

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020325\
 Data File : VX044802.D
 Acq On : 03 Feb 2025 09:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/04/2025
 Supervised By : Mahesh Dadoda 02/04/2025

Quant Time: Feb 04 02:00:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	162430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	297715	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	252415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	101849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	117965	48.114	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.220%		
35) Dibromofluoromethane	5.379	113	99232	52.467	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.940%		
50) Toluene-d8	8.641	98	371824	56.382	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	112.760%		
62) 4-Bromofluorobenzene	11.079	95	130114	52.925	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	105.860%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	104350	47.741	ug/l	100
3) Chloromethane	1.301	50	122617	51.877	ug/l	100
4) Vinyl Chloride	1.374	62	124437	53.283	ug/l	97
5) Bromomethane	1.593	94	32108	57.578	ug/l	100
6) Chloroethane	1.660	64	22426m	52.365	ug/l	
7) Trichlorofluoromethane	1.868	101	155099	60.090	ug/l	99
8) Diethyl Ether	2.130	74	51512	49.453	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.319	101	103805	53.500	ug/l	98
10) Methyl Iodide	2.441	142	132750	50.112	ug/l	97
11) Tert butyl alcohol	2.977	59	111502m	204.000	ug/l	
12) 1,1-Dichloroethene	2.307	96	103312	54.321	ug/l	98
13) Acrolein	2.233	56	55610	216.204	ug/l	98
14) Allyl chloride	2.654	41	182859	49.381	ug/l	97
15) Acrylonitrile	3.062	53	284374	265.265	ug/l	99
16) Acetone	2.380	43	235232	242.503	ug/l	97
17) Carbon Disulfide	2.502	76	274133	52.823	ug/l	99
18) Methyl Acetate	2.697	43	160361	53.585	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	337910	49.052	ug/l	97
20) Methylene Chloride	2.782	84	113693	50.330	ug/l	95
21) trans-1,2-Dichloroethene	3.081	96	100823	50.775	ug/l	99
22) Diisopropyl ether	3.751	45	353913	54.981	ug/l	97
23) Vinyl Acetate	3.715	43	1458707	258.911	ug/l	100
24) 1,1-Dichloroethane	3.599	63	198603	52.029	ug/l	100
25) 2-Butanone	4.550	43	373119	258.709	ug/l	98
26) 2,2-Dichloropropane	4.465	77	168163	45.456	ug/l	96
27) cis-1,2-Dichloroethene	4.477	96	125972	50.436	ug/l	97
28) Bromochloromethane	4.885	49	90867	50.943	ug/l	94
29) Tetrahydrofuran	4.995	42	240754	258.796	ug/l	96
30) Chloroform	5.080	83	188807	49.012	ug/l	99
31) Cyclohexane	5.458	56	177264	57.418	ug/l	93
32) 1,1,1-Trichloroethane	5.367	97	160997	45.461	ug/l	99
36) 1,1-Dichloropropene	5.678	75	133384	50.662	ug/l	99
37) Ethyl Acetate	4.702	43	146622	52.295	ug/l	96
38) Carbon Tetrachloride	5.666	117	135277	45.680	ug/l	97
39) Methylcyclohexane	7.373	83	187791	53.731	ug/l	99
40) Benzene	6.025	78	428598	52.535	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	82519	50.508	ug/l	99
42) 1,2-Dichloroethane	6.074	62	135051	45.355	ug/l	100
43) Isopropyl Acetate	6.330	43	253694	49.187	ug/l	99
44) Trichloroethene	7.117	130	100231	51.104	ug/l	95
45) 1,2-Dichloropropane	7.421	63	109264	53.206	ug/l	97
46) Dibromomethane	7.574	93	73965	47.313	ug/l	99
47) Bromodichloromethane	7.812	83	149483	46.626	ug/l	99
48) Methyl methacrylate	7.684	41	119095	49.744	ug/l	98
49) 1,4-Dioxane	7.659	88	45154	903.978	ug/l	100
51) 4-Methyl-2-Pentanone	8.568	43	734014	257.519	ug/l	99
52) Toluene	8.714	92	261673	52.403	ug/l	99
53) t-1,3-Dichloropropene	8.970	75	159515	48.158	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	175713	48.923	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	100638	49.814	ug/l	97
56) Ethyl methacrylate	9.110	69	170918	49.203	ug/l	99
57) 1,3-Dichloropropane	9.305	76	172698	50.198	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	427737	250.814	ug/l	97
59) 2-Hexanone	9.427	43	531025	253.231	ug/l	100
60) Dibromochloromethane	9.513	129	111967	47.219	ug/l	99
61) 1,2-Dibromoethane	9.604	107	102485	48.405	ug/l	99
64) Tetrachloroethene	9.269	164	78776	49.701	ug/l	98
65) Chlorobenzene	10.073	112	277930	51.839	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	93479	47.975	ug/l	99
67) Ethyl Benzene	10.189	91	496981	53.125	ug/l	100
68) m/p-Xylenes	10.299	106	371687	107.068	ug/l	97
69) o-Xylene	10.640	106	181303	51.643	ug/l	99
70) Styrene	10.653	104	302980	53.453	ug/l	97
71) Bromoform	10.799	173	73161	46.133	ug/l #	100
73) Isopropylbenzene	10.957	105	462864	55.630	ug/l	100
74) N-amyl acetate	10.842	43	214304	52.255	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	151416	52.692	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	126793m	51.297	ug/l	
77) Bromobenzene	11.195	156	103391	53.164	ug/l	98
78) n-propylbenzene	11.299	91	543610	59.244	ug/l	99
79) 2-Chlorotoluene	11.360	91	318475	53.730	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	388082	57.296	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.012	75	54681	50.591	ug/l	97
82) 4-Chlorotoluene	11.451	91	375241	57.791	ug/l	99
83) tert-Butylbenzene	11.713	119	355525	50.199	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	351562	51.077	ug/l	98
85) sec-Butylbenzene	11.890	105	430027	52.148	ug/l	100
86) p-Isopropyltoluene	12.006	119	364463	53.781	ug/l	98
87) 1,3-Dichlorobenzene	11.963	146	179777	53.304	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	176282	51.704	ug/l	100
89) n-Butylbenzene	12.329	91	341907	58.741	ug/l	99
90) Hexachloroethane	12.536	117	78195	50.955	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	183157	52.880	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	29314	41.712	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	120382	58.139	ug/l	99
94) Hexachlorobutadiene	13.719	225	47155	57.977	ug/l	98
95) Naphthalene	13.774	128	435692	54.557	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	119840	55.837	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

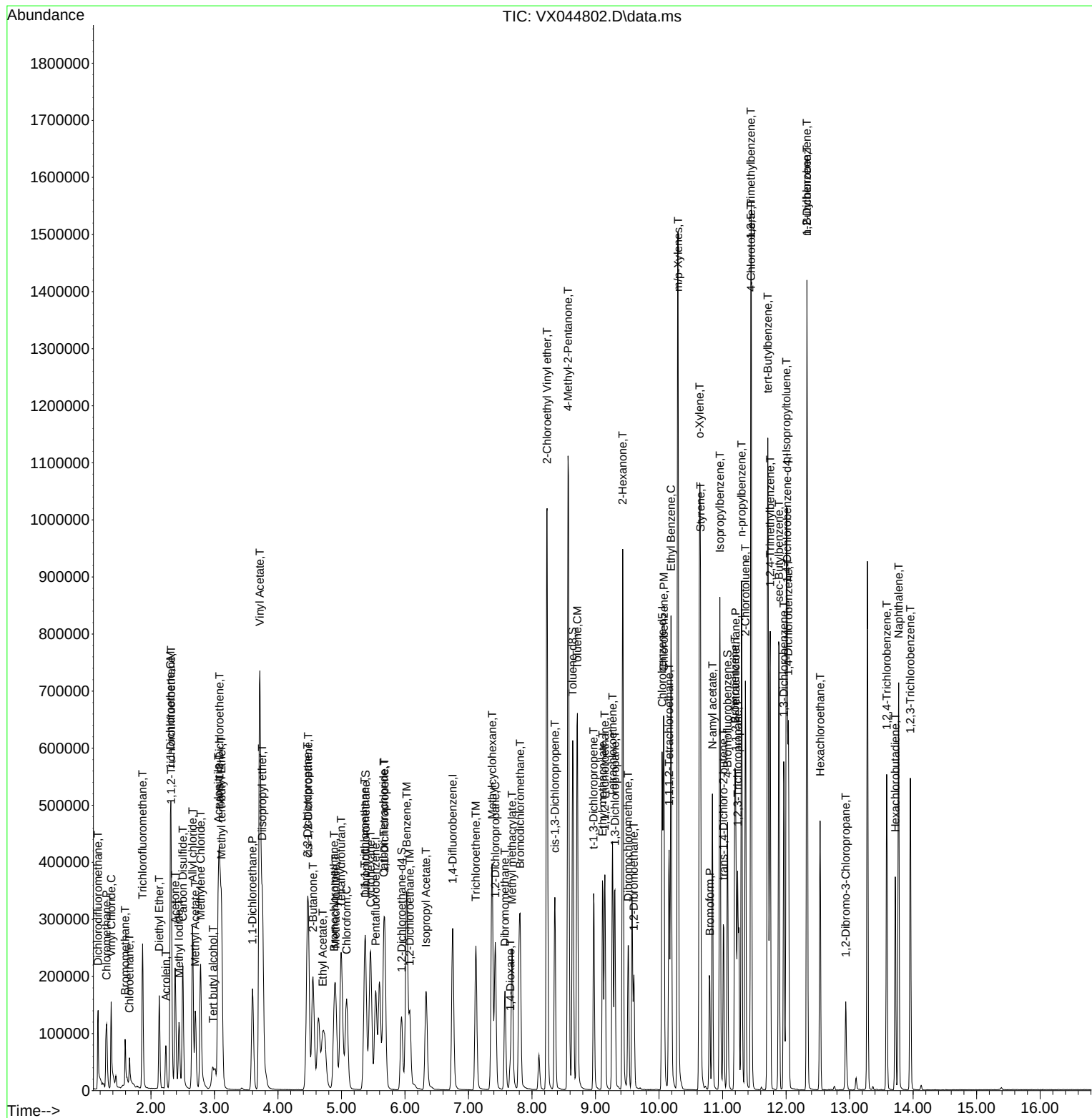
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020325\
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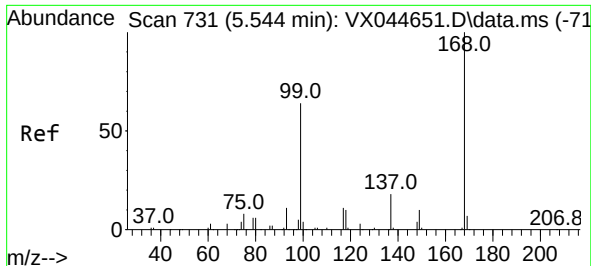
Instrument :
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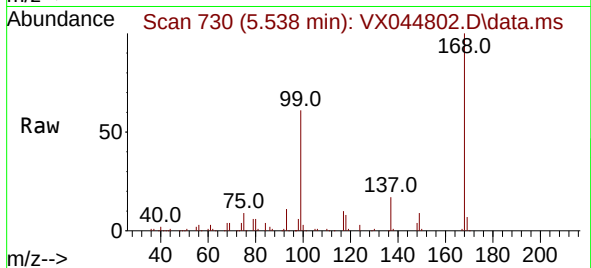
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044802.D
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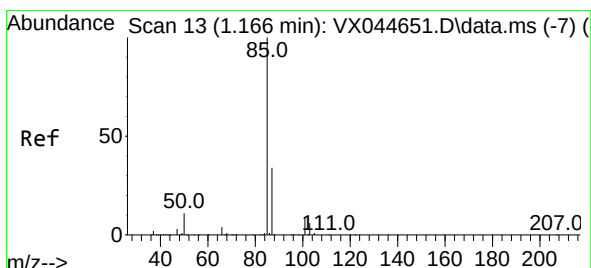
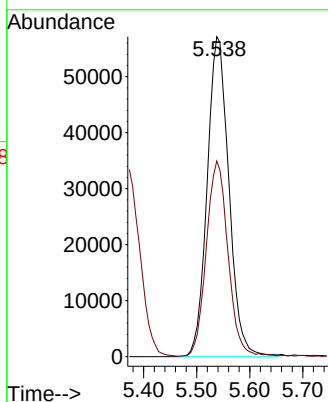
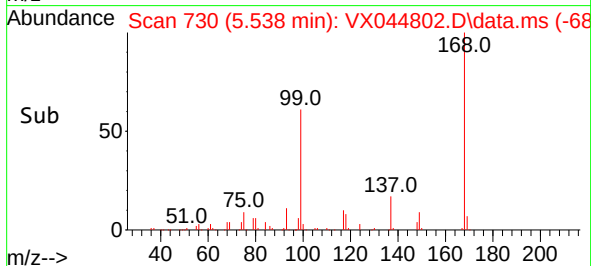
Instrument :
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VSTDCCC050



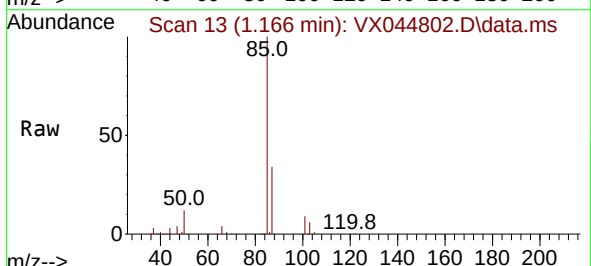
Tgt Ion:168 Resp: 162430
Ion Ratio Lower Upper
168 100
99 61.0 51.1 76.7

Manual Integrations
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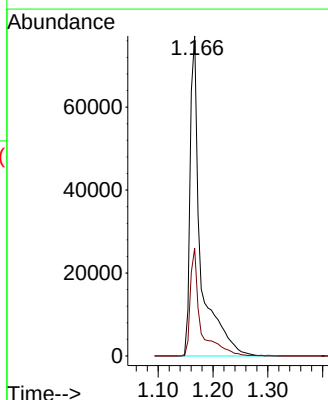
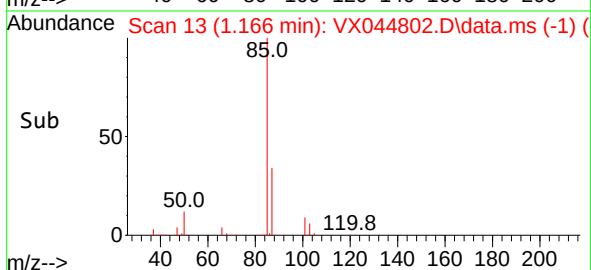
Reviewed By :John Carlone 02/04/2025
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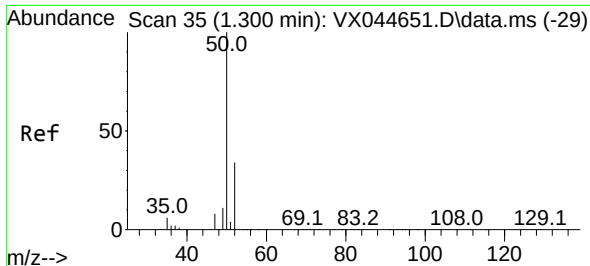


#2
Dichlorodifluoromethane
Concen: 47.741 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52



Tgt Ion: 85 Resp: 104350
Ion Ratio Lower Upper
85 100
87 33.7 16.8 50.4





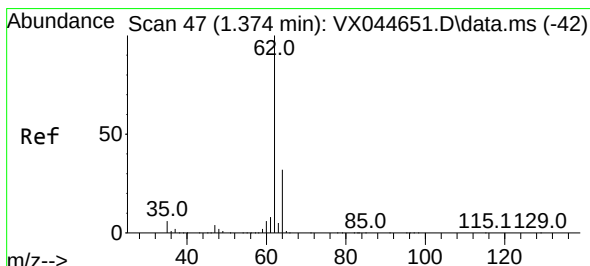
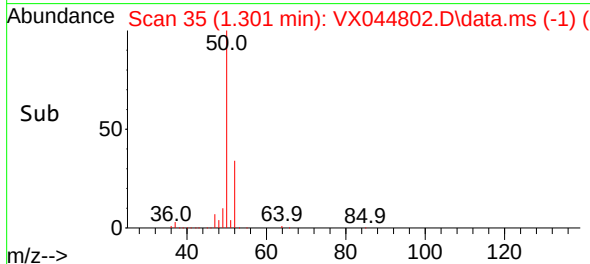
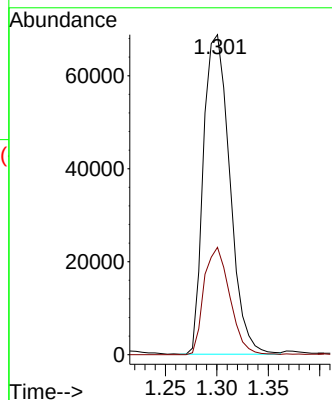
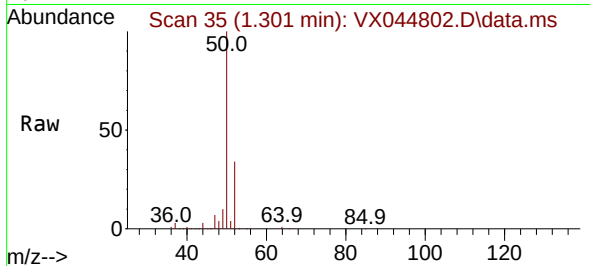
#3
Chloromethane
Concen: 51.877 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

Instrument :
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Tgt Ion: 50 Resp: 122617
Ion Ratio Lower Upper
50 100
52 33.6 27.0 40.4

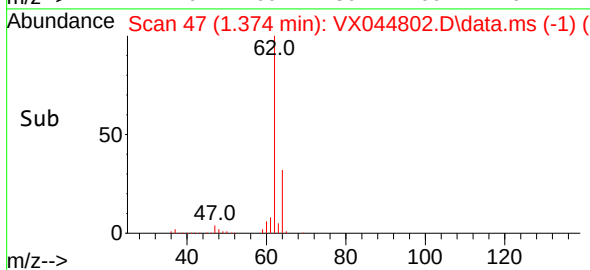
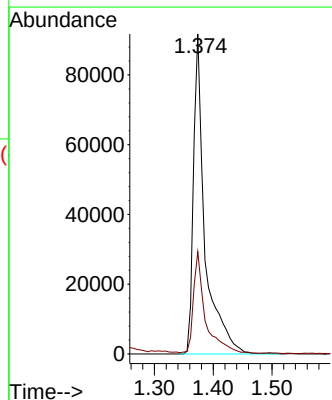
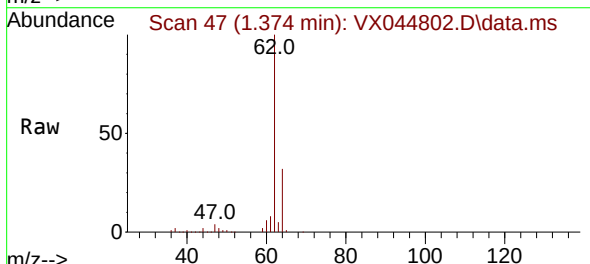
Manual Integrations
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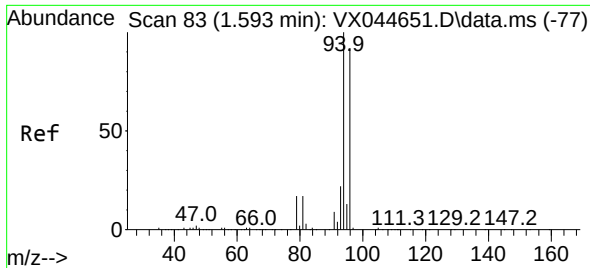
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#4
Vinyl Chloride
Concen: 53.283 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

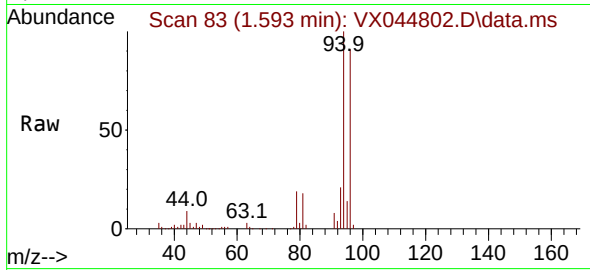
Tgt Ion: 62 Resp: 124437
Ion Ratio Lower Upper
62 100
64 31.7 26.6 39.8





#5
Bromomethane
Concen: 57.578 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

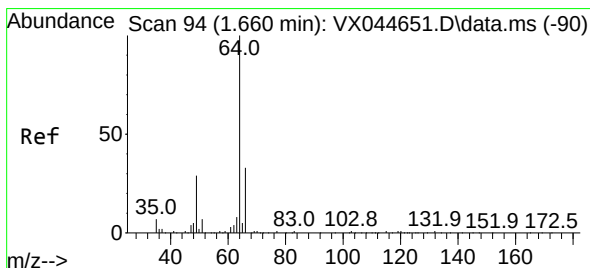
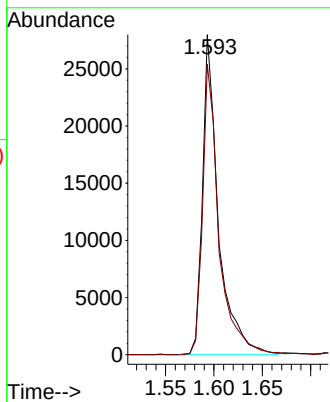
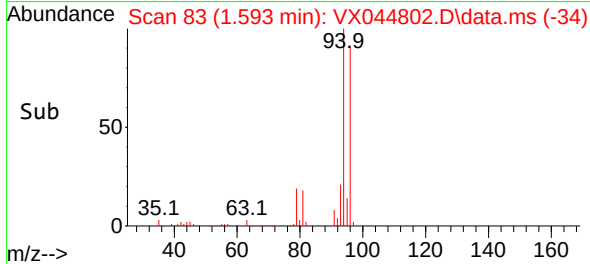
Instrument :
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Tgt Ion: 94 Resp: 32108
Ion Ratio Lower Upper
94 100
96 90.7 72.8 109.2

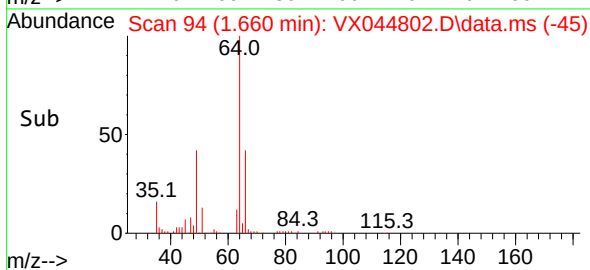
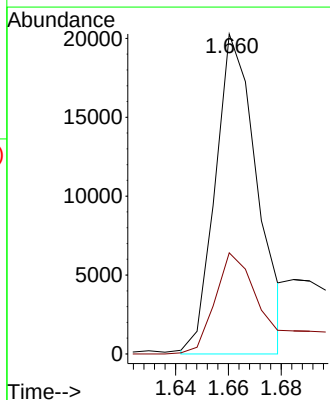
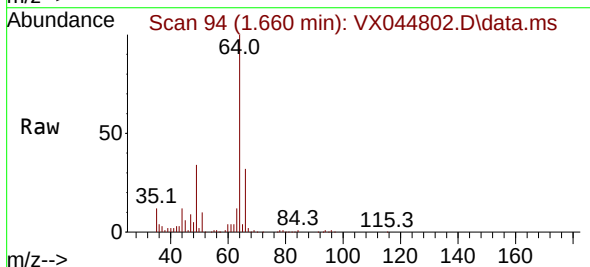
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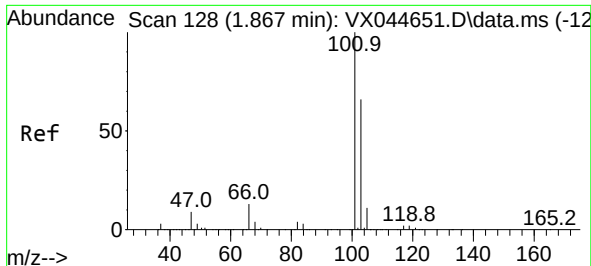
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#6
Chloroethane
Concen: 52.365 ug/l m
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

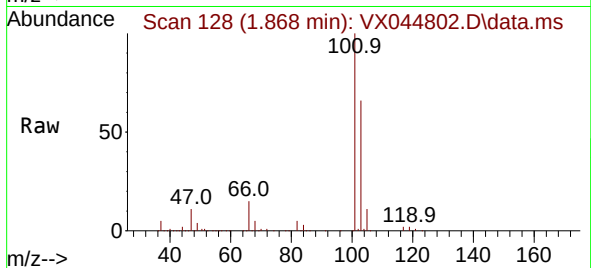
Tgt Ion: 64 Resp: 22426
Ion Ratio Lower Upper
64 100
66 31.6 26.6 39.8





#7
Trichlorofluoromethane
Concen: 60.090 ug/l
RT: 1.868 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

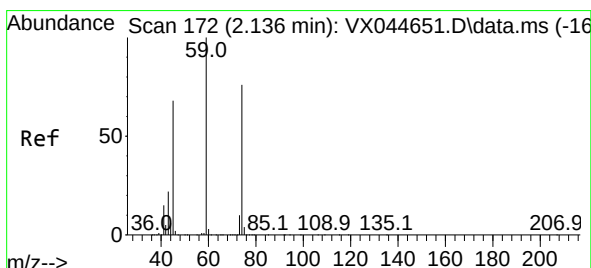
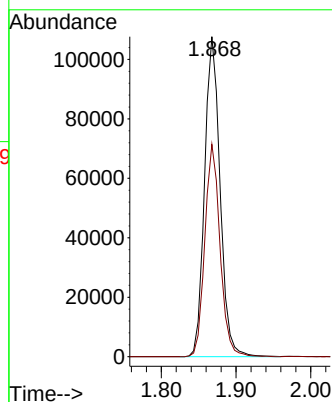
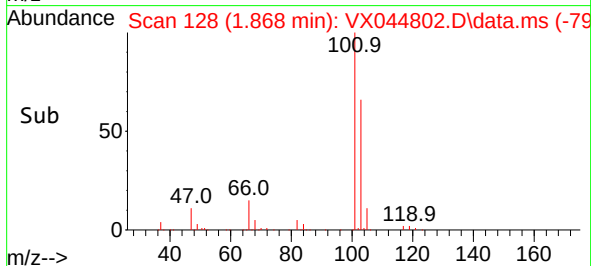
Instrument :
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Tgt Ion:101 Resp: 155099
Ion Ratio Lower Upper
101 100
103 66.3 52.5 78.7

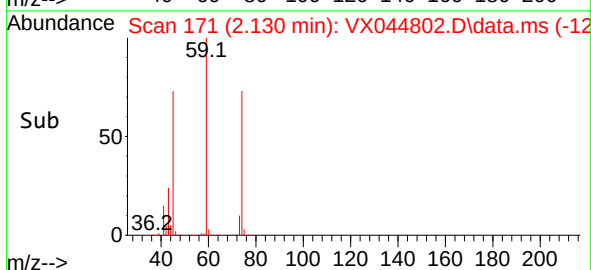
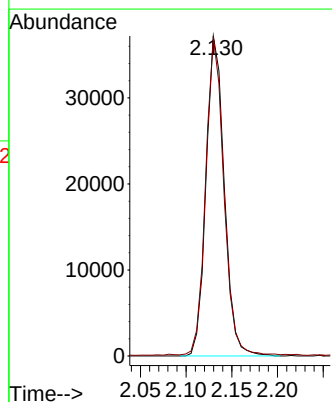
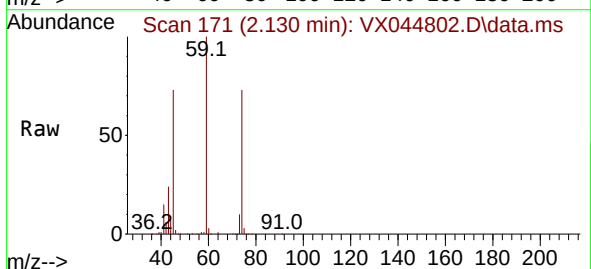
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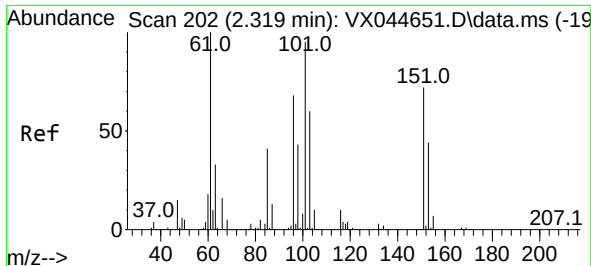
Reviewed By :John Carlone 02/04/2025
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#8
Diethyl Ether
Concen: 49.453 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX044802.D
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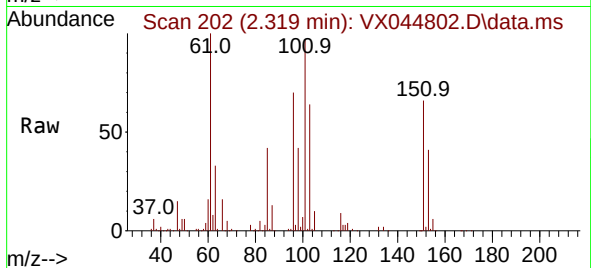
Tgt Ion: 74 Resp: 51512
Ion Ratio Lower Upper
74 100
45 99.5 47.1 141.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.500 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

