

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021825\
 Data File : VX044994.D
 Acq On : 18 Feb 2025 17:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/19/2025
 Supervised By : Mahesh Dadoda 02/19/2025

Quant Time: Feb 19 06:16:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	112129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	204198	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	178376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	78847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86401	52.640	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.280%			
35) Dibromofluoromethane	5.379	113	69331	52.222	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.440%			
50) Toluene-d8	8.647	98	253852	50.565	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.140%			
62) 4-Bromofluorobenzene	11.079	95	87475	51.686	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	72794	46.287	ug/l	98
3) Chloromethane	1.301	50	84821	44.315	ug/l	99
4) Vinyl Chloride	1.374	62	85310	46.006	ug/l	98
5) Bromomethane	1.593	94	27130	48.893	ug/l	97
6) Chloroethane	1.666	64	51007	81.755	ug/l	96
7) Trichlorofluoromethane	1.874	101	115851	49.403	ug/l	98
8) Diethyl Ether	2.136	74	43105	50.685	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	69163	48.815	ug/l	99
10) Methyl Iodide	2.447	142	93403	50.867	ug/l	98
11) Tert butyl alcohol	2.989	59	63158	207.415	ug/l	100
12) 1,1-Dichloroethene	2.313	96	68745	47.566	ug/l	97
13) Acrolein	2.233	56	72175	229.734	ug/l	100
14) Allyl chloride	2.660	41	128133	49.057	ug/l	97
15) Acrylonitrile	3.062	53	205413	252.658	ug/l	98
16) Acetone	2.380	43	164007	248.555	ug/l	94
17) Carbon Disulfide	2.502	76	176190	44.457	ug/l	97
18) Methyl Acetate	2.703	43	113117	54.325	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	235791	51.277	ug/l	98
20) Methylene Chloride	2.782	84	79048	48.909	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	68453	48.124	ug/l	96
22) Diisopropyl ether	3.757	45	261418	52.903	ug/l	99
23) Vinyl Acetate	3.715	43	1062498	263.741	ug/l	99
24) 1,1-Dichloroethane	3.605	63	139721	50.533	ug/l	99
25) 2-Butanone	4.550	43	274027	255.750	ug/l	95
26) 2,2-Dichloropropane	4.465	77	105832	48.266	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	85485	50.032	ug/l	99
28) Bromochloromethane	4.891	49	59385	44.692	ug/l	99
29) Tetrahydrofuran	4.995	42	179664	252.523	ug/l	99
30) Chloroform	5.086	83	137563	51.302	ug/l	100
31) Cyclohexane	5.464	56	119896	47.036	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	115548	50.804	ug/l	100
36) 1,1-Dichloropropene	5.684	75	94104	49.130	ug/l	99
37) Ethyl Acetate	4.708	43	108342	50.853	ug/l	99
38) Carbon Tetrachloride	5.666	117	92377	49.215	ug/l	98
39) Methylcyclohexane	7.373	83	120502	48.662	ug/l	97
40) Benzene	6.031	78	299424	50.062	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021825\
 Data File : VX044994.D
 Acq On : 18 Feb 2025 17:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/19/2025
 Supervised By : Mahesh Dadoda 02/19/2025

Quant Time: Feb 19 06:16:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	63108	55.340	ug/l	99
42) 1,2-Dichloroethane	6.080	62	101495	53.244	ug/l	99
43) Isopropyl Acetate	6.336	43	182120	52.936	ug/l	99
44) Trichloroethene	7.123	130	68336	49.986	ug/l	100
45) 1,2-Dichloropropane	7.421	63	76989	51.740	ug/l	99
46) Dibromomethane	7.574	93	52761	51.129	ug/l	98
47) Bromodichloromethane	7.818	83	105644	52.872	ug/l	98
48) Methyl methacrylate	7.690	41	87187	53.747	ug/l	98
49) 1,4-Dioxane	7.659	88	29149	837.521	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	555617	265.647	ug/l	98
52) Toluene	8.714	92	183271	51.451	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	104833	51.847	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	118971	52.772	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	71355	52.111	ug/l	99
56) Ethyl methacrylate	9.116	69	118493	53.579	ug/l	98
57) 1,3-Dichloropropane	9.305	76	126527	52.811	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	300500	276.731	ug/l	99
59) 2-Hexanone	9.427	43	398032	264.123	ug/l	97
60) Dibromochloromethane	9.519	129	76997	52.579	ug/l	98
61) 1,2-Dibromoethane	9.604	107	71530	51.540	ug/l	100
64) Tetrachloroethene	9.269	164	55105	48.986	ug/l	99
65) Chlorobenzene	10.073	112	196658	51.330	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	64645	52.422	ug/l	99
67) Ethyl Benzene	10.189	91	349498	51.694	ug/l	99
68) m/p-Xylenes	10.299	106	255115	102.291	ug/l	98
69) o-Xylene	10.640	106	126762	50.654	ug/l	99
70) Styrene	10.652	104	209492	51.959	ug/l	99
71) Bromoform	10.799	173	47692	51.822	ug/l #	99
73) Isopropylbenzene	10.957	105	326156	51.374	ug/l	100
74) N-amyl acetate	10.841	43	154408	53.747	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	109597	50.237	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	89060m	50.945	ug/l	
77) Bromobenzene	11.195	156	73177	50.841	ug/l	98
78) n-propylbenzene	11.299	91	379814	51.831	ug/l	100
79) 2-Chlorotoluene	11.360	91	226927	50.387	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	265862	51.604	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	30724	45.210	ug/l	92
82) 4-Chlorotoluene	11.451	91	253928	50.963	ug/l	100
83) tert-Butylbenzene	11.713	119	267252	51.277	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	268293	52.763	ug/l	100
85) sec-Butylbenzene	11.890	105	335922	52.050	ug/l	100
86) p-Isopropyltoluene	12.006	119	271360	52.284	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	133582	50.468	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	133976	50.062	ug/l	100
89) n-Butylbenzene	12.329	91	248345	54.087	ug/l	99
90) Hexachloroethane	12.536	117	47465	48.842	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	132838	51.064	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20495	51.474	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	80971	51.439	ug/l	99
94) Hexachlorobutadiene	13.719	225	32023	51.245	ug/l	97
95) Naphthalene	13.774	128	299066	52.558	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	83196	52.452	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021825\
Data File : VX044994.D
Acq On : 18 Feb 2025 17:40
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

Quant Time: Feb 19 06:16:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

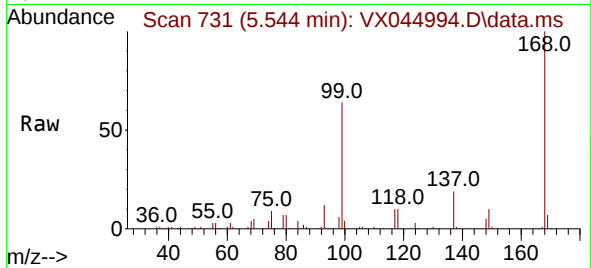
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.001 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

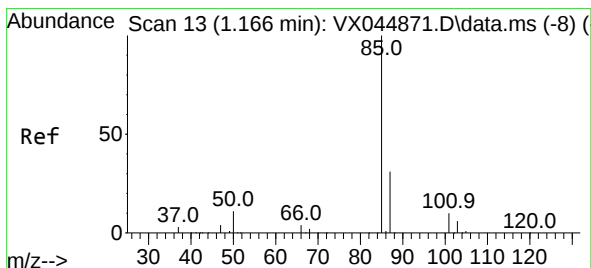
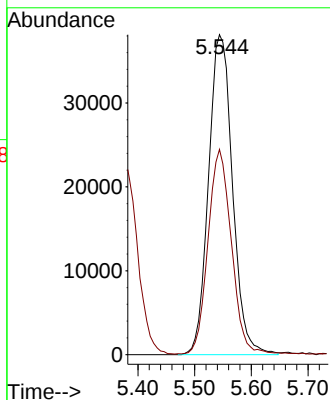
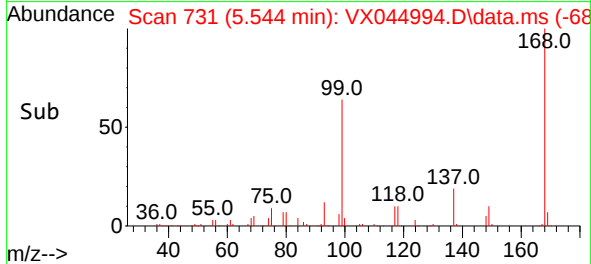
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 112129
Ion Ratio Lower Upper
168 100
99 63.9 51.2 76.8

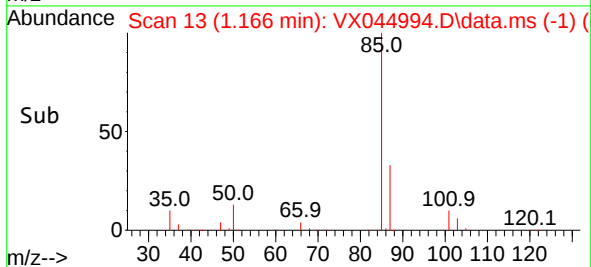
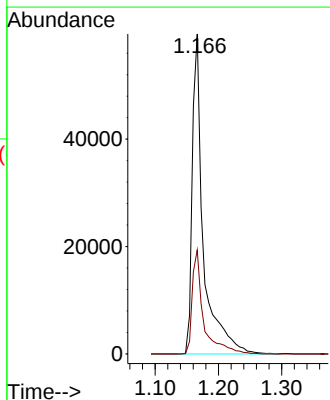
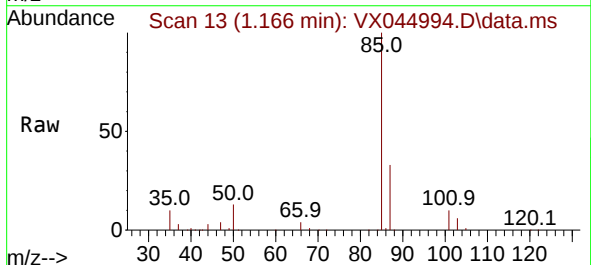
Manual Integrations
APPROVED

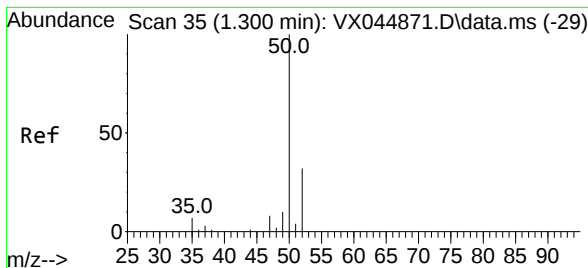
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#2
Dichlorodifluoromethane
Concen: 46.287 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

Tgt Ion: 85 Resp: 72794
Ion Ratio Lower Upper
85 100
87 32.5 15.8 47.3





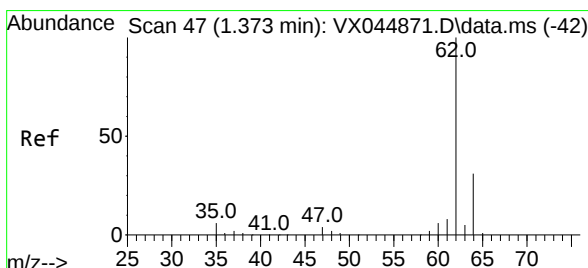
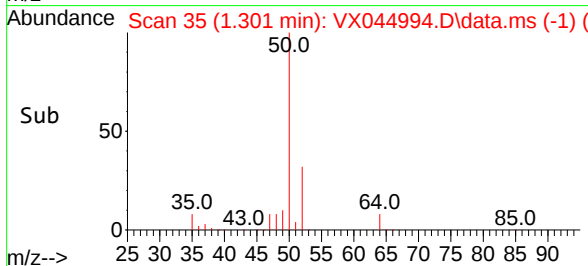
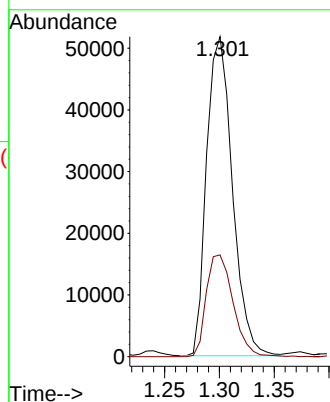
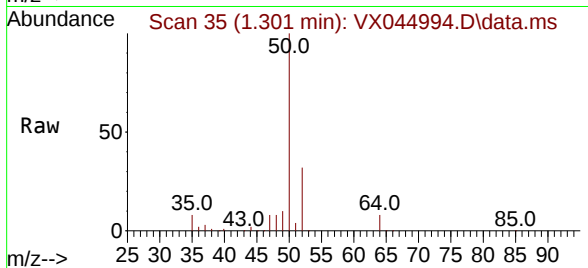
#3
Chloromethane
Concen: 44.315 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 8482
Ion Ratio Lower Upper
50 100
52 31.9 25.9 38.9

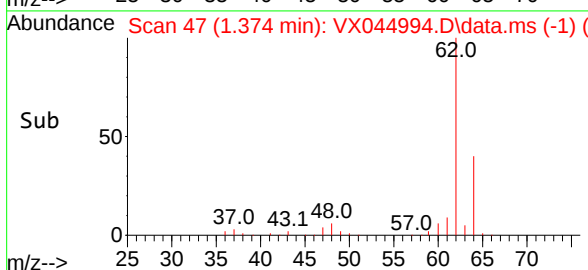
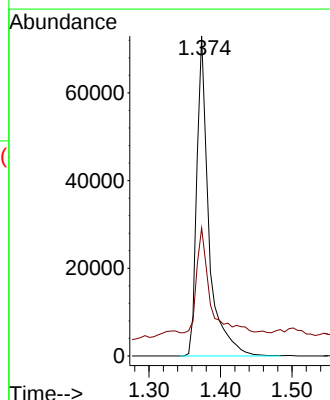
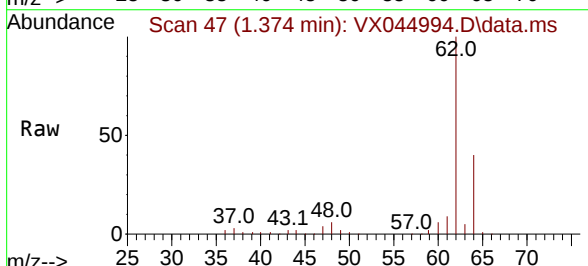
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#4
Vinyl Chloride
Concen: 46.006 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

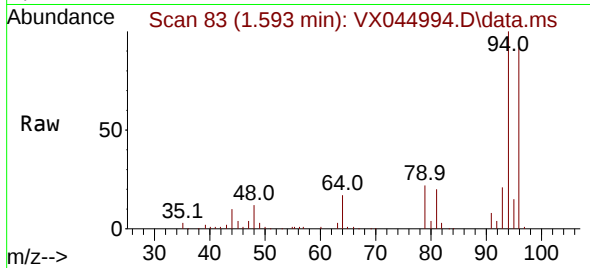
Tgt Ion: 62 Resp: 85310
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.0





#5
Bromomethane
Concen: 48.893 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

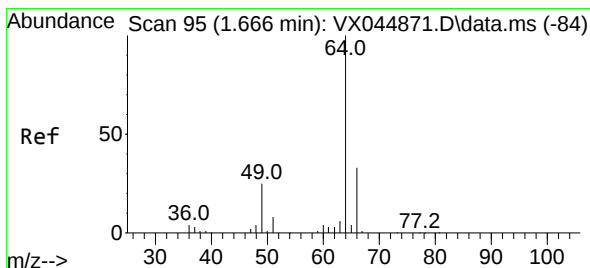
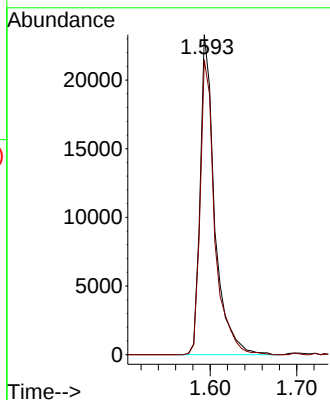
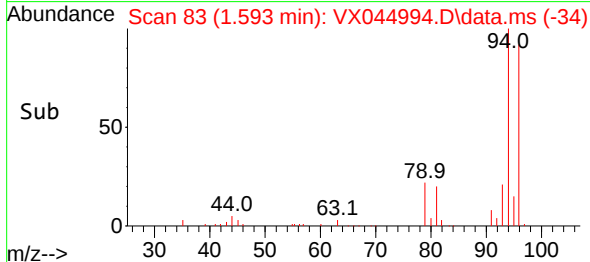
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 27130
Ion Ratio Lower Upper
94 100
96 92.1 71.6 107.4

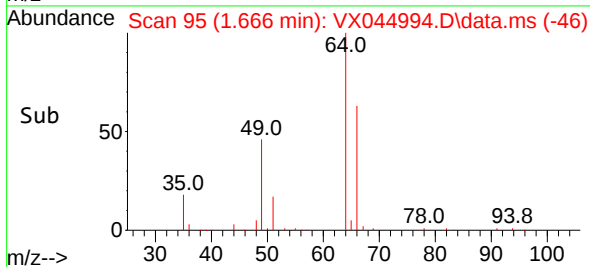
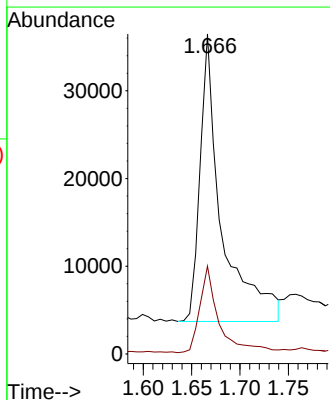
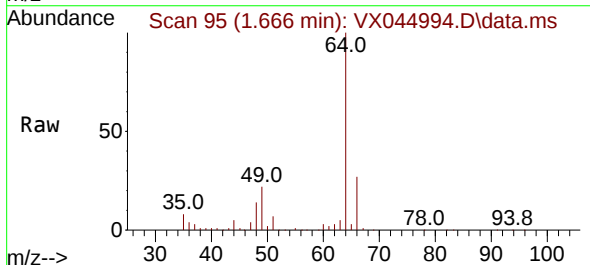
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#6
Chloroethane
Concen: 81.755 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

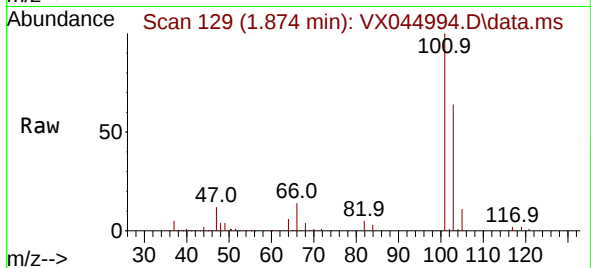
Tgt Ion: 64 Resp: 51007
Ion Ratio Lower Upper
64 100
66 30.1 25.9 38.9





#7
Trichlorofluoromethane
Concen: 49.403 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

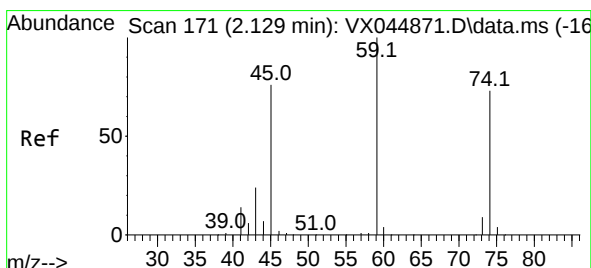
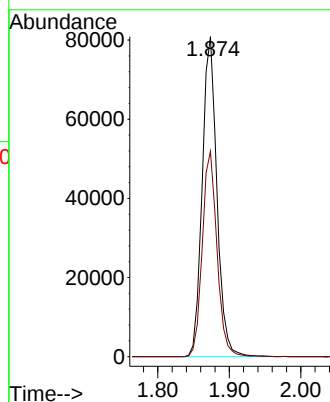
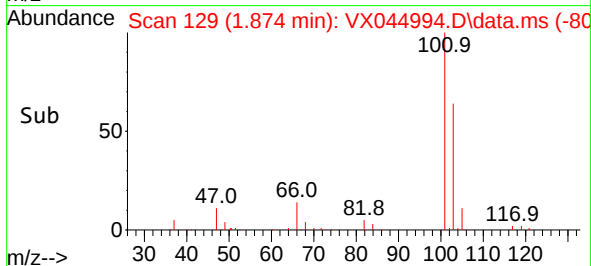
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 11585
Ion Ratio Lower Upper
101 100
103 64.2 52.4 78.6

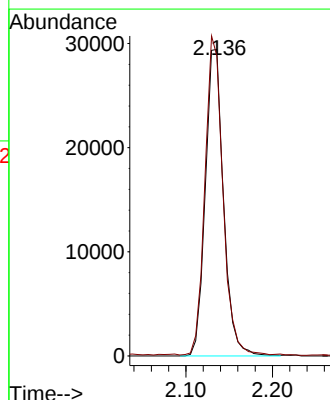
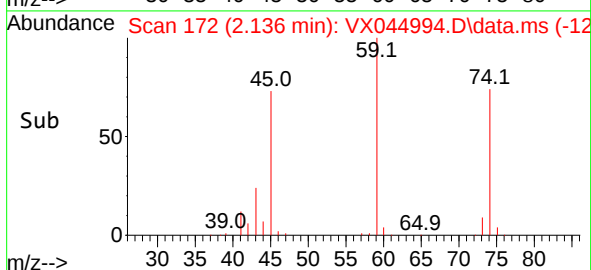
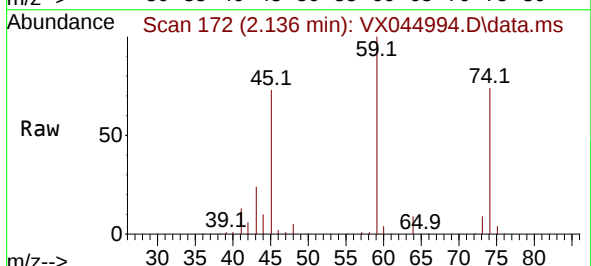
Manual Integrations
APPROVED

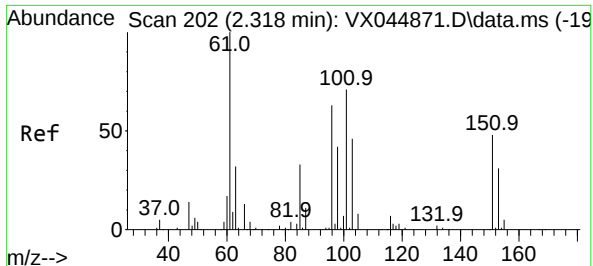
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#8
Diethyl Ether
Concen: 50.685 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.007 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

Tgt Ion: 74 Resp: 43105
Ion Ratio Lower Upper
74 100
45 101.8 51.1 153.4





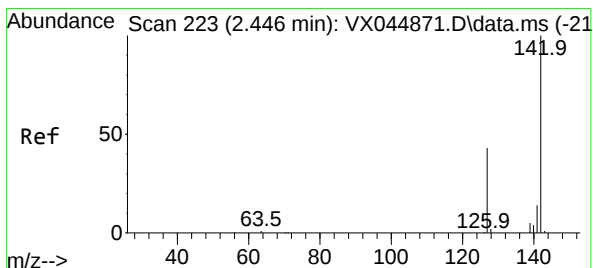
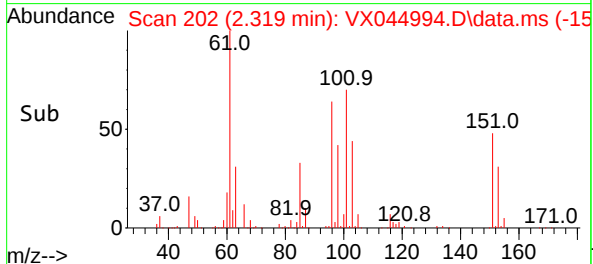
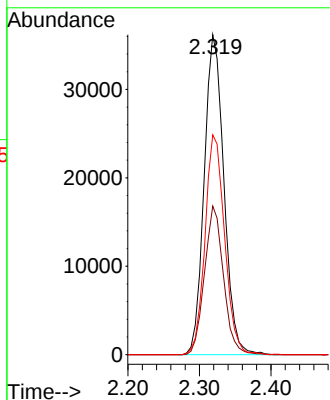
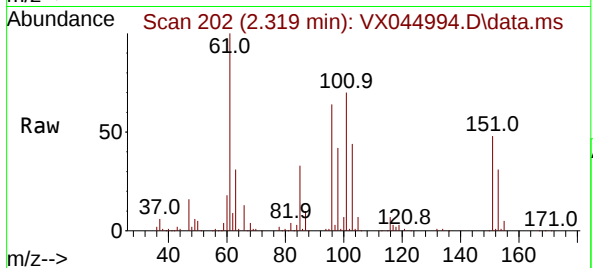
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.815 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 6916
Ion Ratio Lower Upper
101 100
85 44.8 35.7 53.5
151 68.6 56.0 84.0

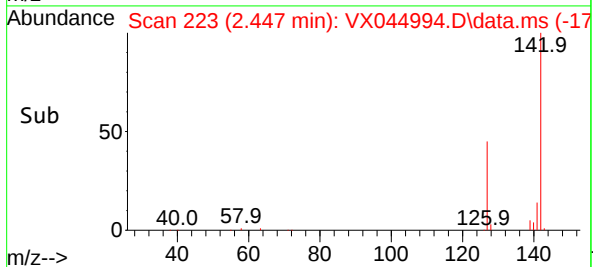
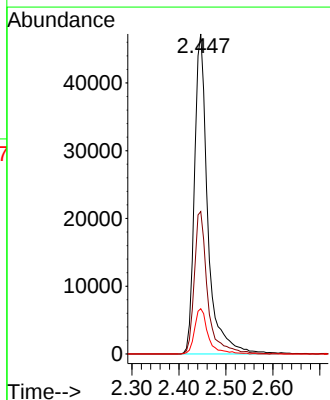
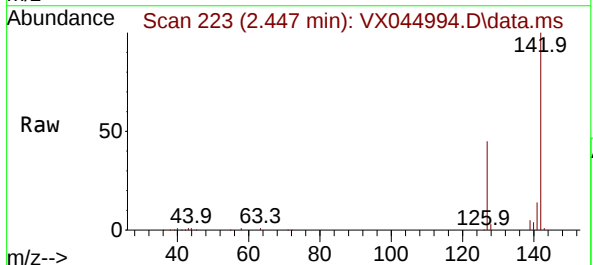
Manual Integrations
APPROVED

