

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031025\
 Data File : VX045183.D
 Acq On : 10 Mar 2025 10:06
 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 03/11/2025
 Supervised By : Mahesh Dadoda 03/11/2025

Quant Time: Mar 11 03:49:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	120068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	201201	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	175591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	77718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	87615	45.875	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.760%		
35) Dibromofluoromethane	5.379	113	69391	51.577	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.160%		
50) Toluene-d8	8.641	98	247275	50.697	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.400%		
62) 4-Bromofluorobenzene	11.079	95	85749	53.054	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	106.100%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	76818	50.827	ug/l	94
3) Chloromethane	1.307	50	83938	45.382	ug/l	96
4) Vinyl Chloride	1.374	62	83429	45.470	ug/l	99
5) Bromomethane	1.593	94	34226	47.451	ug/l	98
6) Chloroethane	1.666	64	42535	50.258	ug/l	98
7) Trichlorofluoromethane	1.874	101	119753	49.302	ug/l	96
8) Diethyl Ether	2.130	74	41193	43.358	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	73749	52.848	ug/l	98
10) Methyl Iodide	2.441	142	86895	49.827	ug/l	98
11) Tert butyl alcohol	2.977	59	65463	180.958	ug/l	98
12) 1,1-Dichloroethene	2.307	96	70442	47.745	ug/l	97
13) Acrolein	2.233	56	87771	209.887	ug/l	99
14) Allyl chloride	2.654	41	131254	49.978	ug/l	97
15) Acrylonitrile	3.062	53	225967	233.063	ug/l	99
16) Acetone	2.386	43	202013	227.976	ug/l	100
17) Carbon Disulfide	2.502	76	184260	46.890	ug/l	98
18) Methyl Acetate	2.703	43	107373	50.370	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	237614	48.004	ug/l	98
20) Methylene Chloride	2.782	84	80927	46.105	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	70577	48.421	ug/l	99
22) Diisopropyl ether	3.757	45	258893	48.472	ug/l	96
23) Vinyl Acetate	3.715	43	1105475	248.018	ug/l	100
24) 1,1-Dichloroethane	3.599	63	141147	47.153	ug/l	100
25) 2-Butanone	4.556	43	307413	230.475	ug/l	99
26) 2,2-Dichloropropane	4.465	77	107346	76.455	ug/l	96
27) cis-1,2-Dichloroethene	4.477	96	85594	47.570	ug/l	95
28) Bromochloromethane	4.891	49	67994	47.656	ug/l	100
29) Tetrahydrofuran	5.001	42	195295	218.029	ug/l	100
30) Chloroform	5.080	83	137670	46.287	ug/l	100
31) Cyclohexane	5.458	56	125667	48.363	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	117363	48.857	ug/l	99
36) 1,1-Dichloropropene	5.684	75	93569	50.714	ug/l	99
37) Ethyl Acetate	4.709	43	115384	48.532	ug/l	99
38) Carbon Tetrachloride	5.666	117	98310	52.483	ug/l	96
39) Methylcyclohexane	7.373	83	125387	56.716	ug/l	99
40) Benzene	6.025	78	292214	50.155	ug/l	100

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	66579	51.791	ug/l	99
42) 1,2-Dichloroethane	6.080	62	105041	50.066	ug/l	100
43) Isopropyl Acetate	6.336	43	184950	52.608	ug/l	100
44) Trichloroethene	7.117	130	67819	49.573	ug/l	96
45) 1,2-Dichloropropane	7.421	63	75705	50.538	ug/l	97
46) Dibromomethane	7.574	93	54188	51.179	ug/l	98
47) Bromodichloromethane	7.818	83	108406	52.199	ug/l	100
48) Methyl methacrylate	7.690	41	89906	50.975	ug/l	98
49) 1,4-Dioxane	7.659	88	31109	836.168	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	589180	249.597	ug/l	100
52) Toluene	8.714	92	176101	51.516	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	102467	59.017	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	115256	56.928	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	69076	49.085	ug/l	97
56) Ethyl methacrylate	9.116	69	115354	53.926	ug/l	100
57) 1,3-Dichloropropane	9.305	76	119199	48.945	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	289282	277.227	ug/l	100
59) 2-Hexanone	9.427	43	423044	247.351	ug/l	100
60) Dibromochloromethane	9.519	129	79393	53.957	ug/l	98
61) 1,2-Dibromoethane	9.604	107	71462	50.868	ug/l	99
64) Tetrachloroethene	9.269	164	58211	51.762	ug/l	92
65) Chlorobenzene	10.073	112	191302	51.488	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	63118	51.011	ug/l	99
67) Ethyl Benzene	10.189	91	339985	52.516	ug/l	99
68) m/p-Xylenes	10.299	106	249065	105.093	ug/l	98
69) o-Xylene	10.640	106	121971	51.028	ug/l	98
70) Styrene	10.653	104	205472	53.127	ug/l	100
71) Bromoform	10.799	173	51727	55.438	ug/l #	98
73) Isopropylbenzene	10.957	105	320616	52.853	ug/l	99
74) N-amyl acetate	10.842	43	151990	53.397	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	106372	47.785	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	88324m	48.828	ug/l	
77) Bromobenzene	11.195	156	73209	51.150	ug/l	99
78) n-propylbenzene	11.299	91	375437	54.788	ug/l	99
79) 2-Chlorotoluene	11.360	91	220488	50.523	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	260502	53.110	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	32105	60.738	ug/l	99
82) 4-Chlorotoluene	11.451	91	250938	52.759	ug/l	100
83) tert-Butylbenzene	11.713	119	264070	52.398	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	259958	52.673	ug/l	100
85) sec-Butylbenzene	11.890	105	333580	55.257	ug/l	100
86) p-Isopropyltoluene	12.006	119	272285	55.812	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	132399	51.855	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	130377	50.472	ug/l	98
89) n-Butylbenzene	12.329	91	249102	59.284	ug/l	100
90) Hexachloroethane	12.536	117	48824	55.329	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	128496	50.169	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21710	50.061	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	80625	55.282	ug/l	99
94) Hexachlorobutadiene	13.725	225	34023	56.902	ug/l	99
95) Naphthalene	13.774	128	286647	51.156	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	82943	53.910	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

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

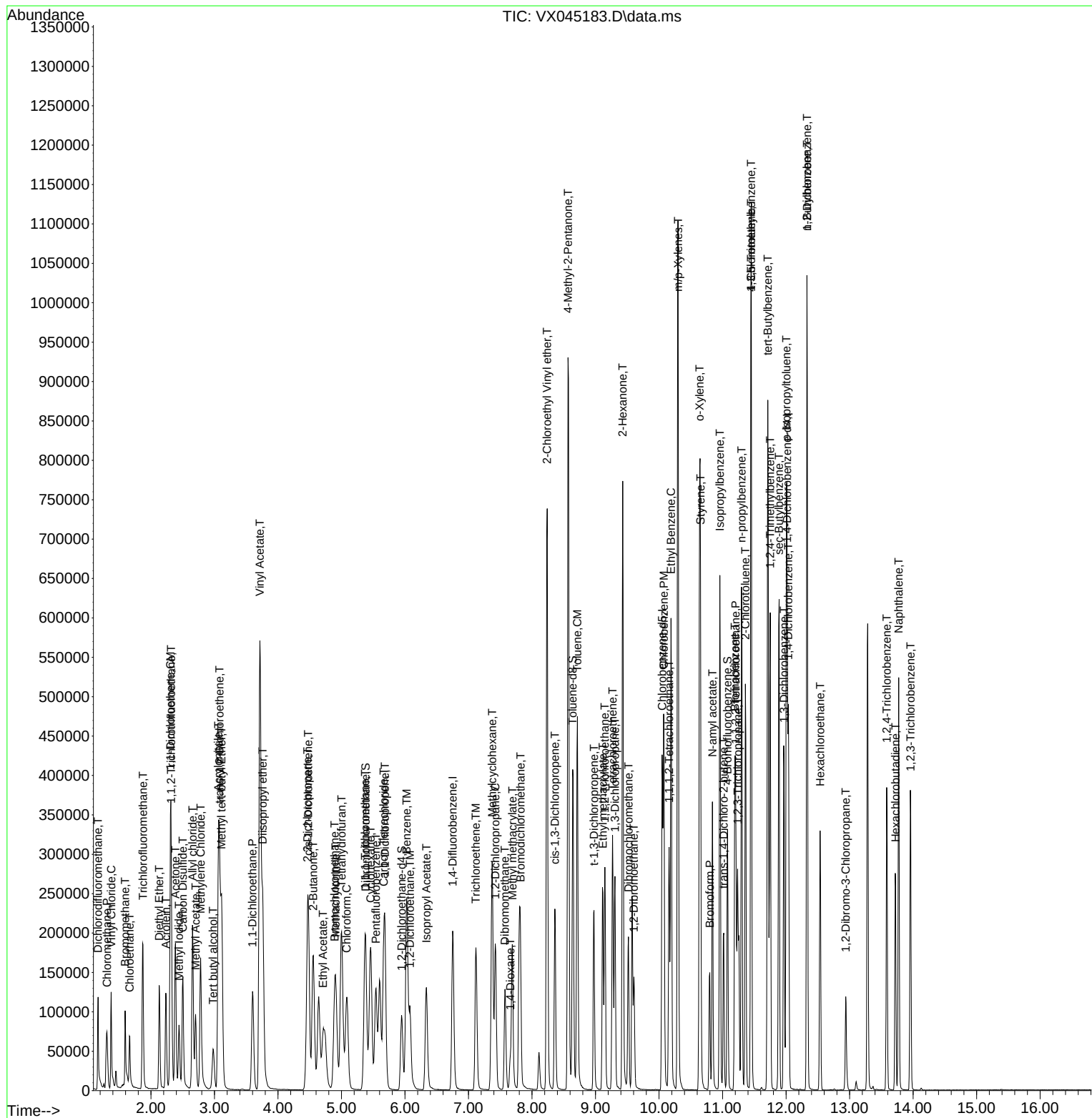
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031025\
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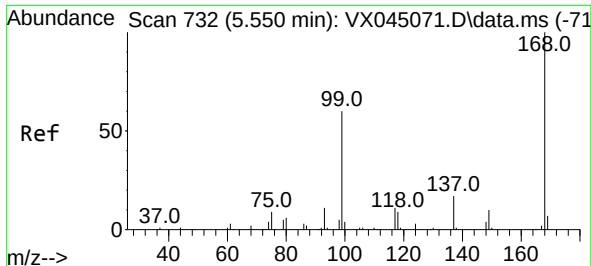
Instrument :
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 ClientSampleId :
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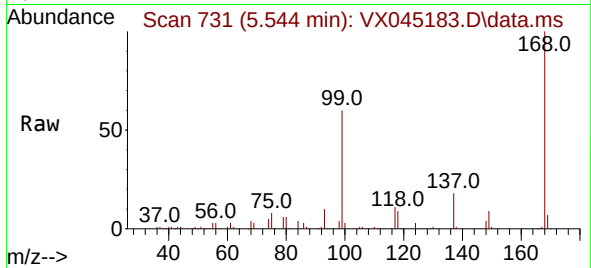
Reviewed By : John Carlone 03/11/2025
 Supervised By : Mahesh Dadoda 03/11/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

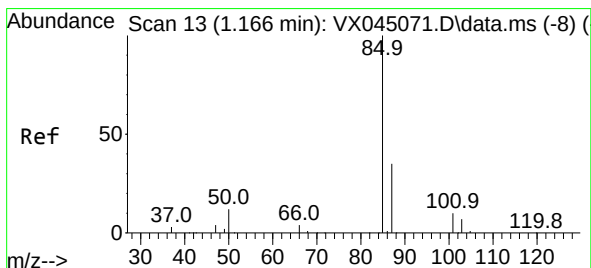
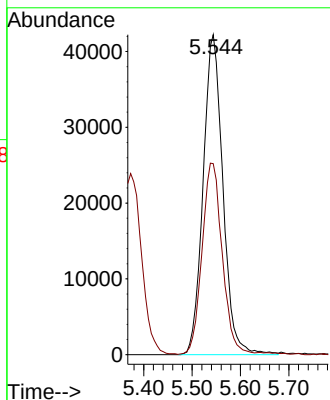
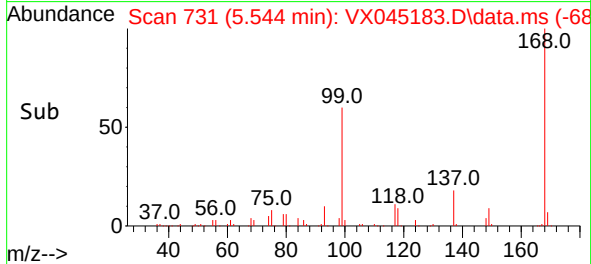
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 120068
Ion Ratio Lower Upper
168 100
99 59.6 48.2 72.4

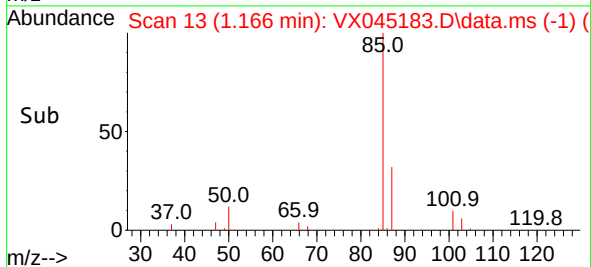
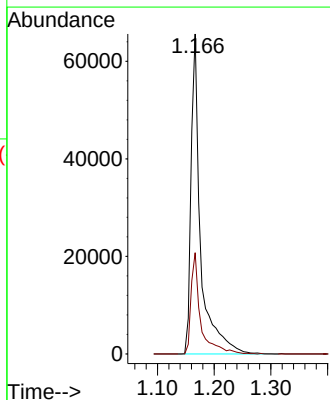
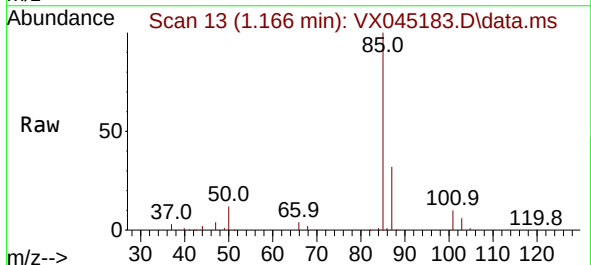
Manual Integrations
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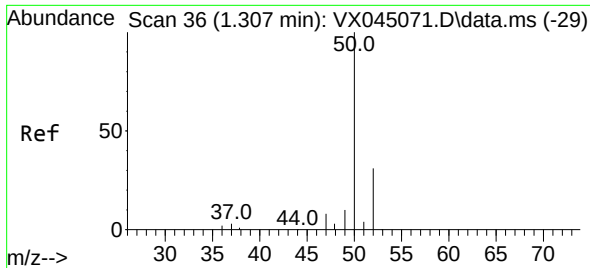
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#2
Dichlorodifluoromethane
Concen: 50.827 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

Tgt Ion: 85 Resp: 76818
Ion Ratio Lower Upper
85 100
87 31.7 17.4 52.3





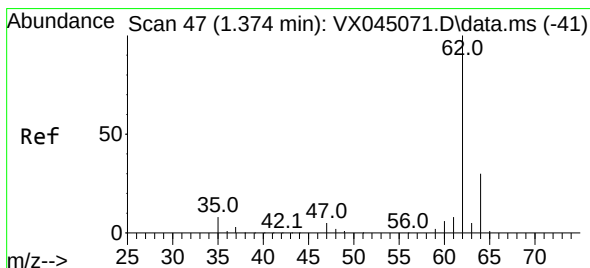
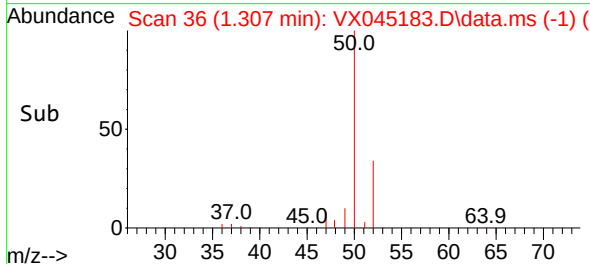
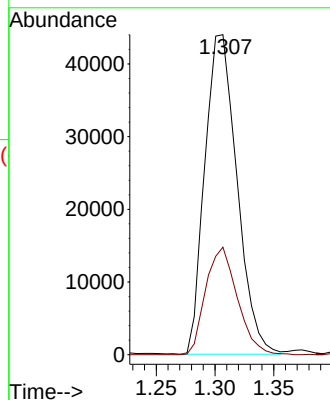
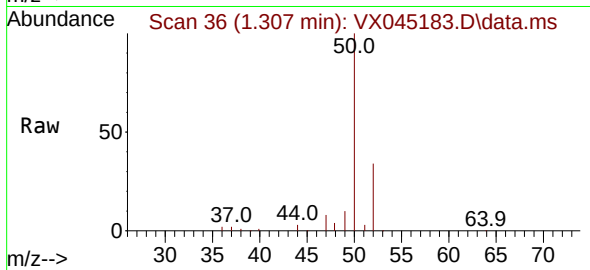
#3
Chloromethane
Concen: 45.382 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 83938
Ion Ratio Lower Upper
50 100
52 33.7 25.0 37.4

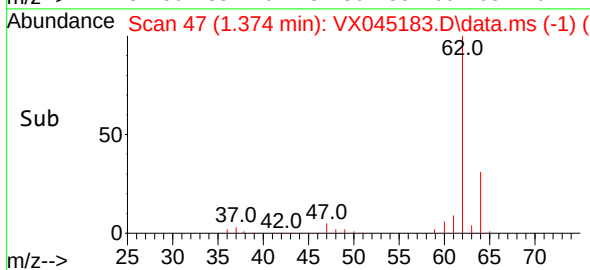
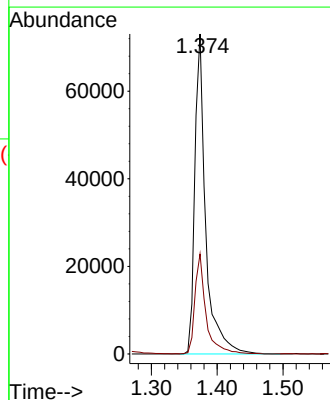
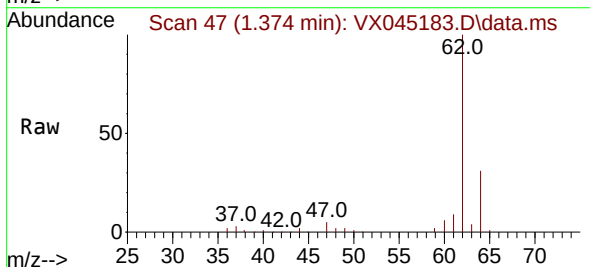
Manual Integrations
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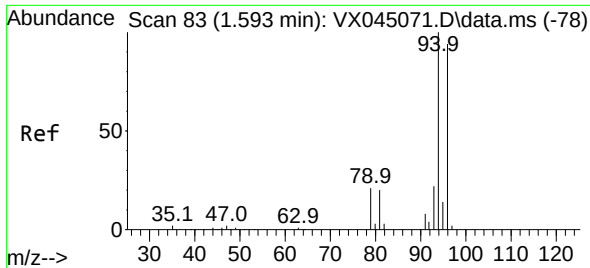
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#4
Vinyl Chloride
Concen: 45.470 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

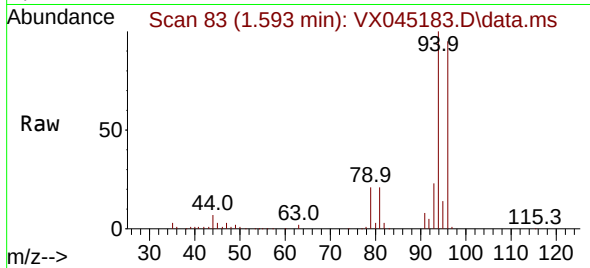
Tgt Ion: 62 Resp: 83429
Ion Ratio Lower Upper
62 100
64 31.2 24.3 36.5





#5
Bromomethane
Concen: 47.451 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

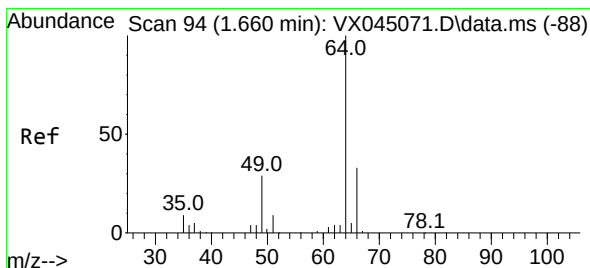
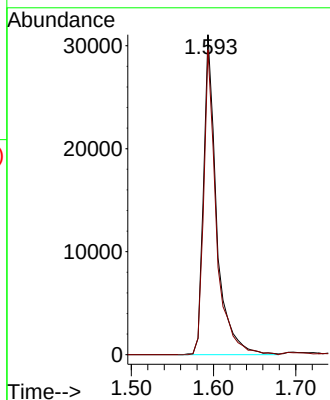
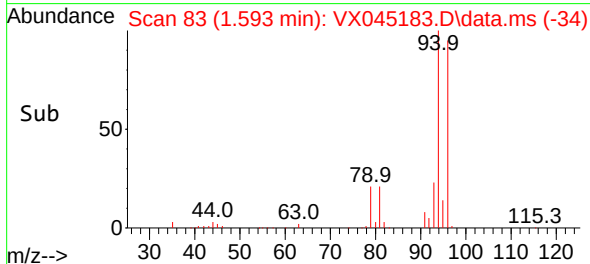
Instrument :
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Tgt Ion: 94 Resp: 34220
Ion Ratio Lower Upper
94 100
96 95.3 75.0 112.4

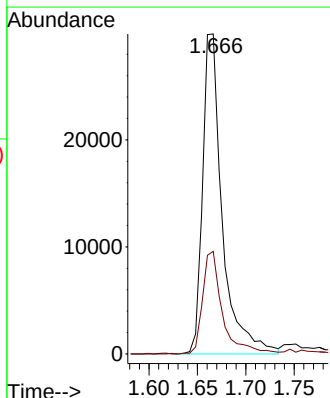
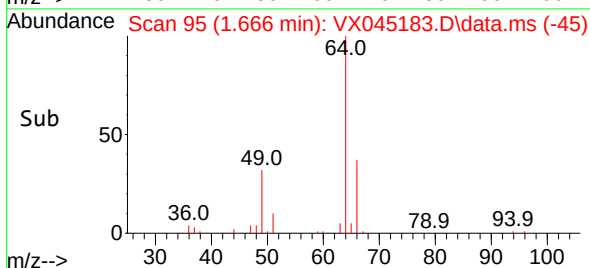
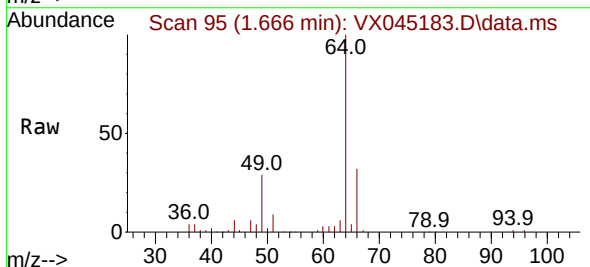
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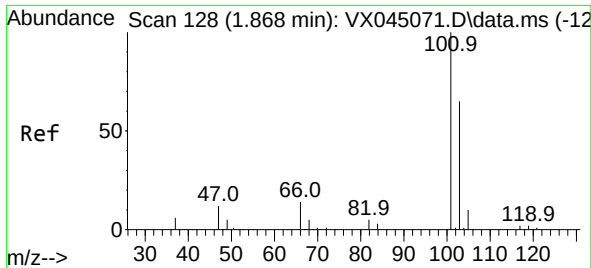
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#6
Chloroethane
Concen: 50.258 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

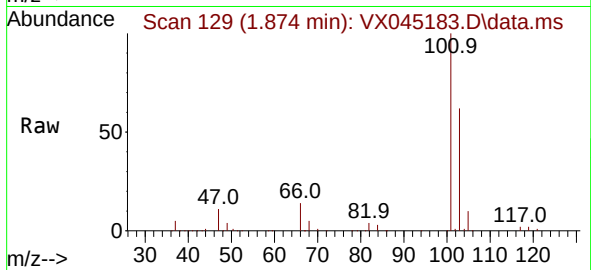
Tgt Ion: 64 Resp: 42535
Ion Ratio Lower Upper
64 100
66 32.1 26.7 40.1





#7
Trichlorofluoromethane
Concen: 49.302 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

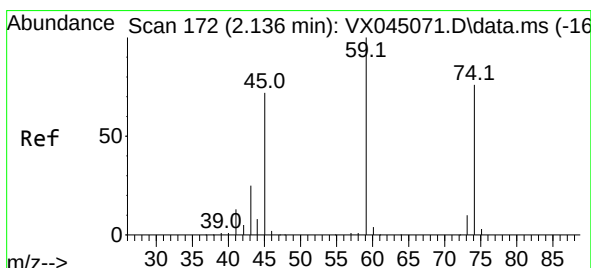
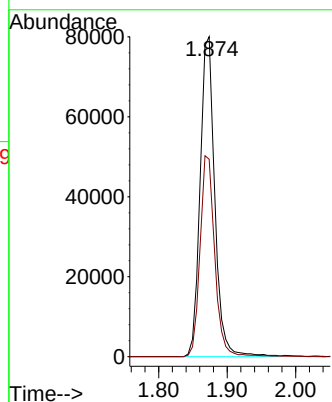
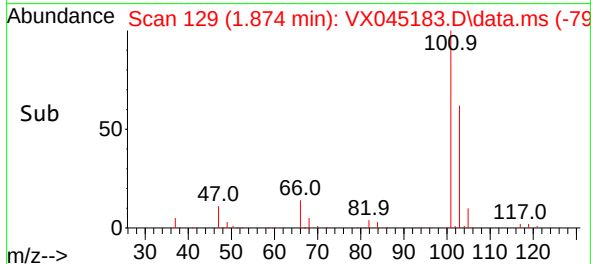
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 11975
Ion Ratio Lower Upper
101 100
103 61.7 52.1 78.1

