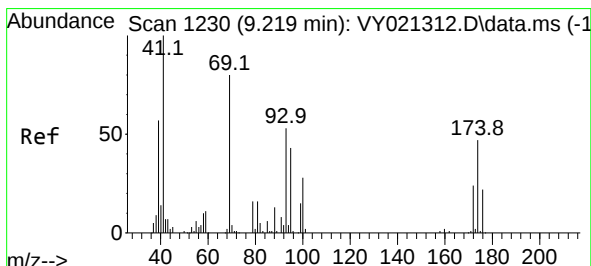
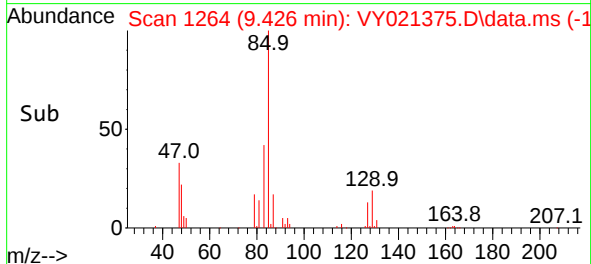
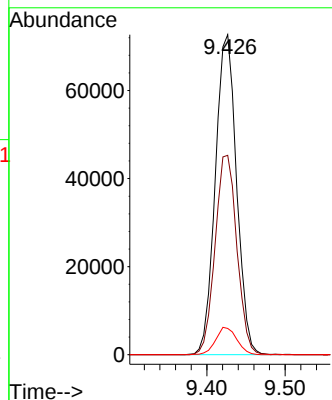
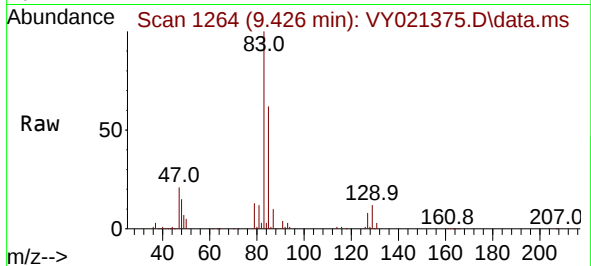
#47
Bromodichloromethane
Concen: 52.552 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 13709
Ion Ratio Lower Upper
83 100
85 62.3 51.8 77.8
127 8.2 6.7 10.1

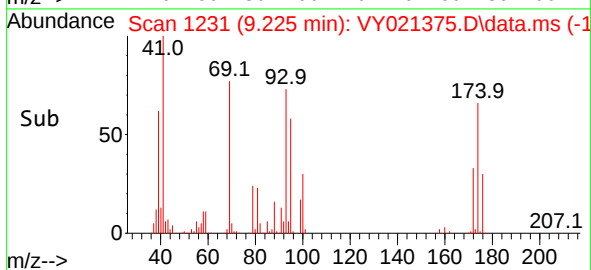
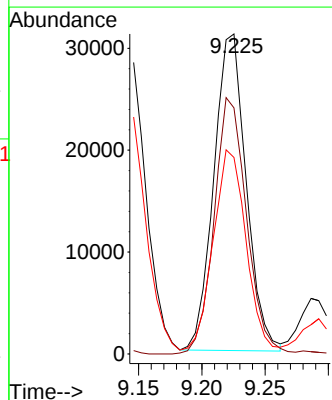
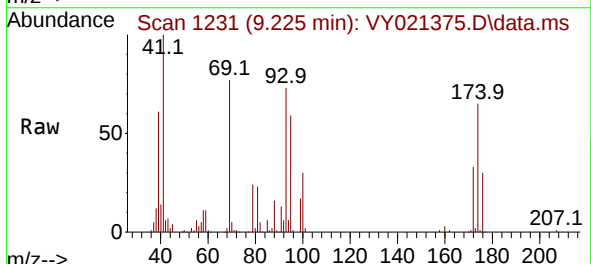
Manual Integrations
APPROVED

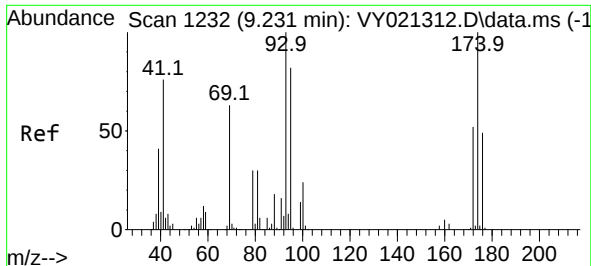
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#48
Methyl methacrylate
Concen: 48.776 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

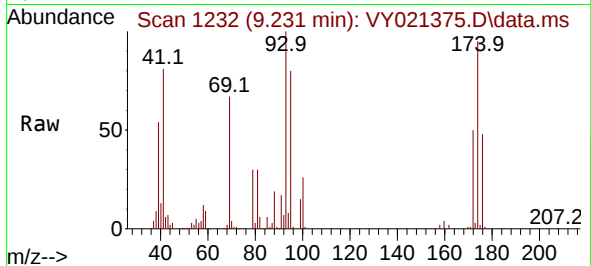
Tgt Ion: 41 Resp: 55255
Ion Ratio Lower Upper
41 100
69 81.1 63.3 94.9
39 63.9 45.0 67.6





#49
1,4-Dioxane
Concen: 987.591 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

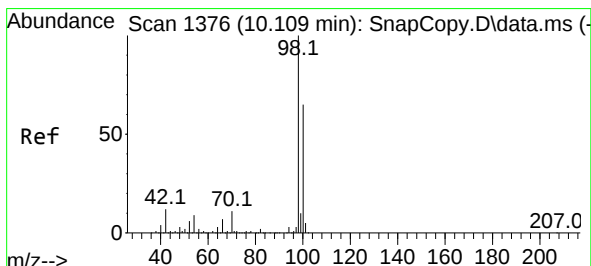
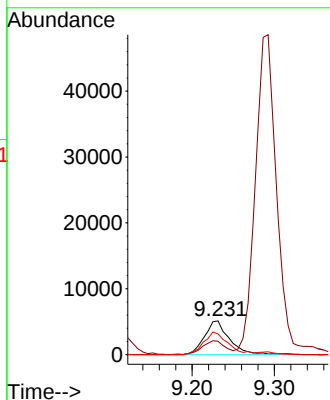
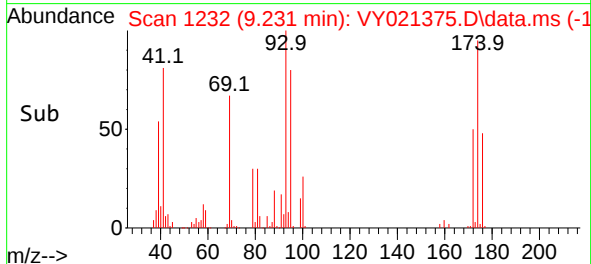
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 10744
Ion Ratio Lower Upper
88 100
43 39.0 34.8 52.2
58 65.8 59.8 89.6

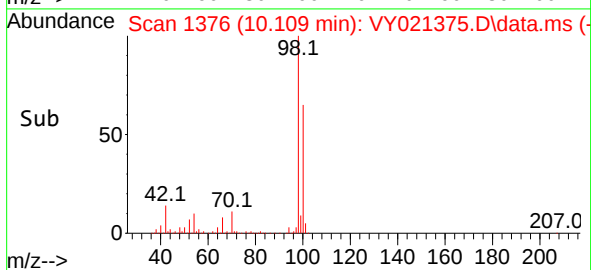
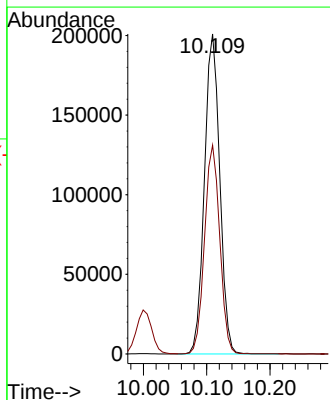
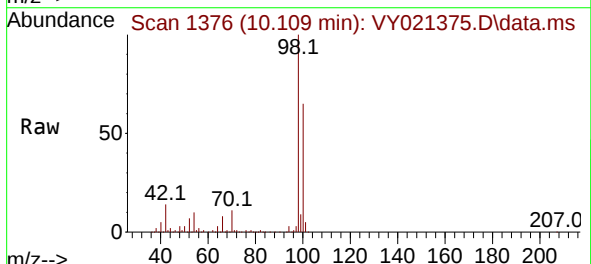
Manual Integrations
APPROVED

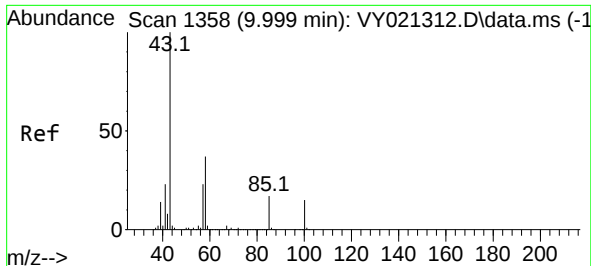
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#50
Toluene-d8
Concen: 52.386 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Tgt Ion: 98 Resp: 339126
Ion Ratio Lower Upper
98 100
100 64.9 52.4 78.6





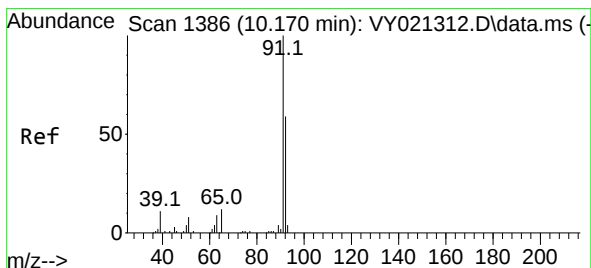
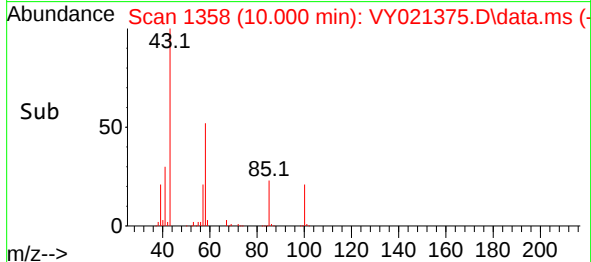
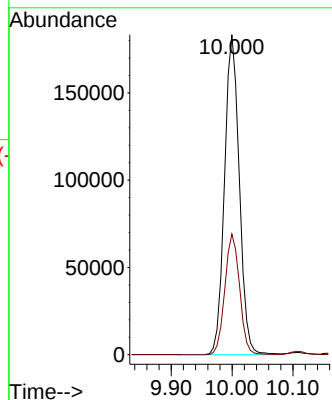
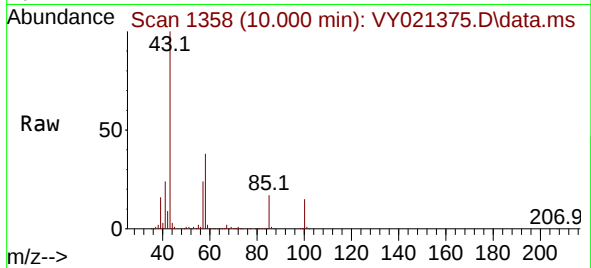
#51
4-Methyl-2-Pentanone
Concen: 249.526 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 309430
Ion Ratio Lower Upper
43 100
58 37.6 30.1 45.1

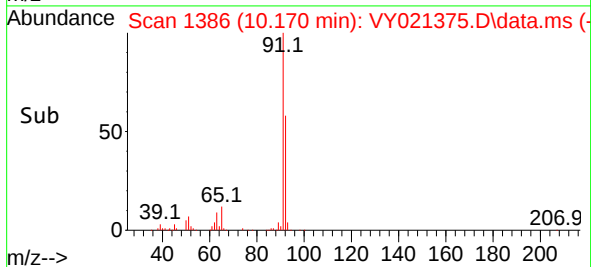
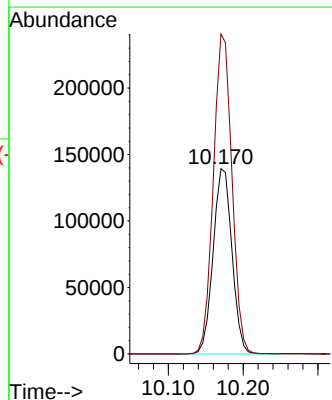
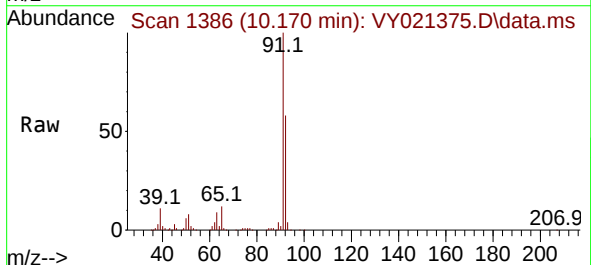
Manual Integrations
APPROVED

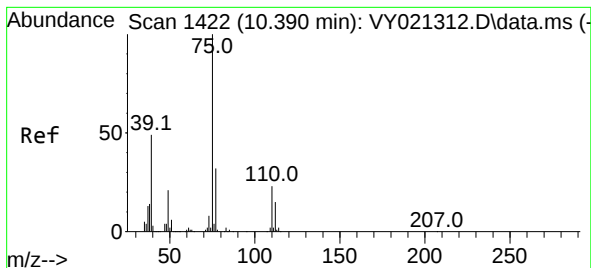
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#52
Toluene
Concen: 52.795 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

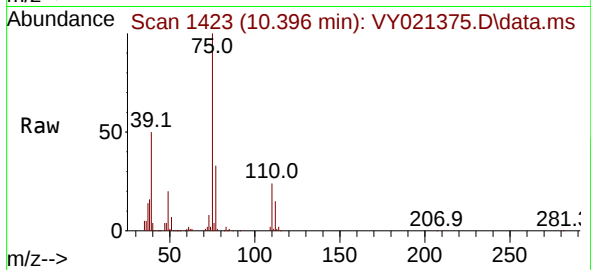
Tgt Ion: 92 Resp: 243944
Ion Ratio Lower Upper
92 100
91 170.6 137.8 206.8