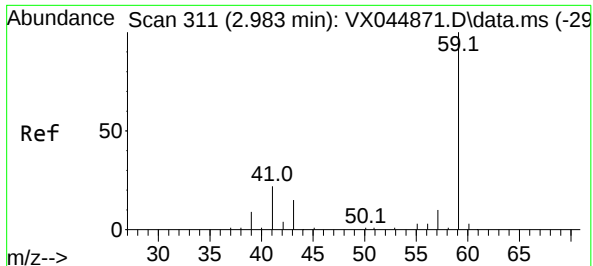
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#10
Methyl Iodide
Concen: 50.867 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

Tgt Ion:142 Resp: 93403
Ion Ratio Lower Upper
142 100
127 44.6 34.3 51.5
141 14.5 11.4 17.2





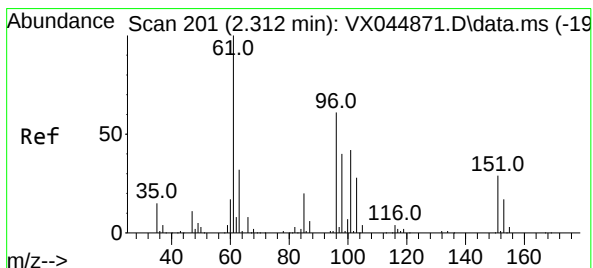
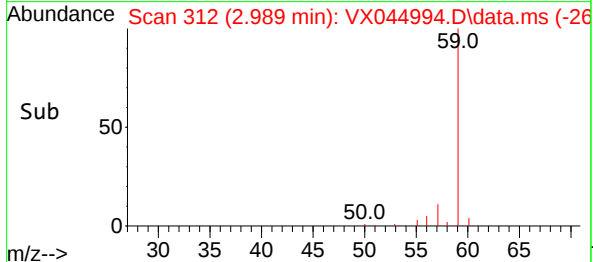
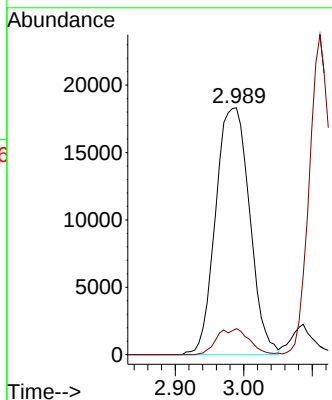
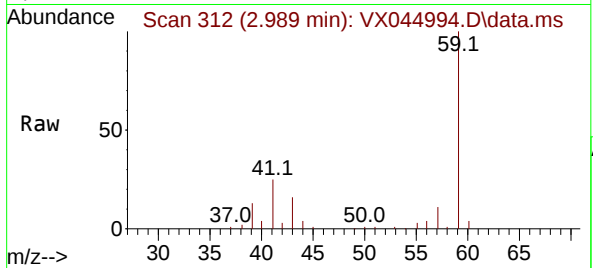
#11
Tert butyl alcohol
Concen: 207.415 ug/l
RT: 2.989 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 63158
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1

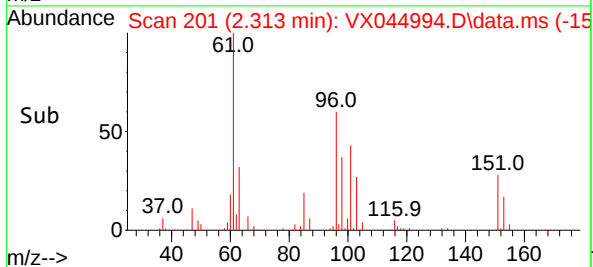
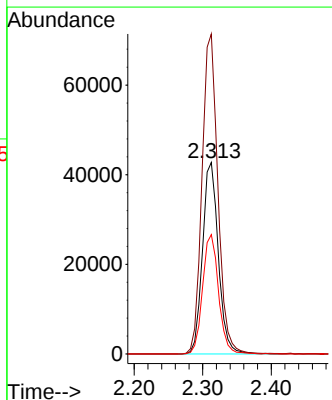
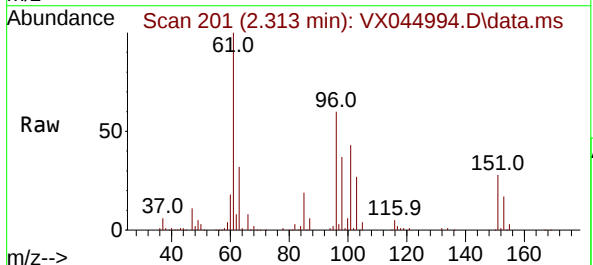
Manual Integrations
APPROVED

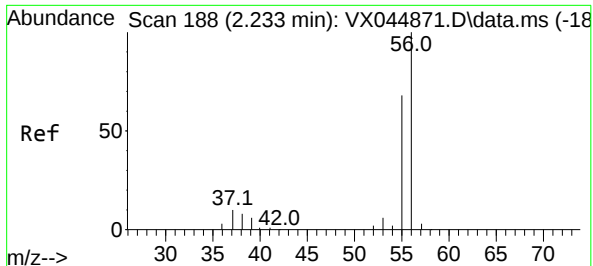
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#12
1,1-Dichloroethene
Concen: 47.566 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

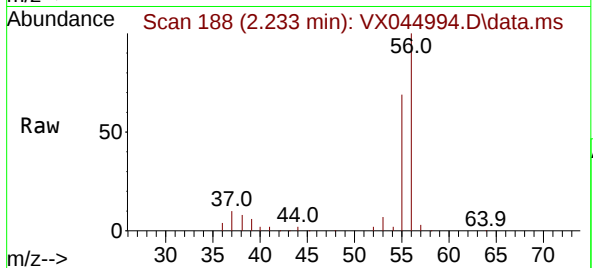
Tgt Ion: 96 Resp: 68745
Ion Ratio Lower Upper
96 100
61 167.1 130.2 195.4
98 62.3 52.2 78.4





#13
Acrolein
Concen: 229.734 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

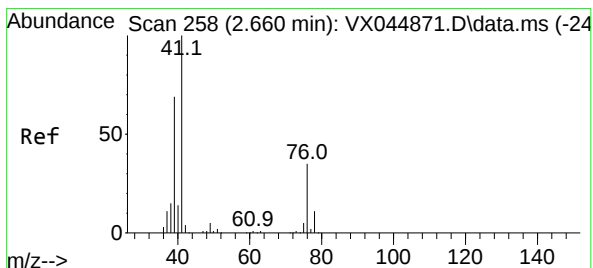
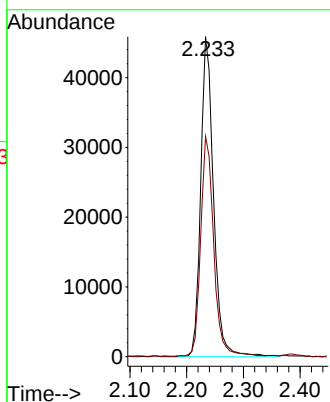
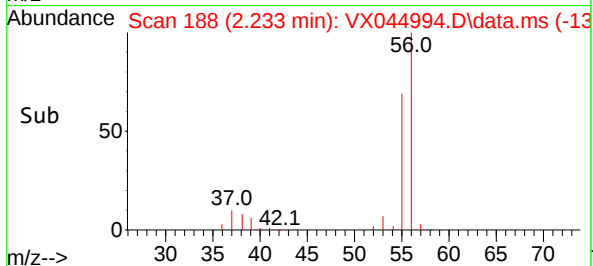
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 72175
Ion Ratio Lower Upper
56 100
55 69.7 55.7 83.5

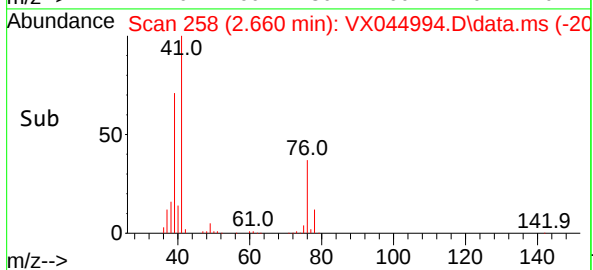
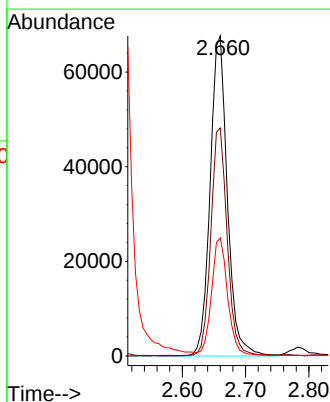
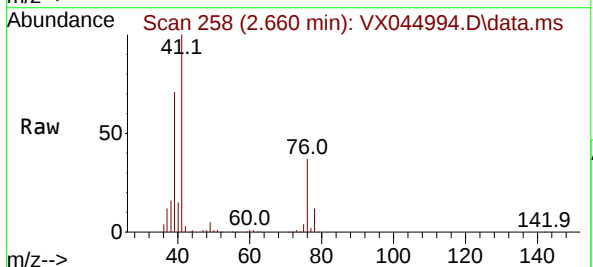
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#14
Allyl chloride
Concen: 49.057 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

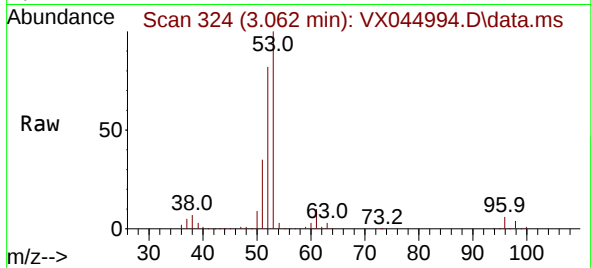
Tgt Ion: 41 Resp: 128133
Ion Ratio Lower Upper
41 100
39 67.3 51.4 77.2
76 34.2 27.0 40.4





#15
Acrylonitrile
Concen: 252.658 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

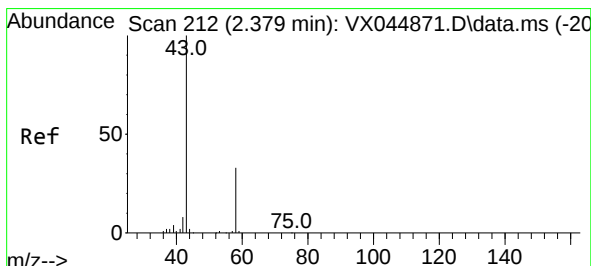
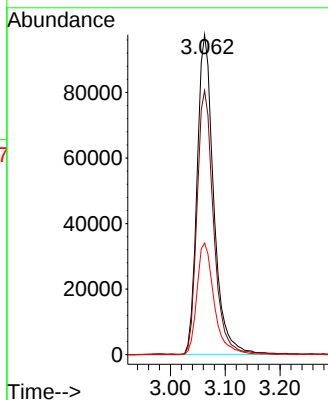
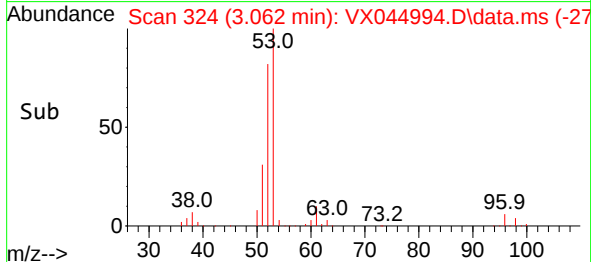
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 20541
Ion Ratio Lower Upper
53 100
52 83.3 65.0 97.6
51 36.1 28.0 42.0

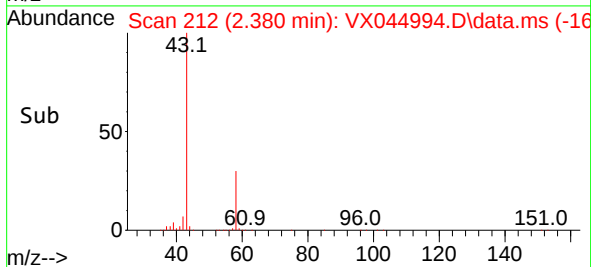
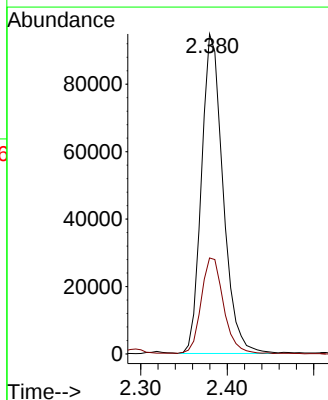
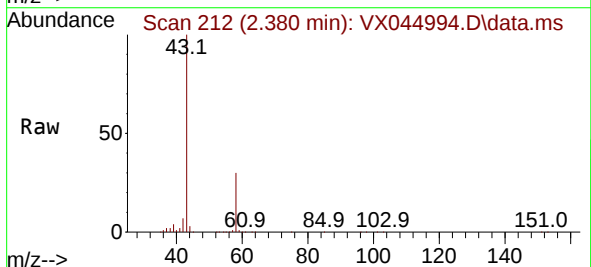
Manual Integrations
APPROVED

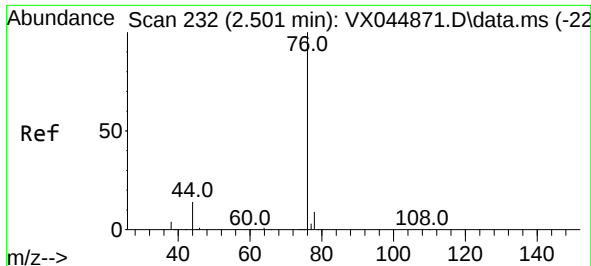
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#16
Acetone
Concen: 248.555 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

Tgt Ion: 43 Resp: 164007
Ion Ratio Lower Upper
43 100
58 29.8 26.5 39.7





#17

Carbon Disulfide

Concen: 44.457 ug/l

RT: 2.502 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX044994.D

Acq: 18 Feb 2025 17:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 176190

Ion Ratio Lower Upper

76 100

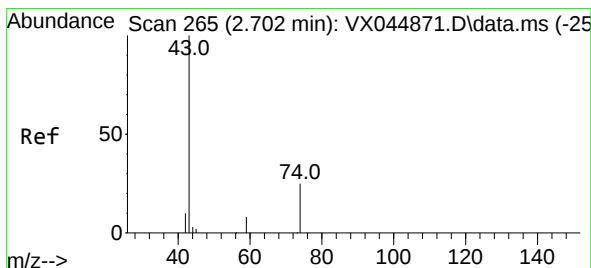
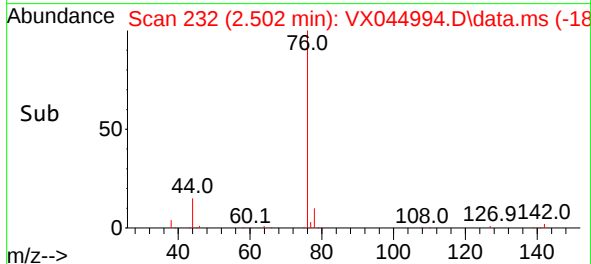
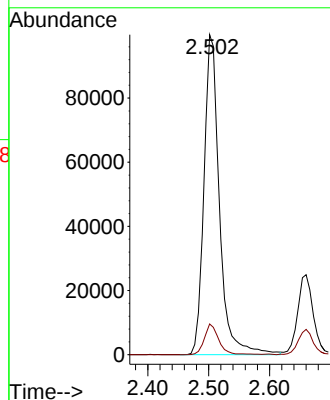
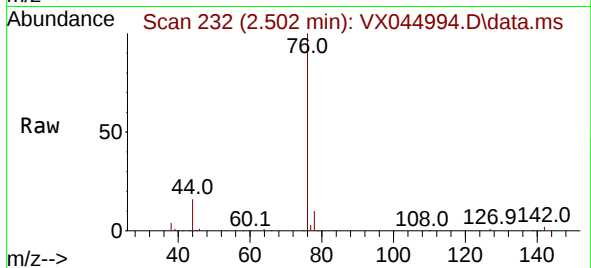
78 9.6 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#18

Methyl Acetate

Concen: 54.325 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX044994.D

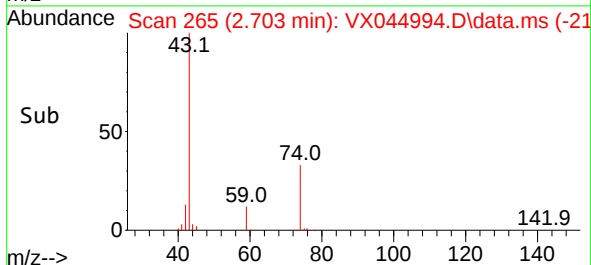
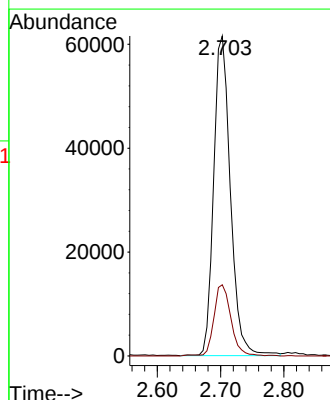
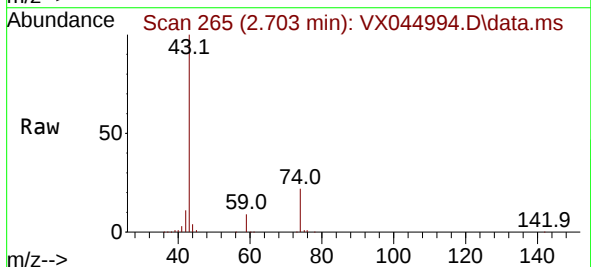
Acq: 18 Feb 2025 17:40

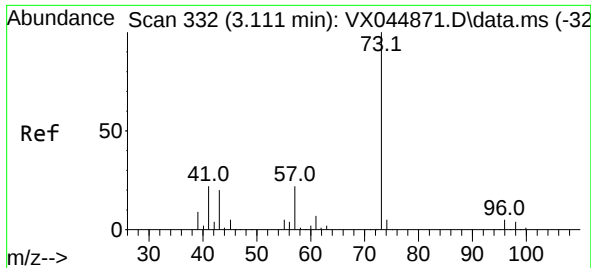
Tgt Ion: 43 Resp: 113117

Ion Ratio Lower Upper

43 100

74 22.6 18.9 28.3





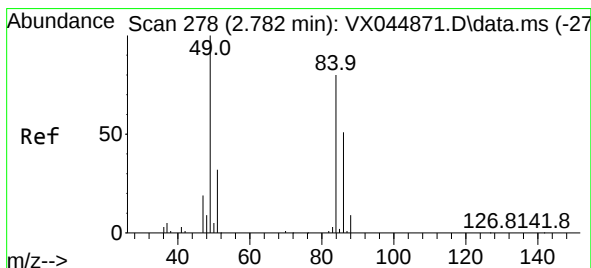
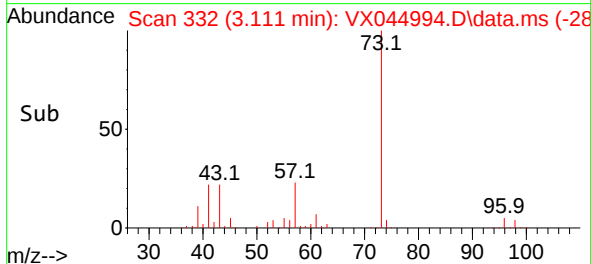
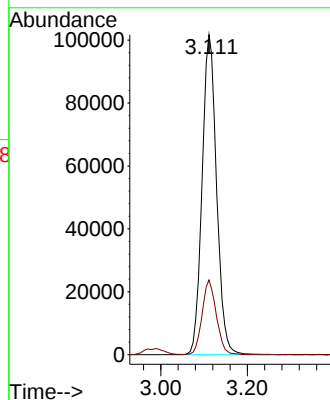
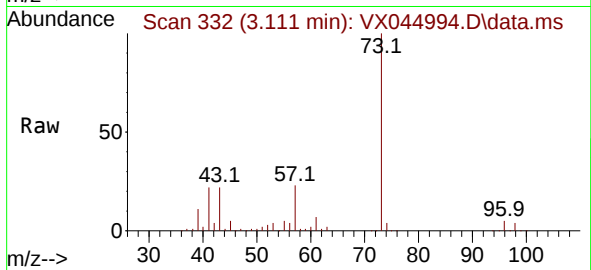
#19
Methyl tert-butyl Ether
Concen: 51.277 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 23579
Ion Ratio Lower Upper
73 100
57 23.3 17.9 26.9

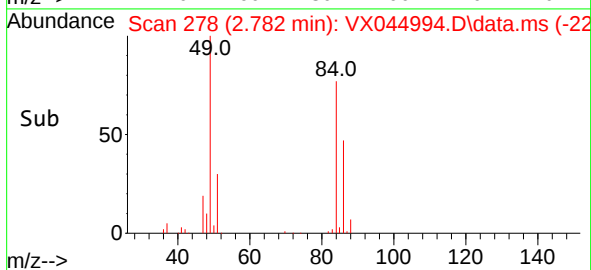
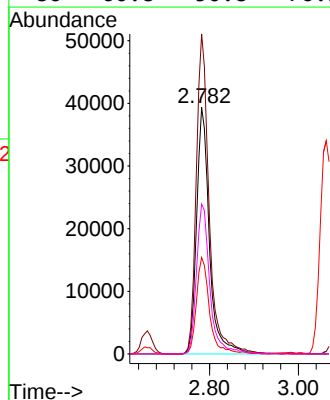
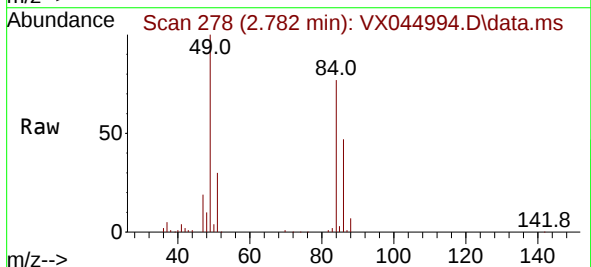
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#20
Methylene Chloride
Concen: 48.909 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

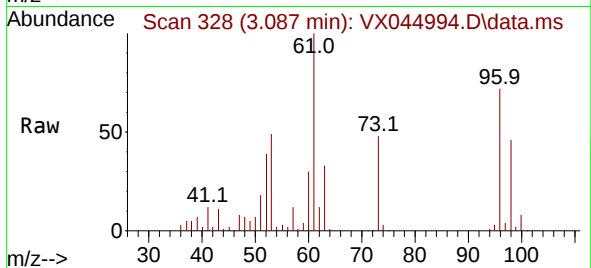
Tgt Ion: 84 Resp: 79048
Ion Ratio Lower Upper
84 100
49 129.8 100.1 150.1
51 39.2 31.7 47.5
86 60.8 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 48.124 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

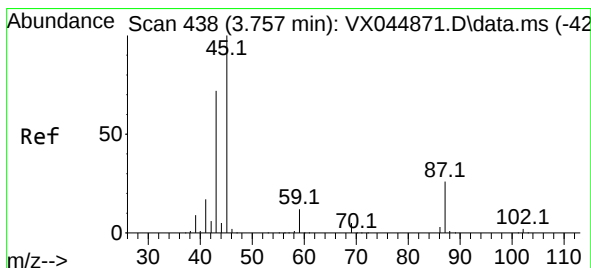
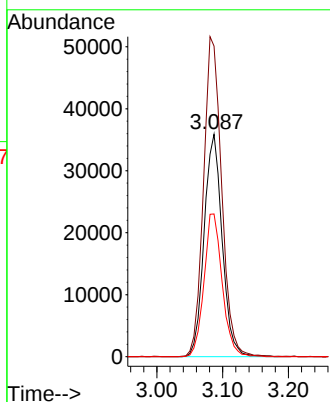
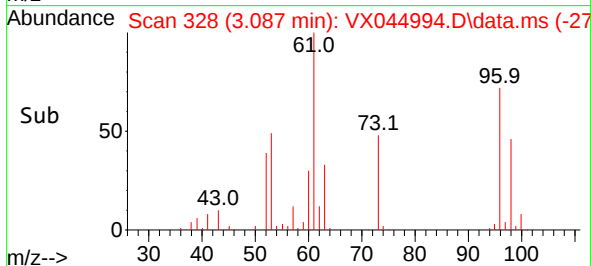
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



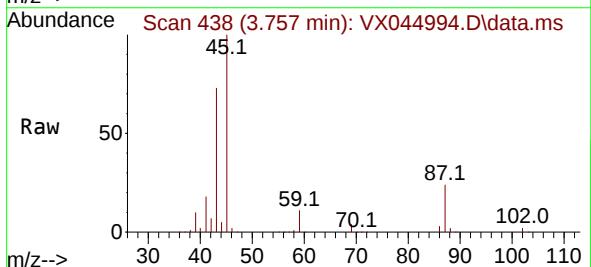
Tgt Ion: 96 Resp: 6845
Ion Ratio Lower Upper
96 100
61 139.6 106.0 159.0
98 64.2 50.6 76.0

Manual Integrations
APPROVED

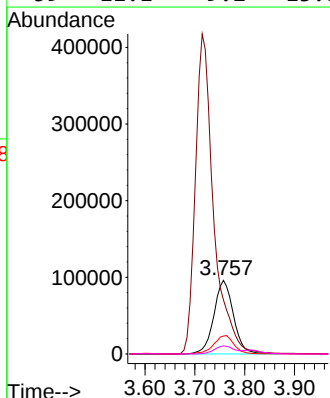
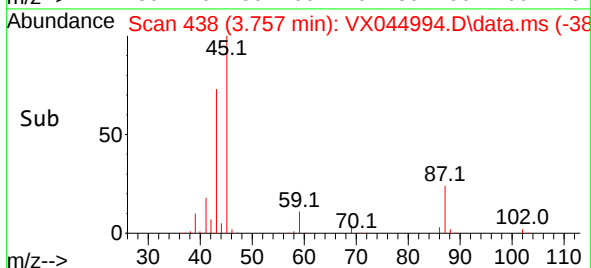
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#22
Diisopropyl ether
Concen: 52.903 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40



Tgt Ion: 45 Resp: 261418
Ion Ratio Lower Upper
45 100
43 73.2 58.0 87.0
87 24.4 20.7 31.1
59 11.1 9.2 13.8