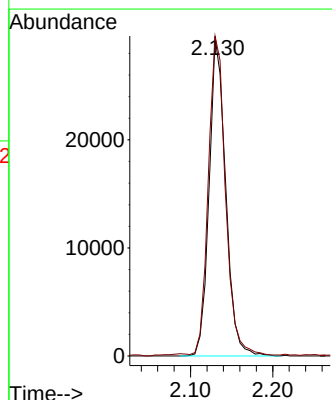
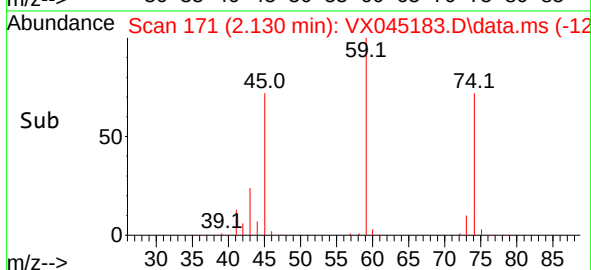
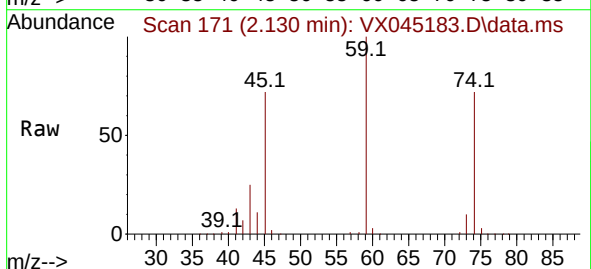
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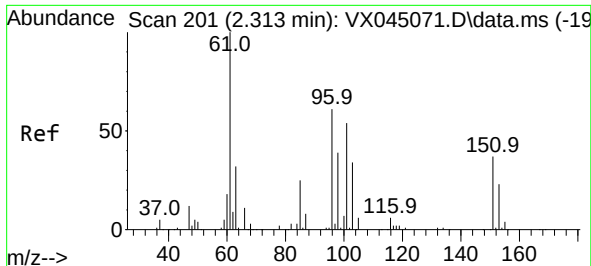
Reviewed By :John Carlone 03/11/2025
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#8
Diethyl Ether
Concen: 43.358 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

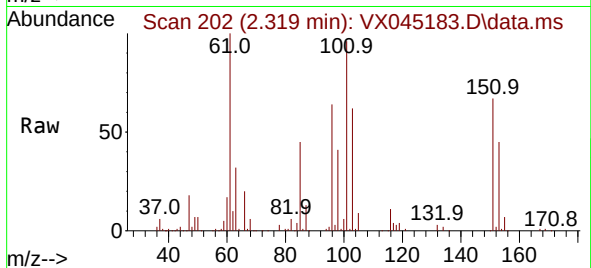
Tgt Ion: 74 Resp: 41193
Ion Ratio Lower Upper
74 100
45 105.9 51.5 154.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.848 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

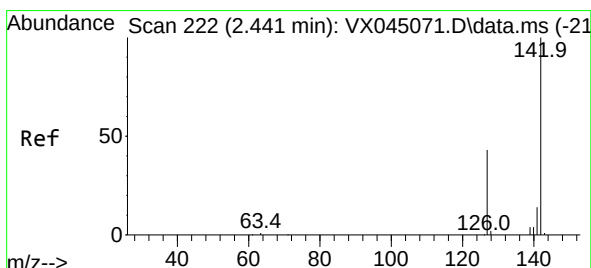
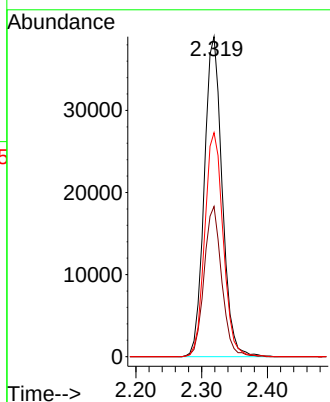
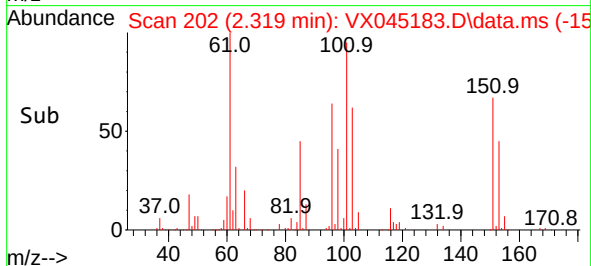
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



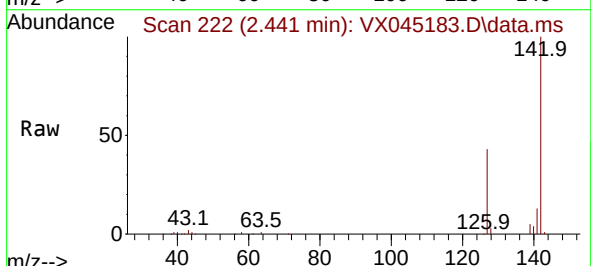
Tgt Ion:101 Resp: 73749
Ion Ratio Lower Upper
101 100
85 46.2 36.2 54.4
151 72.1 56.4 84.6

Manual Integrations
APPROVED

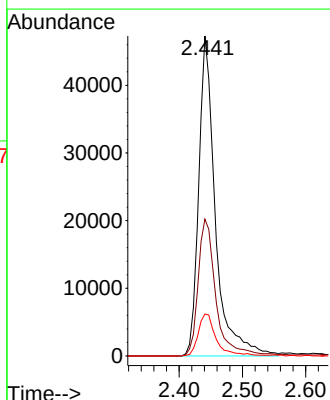
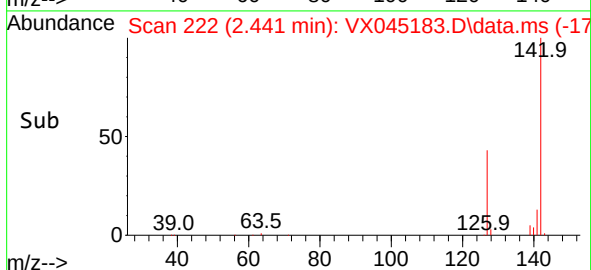
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

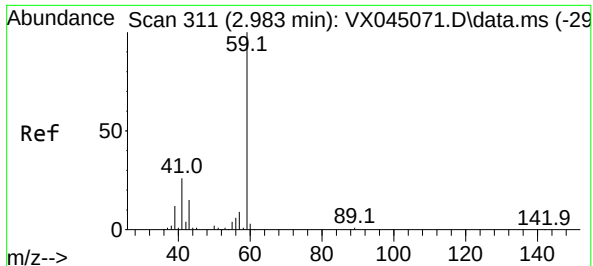


#10
Methyl Iodide
Concen: 49.827 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06



Tgt Ion:142 Resp: 86895
Ion Ratio Lower Upper
142 100
127 45.8 35.4 53.2
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 180.958 ug/l

RT: 2.977 min Scan# 311

Delta R.T. -0.006 min

Lab File: VX045183.D

Acq: 10 Mar 2025 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 6546

Ion Ratio Lower Upper

59 100

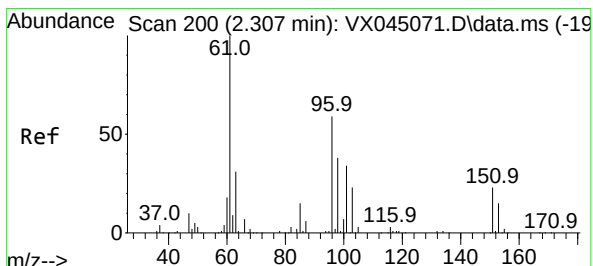
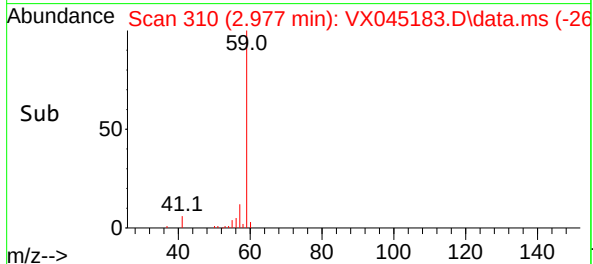
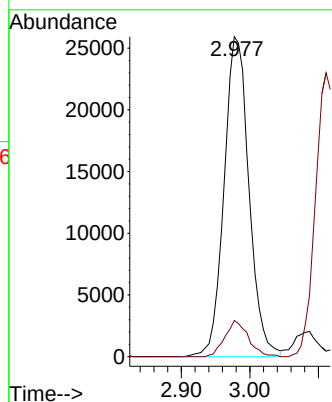
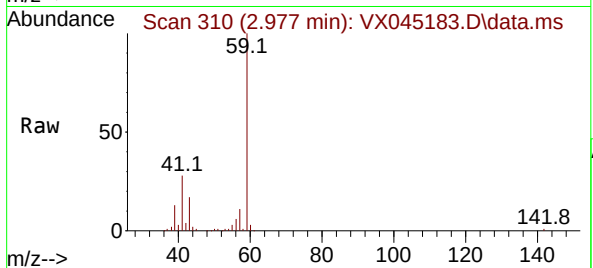
57 10.6 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/11/2025

Supervised By :Mahesh Dadoda 03/11/2025



#12

1,1-Dichloroethene

Concen: 47.745 ug/l

RT: 2.307 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX045183.D

Acq: 10 Mar 2025 10:06

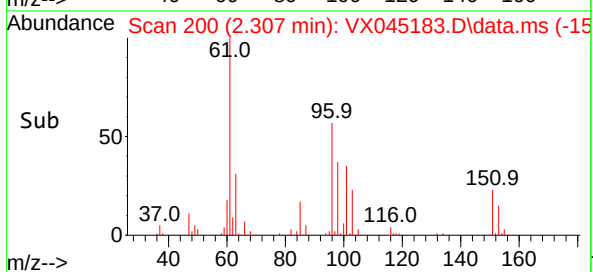
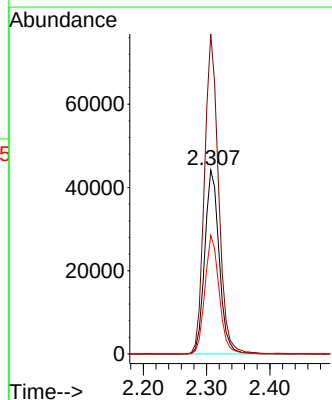
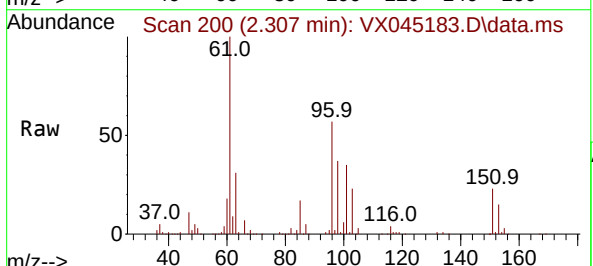
Tgt Ion: 96 Resp: 70442

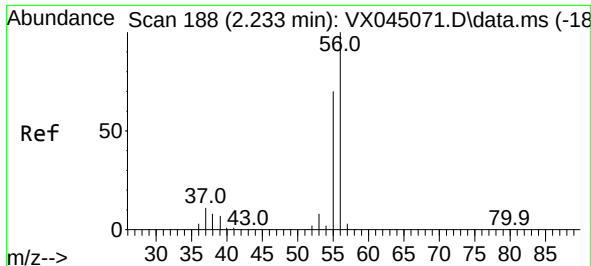
Ion Ratio Lower Upper

96 100

61 174.0 134.6 202.0

98 64.5 51.0 76.6





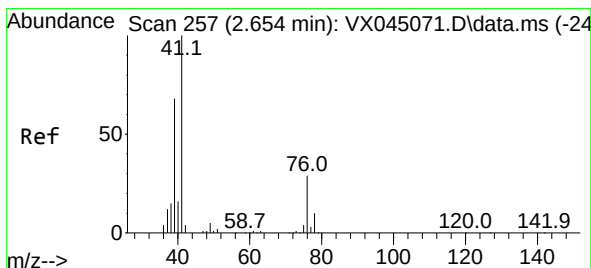
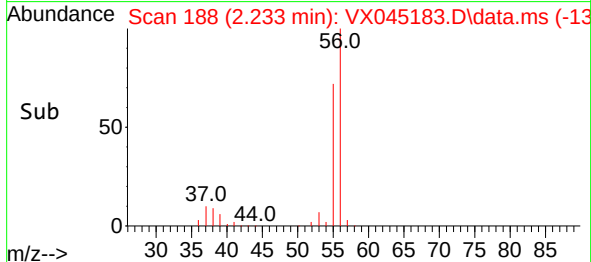
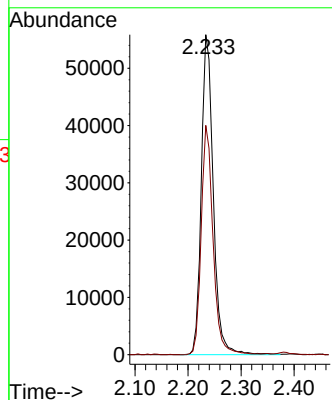
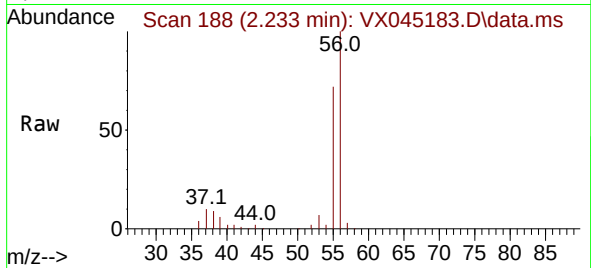
#13
Acrolein
Concen: 209.887 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 8777
Ion Ratio Lower Upper
56 100
55 71.1 56.2 84.4

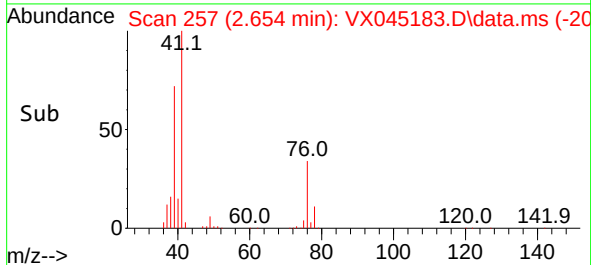
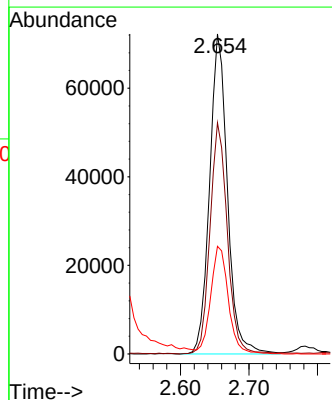
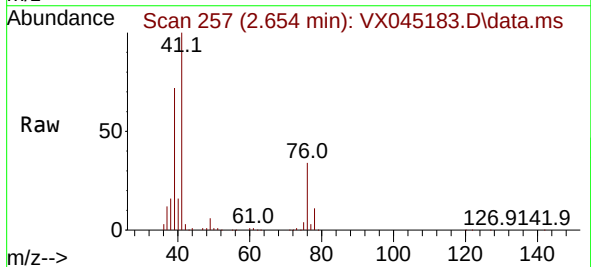
Manual Integrations
APPROVED

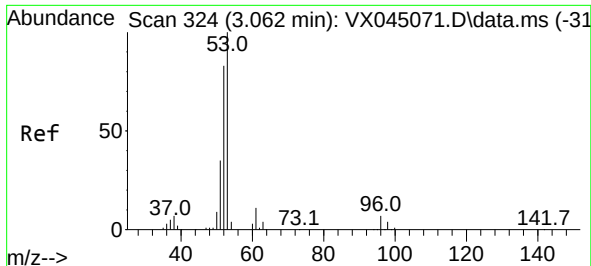
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#14
Allyl chloride
Concen: 49.978 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

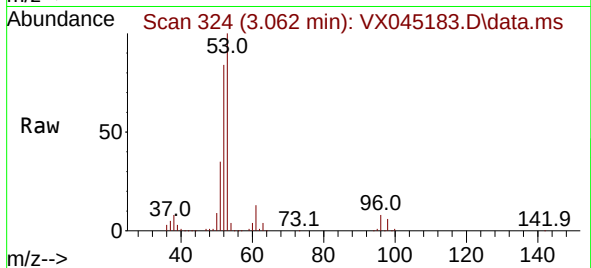
Tgt Ion: 41 Resp: 131254
Ion Ratio Lower Upper
41 100
39 69.8 53.8 80.8
76 33.2 25.2 37.8





#15
Acrylonitrile
Concen: 233.063 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

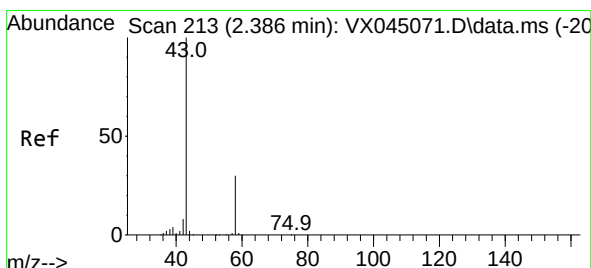
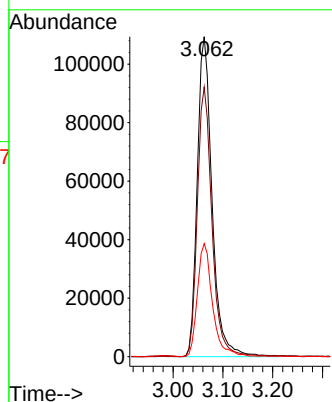
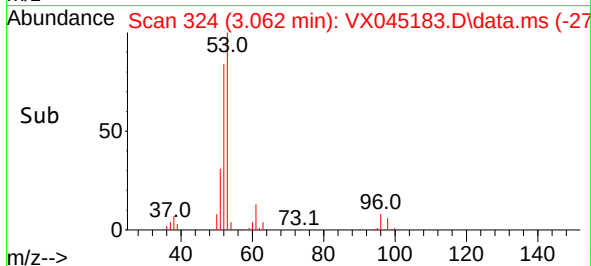
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



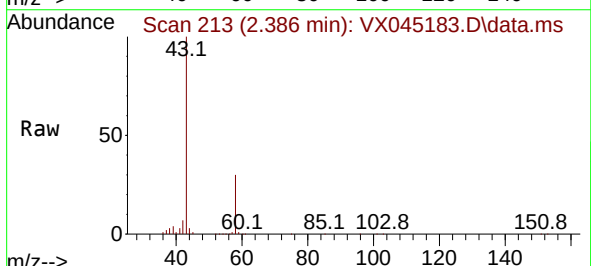
Tgt Ion: 53 Resp: 22596
Ion Ratio Lower Upper
53 100
52 83.5 66.2 99.2
51 36.1 29.0 43.4

Manual Integrations
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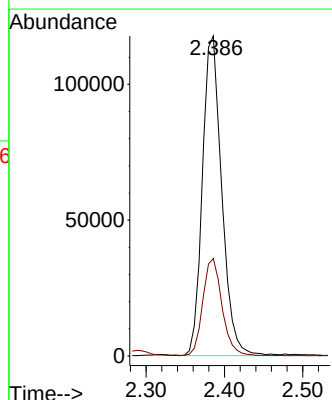
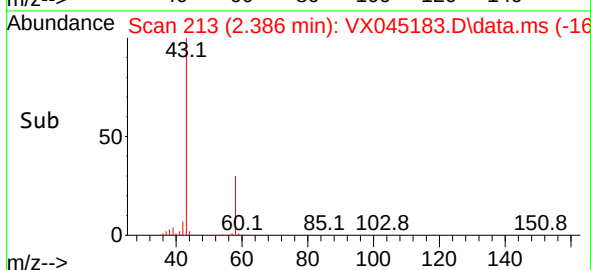
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

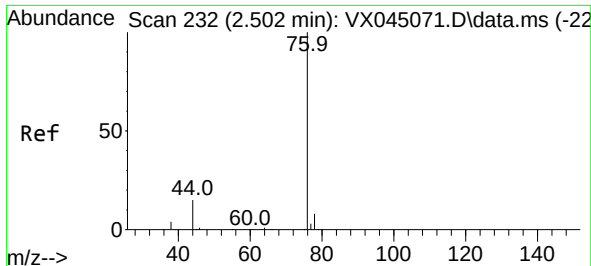


#16
Acetone
Concen: 227.976 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06



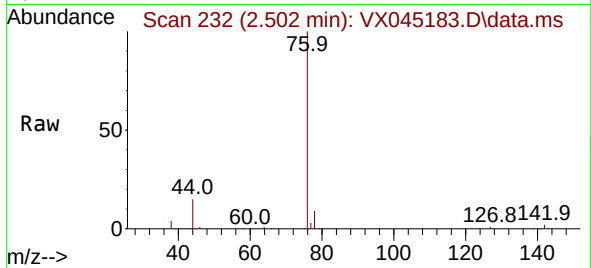
Tgt Ion: 43 Resp: 202013
Ion Ratio Lower Upper
43 100
58 30.4 24.2 36.4





#17
Carbon Disulfide
Concen: 46.890 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

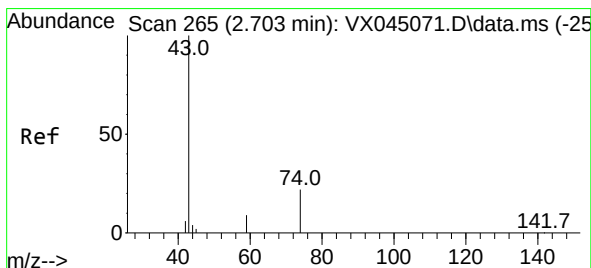
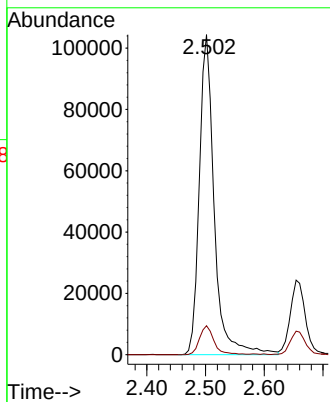
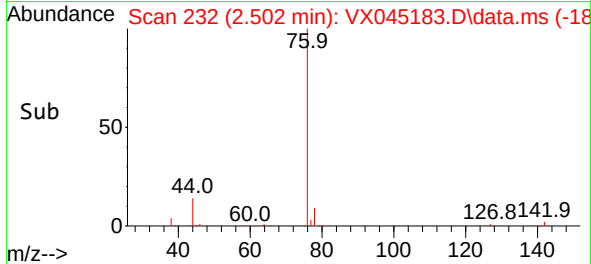
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 184260
Ion Ratio Lower Upper
76 100
78 9.1 6.6 9.8

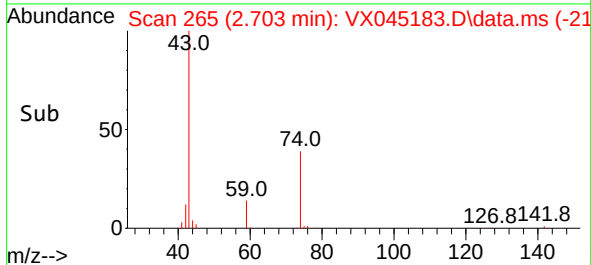
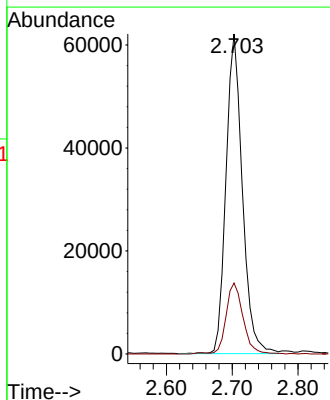
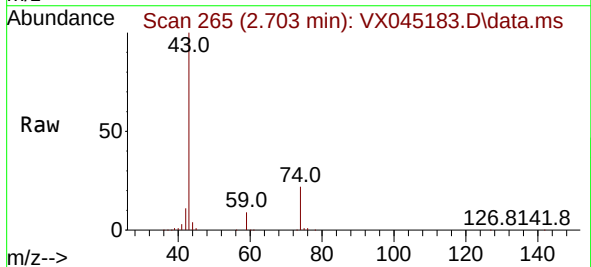
Manual Integrations
APPROVED

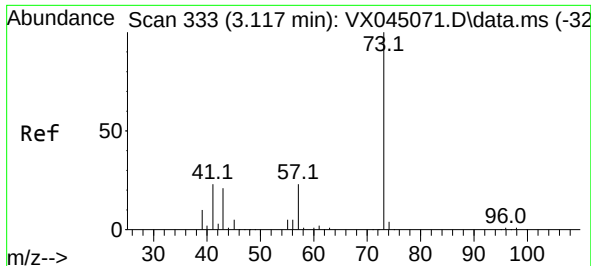
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#18
Methyl Acetate
Concen: 50.370 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