#53
t-1,3-Dichloropropene
Concen: 52.124 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

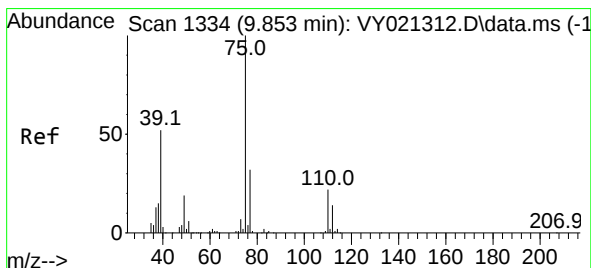
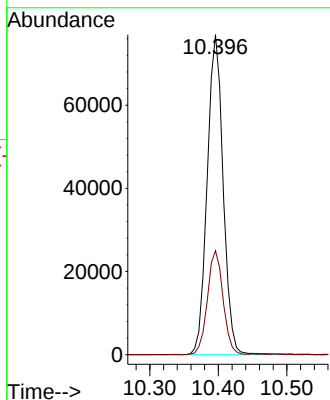
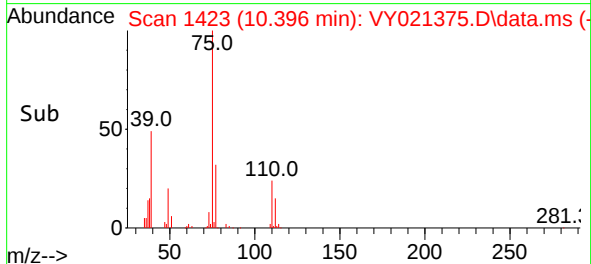
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



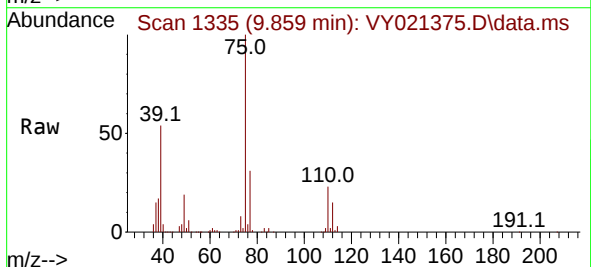
Tgt Ion: 75 Resp: 124583
Ion Ratio Lower Upper
75 100
77 32.4 25.3 37.9

Manual Integrations
APPROVED

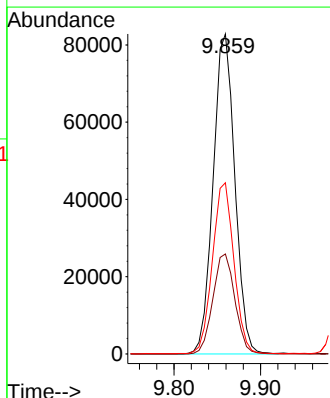
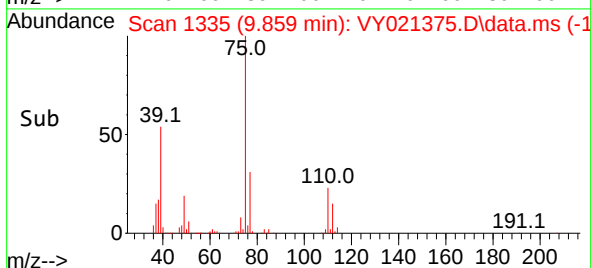
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

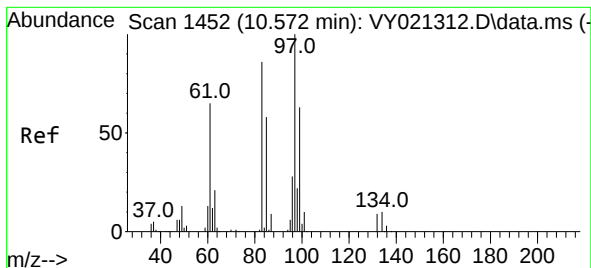


#54
cis-1,3-Dichloropropene
Concen: 51.138 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44



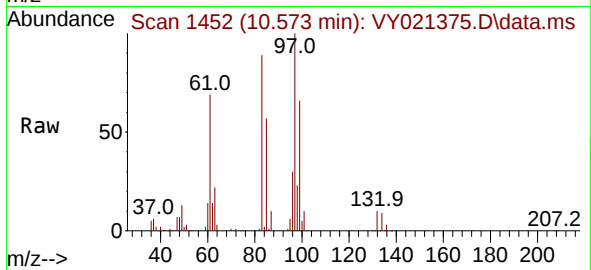
Tgt Ion: 75 Resp: 144293
Ion Ratio Lower Upper
75 100
77 31.2 25.7 38.5
39 53.4 41.8 62.6





#55
1,1,2-Trichloroethane
Concen: 50.869 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

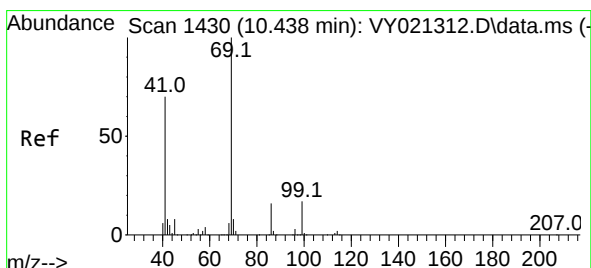
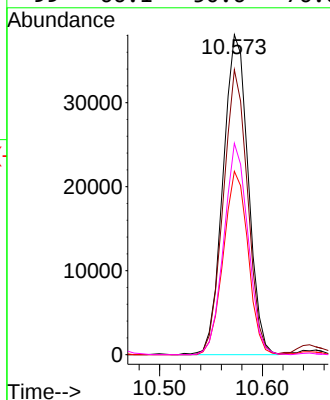
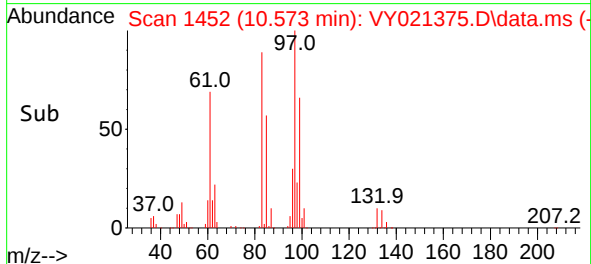
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



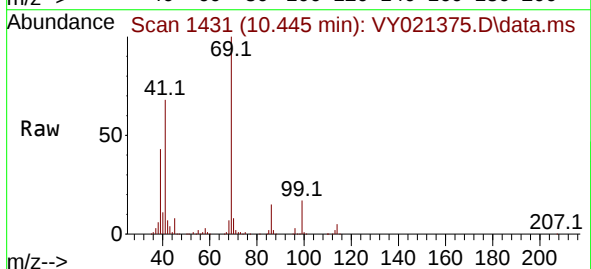
Tgt Ion: 97 Resp: 6483
Ion Ratio Lower Upper
97 100
83 89.0 68.7 103.1
85 57.3 46.3 69.5
99 66.1 50.6 76.0

Manual Integrations
APPROVED

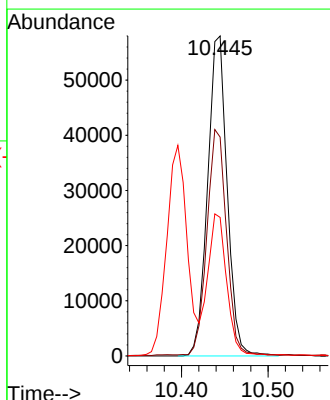
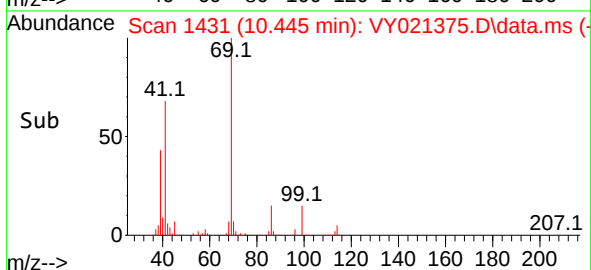
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

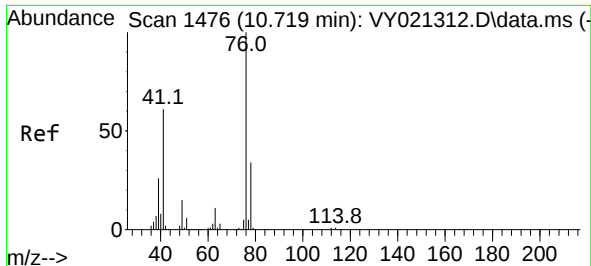


#56
Ethyl methacrylate
Concen: 51.680 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44



Tgt Ion: 69 Resp: 91017
Ion Ratio Lower Upper
69 100
41 71.1 56.2 84.4
39 42.1 32.7 49.1





#57

1,3-Dichloropropane

Concen: 51.430 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 115030

Ion Ratio Lower Upper

76 100

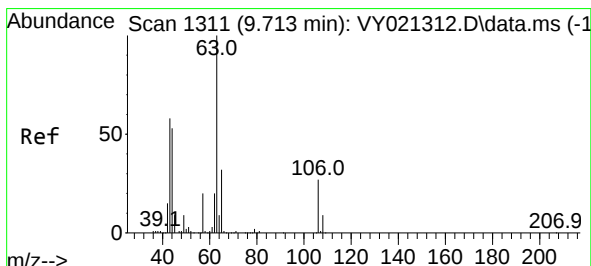
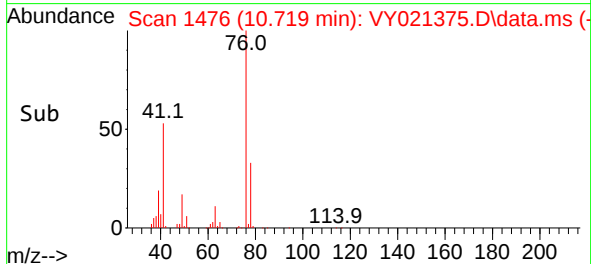
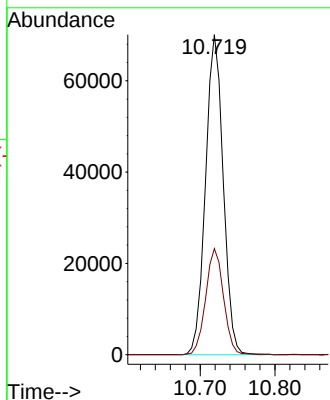
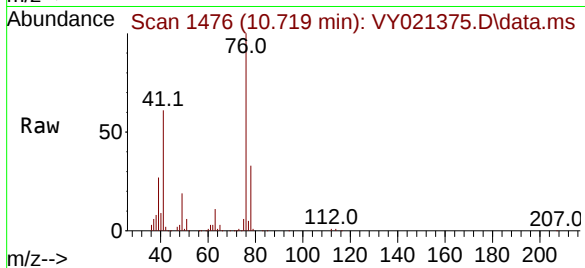
78 33.4 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2025

Supervised By :Mahesh Dadoda 03/03/2025



#58

2-Chloroethyl Vinyl ether

Concen: 257.917 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021375.D

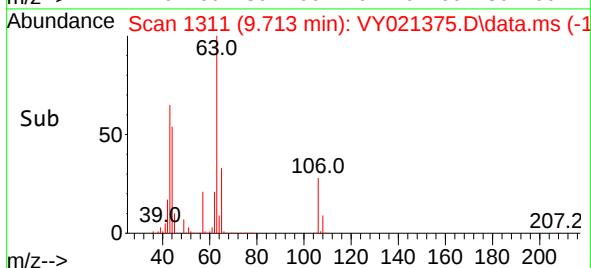
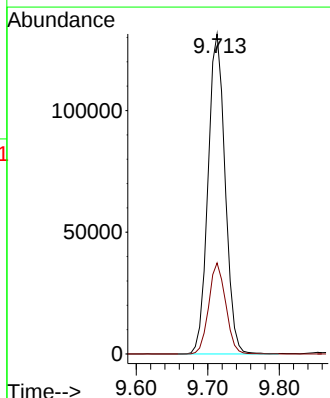
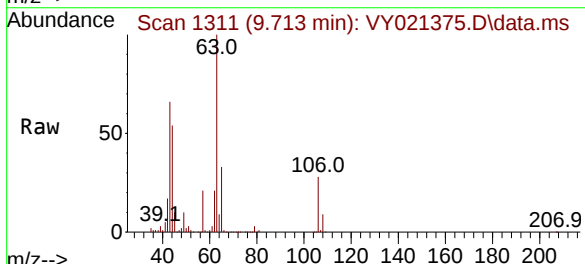
Acq: 28 Feb 2025 09:44

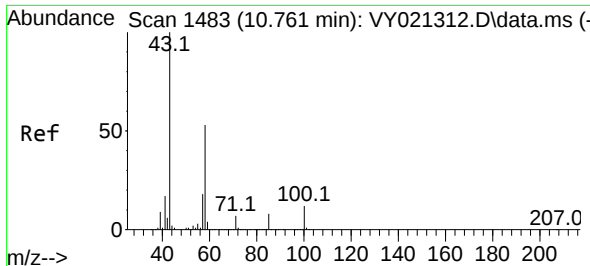
Tgt Ion: 63 Resp: 218026

Ion Ratio Lower Upper

63 100

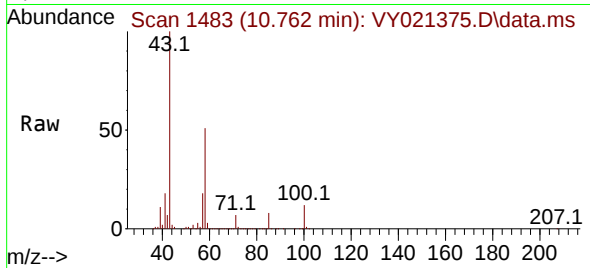
106 28.1 21.7 32.5





#59
2-Hexanone
Concen: 263.746 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