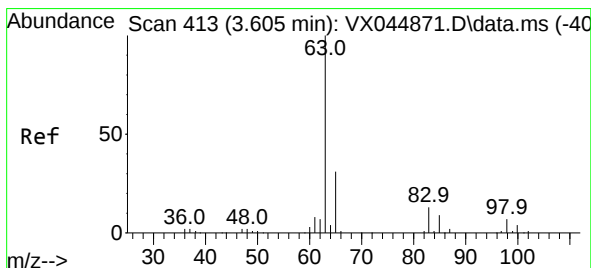
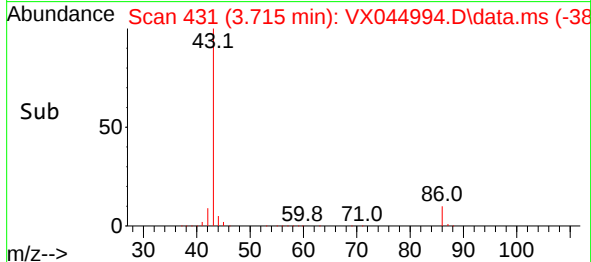
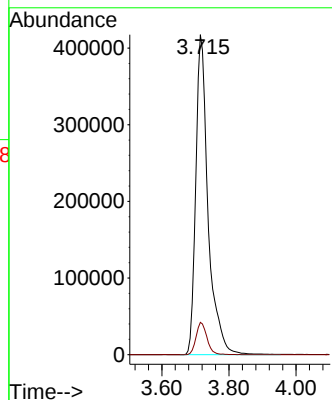
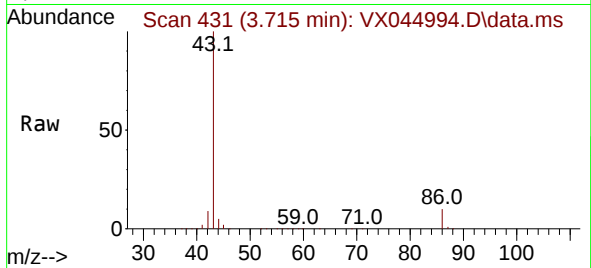
#23
 Vinyl Acetate
 Concen: 263.741 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX044994.D
 Acq: 18 Feb 2025 17:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1062498
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.3 12.5

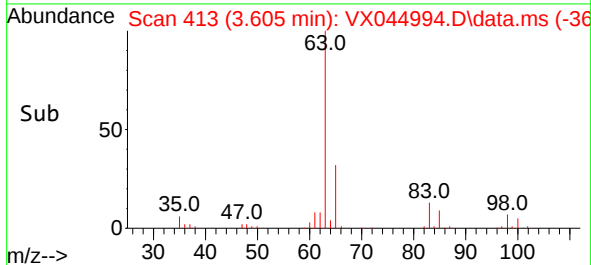
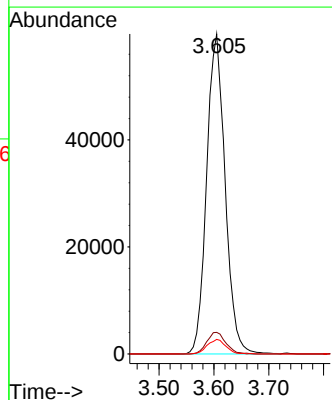
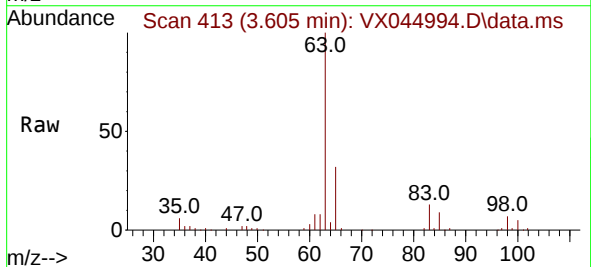
Manual Integrations
 APPROVED

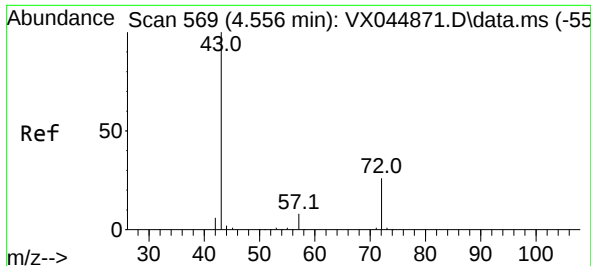
Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#24
 1,1-Dichloroethane
 Concen: 50.533 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX044994.D
 Acq: 18 Feb 2025 17:40

Tgt Ion: 63 Resp: 139721
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.9
 100 4.5 2.1 6.5





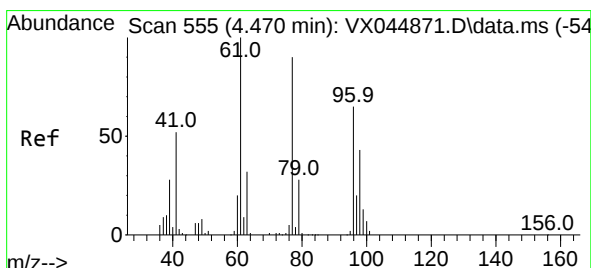
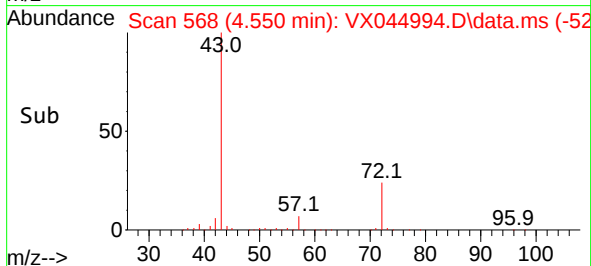
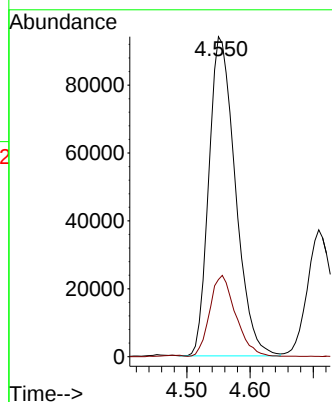
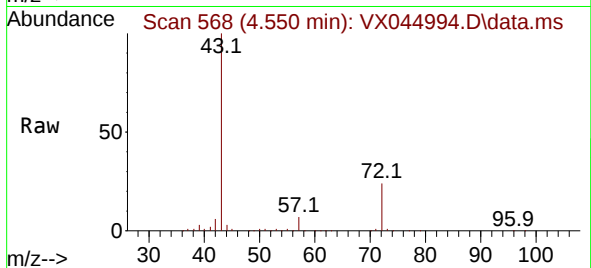
#25
2-Butanone
Concen: 255.750 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 27402
Ion Ratio Lower Upper
43 100
72 24.0 21.2 31.8

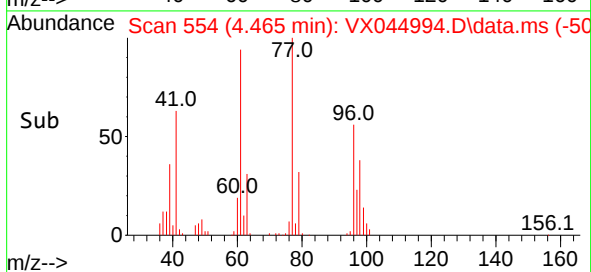
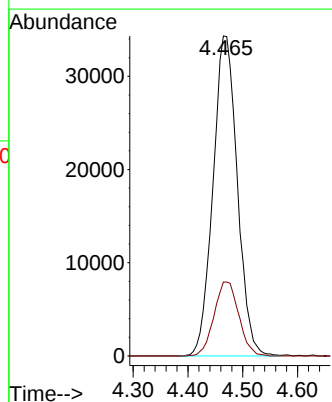
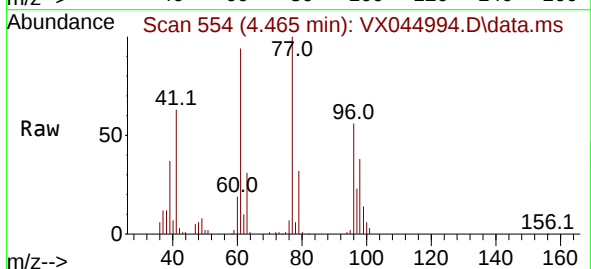
Manual Integrations
APPROVED

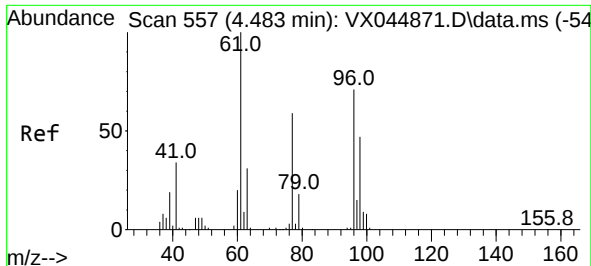
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#26
2,2-Dichloropropane
Concen: 48.266 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

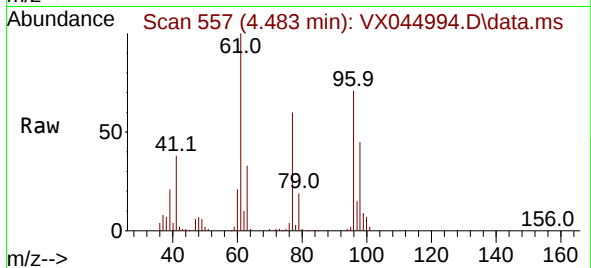
Tgt Ion: 77 Resp: 105832
Ion Ratio Lower Upper
77 100
97 23.5 11.8 35.3





#27
 cis-1,2-Dichloroethene
 Concen: 50.032 ug/l
 RT: 4.483 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX044994.D
 Acq: 18 Feb 2025 17:40

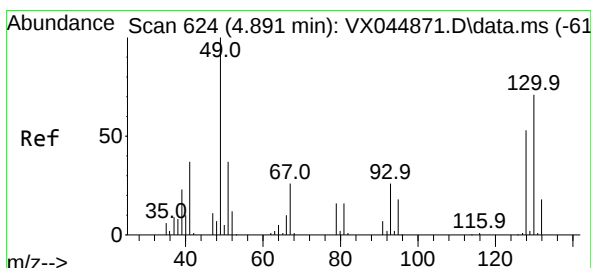
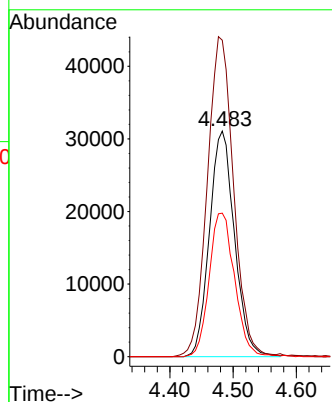
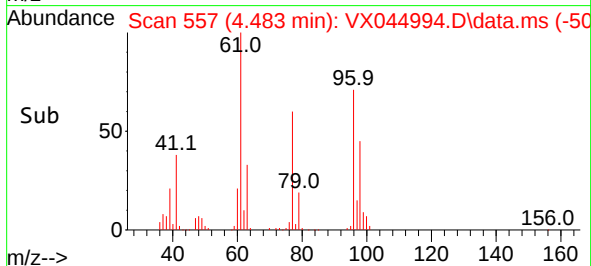
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 85485
 Ion Ratio Lower Upper
 96 100
 61 148.9 0.0 294.0
 98 64.8 0.0 131.2

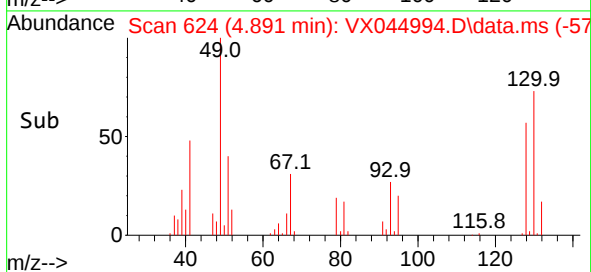
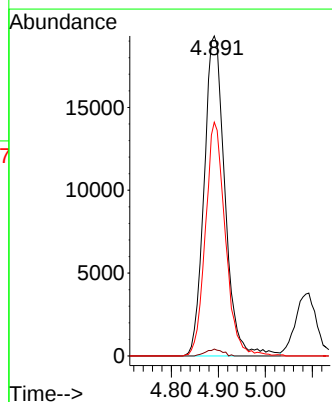
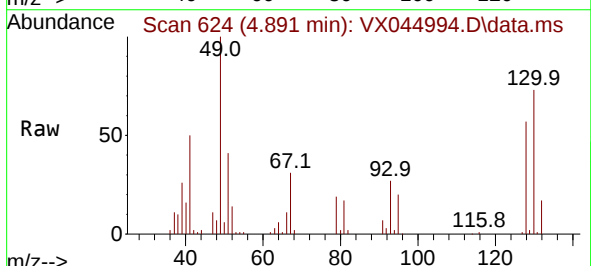
Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#28
 Bromochloromethane
 Concen: 44.692 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. 0.000 min
 Lab File: VX044994.D
 Acq: 18 Feb 2025 17:40

Tgt Ion: 49 Resp: 59385
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.6
 130 69.7 56.7 85.1





#29

Tetrahydrofuran

Concen: 252.523 ug/l

RT: 4.995 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX044994.D

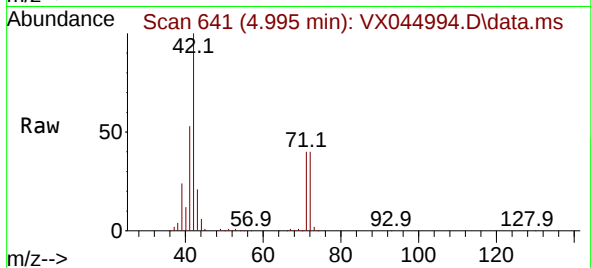
Acq: 18 Feb 2025 17:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 179664

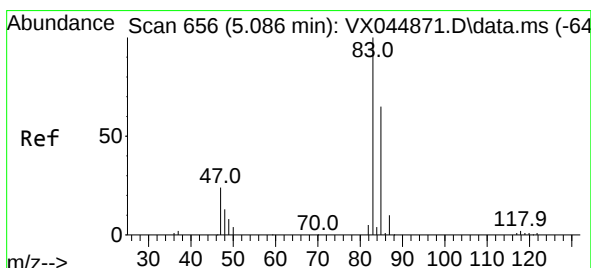
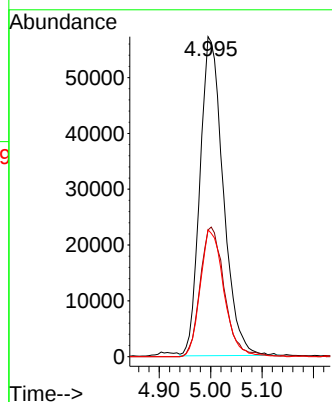
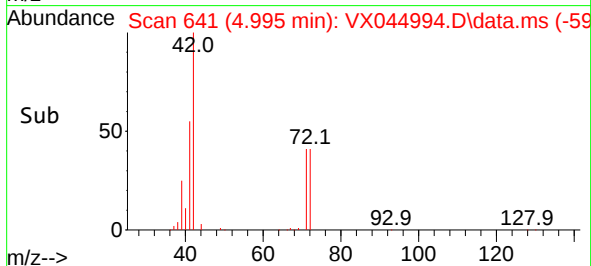
Ion	Ratio	Lower	Upper
42	100		
72	42.4	35.0	52.4
71	40.5	32.6	48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#30

Chloroform

Concen: 51.302 ug/l

RT: 5.086 min Scan# 656

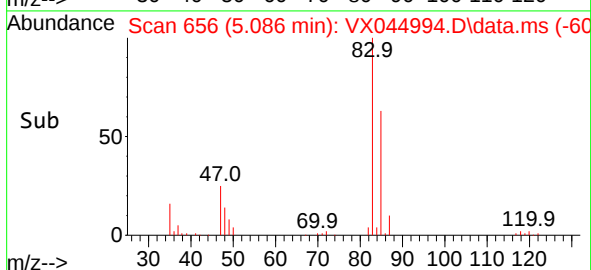
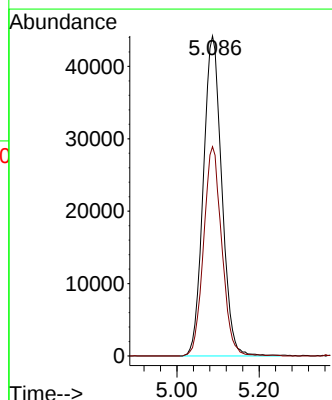
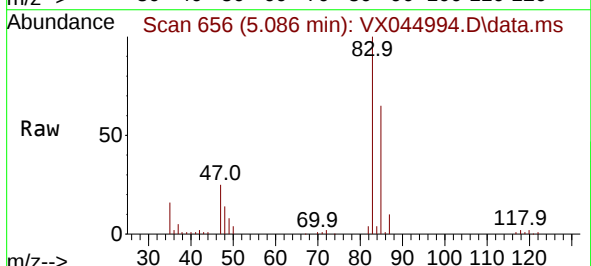
Delta R.T. 0.000 min

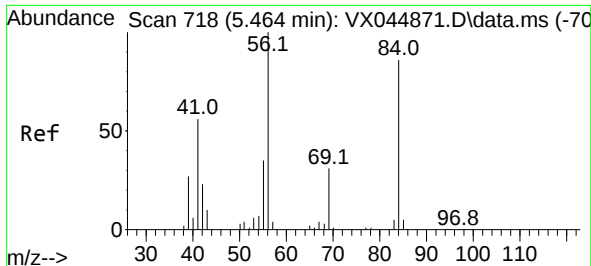
Lab File: VX044994.D

Acq: 18 Feb 2025 17:40

Tgt Ion: 83 Resp: 137563

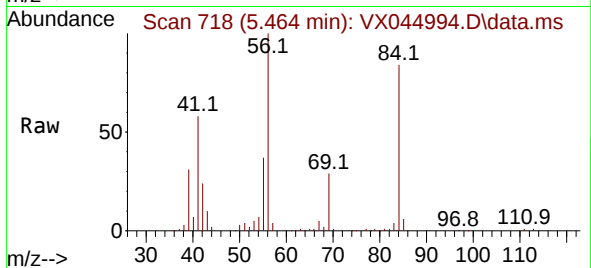
Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.1	78.1





#31
Cyclohexane
Concen: 47.036 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

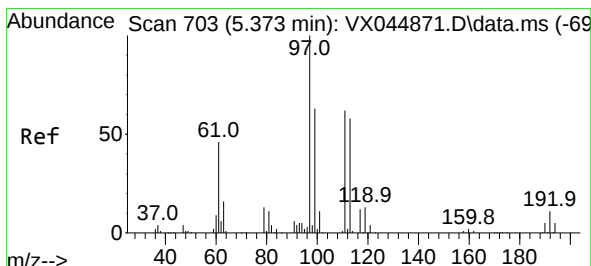
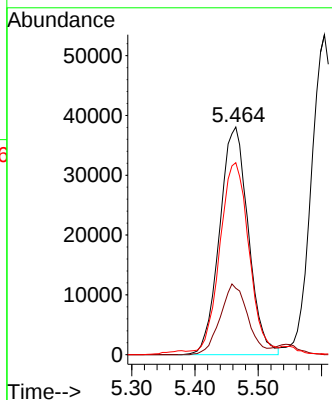
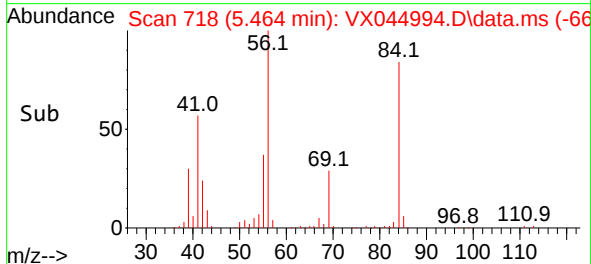
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



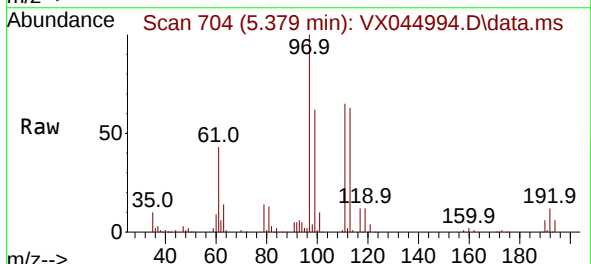
Tgt Ion: 56 Resp: 119890
Ion Ratio Lower Upper
56 100
69 29.2 24.4 36.6
84 82.7 69.0 103.6

Manual Integrations
APPROVED

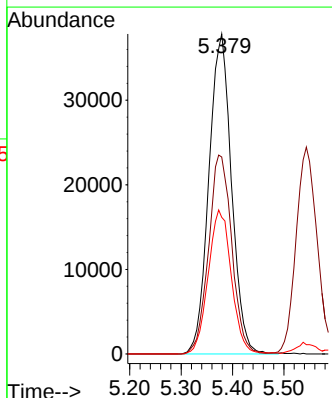
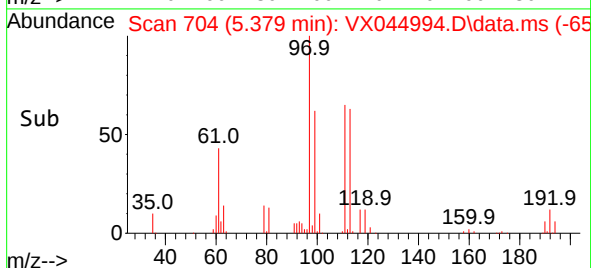
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

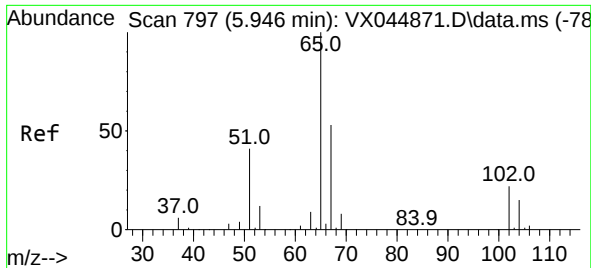


#32
1,1,1-Trichloroethane
Concen: 50.804 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40



Tgt Ion: 97 Resp: 115548
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.6
61 46.2 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 52.640 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX044994.D

Acq: 18 Feb 2025 17:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 8640

Ion Ratio Lower Upper

65 100

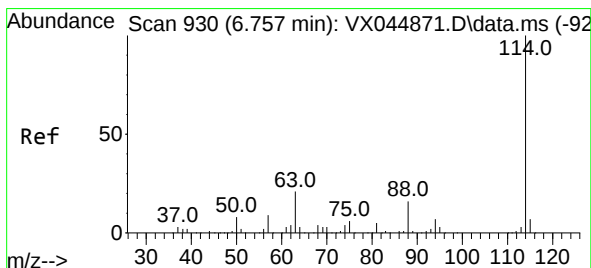
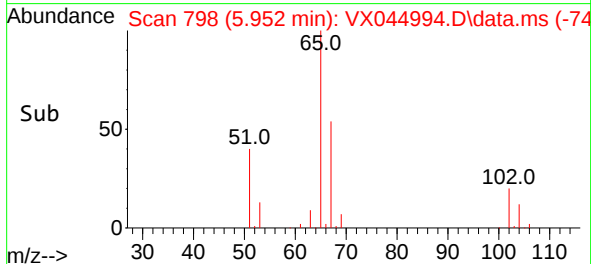
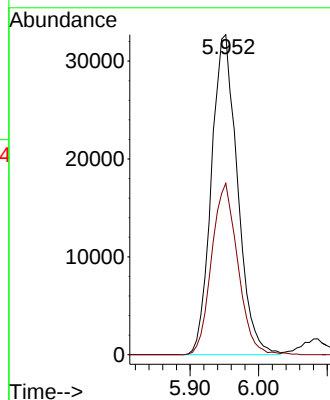
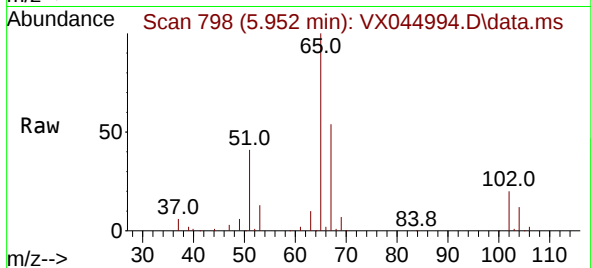
67 53.7 0.0 108.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044994.D

Acq: 18 Feb 2025 17:40

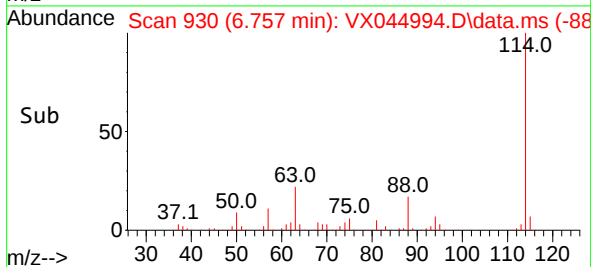
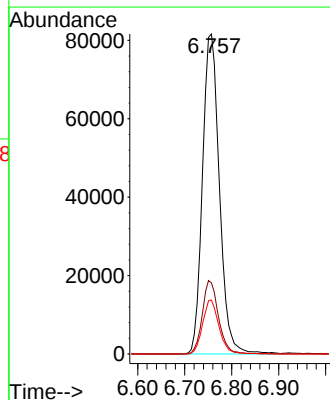
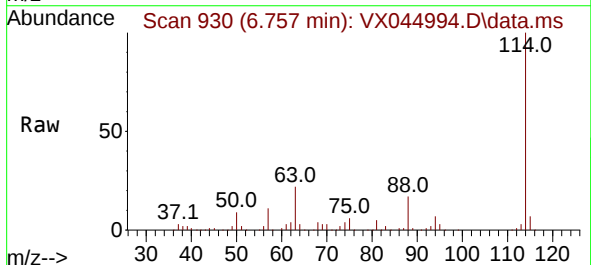
Tgt Ion:114 Resp: 204198

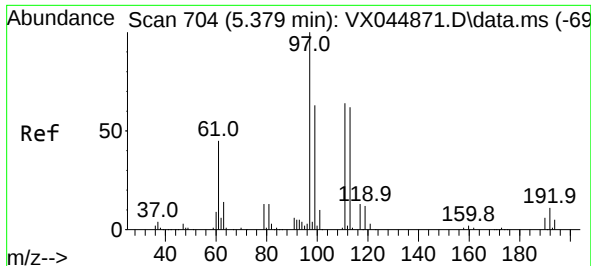
Ion Ratio Lower Upper

114 100

63 22.2 0.0 42.4

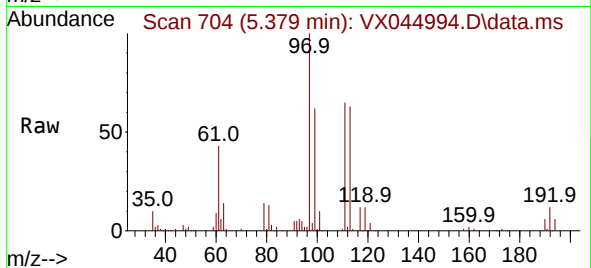
88 16.9 0.0 31.4





#35
Dibromofluoromethane
Concen: 52.222 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