Tgt Ion: 43 Resp: 107373
Ion Ratio Lower Upper
43 100
74 22.8 17.4 26.2





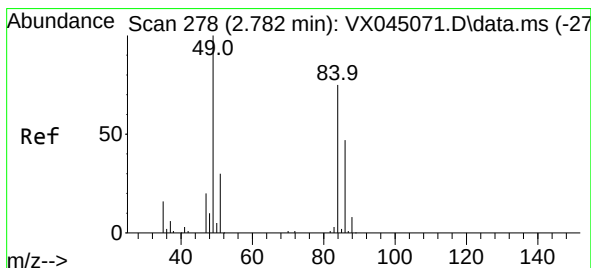
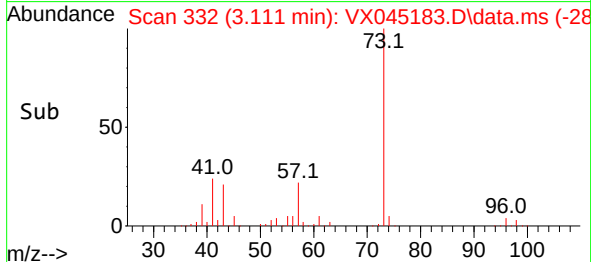
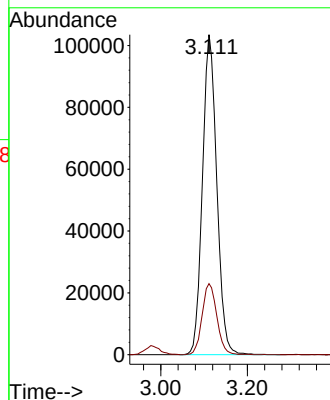
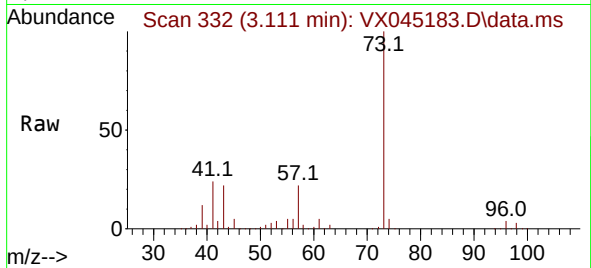
#19
Methyl tert-butyl Ether
Concen: 48.004 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 237614
Ion Ratio Lower Upper
73 100
57 22.2 18.5 27.7

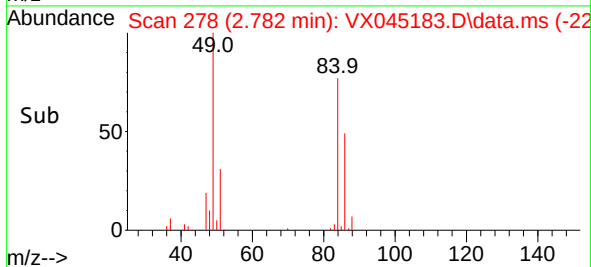
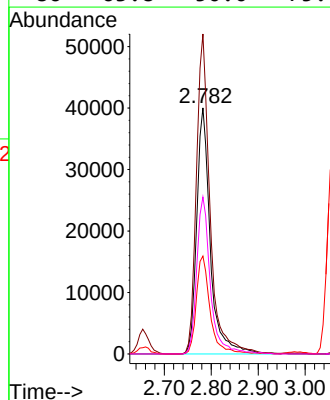
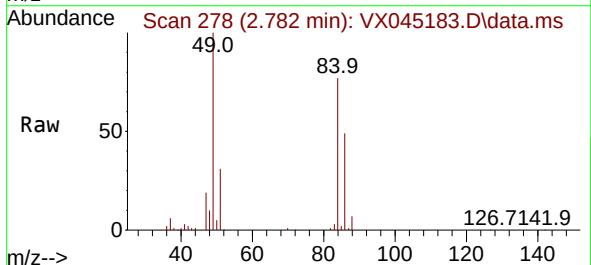
Manual Integrations
APPROVED

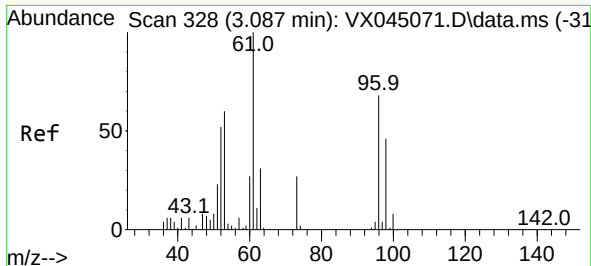
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#20
Methylene Chloride
Concen: 46.105 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

Tgt Ion: 84 Resp: 80927
Ion Ratio Lower Upper
84 100
49 130.0 106.5 159.7
51 39.8 32.1 48.1
86 63.8 50.0 75.0





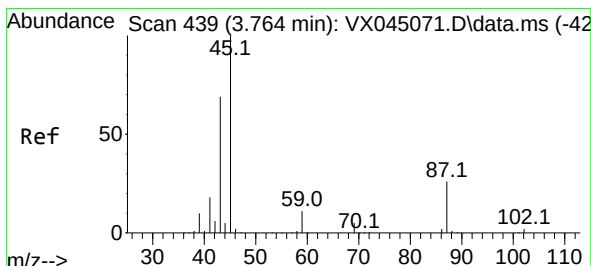
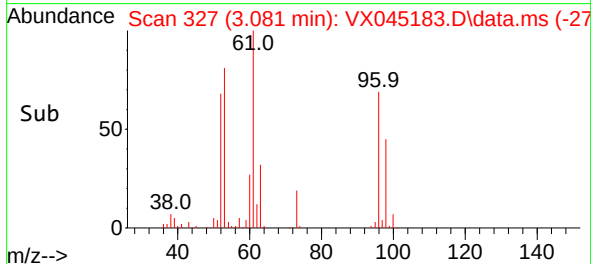
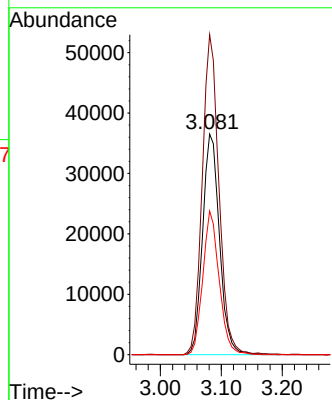
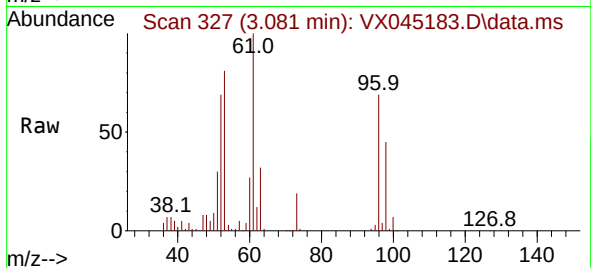
#21
trans-1,2-Dichloroethene
Concen: 48.421 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 7057
Ion Ratio Lower Upper
96 100
61 145.0 117.0 175.4
98 65.1 53.4 80.2

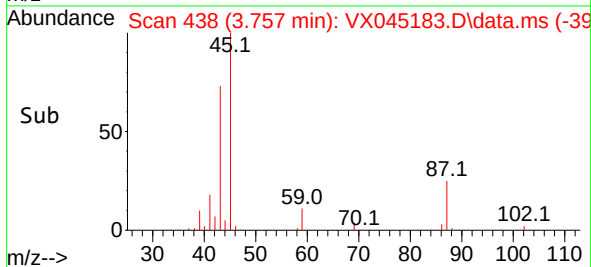
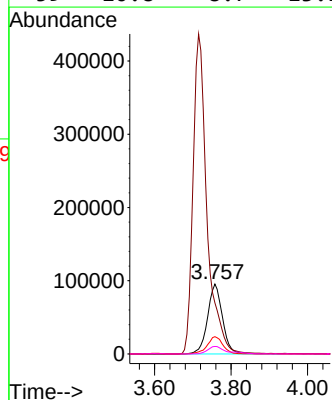
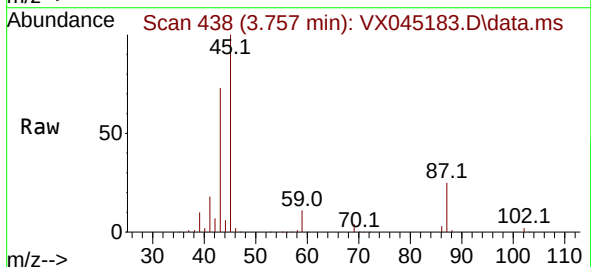
Manual Integrations
APPROVED

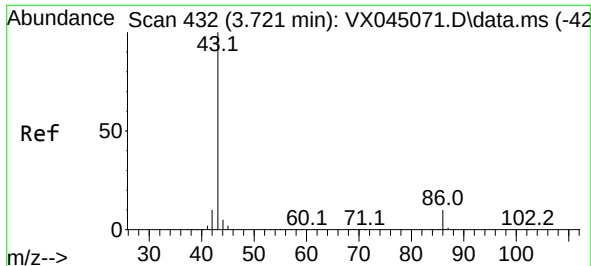
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#22
Diisopropyl ether
Concen: 48.472 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

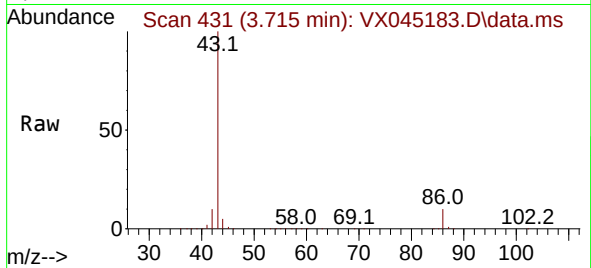
Tgt Ion: 45 Resp: 258893
Ion Ratio Lower Upper
45 100
43 72.8 54.9 82.3
87 24.7 21.0 31.4
59 10.8 8.7 13.1





#23
 Vinyl Acetate
 Concen: 248.018 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX045183.D
 Acq: 10 Mar 2025 10:06

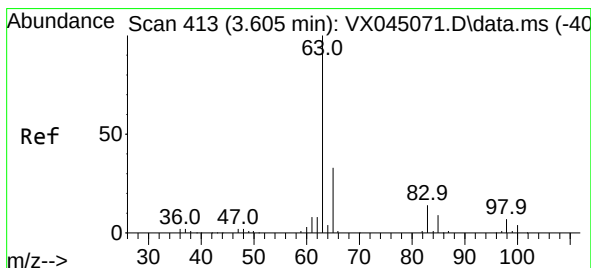
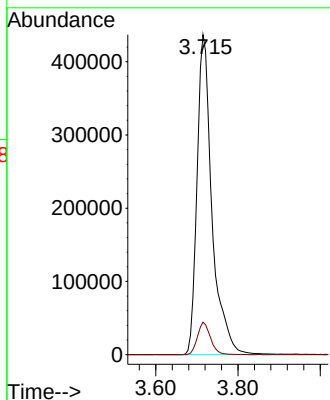
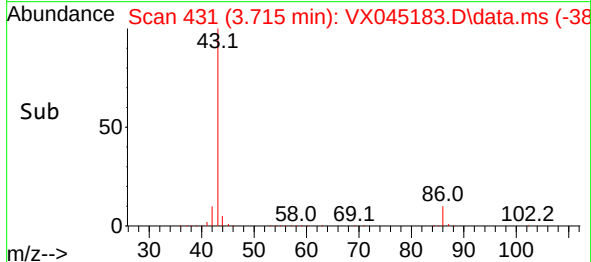
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



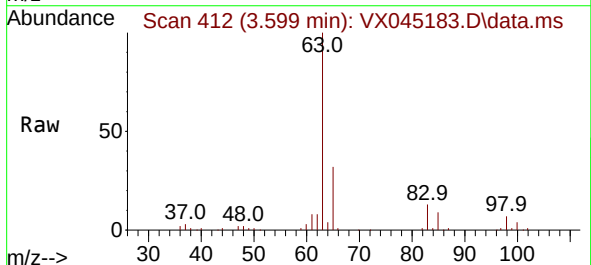
Tgt Ion: 43 Resp: 110547
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.1 12.1

Manual Integrations
 APPROVED

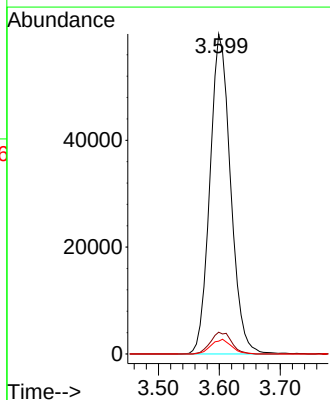
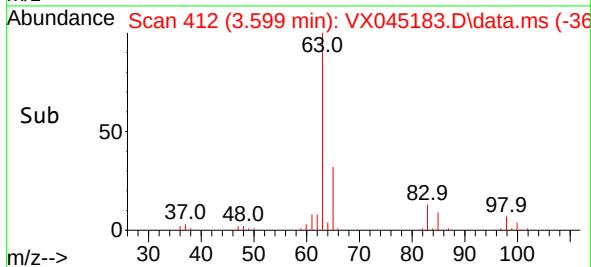
Reviewed By :John Carlone 03/11/2025
 Supervised By :Mahesh Dadoda 03/11/2025

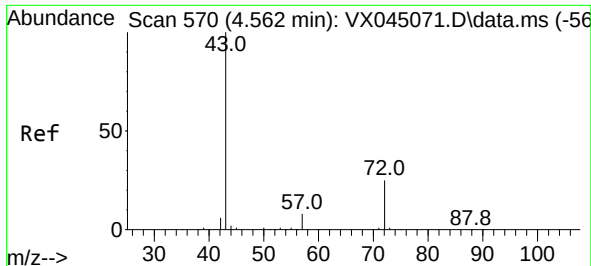


#24
 1,1-Dichloroethane
 Concen: 47.153 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045183.D
 Acq: 10 Mar 2025 10:06



Tgt Ion: 63 Resp: 141147
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 4.0 2.1 6.5





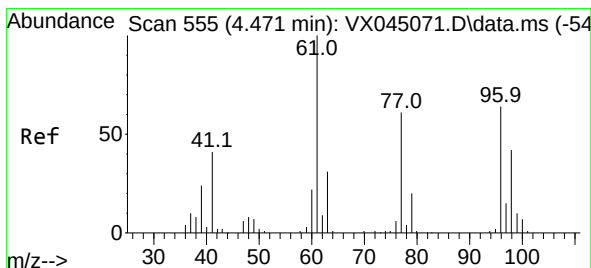
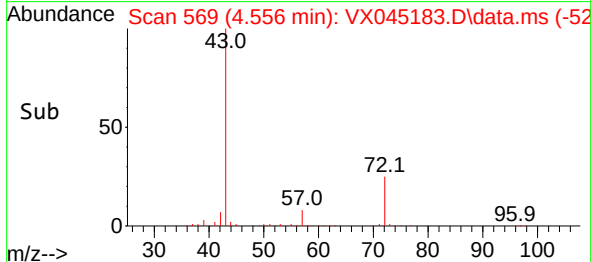
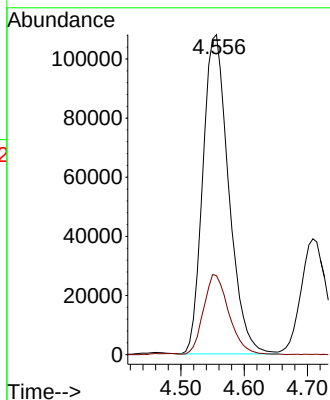
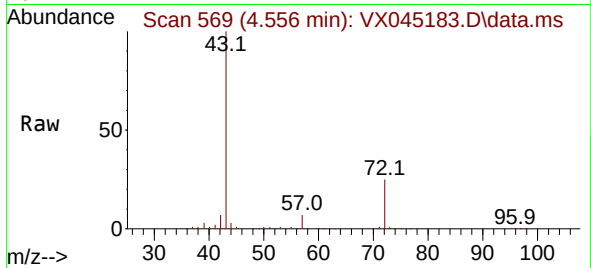
#25
2-Butanone
Concen: 230.475 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 30741
Ion Ratio Lower Upper
43 100
72 24.5 20.0 30.0

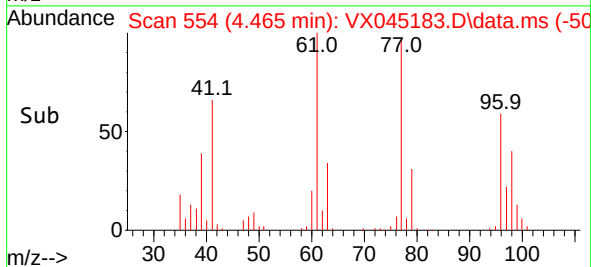
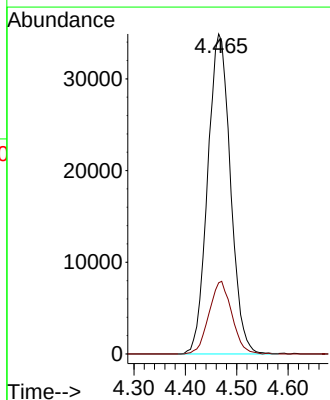
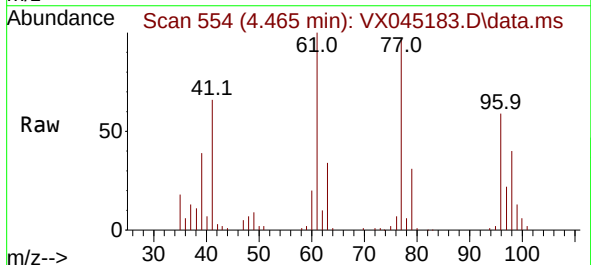
Manual Integrations
APPROVED

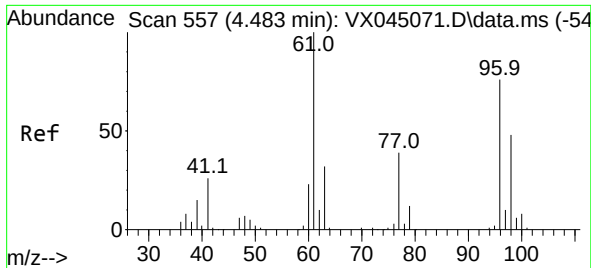
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#26
2,2-Dichloropropane
Concen: 76.455 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

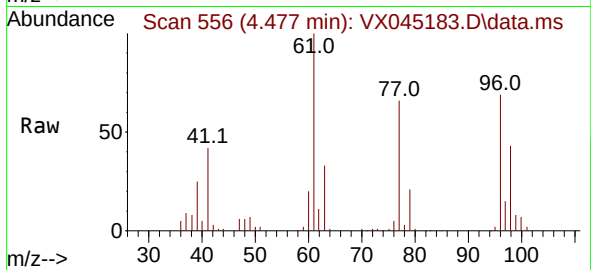
Tgt Ion: 77 Resp: 107346
Ion Ratio Lower Upper
77 100
97 22.7 12.4 37.0





#27
 cis-1,2-Dichloroethene
 Concen: 47.570 ug/l
 RT: 4.477 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX045183.D
 Acq: 10 Mar 2025 10:06

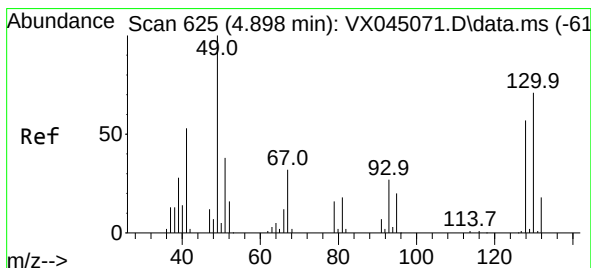
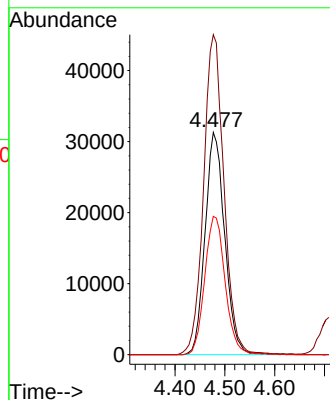
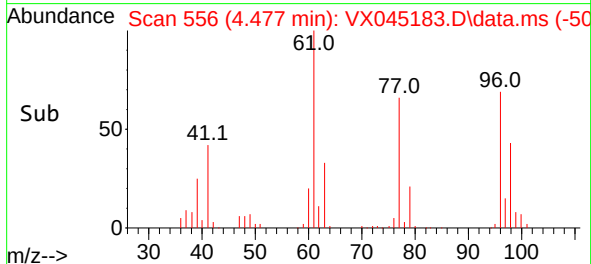
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 85594
 Ion Ratio Lower Upper
 96 100
 61 149.2 0.0 283.2
 98 64.8 0.0 128.0

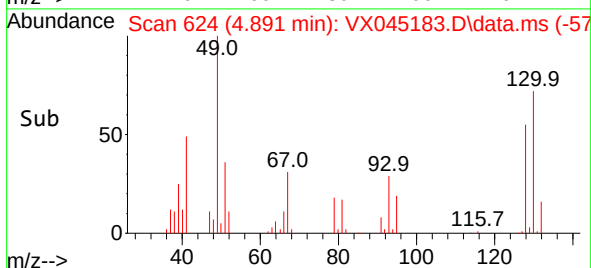
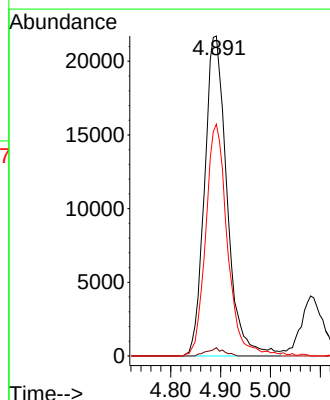
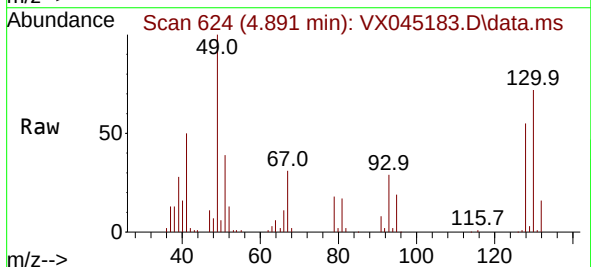
Manual Integrations
 APPROVED

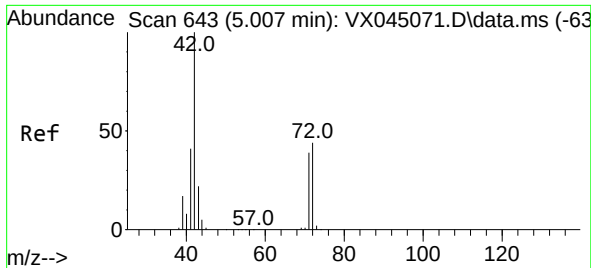
Reviewed By :John Carlone 03/11/2025
 Supervised By :Mahesh Dadoda 03/11/2025



#28
 Bromochloromethane
 Concen: 47.656 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX045183.D
 Acq: 10 Mar 2025 10:06

Tgt Ion: 49 Resp: 67994
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.4
 130 70.2 56.1 84.1





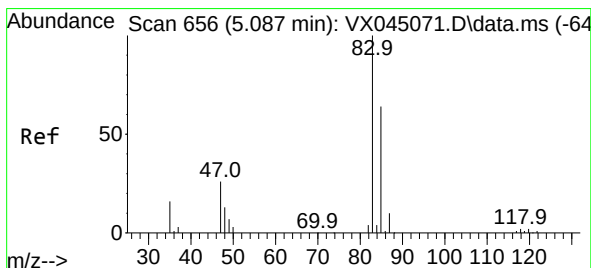
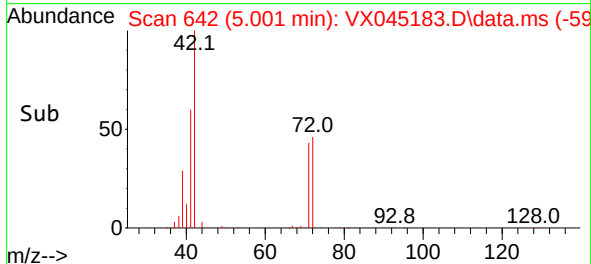
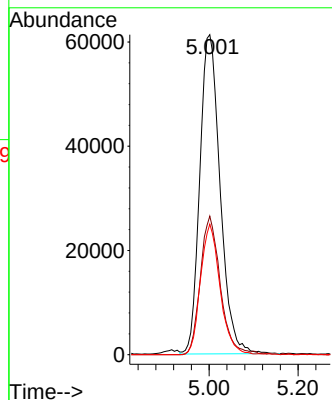
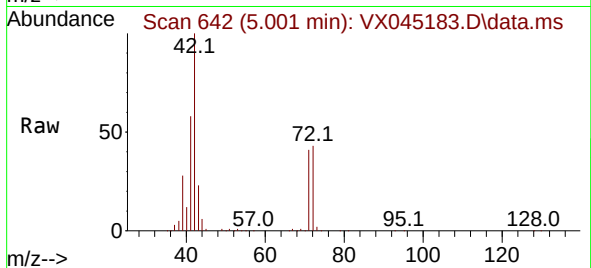
#29
Tetrahydrofuran
Concen: 218.029 ug/l
RT: 5.001 min Scan# 643
Delta R.T. -0.006 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 19529
Ion Ratio Lower Upper
42 100
72 42.8 34.1 51.1
71 39.4 31.4 47.0