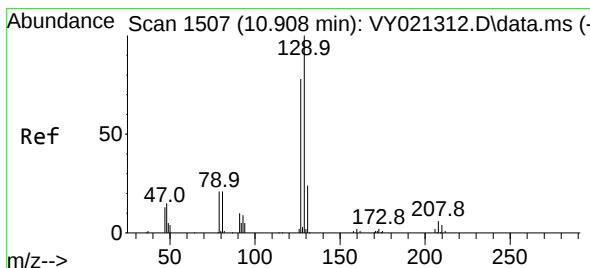
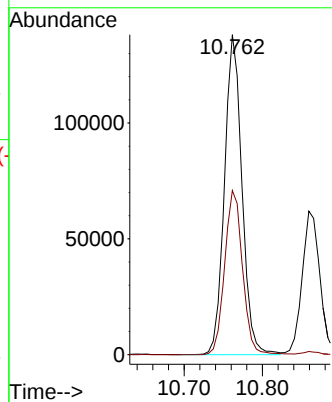
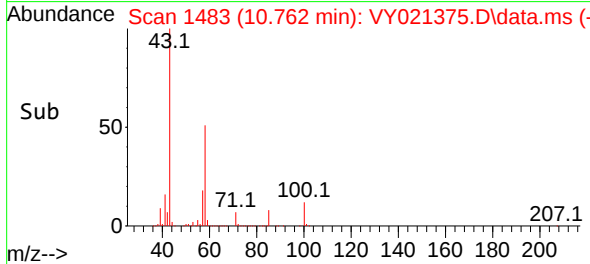
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 214799
Ion Ratio Lower Upper
43 100
58 52.4 25.9 77.6

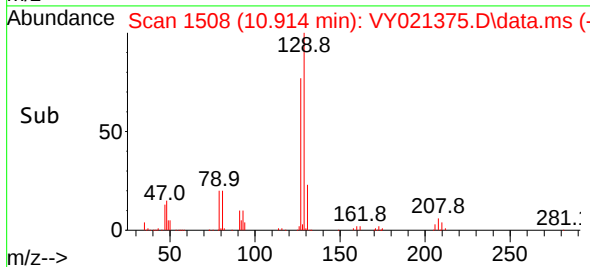
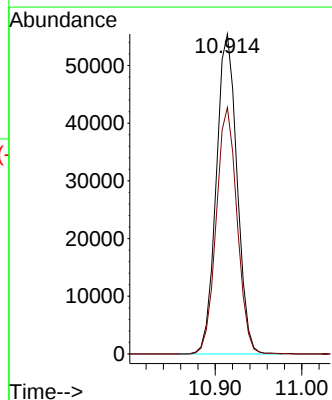
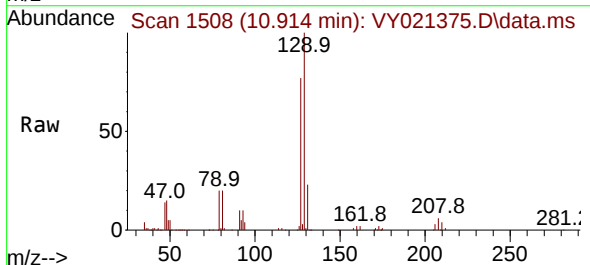
Manual Integrations
APPROVED

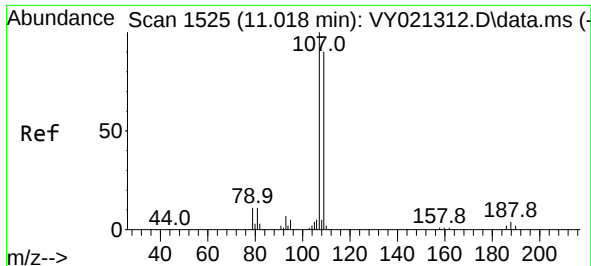
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#60
Dibromochloromethane
Concen: 53.214 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

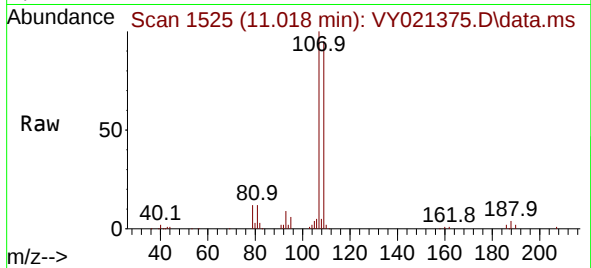
Tgt Ion:129 Resp: 92375
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 50.958 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

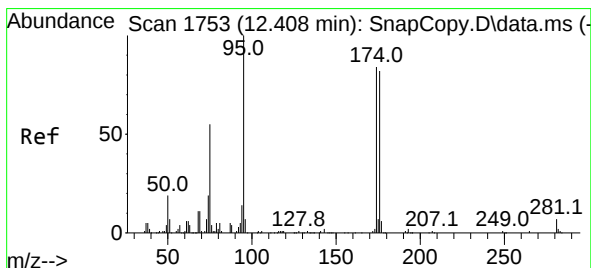
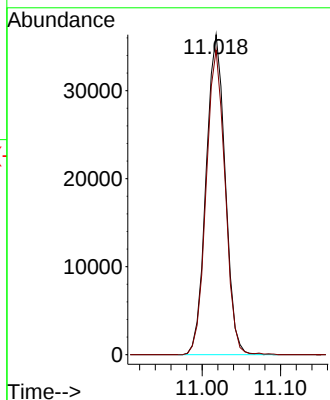
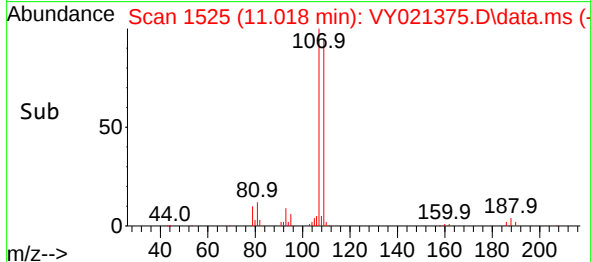
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



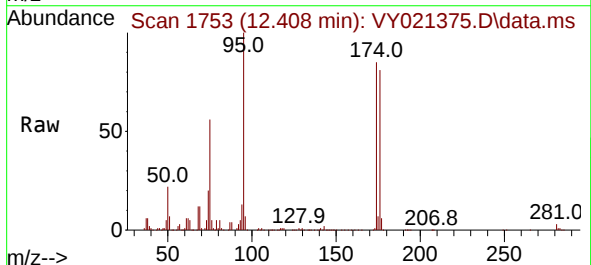
Tgt Ion:107 Resp: 61490
Ion Ratio Lower Upper
107 100
109 93.9 73.8 110.8

Manual Integrations
APPROVED

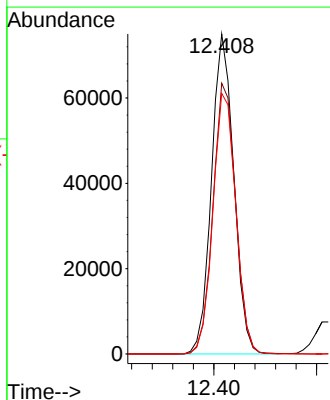
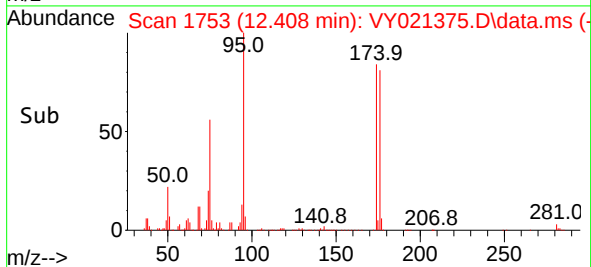
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

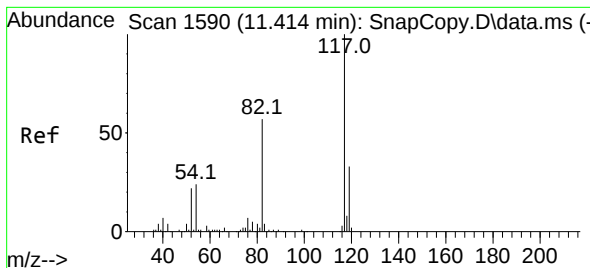


#62
4-Bromofluorobenzene
Concen: 51.750 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44



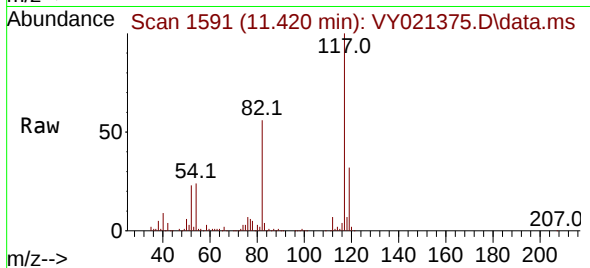
Tgt Ion: 95 Resp: 112745
Ion Ratio Lower Upper
95 100
174 86.3 0.0 168.0
176 83.8 0.0 162.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

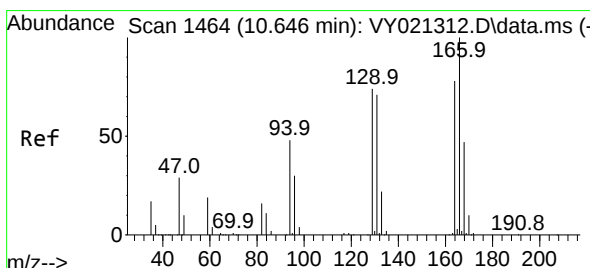
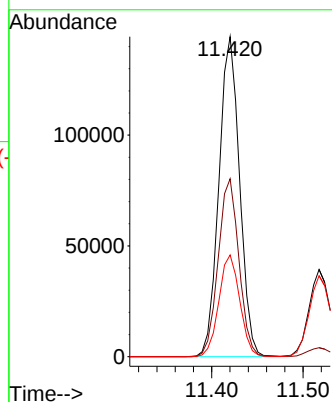
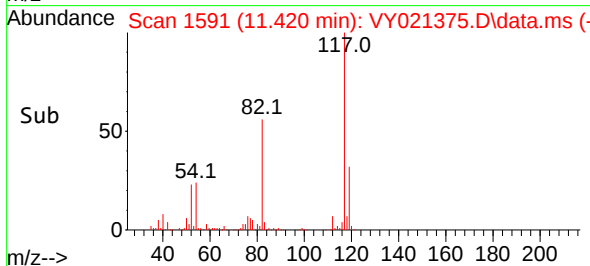
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 227302
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 31.8 24.9 37.3

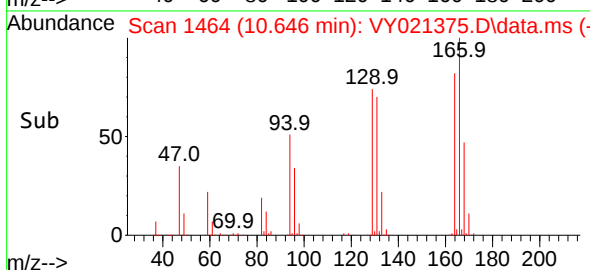
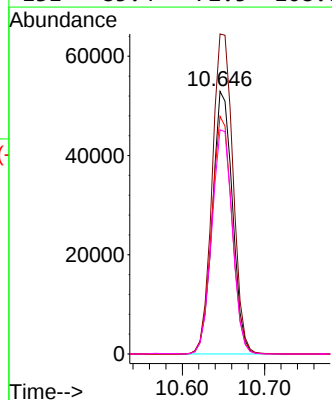
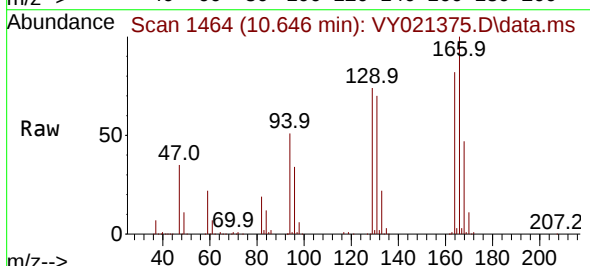
Manual Integrations
APPROVED

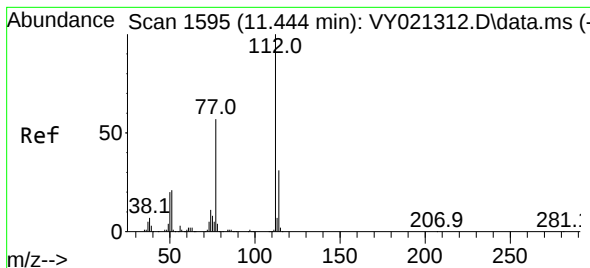
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#64
Tetrachloroethene
Concen: 52.180 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

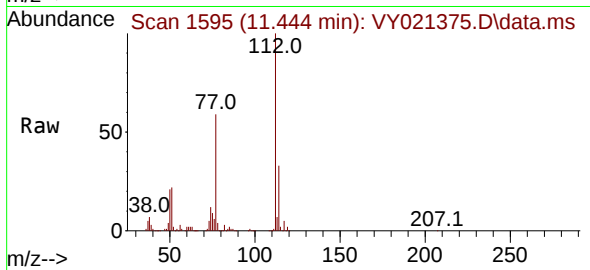
Tgt Ion:164 Resp: 89648
Ion Ratio Lower Upper
164 100
166 121.8 101.9 152.9
129 90.4 75.5 113.3
131 85.4 72.5 108.7





#65
Chlorobenzene
Concen: 51.394 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