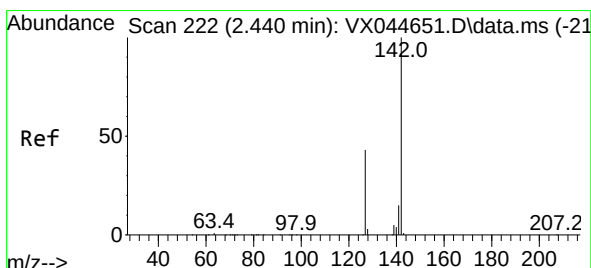
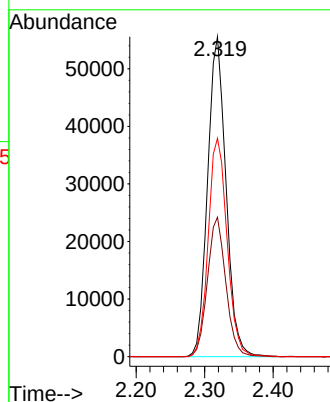
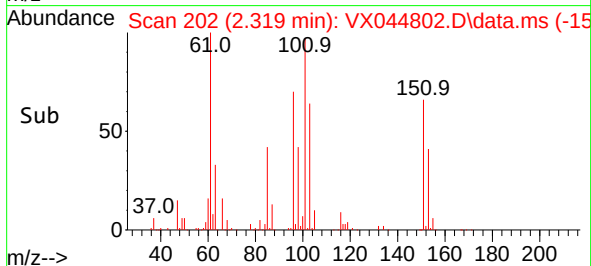
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 10380
Ion Ratio Lower Upper
101 100
85 43.7 35.3 52.9
151 70.1 58.2 87.4

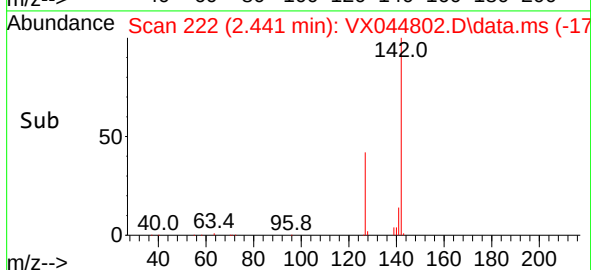
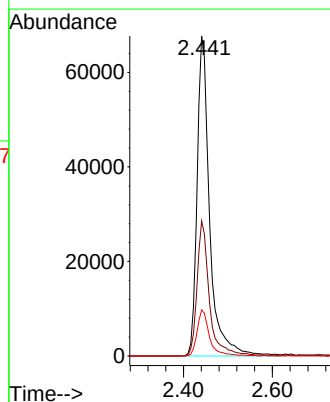
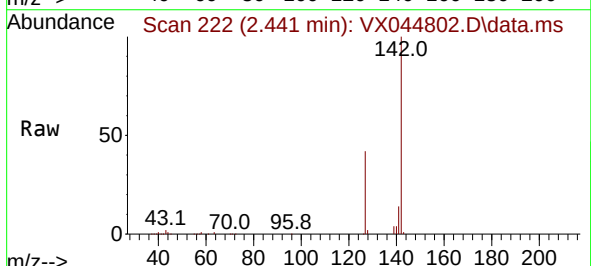
Manual Integrations
APPROVED

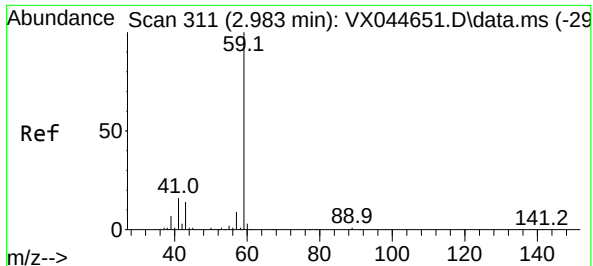
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#10
Methyl Iodide
Concen: 50.112 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

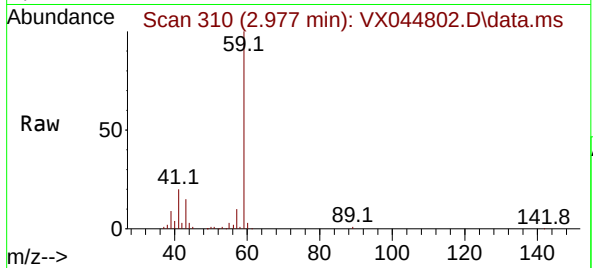
Tgt Ion:142 Resp: 132750
Ion Ratio Lower Upper
142 100
127 41.4 35.0 52.4
141 14.1 11.7 17.5





#11
Tert butyl alcohol
Concen: 204.000 ug/l m
RT: 2.977 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

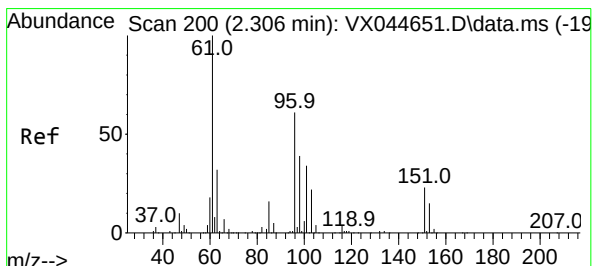
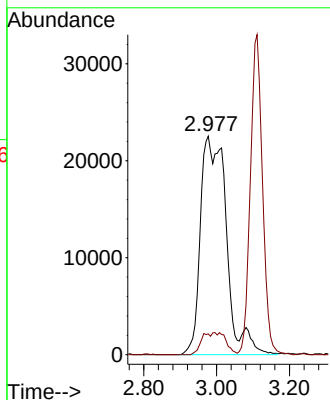
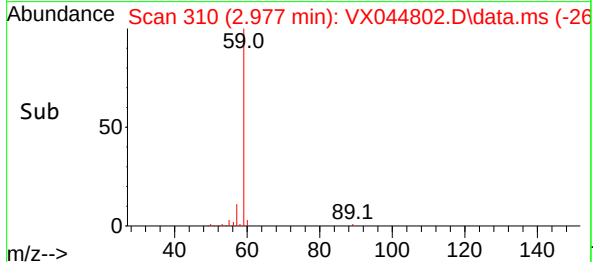
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



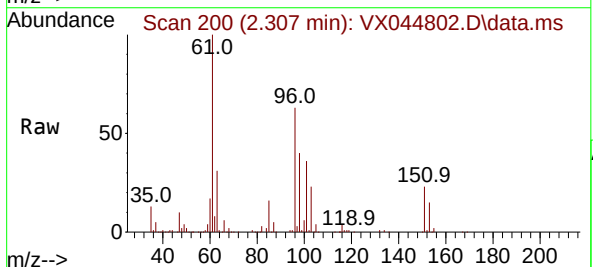
Tgt Ion: 59 Resp: 111502
Ion Ratio Lower Upper
59 100
57 3.9 3.9 5.9

Manual Integrations
APPROVED

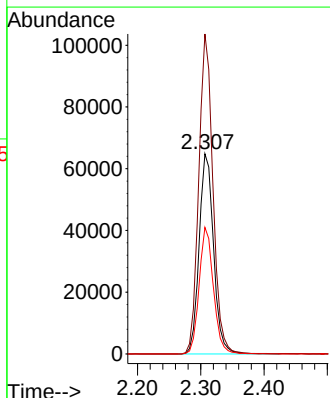
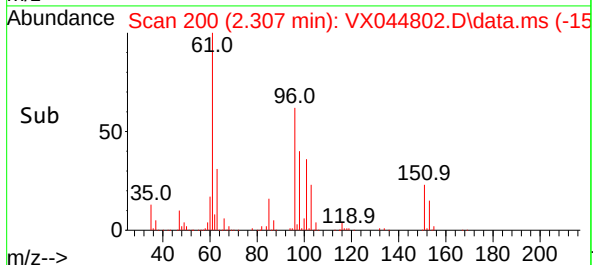
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

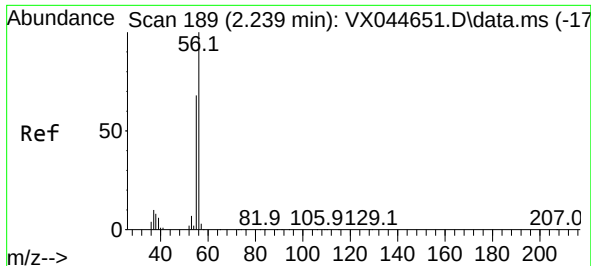


#12
1,1-Dichloroethene
Concen: 54.321 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52



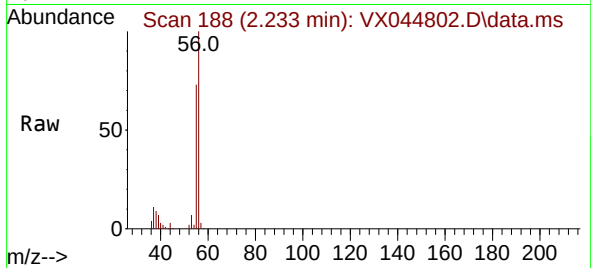
Tgt Ion: 96 Resp: 103312
Ion Ratio Lower Upper
96 100
61 159.8 131.1 196.7
98 63.2 51.2 76.8





#13
Acrolein
Concen: 216.204 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

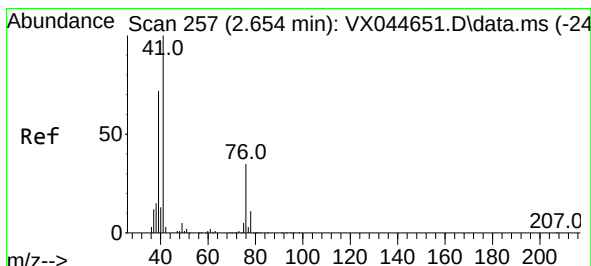
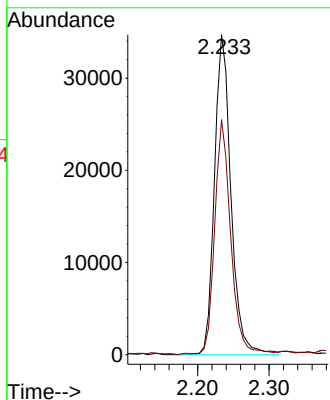
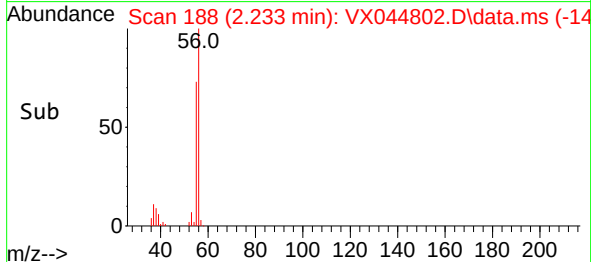
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 55610
Ion Ratio Lower Upper
56 100
55 70.3 55.1 82.7

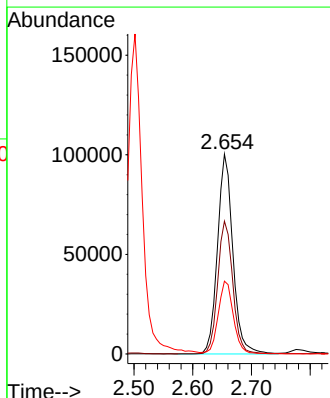
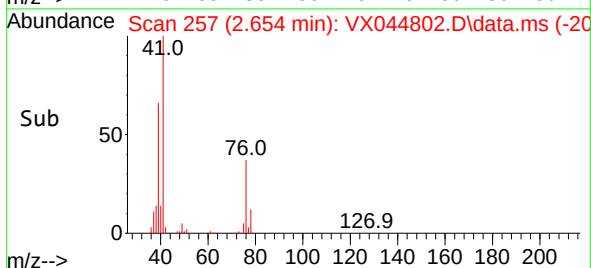
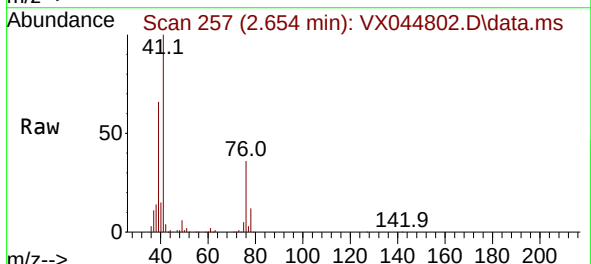
Manual Integrations
APPROVED

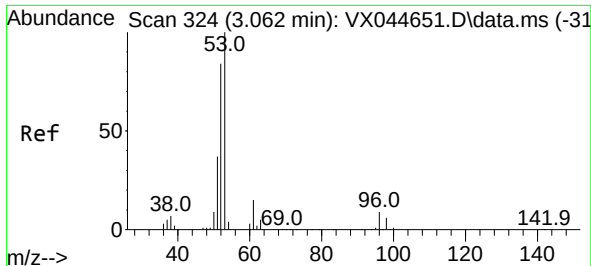
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#14
Allyl chloride
Concen: 49.381 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

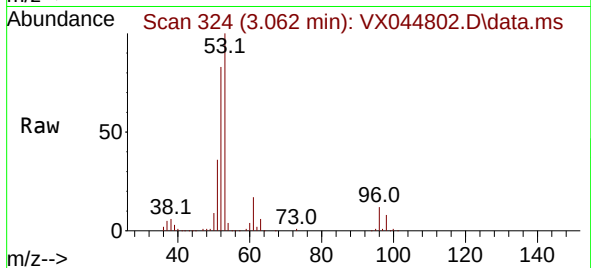
Tgt Ion: 41 Resp: 182859
Ion Ratio Lower Upper
41 100
39 64.6 54.9 82.3
76 35.8 28.4 42.6





#15
Acrylonitrile
Concen: 265.265 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

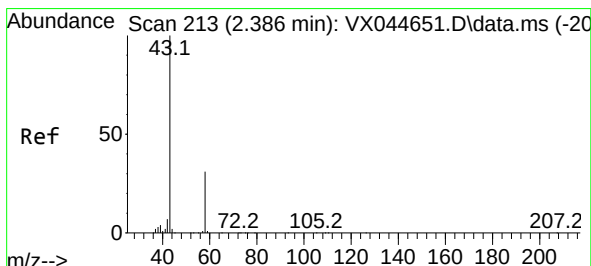
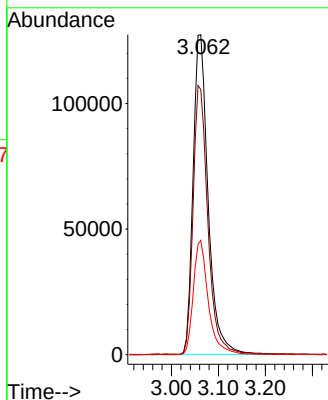
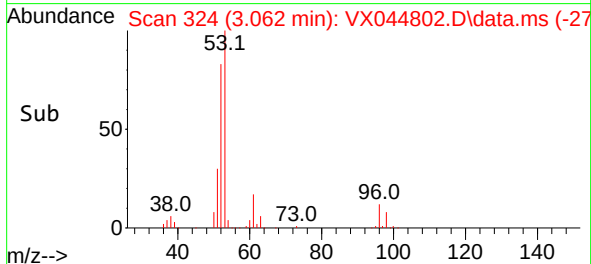
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



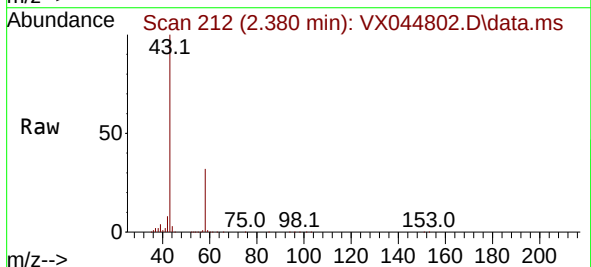
Tgt Ion: 53 Resp: 284374
Ion Ratio Lower Upper
53 100
52 82.9 66.0 99.0
51 35.6 28.9 43.3

Manual Integrations
APPROVED

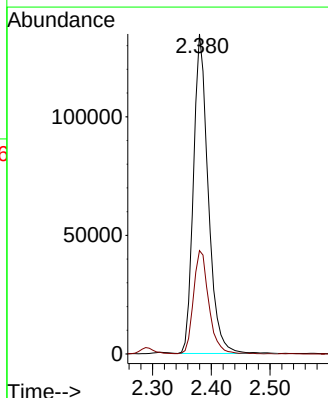
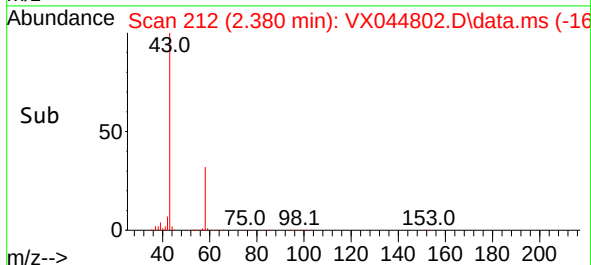
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

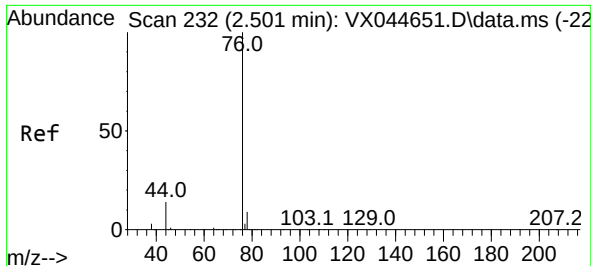


#16
Acetone
Concen: 242.503 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52



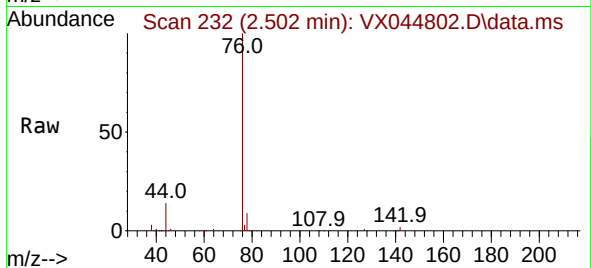
Tgt Ion: 43 Resp: 235232
Ion Ratio Lower Upper
43 100
58 32.3 24.6 37.0





#17
Carbon Disulfide
Concen: 52.823 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

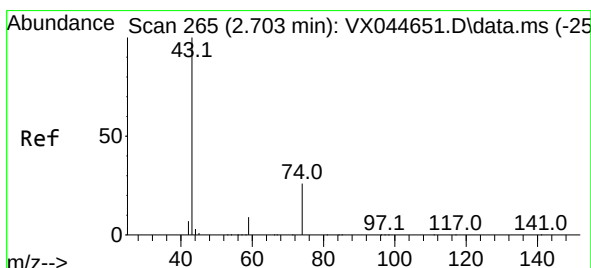
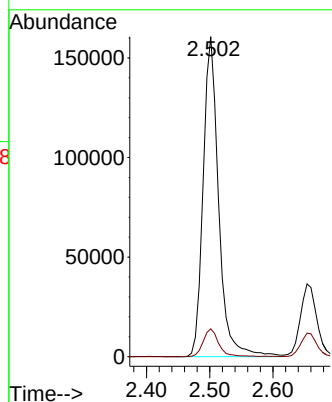
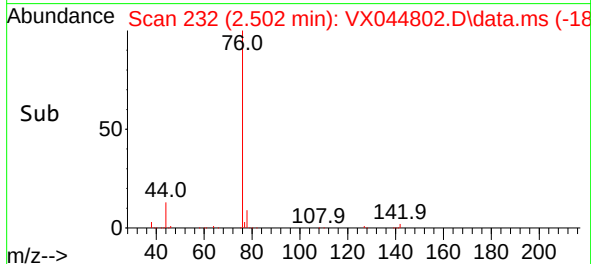
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 27413
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7

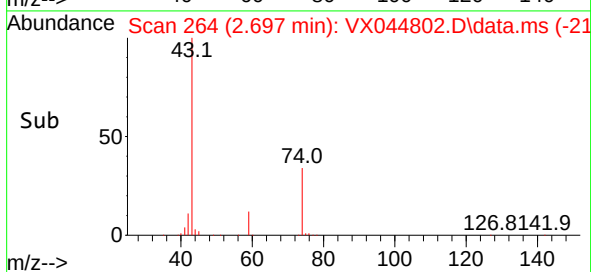
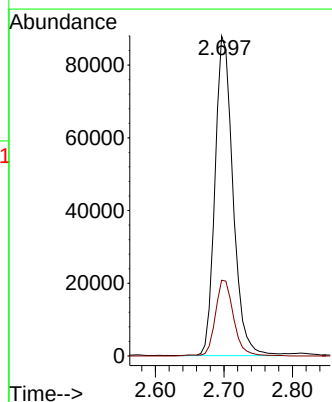
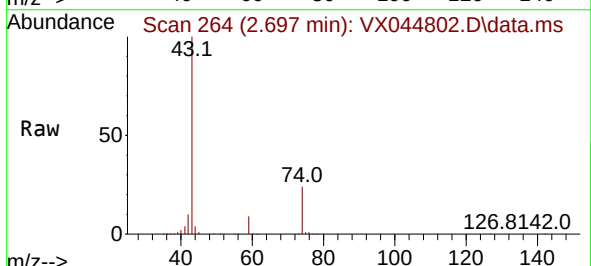
Manual Integrations
APPROVED

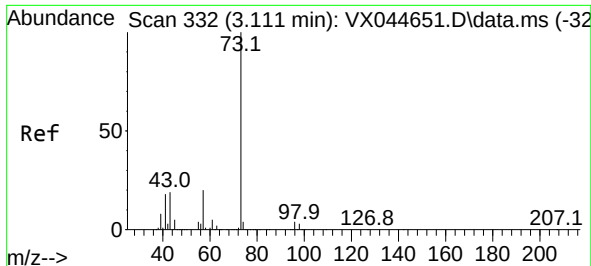
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#18
Methyl Acetate
Concen: 53.585 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

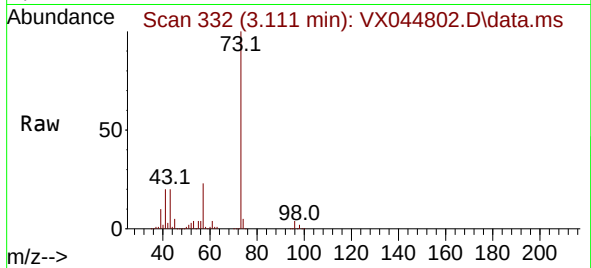
Tgt Ion: 43 Resp: 160361
Ion Ratio Lower Upper
43 100
74 24.1 19.8 29.8





#19
Methyl tert-butyl Ether
Concen: 49.052 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

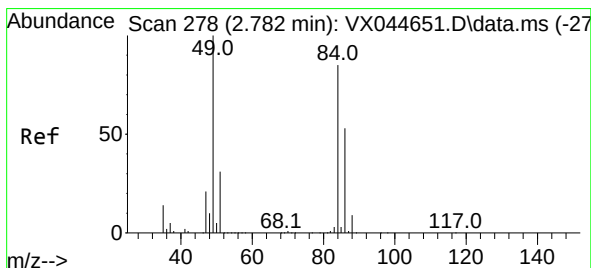
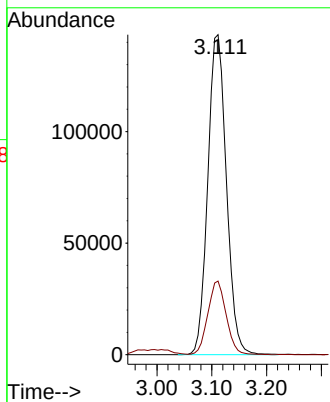
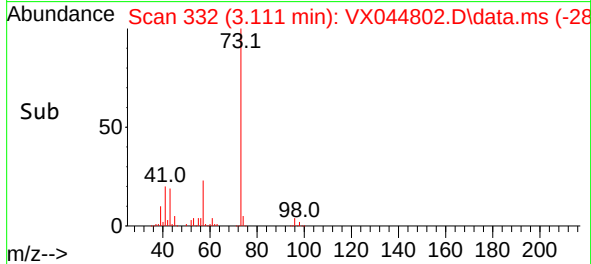
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 337910
Ion Ratio Lower Upper
73 100
57 23.0 17.4 26.0

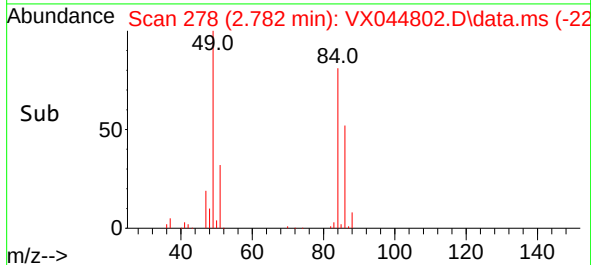
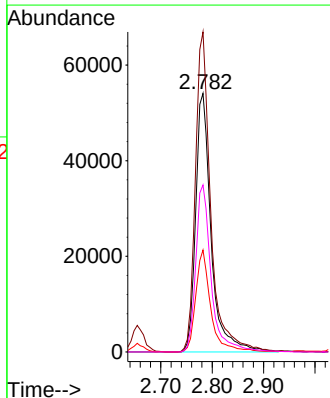
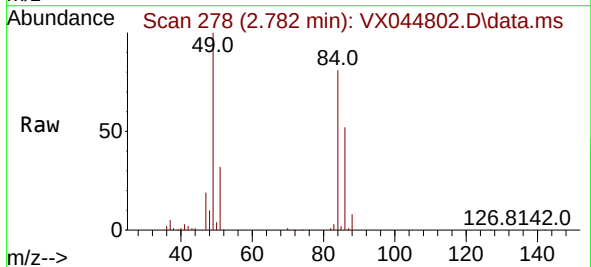
Manual Integrations
APPROVED

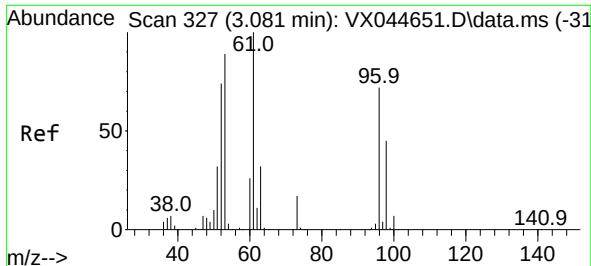
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#20
Methylene Chloride
Concen: 50.330 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

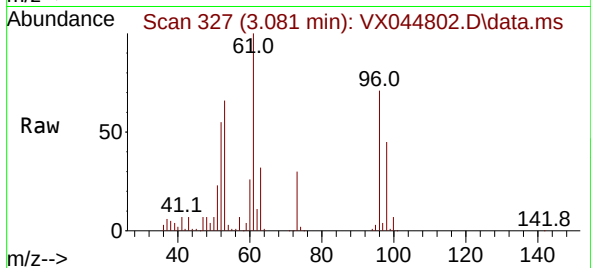
Tgt Ion: 84 Resp: 113693
Ion Ratio Lower Upper
84 100
49 123.8 94.2 141.4
51 39.5 28.8 43.2
86 64.6 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 50.775 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