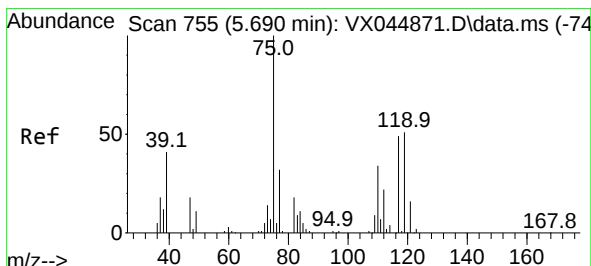
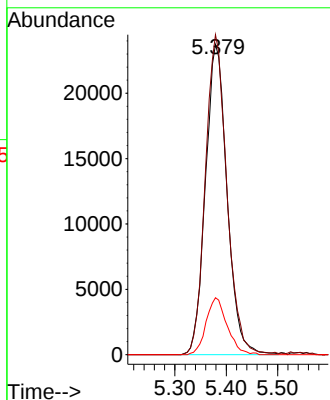
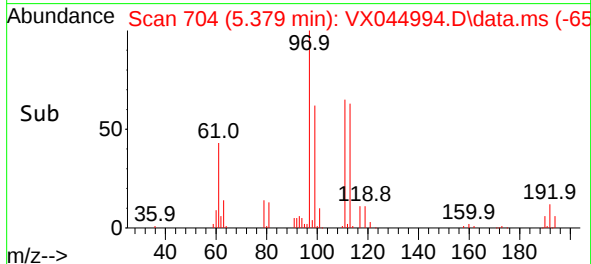
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 6933
Ion Ratio Lower Upper
113 100
111 102.5 83.5 125.3
192 17.9 14.4 21.6

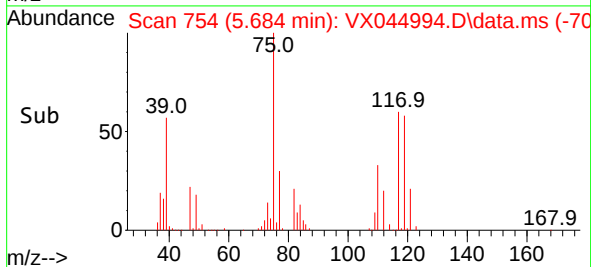
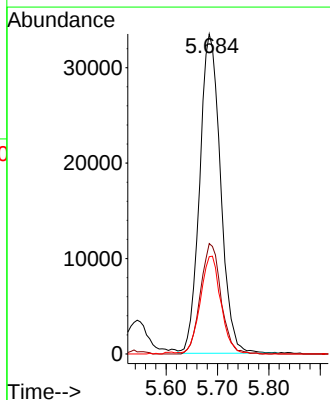
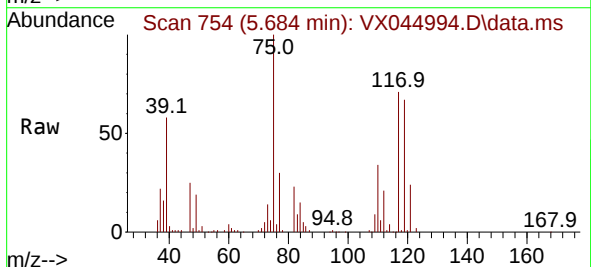
Manual Integrations
APPROVED

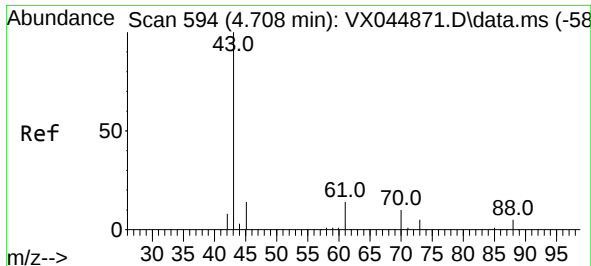
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#36
1,1-Dichloropropene
Concen: 49.130 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

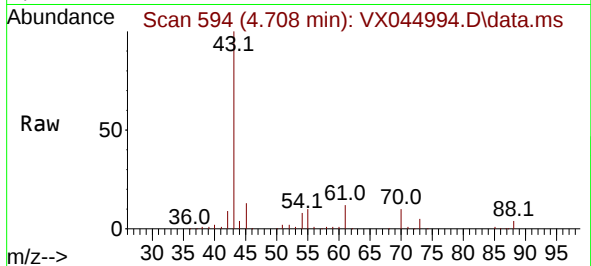
Tgt Ion: 75 Resp: 94104
Ion Ratio Lower Upper
75 100
110 34.1 17.2 51.6
77 30.4 24.6 37.0





#37
Ethyl Acetate
Concen: 50.853 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

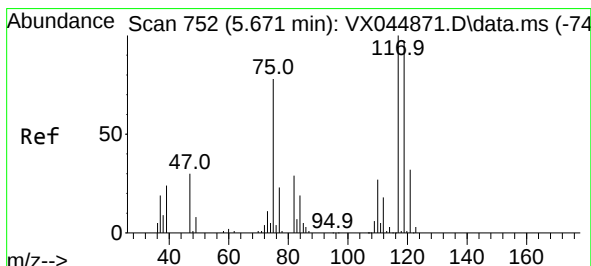
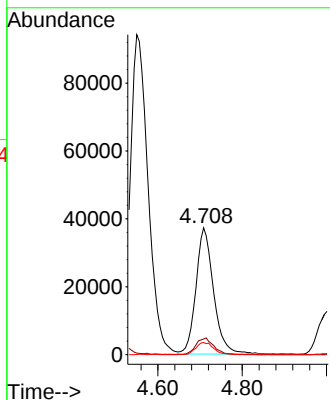
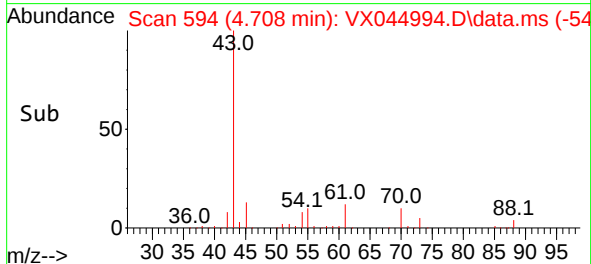
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 10834
Ion Ratio Lower Upper
43 100
61 13.0 11.0 16.4
70 9.8 8.2 12.2

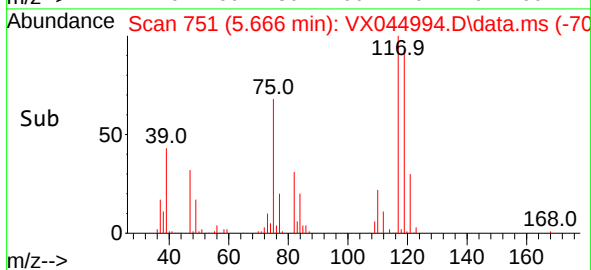
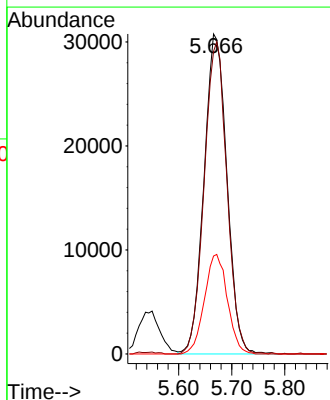
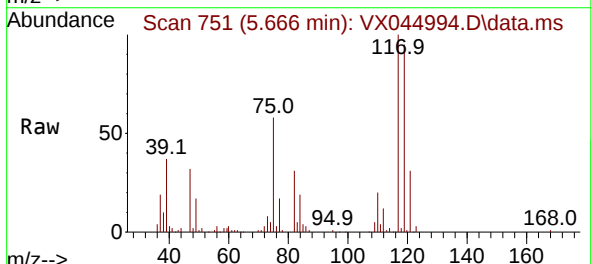
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#38
Carbon Tetrachloride
Concen: 49.215 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

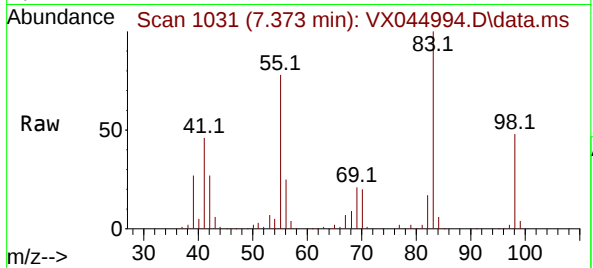
Tgt Ion:117 Resp: 92377
Ion Ratio Lower Upper
117 100
119 94.5 77.5 116.3
121 30.6 25.6 38.4





#39
Methylcyclohexane
Concen: 48.662 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

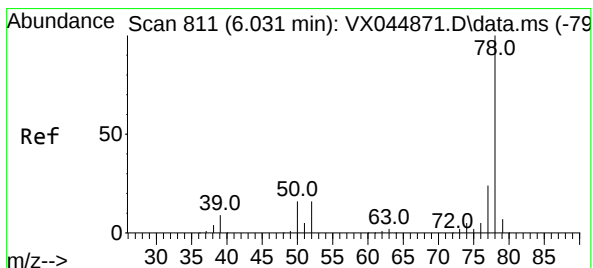
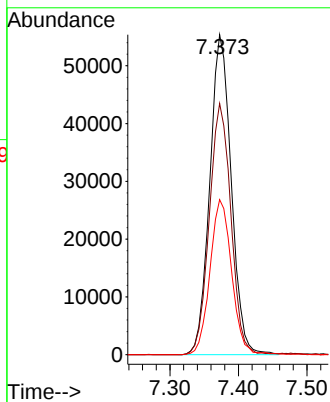
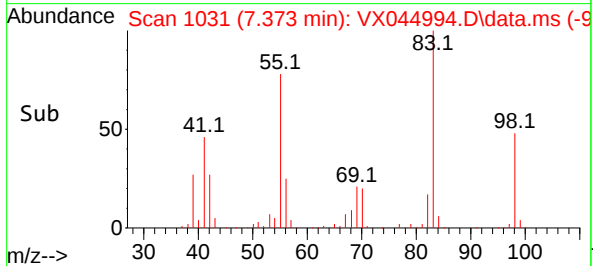
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 120502
Ion Ratio Lower Upper
83 100
55 78.5 61.3 91.9
98 48.4 37.0 55.6

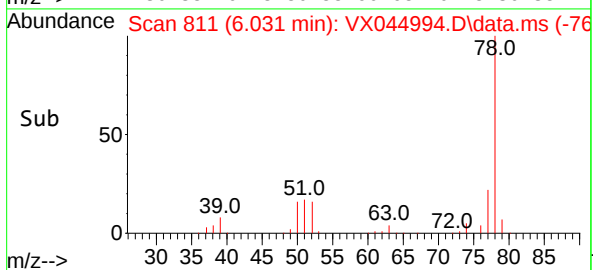
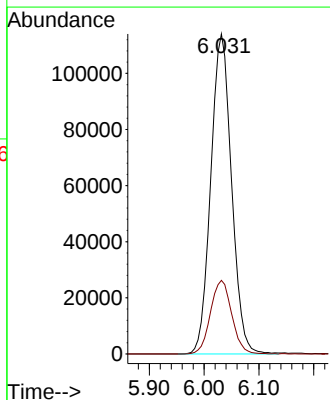
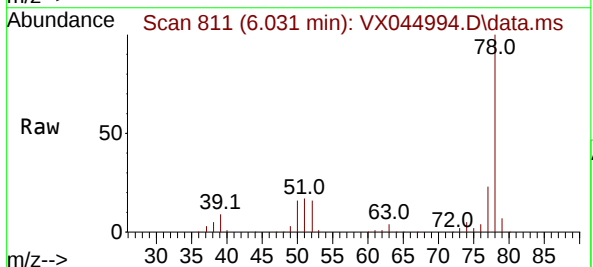
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#40
Benzene
Concen: 50.062 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

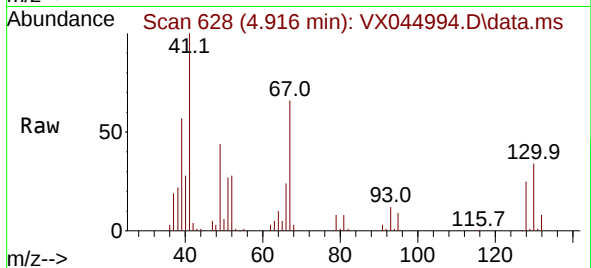
Tgt Ion: 78 Resp: 299424
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6





#41
Methacrylonitrile
Concen: 55.340 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

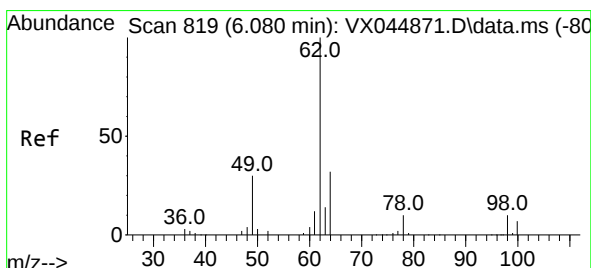
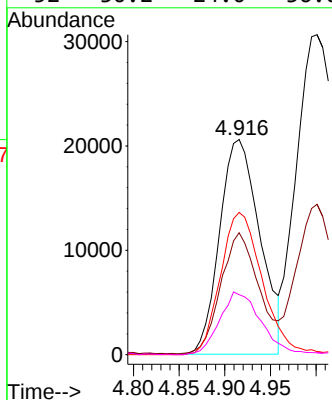
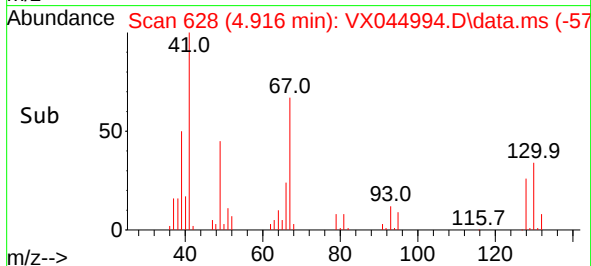
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 63108
Ion Ratio Lower Upper
41 100
39 53.9 43.1 64.7
67 69.0 57.0 85.6
52 30.2 24.0 36.0

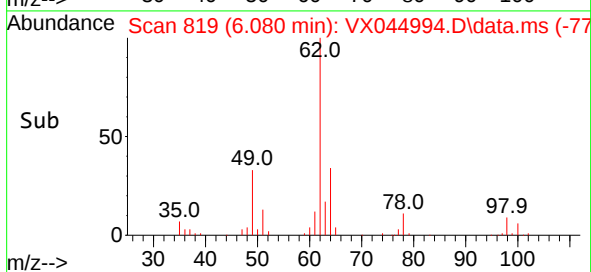
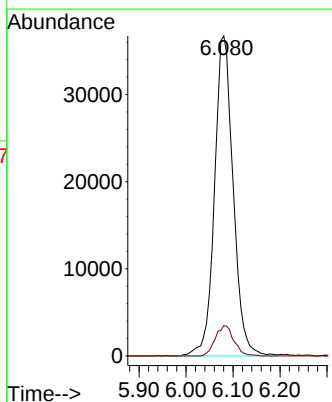
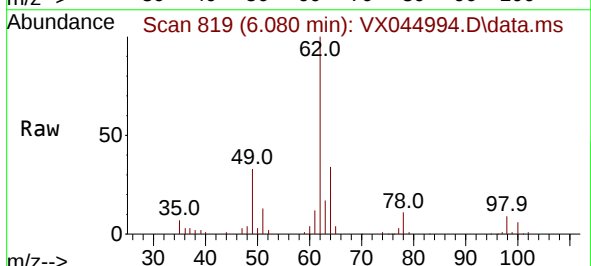
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#42
1,2-Dichloroethane
Concen: 53.244 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

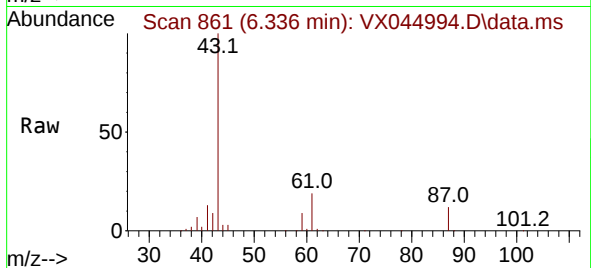
Tgt Ion: 62 Resp: 101495
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.4





#43
Isopropyl Acetate
Concen: 52.936 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

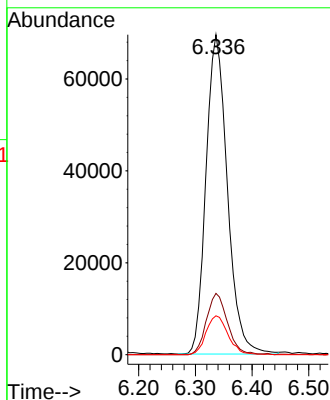
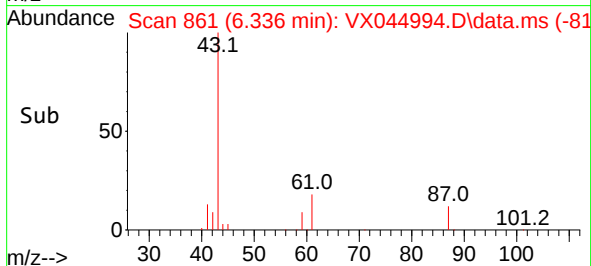
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 182120
Ion Ratio Lower Upper
43 100
61 18.9 15.8 23.8
87 12.5 10.0 15.0

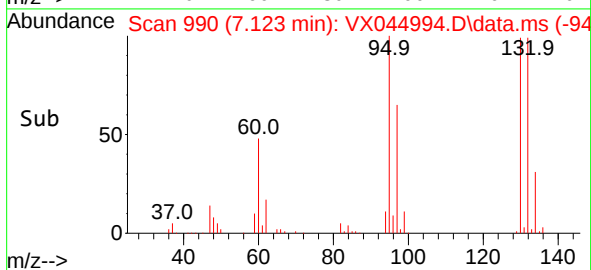
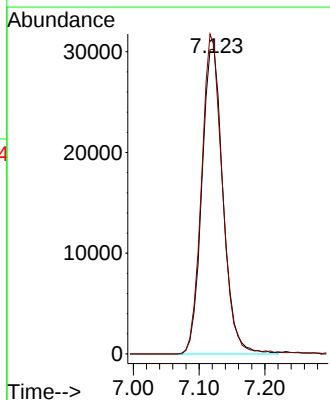
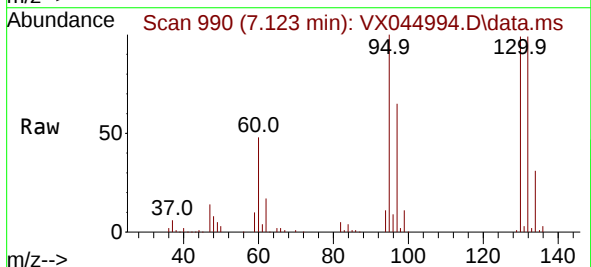
Manual Integrations
APPROVED

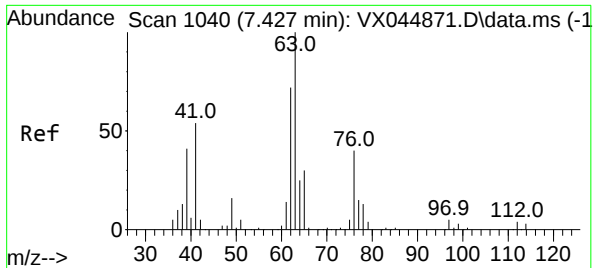
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#44
Trichloroethene
Concen: 49.986 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

Tgt Ion:130 Resp: 68336
Ion Ratio Lower Upper
130 100
95 101.1 0.0 202.4





#45

1,2-Dichloropropane

Concen: 51.740 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX044994.D

Acq: 18 Feb 2025 17:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 7698

Ion Ratio Lower Upper

63 100

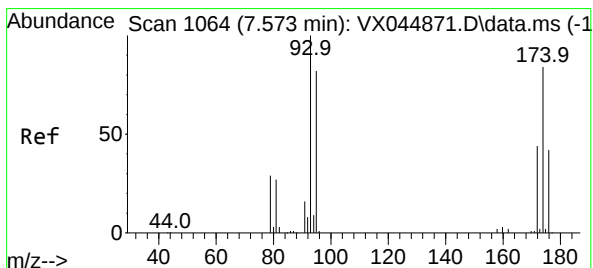
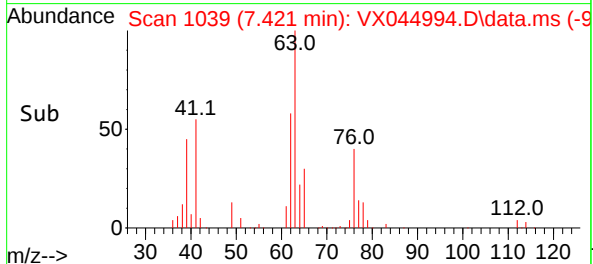
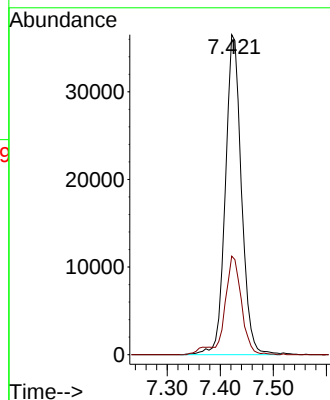
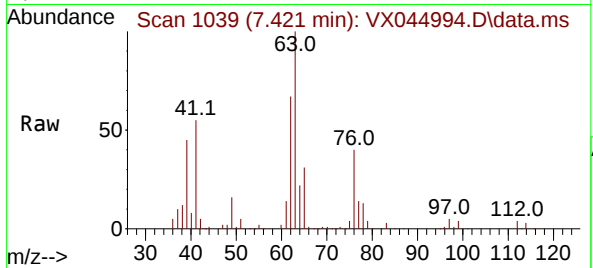
65 30.8 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#46

Dibromomethane

Concen: 51.129 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX044994.D

Acq: 18 Feb 2025 17:40

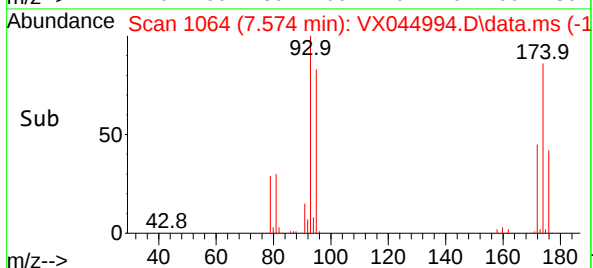
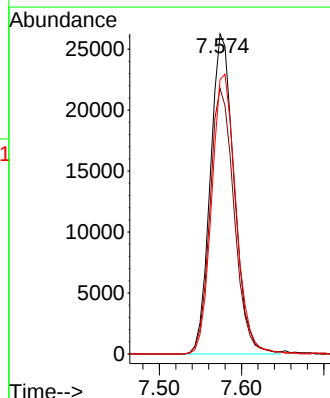
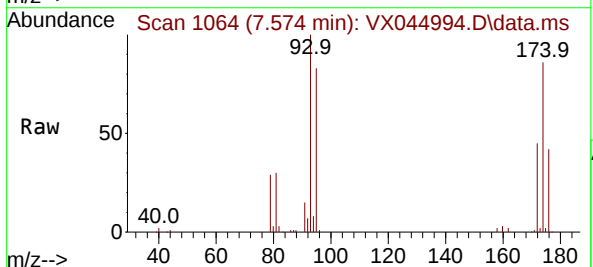
Tgt Ion: 93 Resp: 52761

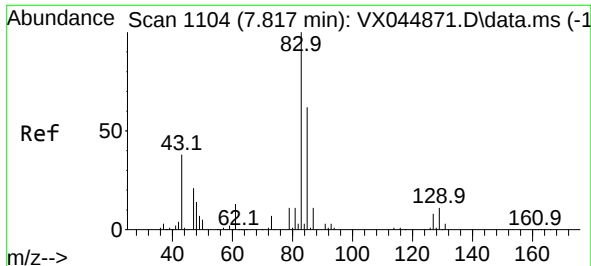
Ion Ratio Lower Upper

93 100

95 84.2 66.2 99.4

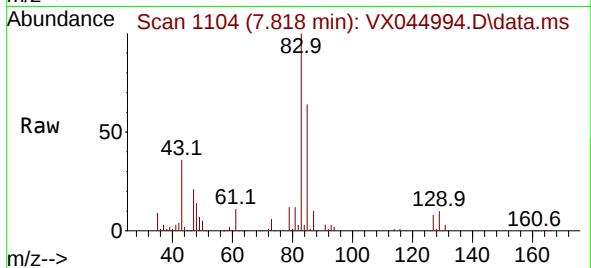
174 88.9 69.9 104.9





#47
Bromodichloromethane
Concen: 52.872 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

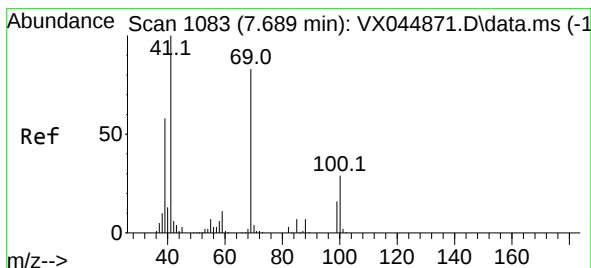
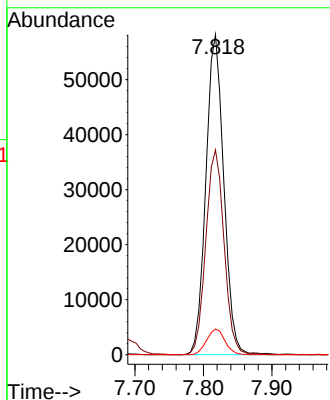
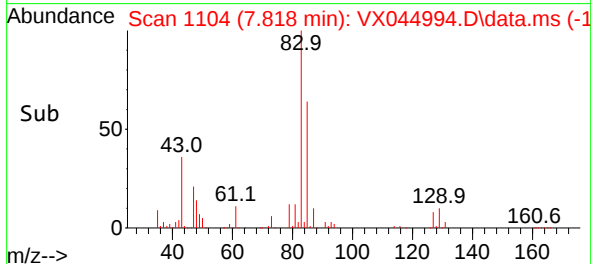
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 105644
Ion Ratio Lower Upper
83 100
85 64.0 50.0 75.0
127 8.0 6.4 9.6