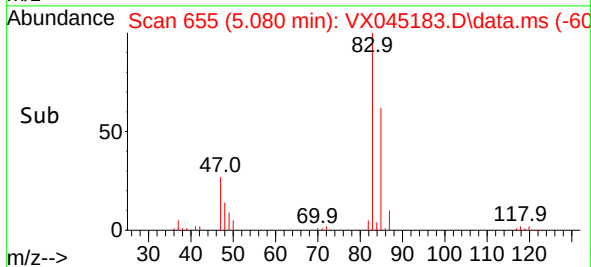
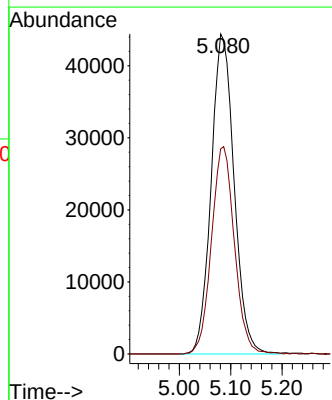
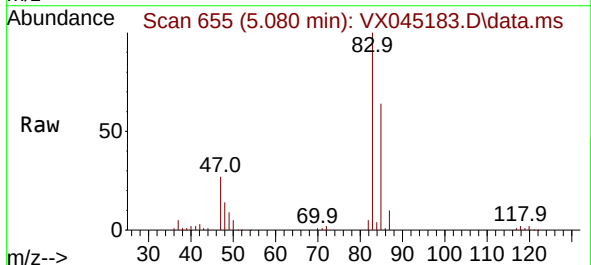
Manual Integrations
APPROVED

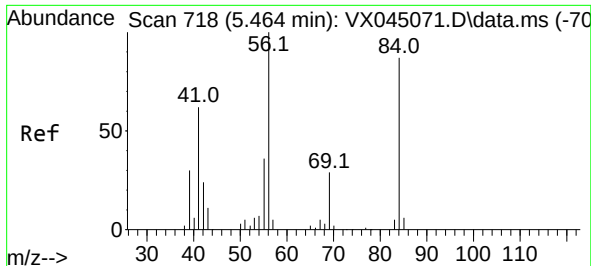
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#30
Chloroform
Concen: 46.287 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.006 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

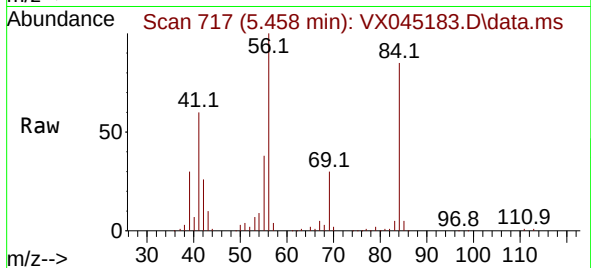
Tgt Ion: 83 Resp: 137670
Ion Ratio Lower Upper
83 100
85 64.1 51.4 77.2





#31
Cyclohexane
Concen: 48.363 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

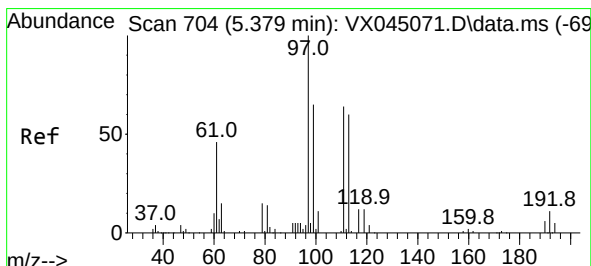
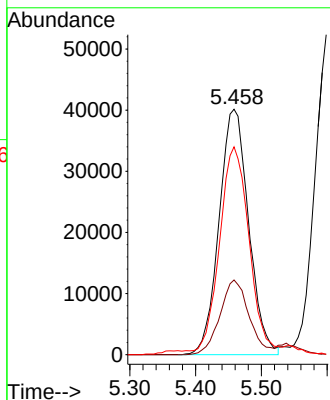
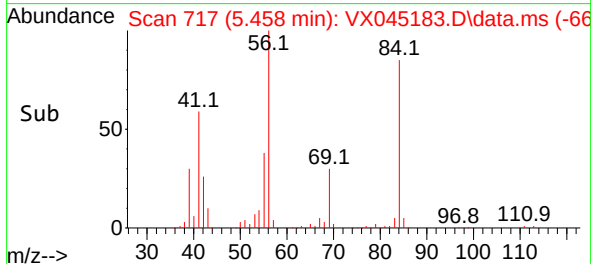
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 12566
Ion Ratio Lower Upper
56 100
69 30.4 23.4 35.2
84 83.0 69.4 104.2

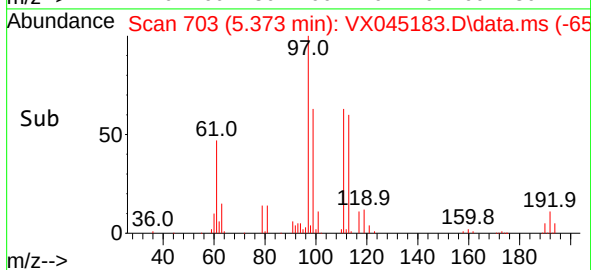
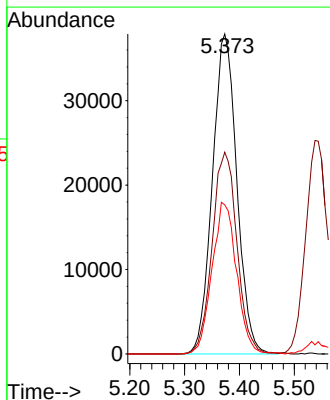
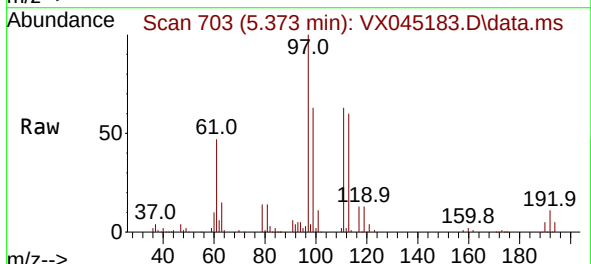
Manual Integrations
APPROVED

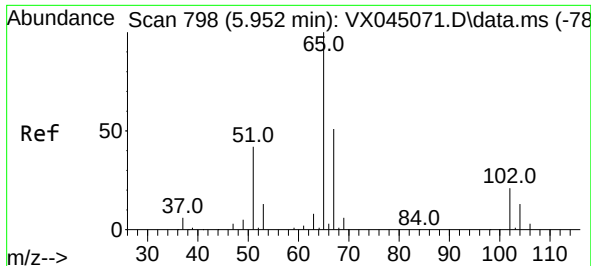
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#32
1,1,1-Trichloroethane
Concen: 48.857 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

Tgt Ion: 97 Resp: 117363
Ion Ratio Lower Upper
97 100
99 64.0 51.6 77.4
61 47.8 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 45.875 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045183.D

Acq: 10 Mar 2025 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 8761

Ion Ratio Lower Upper

65 100

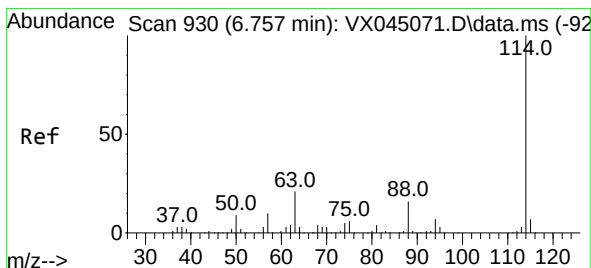
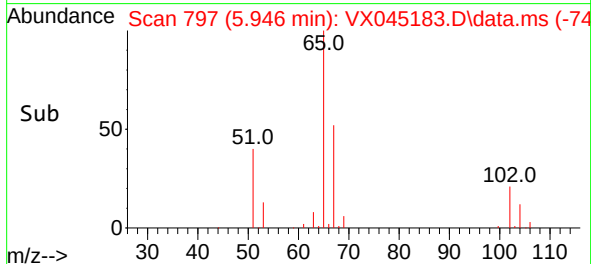
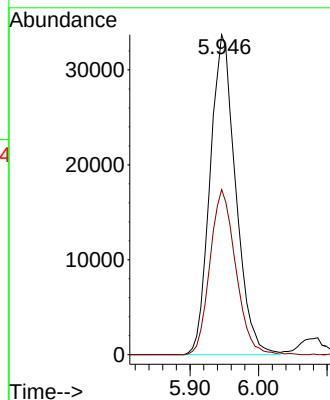
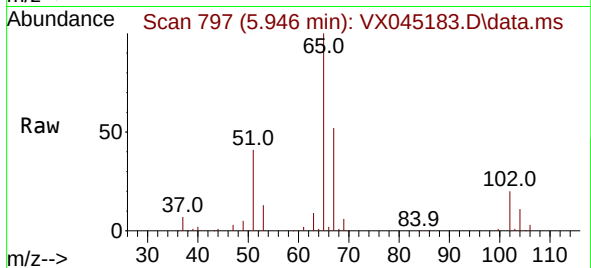
67 51.9 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/11/2025

Supervised By :Mahesh Dadoda 03/11/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX045183.D

Acq: 10 Mar 2025 10:06

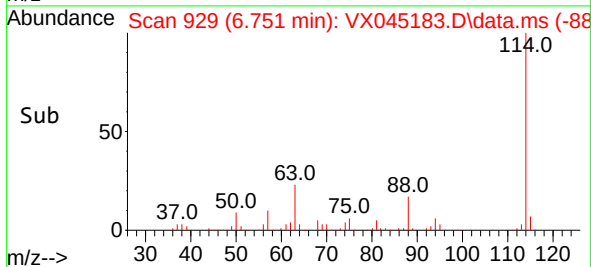
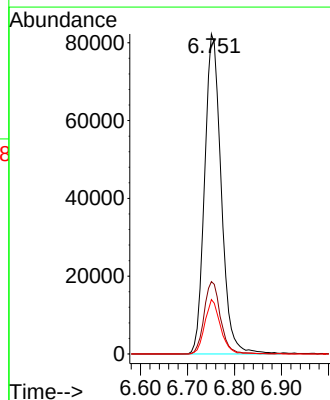
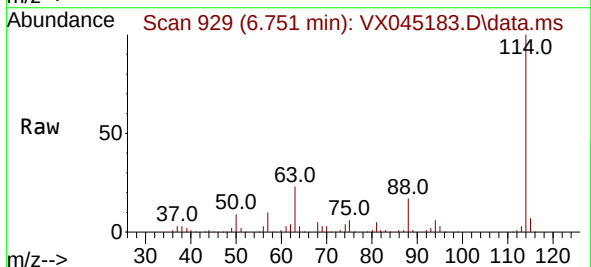
Tgt Ion:114 Resp: 201201

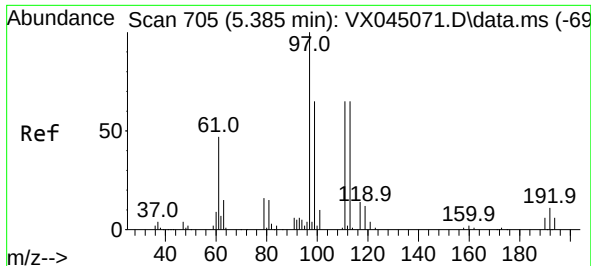
Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.8

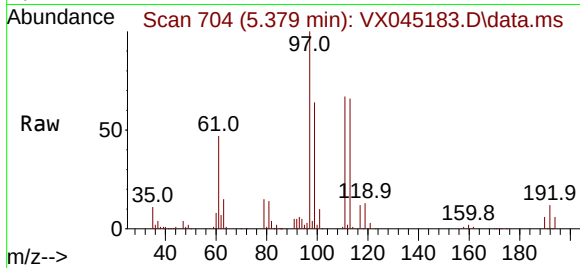
88 17.0 0.0 32.8





#35
Dibromofluoromethane
Concen: 51.577 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

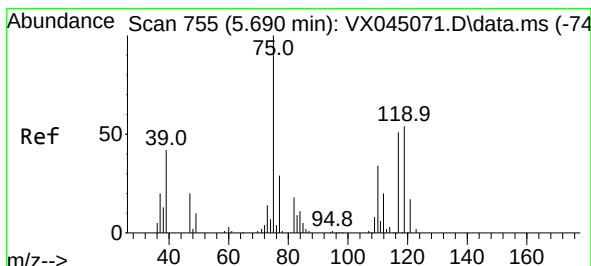
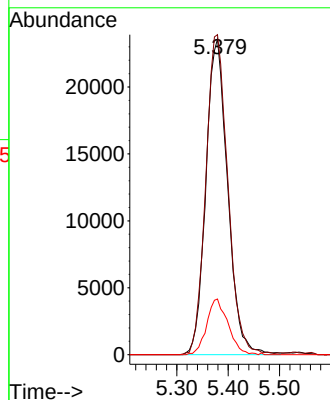
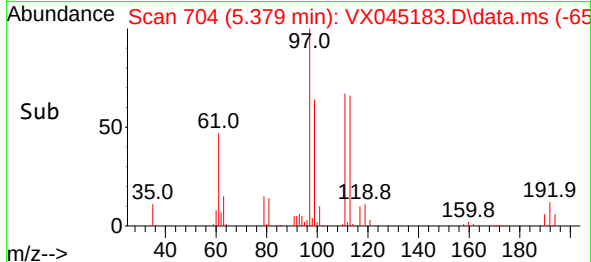
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 6939
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.6
192 17.3 14.3 21.5

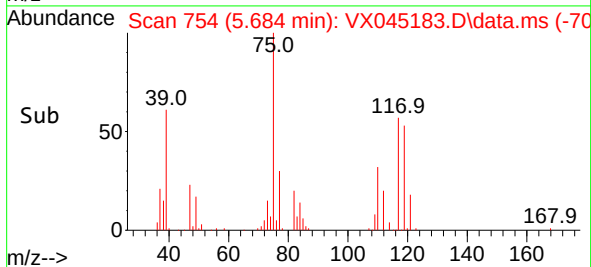
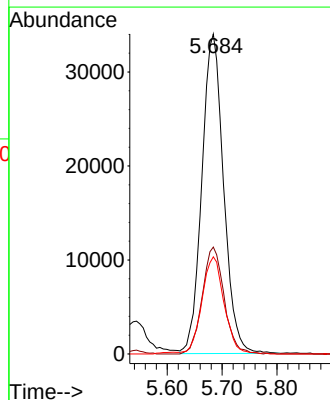
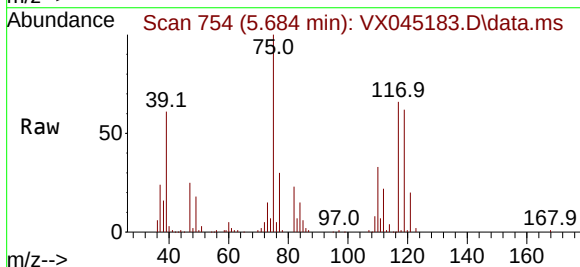
Manual Integrations
APPROVED

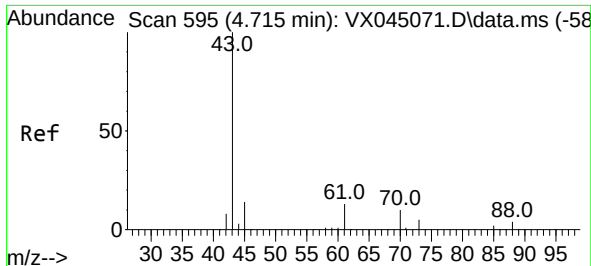
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#36
1,1-Dichloropropene
Concen: 50.714 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

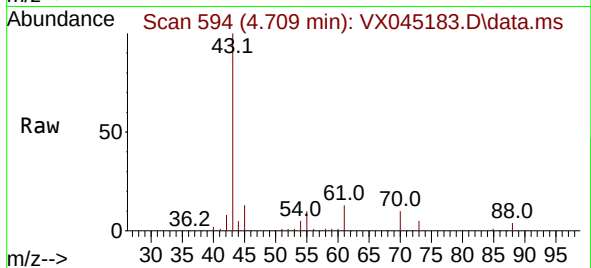
Tgt Ion: 75 Resp: 93569
Ion Ratio Lower Upper
75 100
110 33.6 16.9 50.6
77 31.5 24.5 36.7





#37
Ethyl Acetate
Concen: 48.532 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

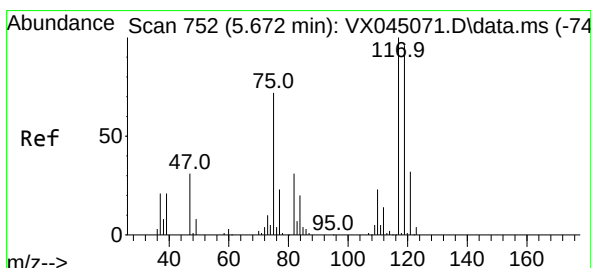
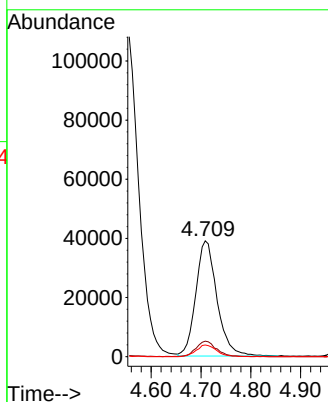
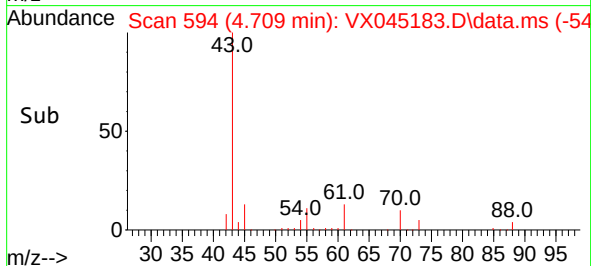
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 115384
Ion Ratio Lower Upper
43 100
61 13.3 10.8 16.2
70 9.8 7.7 11.5

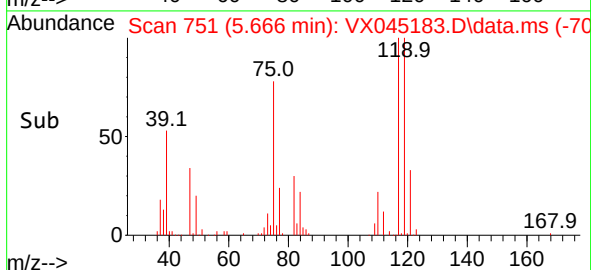
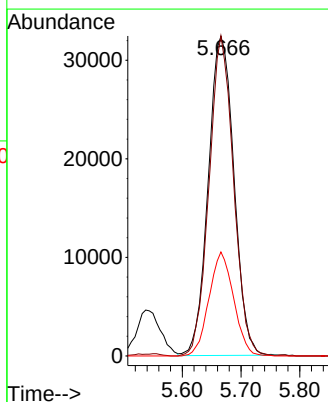
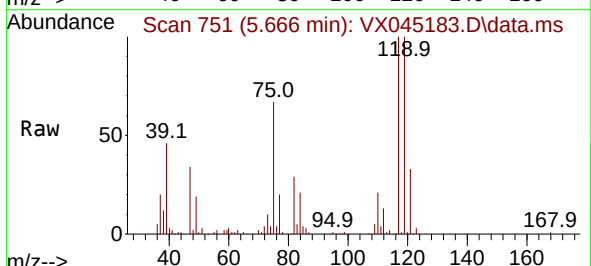
Manual Integrations
APPROVED

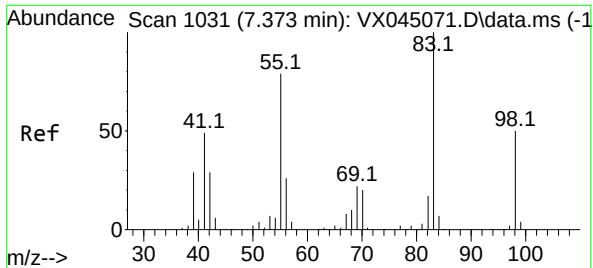
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#38
Carbon Tetrachloride
Concen: 52.483 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

Tgt Ion:117 Resp: 98310
Ion Ratio Lower Upper
117 100
119 100.4 76.7 115.1
121 32.6 25.5 38.3





#39

Methylcyclohexane

Concen: 56.716 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX045183.D

Acq: 10 Mar 2025 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 12538

Ion Ratio Lower Upper

83 100

55 78.7 63.0 94.4

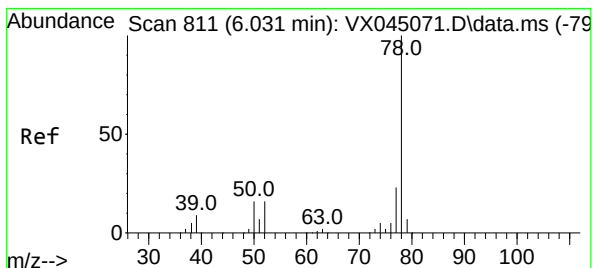
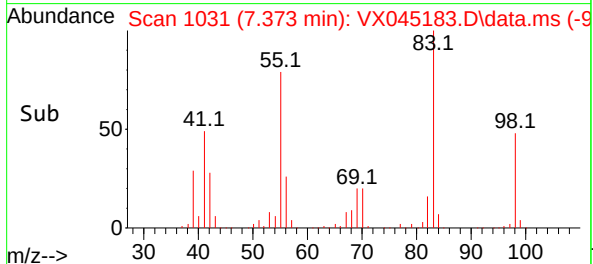
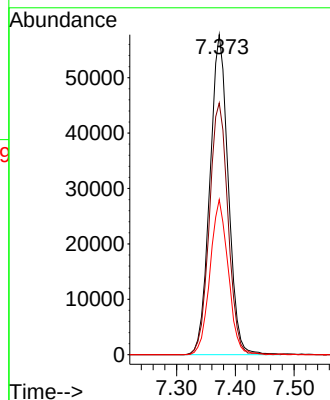
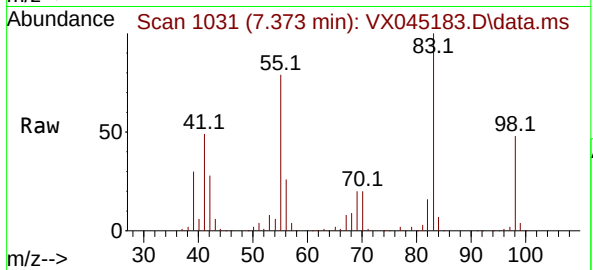
98 48.5 39.7 59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/11/2025

Supervised By :Mahesh Dadoda 03/11/2025



#40

Benzene

Concen: 50.155 ug/l

RT: 6.025 min Scan# 810

Delta R.T. -0.006 min

Lab File: VX045183.D

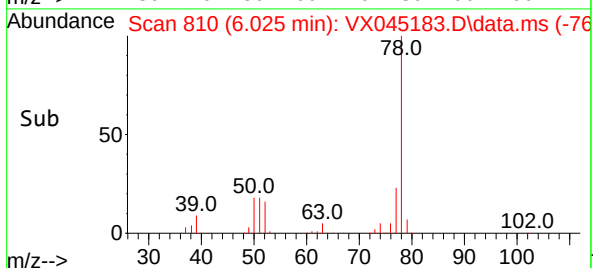
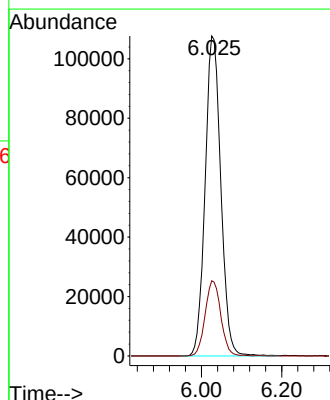
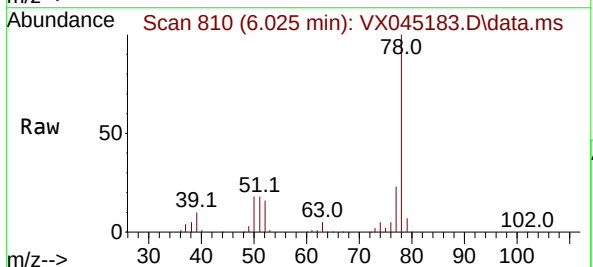
Acq: 10 Mar 2025 10:06

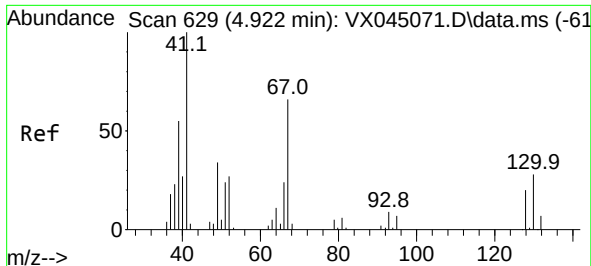
Tgt Ion: 78 Resp: 292214

Ion Ratio Lower Upper

78 100

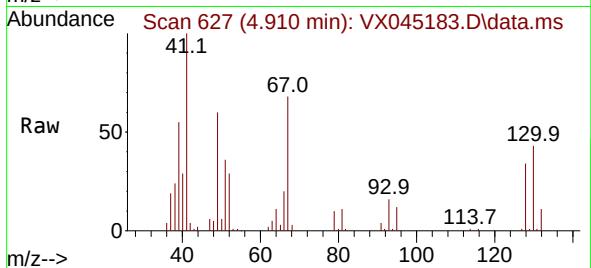
77 23.5 18.8 28.2





#41
Methacrylonitrile
Concen: 51.791 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