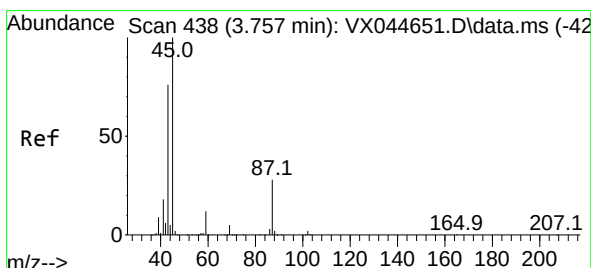
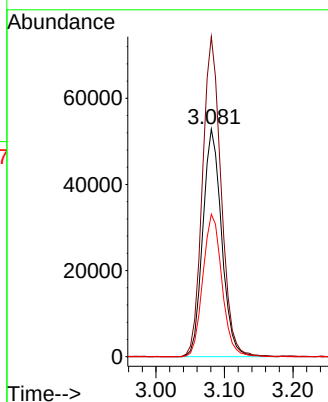
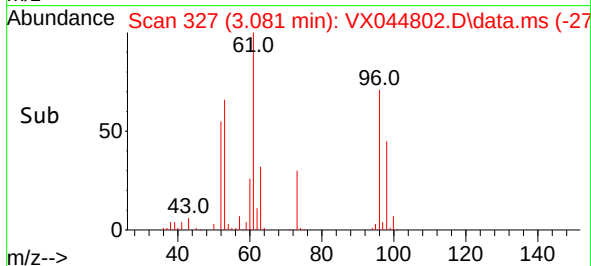
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



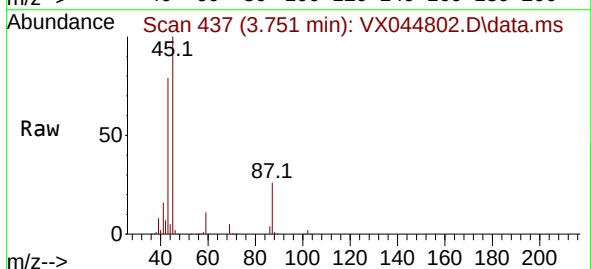
Tgt Ion: 96 Resp: 100823
Ion Ratio Lower Upper
96 100
61 140.6 111.0 166.6
98 62.6 50.2 75.2

Manual Integrations
APPROVED

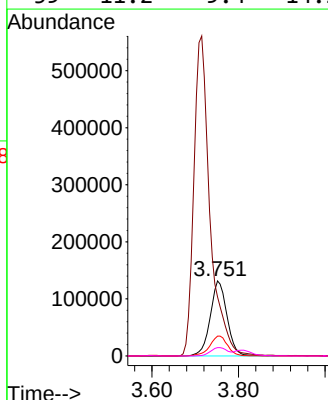
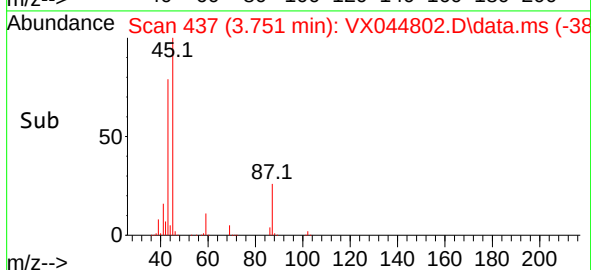
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

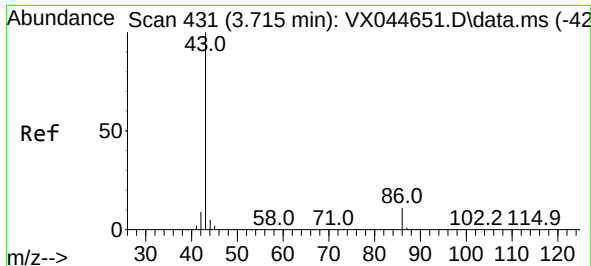


#22
Diisopropyl ether
Concen: 54.981 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52



Tgt Ion: 45 Resp: 353913
Ion Ratio Lower Upper
45 100
43 78.6 61.0 91.6
87 26.4 22.7 34.1
59 11.2 9.4 14.2





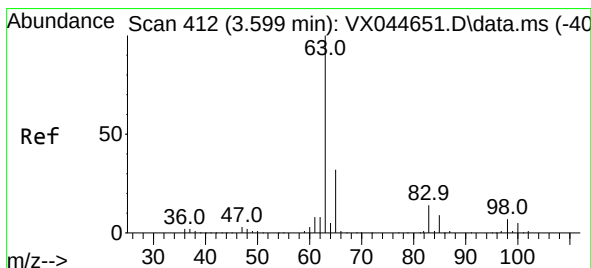
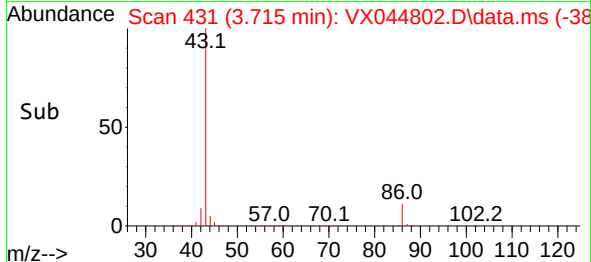
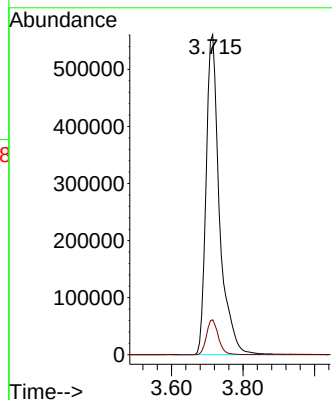
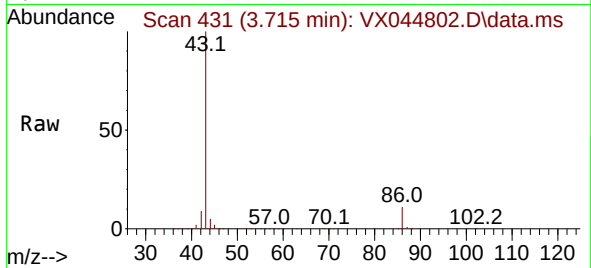
#23
 Vinyl Acetate
 Concen: 258.911 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VX044802.D
 Acq: 03 Feb 2025 09:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 145870
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.9 13.3

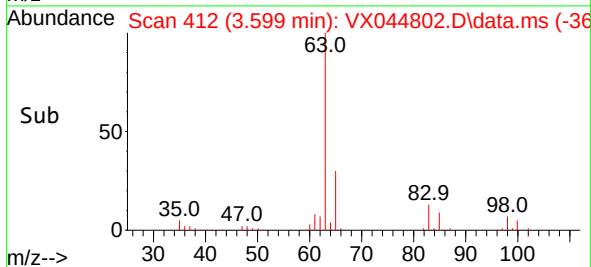
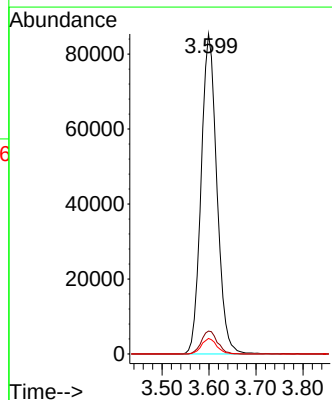
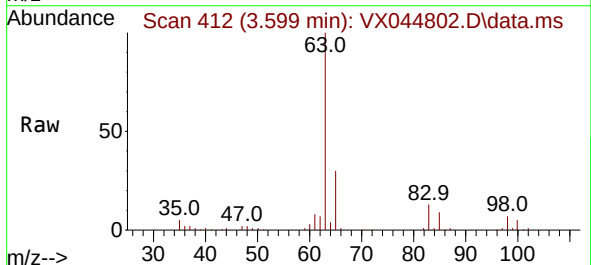
Manual Integrations
 APPROVED

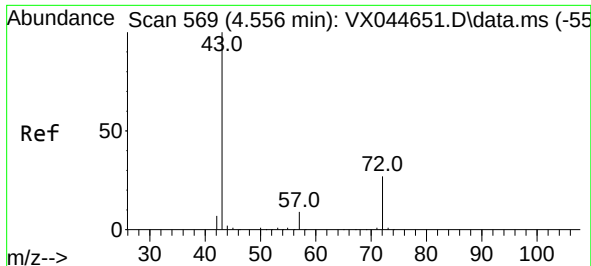
Reviewed By :John Carlone 02/04/2025
 Supervised By :Mahesh Dadoda 02/04/2025



#24
 1,1-Dichloroethane
 Concen: 52.029 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. 0.000 min
 Lab File: VX044802.D
 Acq: 03 Feb 2025 09:52

Tgt Ion: 63 Resp: 198603
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 4.9 2.5 7.5





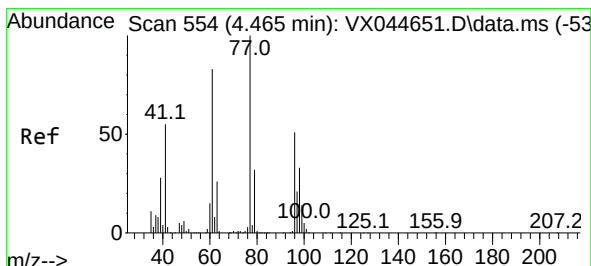
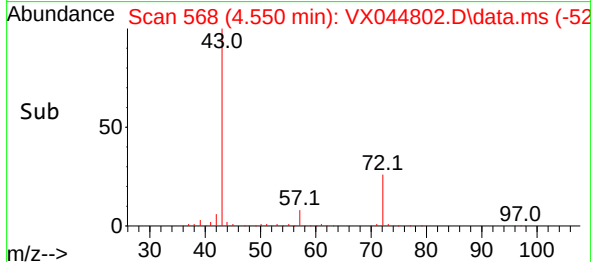
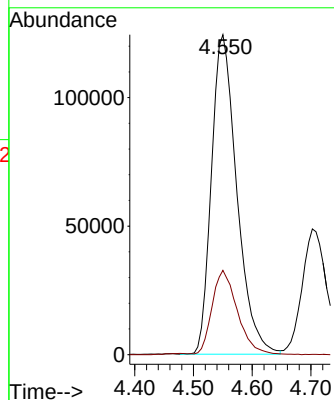
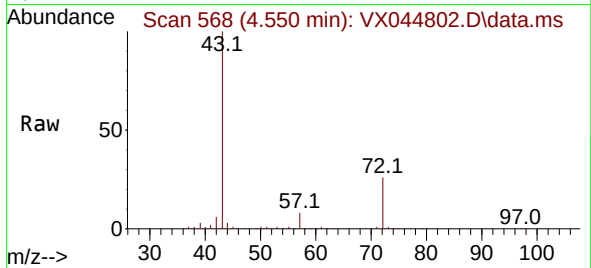
#25
2-Butanone
Concen: 258.709 ug/l
RT: 4.550 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 373119
Ion Ratio Lower Upper
43 100
72 26.1 21.7 32.5

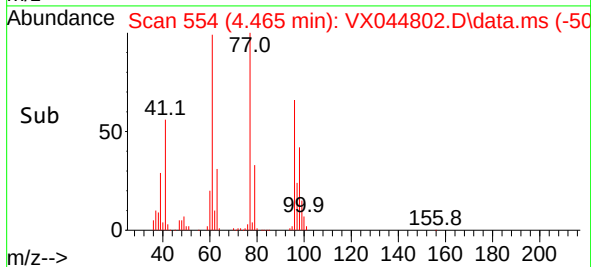
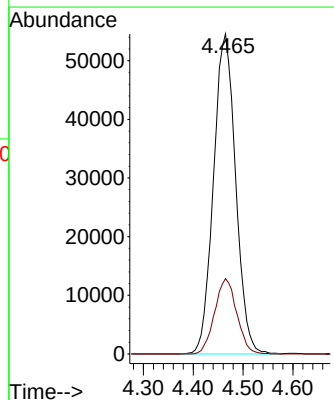
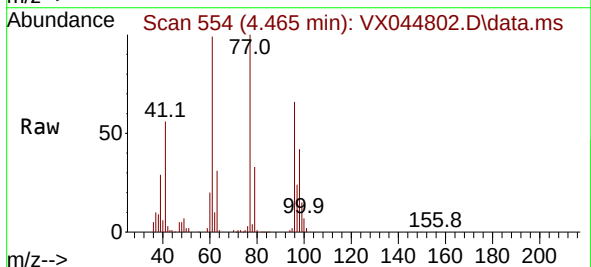
Manual Integrations
APPROVED

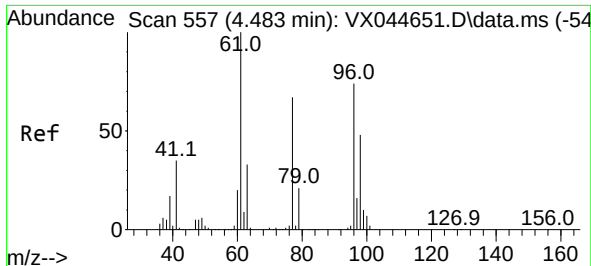
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#26
2,2-Dichloropropane
Concen: 45.456 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

Tgt Ion: 77 Resp: 168163
Ion Ratio Lower Upper
77 100
97 23.5 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 50.436 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.006 min

Lab File: VX044802.D

Acq: 03 Feb 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

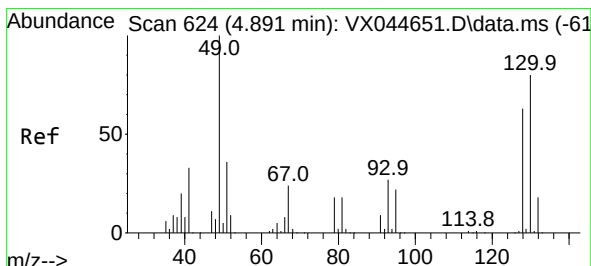
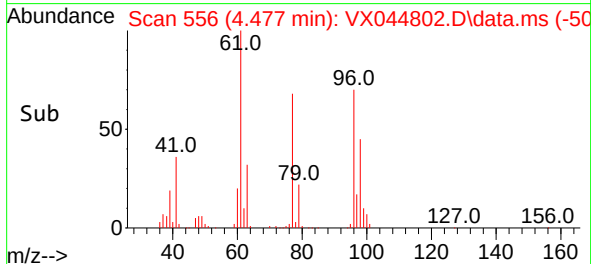
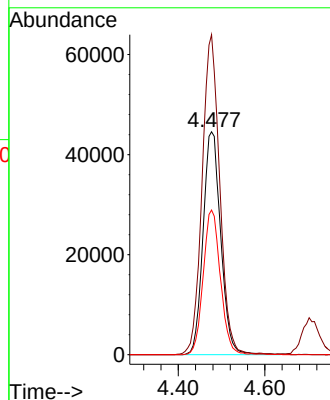
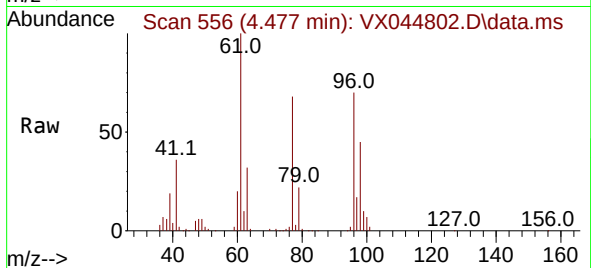
Tgt Ion: 96	Resp: 125972
Ion Ratio	Lower Upper
96 100	
61 143.2	0.0 296.0
98 63.3	0.0 130.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#28

Bromochloromethane

Concen: 50.943 ug/l

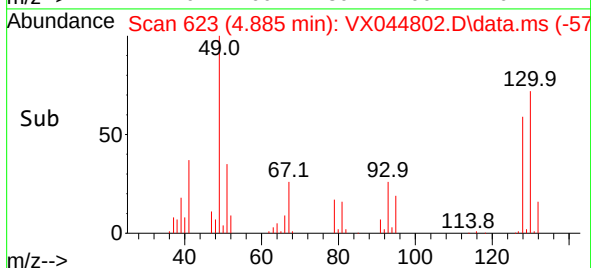
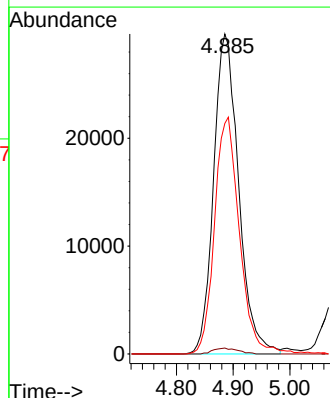
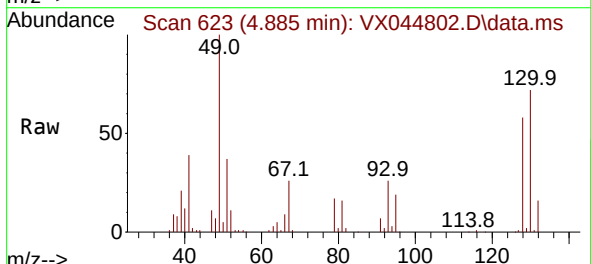
RT: 4.885 min Scan# 623

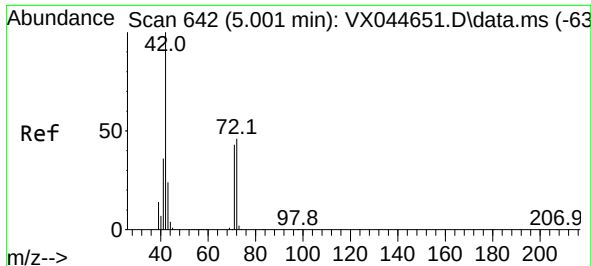
Delta R.T. -0.006 min

Lab File: VX044802.D

Acq: 03 Feb 2025 09:52

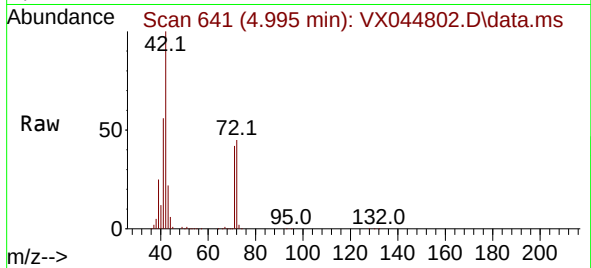
Tgt Ion: 49	Resp: 90867
Ion Ratio	Lower Upper
49 100	
129 1.8	0.0 4.4
130 73.7	63.4 95.2





#29
Tetrahydrofuran
Concen: 258.796 ug/l
RT: 4.995 min Scan# 641
Delta R.T. -0.006 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

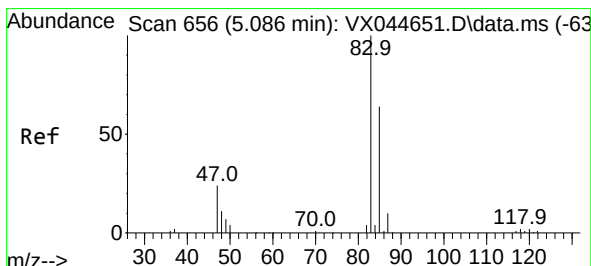
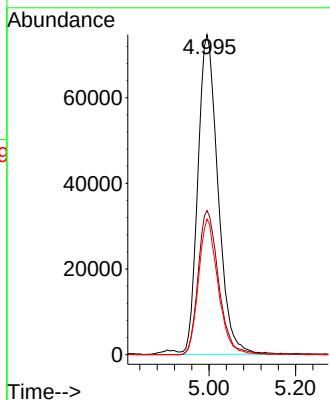
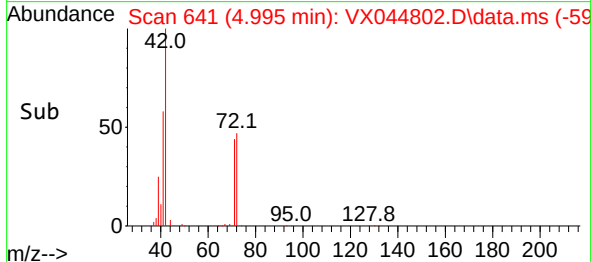
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



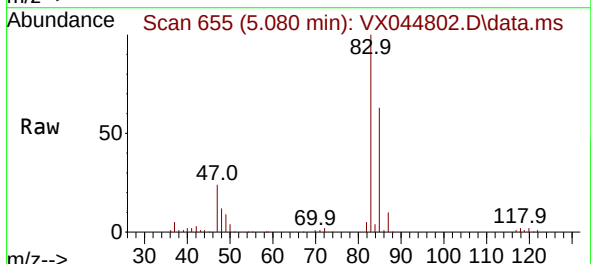
Tgt Ion: 42 Resp: 240754
Ion Ratio Lower Upper
42 100
72 45.8 38.2 57.4
71 41.3 35.3 52.9

Manual Integrations
APPROVED

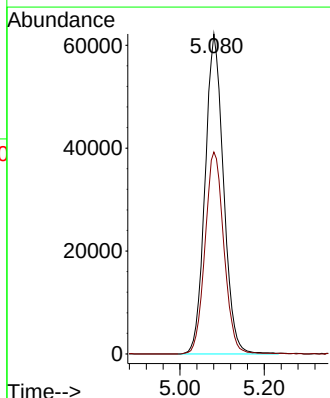
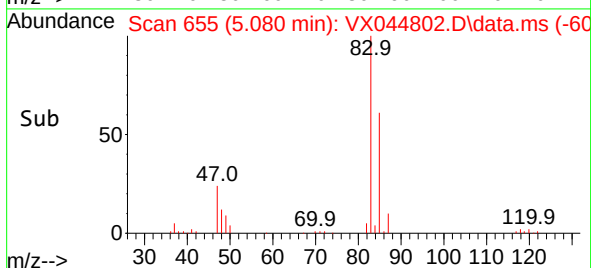
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

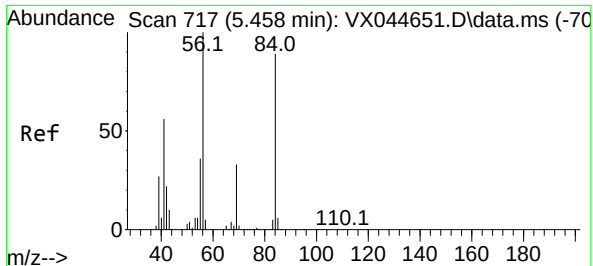


#30
Chloroform
Concen: 49.012 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.006 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52



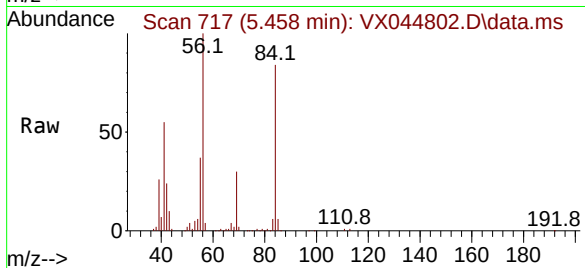
Tgt Ion: 83 Resp: 188807
Ion Ratio Lower Upper
83 100
85 63.1 51.2 76.8





#31
Cyclohexane
Concen: 57.418 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

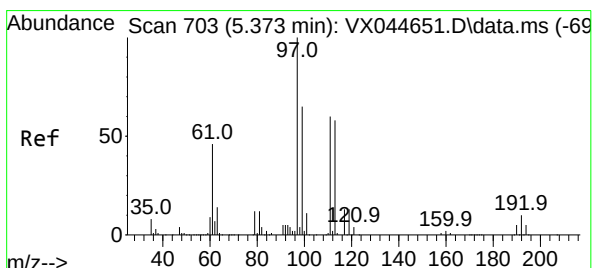
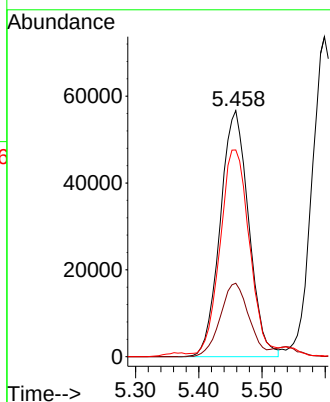
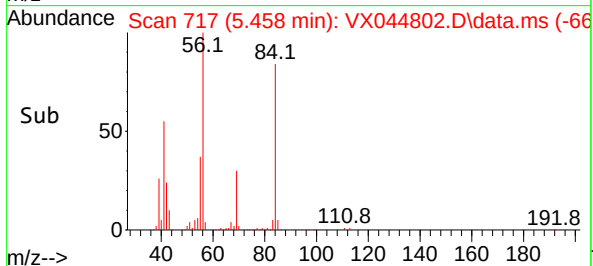
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



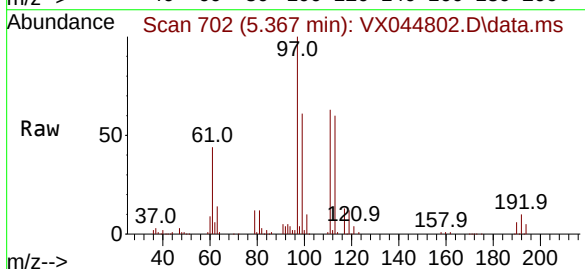
Tgt Ion: 56 Resp: 177264
Ion Ratio Lower Upper
56 100
69 29.9 26.8 40.2
84 82.5 71.0 106.4

Manual Integrations
APPROVED

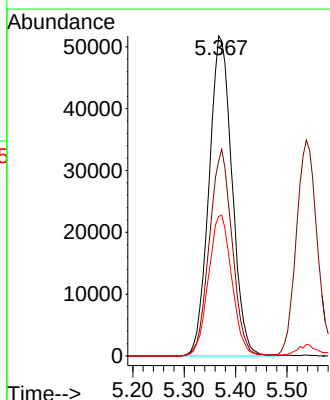
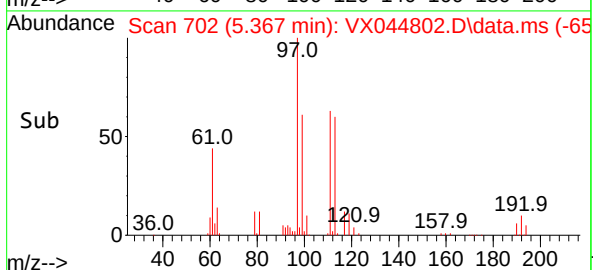
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

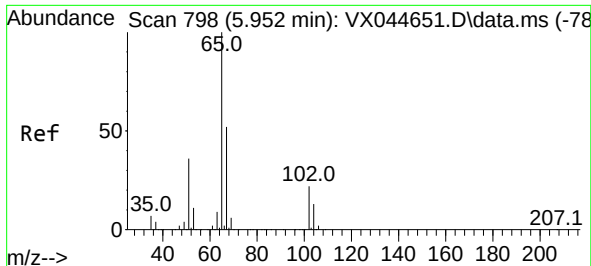


#32
1,1,1-Trichloroethane
Concen: 45.461 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52



Tgt Ion: 97 Resp: 160997
Ion Ratio Lower Upper
97 100
99 63.7 51.6 77.4
61 44.8 35.6 53.4





#33

1,2-Dichloroethane-d4

Concen: 48.114 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX044802.D

Acq: 03 Feb 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 11796

Ion Ratio Lower Upper

65 100

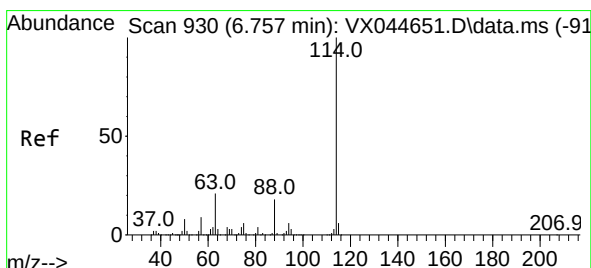
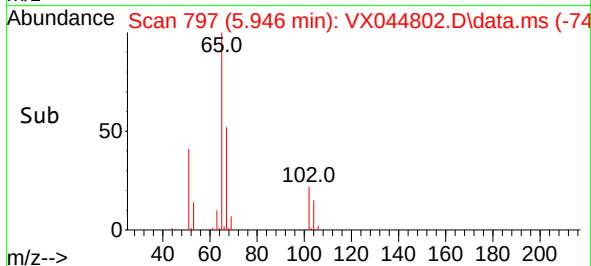
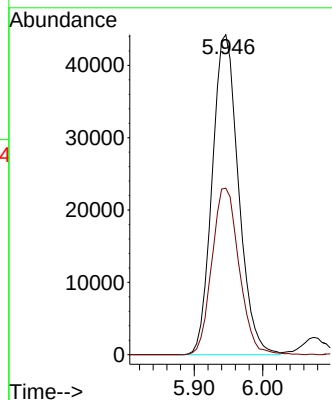
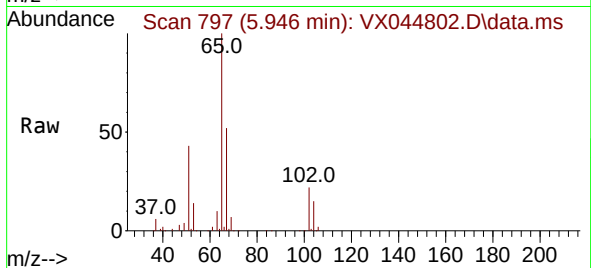
67 53.8 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX044802.D