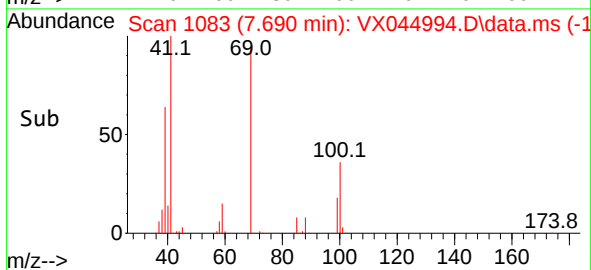
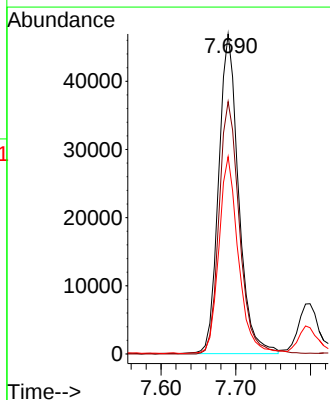
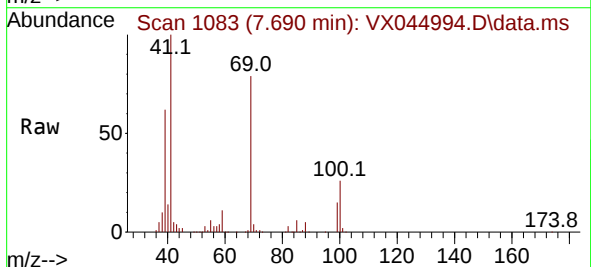
Manual Integrations
APPROVED

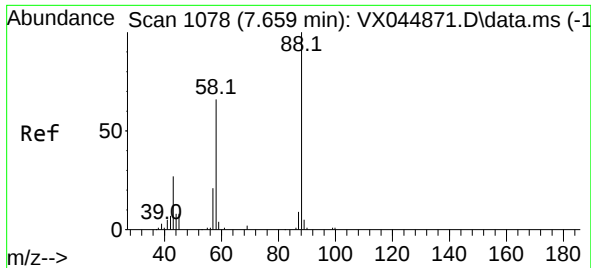
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#48
Methyl methacrylate
Concen: 53.747 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

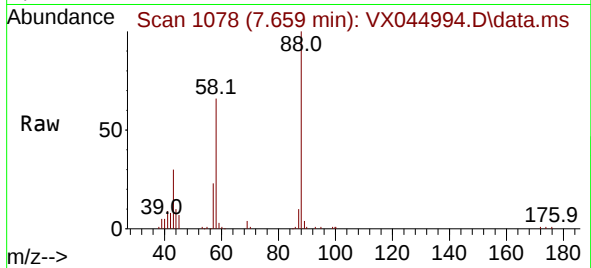
Tgt Ion: 41 Resp: 87187
Ion Ratio Lower Upper
41 100
69 80.8 65.8 98.8
39 60.1 46.4 69.6





#49
1,4-Dioxane
Concen: 837.521 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

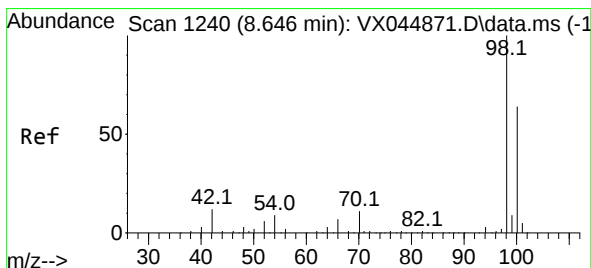
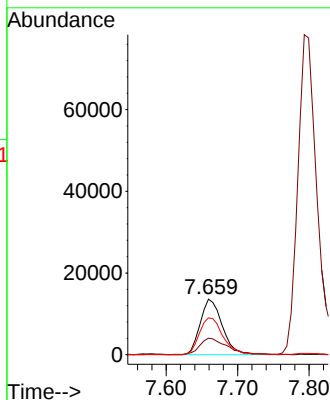
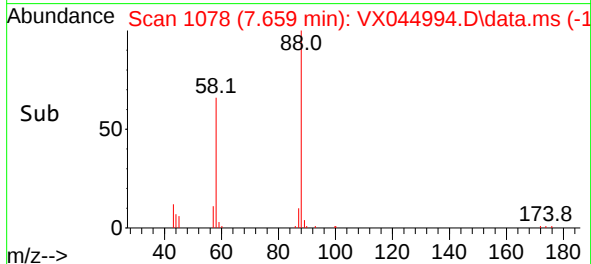
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 29149
Ion Ratio Lower Upper
88 100
43 36.8 26.6 39.8
58 70.9 55.9 83.9

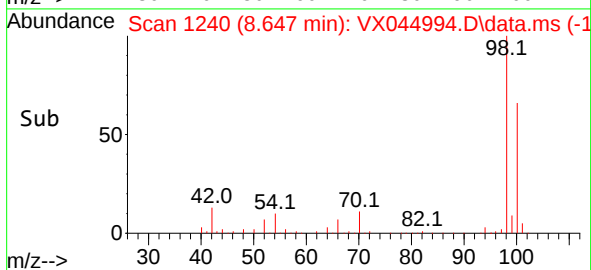
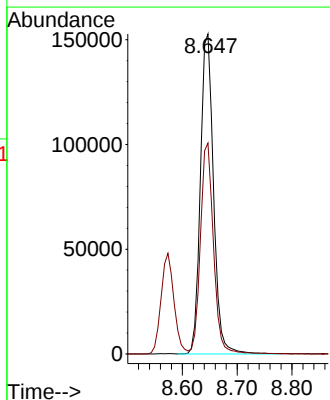
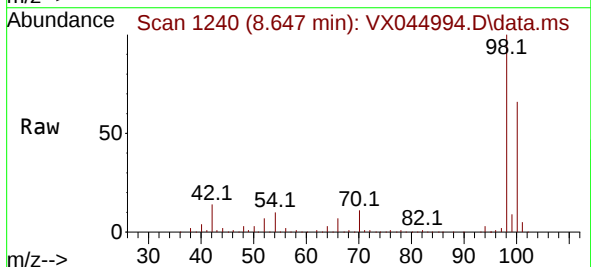
Manual Integrations
APPROVED

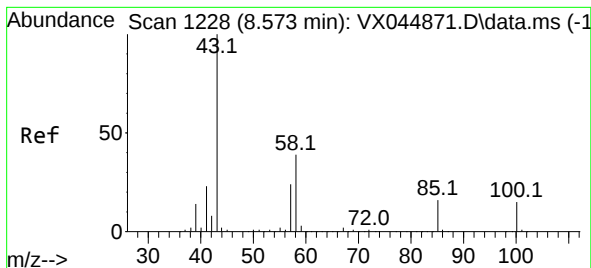
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#50
Toluene-d8
Concen: 50.565 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

Tgt Ion: 98 Resp: 253852
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1





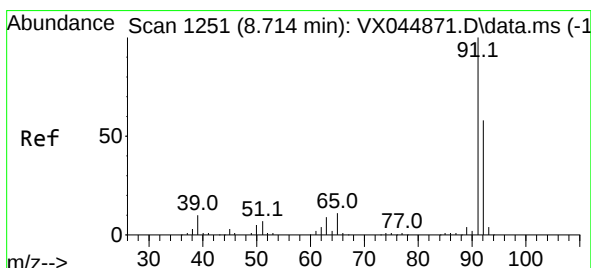
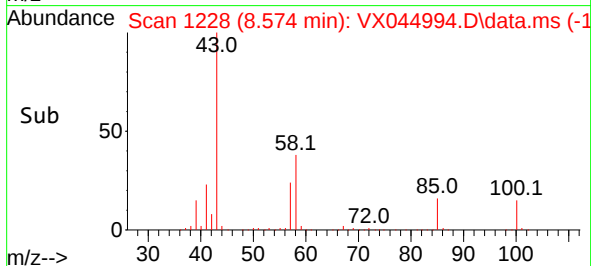
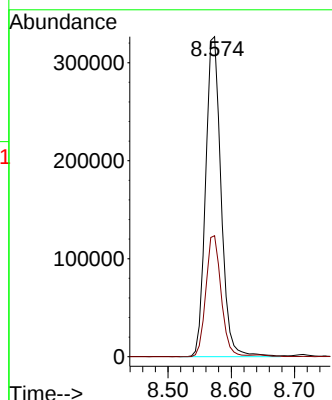
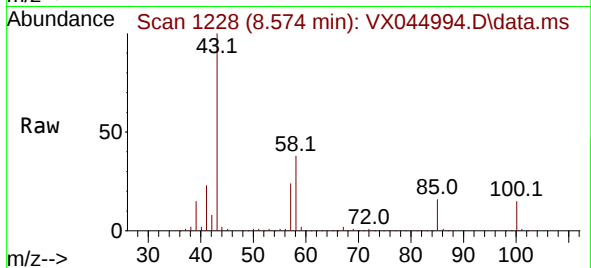
#51
4-Methyl-2-Pentanone
Concen: 265.647 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 55561
Ion Ratio Lower Upper
43 100
58 37.3 30.8 46.2

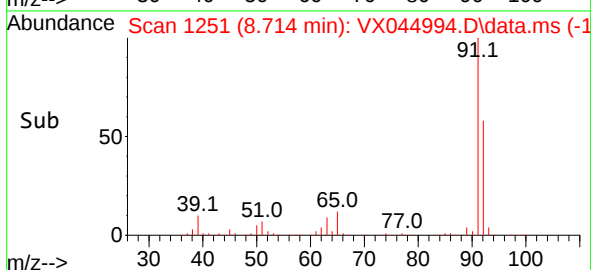
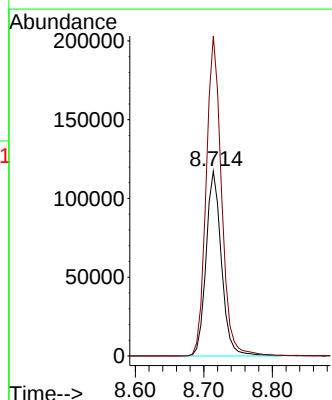
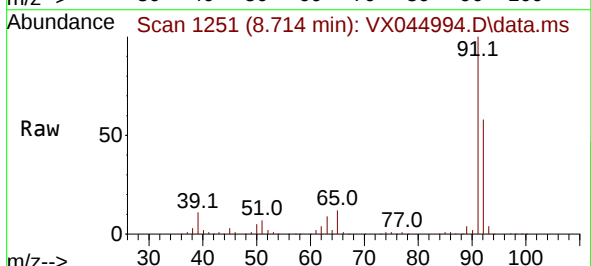
Manual Integrations
APPROVED

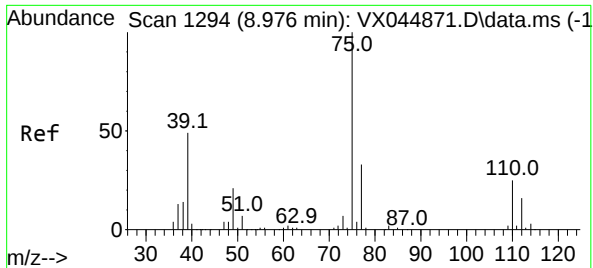
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#52
Toluene
Concen: 51.451 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

Tgt Ion: 92 Resp: 183271
Ion Ratio Lower Upper
92 100
91 173.7 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 51.847 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX044994.D

Acq: 18 Feb 2025 17:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 10483

Ion Ratio Lower Upper

75 100

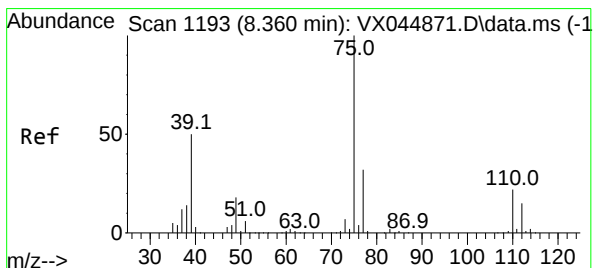
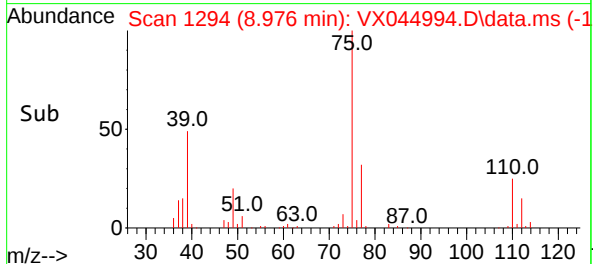
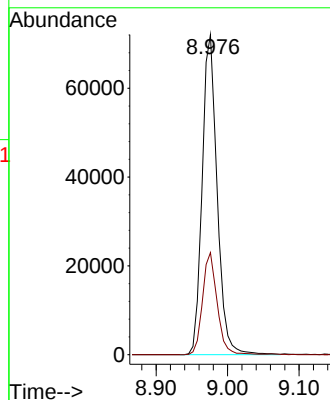
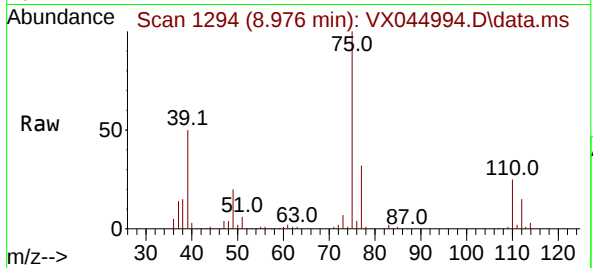
77 31.9 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#54

cis-1,3-Dichloropropene

Concen: 52.772 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX044994.D

Acq: 18 Feb 2025 17:40

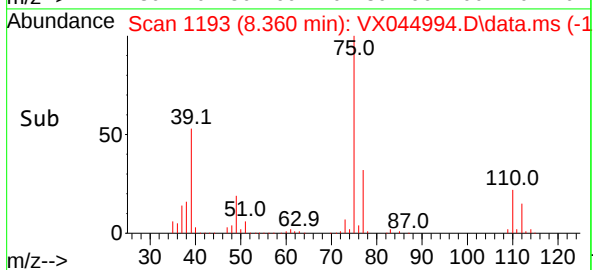
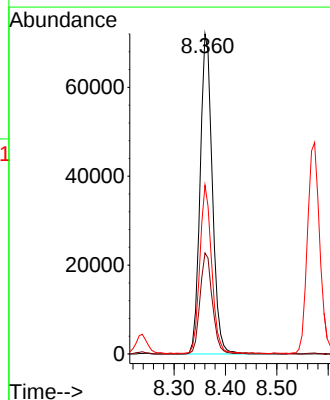
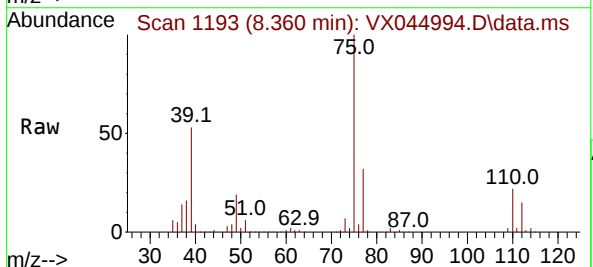
Tgt Ion: 75 Resp: 118971

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

39 52.5 40.0 60.0





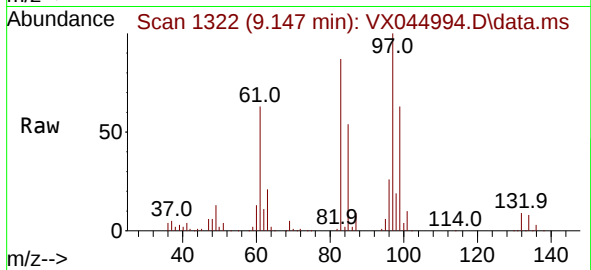
#55
1,1,2-Trichloroethane
Concen: 52.111 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



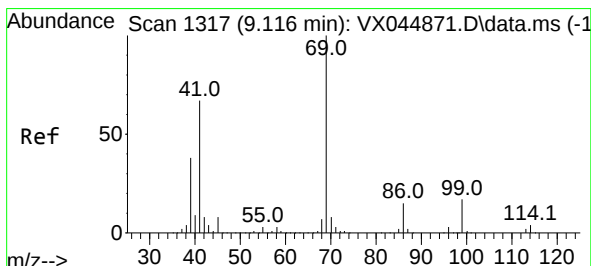
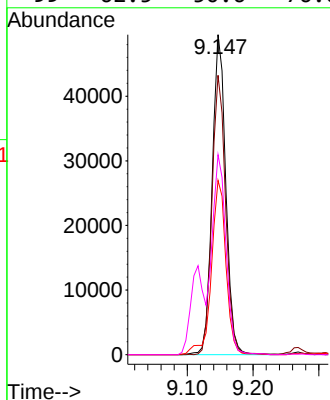
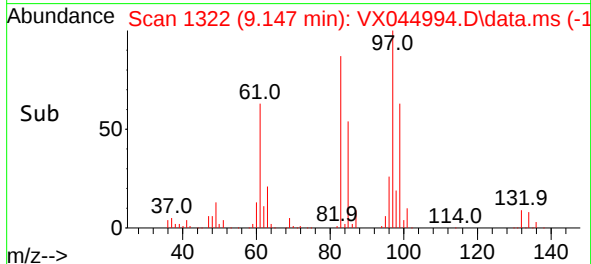
Tgt Ion: 97 Resp: 7135
Ion Ratio Lower Upper
97 100
83 87.3 69.8 104.6
85 54.4 44.8 67.2
99 62.5 50.6 76.0

Manual Integrations

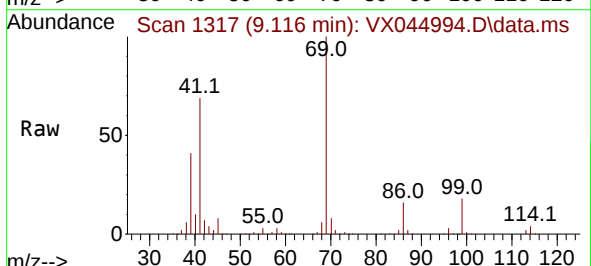
APPROVED

Reviewed By :John Carlone 02/19/2025

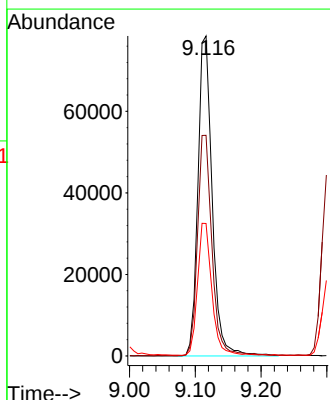
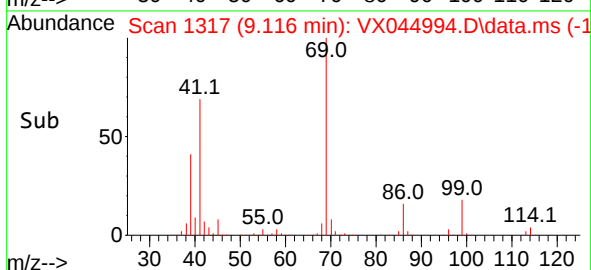
Supervised By :Mahesh Dadoda 02/19/2025

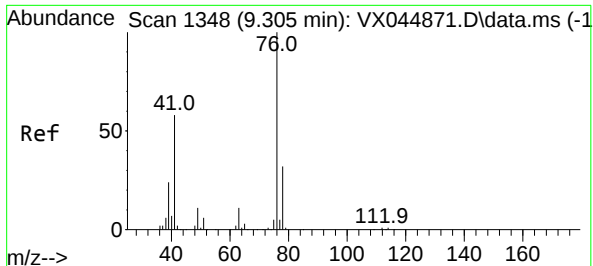


#56
Ethyl methacrylate
Concen: 53.579 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40



Tgt Ion: 69 Resp: 118493
Ion Ratio Lower Upper
69 100
41 69.6 55.2 82.8
39 41.3 30.8 46.2





#57

1,3-Dichloropropane

Concen: 52.811 ug/l

RT: 9.305 min Scan# 111

Delta R.T. 0.000 min

Lab File: VX044994.D

Acq: 18 Feb 2025 17:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 12652

Ion Ratio Lower Upper

76 100

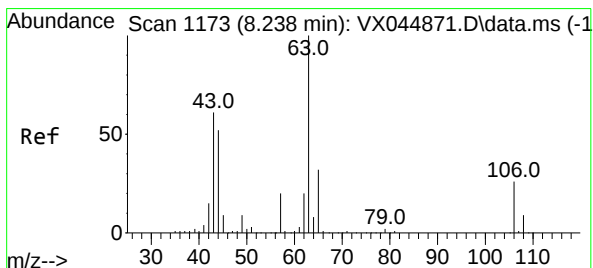
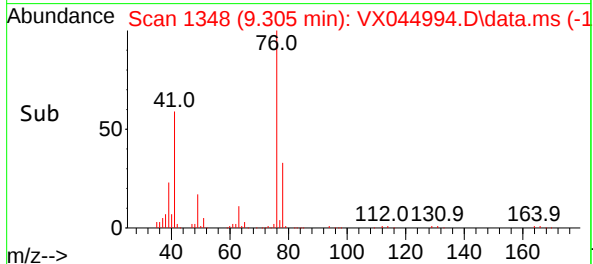
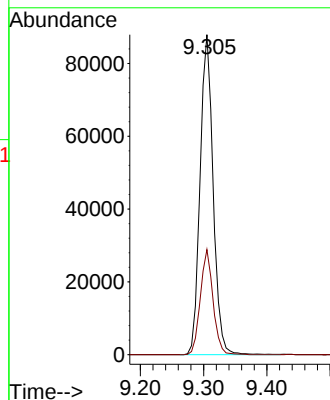
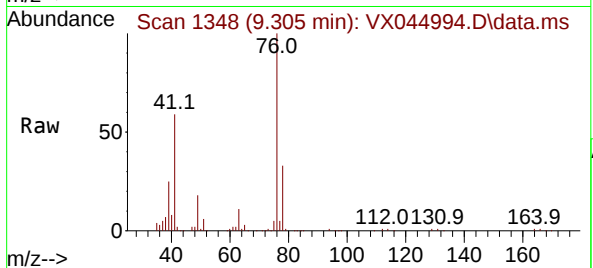
78 31.9 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#58

2-Chloroethyl Vinyl ether

Concen: 276.731 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX044994.D

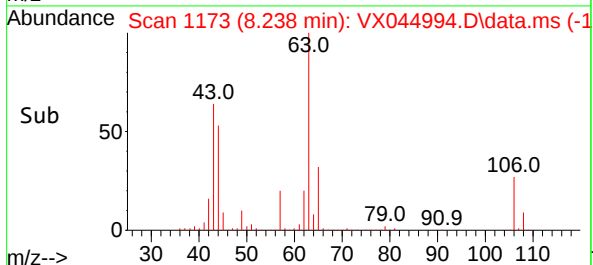
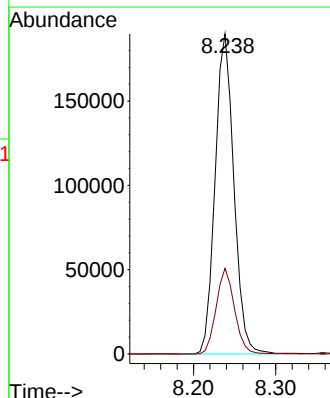
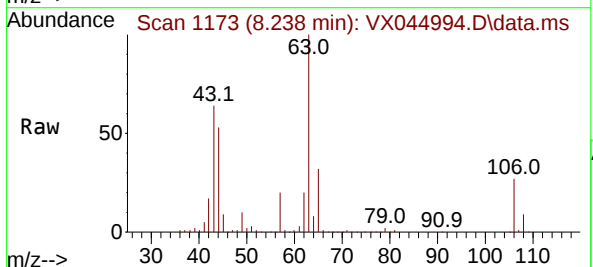
Acq: 18 Feb 2025 17:40

Tgt Ion: 63 Resp: 300500

Ion Ratio Lower Upper

63 100

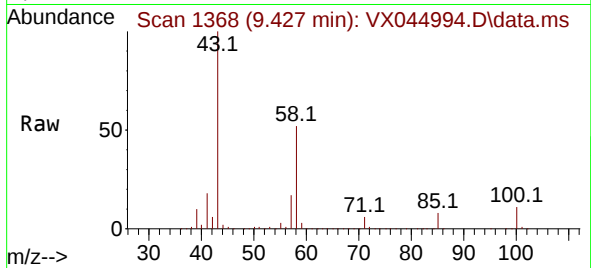
106 26.1 21.3 31.9





#59
2-Hexanone
Concen: 264.123 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

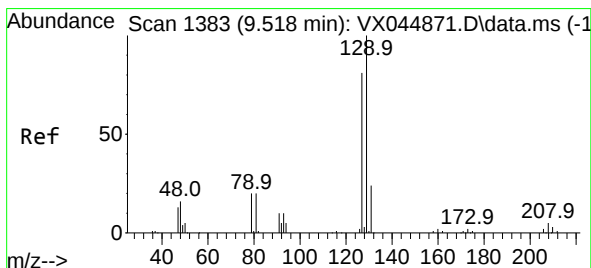
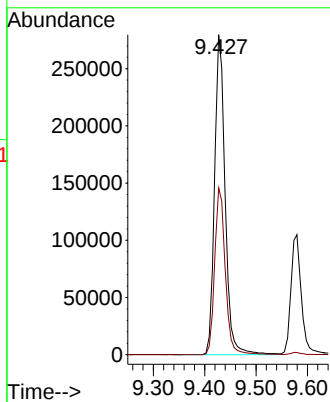
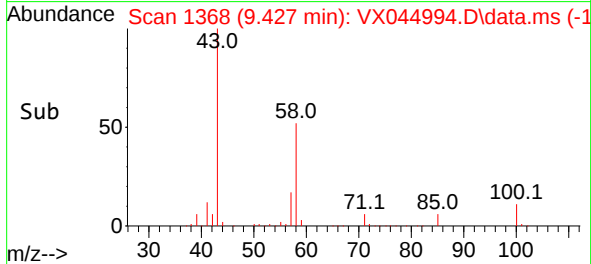
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 39803
Ion Ratio Lower Upper
43 100
58 52.7 27.5 82.4