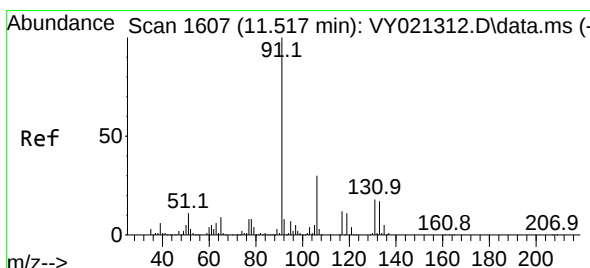
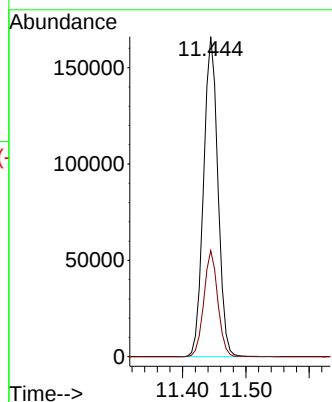
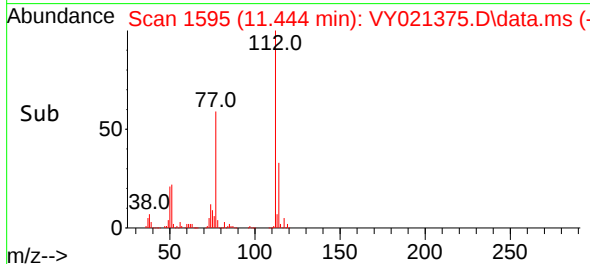
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



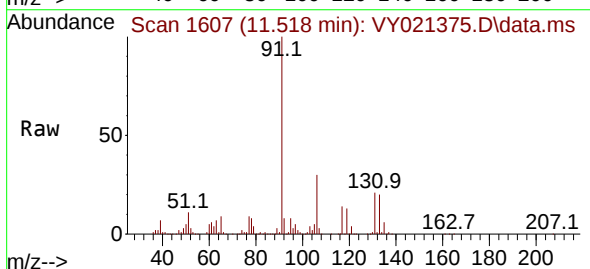
Tgt Ion:112 Resp: 26222
Ion Ratio Lower Upper
112 100
114 33.2 25.0 37.6

Manual Integrations
APPROVED

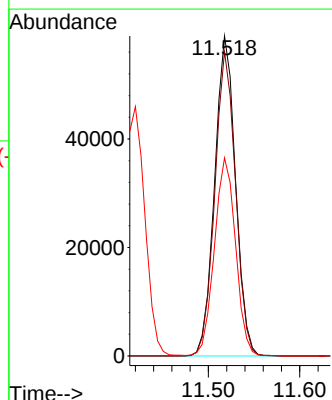
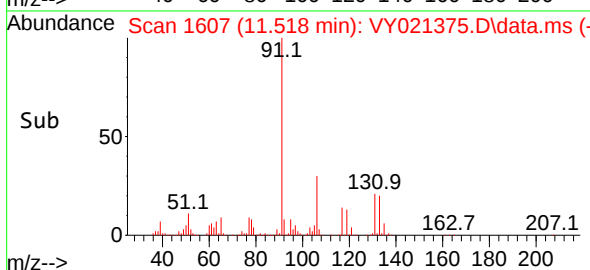
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

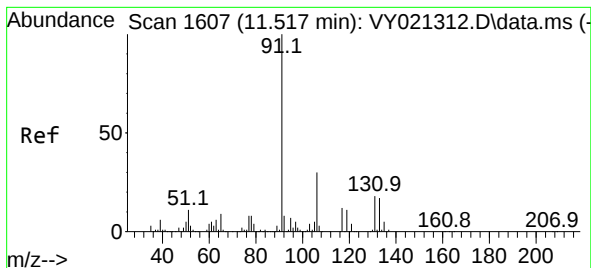


#66
1,1,1,2-Tetrachloroethane
Concen: 52.434 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44



Tgt Ion:131 Resp: 93678
Ion Ratio Lower Upper
131 100
133 94.5 47.9 143.6
119 62.8 31.7 95.1





#67

Ethyl Benzene

Concen: 51.326 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 46386

Ion Ratio Lower Upper

91 100

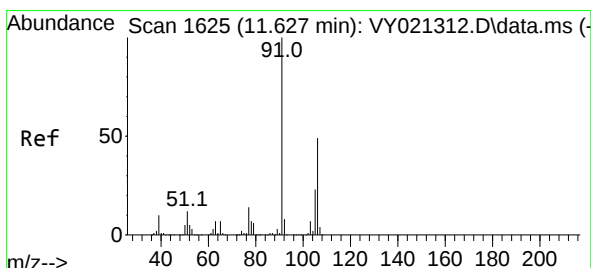
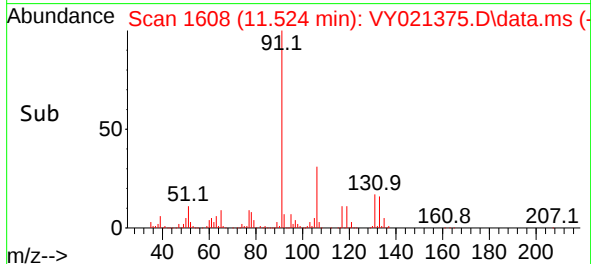
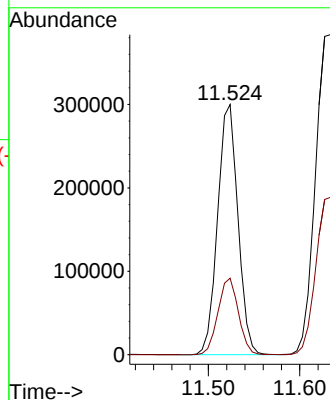
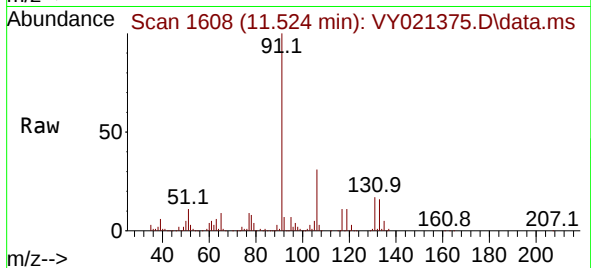
106 30.6 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2025

Supervised By :Mahesh Dadoda 03/03/2025



#68

m/p-Xylenes

Concen: 103.688 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY021375.D

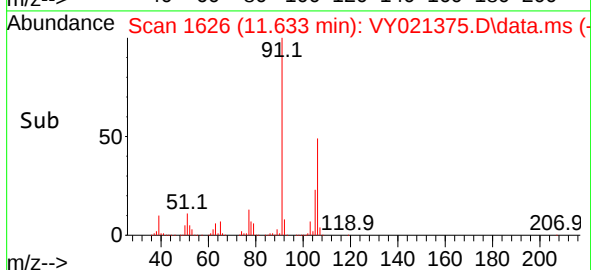
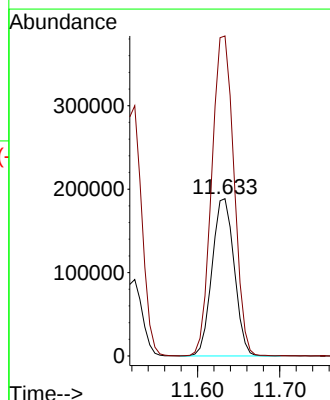
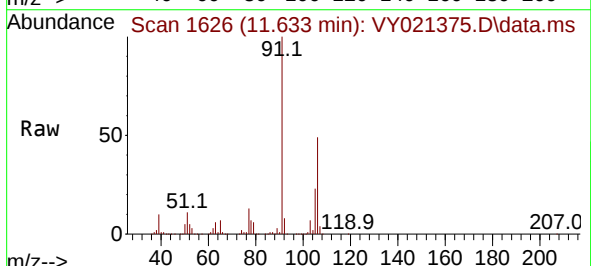
Acq: 28 Feb 2025 09:44

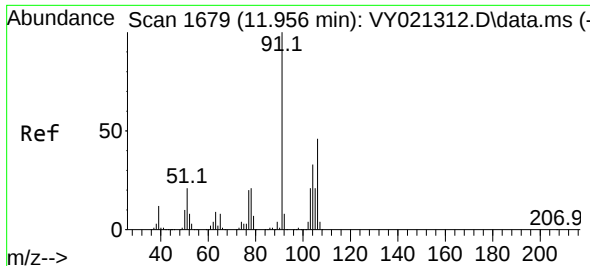
Tgt Ion:106 Resp: 352476

Ion Ratio Lower Upper

106 100

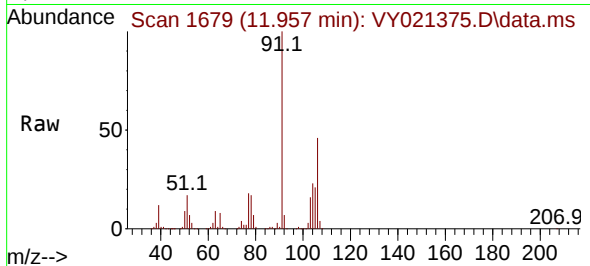
91 204.6 163.9 245.9





#69
o-Xylene
Concen: 51.528 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

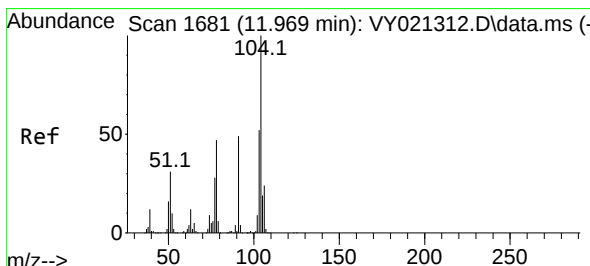
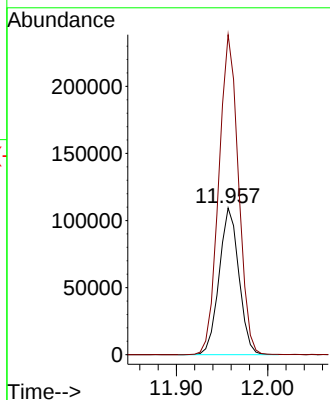
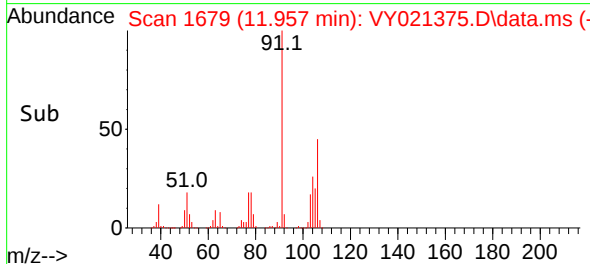
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



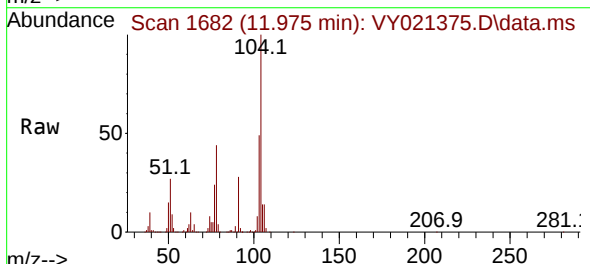
Tgt Ion:106 Resp: 164095
Ion Ratio Lower Upper
106 100
91 217.9 108.1 324.2

Manual Integrations
APPROVED

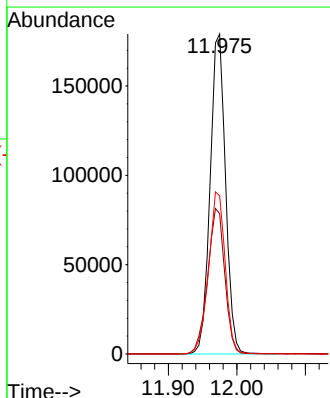
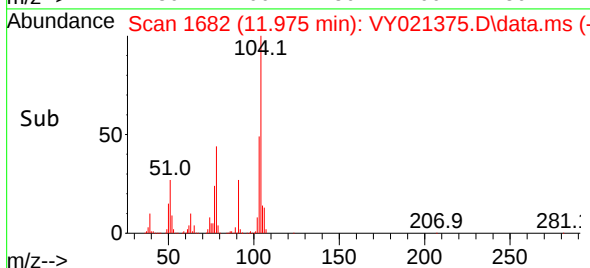
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#70
Styrene
Concen: 52.962 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44



Tgt Ion:104 Resp: 280622
Ion Ratio Lower Upper
104 100
78 50.7 41.3 61.9
103 54.7 43.9 65.9





#71

Bromoform

Concen: 51.622 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

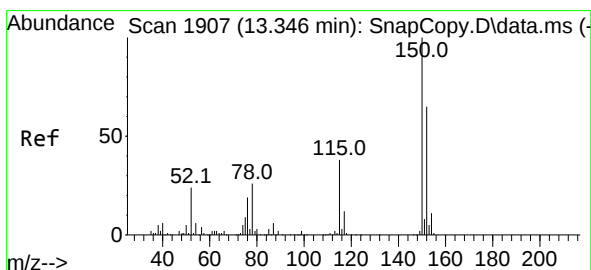
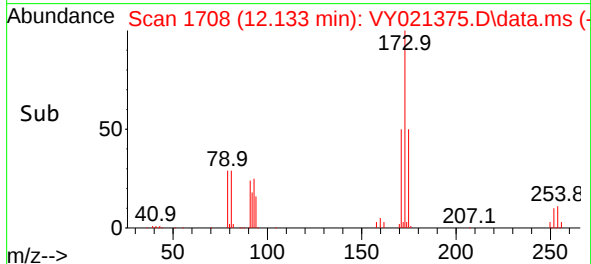
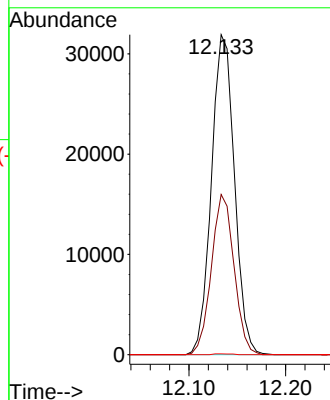
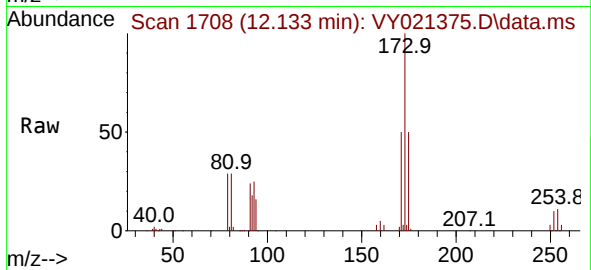
Tgt Ion:	173	Resp:	5276
Ion Ratio	Lower	Upper	
173	100		
175	49.2	24.1	72.3
254	0.2	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2025