Acq: 03 Feb 2025 09:52

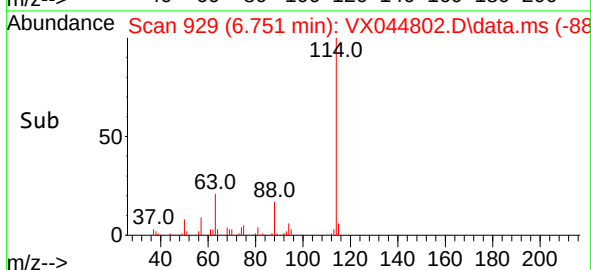
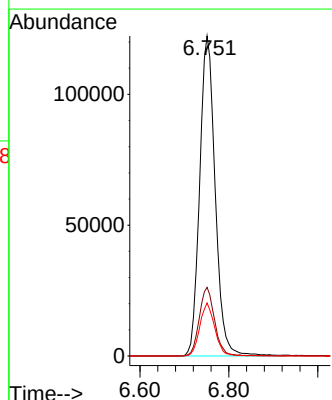
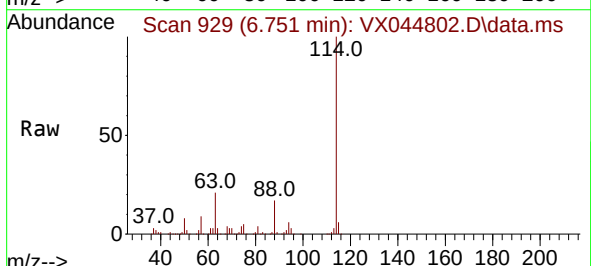
Tgt Ion:114 Resp: 297715

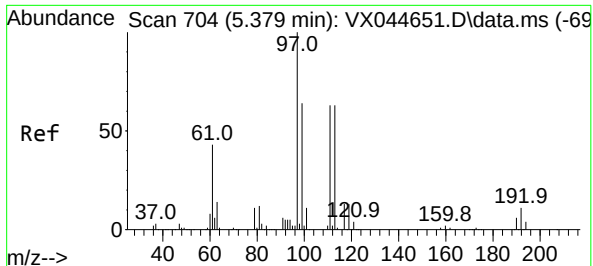
Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.0

88 16.5 0.0 35.4





#35

Dibromofluoromethane

Concen: 52.467 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX044802.D

Acq: 03 Feb 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 9923

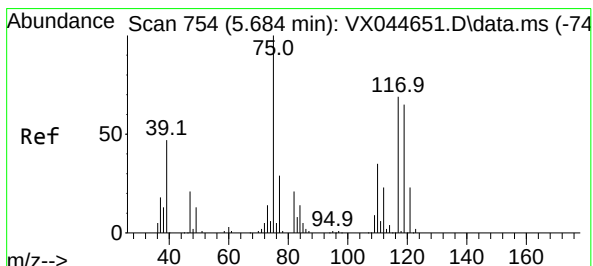
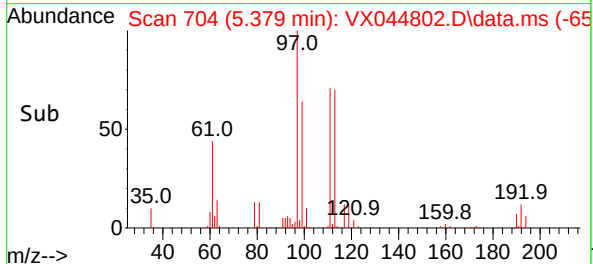
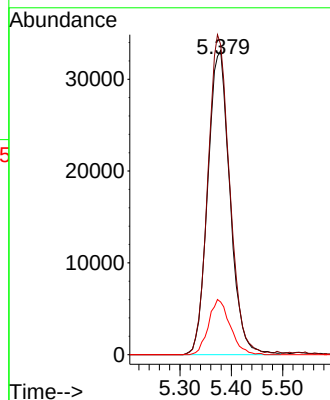
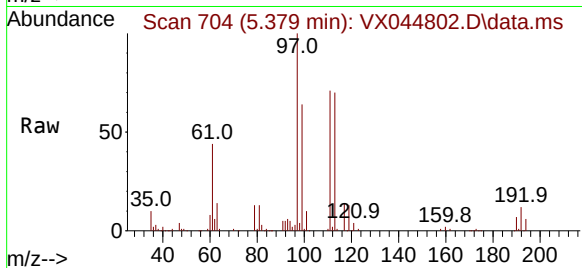
Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.6	122.4
192	17.7	14.4	21.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#36

1,1-Dichloropropene

Concen: 50.662 ug/l

RT: 5.678 min Scan# 753

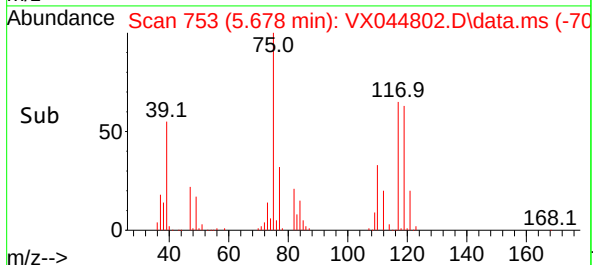
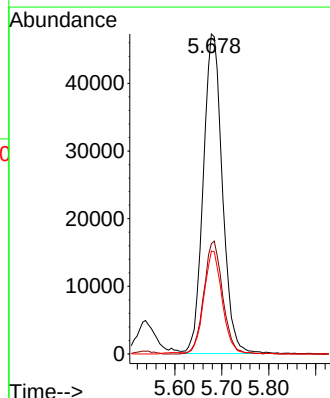
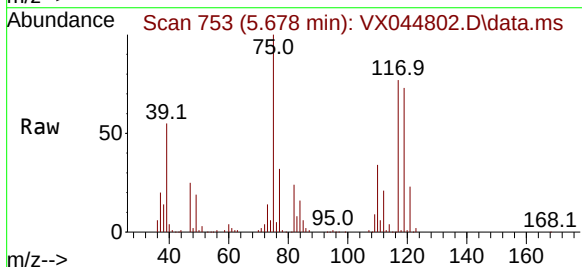
Delta R.T. -0.006 min

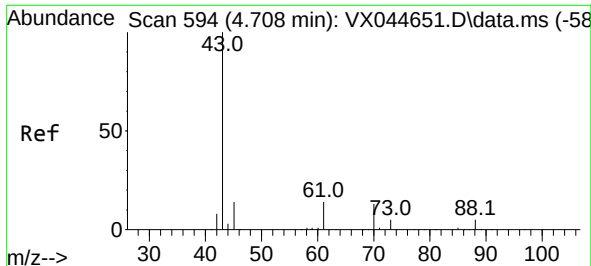
Lab File: VX044802.D

Acq: 03 Feb 2025 09:52

Tgt Ion: 75 Resp: 133384

Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.9	53.8
77	30.7	24.5	36.7





#37

Ethyl Acetate

Concen: 52.295 ug/l

RT: 4.702 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX044802.D

Acq: 03 Feb 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 14662

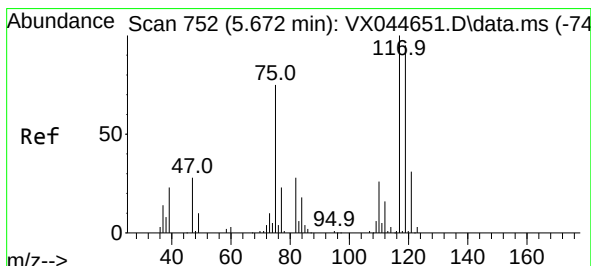
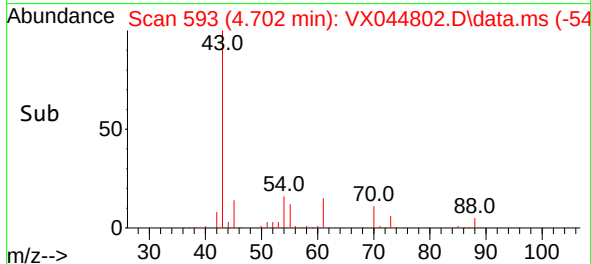
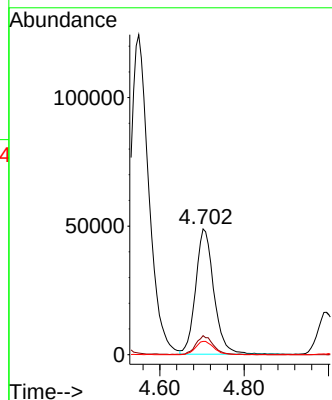
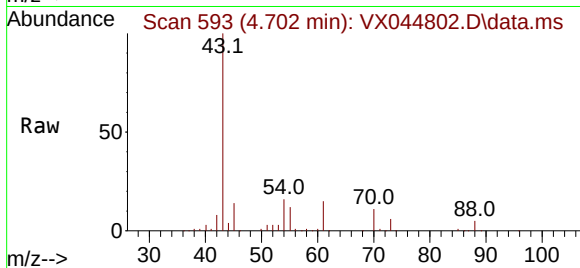
Ion	Ratio	Lower	Upper
43	100		
61	14.6	10.9	16.3
70	10.7	10.1	15.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#38

Carbon Tetrachloride

Concen: 45.680 ug/l

RT: 5.666 min Scan# 751

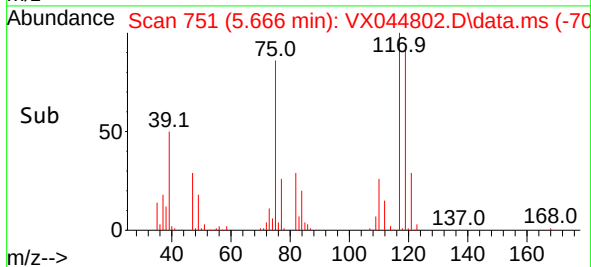
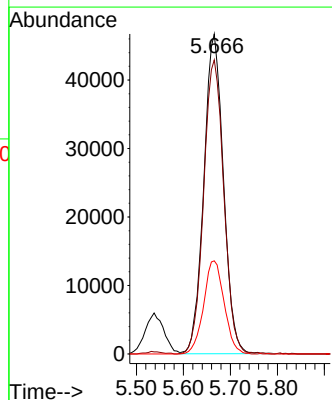
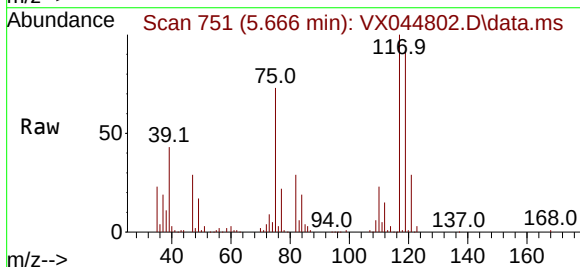
Delta R.T. -0.006 min

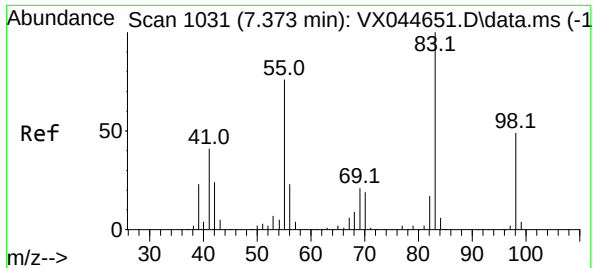
Lab File: VX044802.D

Acq: 03 Feb 2025 09:52

Tgt Ion:117 Resp: 135277

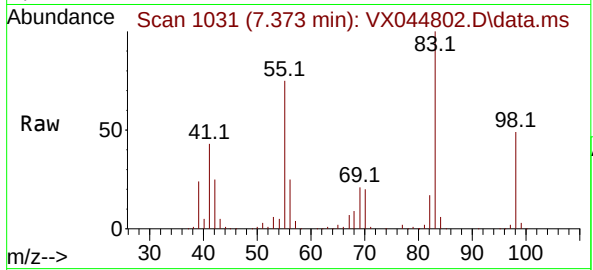
Ion	Ratio	Lower	Upper
117	100		
119	91.9	76.0	114.0
121	29.2	24.6	36.8





#39
Methylcyclohexane
Concen: 53.731 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

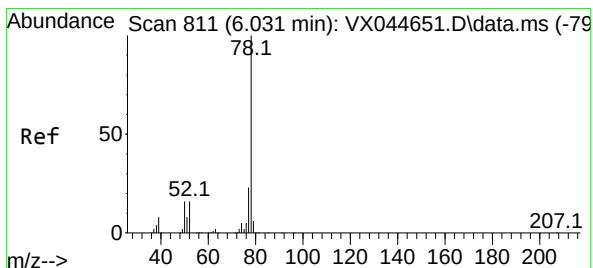
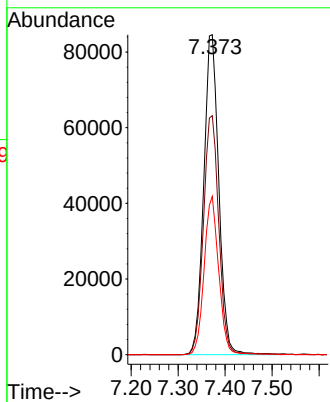
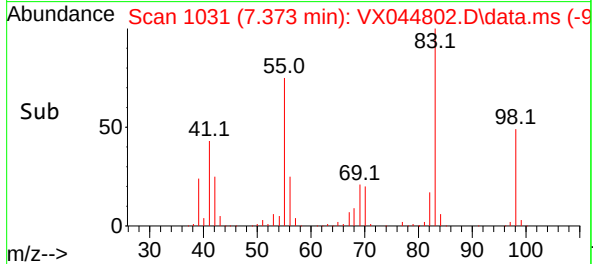
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



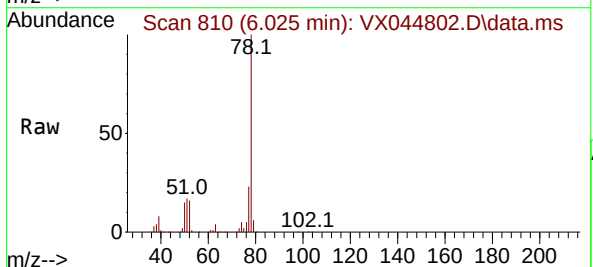
Tgt Ion: 83 Resp: 18779
Ion Ratio Lower Upper
83 100
55 74.7 60.5 90.7
98 49.5 39.0 58.4

Manual Integrations
APPROVED

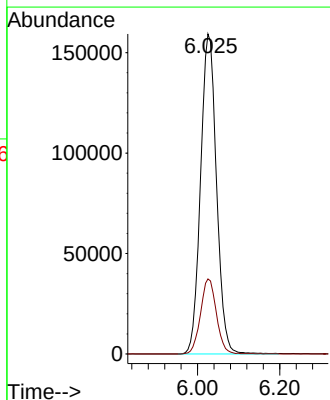
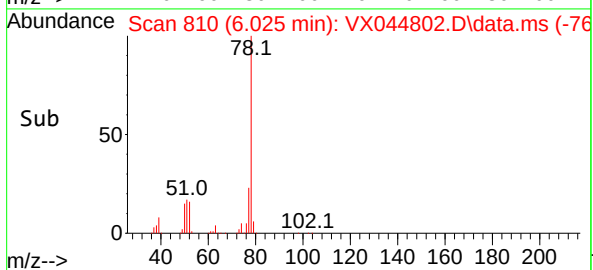
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

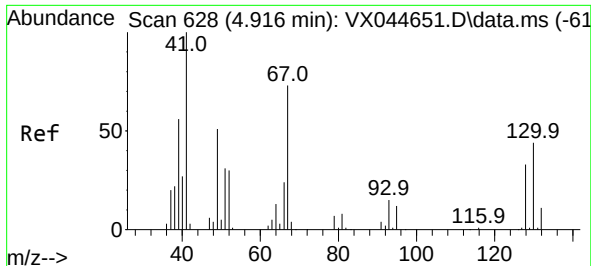


#40
Benzene
Concen: 52.535 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52



Tgt Ion: 78 Resp: 428598
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1





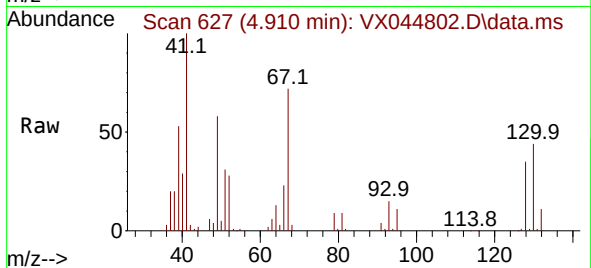
#41
Methacrylonitrile
Concen: 50.508 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



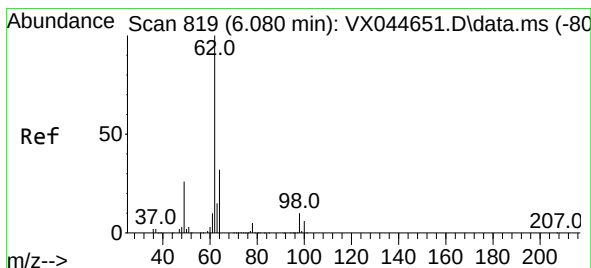
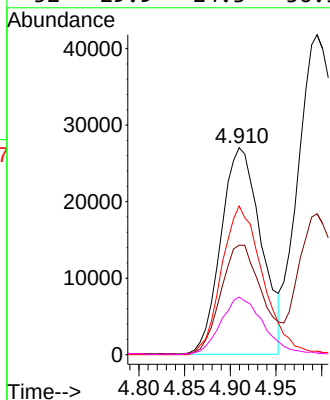
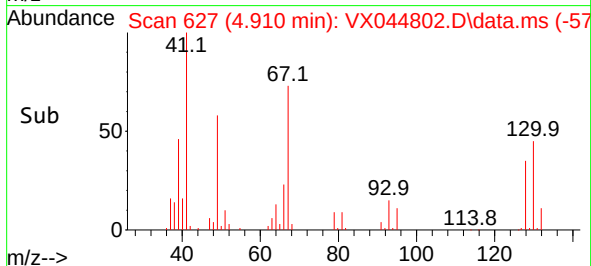
Tgt Ion: 41 Resp: 82519
Ion Ratio Lower Upper
41 100
39 55.4 44.4 66.6
67 74.9 60.6 90.8
52 29.9 24.3 36.5

Manual Integrations

APPROVED

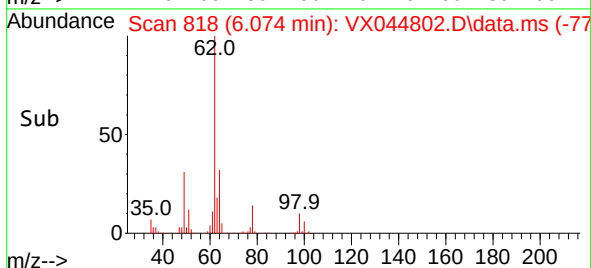
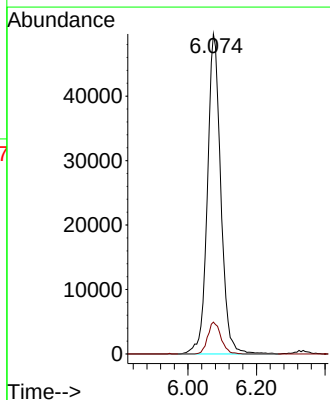
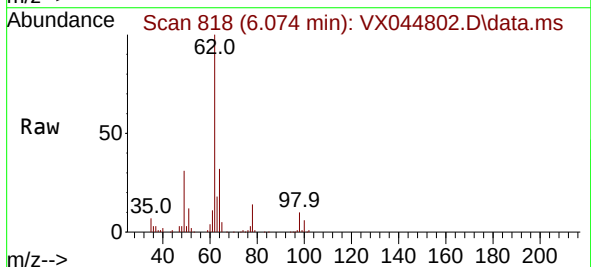
Reviewed By :John Carlone 02/04/2025

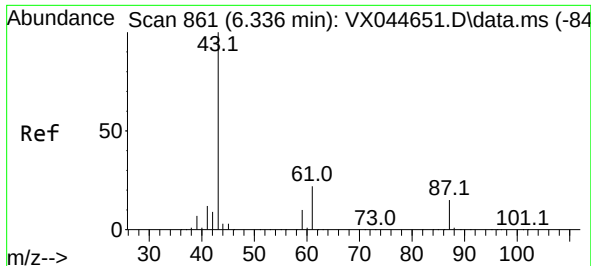
Supervised By :Mahesh Dadoda 02/04/2025



#42
1,2-Dichloroethane
Concen: 45.355 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

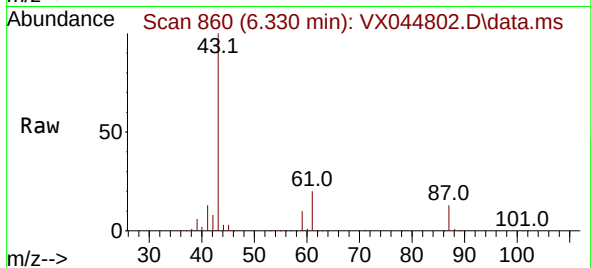
Tgt Ion: 62 Resp: 135051
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.4





#43
Isopropyl Acetate
Concen: 49.187 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

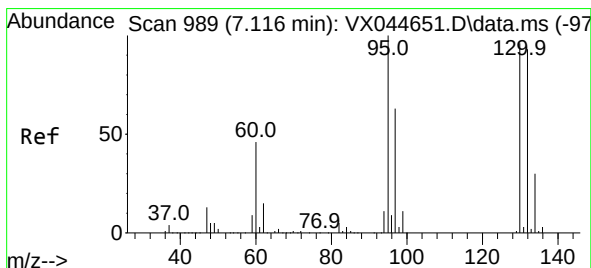
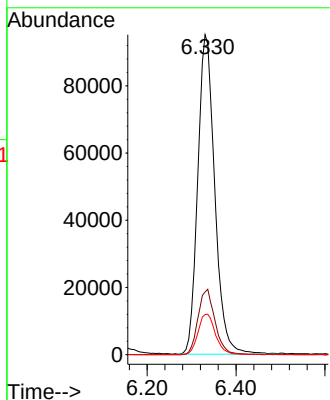
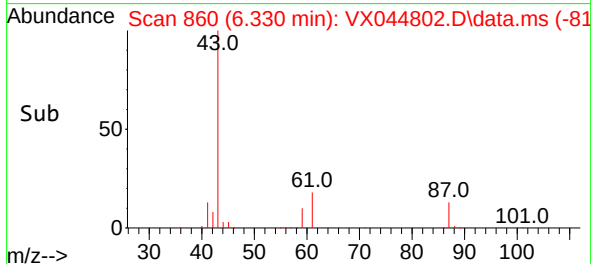
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 253694
Ion Ratio Lower Upper
43 100
61 20.5 16.6 24.8
87 13.0 11.0 16.6

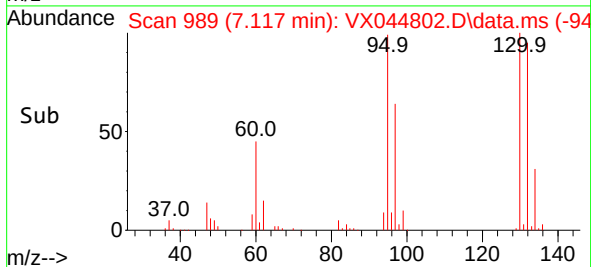
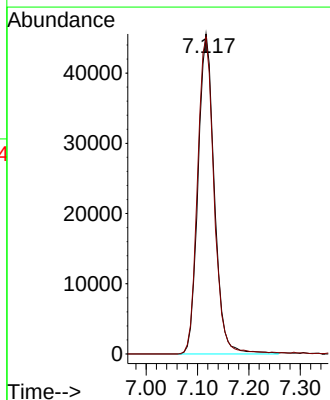
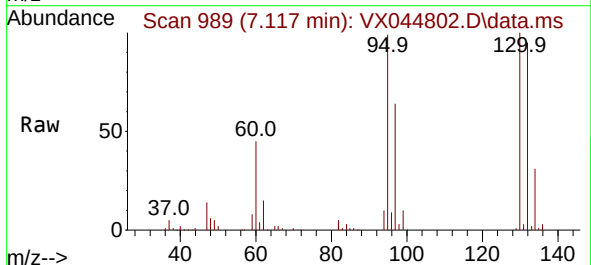
Manual Integrations
APPROVED

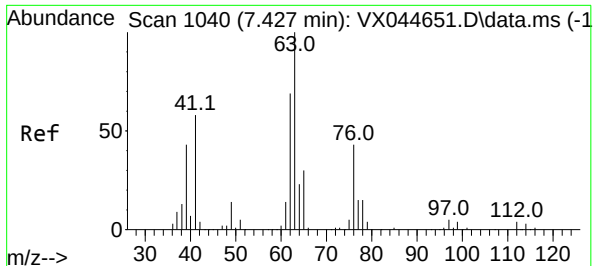
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#44
Trichloroethene
Concen: 51.104 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

Tgt Ion:130 Resp: 100231
Ion Ratio Lower Upper
130 100
95 99.0 0.0 208.2





#45

1,2-Dichloropropane

Concen: 53.206 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX044802.D

Acq: 03 Feb 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 109264

Ion Ratio Lower Upper

63 100

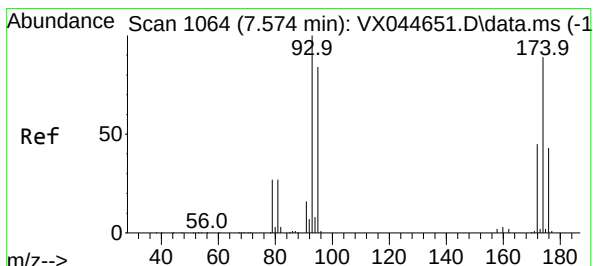
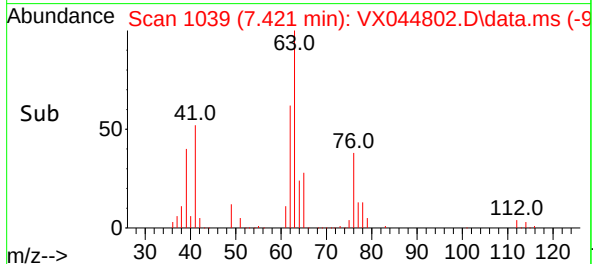
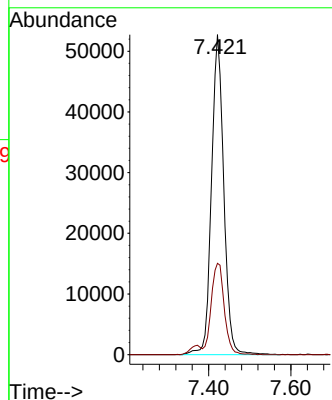
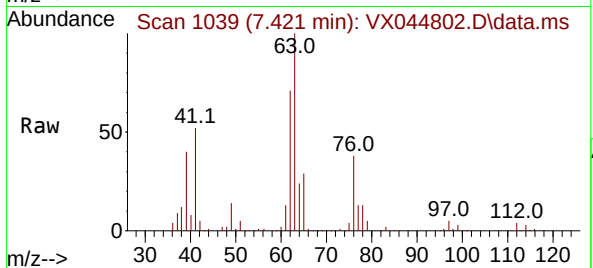
65 28.6 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#46