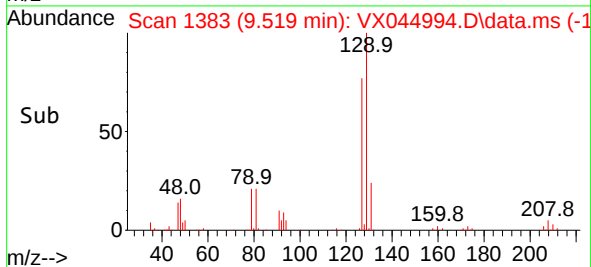
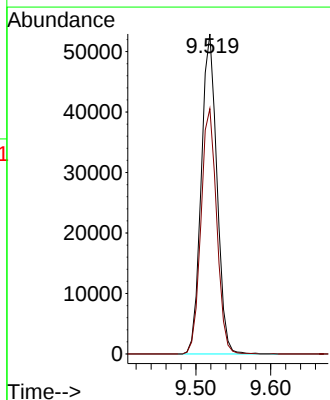
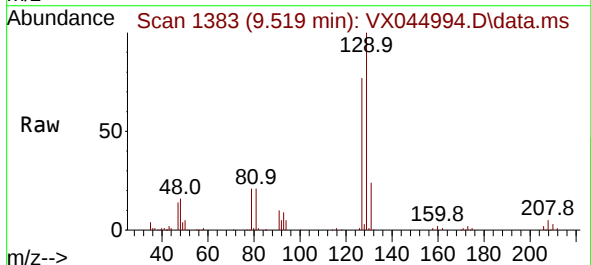
Manual Integrations
APPROVED

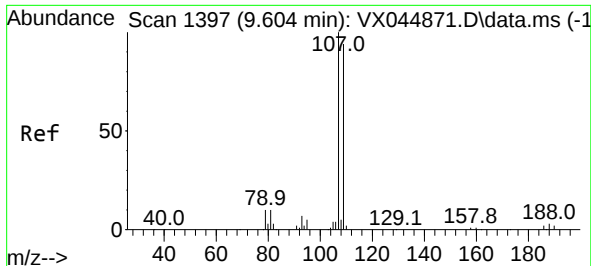
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#60
Dibromochloromethane
Concen: 52.579 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

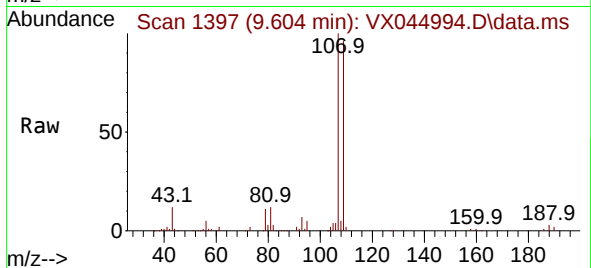
Tgt Ion:129 Resp: 76997
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.3





#61
1,2-Dibromoethane
Concen: 51.540 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

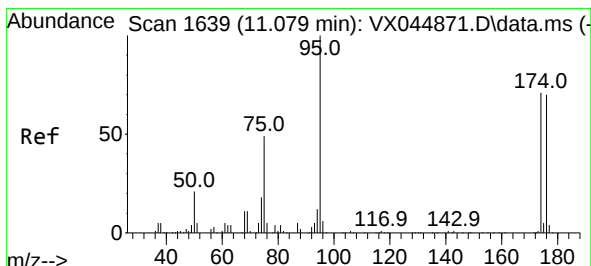
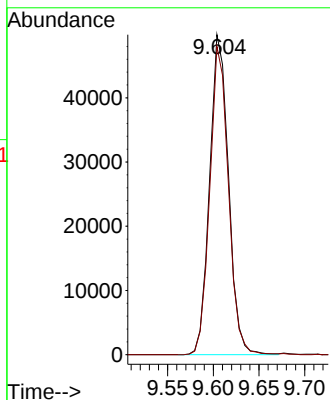
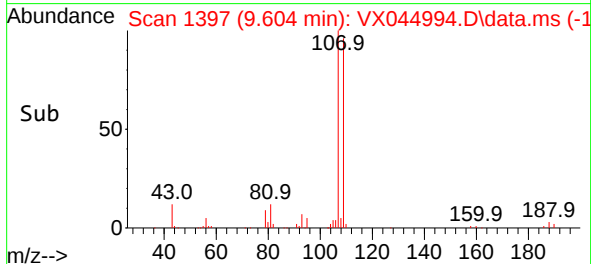
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 71530
Ion Ratio Lower Upper
107 100
109 95.2 75.9 113.9

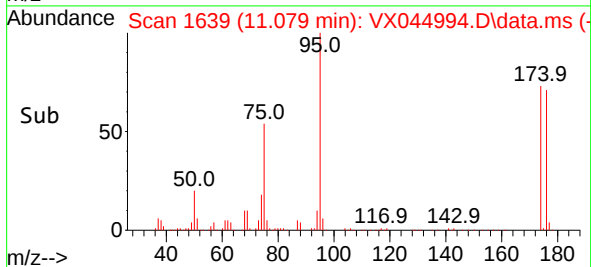
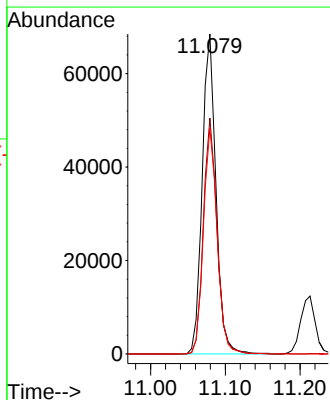
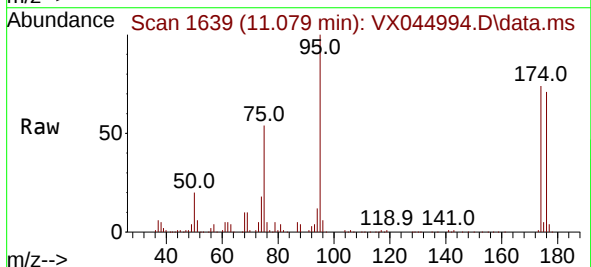
Manual Integrations
APPROVED

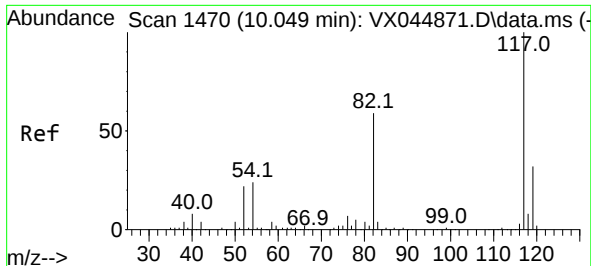
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#62
4-Bromofluorobenzene
Concen: 51.686 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

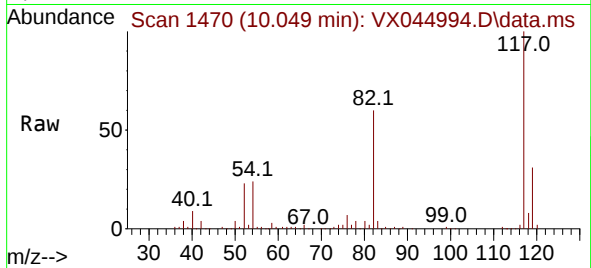
Tgt Ion: 95 Resp: 87475
Ion Ratio Lower Upper
95 100
174 72.9 0.0 142.6
176 70.4 0.0 141.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

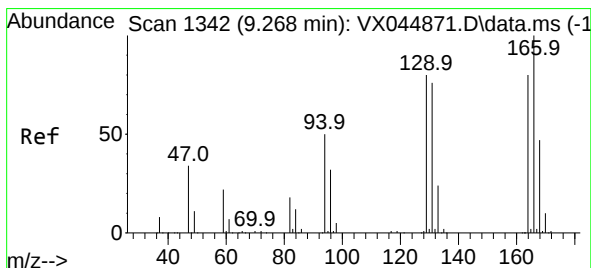
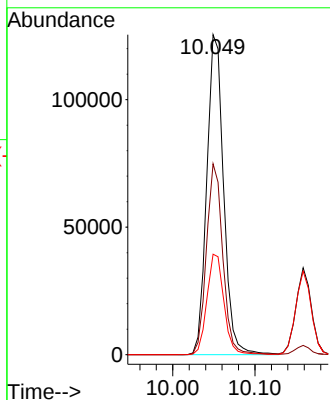
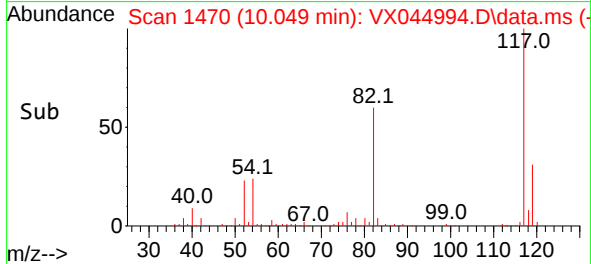
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 178370
Ion Ratio Lower Upper
117 100
82 59.7 47.5 71.3
119 31.4 25.4 38.0

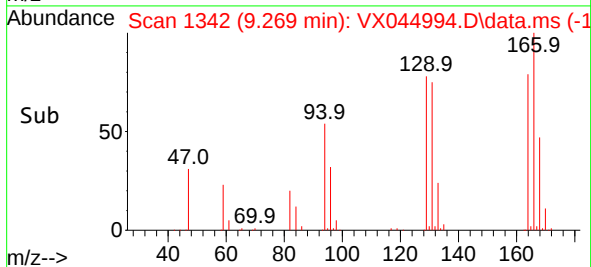
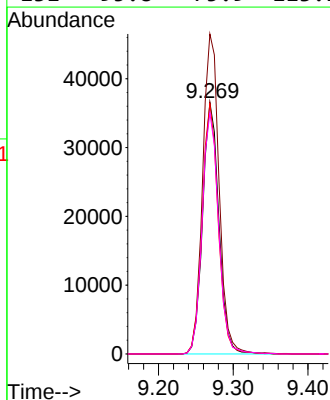
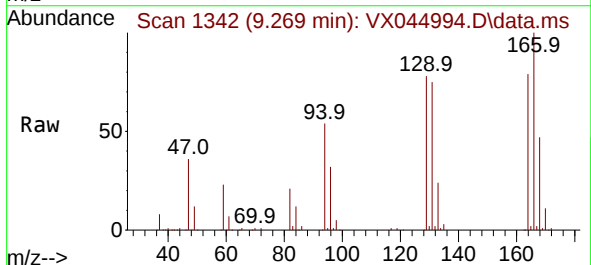
Manual Integrations
APPROVED

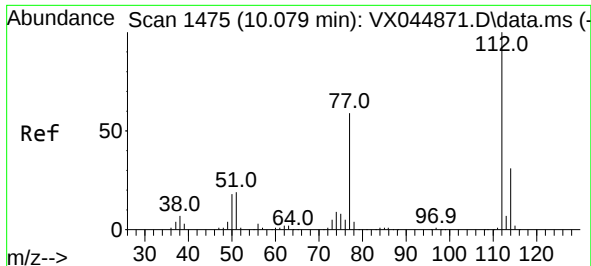
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#64
Tetrachloroethene
Concen: 48.986 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

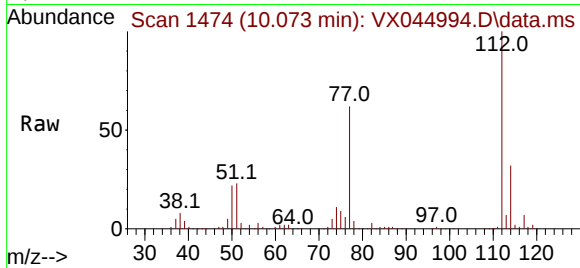
Tgt Ion:164 Resp: 55105
Ion Ratio Lower Upper
164 100
166 127.2 100.4 150.6
129 99.6 79.9 119.9
131 95.8 75.9 113.9





#65
Chlorobenzene
Concen: 51.330 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

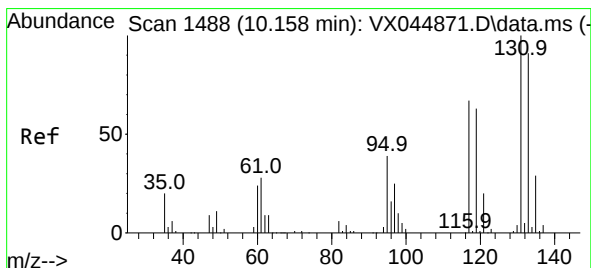
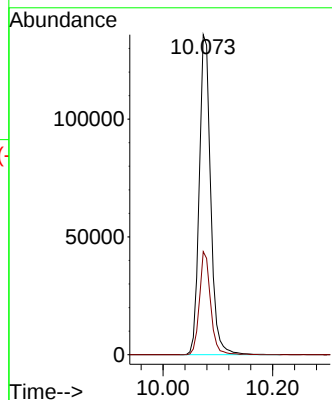
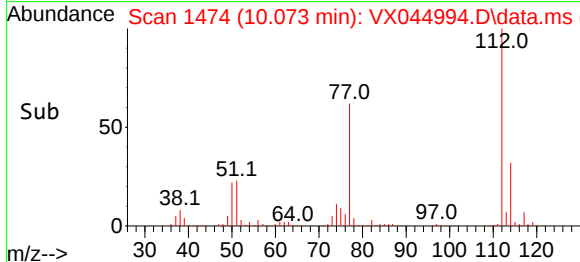
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



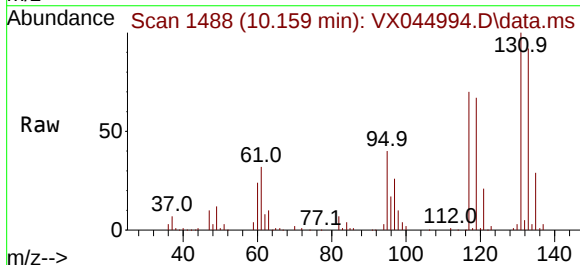
Tgt Ion:112 Resp: 196658
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.6

Manual Integrations
APPROVED

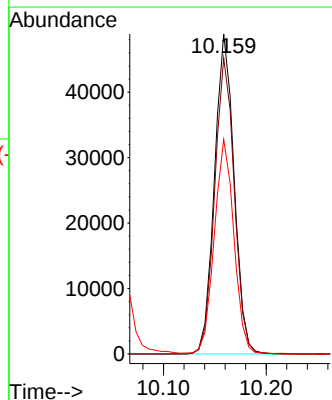
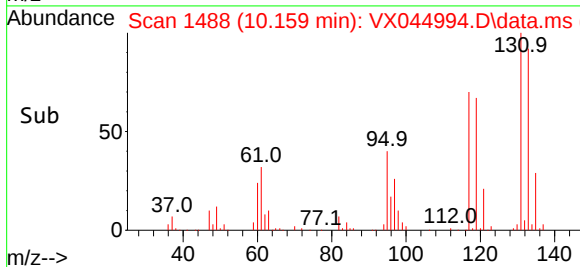
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

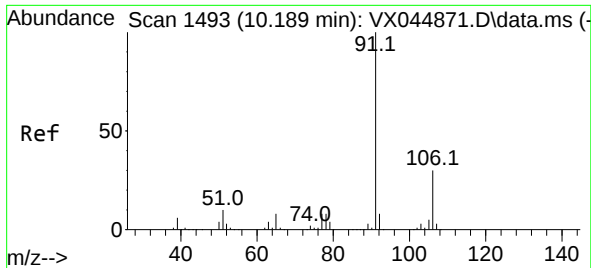


#66
1,1,1,2-Tetrachloroethane
Concen: 52.422 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40



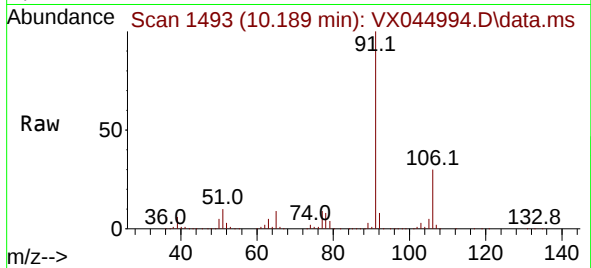
Tgt Ion:131 Resp: 64645
Ion Ratio Lower Upper
131 100
133 92.7 47.1 141.3
119 67.2 33.6 100.6





#67
Ethyl Benzene
Concen: 51.694 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

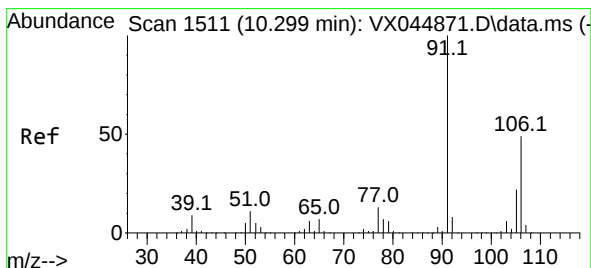
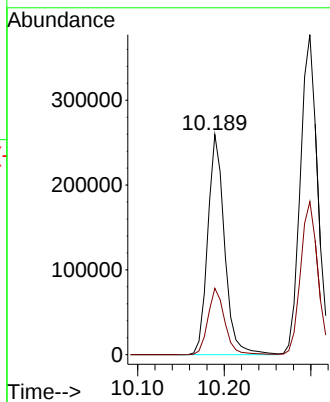
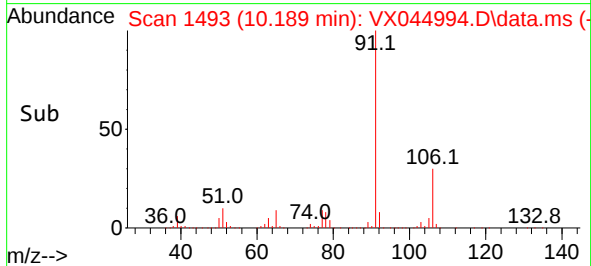
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



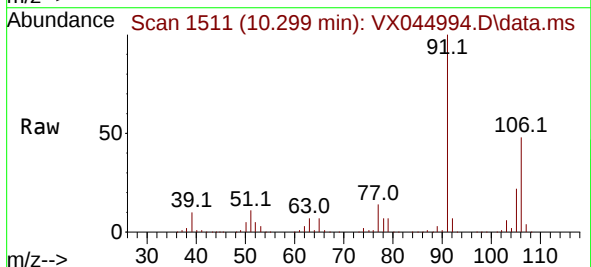
Tgt Ion: 91 Resp: 349498
Ion Ratio Lower Upper
91 100
106 30.2 23.9 35.9

Manual Integrations
APPROVED

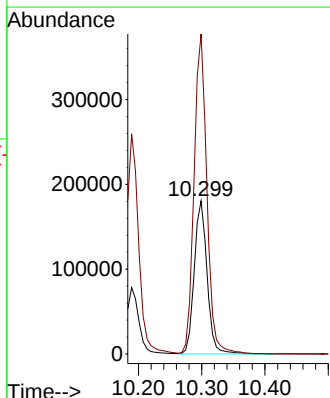
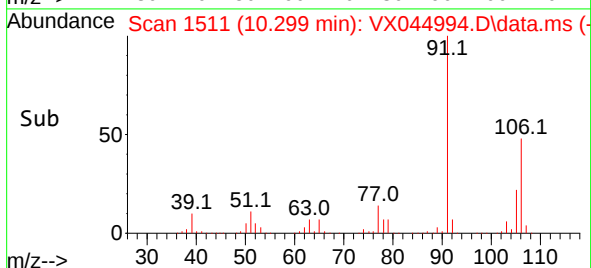
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

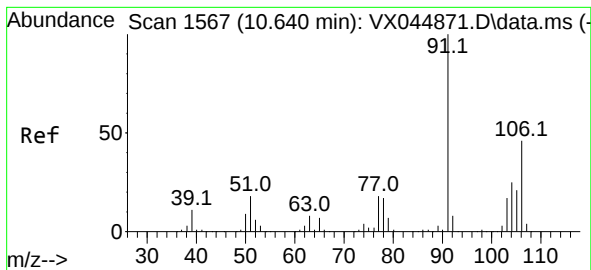


#68
m/p-Xylenes
Concen: 102.291 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40



Tgt Ion:106 Resp: 255115
Ion Ratio Lower Upper
106 100
91 208.8 164.3 246.5





#69

o-Xylene

Concen: 50.654 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX044994.D

Acq: 18 Feb 2025 17:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:106 Resp: 126762

Ion Ratio Lower Upper

106 100

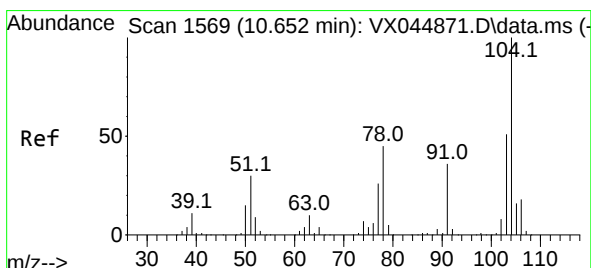
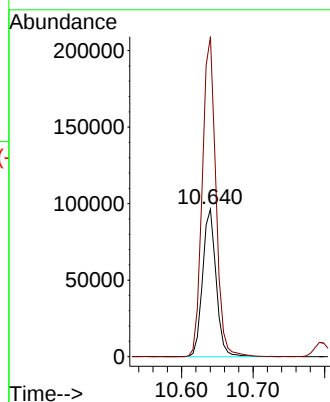
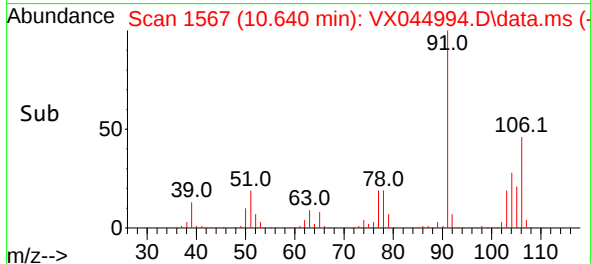
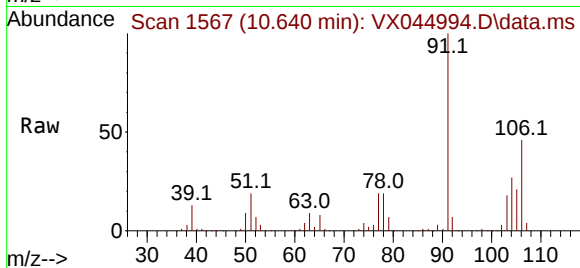
91 218.1 108.5 325.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#70

Styrene

Concen: 51.959 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX044994.D

Acq: 18 Feb 2025 17:40

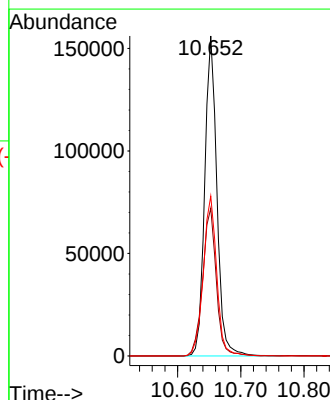
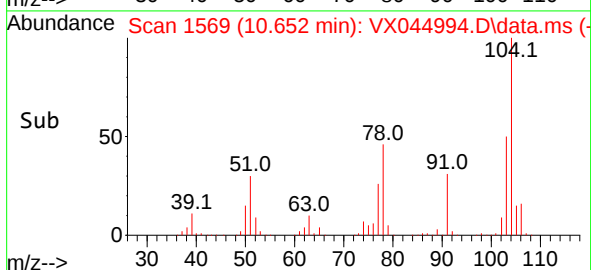
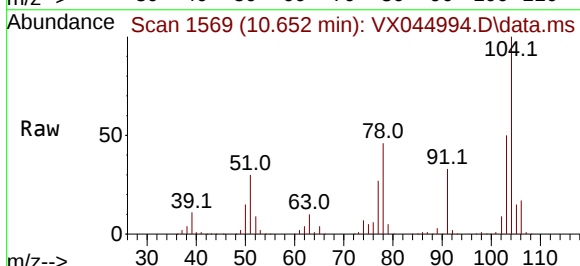
Tgt Ion:104 Resp: 209492

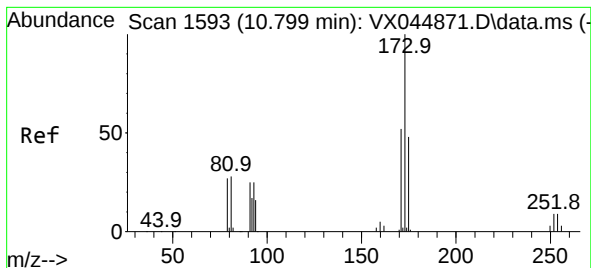
Ion Ratio Lower Upper

104 100

78 51.7 40.5 60.7

103 55.1 43.6 65.4





#71

Bromoform

Concen: 51.822 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044994.D

Acq: 18 Feb 2025 17:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

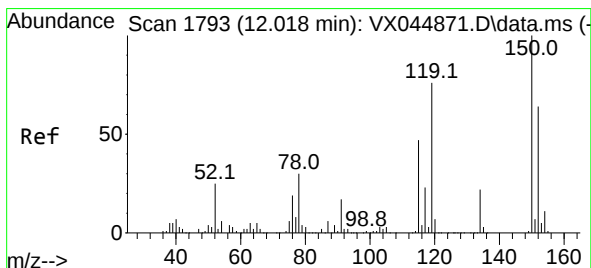
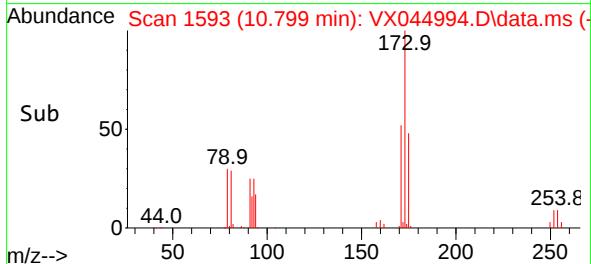
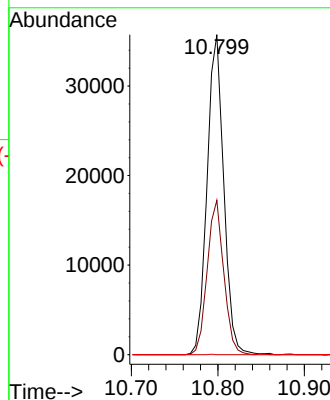
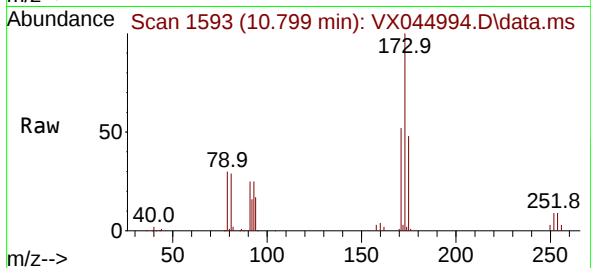
Tgt Ion:173 Resp: 47692
 Ion Ratio Lower Upper
 173 100
 175 47.9 24.3 72.8
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