Supervised By :Mahesh Dadoda 03/03/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

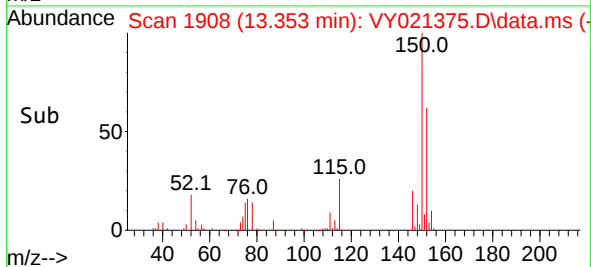
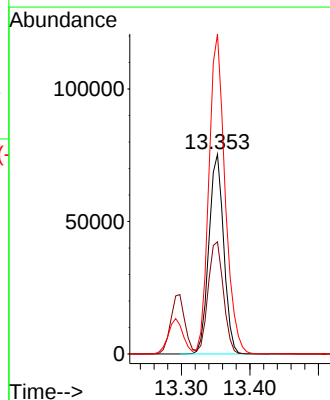
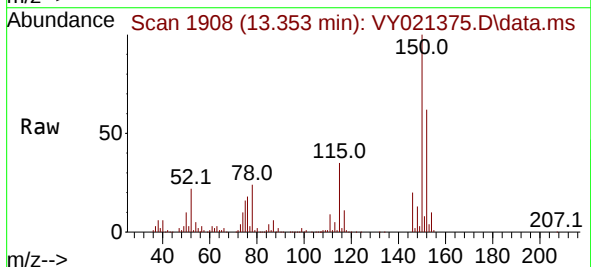
RT: 13.353 min Scan# 1908

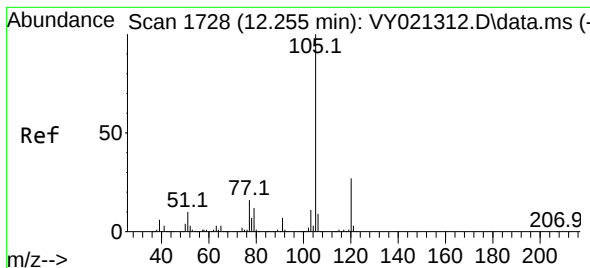
Delta R.T. 0.006 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Tgt Ion:	152	Resp:	113605
Ion Ratio	Lower	Upper	
152	100		
115	57.9	29.3	88.0
150	174.6	0.0	347.4





#73

Isopropylbenzene

Concen: 51.354 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 438599

Ion Ratio Lower Upper

105 100

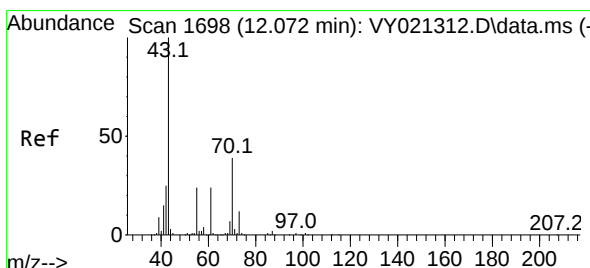
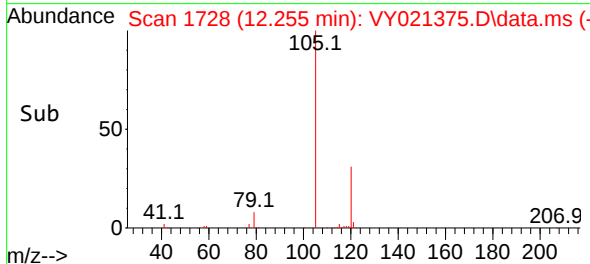
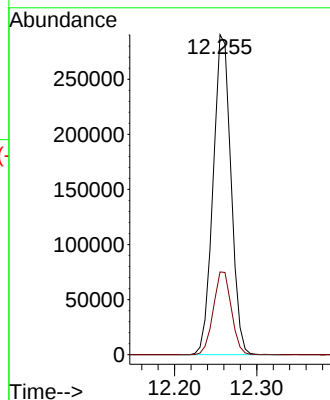
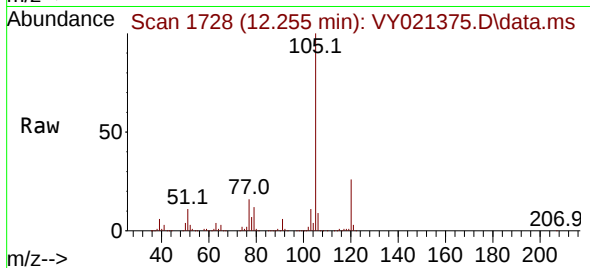
120 26.1 13.3 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2025

Supervised By :Mahesh Dadoda 03/03/2025



#74

N-ethyl acetate

Concen: 48.742 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Tgt Ion: 43 Resp: 105812

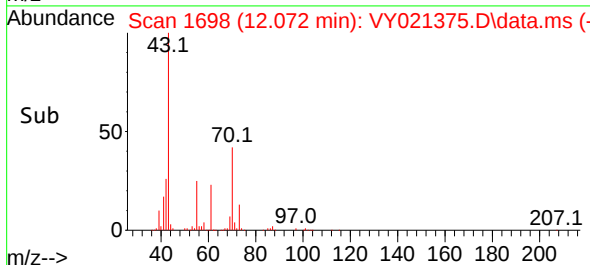
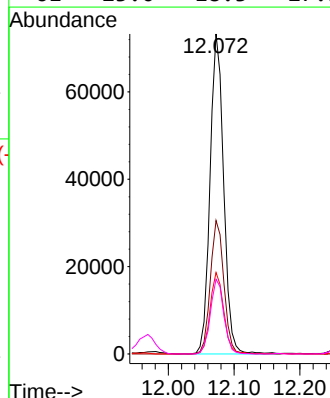
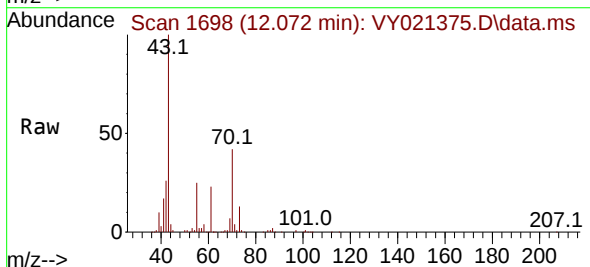
Ion Ratio Lower Upper

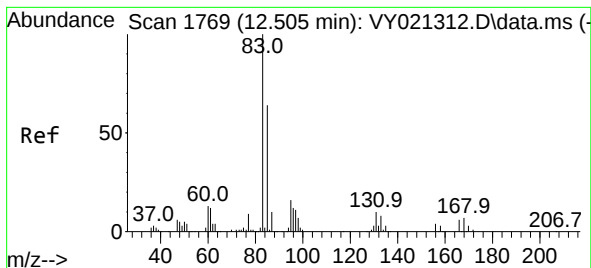
43 100

70 41.4 32.2 48.2

55 25.5 19.6 29.4

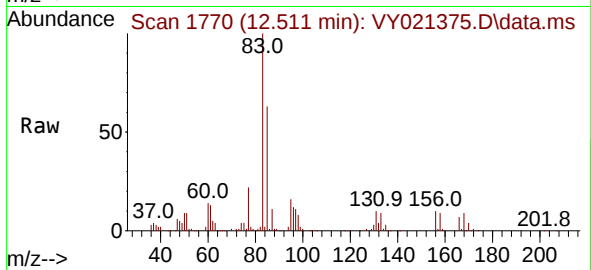
61 23.0 18.3 27.5





#75
1,1,2,2-Tetrachloroethane
Concen: 49.325 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

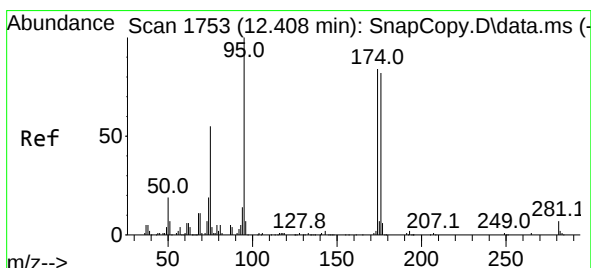
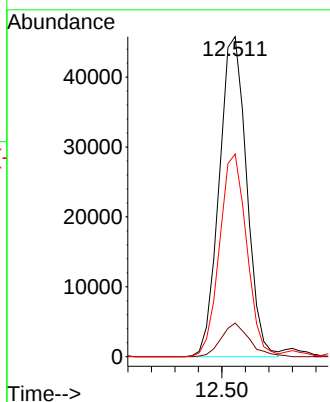
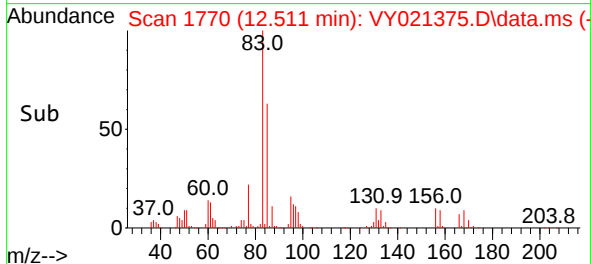
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 74349
Ion Ratio Lower Upper
83 100
131 10.8 5.2 15.6
85 62.7 32.0 96.0

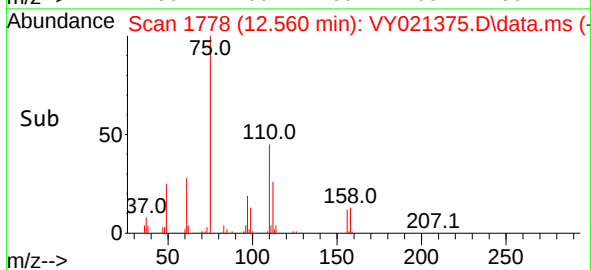
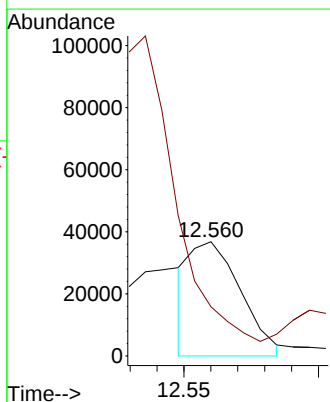
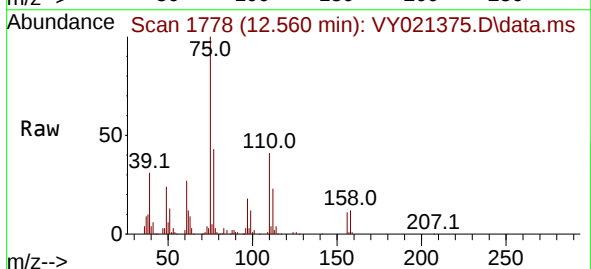
Manual Integrations
APPROVED

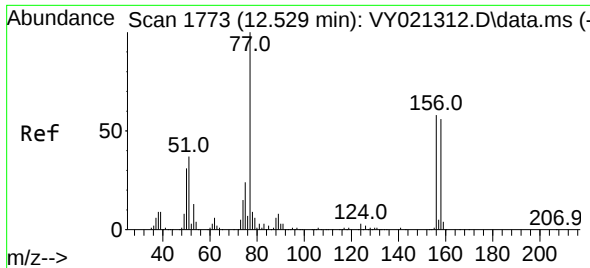
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#76
1,2,3-Trichloropropane
Concen: 42.616 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

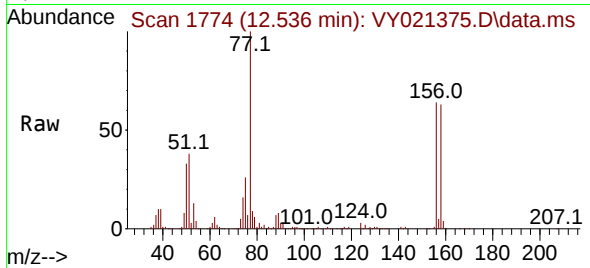
Tgt Ion: 75 Resp: 48460
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 51.947 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

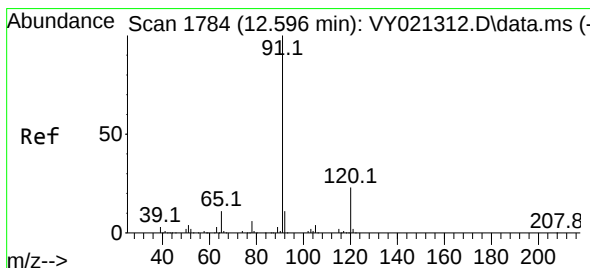
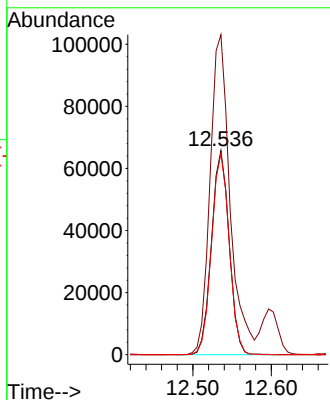
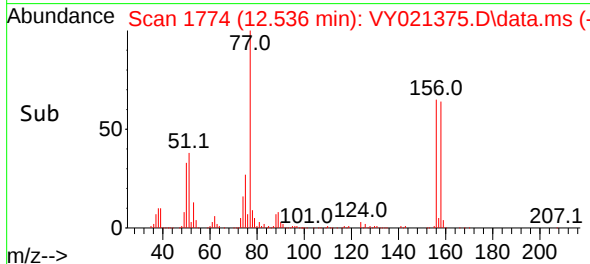
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 103195
Ion Ratio Lower Upper
156 100
77 177.0 94.0 282.1
158 98.3 48.7 146.1