Dibromomethane

Concen: 47.313 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX044802.D

Acq: 03 Feb 2025 09:52

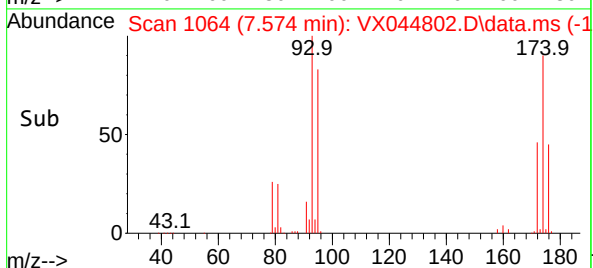
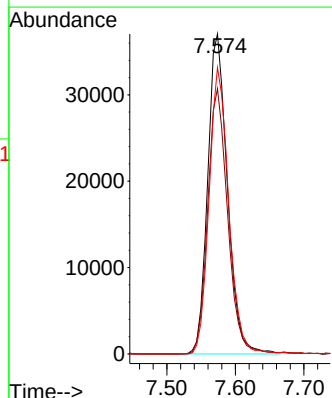
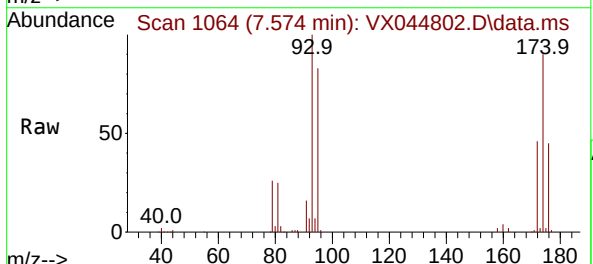
Tgt Ion: 93 Resp: 73965

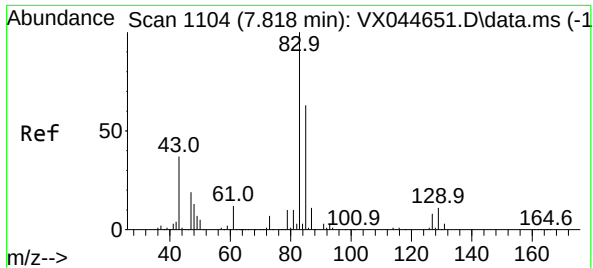
Ion Ratio Lower Upper

93 100

95 84.2 66.4 99.6

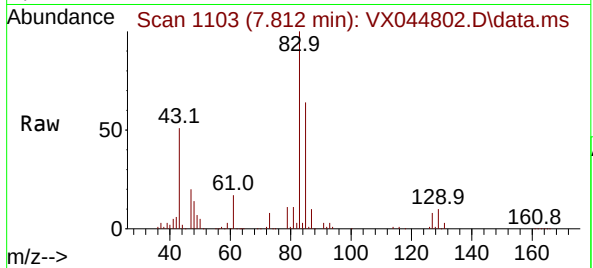
174 89.9 72.0 108.0





#47
Bromodichloromethane
Concen: 46.626 ug/l
RT: 7.812 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

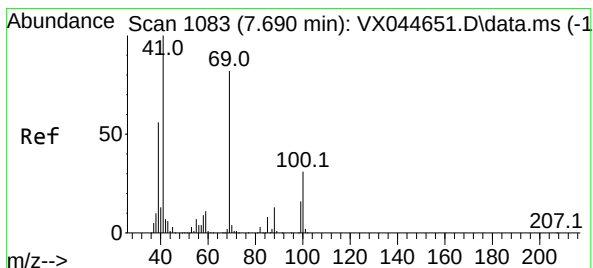
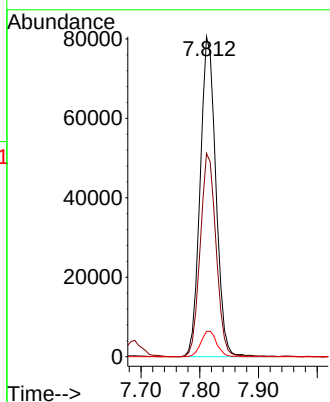
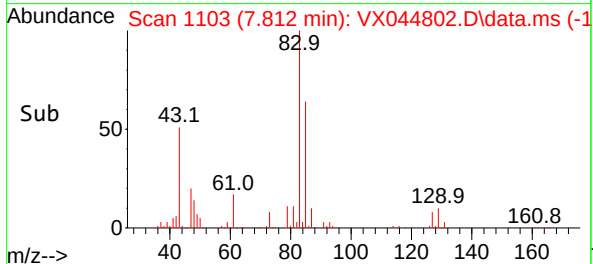
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



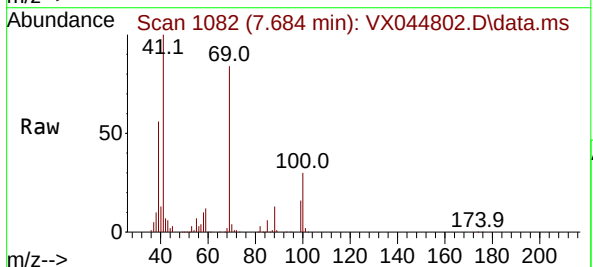
Tgt Ion: 83 Resp: 14948
Ion Ratio Lower Upper
83 100
85 63.6 50.1 75.1
127 7.9 6.5 9.7

Manual Integrations
APPROVED

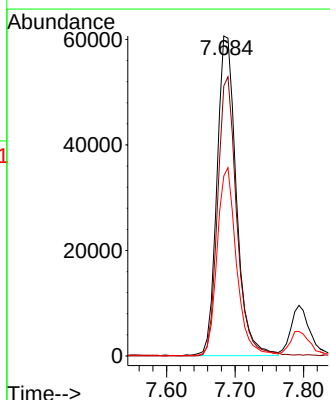
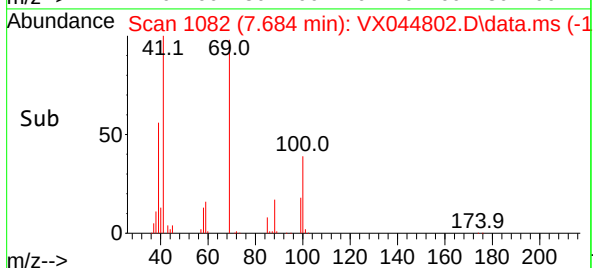
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

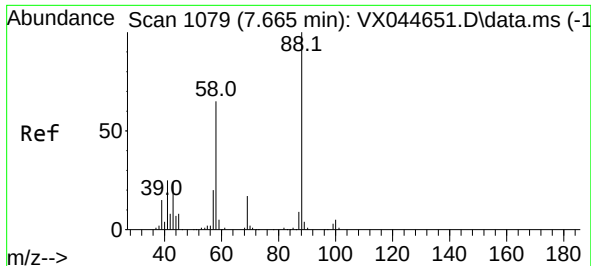


#48
Methyl methacrylate
Concen: 49.744 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. -0.006 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52



Tgt Ion: 41 Resp: 119095
Ion Ratio Lower Upper
41 100
69 85.8 66.8 100.2
39 58.5 47.4 71.0





#49

1,4-Dioxane

Concen: 903.978 ug/l

RT: 7.659 min Scan# 1079

Delta R.T. -0.006 min

Lab File: VX044802.D

Acq: 03 Feb 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

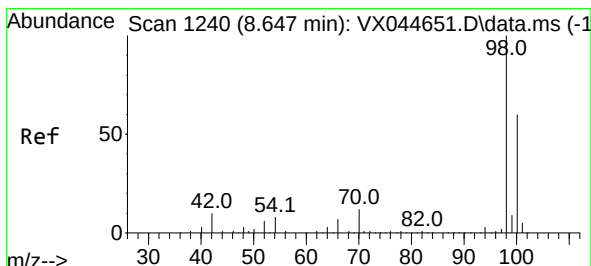
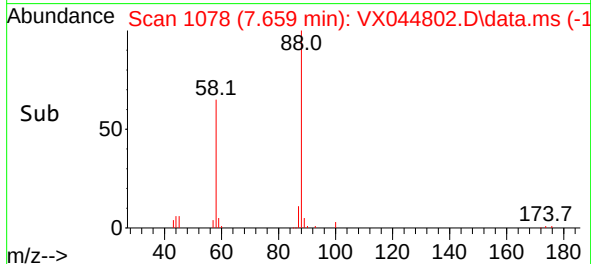
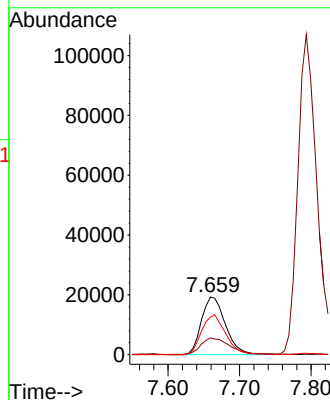
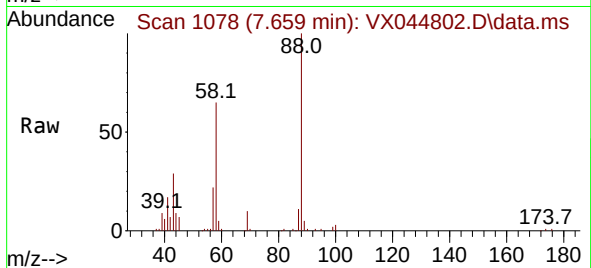
Tgt Ion: 88 Resp: 45154
 Ion Ratio Lower Upper
 88 100
 43 33.9 27.0 40.4
 58 69.5 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#50

Toluene-d8

Concen: 56.382 ug/l

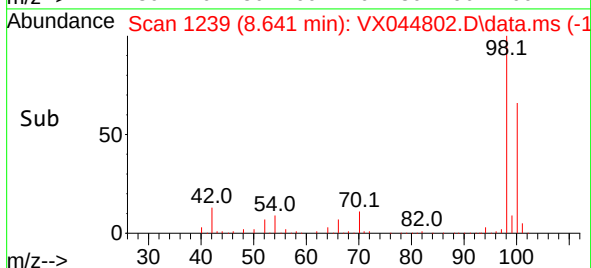
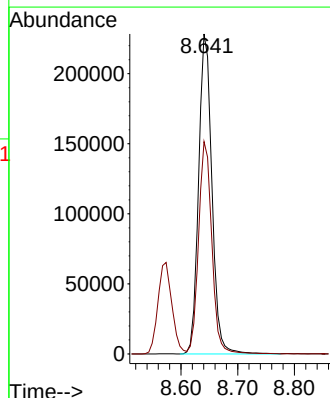
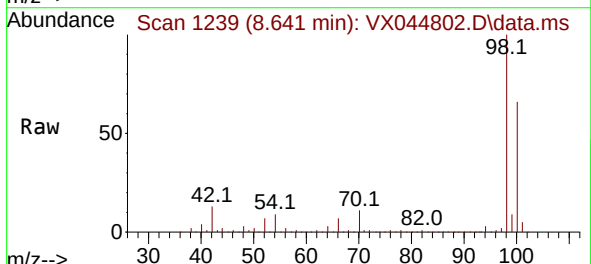
RT: 8.641 min Scan# 1239

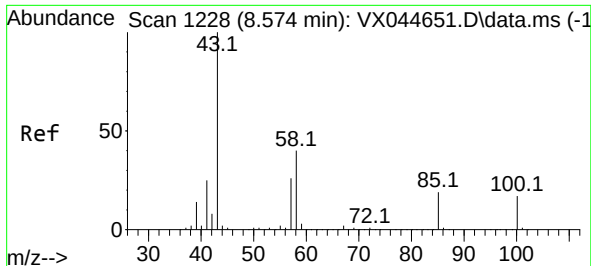
Delta R.T. -0.006 min

Lab File: VX044802.D

Acq: 03 Feb 2025 09:52

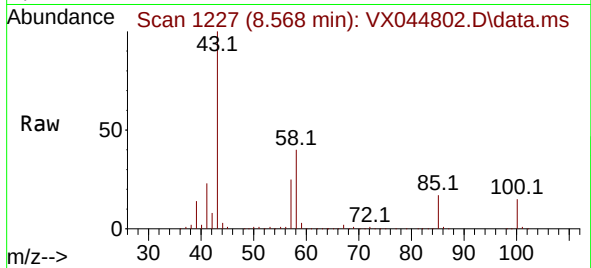
Tgt Ion: 98 Resp: 371824
 Ion Ratio Lower Upper
 98 100
 100 66.0 53.2 79.8





#51
4-Methyl-2-Pentanone
Concen: 257.519 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

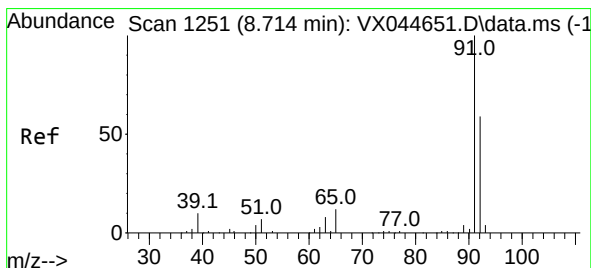
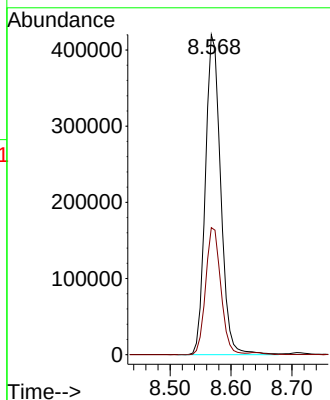
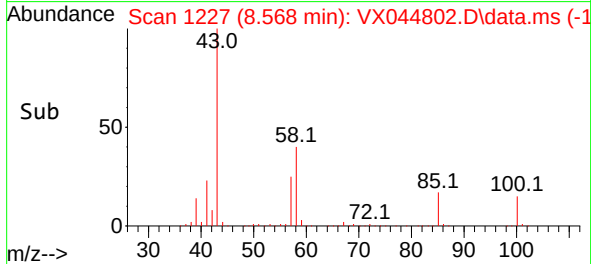
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



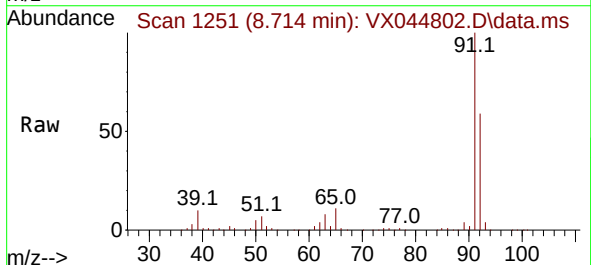
Tgt Ion: 43 Resp: 734014
Ion Ratio Lower Upper
43 100
58 39.5 31.9 47.9

Manual Integrations
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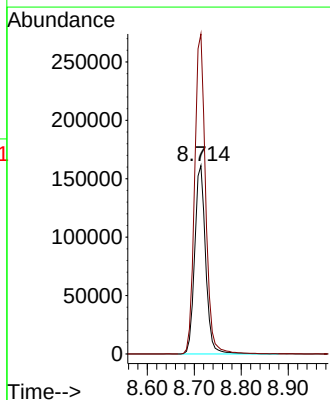
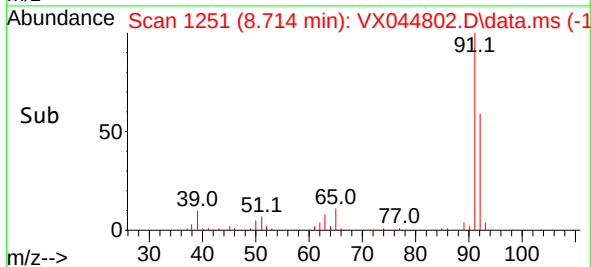
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

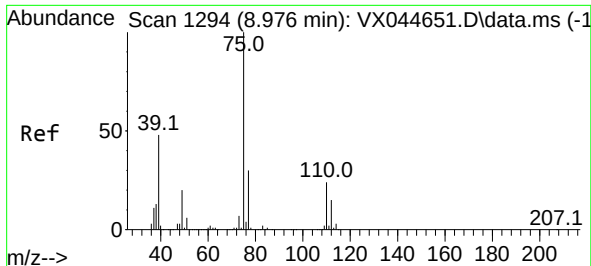


#52
Toluene
Concen: 52.403 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52



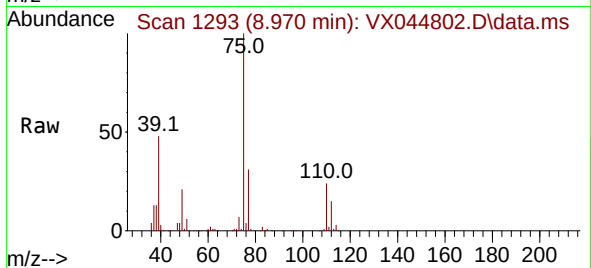
Tgt Ion: 92 Resp: 261673
Ion Ratio Lower Upper
92 100
91 170.5 135.7 203.5





#53
t-1,3-Dichloropropene
Concen: 48.158 ug/l
RT: 8.970 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

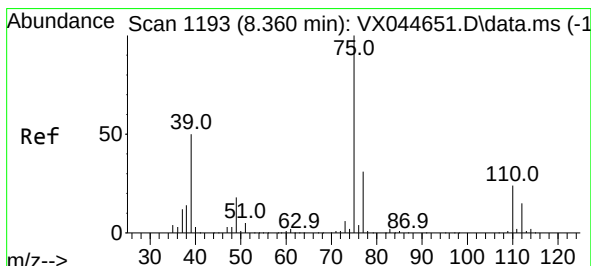
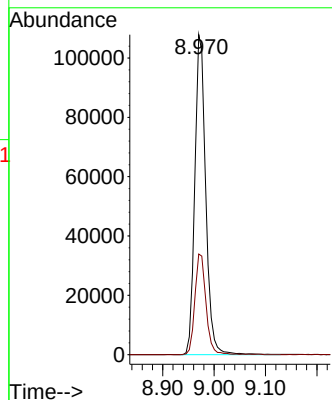
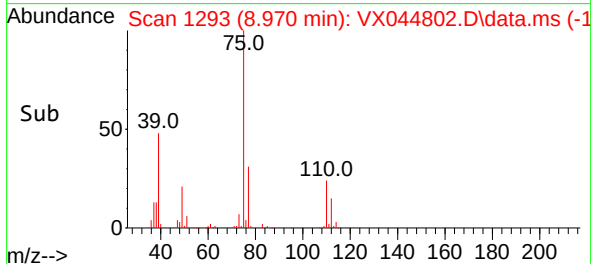
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 15951
Ion Ratio Lower Upper
75 100
77 31.5 24.4 36.6

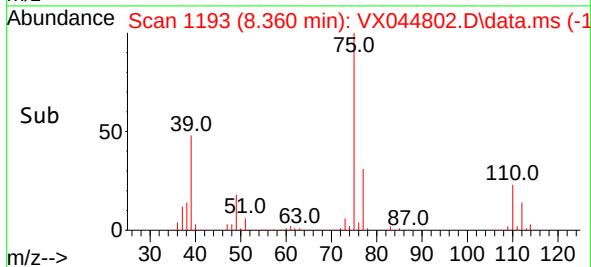
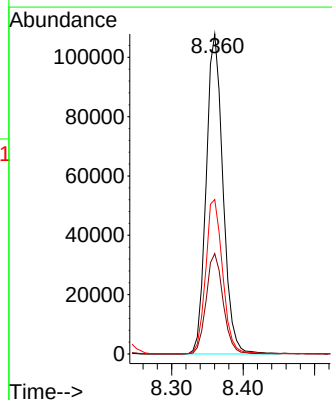
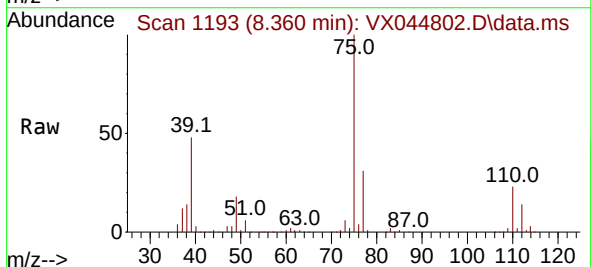
Manual Integrations
APPROVED

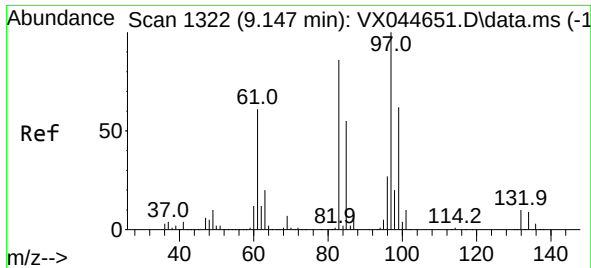
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#54
cis-1,3-Dichloropropene
Concen: 48.923 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

Tgt Ion: 75 Resp: 175713
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7
39 48.2 40.3 60.5





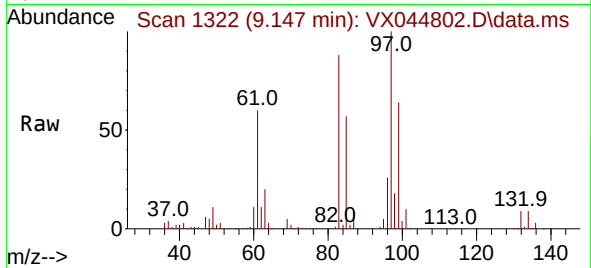
#55
1,1,2-Trichloroethane
Concen: 49.814 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



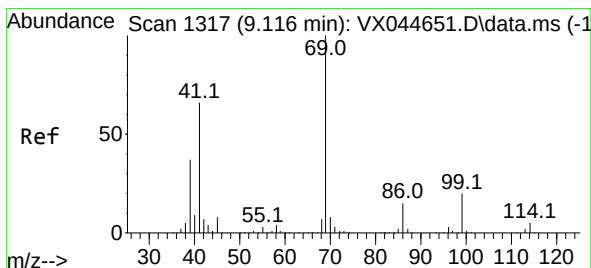
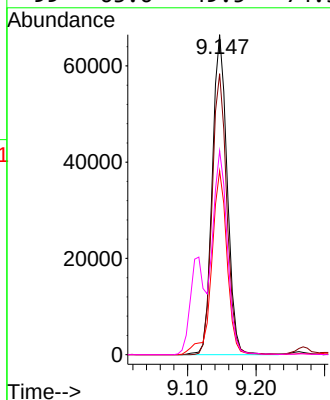
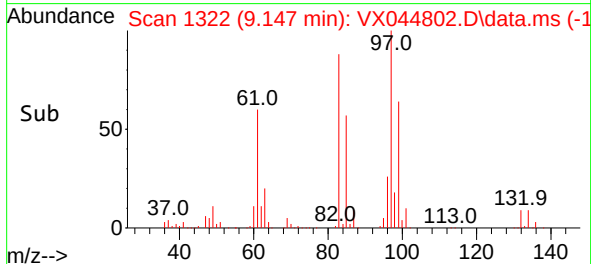
Tgt Ion: 97 Resp: 100638
Ion Ratio Lower Upper
97 100
83 87.8 68.8 103.2
85 57.4 43.7 65.5
99 63.6 49.5 74.3

Manual Integrations

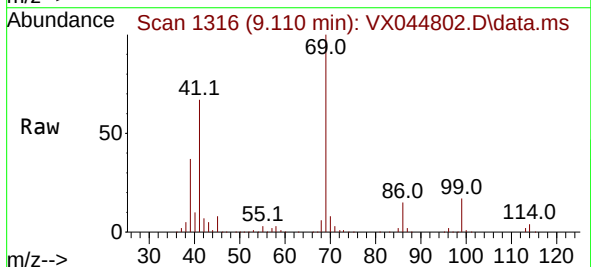
APPROVED

Reviewed By :John Carlone 02/04/2025

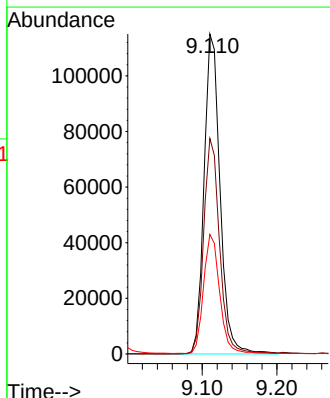
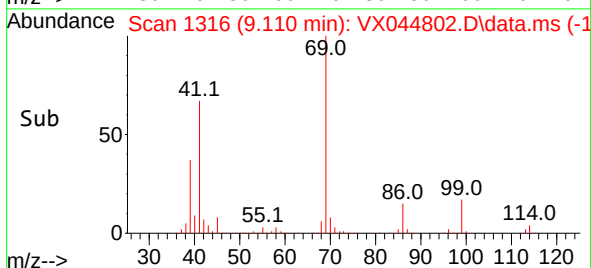
Supervised By :Mahesh Dadoda 02/04/2025

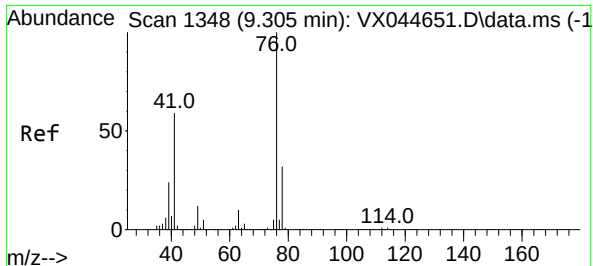


#56
Ethyl methacrylate
Concen: 49.203 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52



Tgt Ion: 69 Resp: 170918
Ion Ratio Lower Upper
69 100
41 67.3 53.2 79.8
39 37.4 30.2 45.2





#57

1,3-Dichloropropane

Concen: 50.198 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. 0.000 min

Lab File: VX044802.D

Acq: 03 Feb 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 172698

Ion Ratio Lower Upper

76 100

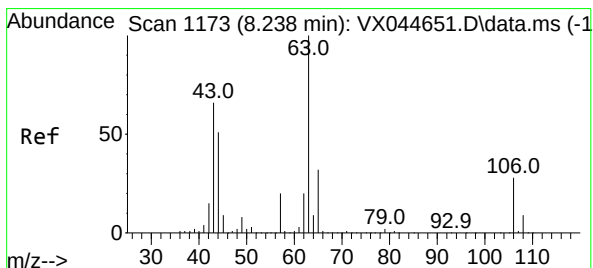
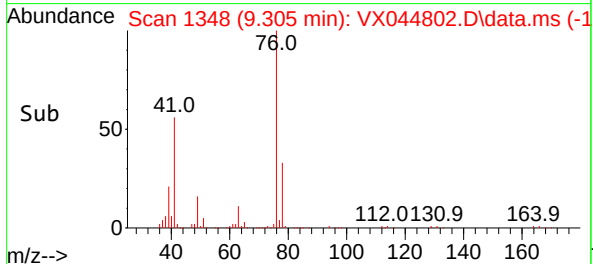
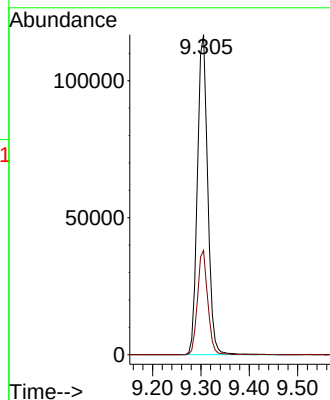
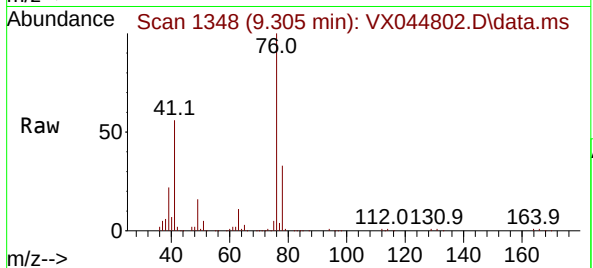
78 32.1 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#58

2-Chloroethyl Vinyl ether

Concen: 250.814 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX044802.D

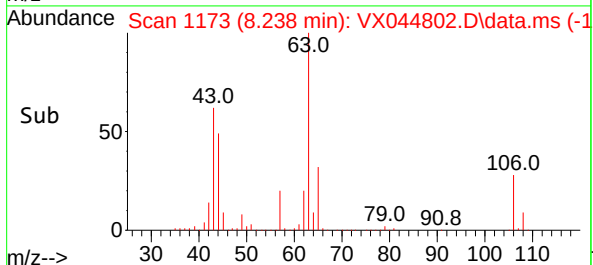
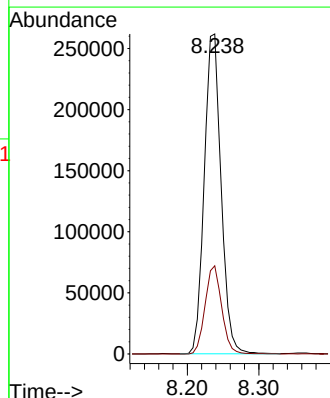
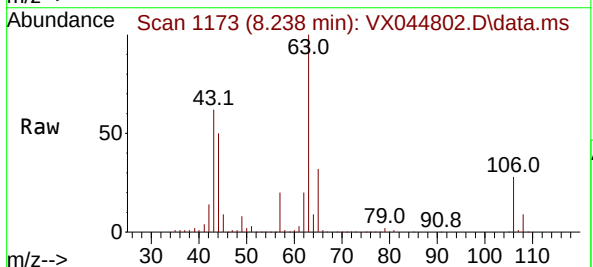
Acq: 03 Feb 2025 09:52