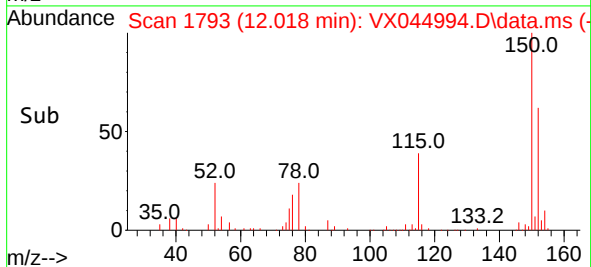
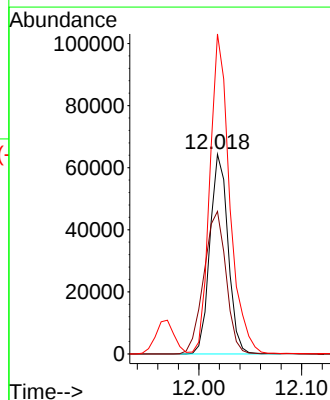
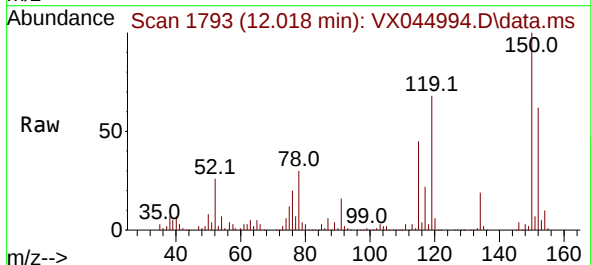
RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX044994.D

Acq: 18 Feb 2025 17:40

Tgt Ion:152 Resp: 78847
 Ion Ratio Lower Upper
 152 100
 115 87.6 43.4 130.1
 150 174.9 0.0 350.4





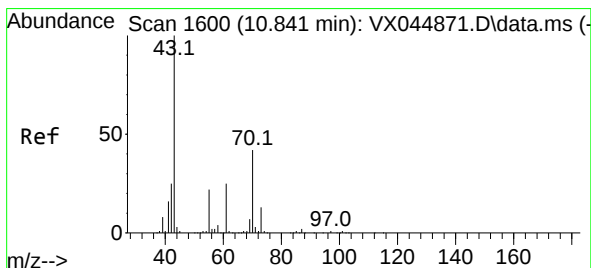
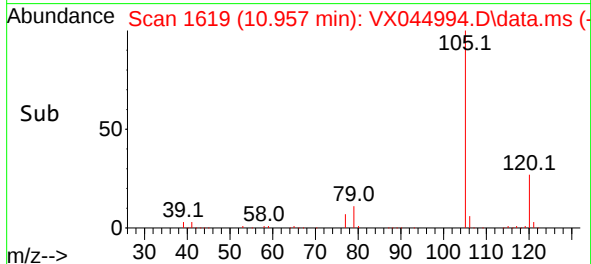
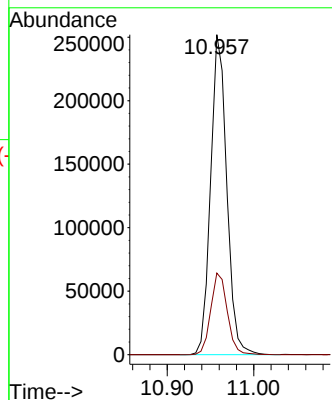
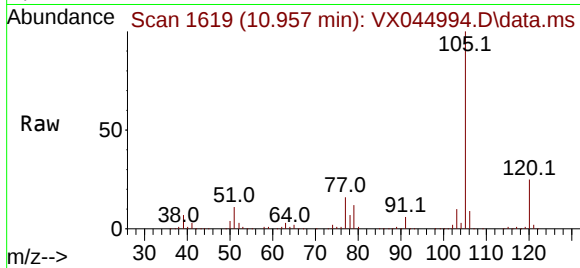
#73
Isopropylbenzene
Concen: 51.374 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 326150
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.5

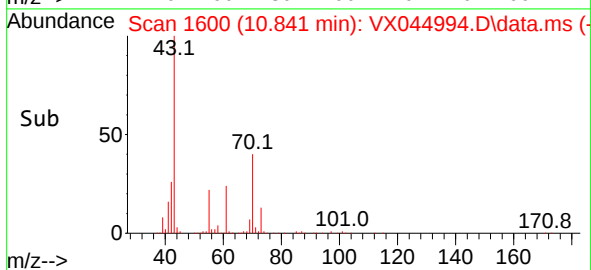
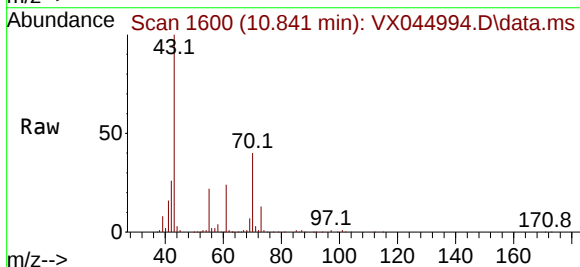
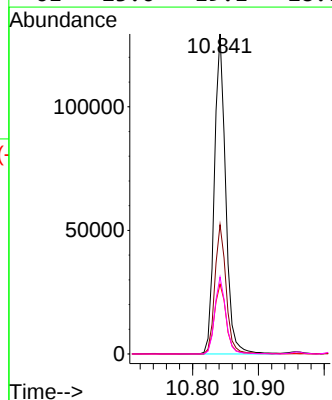
Manual Integrations
APPROVED

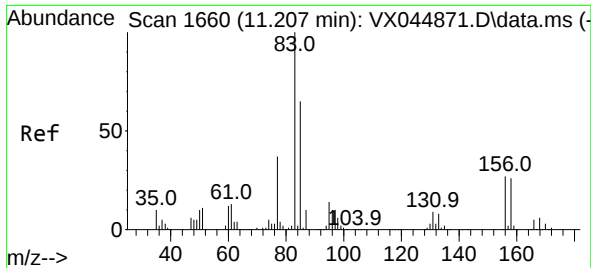
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#74
N-ethyl acetate
Concen: 53.747 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

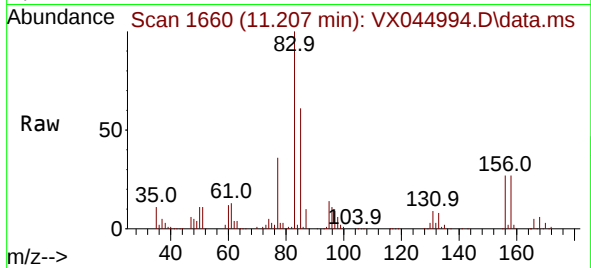
Tgt Ion: 43 Resp: 154408
Ion Ratio Lower Upper
43 100
70 40.3 33.7 50.5
55 22.9 18.6 27.8
61 23.6 19.1 28.7





#75
1,1,2,2-Tetrachloroethane
Concen: 50.237 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

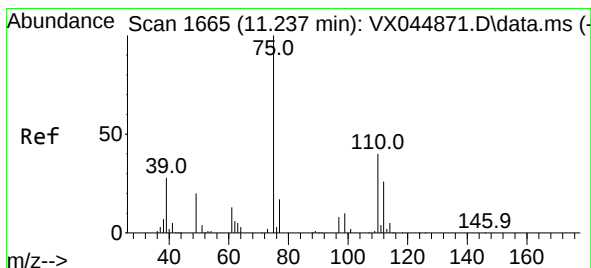
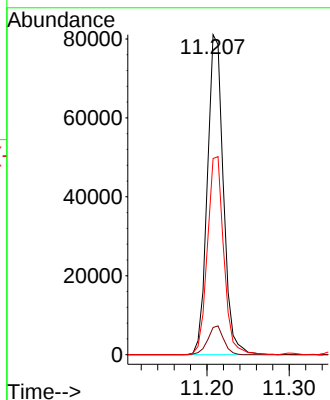
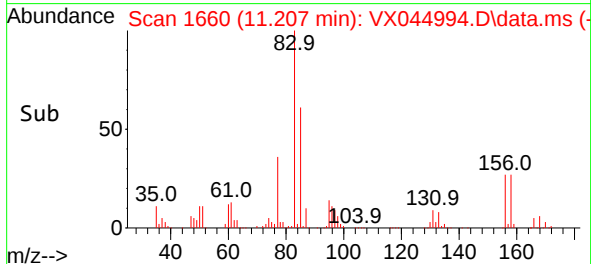
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



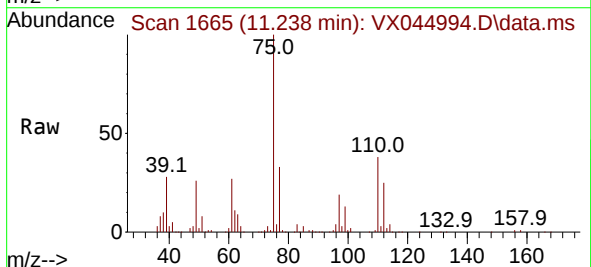
Tgt Ion: 83 Resp: 10959
Ion Ratio Lower Upper
83 100
131 8.9 4.5 13.5
85 63.2 32.3 96.8

Manual Integrations
APPROVED

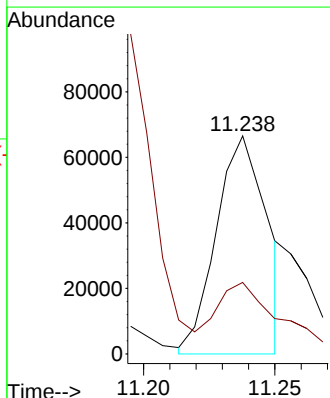
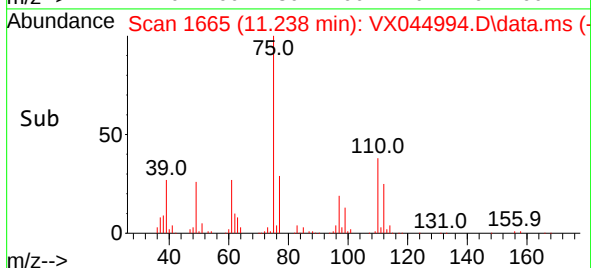
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

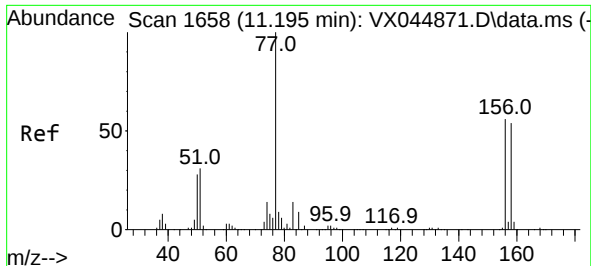


#76
1,2,3-Trichloropropane
Concen: 50.945 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40



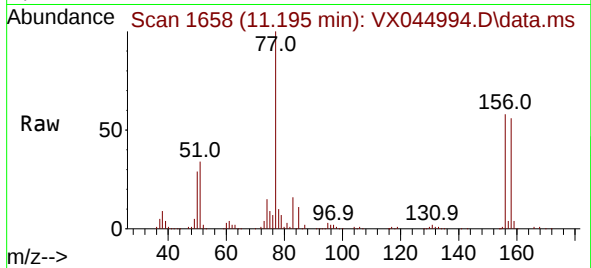
Tgt Ion: 75 Resp: 89060
Ion Ratio Lower Upper
75 100
77 41.8 21.9 65.7





#77
Bromobenzene
Concen: 50.841 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

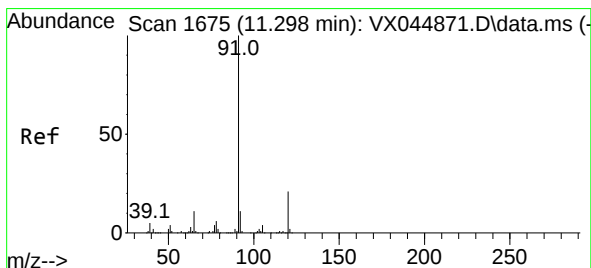
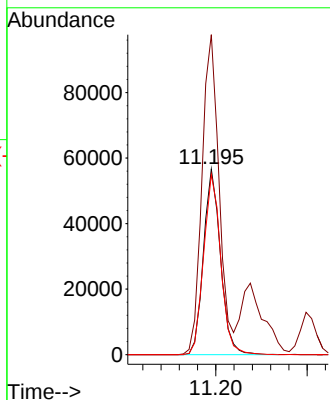
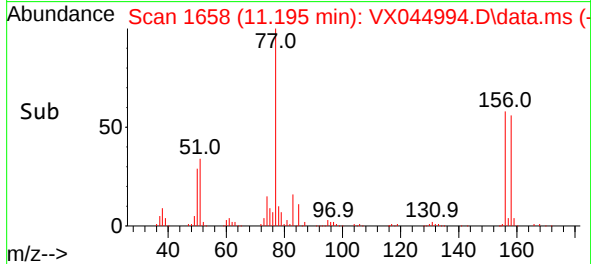
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



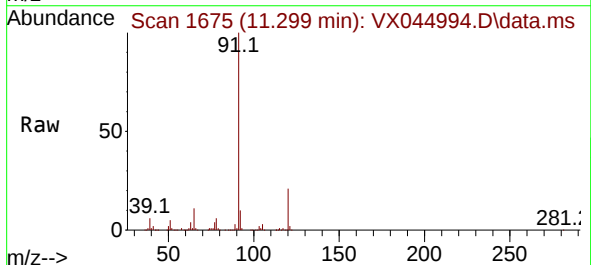
Tgt Ion:156 Resp: 7317
Ion Ratio Lower Upper
156 100
77 173.4 88.4 265.3
158 98.0 48.4 145.2

Manual Integrations
APPROVED

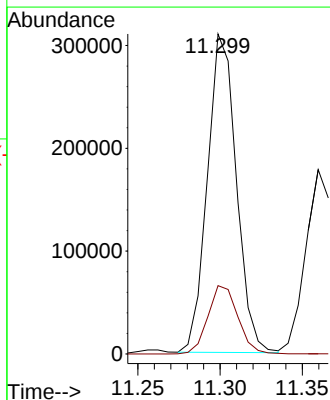
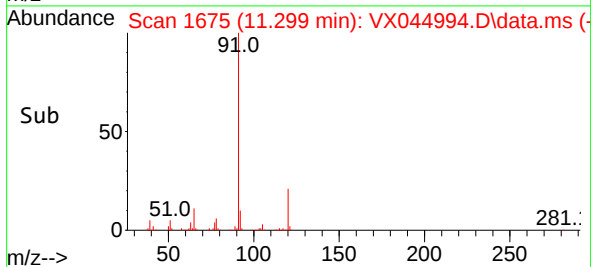
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#78
n-propylbenzene
Concen: 51.831 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40



Tgt Ion: 91 Resp: 379814
Ion Ratio Lower Upper
91 100
120 22.2 11.1 33.3





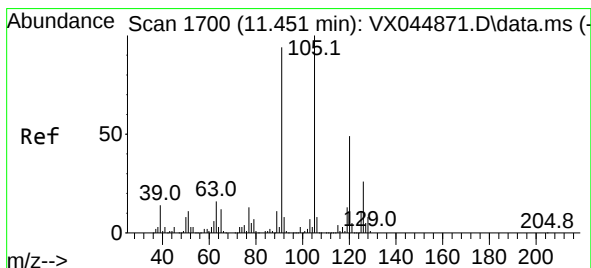
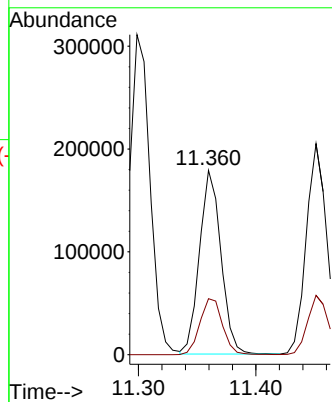
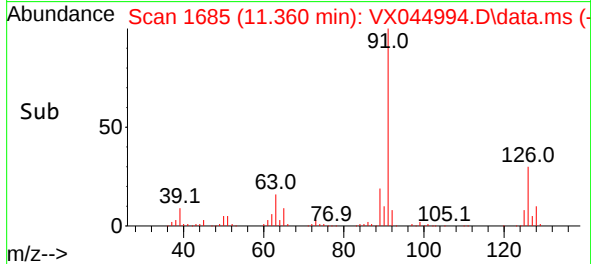
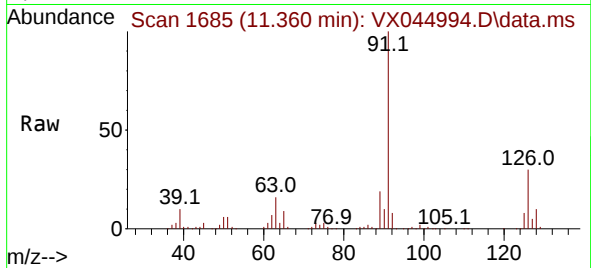
#79
2-Chlorotoluene
Concen: 50.387 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 226927
Ion Ratio Lower Upper
91 100
126 32.2 16.2 48.6

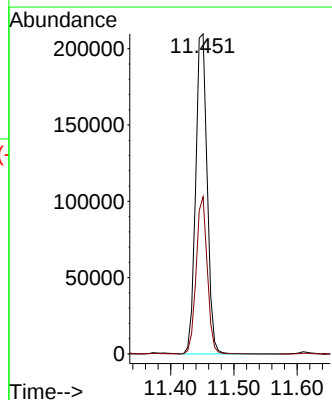
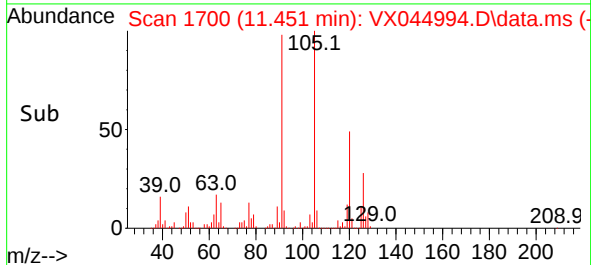
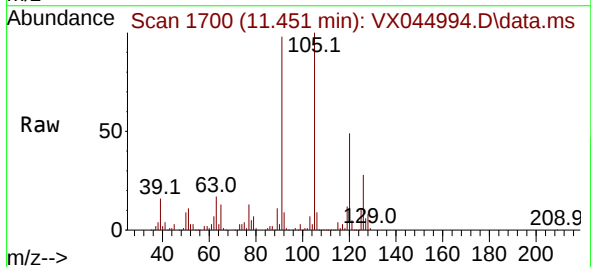
Manual Integrations
APPROVED

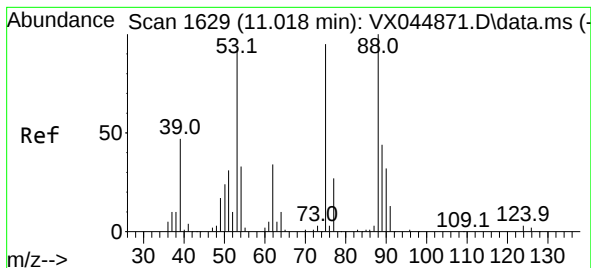
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.604 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

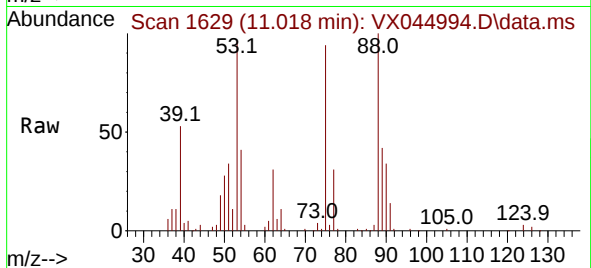
Tgt Ion:105 Resp: 265862
Ion Ratio Lower Upper
105 100
120 47.5 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 45.210 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

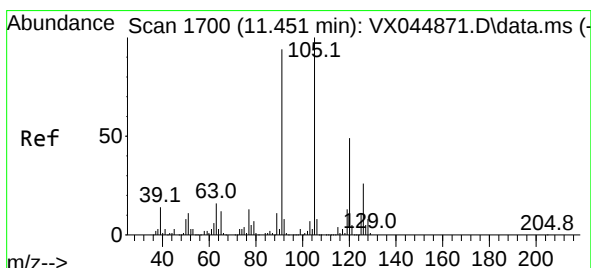
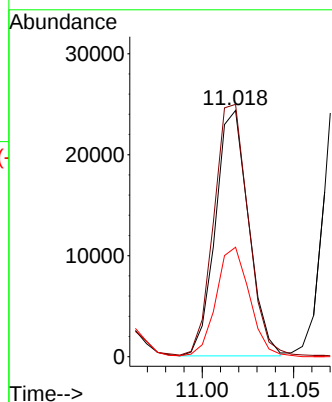
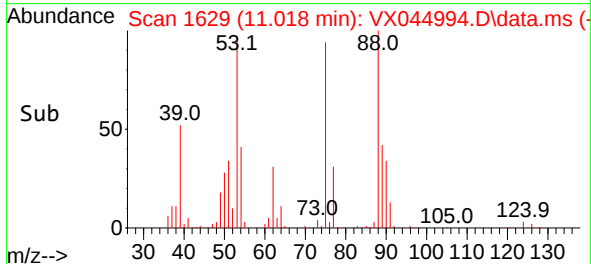
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 30724
Ion Ratio Lower Upper
75 100
53 107.9 78.0 117.0
89 45.0 36.6 54.8

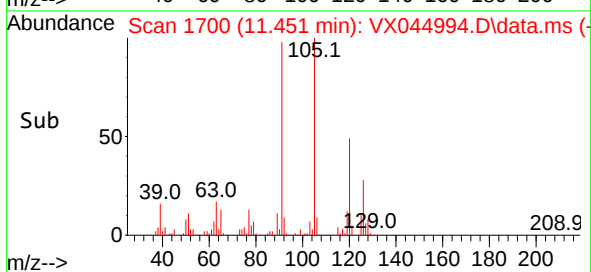
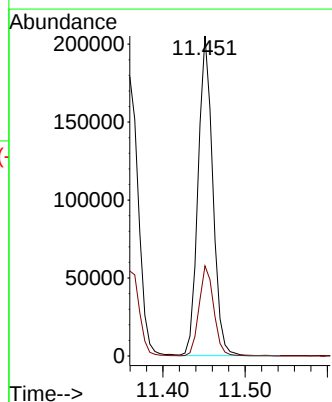
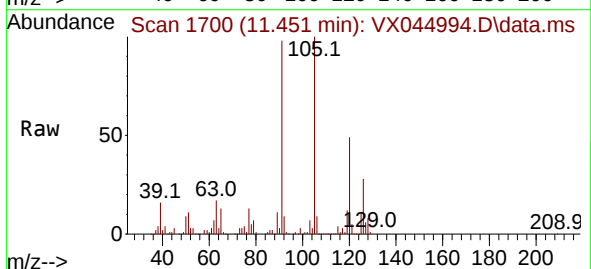
Manual Integrations
APPROVED

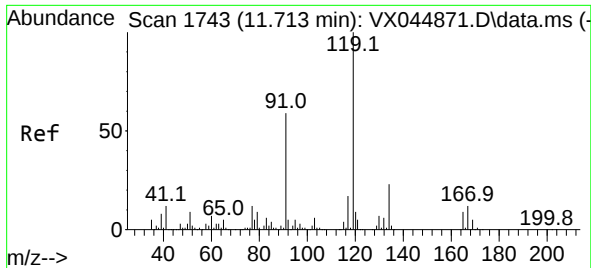
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#82
4-Chlorotoluene
Concen: 50.963 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

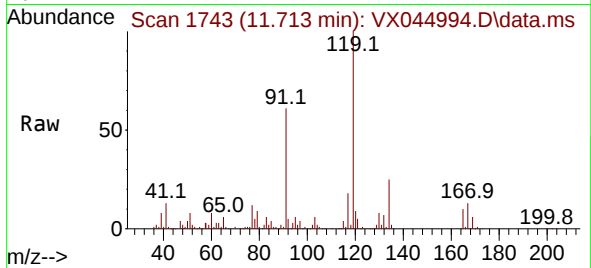
Tgt Ion: 91 Resp: 253928
Ion Ratio Lower Upper
91 100
126 28.3 14.2 42.6





#83
 tert-Butylbenzene
 Concen: 51.277 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX044994.D
 Acq: 18 Feb 2025 17:40

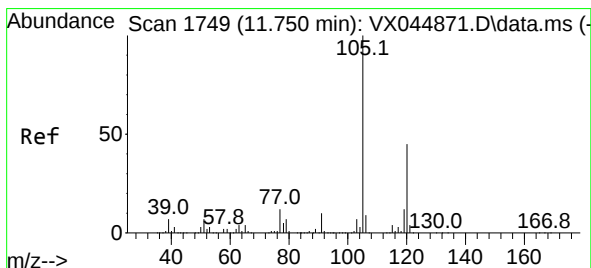
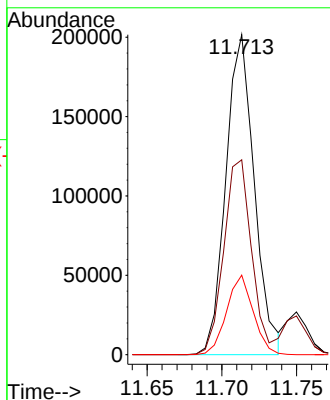
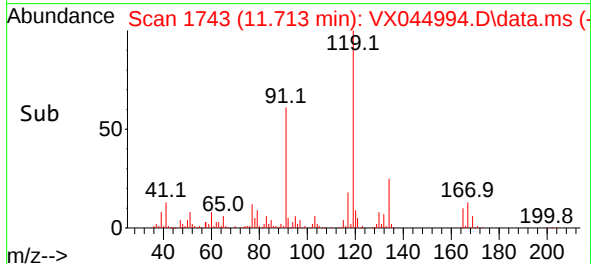
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



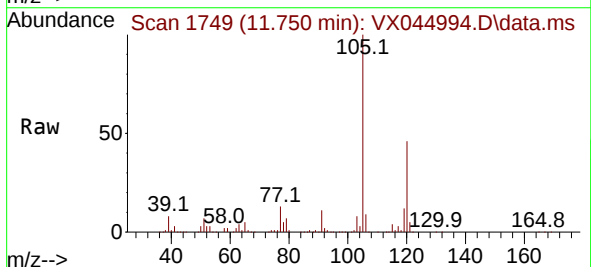
Tgt Ion:119 Resp: 267252
 Ion Ratio Lower Upper
 119 100
 91 58.9 29.1 87.4
 134 23.2 11.5 34.5