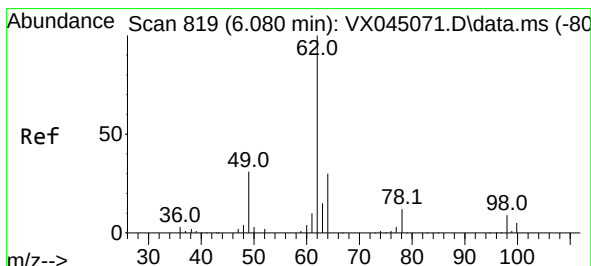
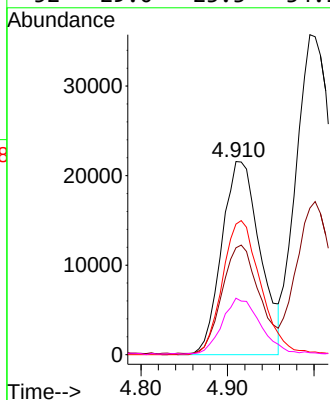
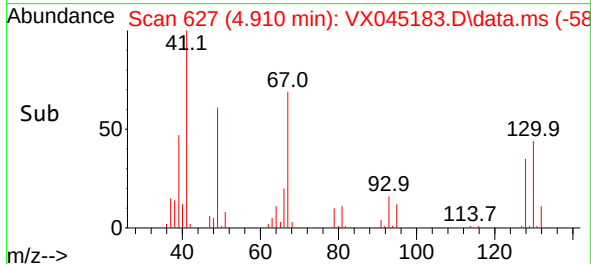
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41	Resp: 66579
Ion Ratio	Lower Upper
41	100
39	55.1 44.6 67.0
67	69.3 53.9 80.9
52	29.0 23.3 34.9

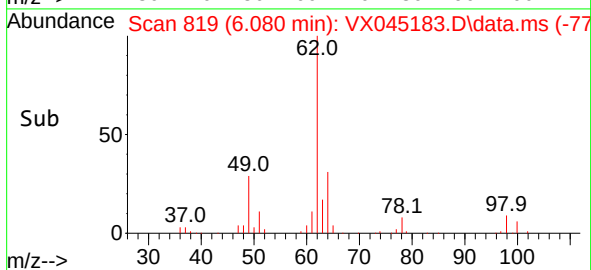
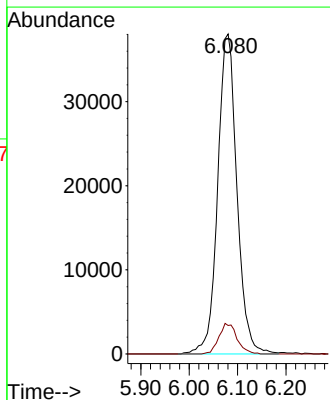
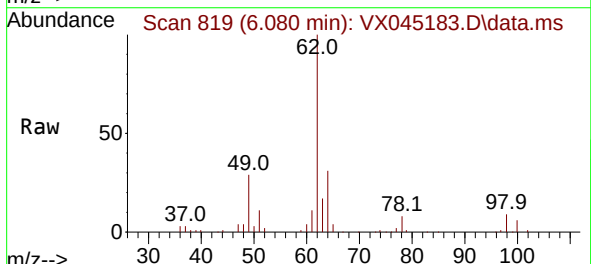
Manual Integrations
APPROVED

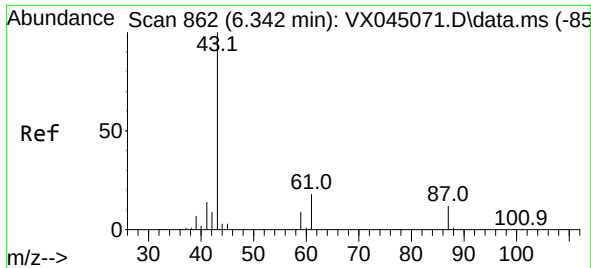
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#42
1,2-Dichloroethane
Concen: 50.066 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

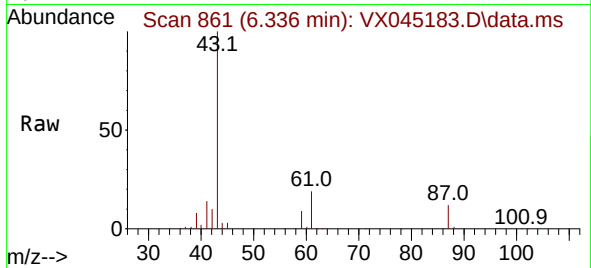
Tgt Ion: 62	Resp: 105041
Ion Ratio	Lower Upper
62	100
98	9.0 0.0 18.2





#43
Isopropyl Acetate
Concen: 52.608 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

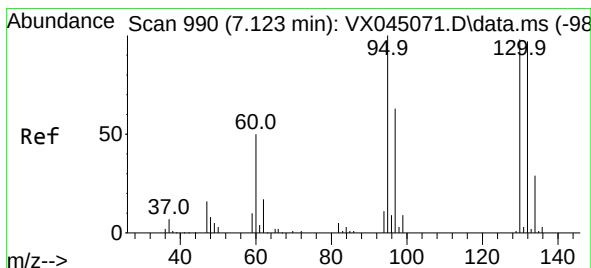
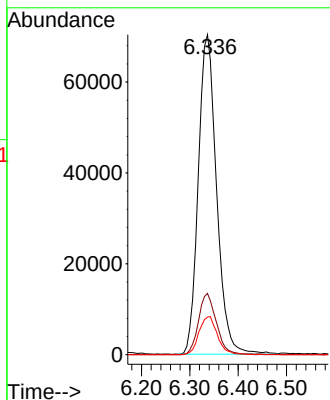
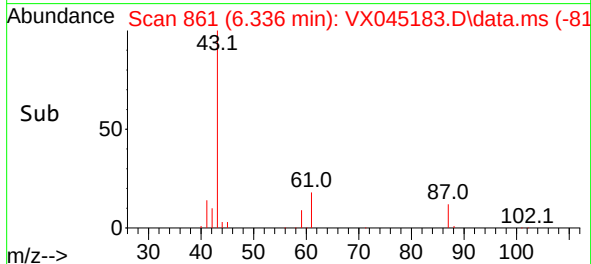
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 184950
Ion Ratio Lower Upper
43 100
61 18.7 14.9 22.3
87 12.0 9.4 14.2

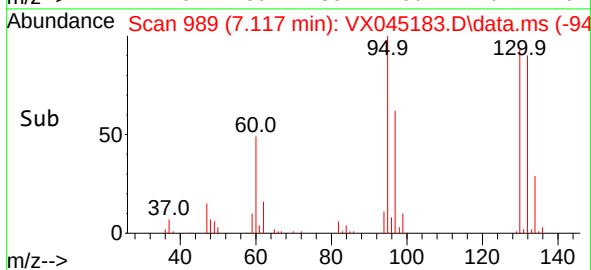
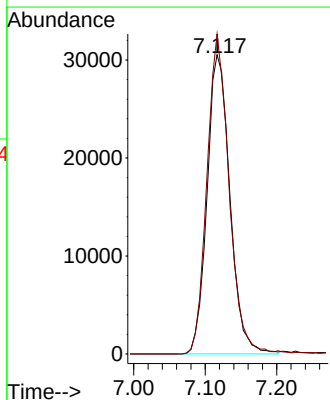
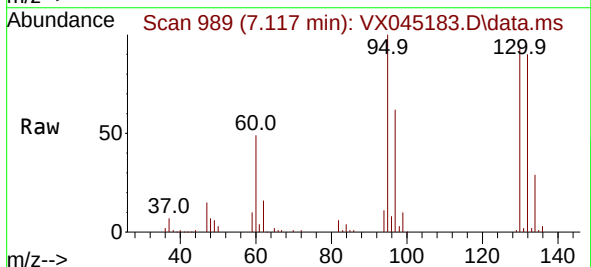
Manual Integrations
APPROVED

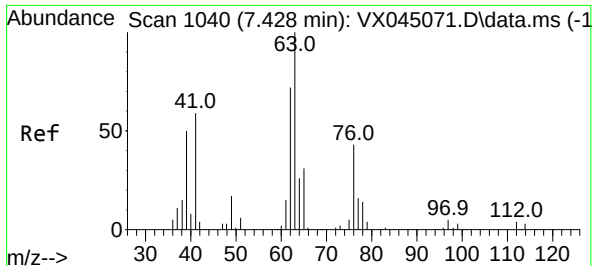
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#44
Trichloroethene
Concen: 49.573 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

Tgt Ion:130 Resp: 67819
Ion Ratio Lower Upper
130 100
95 107.0 0.0 205.0





#45

1,2-Dichloropropane

Concen: 50.538 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045183.D

Acq: 10 Mar 2025 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 7570

Ion Ratio Lower Upper

63 100

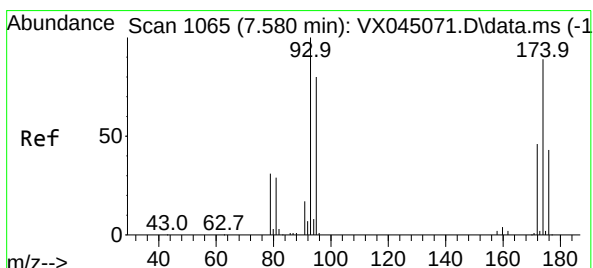
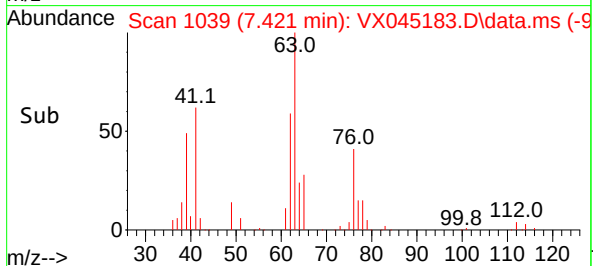
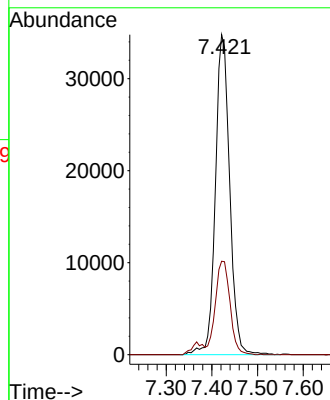
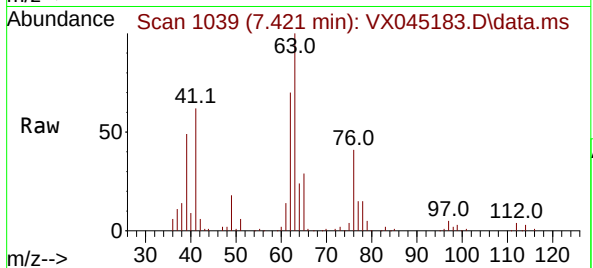
65 29.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/11/2025

Supervised By :Mahesh Dadoda 03/11/2025



#46

Dibromomethane

Concen: 51.179 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX045183.D

Acq: 10 Mar 2025 10:06

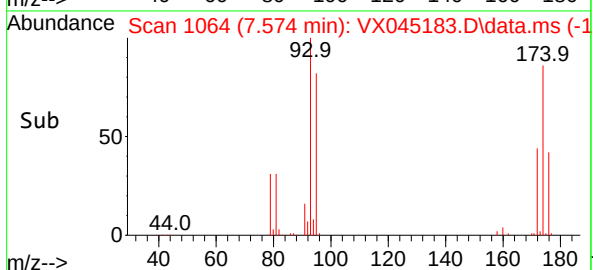
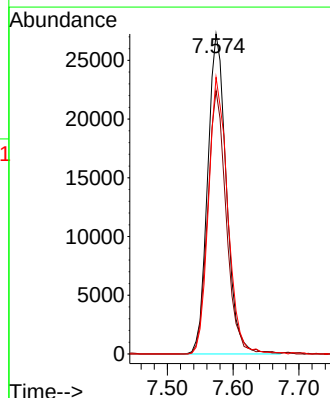
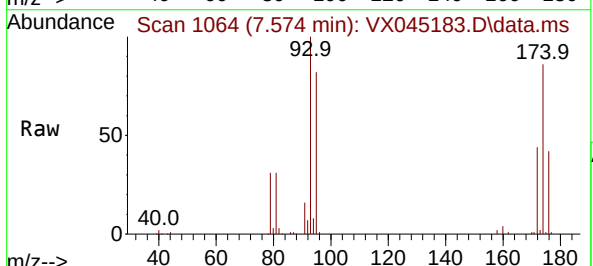
Tgt Ion: 93 Resp: 54188

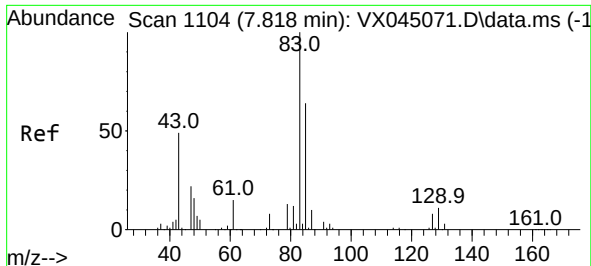
Ion Ratio Lower Upper

93 100

95 81.6 65.8 98.8

174 88.1 72.2 108.2





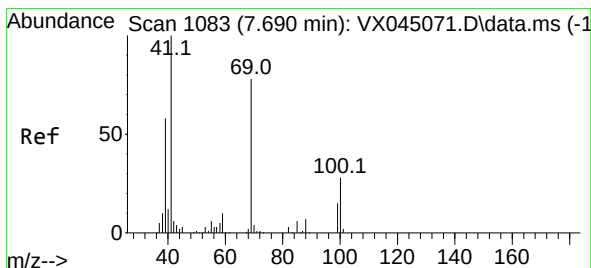
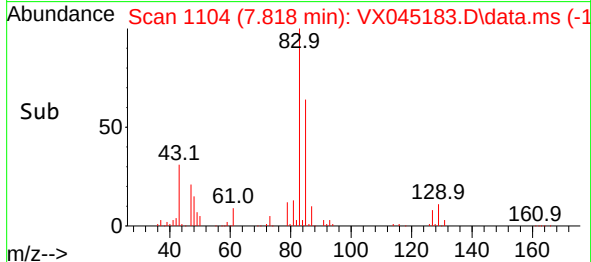
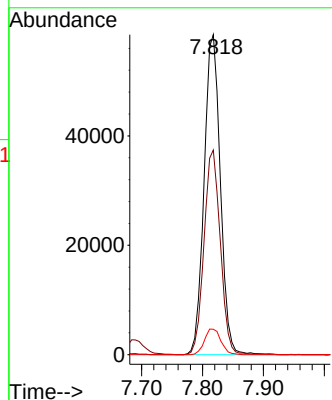
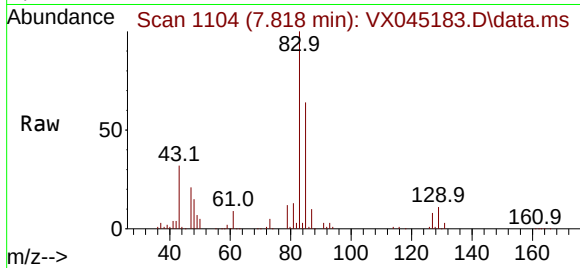
#47
Bromodichloromethane
Concen: 52.199 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 108400
Ion Ratio Lower Upper
83 100
85 63.9 51.1 76.7
127 7.9 6.4 9.6

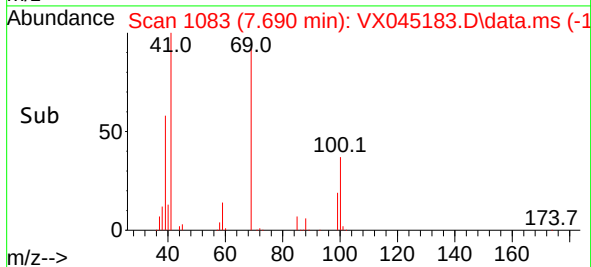
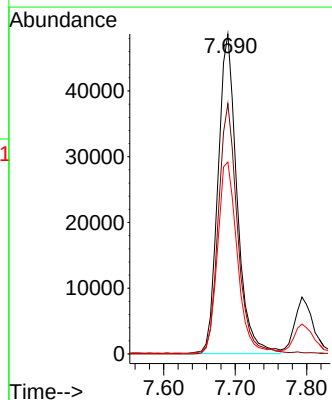
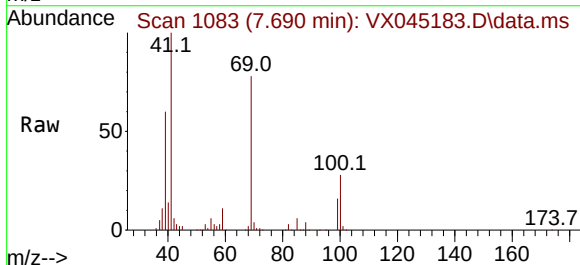
Manual Integrations
APPROVED

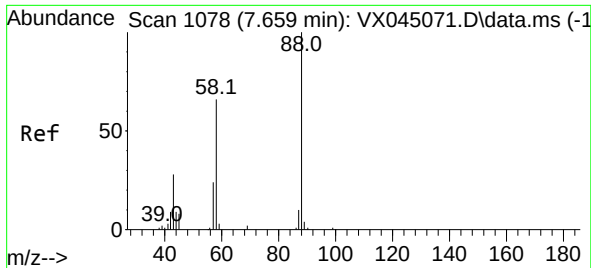
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#48
Methyl methacrylate
Concen: 50.975 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

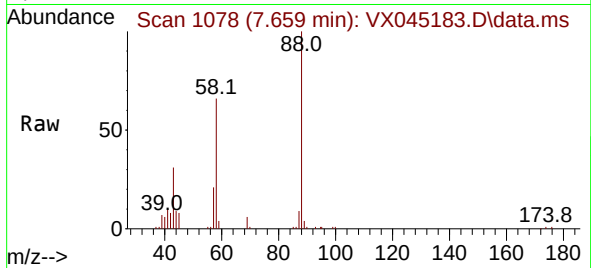
Tgt Ion: 41 Resp: 89906
Ion Ratio Lower Upper
41 100
69 78.5 63.0 94.6
39 62.5 47.5 71.3





#49
1,4-Dioxane
Concen: 836.168 ug/l
RT: 7.659 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

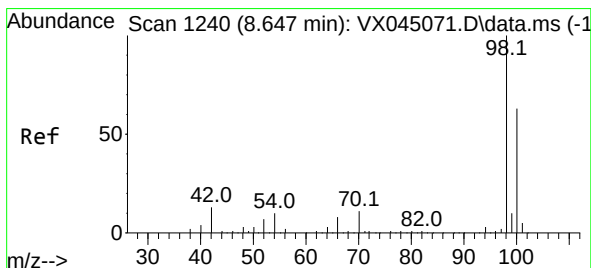
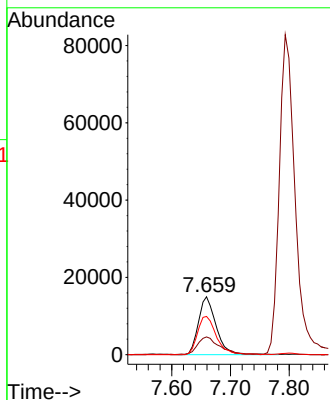
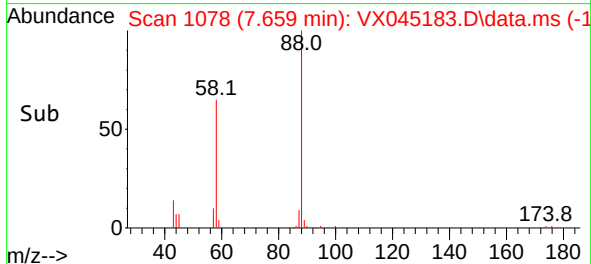
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 31109
Ion Ratio Lower Upper
88 100
43 37.1 28.7 43.1
58 70.8 55.8 83.8

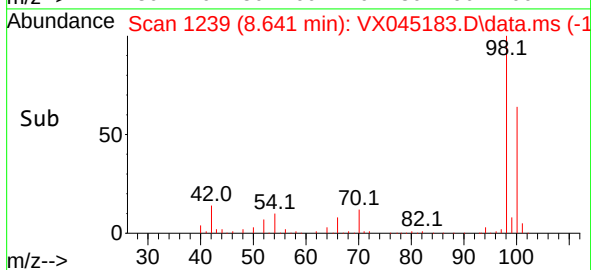
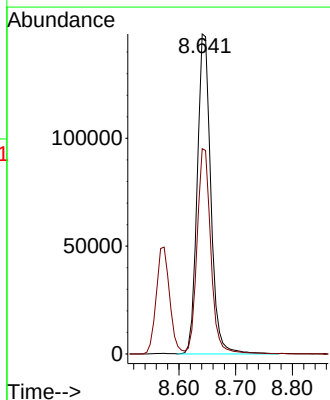
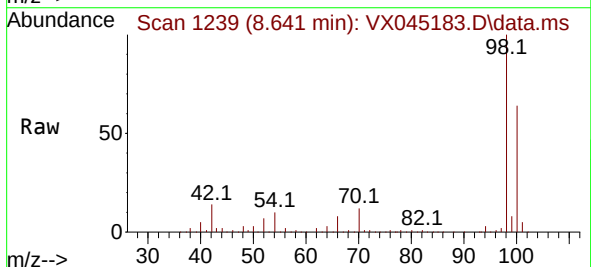
Manual Integrations
APPROVED

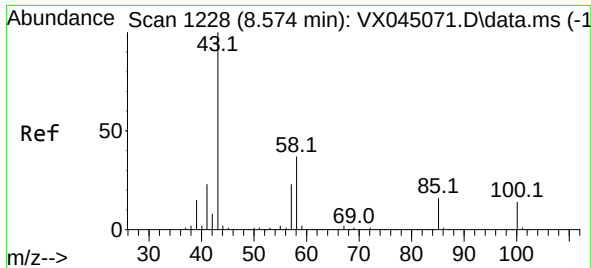
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#50
Toluene-d8
Concen: 50.697 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

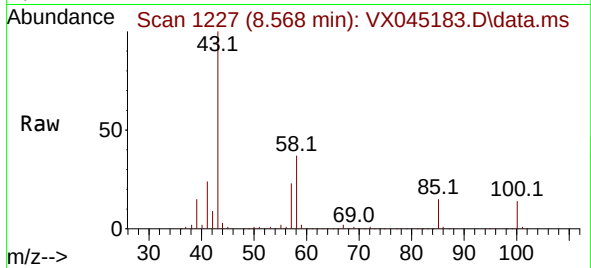
Tgt Ion: 98 Resp: 247275
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 249.597 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

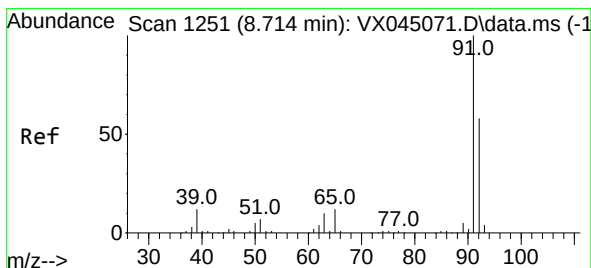
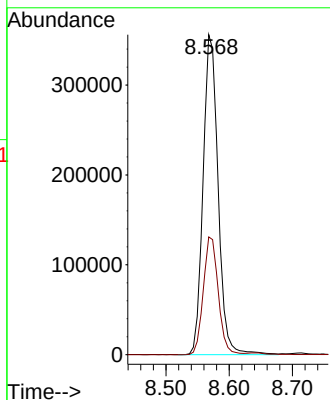
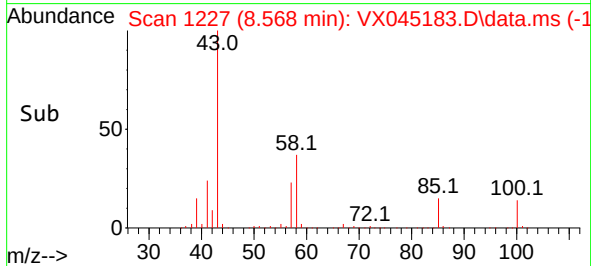
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 589180
Ion Ratio Lower Upper
43 100
58 36.7 29.2 43.8

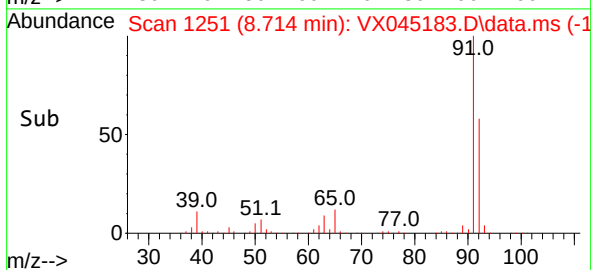
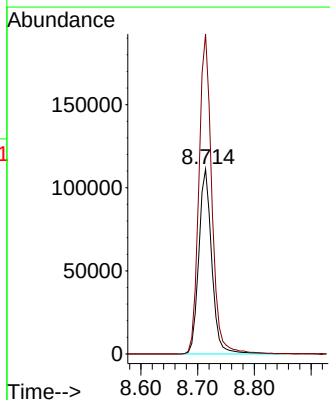
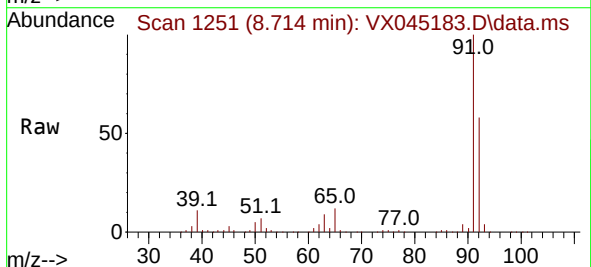
Manual Integrations
APPROVED