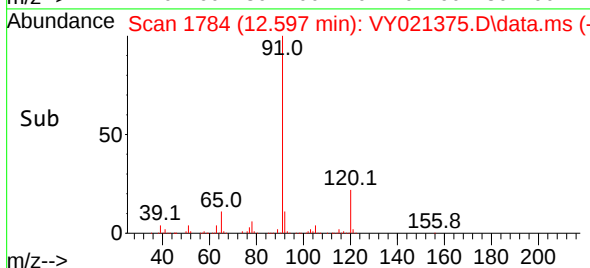
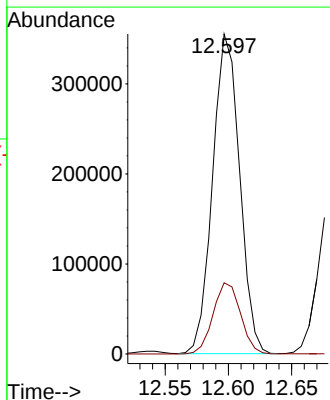
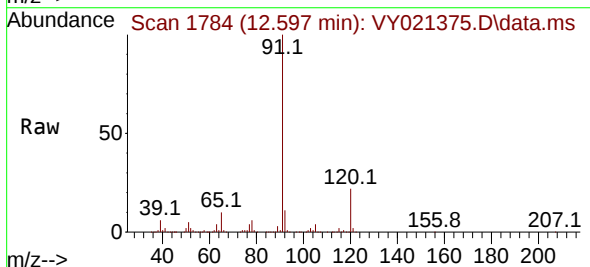
Manual Integrations
APPROVED

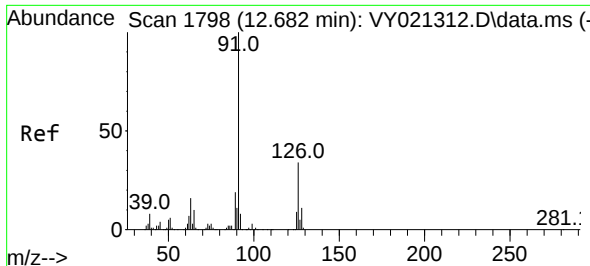
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#78
n-propylbenzene
Concen: 50.847 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

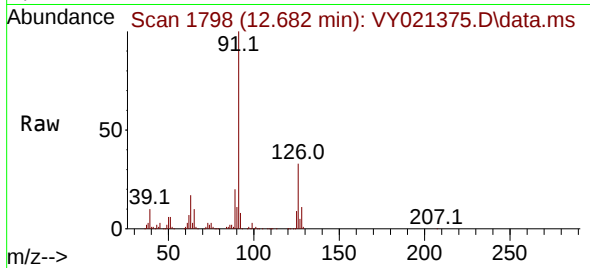
Tgt Ion: 91 Resp: 526975
Ion Ratio Lower Upper
91 100
120 22.6 11.2 33.5





#79
2-Chlorotoluene
Concen: 50.185 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

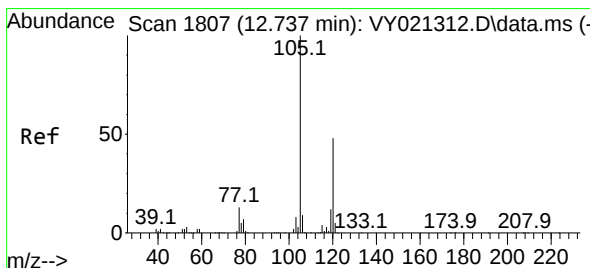
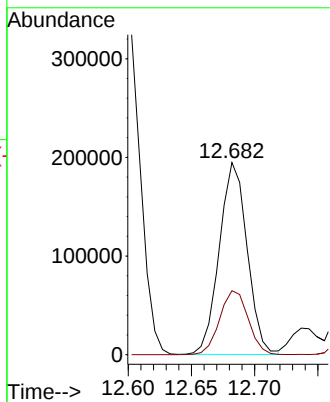
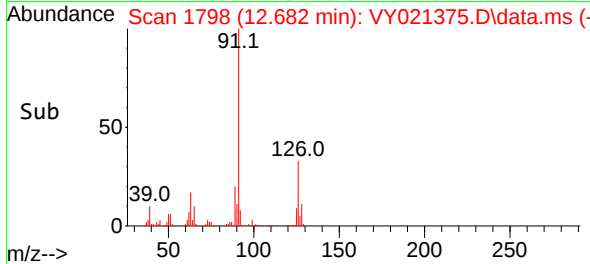
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



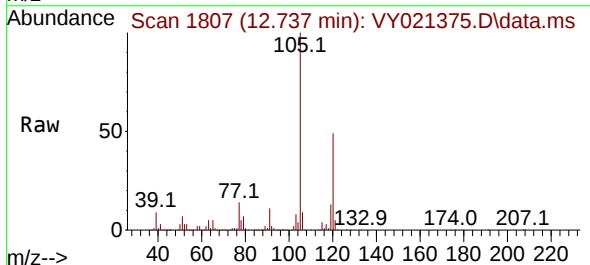
Tgt Ion: 91 Resp: 298498
Ion Ratio Lower Upper
91 100
126 34.1 16.9 50.6

Manual Integrations
APPROVED

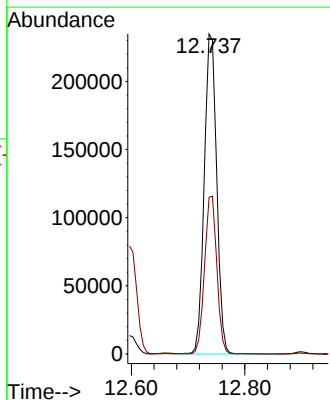
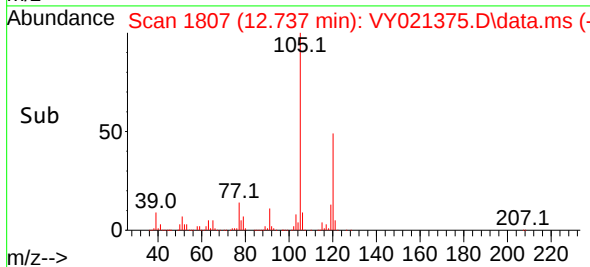
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

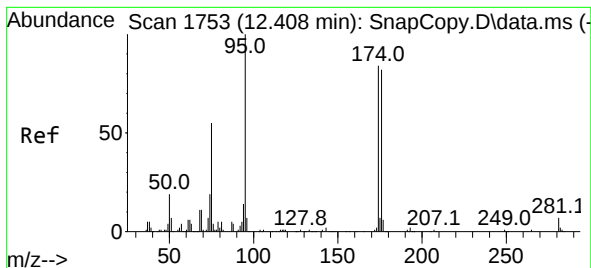


#80
1,3,5-Trimethylbenzene
Concen: 51.032 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44



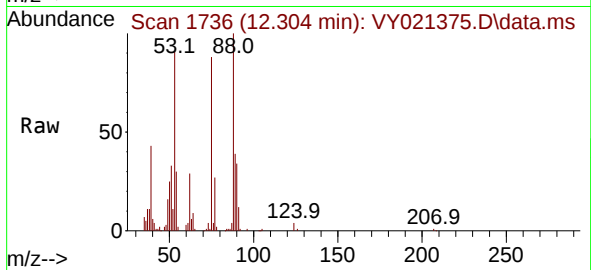
Tgt Ion:105 Resp: 357472
Ion Ratio Lower Upper
105 100
120 48.9 24.3 73.0





#81
trans-1,4-Dichloro-2-butene
Concen: 46.995 ug/l
RT: 12.304 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

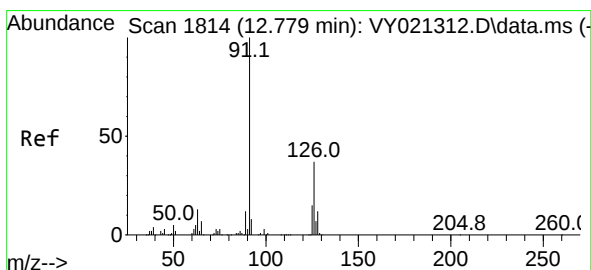
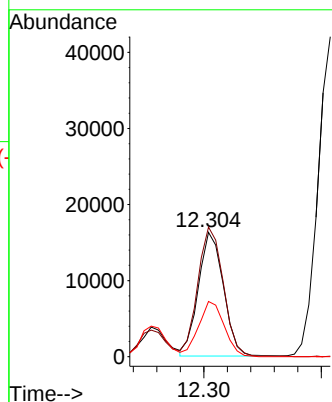
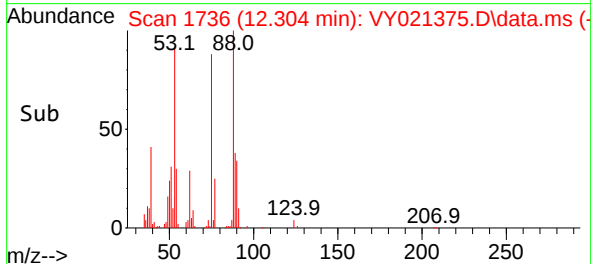
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 2404
Ion Ratio Lower Upper
75 100
53 107.6 79.1 118.7
89 46.0 35.6 53.4

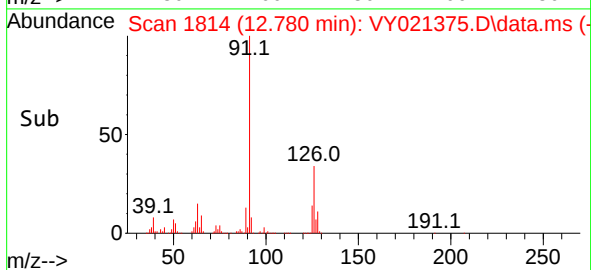
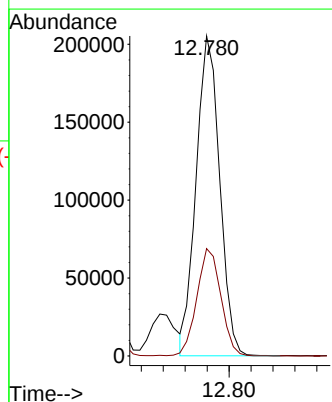
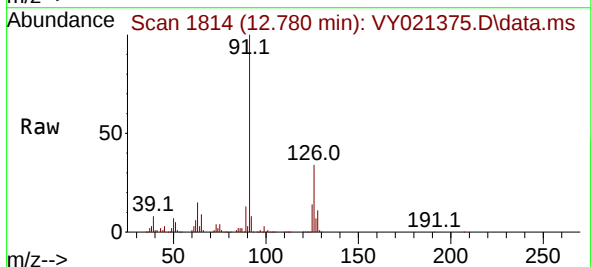
Manual Integrations
APPROVED

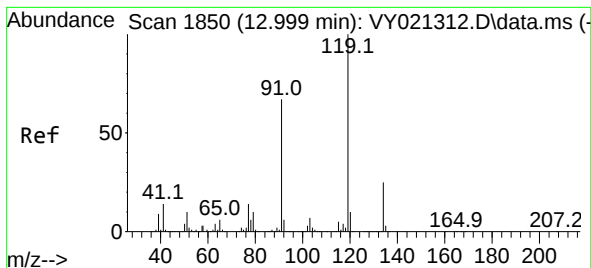
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#82
4-Chlorotoluene
Concen: 49.658 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

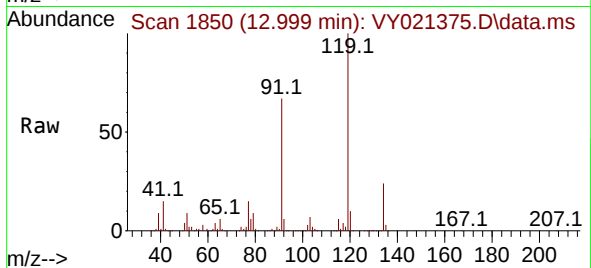
Tgt Ion: 91 Resp: 306178
Ion Ratio Lower Upper
91 100
126 34.4 16.8 50.4





#83
tert-Butylbenzene
Concen: 49.632 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

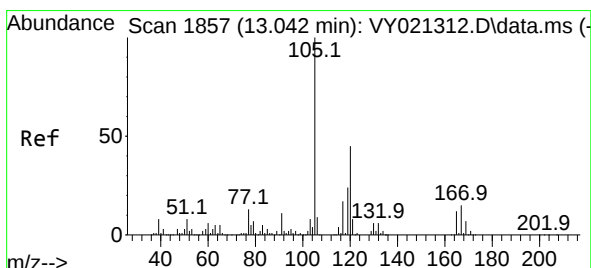
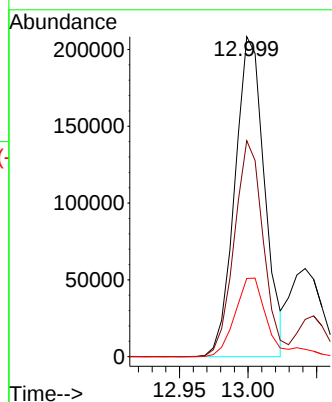
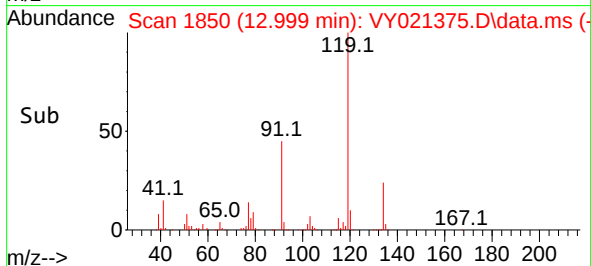
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