Manual Integrations
 APPROVED

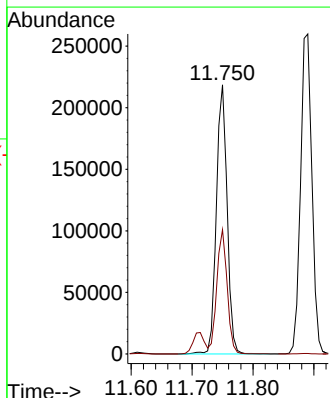
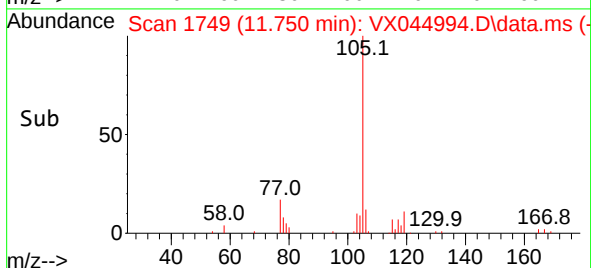
Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025

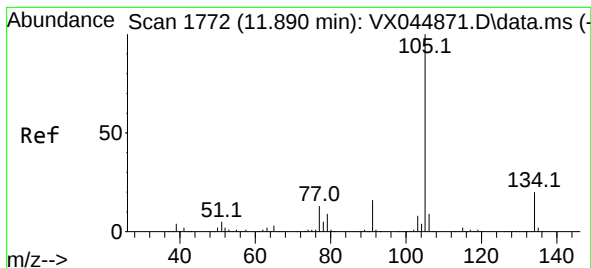


#84
 1,2,4-Trimethylbenzene
 Concen: 52.763 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX044994.D
 Acq: 18 Feb 2025 17:40



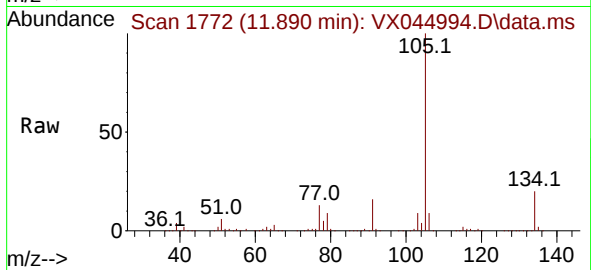
Tgt Ion:105 Resp: 268293
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.4 67.0





#85
sec-Butylbenzene
Concen: 52.050 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

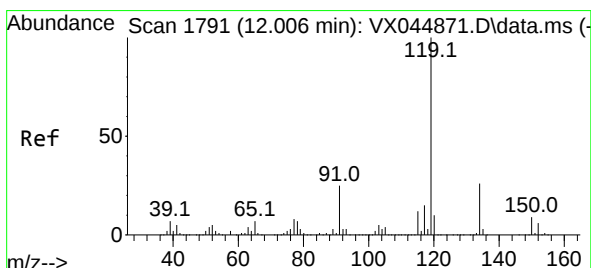
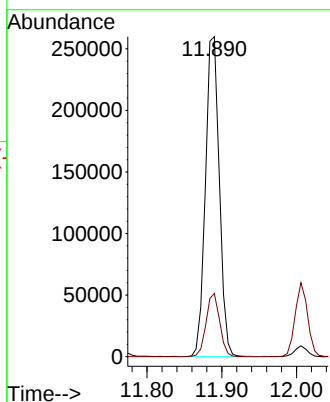
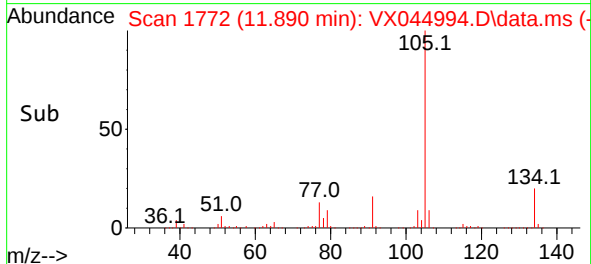
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



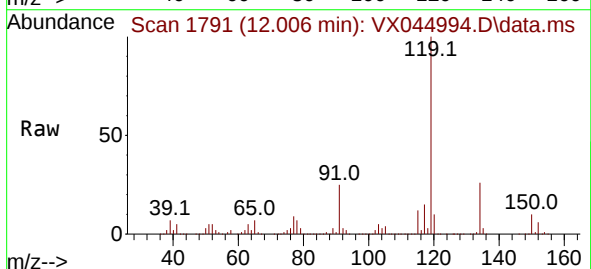
Tgt Ion:105 Resp: 33592
Ion Ratio Lower Upper
105 100
134 19.3 9.8 29.3

Manual Integrations
APPROVED

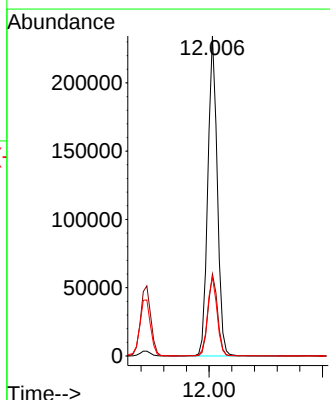
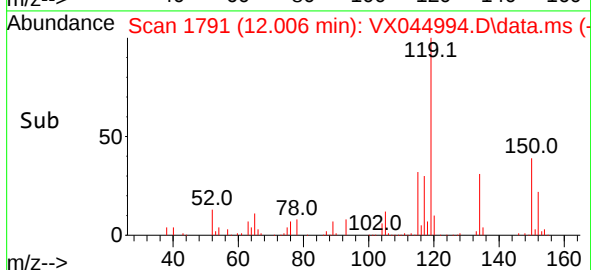
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

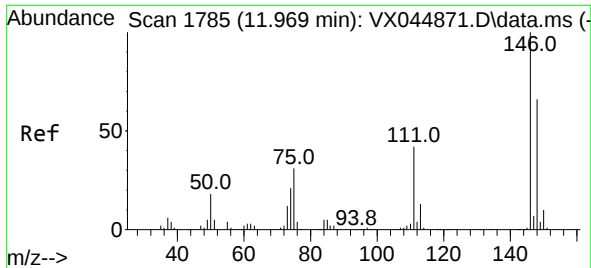


#86
p-Isopropyltoluene
Concen: 52.284 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40



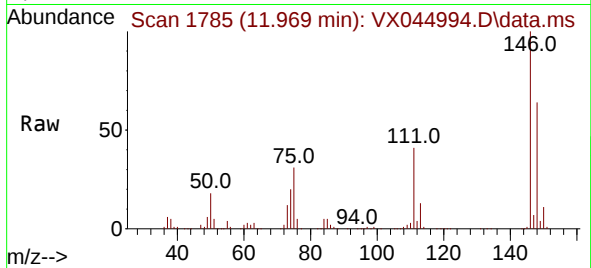
Tgt Ion:119 Resp: 271360
Ion Ratio Lower Upper
119 100
134 25.8 13.0 38.9
91 24.9 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 50.468 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

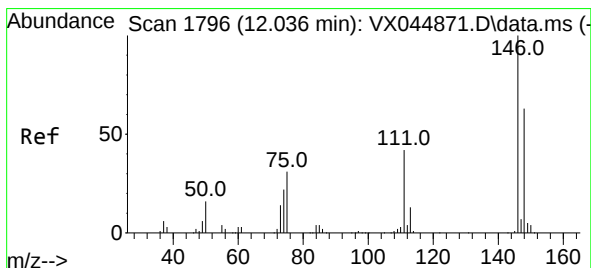
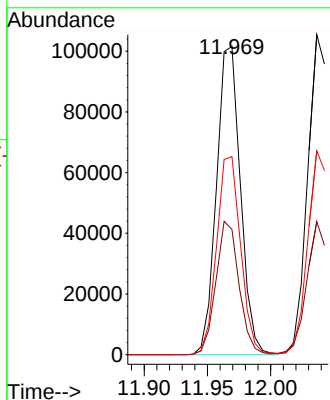
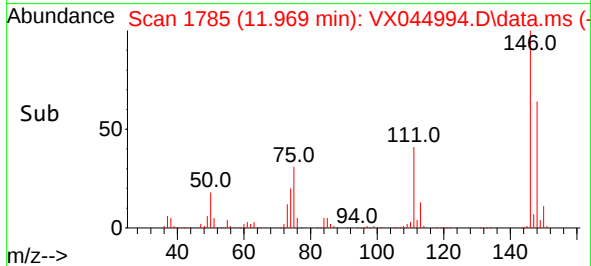
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



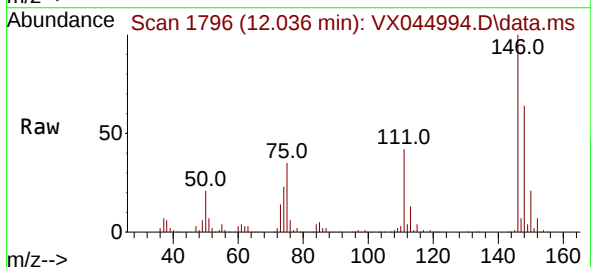
Tgt Ion:146 Resp: 133582
Ion Ratio Lower Upper
146 100
111 41.8 21.2 63.6
148 64.6 32.5 97.5

Manual Integrations
APPROVED

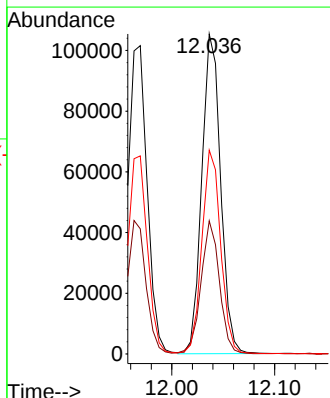
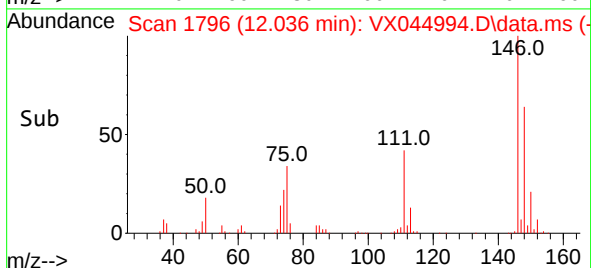
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#88
1,4-Dichlorobenzene
Concen: 50.062 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40



Tgt Ion:146 Resp: 133976
Ion Ratio Lower Upper
146 100
111 40.7 20.4 61.3
148 63.6 32.0 96.0





#89

n-Butylbenzene

Concen: 54.087 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX044994.D

Acq: 18 Feb 2025 17:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

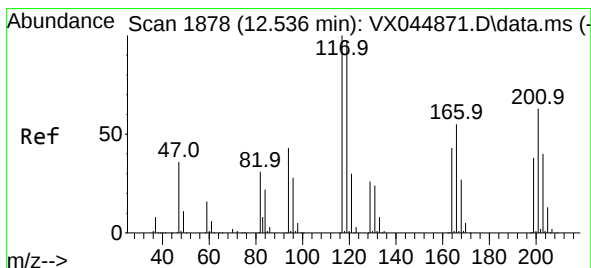
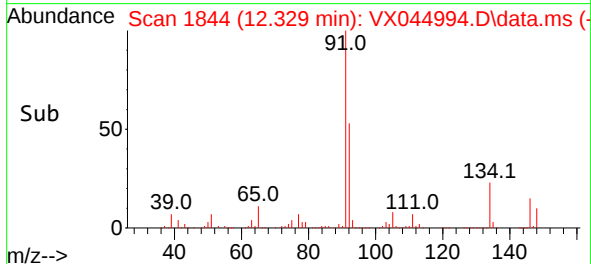
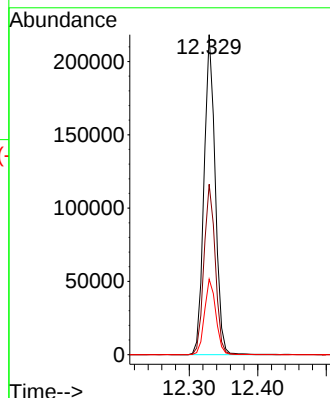
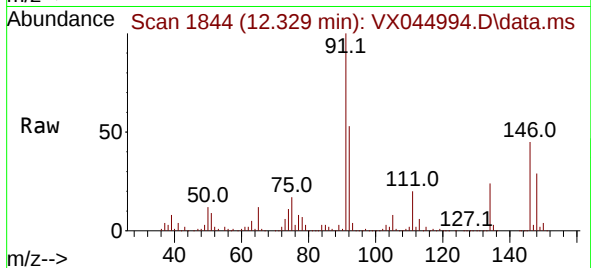
Tgt Ion: 91 Resp: 248345
 Ion Ratio Lower Upper
 91 100
 92 53.9 27.2 81.6
 134 24.0 12.1 36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#90

Hexachloroethane

Concen: 48.842 ug/l

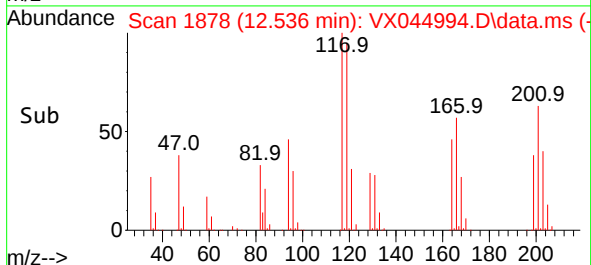
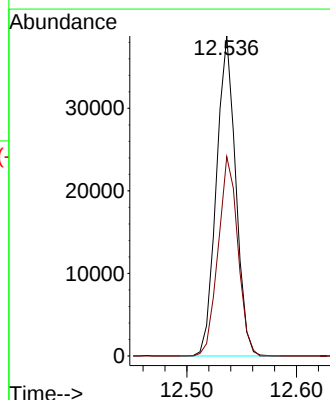
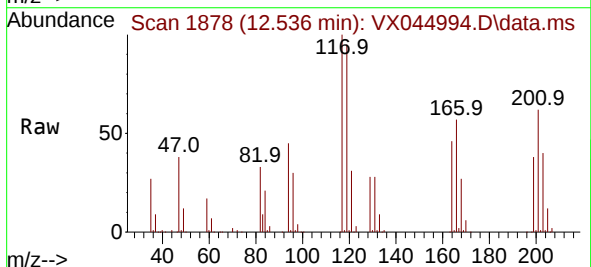
RT: 12.536 min Scan# 1878

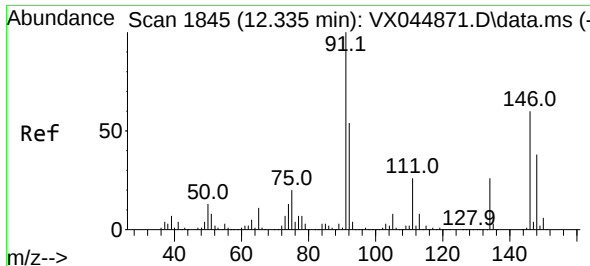
Delta R.T. 0.000 min

Lab File: VX044994.D

Acq: 18 Feb 2025 17:40

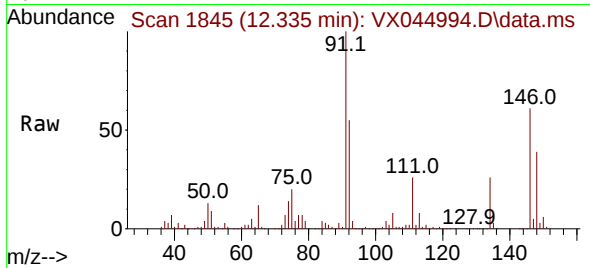
Tgt Ion:117 Resp: 47465
 Ion Ratio Lower Upper
 117 100
 201 63.5 32.5 97.5





#91
1,2-Dichlorobenzene
Concen: 51.064 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

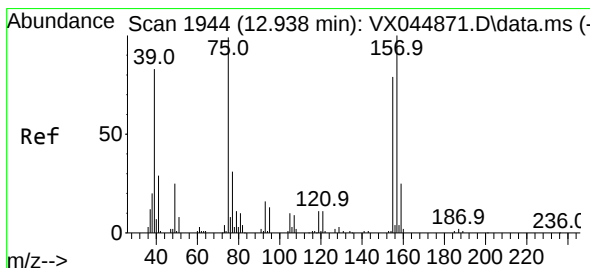
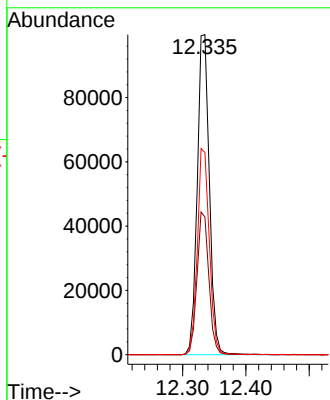
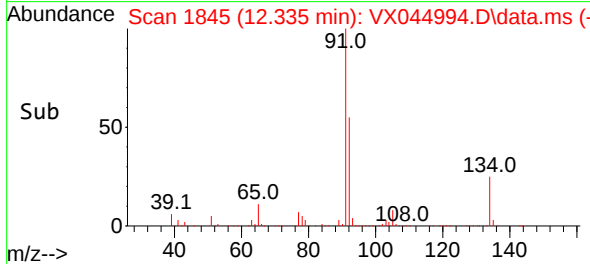
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



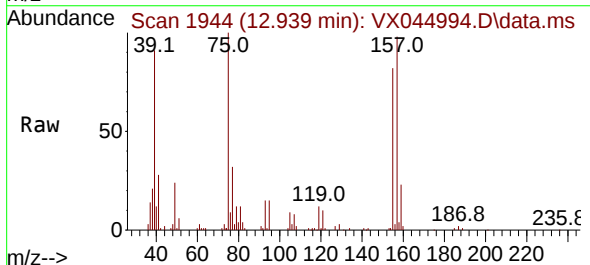
Tgt Ion:146 Resp: 132838
Ion Ratio Lower Upper
146 100
111 43.6 21.8 65.4
148 63.6 31.9 95.9

Manual Integrations
APPROVED

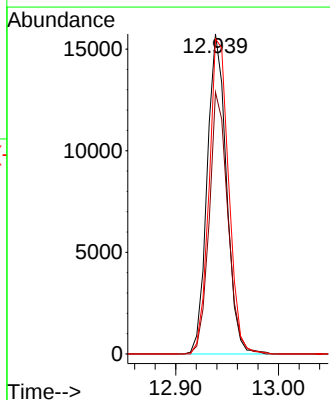
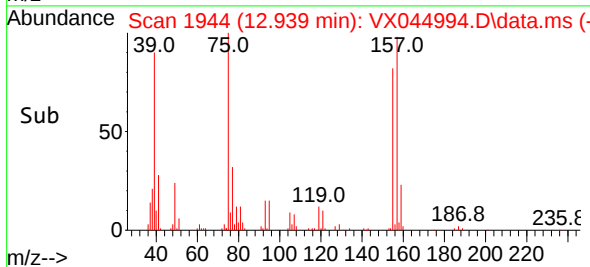
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.474 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40



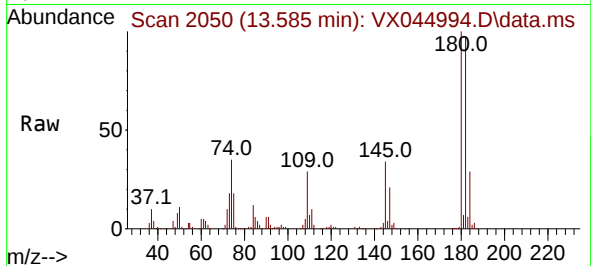
Tgt Ion: 75 Resp: 20495
Ion Ratio Lower Upper
75 100
155 78.9 40.5 121.4
157 100.2 51.4 154.3





#93
1,2,4-Trichlorobenzene
Concen: 51.439 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

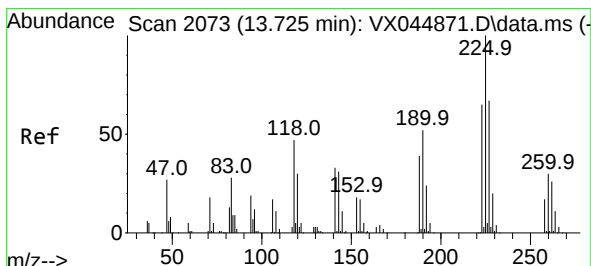
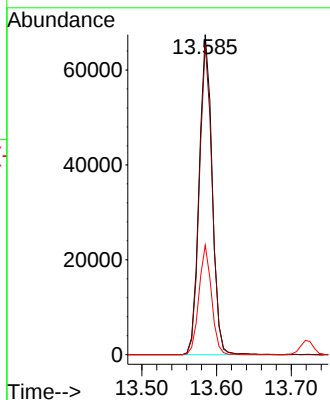
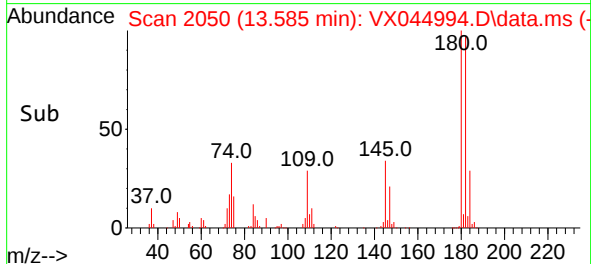
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 8097
Ion Ratio Lower Upper
180 100
182 95.9 47.6 142.8
145 33.1 16.4 49.1

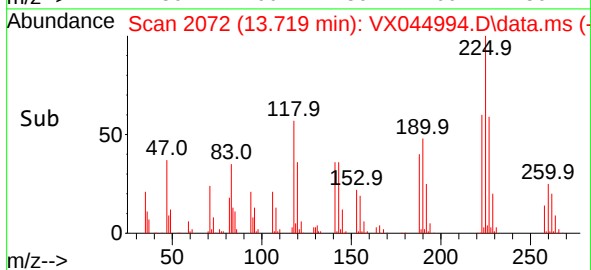
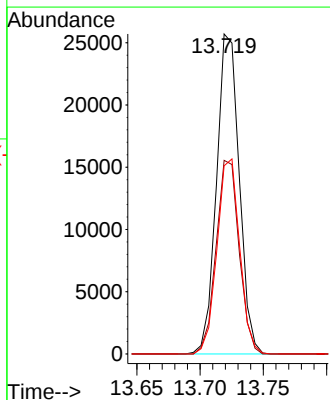
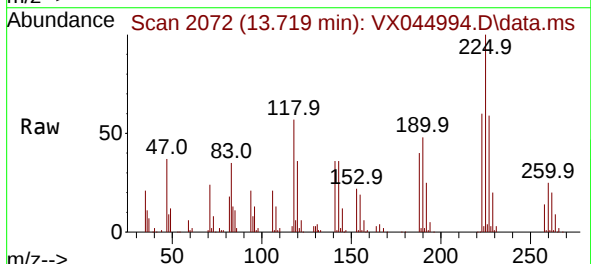
Manual Integrations
APPROVED

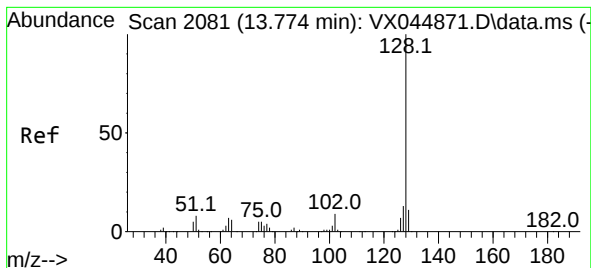
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#94
Hexachlorobutadiene
Concen: 51.245 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

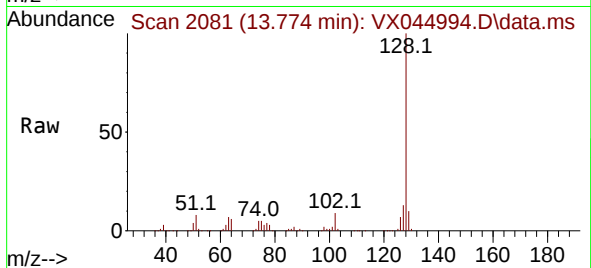
Tgt Ion:225 Resp: 32023
Ion Ratio Lower Upper
225 100
223 61.2 31.4 94.2
227 60.7 32.3 96.8





#95
Naphthalene
Concen: 52.558 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40

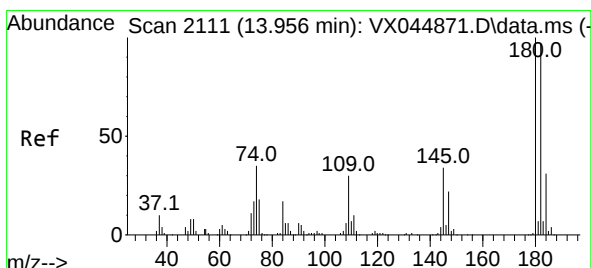
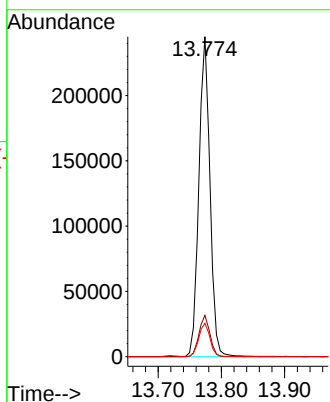
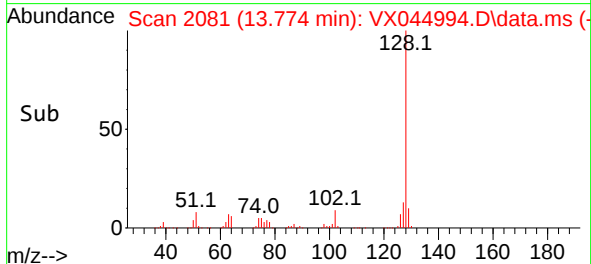
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



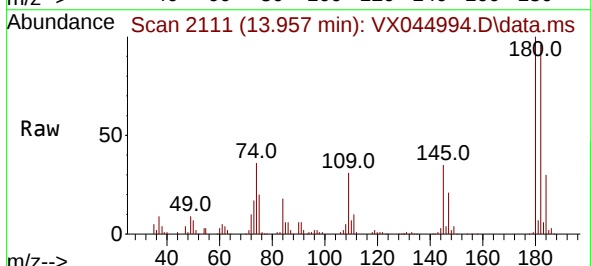
Tgt Ion:128 Resp: 299060
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.6 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 52.452 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044994.D
Acq: 18 Feb 2025 17:40



Tgt Ion:180 Resp: 83196
Ion Ratio Lower Upper
180 100
182 94.7 47.9 143.6
145 34.0 17.1 51.3