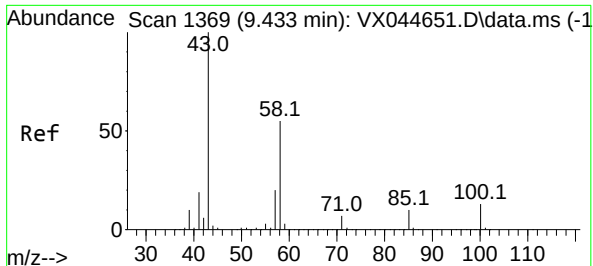
Tgt Ion: 63 Resp: 427737

Ion Ratio Lower Upper

63 100

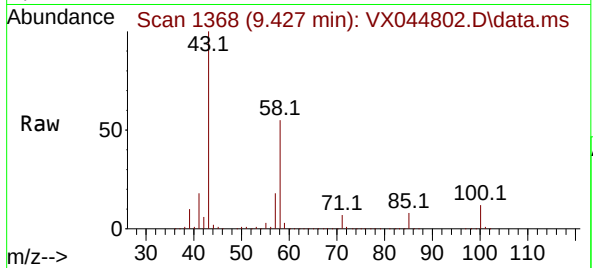
106 27.2 23.0 34.6





#59
2-Hexanone
Concen: 253.231 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

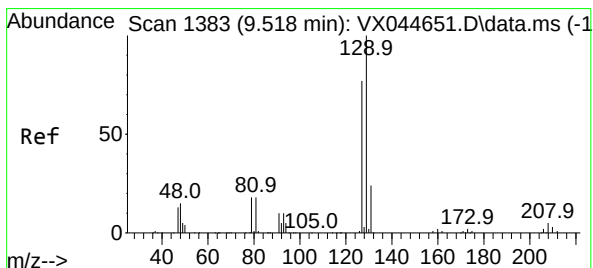
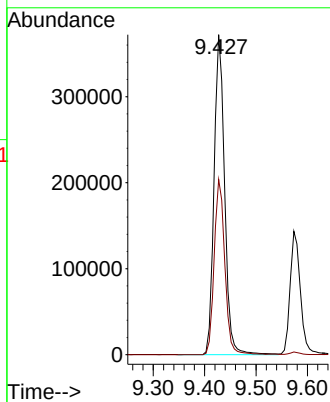
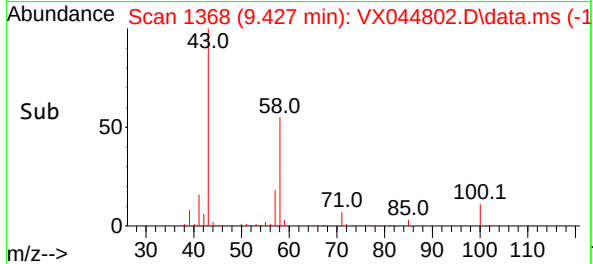
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 531025
Ion Ratio Lower Upper
43 100
58 55.3 27.8 83.3

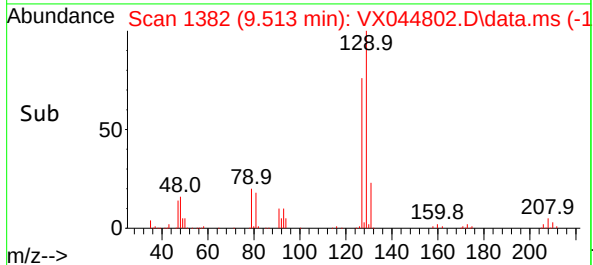
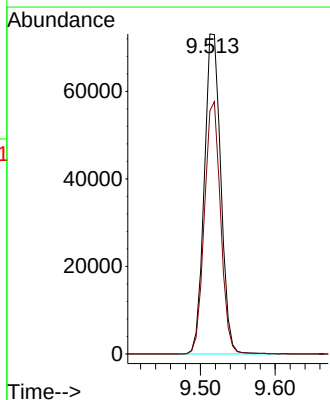
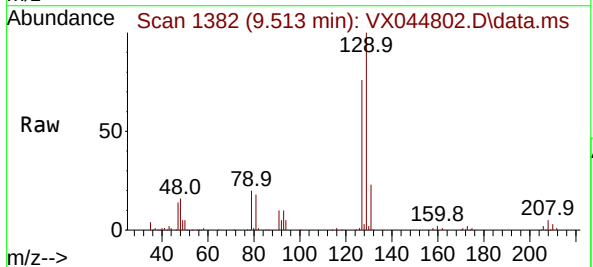
Manual Integrations
APPROVED

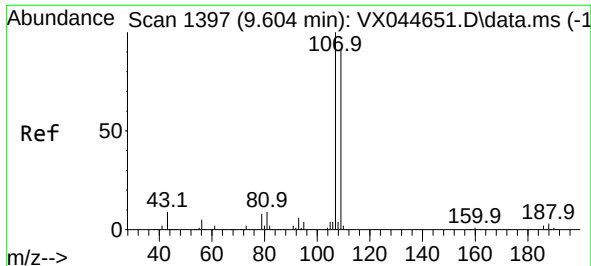
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#60
Dibromochloromethane
Concen: 47.219 ug/l
RT: 9.513 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

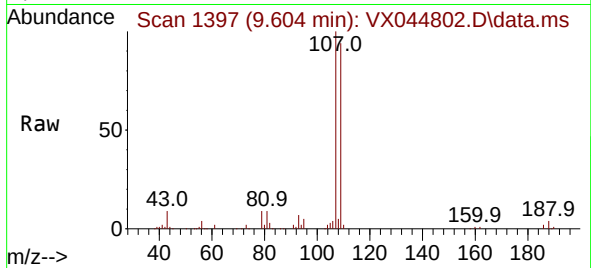
Tgt Ion:129 Resp: 111967
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





#61
1,2-Dibromoethane
Concen: 48.405 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

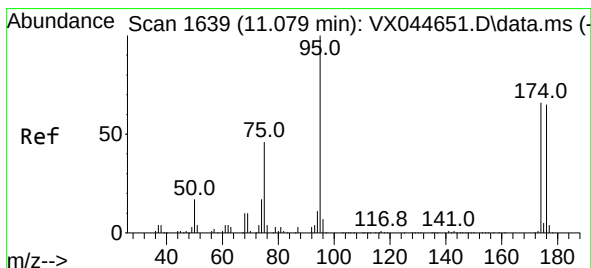
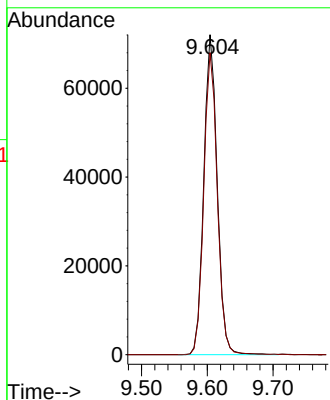
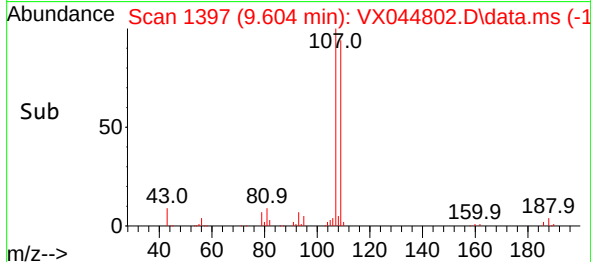
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



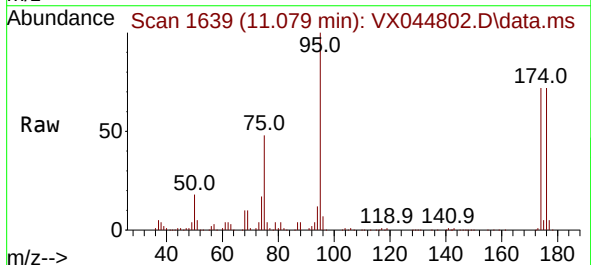
Tgt Ion:107 Resp: 102485
Ion Ratio Lower Upper
107 100
109 94.9 75.3 112.9

Manual Integrations
APPROVED

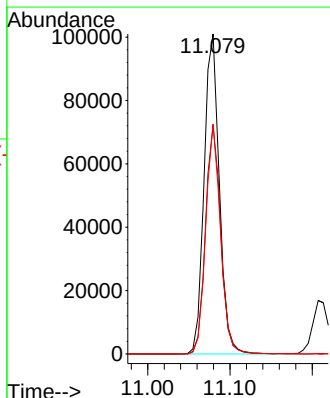
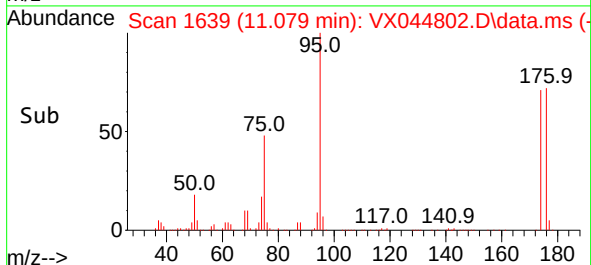
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

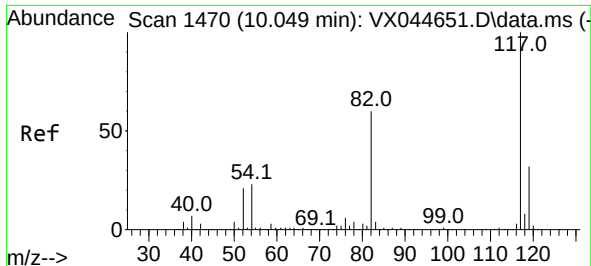


#62
4-Bromofluorobenzene
Concen: 52.925 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52



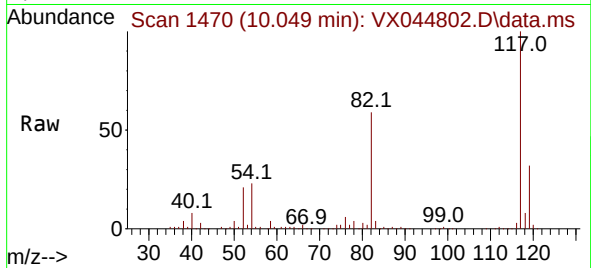
Tgt Ion: 95 Resp: 130114
Ion Ratio Lower Upper
95 100
174 71.5 0.0 133.0
176 69.4 0.0 129.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

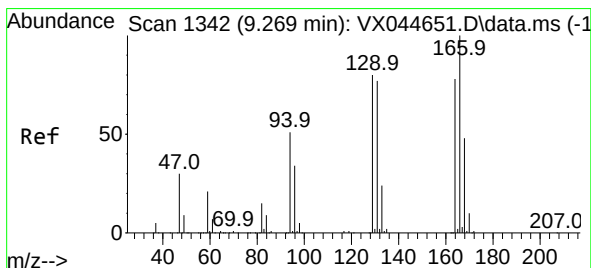
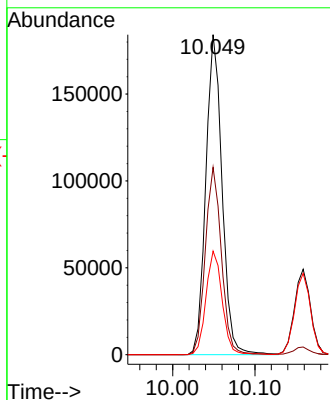
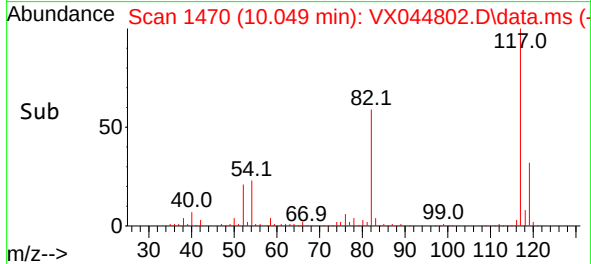
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 252415
Ion Ratio Lower Upper
117 100
82 58.6 47.6 71.4
119 32.3 25.4 38.2

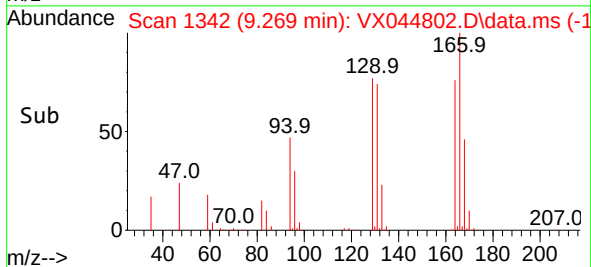
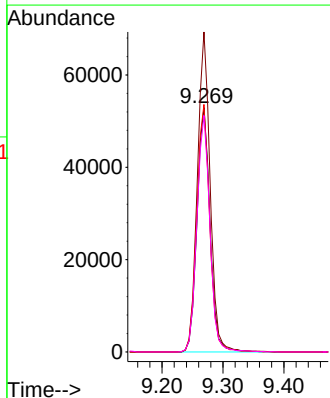
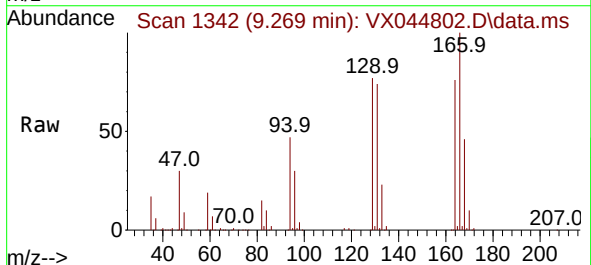
Manual Integrations
APPROVED

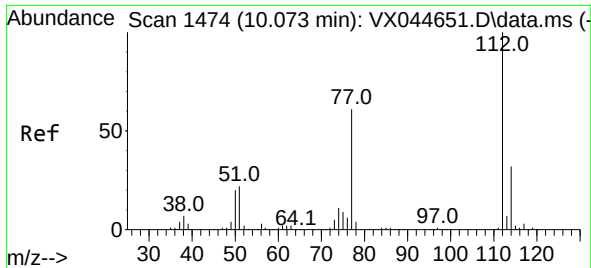
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#64
Tetrachloroethene
Concen: 49.701 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

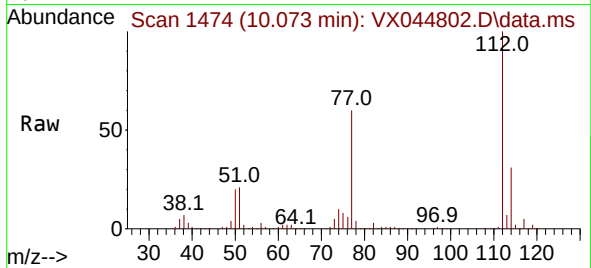
Tgt Ion:164 Resp: 78776
Ion Ratio Lower Upper
164 100
166 130.9 102.0 153.0
129 101.2 81.1 121.7
131 96.8 79.0 118.6





#65
Chlorobenzene
Concen: 51.839 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

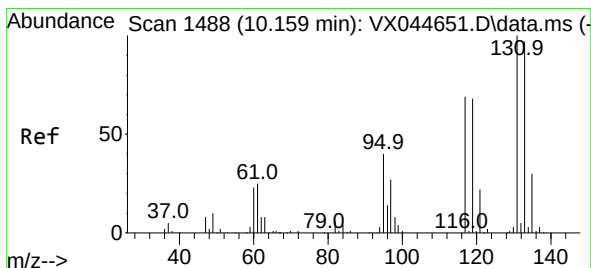
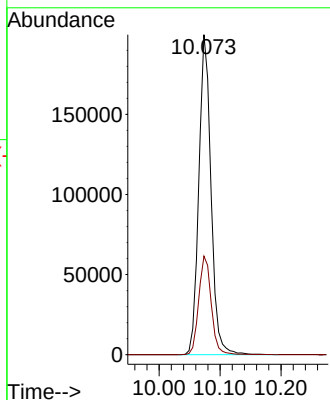
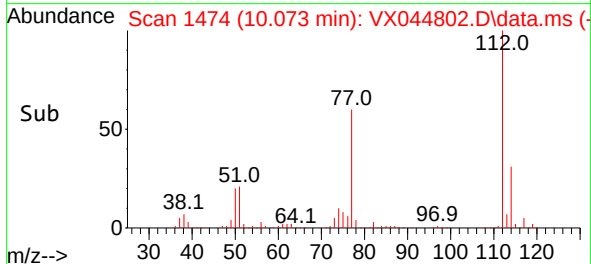
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



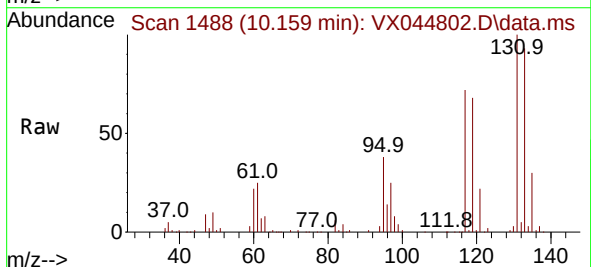
Tgt Ion:112 Resp: 277930
Ion Ratio Lower Upper
112 100
114 30.8 25.3 37.9

Manual Integrations
APPROVED

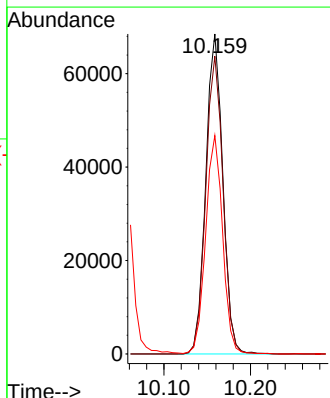
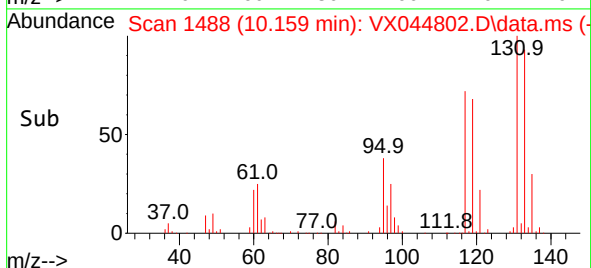
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

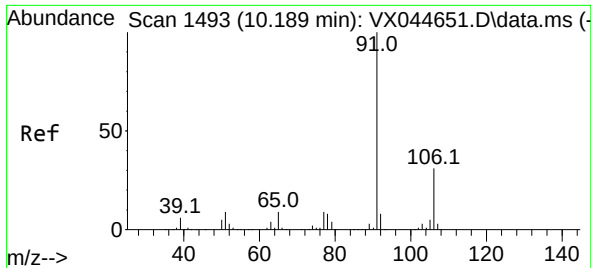


#66
1,1,1,2-Tetrachloroethane
Concen: 47.975 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52



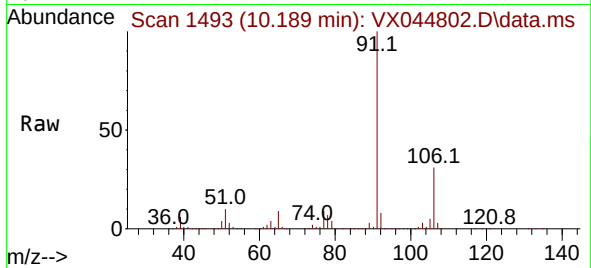
Tgt Ion:131 Resp: 93479
Ion Ratio Lower Upper
131 100
133 94.4 47.8 143.3
119 68.3 33.4 100.2





#67
Ethyl Benzene
Concen: 53.125 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

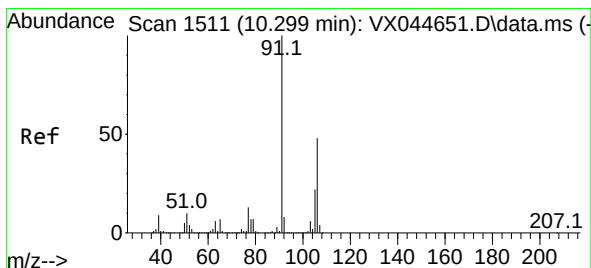
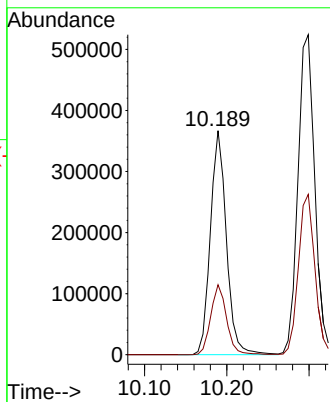
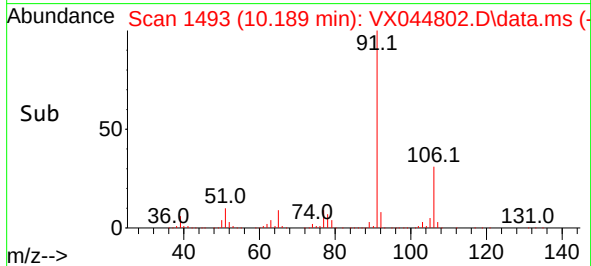
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



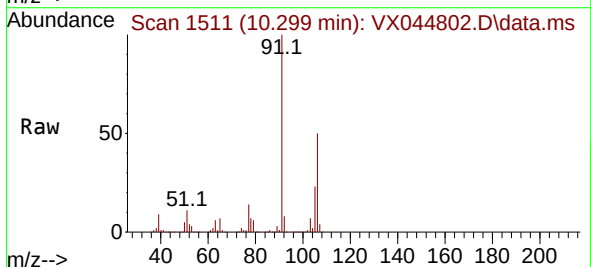
Tgt Ion: 91 Resp: 49698
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.6

Manual Integrations
APPROVED

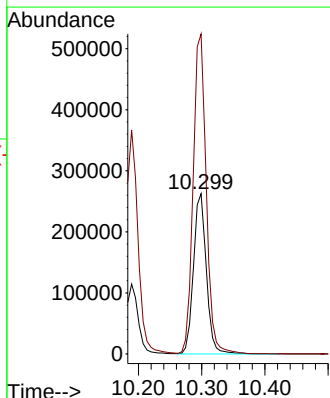
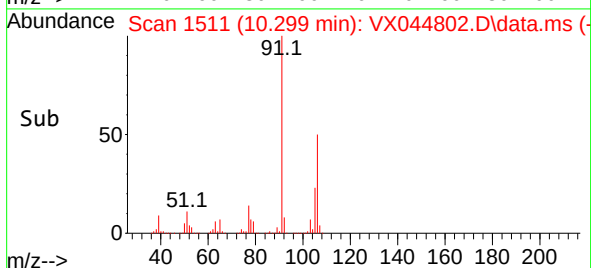
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

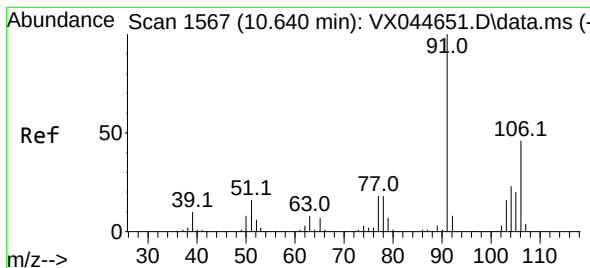


#68
m/p-Xylenes
Concen: 107.068 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52



Tgt Ion:106 Resp: 371687
Ion Ratio Lower Upper
106 100
91 203.5 166.4 249.6





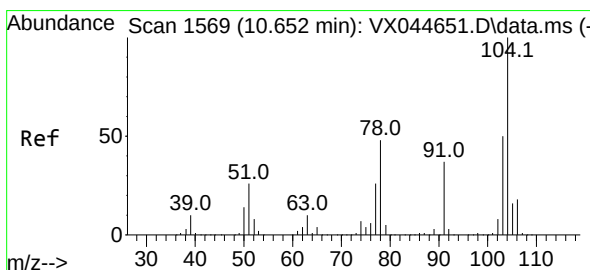
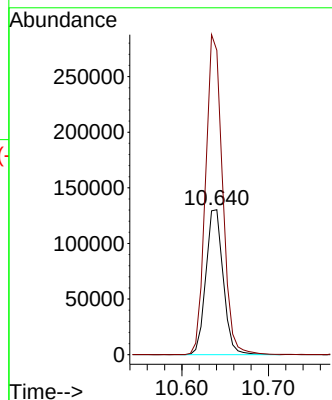
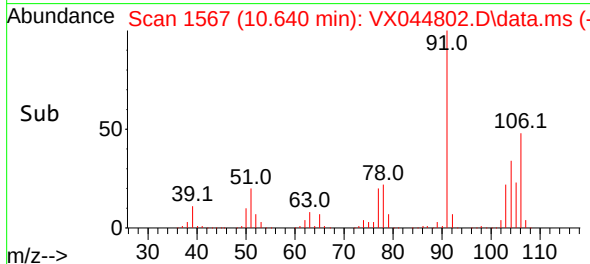
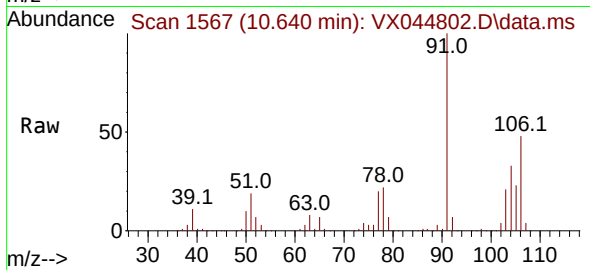
#69
o-Xylene
Concen: 51.643 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 18130
Ion Ratio Lower Upper
106 100
91 215.9 108.7 326.3

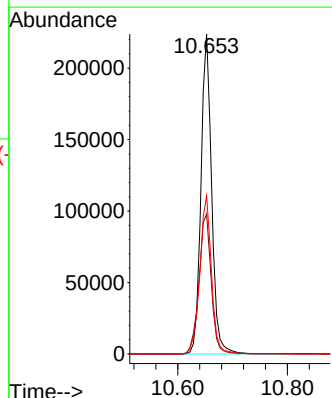
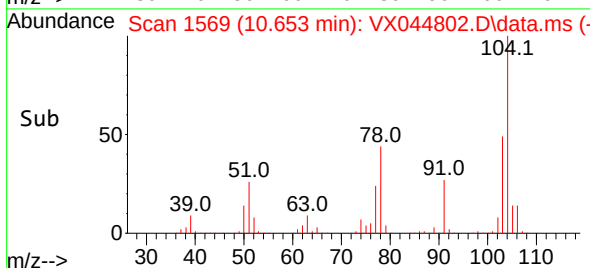
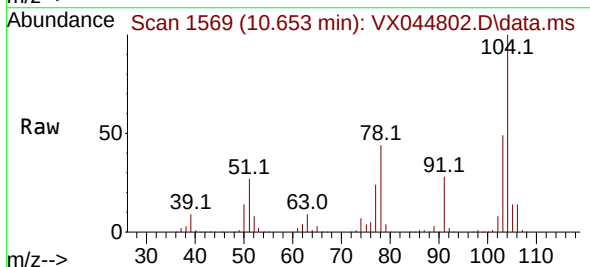
Manual Integrations
APPROVED

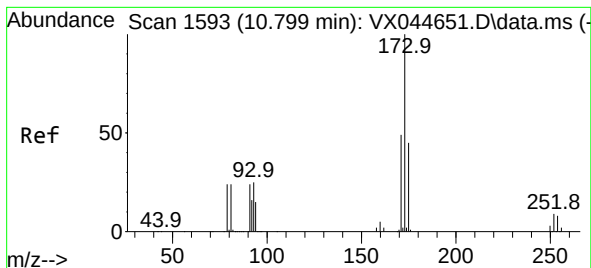
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#70
Styrene
Concen: 53.453 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

Tgt Ion:104 Resp: 302980
Ion Ratio Lower Upper
104 100
78 50.3 43.0 64.6
103 54.2 43.4 65.2