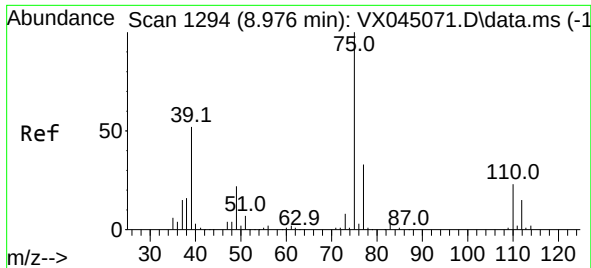
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#52
Toluene
Concen: 51.516 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

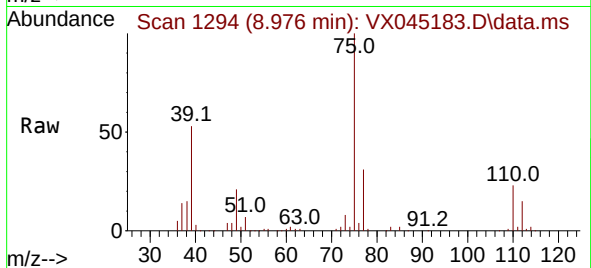
Tgt Ion: 92 Resp: 176101
Ion Ratio Lower Upper
92 100
91 172.9 138.9 208.3





#53
 t-1,3-Dichloropropene
 Concen: 59.017 ug/l
 RT: 8.976 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VX045183.D
 Acq: 10 Mar 2025 10:06

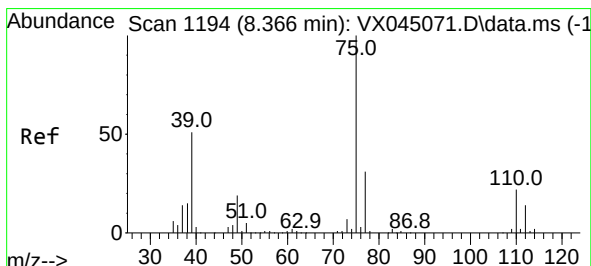
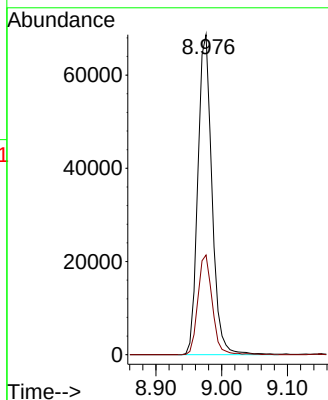
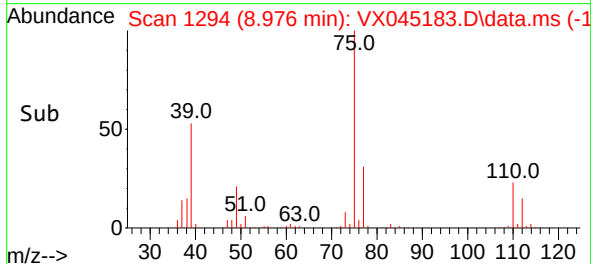
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 75 Resp: 10246
 Ion Ratio Lower Upper
 75 100
 77 31.1 26.5 39.7

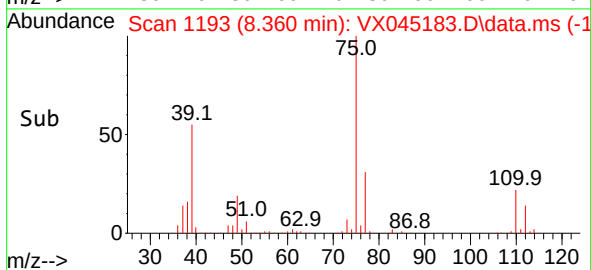
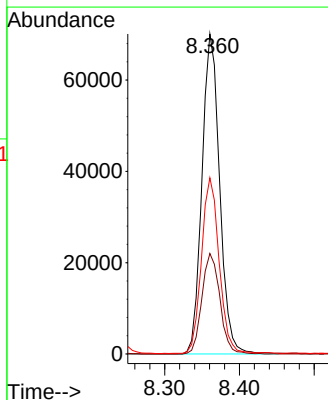
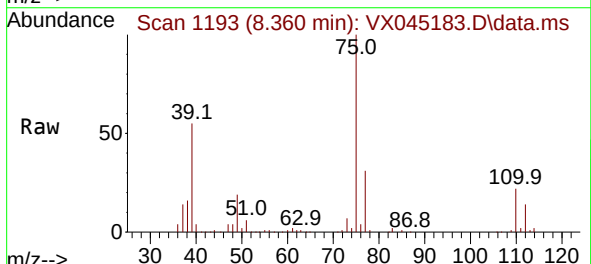
Manual Integrations
 APPROVED

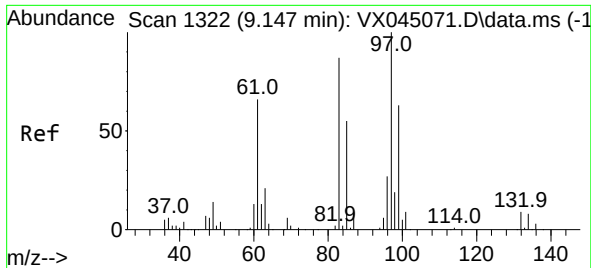
Reviewed By :John Carlone 03/11/2025
 Supervised By :Mahesh Dadoda 03/11/2025



#54
 cis-1,3-Dichloropropene
 Concen: 56.928 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: VX045183.D
 Acq: 10 Mar 2025 10:06

Tgt Ion: 75 Resp: 115256
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.7 37.1
 39 54.8 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 49.085 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 69070

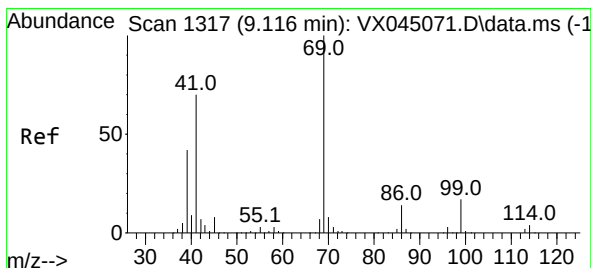
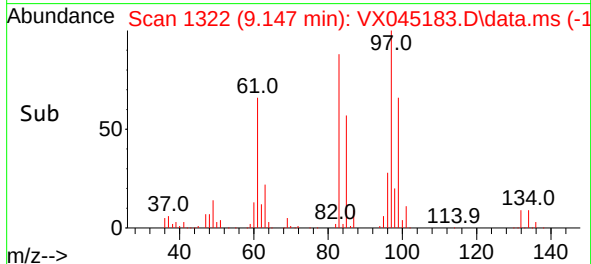
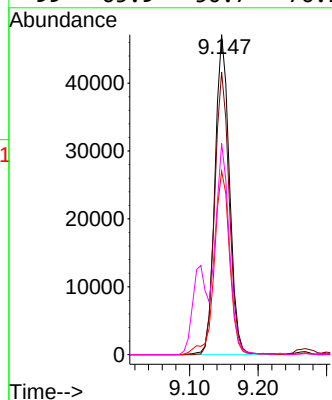
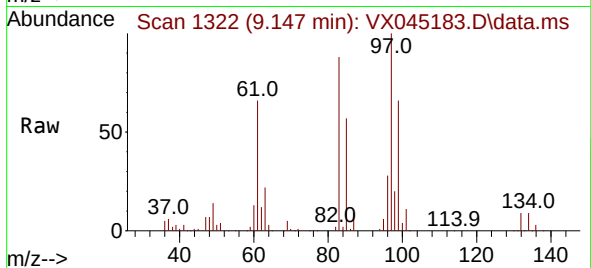
Ion	Ratio	Lower	Upper
97	100		
83	88.3	69.4	104.2
85	57.3	44.1	66.1
99	65.9	50.7	76.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/11/2025

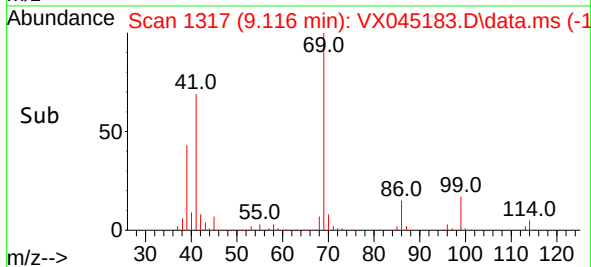
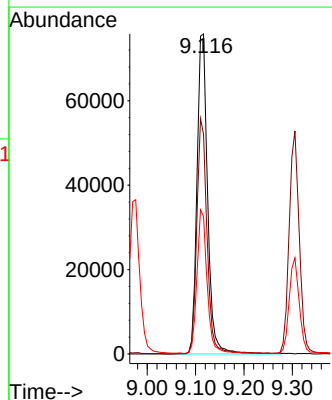
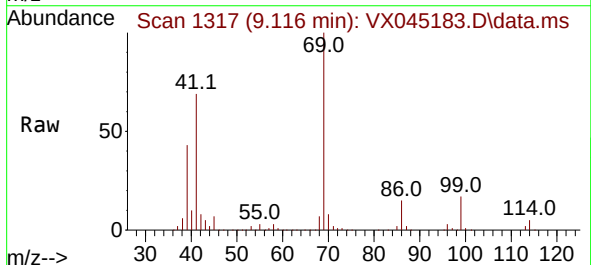
Supervised By :Mahesh Dadoda 03/11/2025

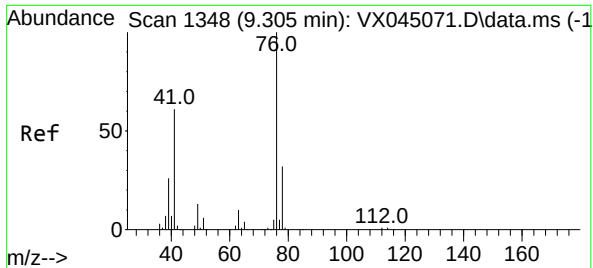


#56
Ethyl methacrylate
Concen: 53.926 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

Tgt Ion: 69 Resp: 115354

Ion	Ratio	Lower	Upper
69	100		
41	71.4	57.0	85.4
39	43.0	34.2	51.4





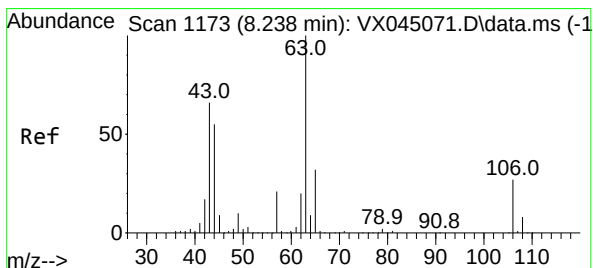
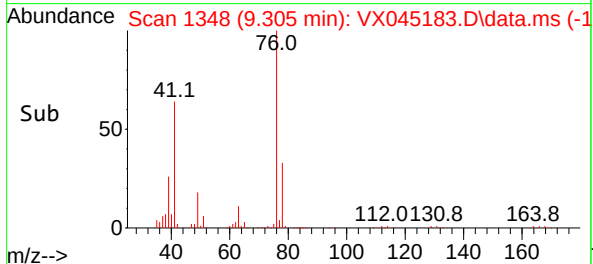
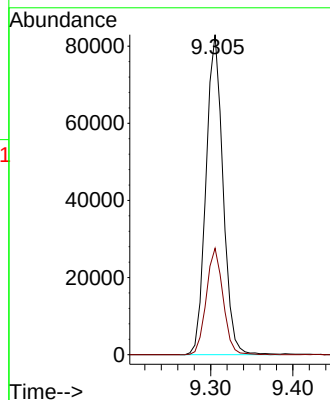
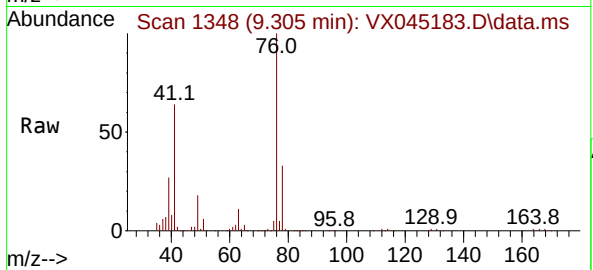
#57
1,3-Dichloropropane
Concen: 48.945 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 119199
Ion Ratio Lower Upper
76 100
78 32.8 25.5 38.3

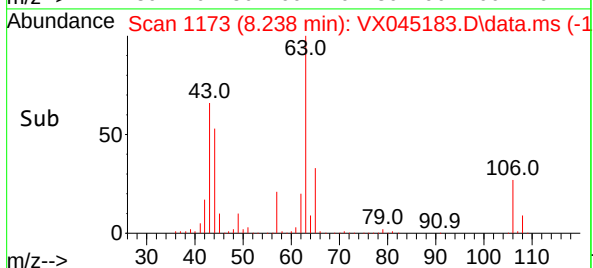
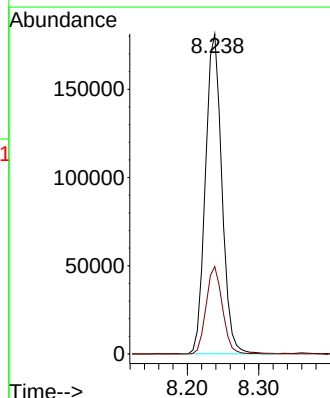
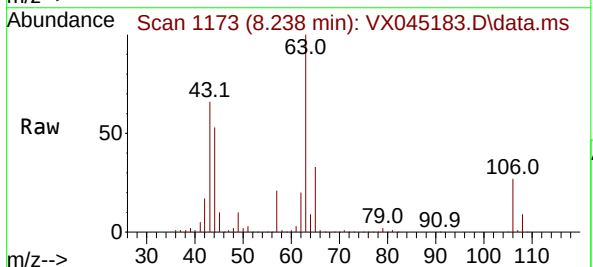
Manual Integrations
APPROVED

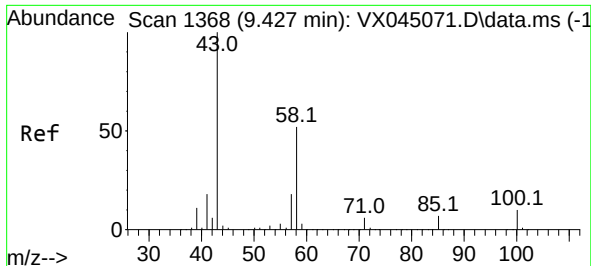
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#58
2-Chloroethyl Vinyl ether
Concen: 277.227 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

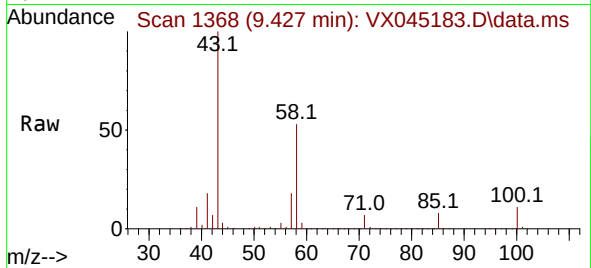
Tgt Ion: 63 Resp: 289282
Ion Ratio Lower Upper
63 100
106 27.1 21.5 32.3





#59
2-Hexanone
Concen: 247.351 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

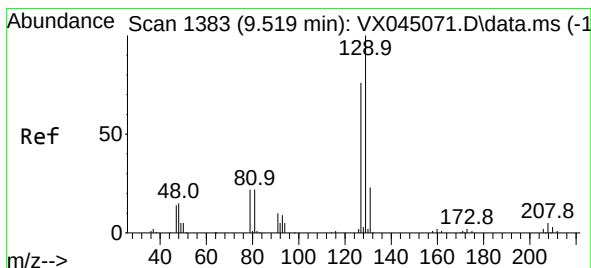
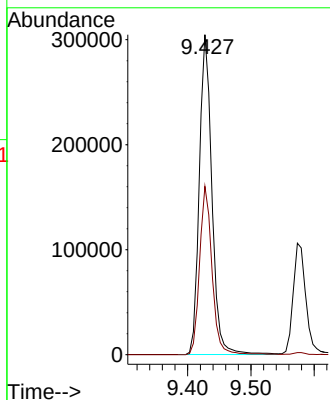
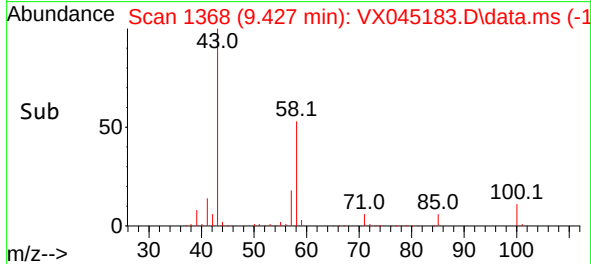
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 423044
Ion Ratio Lower Upper
43 100
58 52.0 25.9 77.6

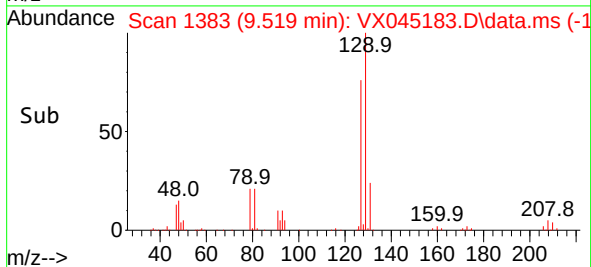
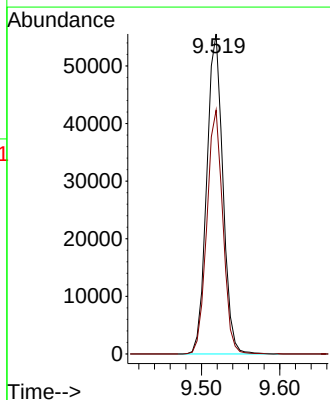
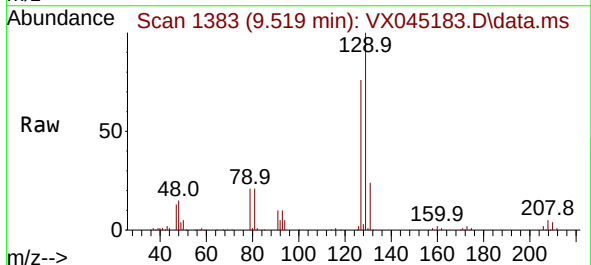
Manual Integrations
APPROVED

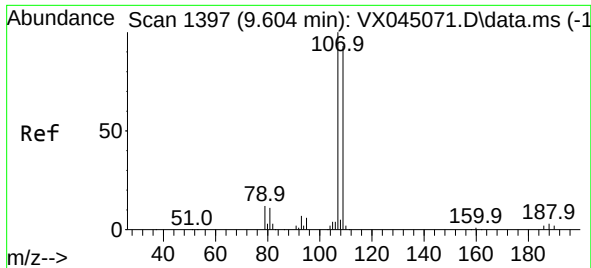
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#60
Dibromochloromethane
Concen: 53.957 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

Tgt Ion:129 Resp: 79393
Ion Ratio Lower Upper
129 100
127 75.3 38.5 115.5





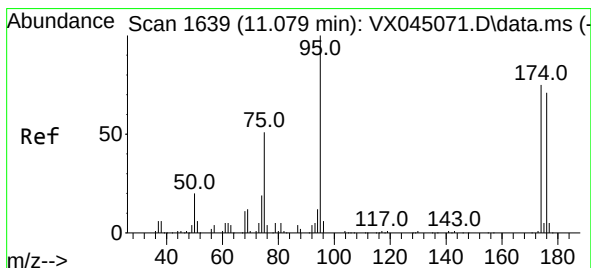
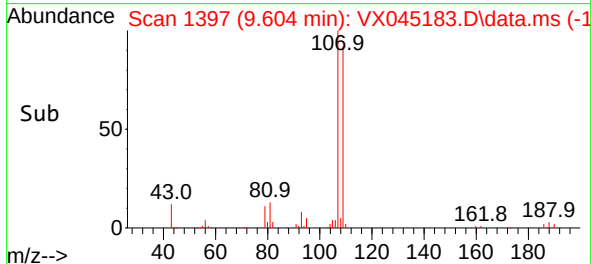
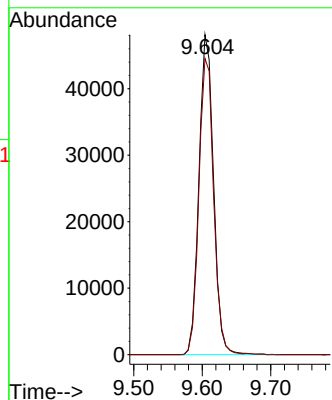
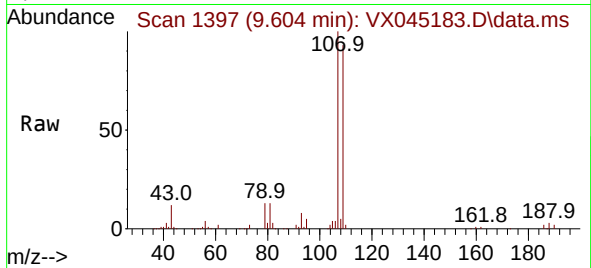
#61
1,2-Dibromoethane
Concen: 50.868 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 71462
Ion Ratio Lower Upper
107 100
109 93.8 76.1 114.1

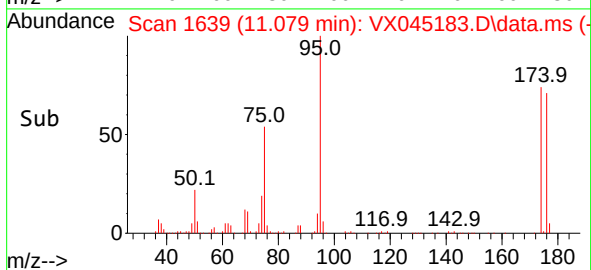
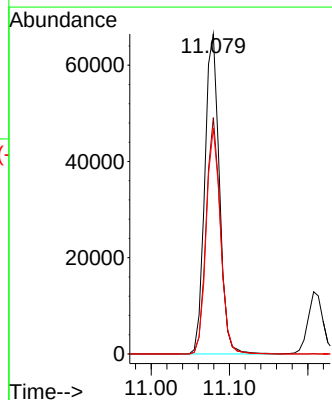
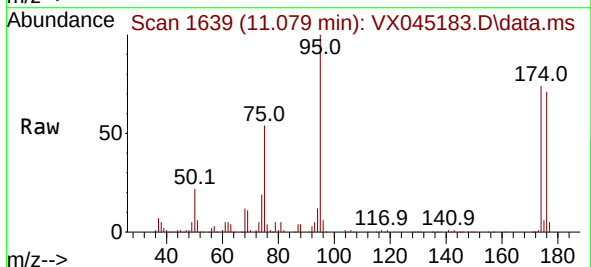
Manual Integrations
APPROVED

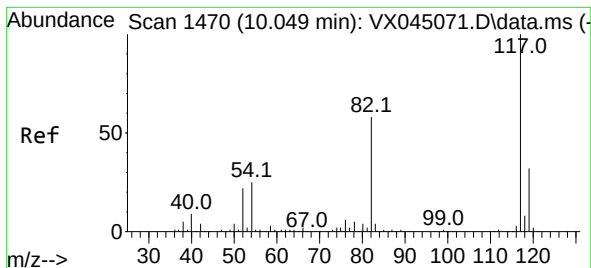
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#62
4-Bromofluorobenzene
Concen: 53.054 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

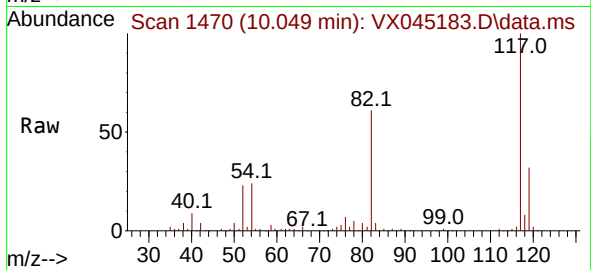
Tgt Ion: 95 Resp: 85749
Ion Ratio Lower Upper
95 100
174 71.9 0.0 148.2
176 69.3 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