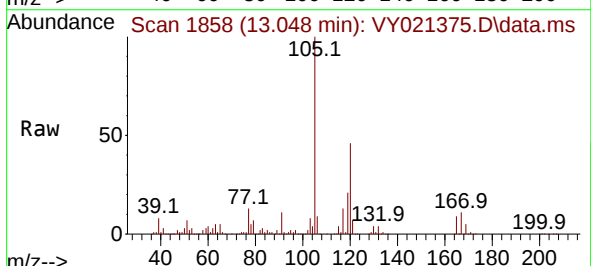
Tgt Ion:119 Resp: 314049
Ion Ratio Lower Upper
119 100
91 66.3 32.7 98.1
134 27.4 13.3 39.9

Manual Integrations
APPROVED

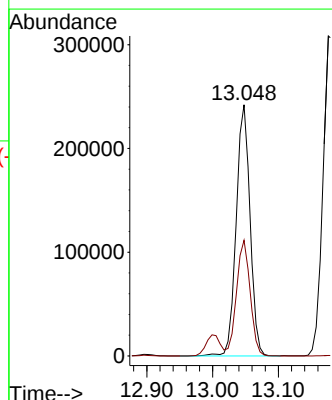
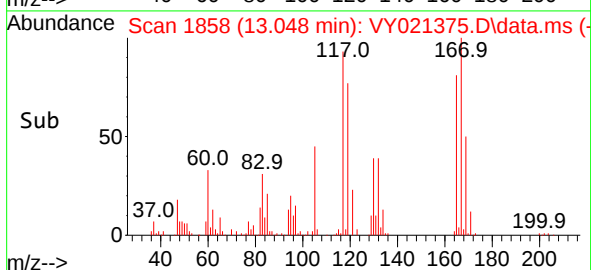
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

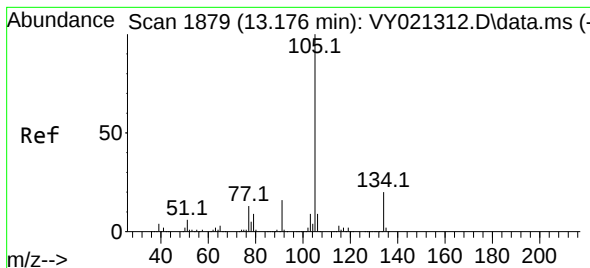


#84
1,2,4-Trimethylbenzene
Concen: 50.892 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44



Tgt Ion:105 Resp: 354550
Ion Ratio Lower Upper
105 100
120 45.5 22.4 67.3





#85

sec-Butylbenzene

Concen: 49.819 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 460459

Ion Ratio Lower Upper

105 100

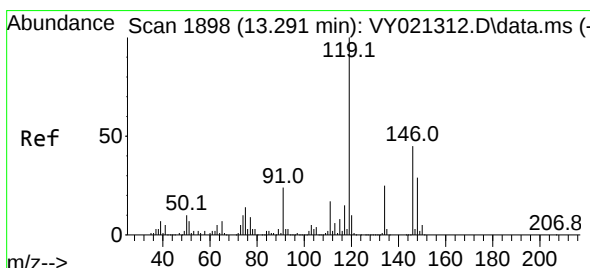
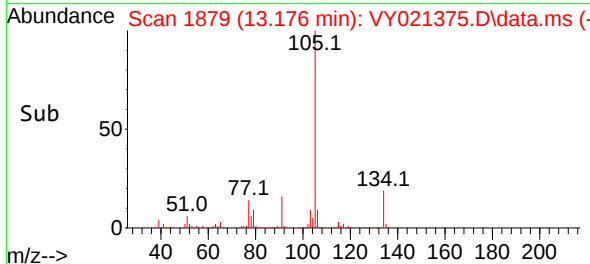
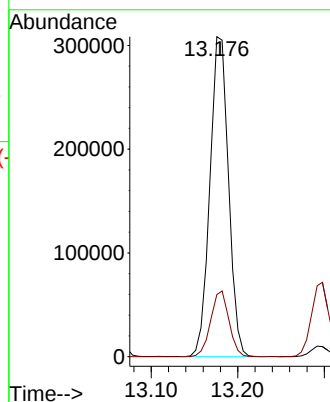
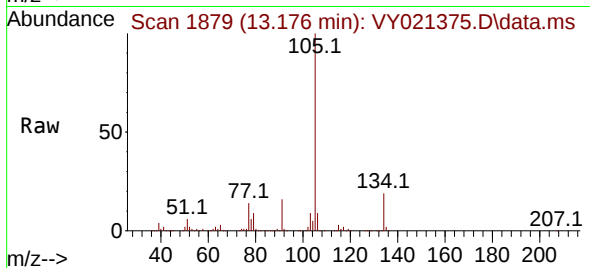
134 20.2 10.0 30.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2025

Supervised By :Mahesh Dadoda 03/03/2025



#86

p-Isopropyltoluene

Concen: 50.472 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

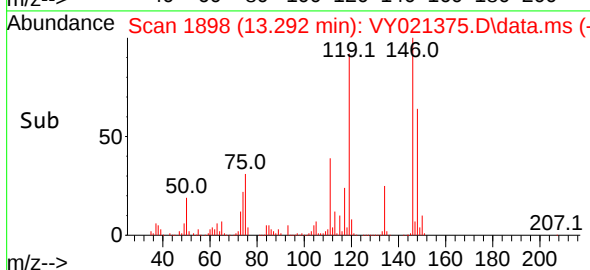
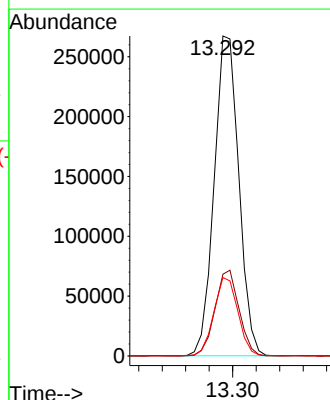
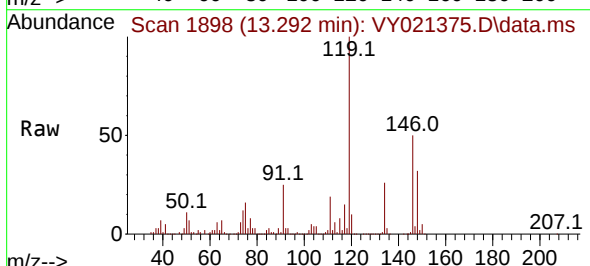
Tgt Ion:119 Resp: 389522

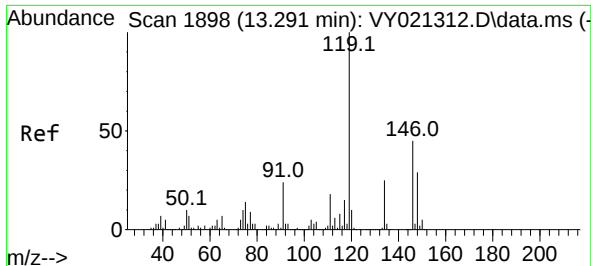
Ion Ratio Lower Upper

119 100

134 26.2 13.0 38.9

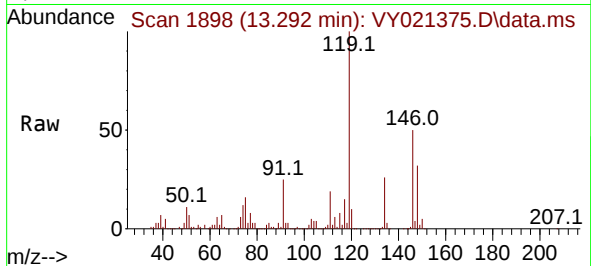
91 23.9 12.0 36.1





#87
1,3-Dichlorobenzene
Concen: 51.311 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

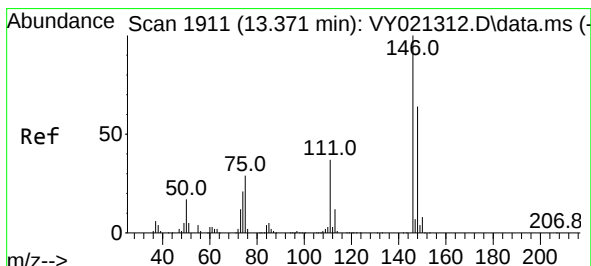
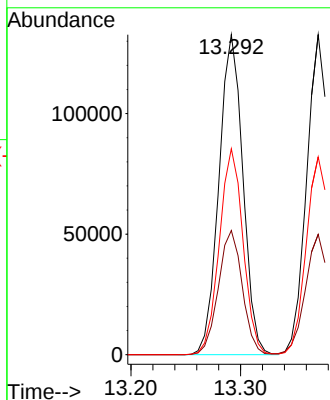
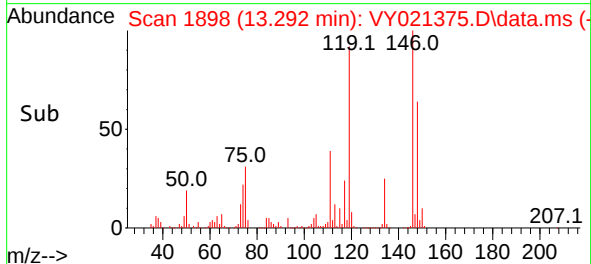
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



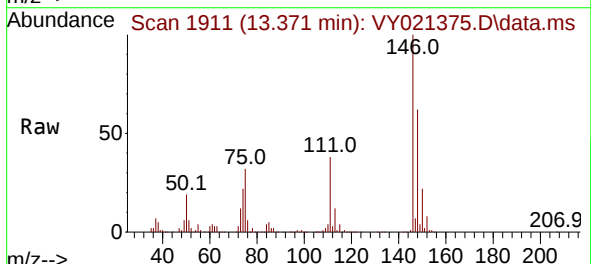
Tgt Ion:146 Resp: 20163
Ion Ratio Lower Upper
146 100
111 38.8 20.0 59.9
148 63.8 31.9 95.9

Manual Integrations
APPROVED

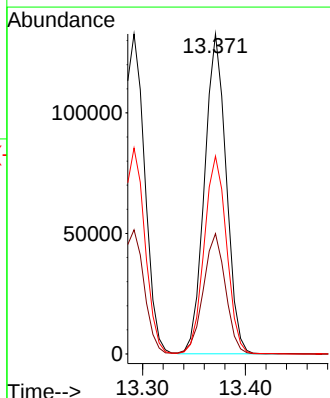
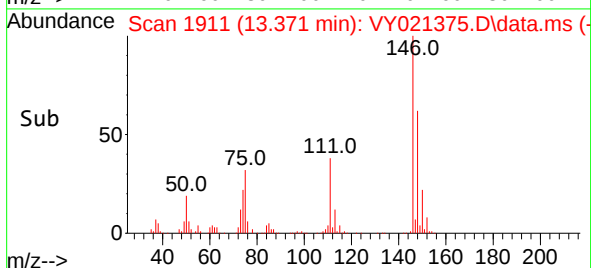
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

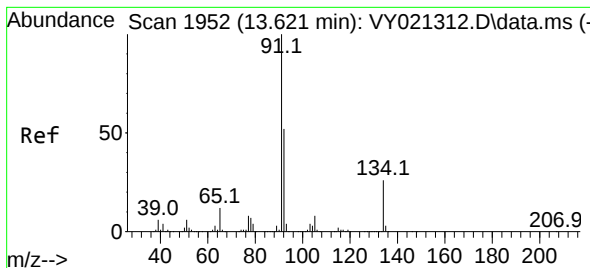


#88
1,4-Dichlorobenzene
Concen: 50.025 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44



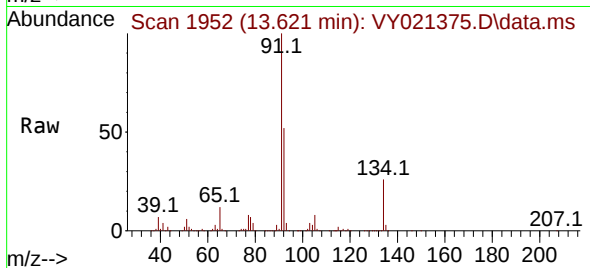
Tgt Ion:146 Resp: 194197
Ion Ratio Lower Upper
146 100
111 38.4 19.5 58.5
148 64.0 32.0 96.2





#89
n-Butylbenzene
Concen: 50.152 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

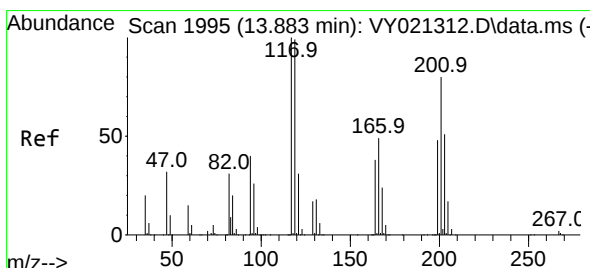
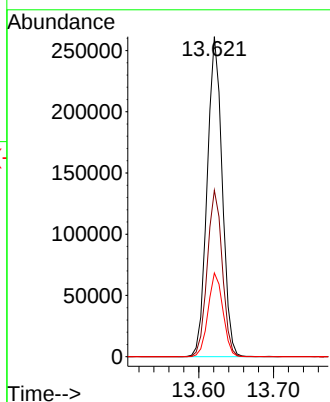
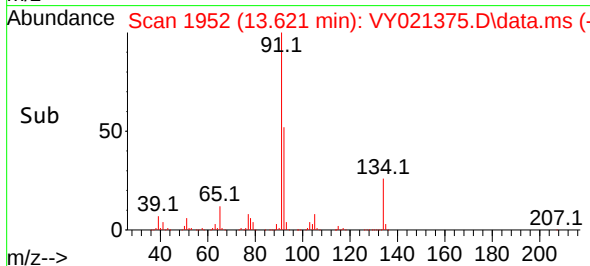
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 364238
Ion Ratio Lower Upper
91 100
92 52.0 26.4 79.2
134 25.8 12.7 38.0