#71

Bromoform

Concen: 46.133 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044802.D

Acq: 03 Feb 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

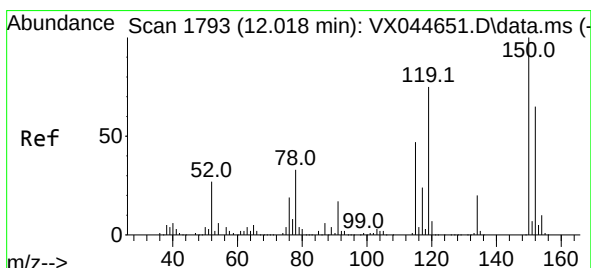
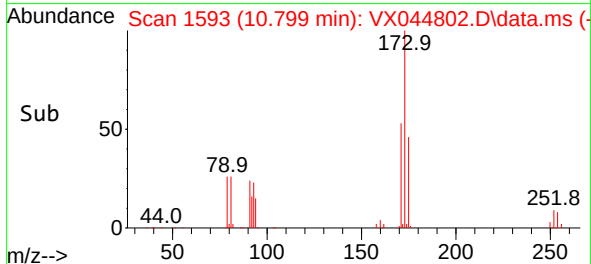
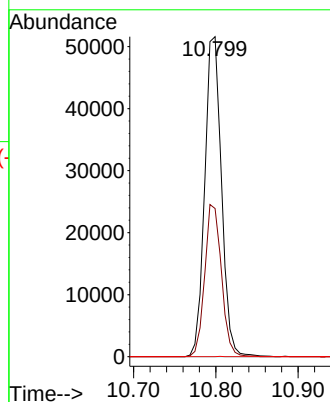
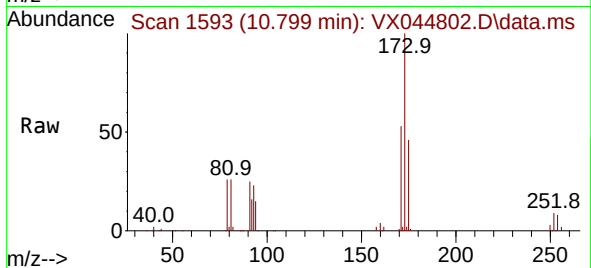
Tgt Ion:173 Resp: 7316
 Ion Ratio Lower Upper
 173 100
 175 47.3 23.6 70.8
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

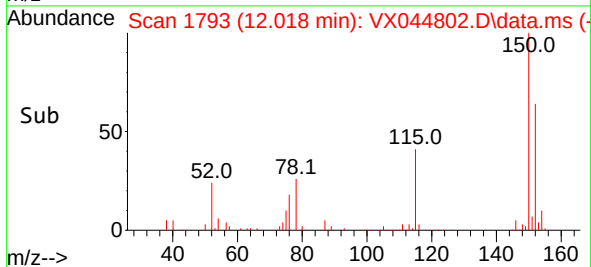
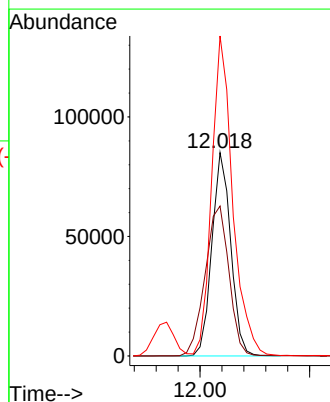
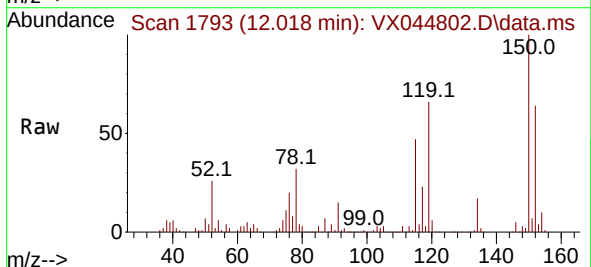
RT: 12.018 min Scan# 1793

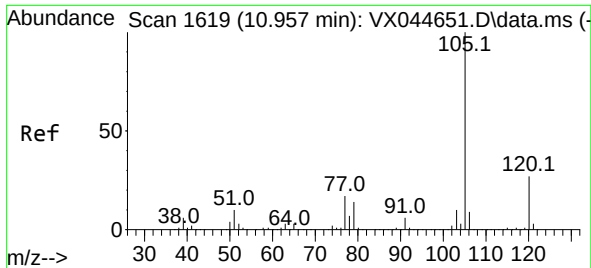
Delta R.T. 0.000 min

Lab File: VX044802.D

Acq: 03 Feb 2025 09:52

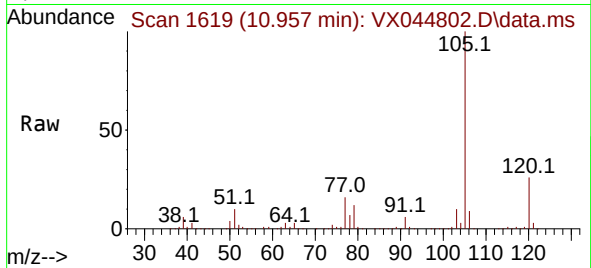
Tgt Ion:152 Resp: 101849
 Ion Ratio Lower Upper
 152 100
 115 93.5 43.8 131.4
 150 174.1 0.0 347.8





#73
Isopropylbenzene
Concen: 55.630 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

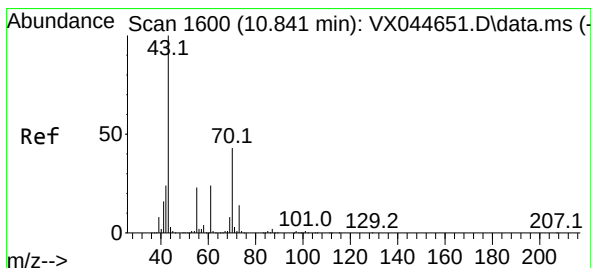
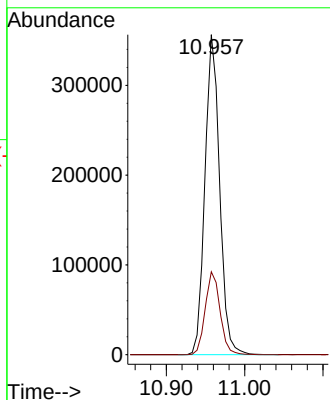
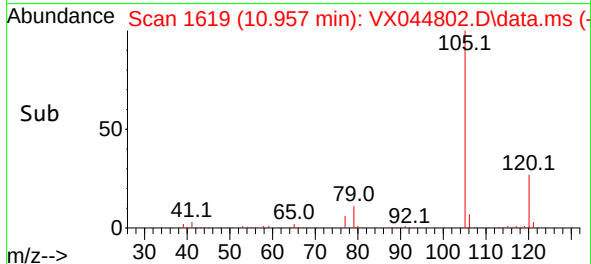
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



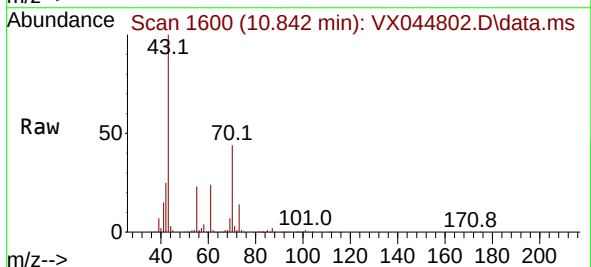
Tgt Ion:105 Resp: 462864
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.6

Manual Integrations
APPROVED

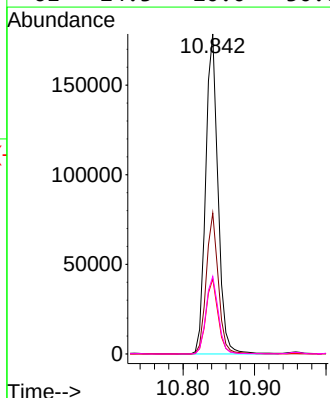
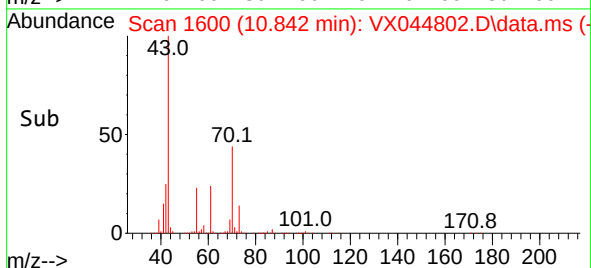
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

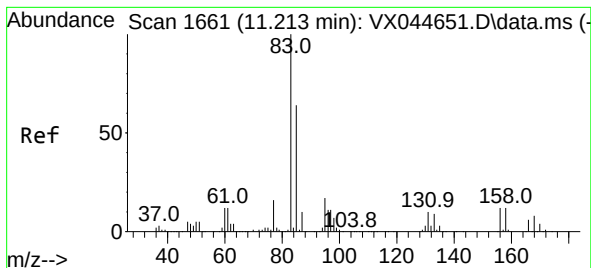


#74
N-ethyl acetate
Concen: 52.255 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52



Tgt Ion: 43 Resp: 214304
Ion Ratio Lower Upper
43 100
70 43.0 35.2 52.8
55 23.1 19.0 28.4
61 24.3 20.0 30.0





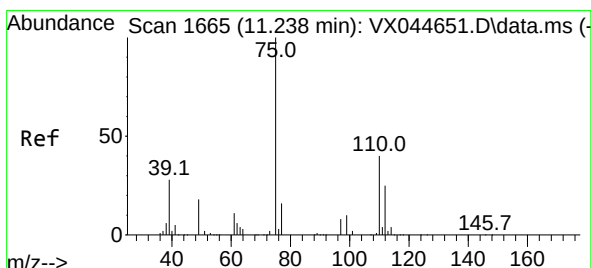
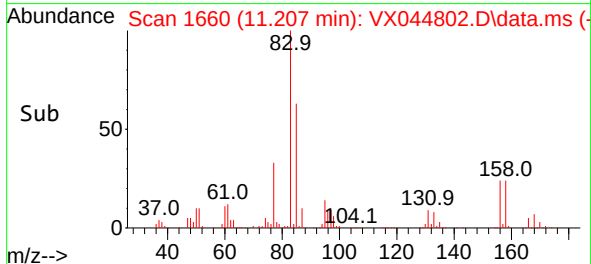
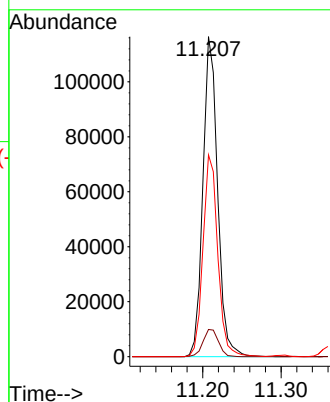
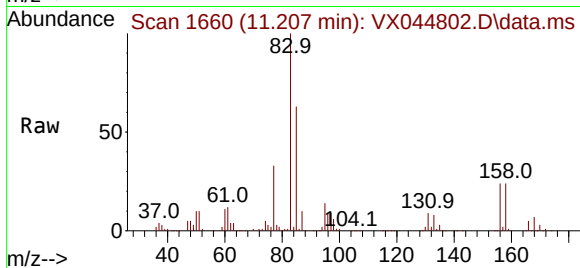
#75
1,1,2,2-Tetrachloroethane
Concen: 52.692 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 151410
Ion Ratio Lower Upper
83 100
131 9.0 5.0 14.9
85 63.5 32.0 96.2

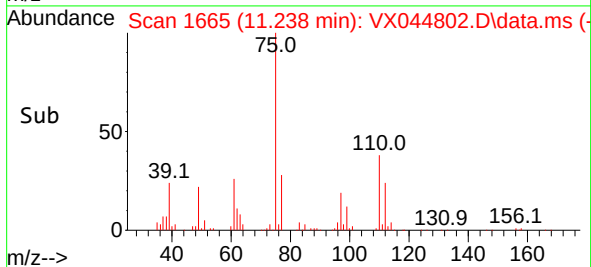
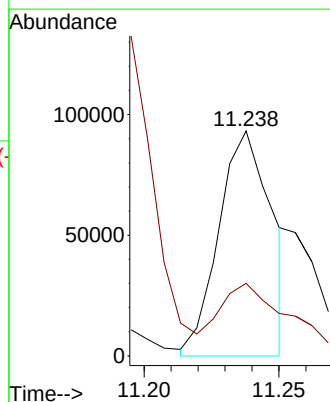
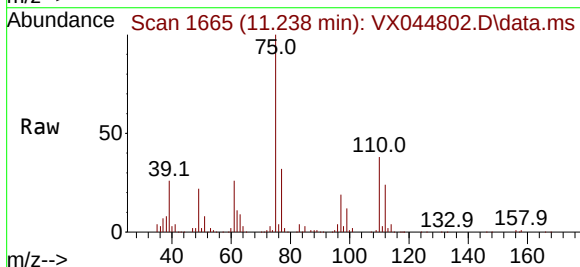
Manual Integrations
APPROVED

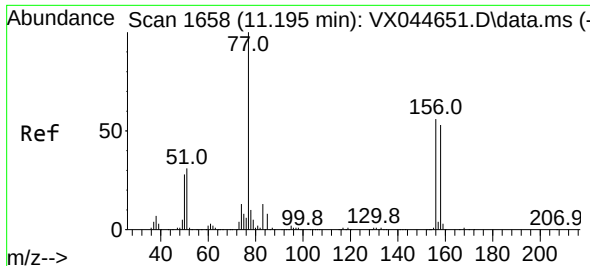
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#76
1,2,3-Trichloropropane
Concen: 51.297 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

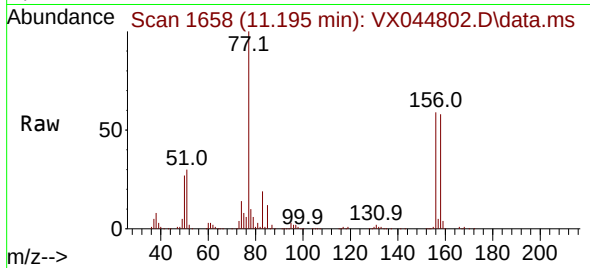
Tgt Ion: 75 Resp: 126793
Ion Ratio Lower Upper
75 100
77 42.9 23.4 70.2





#77
Bromobenzene
Concen: 53.164 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

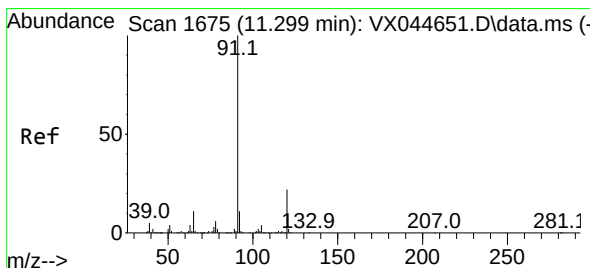
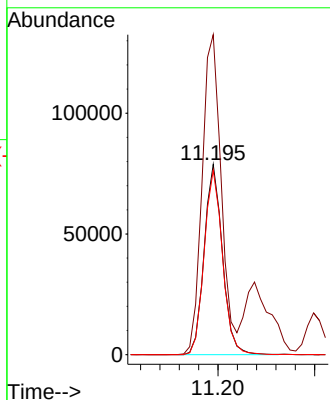
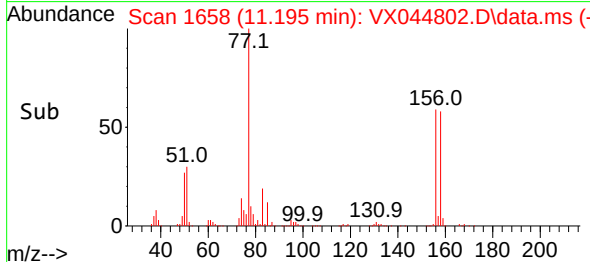
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



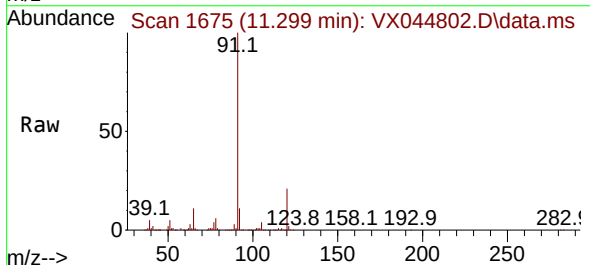
Tgt Ion:156 Resp: 103391
Ion Ratio Lower Upper
156 100
77 176.5 90.3 271.0
158 97.8 48.4 145.3

Manual Integrations
APPROVED

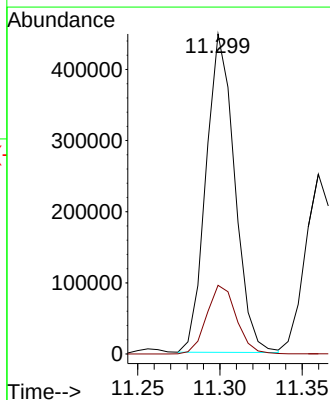
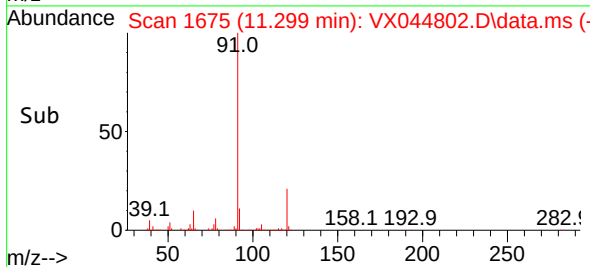
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

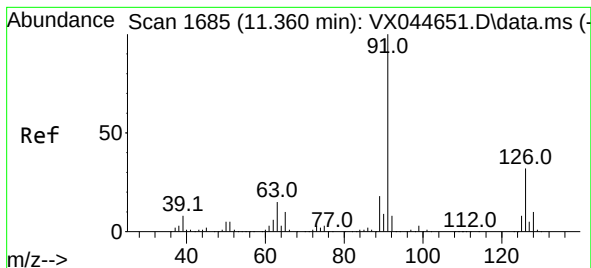


#78
n-propylbenzene
Concen: 59.244 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52



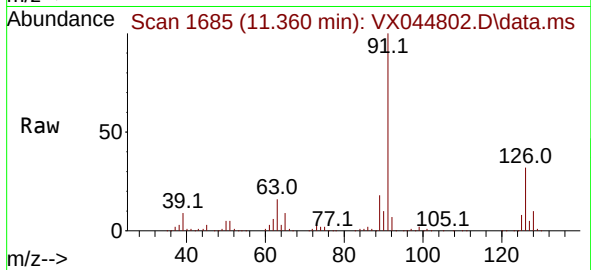
Tgt Ion: 91 Resp: 543610
Ion Ratio Lower Upper
91 100
120 22.3 11.4 34.1





#79
2-Chlorotoluene
Concen: 53.730 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

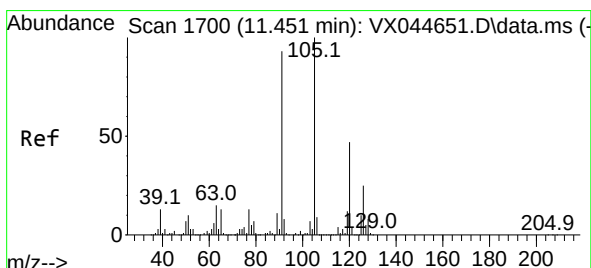
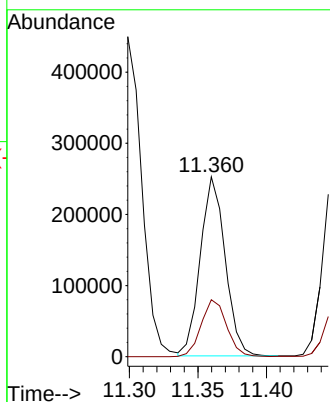
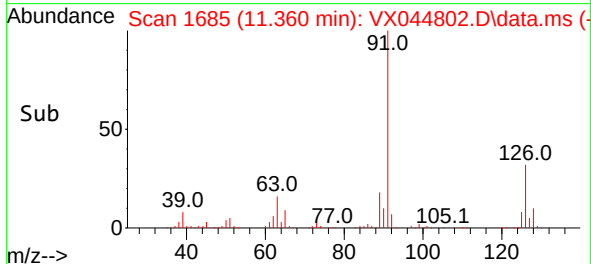
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



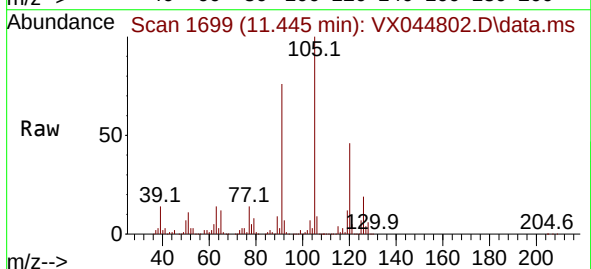
Tgt Ion: 91 Resp: 318475
Ion Ratio Lower Upper
91 100
126 32.7 16.2 48.5

Manual Integrations
APPROVED

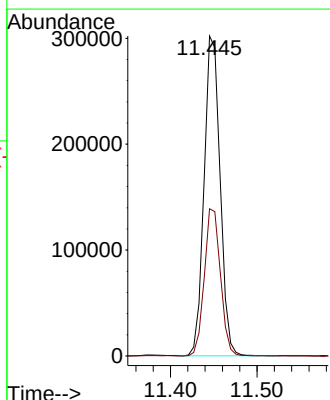
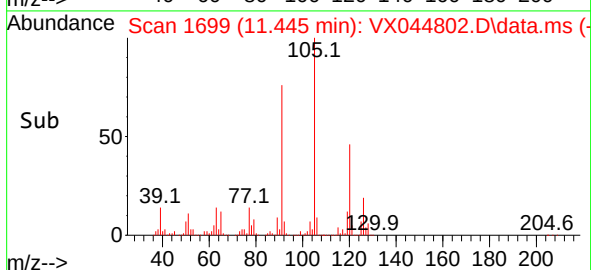
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

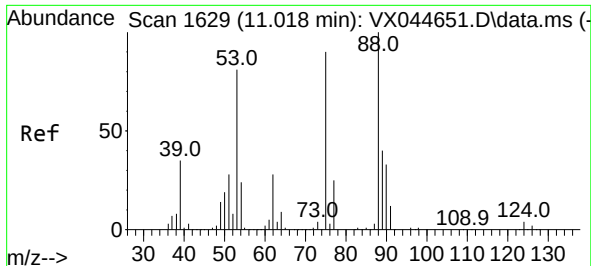


#80
1,3,5-Trimethylbenzene
Concen: 57.296 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52



Tgt Ion:105 Resp: 388082
Ion Ratio Lower Upper
105 100
120 46.4 23.7 71.1





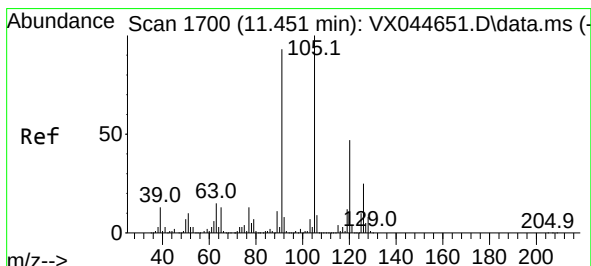
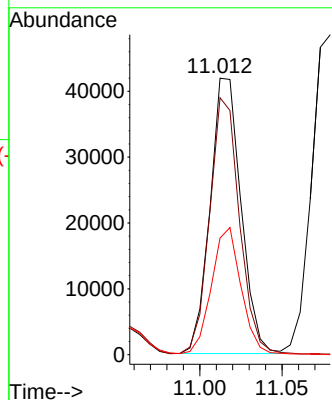
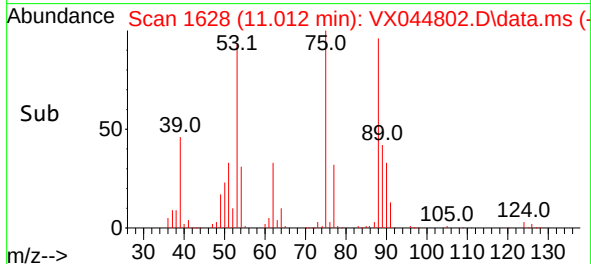
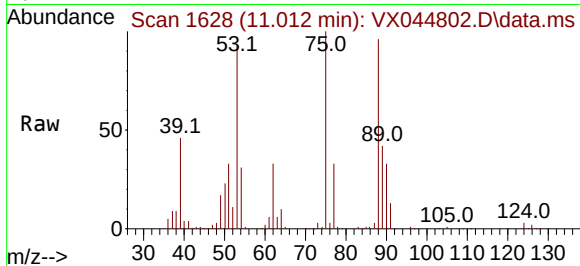
#81
trans-1,4-Dichloro-2-butene
Concen: 50.591 ug/l
RT: 11.012 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 5468
Ion Ratio Lower Upper
75 100
53 89.9 74.3 111.5
89 44.7 37.4 56.0

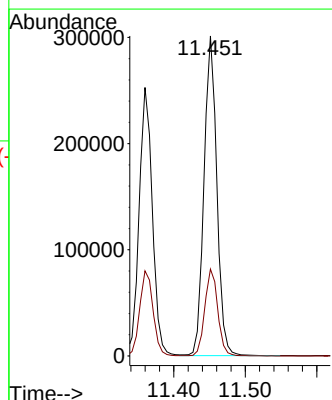
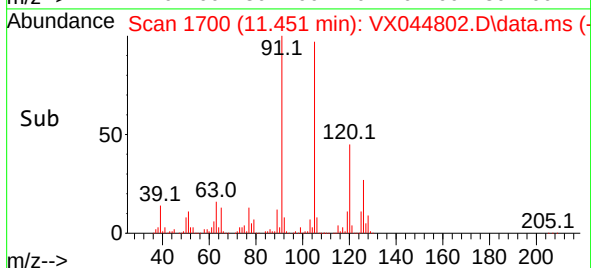
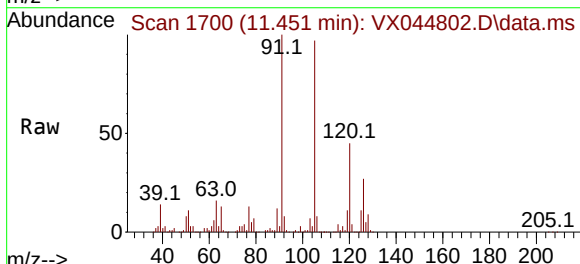
Manual Integrations
APPROVED

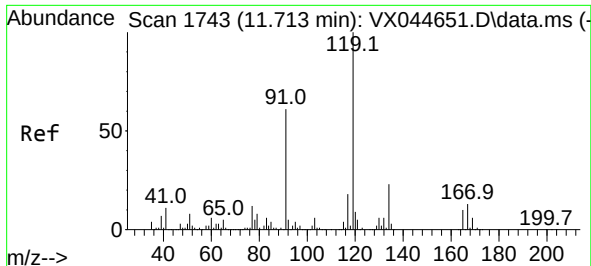
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#82
4-Chlorotoluene
Concen: 57.791 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

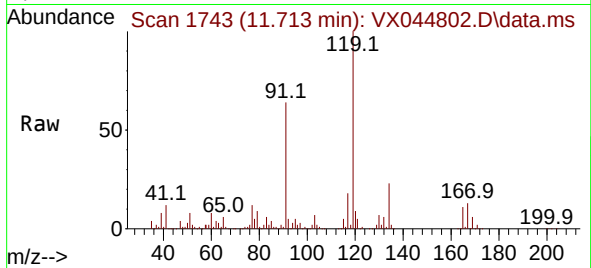
Tgt Ion: 91 Resp: 375241
Ion Ratio Lower Upper
91 100
126 27.5 13.9 41.7





#83
tert-Butylbenzene
Concen: 50.199 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