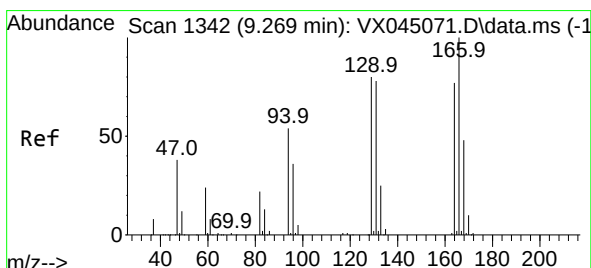
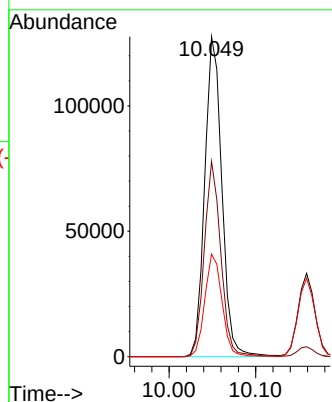
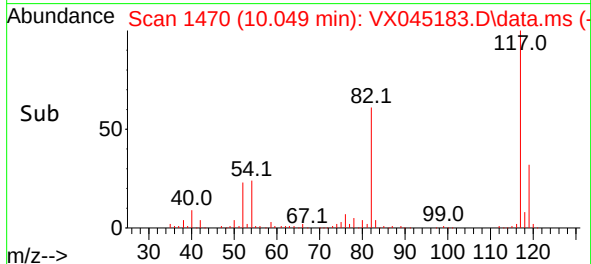
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 17559
Ion Ratio Lower Upper
117 100
82 61.0 46.3 69.5
119 32.1 25.7 38.5

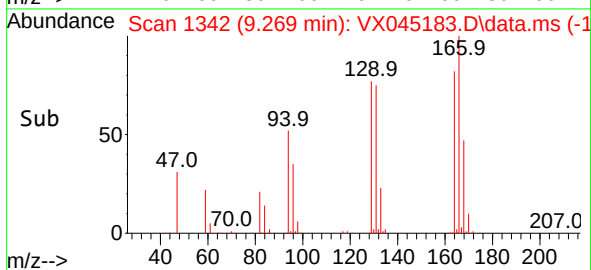
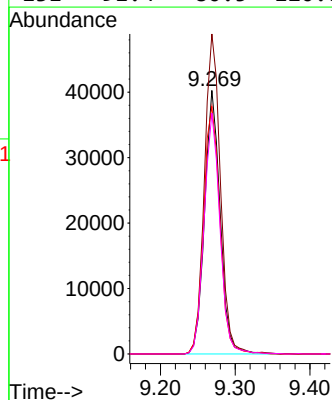
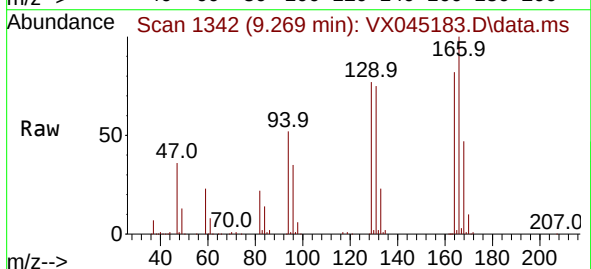
Manual Integrations
APPROVED

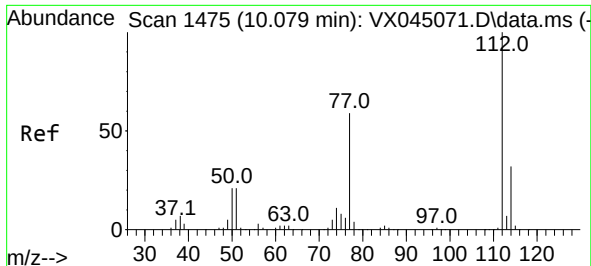
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#64
Tetrachloroethene
Concen: 51.762 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

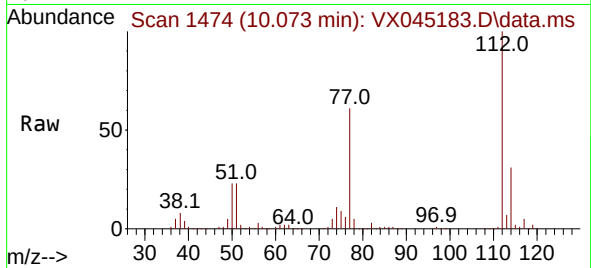
Tgt Ion:164 Resp: 58211
Ion Ratio Lower Upper
164 100
166 121.4 103.6 155.4
129 93.9 82.7 124.1
131 91.4 80.5 120.7





#65
Chlorobenzene
Concen: 51.488 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

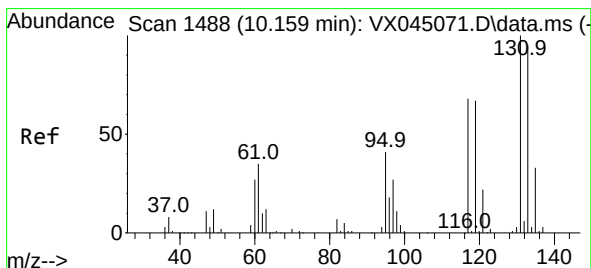
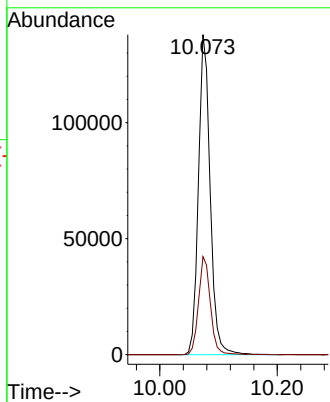
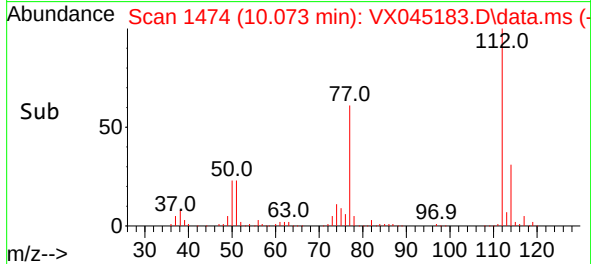
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



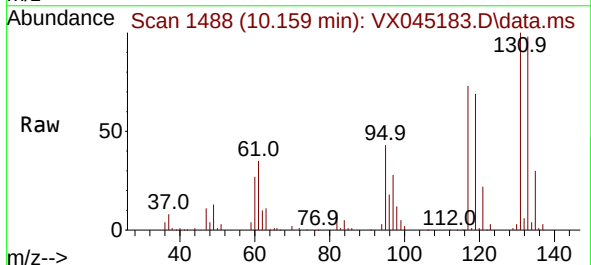
Tgt Ion:112 Resp: 191302
Ion Ratio Lower Upper
112 100
114 30.7 26.0 39.0

Manual Integrations
APPROVED

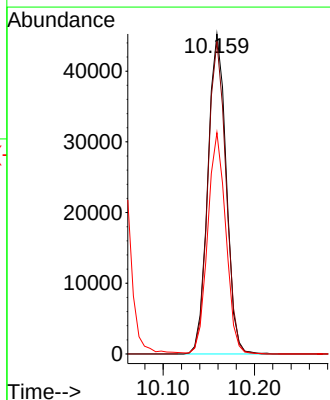
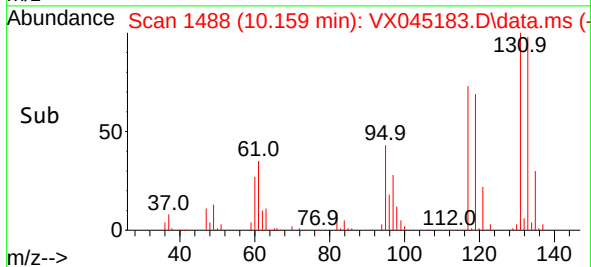
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

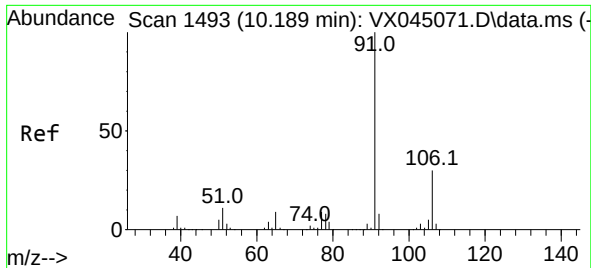


#66
1,1,1,2-Tetrachloroethane
Concen: 51.011 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06



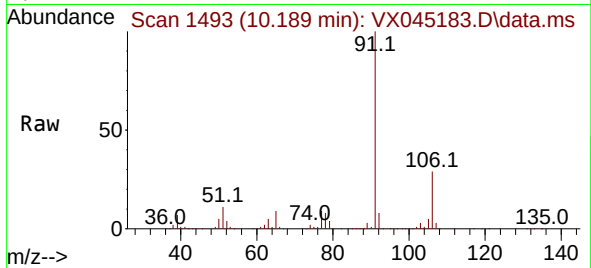
Tgt Ion:131 Resp: 63118
Ion Ratio Lower Upper
131 100
133 96.2 48.6 145.9
119 68.2 33.9 101.7





#67
Ethyl Benzene
Concen: 52.516 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

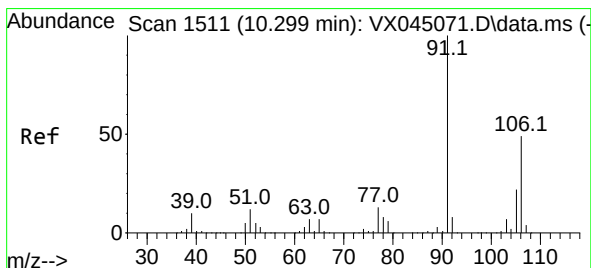
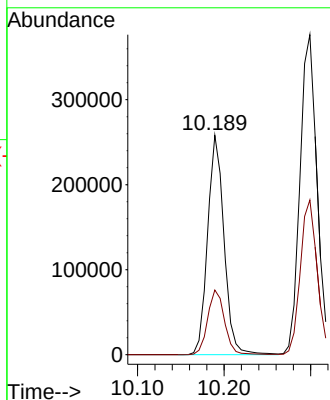
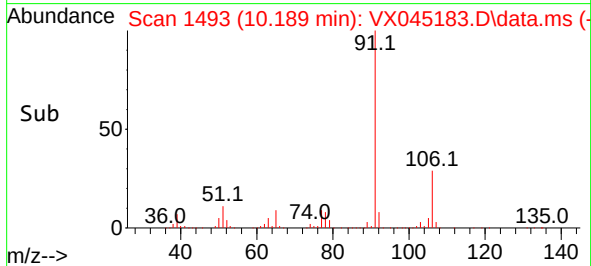
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



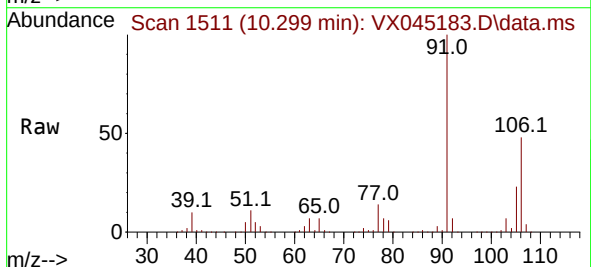
Tgt Ion: 91 Resp: 339985
Ion Ratio Lower Upper
91 100
106 29.5 23.9 35.9

Manual Integrations
APPROVED

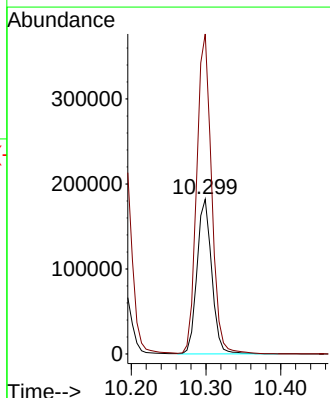
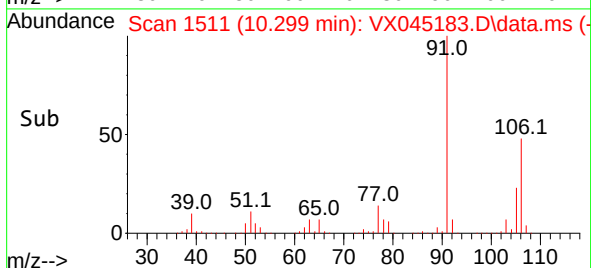
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

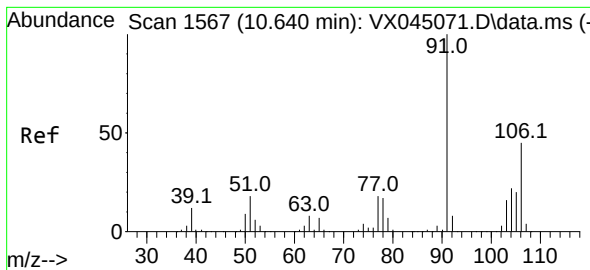


#68
m/p-Xylenes
Concen: 105.093 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06



Tgt Ion:106 Resp: 249065
Ion Ratio Lower Upper
106 100
91 209.3 165.4 248.0





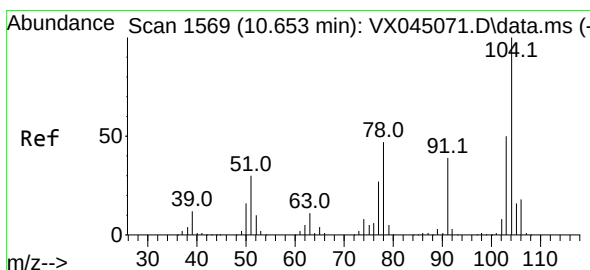
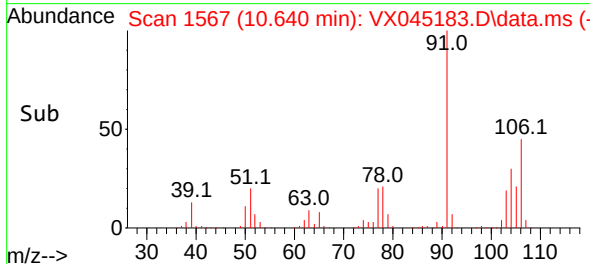
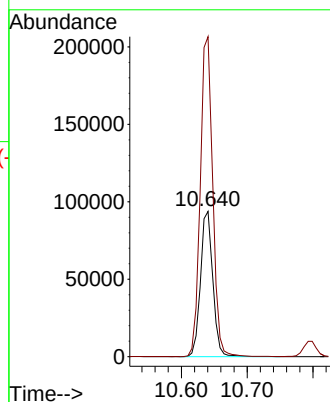
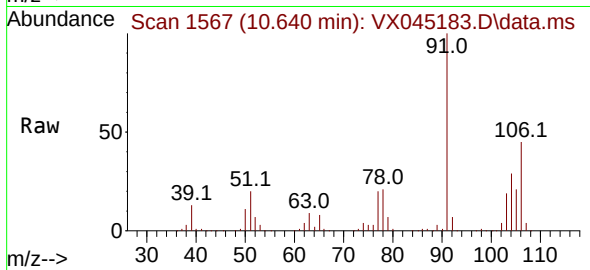
#69
o-Xylene
Concen: 51.028 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 12197
Ion Ratio Lower Upper
106 100
91 223.2 109.9 329.6

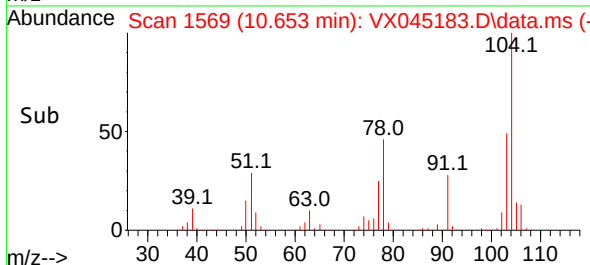
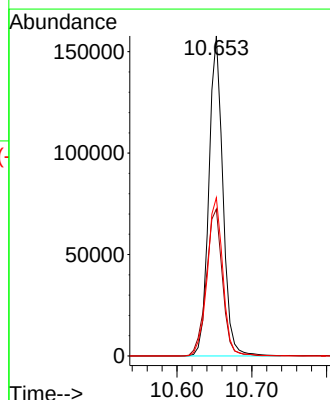
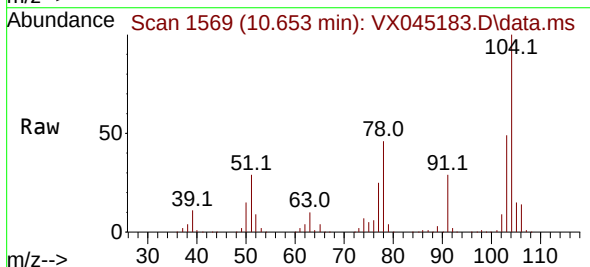
Manual Integrations
APPROVED

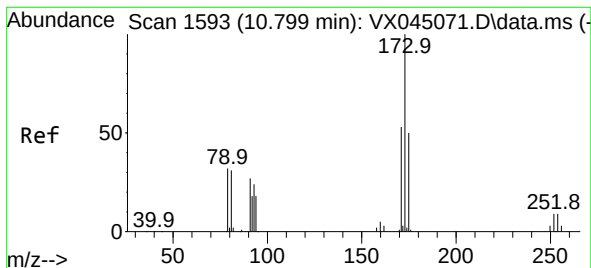
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#70
Styrene
Concen: 53.127 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

Tgt Ion:104 Resp: 205472
Ion Ratio Lower Upper
104 100
78 53.2 42.2 63.4
103 54.9 43.8 65.8





#71

Bromoform

Concen: 55.438 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX045183.D

Acq: 10 Mar 2025 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

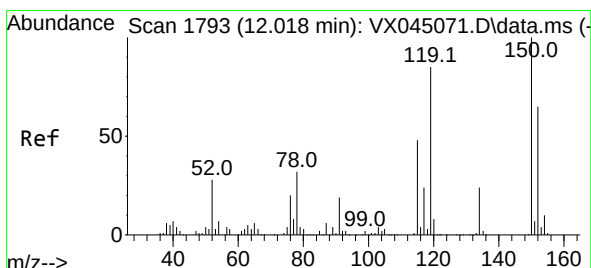
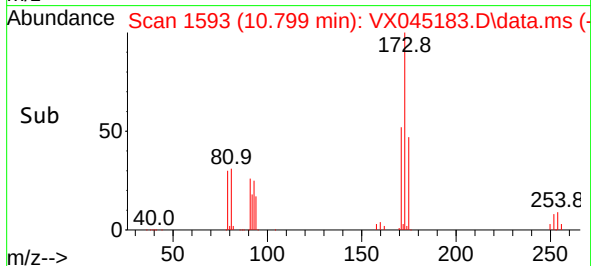
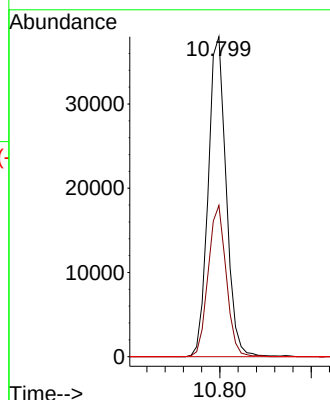
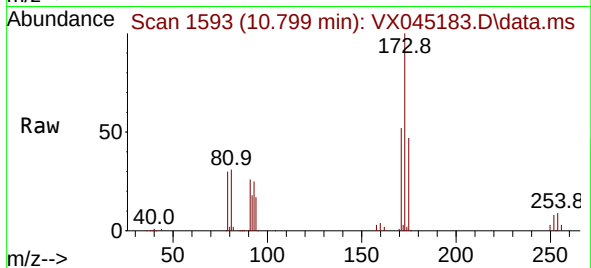
Tgt Ion:173	Resp:	5172
Ion Ratio	Lower	Upper
173	100	
175	47.5	24.6 73.6
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/11/2025

Supervised By :Mahesh Dadoda 03/11/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

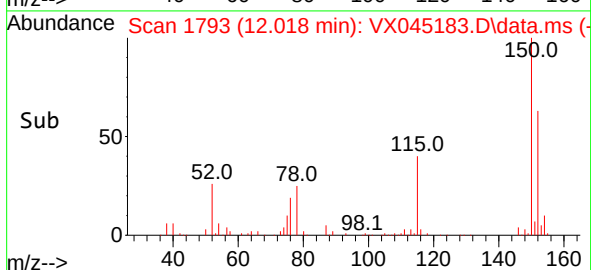
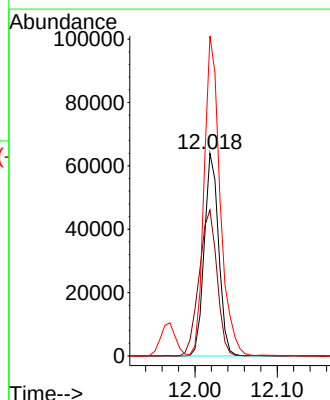
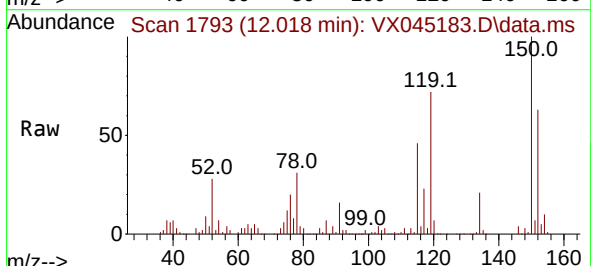
RT: 12.018 min Scan# 1793

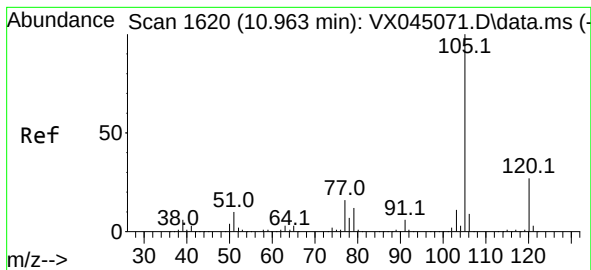
Delta R.T. 0.000 min

Lab File: VX045183.D

Acq: 10 Mar 2025 10:06

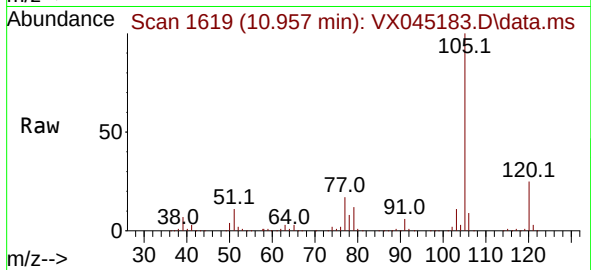
Tgt Ion:152	Resp:	77718
Ion Ratio	Lower	Upper
152	100	
115	89.7	44.2 132.6
150	174.0	0.0 349.0





#73
Isopropylbenzene
Concen: 52.853 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

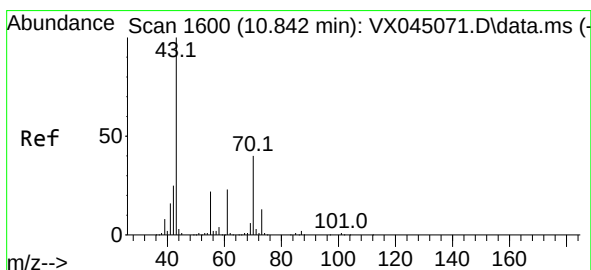
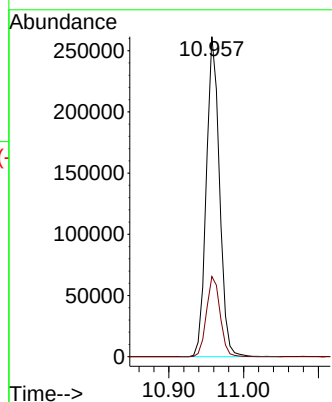
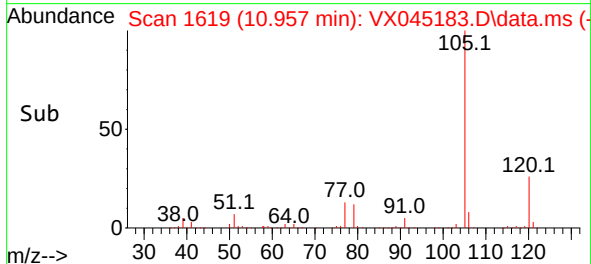
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 320610
Ion Ratio Lower Upper
105 100
120 25.9 13.2 39.5

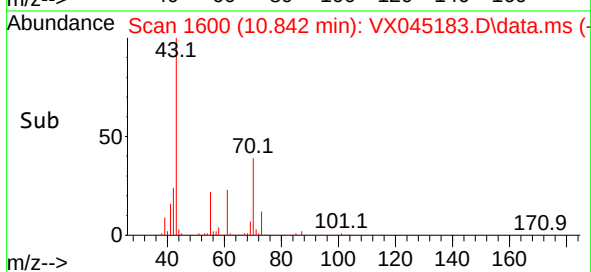
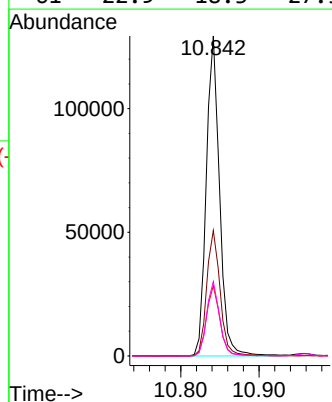
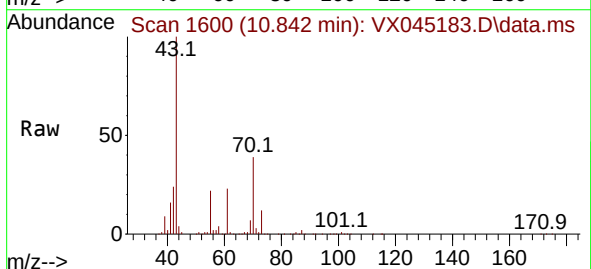
Manual Integrations
APPROVED