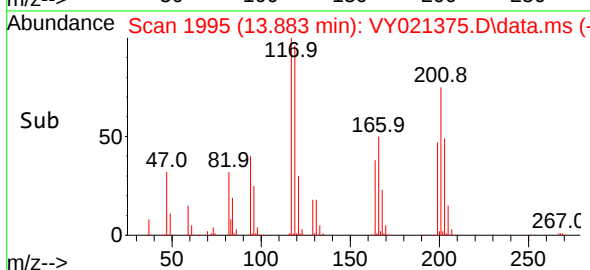
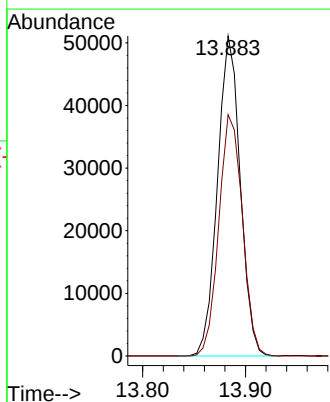
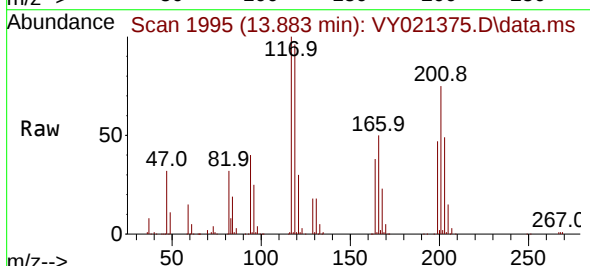
Manual Integrations
APPROVED

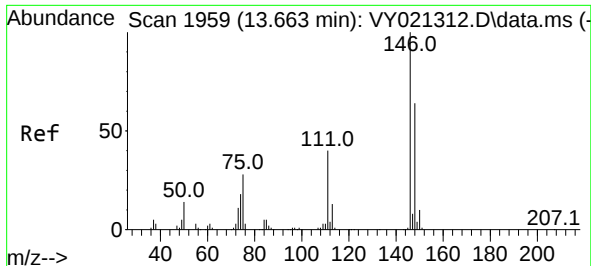
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#90
Hexachloroethane
Concen: 48.657 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

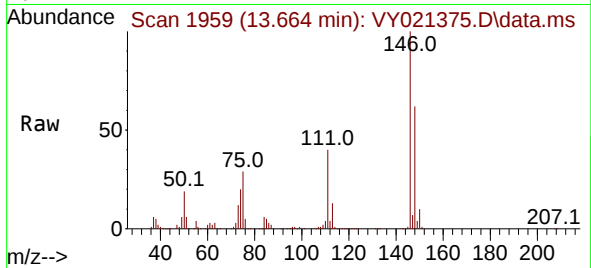
Tgt Ion:117 Resp: 78439
Ion Ratio Lower Upper
117 100
201 78.3 38.4 115.2





#91
1,2-Dichlorobenzene
Concen: 50.334 ug/l
RT: 13.664 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

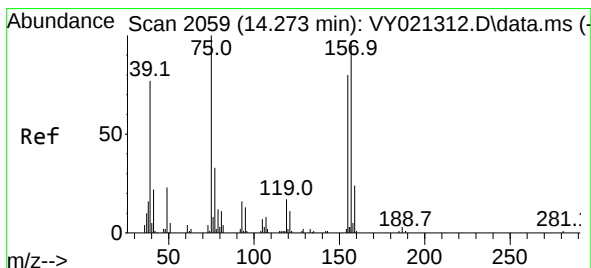
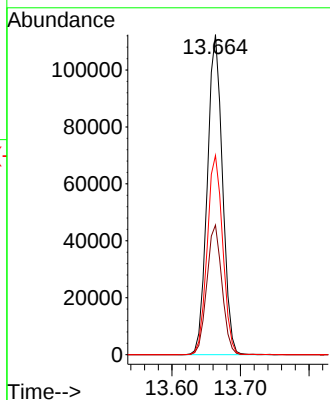
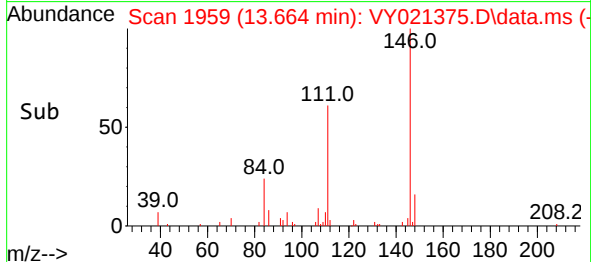
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



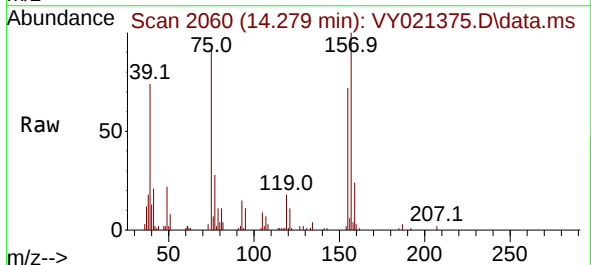
Tgt Ion:146 Resp: 173292
Ion Ratio Lower Upper
146 100
111 40.5 20.7 62.1
148 63.7 31.7 95.1

Manual Integrations
APPROVED

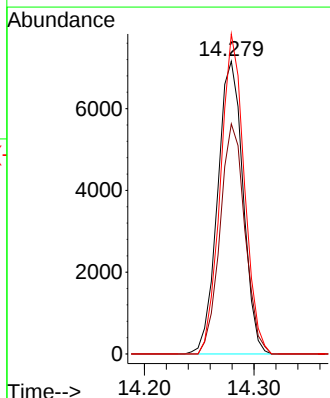
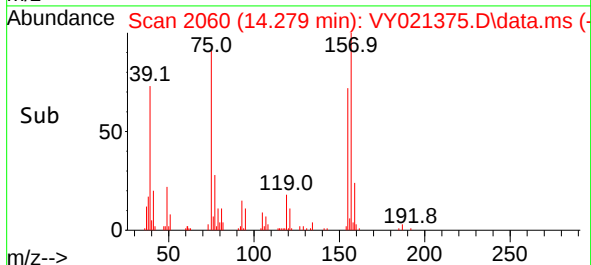
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

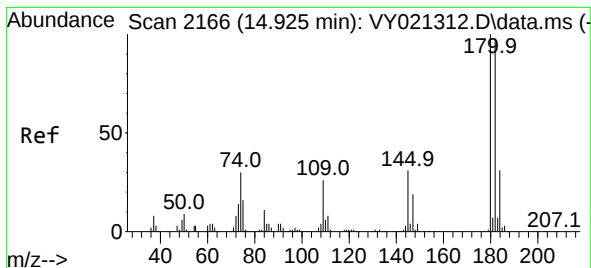


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.334 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44



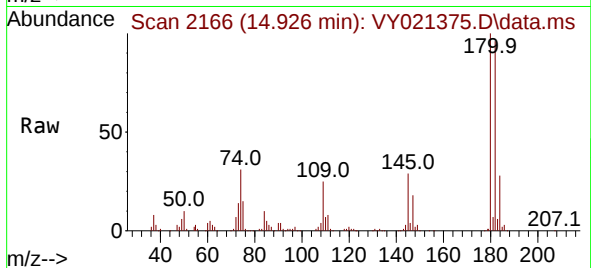
Tgt Ion: 75 Resp: 11525
Ion Ratio Lower Upper
75 100
155 76.8 41.9 125.6
157 102.5 52.5 157.6





#93
1,2,4-Trichlorobenzene
Concen: 48.537 ug/l
RT: 14.926 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

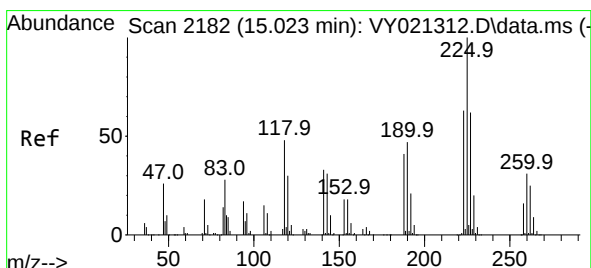
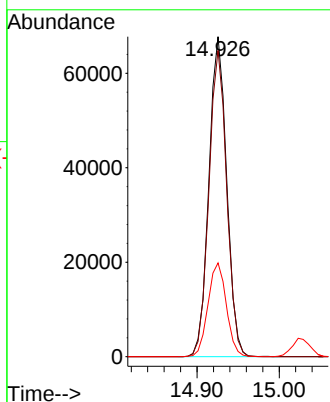
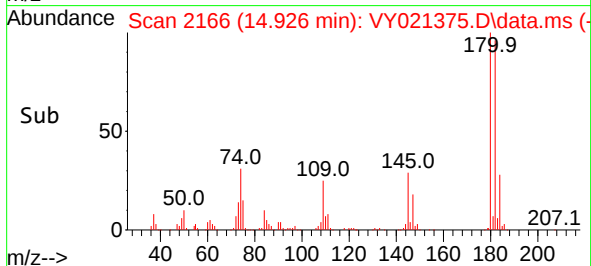
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 10199
Ion Ratio Lower Upper
180 100
182 95.7 47.9 143.7
145 30.2 15.6 46.8

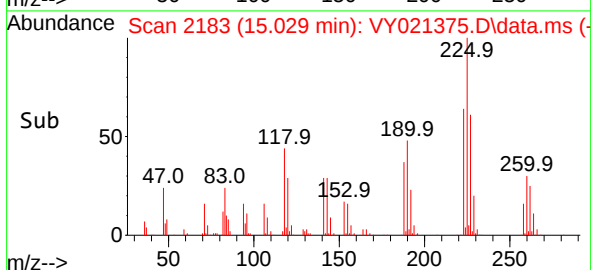
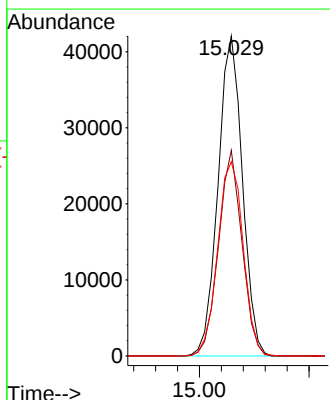
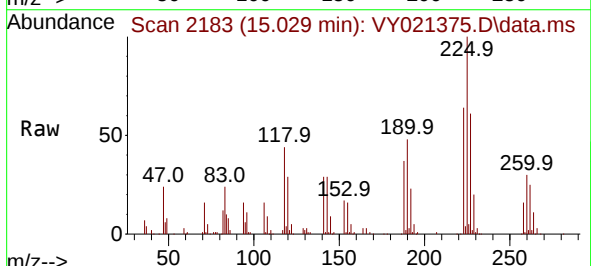
Manual Integrations
APPROVED

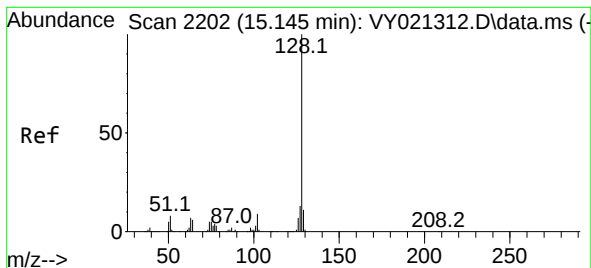
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#94
Hexachlorobutadiene
Concen: 49.149 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.006 min
Lab File: VY021375.D
Acq: 28 Feb 2025 09:44

Tgt Ion:225 Resp: 65020
Ion Ratio Lower Upper
225 100
223 61.8 31.8 95.4
227 63.7 31.9 95.7





#95

Naphthalene

Concen: 48.393 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 16843

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

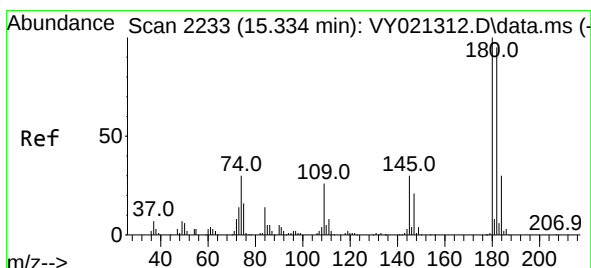
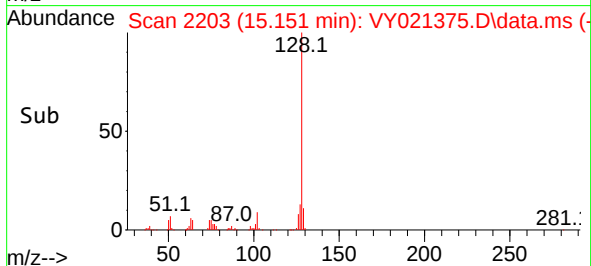
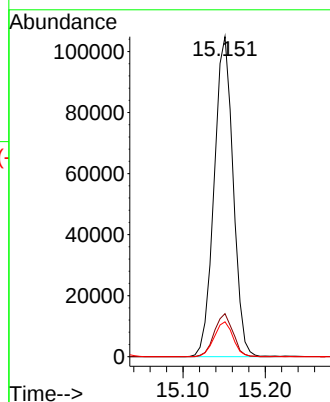
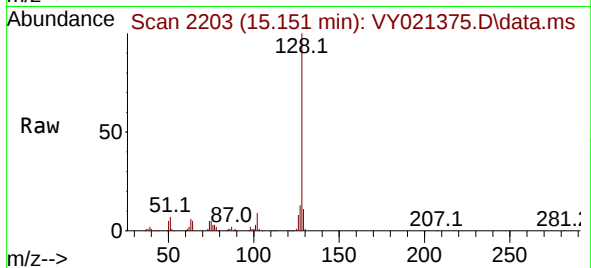
129 10.9 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2025

Supervised By :Mahesh Dadoda 03/03/2025



#96

1,2,3-Trichlorobenzene

Concen: 47.212 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY021375.D

Acq: 28 Feb 2025 09:44

Tgt Ion:180 Resp: 83821

Ion Ratio Lower Upper

180 100

182 97.7 48.3 144.9

145 32.6 16.1 48.3