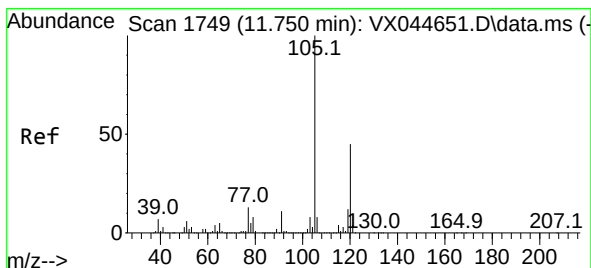
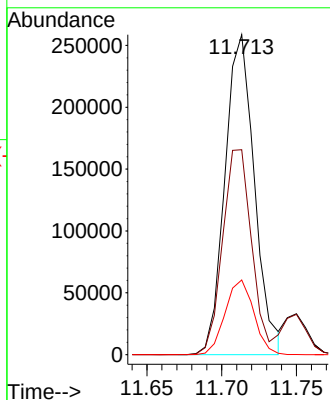
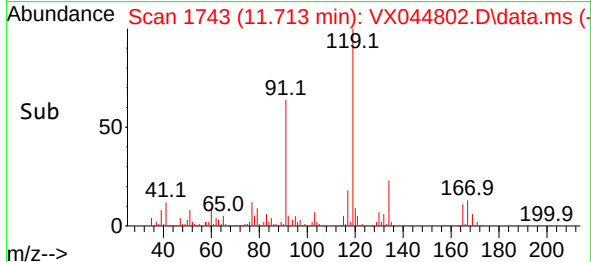
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



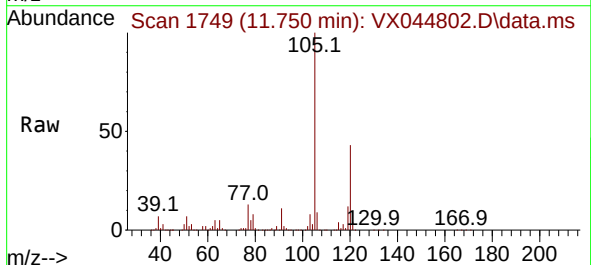
Tgt Ion:119 Resp: 355529
Ion Ratio Lower Upper
119 100
91 62.7 30.0 90.0
134 22.7 11.2 33.5

Manual Integrations
APPROVED

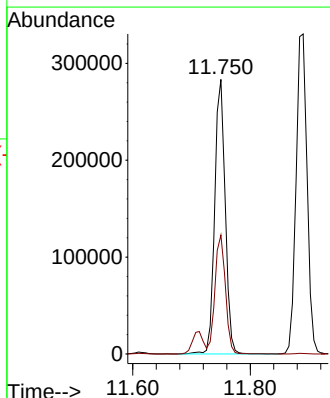
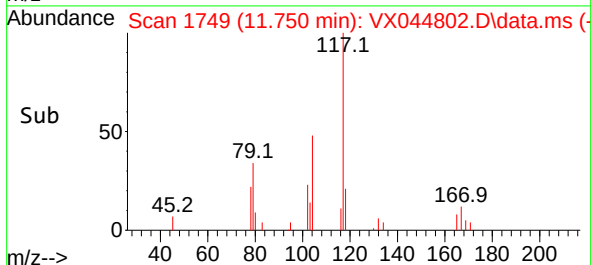
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

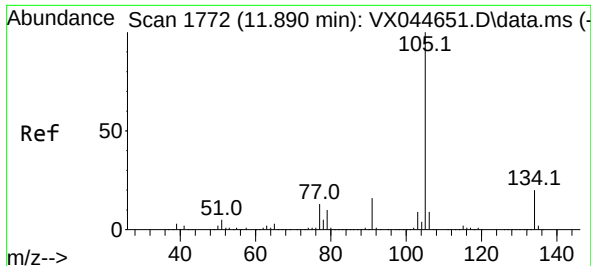


#84
1,2,4-Trimethylbenzene
Concen: 51.077 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52



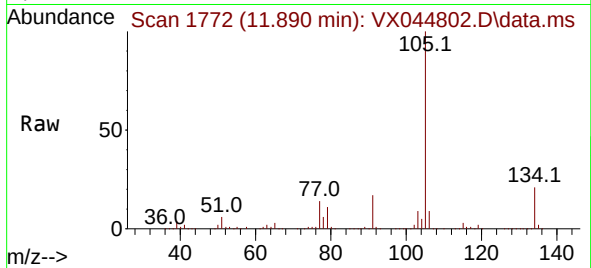
Tgt Ion:105 Resp: 351562
Ion Ratio Lower Upper
105 100
120 43.2 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 52.148 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX044802.D
 Acq: 03 Feb 2025 09:52

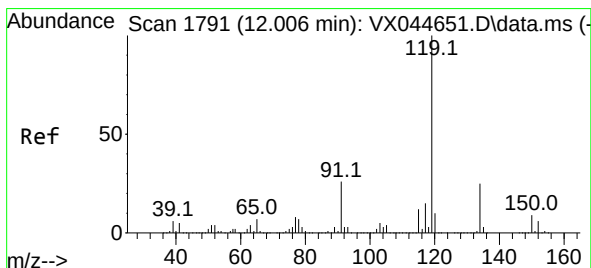
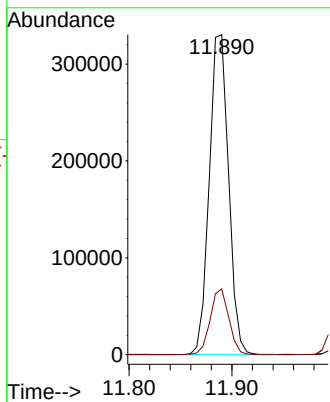
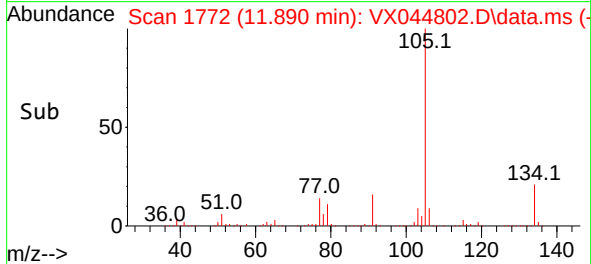
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



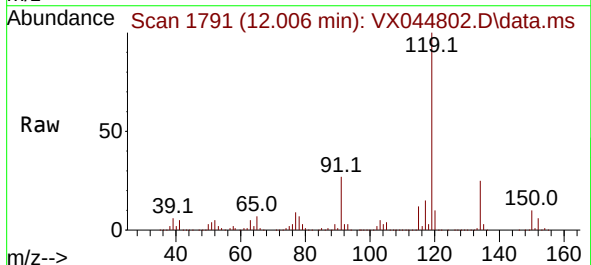
Tgt Ion:105 Resp: 430021
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.5

Manual Integrations
 APPROVED

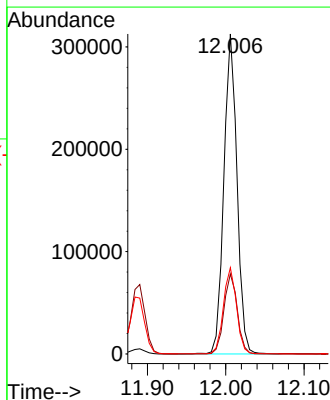
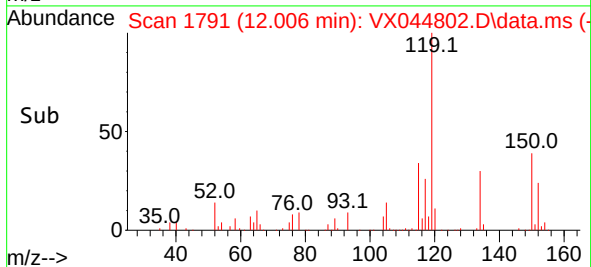
Reviewed By :John Carlone 02/04/2025
 Supervised By :Mahesh Dadoda 02/04/2025

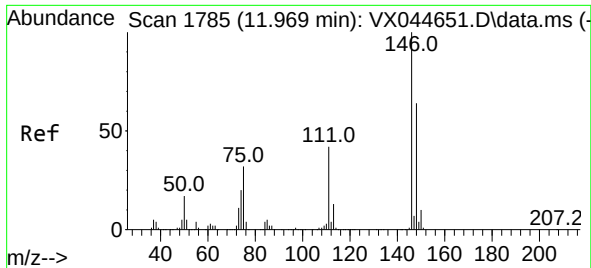


#86
 p-Isopropyltoluene
 Concen: 53.781 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX044802.D
 Acq: 03 Feb 2025 09:52



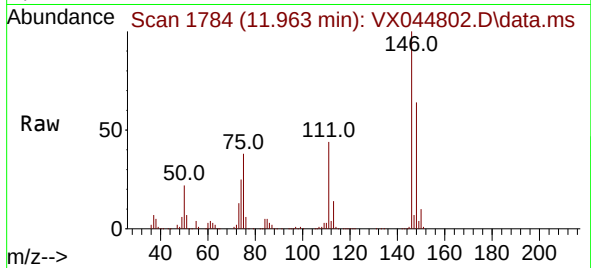
Tgt Ion:119 Resp: 364463
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.4
 91 27.0 12.7 38.1





#87
1,3-Dichlorobenzene
Concen: 53.304 ug/l
RT: 11.963 min Scan# 1785
Delta R.T. -0.006 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

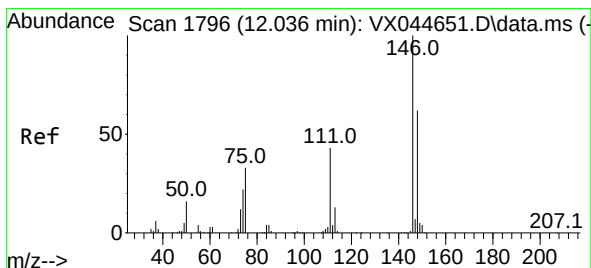
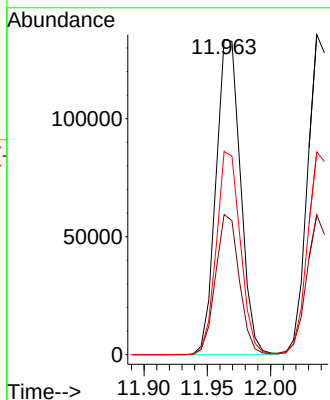
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 179777
Ion Ratio Lower Upper
146 100
111 43.2 21.9 65.7
148 63.2 31.8 95.4

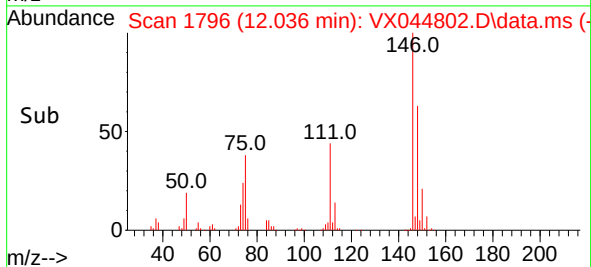
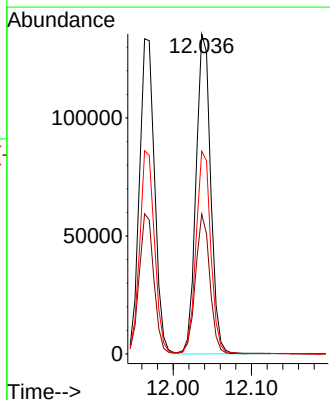
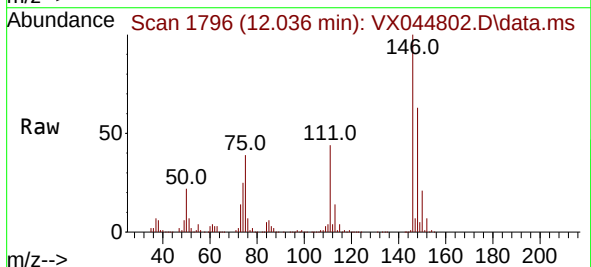
Manual Integrations
APPROVED

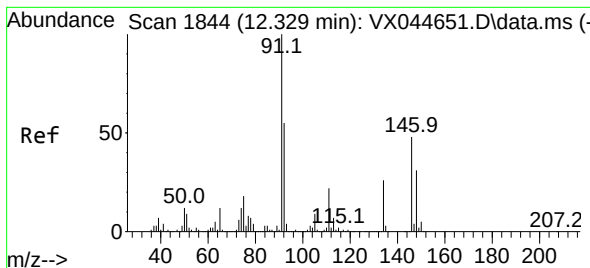
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#88
1,4-Dichlorobenzene
Concen: 51.704 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

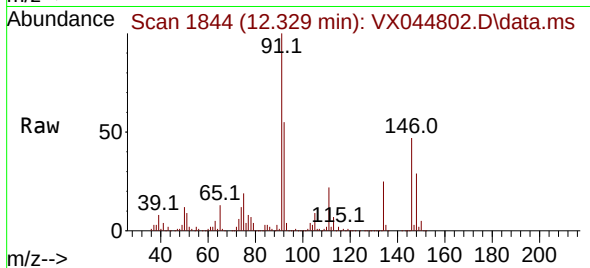
Tgt Ion:146 Resp: 176282
Ion Ratio Lower Upper
146 100
111 43.0 21.5 64.5
148 63.7 32.1 96.5





#89
n-Butylbenzene
Concen: 58.741 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

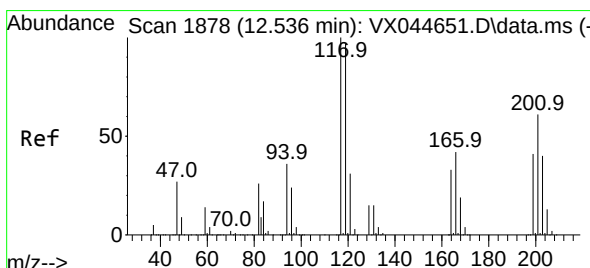
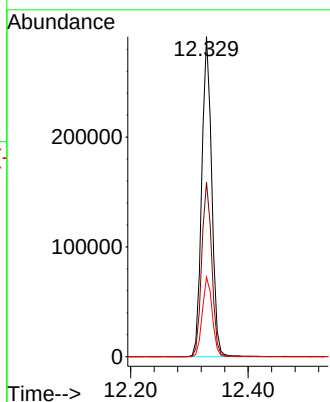
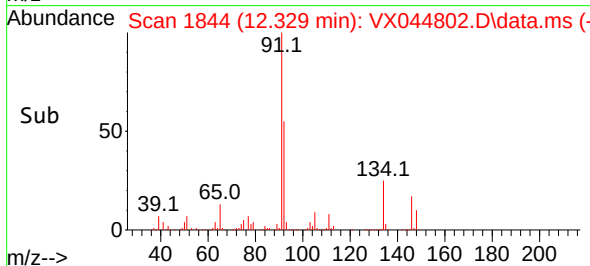
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 34190
Ion Ratio Lower Upper
91 100
92 55.0 27.4 82.0
134 24.8 12.8 38.3

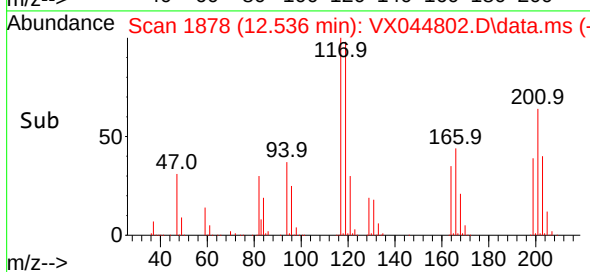
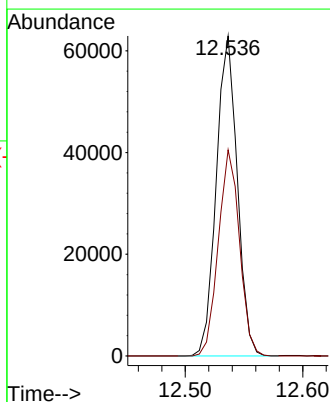
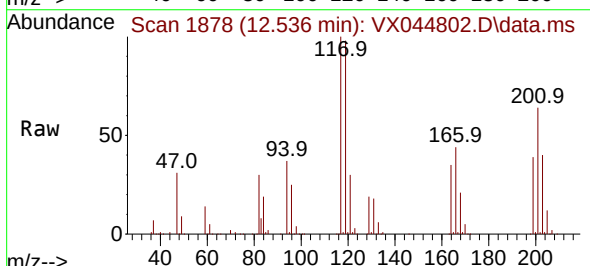
Manual Integrations
APPROVED

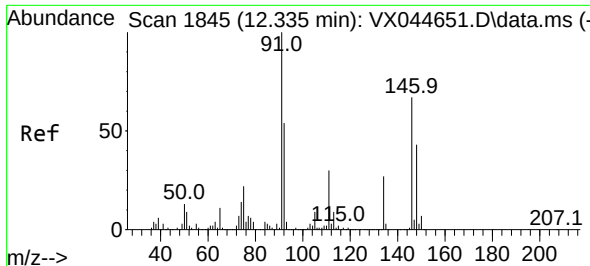
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#90
Hexachloroethane
Concen: 50.955 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

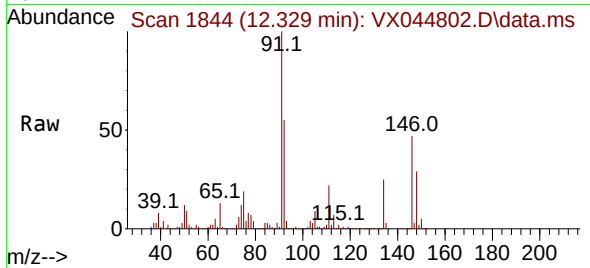
Tgt Ion:117 Resp: 78195
Ion Ratio Lower Upper
117 100
201 64.9 32.3 96.8





#91
1,2-Dichlorobenzene
Concen: 52.880 ug/l
RT: 12.329 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

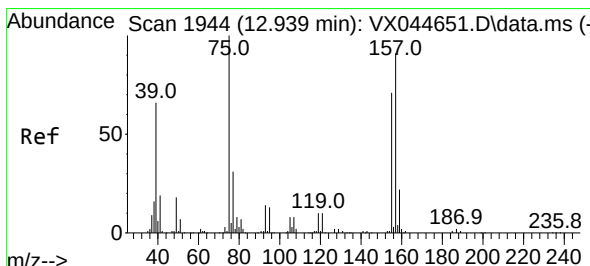
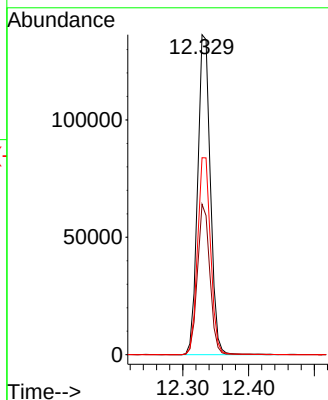
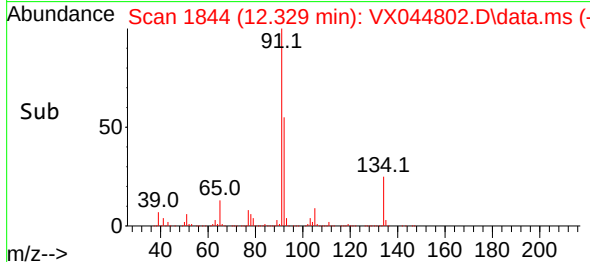
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 18315
Ion Ratio Lower Upper
146 100
111 45.7 22.4 67.2
148 63.1 31.6 94.8

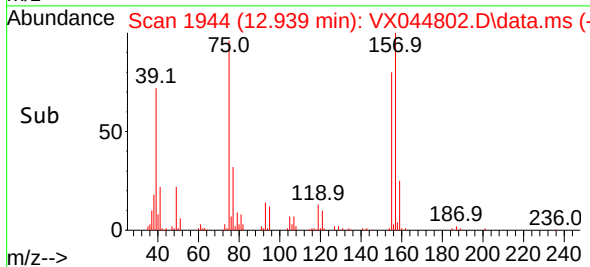
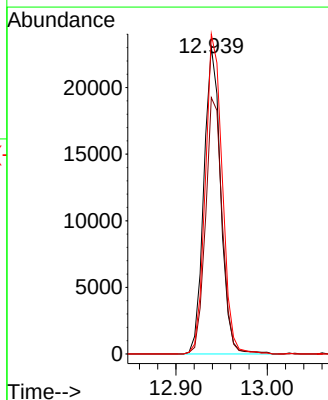
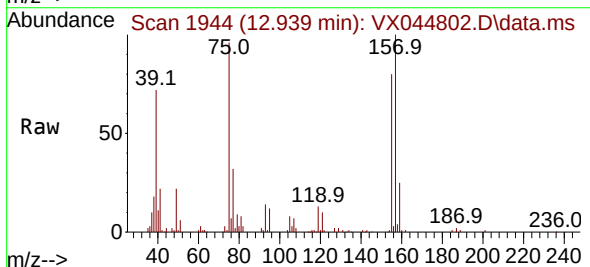
Manual Integrations
APPROVED

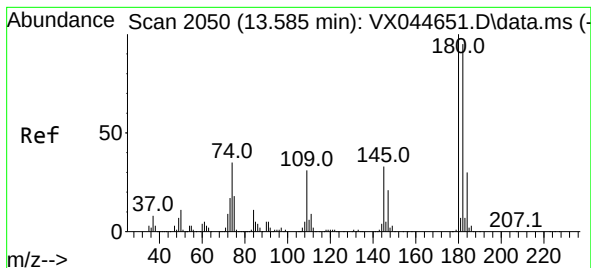
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.712 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

Tgt Ion: 75 Resp: 29314
Ion Ratio Lower Upper
75 100
155 83.1 39.0 116.9
157 105.1 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 58.139 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044802.D

Acq: 03 Feb 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 12038

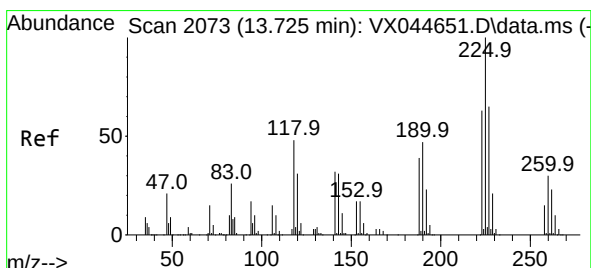
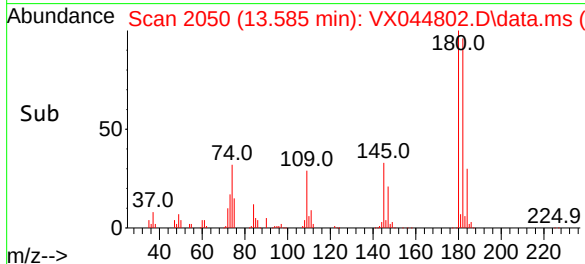
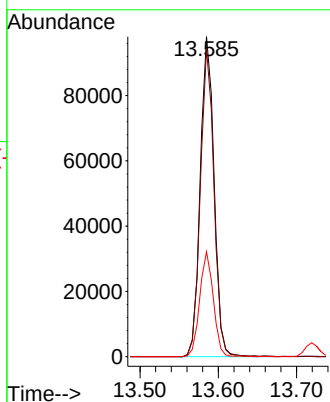
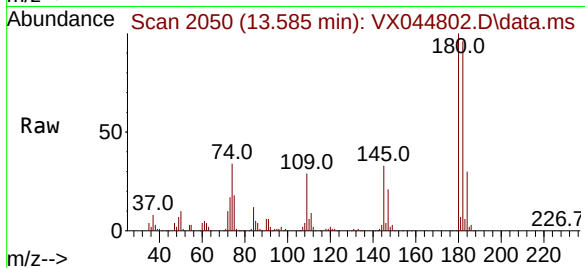
Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.4	142.2
145	32.2	16.7	50.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#94

Hexachlorobutadiene

Concen: 57.977 ug/l

RT: 13.719 min Scan# 2072

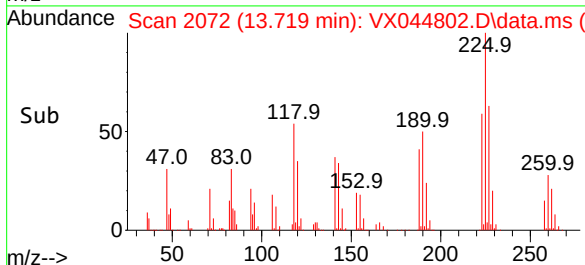
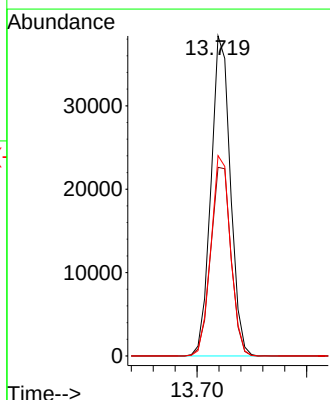
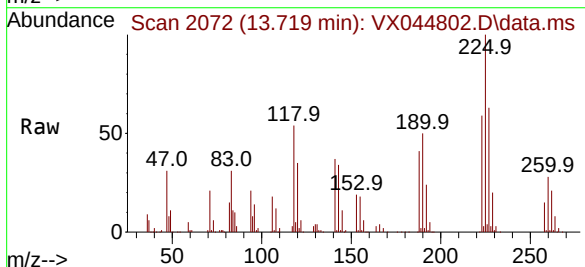
Delta R.T. -0.006 min

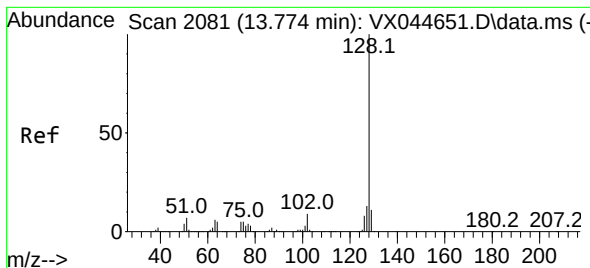
Lab File: VX044802.D

Acq: 03 Feb 2025 09:52

Tgt Ion:225 Resp: 47155

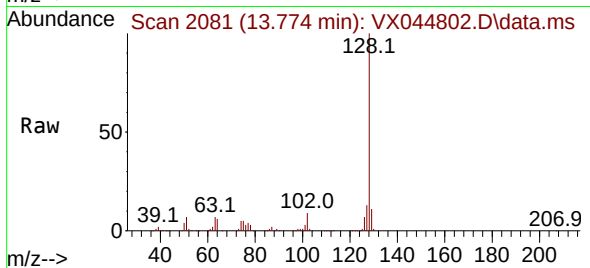
Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.9	95.7
227	63.2	31.8	95.4





#95
Naphthalene
Concen: 54.557 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52

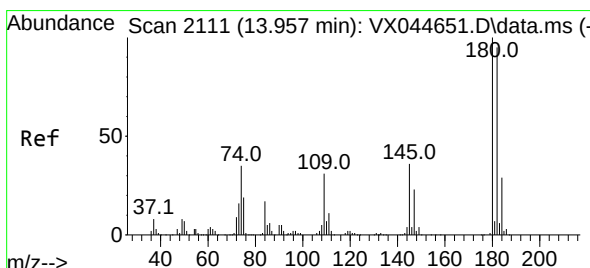
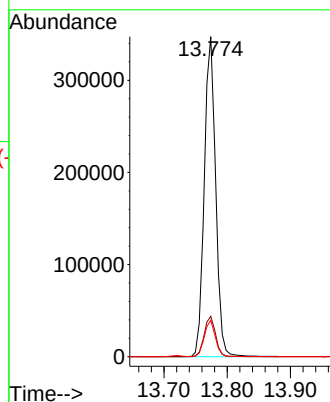
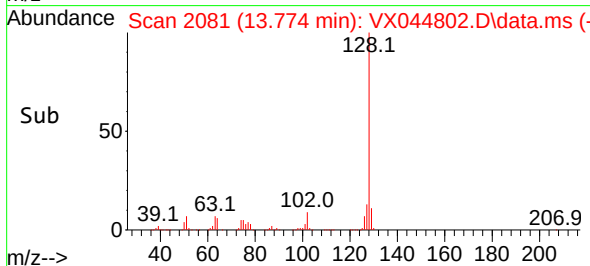
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



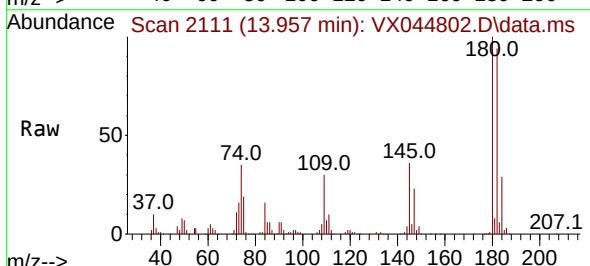
Tgt Ion:128 Resp: 435692
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#96
1,2,3-Trichlorobenzene
Concen: 55.837 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044802.D
Acq: 03 Feb 2025 09:52



Tgt Ion:180 Resp: 119840
Ion Ratio Lower Upper
180 100
182 94.3 47.2 141.6
145 34.7 17.5 52.6