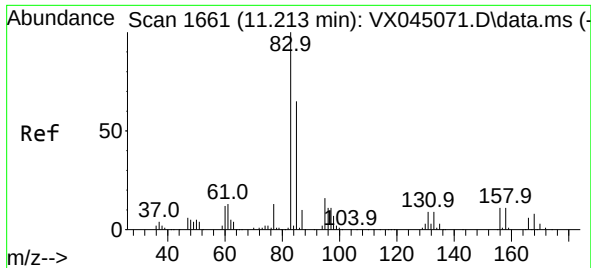
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#74
N-ethyl acetate
Concen: 53.397 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

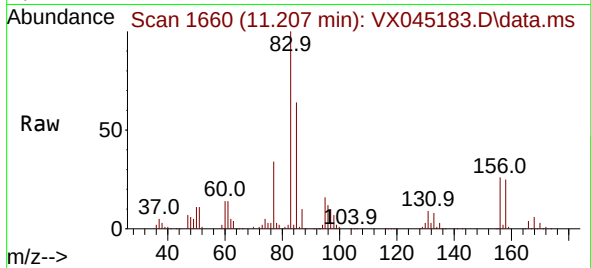
Tgt Ion: 43 Resp: 151990
Ion Ratio Lower Upper
43 100
70 39.7 31.8 47.6
55 22.3 18.3 27.5
61 22.9 18.3 27.5





#75
1,1,2,2-Tetrachloroethane
Concen: 47.785 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

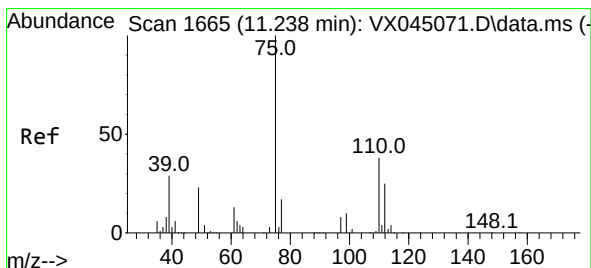
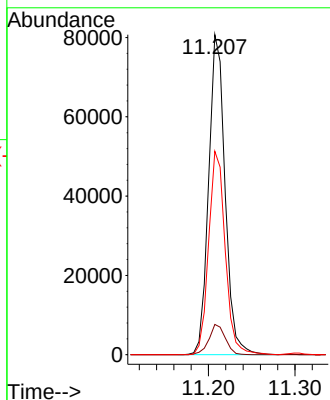
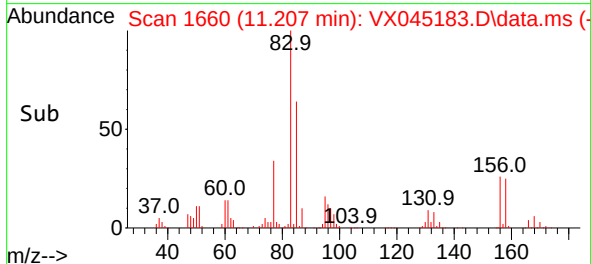
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 106372
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.4
85 64.1 31.7 95.1

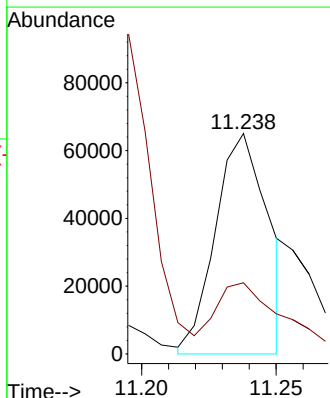
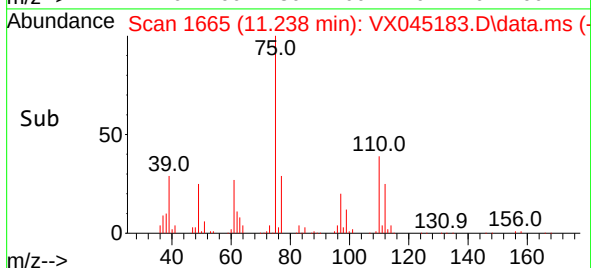
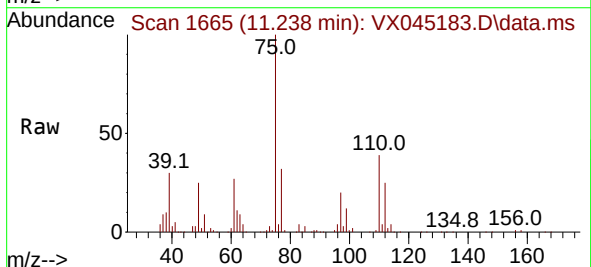
Manual Integrations
APPROVED

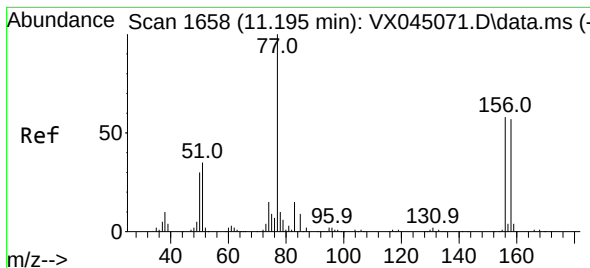
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#76
1,2,3-Trichloropropane
Concen: 48.828 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

Tgt Ion: 75 Resp: 88324
Ion Ratio Lower Upper
75 100
77 42.0 20.7 62.1





#77

Bromobenzene

Concen: 51.150 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX045183.D

Acq: 10 Mar 2025 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

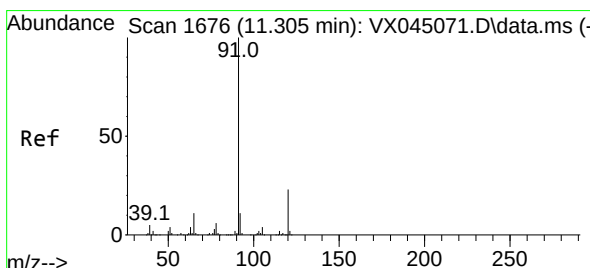
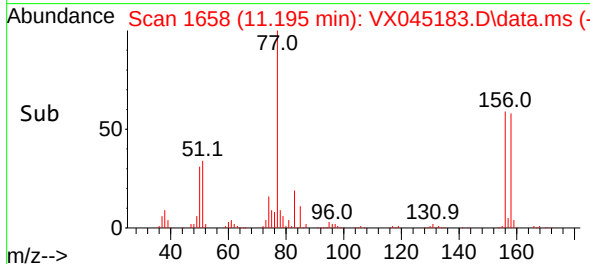
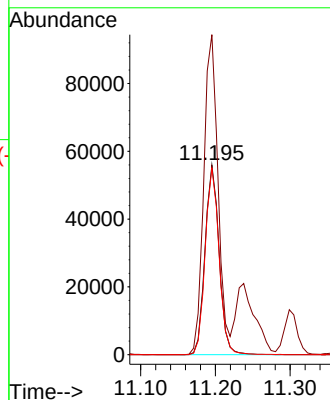
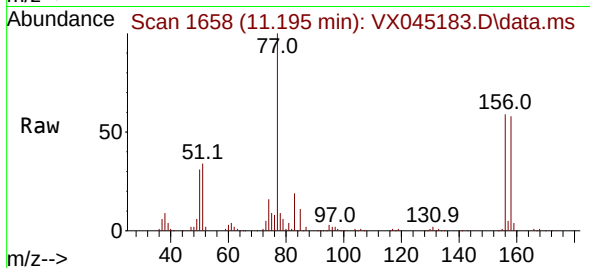
Tgt Ion:	156	Resp:	73209
Ion Ratio	Lower	Upper	
156	100		
77	170.9	85.8	257.4
158	97.6	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/11/2025

Supervised By :Mahesh Dadoda 03/11/2025



#78

n-propylbenzene

Concen: 54.788 ug/l

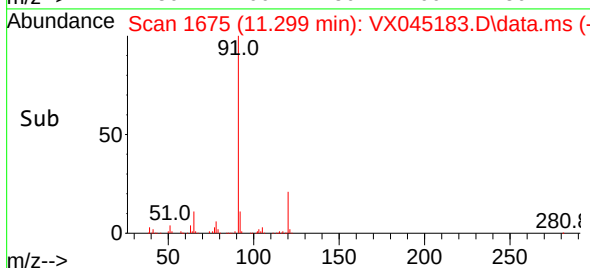
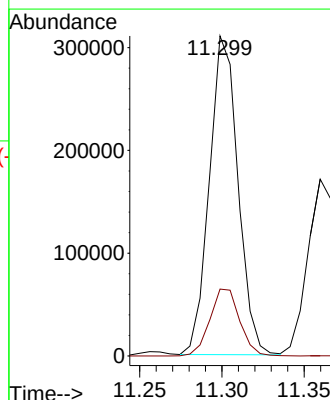
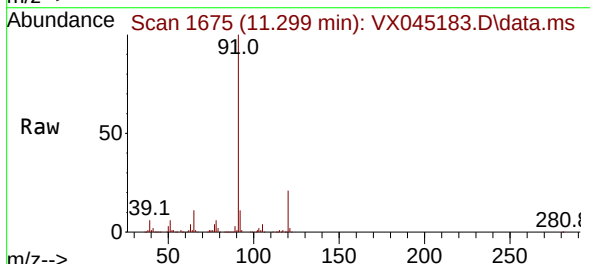
RT: 11.299 min Scan# 1675

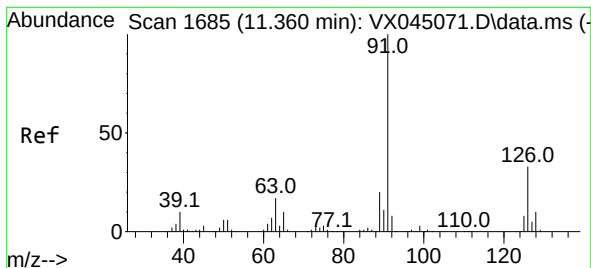
Delta R.T. -0.006 min

Lab File: VX045183.D

Acq: 10 Mar 2025 10:06

Tgt Ion:	91	Resp:	375437
Ion Ratio	Lower	Upper	
91	100		
120	22.0	11.2	33.6





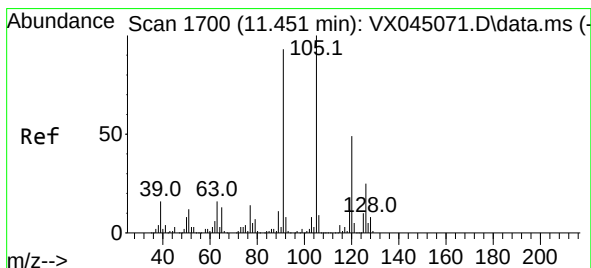
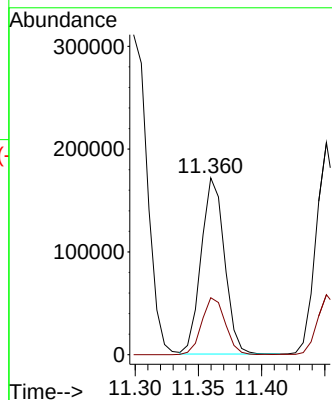
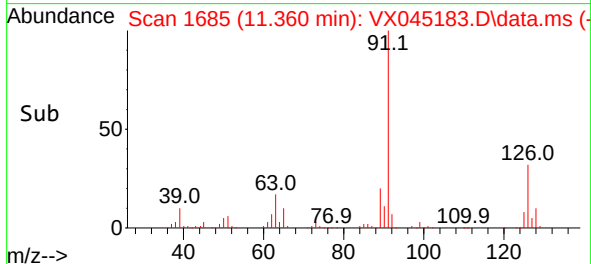
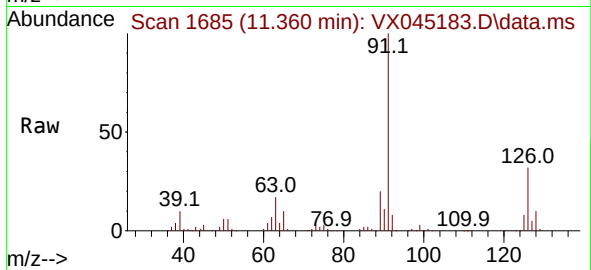
#79
2-Chlorotoluene
Concen: 50.523 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 220488
Ion Ratio Lower Upper
91 100
126 32.6 16.4 49.4

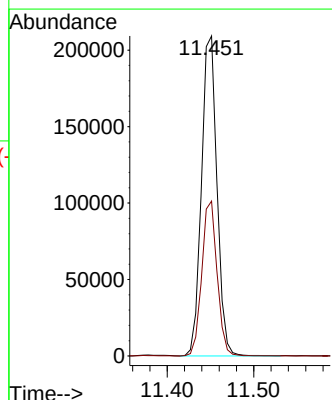
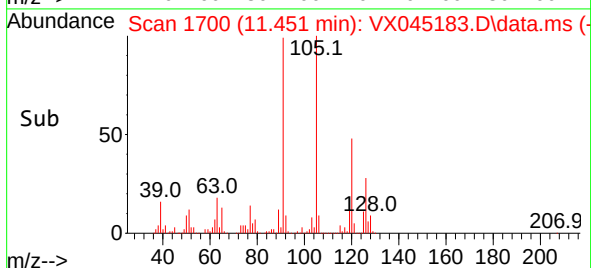
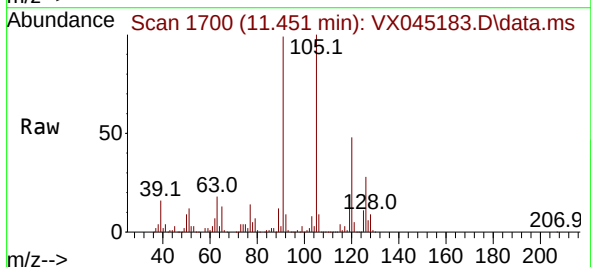
Manual Integrations
APPROVED

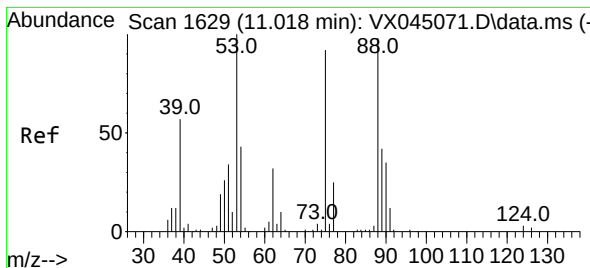
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.110 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

Tgt Ion:105 Resp: 260502
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.2





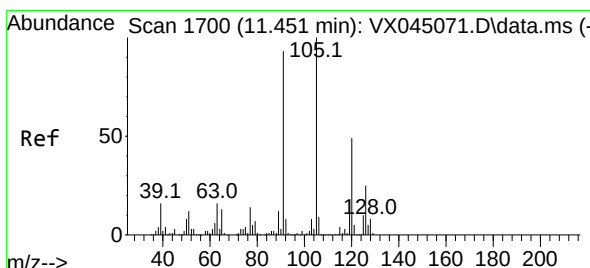
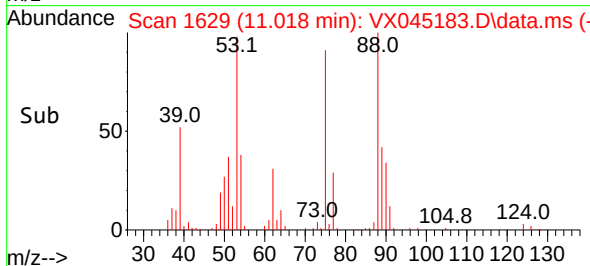
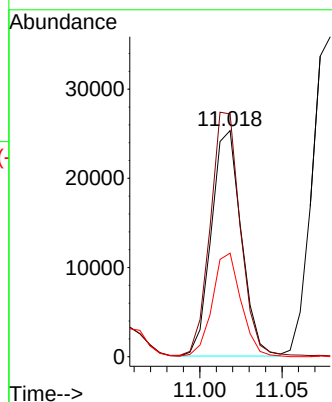
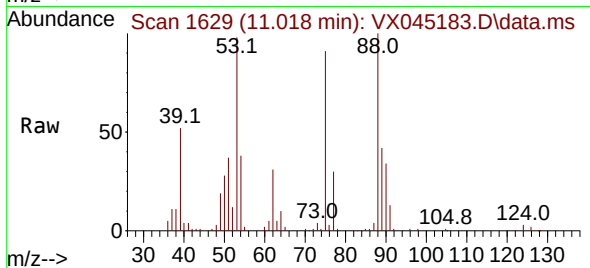
#81
trans-1,4-Dichloro-2-butene
Concen: 60.738 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 3210
Ion Ratio Lower Upper
75 100
53 109.4 88.5 132.7
89 44.2 36.2 54.4

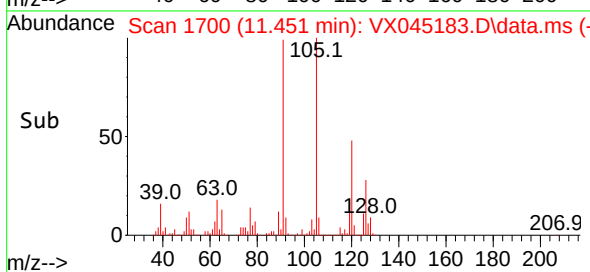
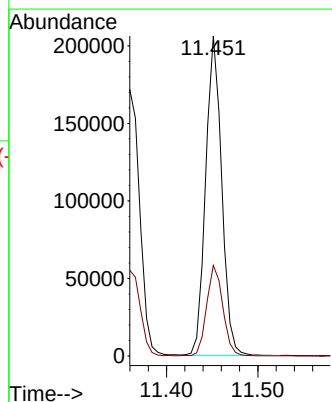
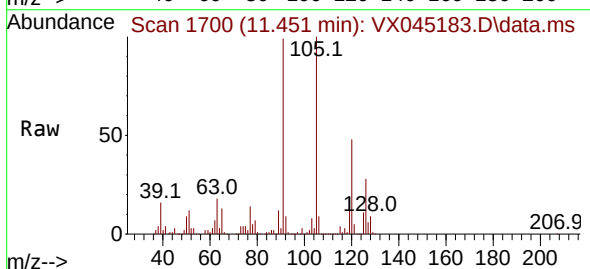
Manual Integrations
APPROVED

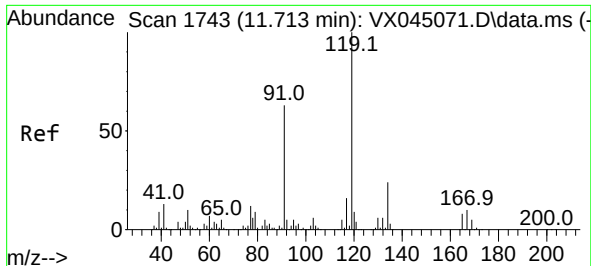
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#82
4-Chlorotoluene
Concen: 52.759 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

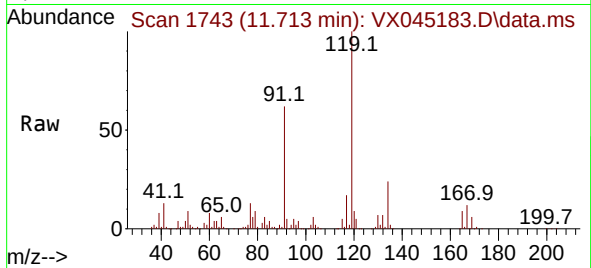
Tgt Ion: 91 Resp: 250938
Ion Ratio Lower Upper
91 100
126 28.6 14.1 42.4





#83
tert-Butylbenzene
Concen: 52.398 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

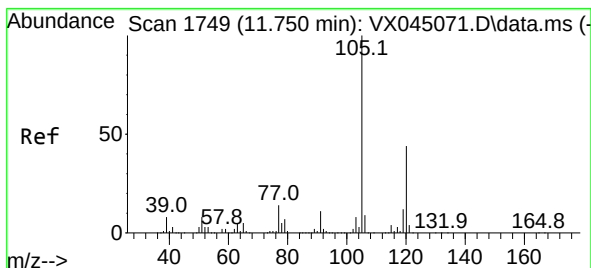
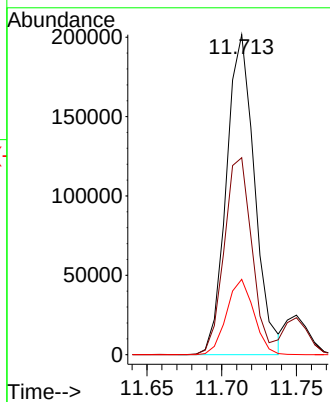
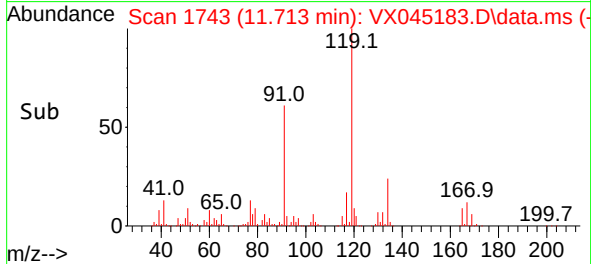
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



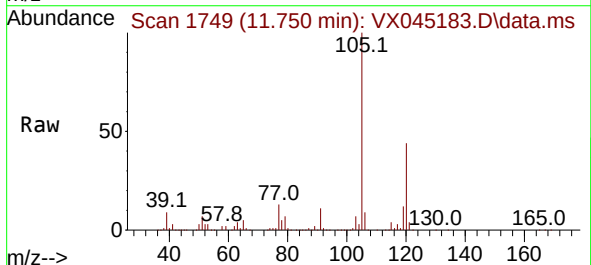
Tgt Ion:119 Resp: 264070
Ion Ratio Lower Upper
119 100
91 60.2 30.7 92.1
134 22.7 11.7 35.0

Manual Integrations
APPROVED

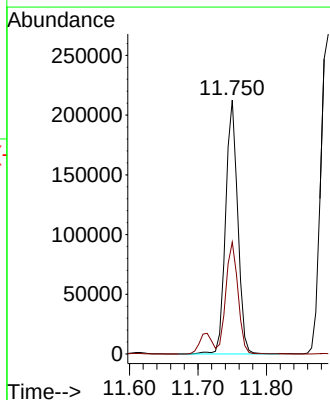
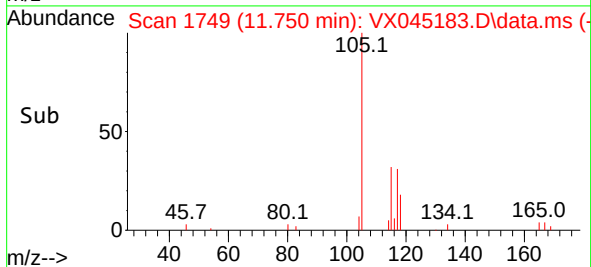
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

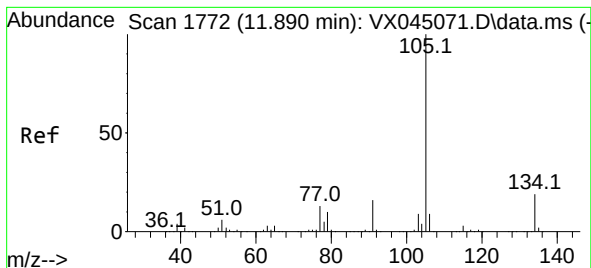


#84
1,2,4-Trimethylbenzene
Concen: 52.673 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06



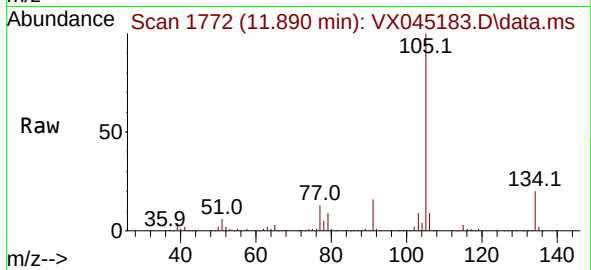
Tgt Ion:105 Resp: 259958
Ion Ratio Lower Upper
105 100
120 44.4 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 55.257 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045183.D
 Acq: 10 Mar 2025 10:06

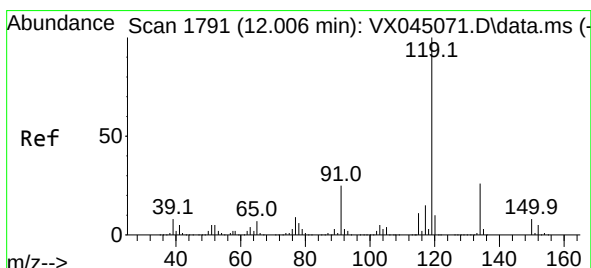
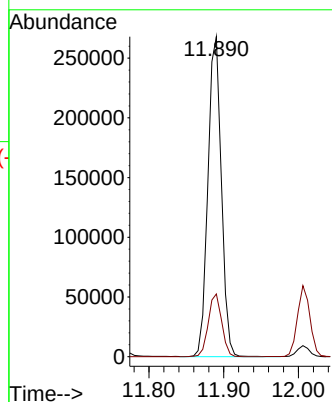
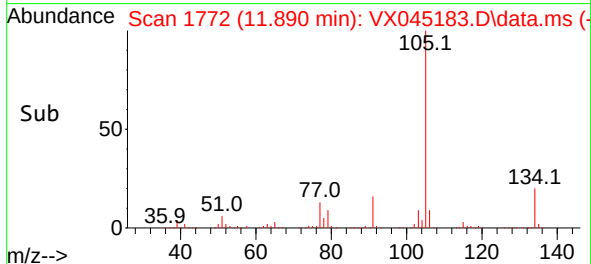
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



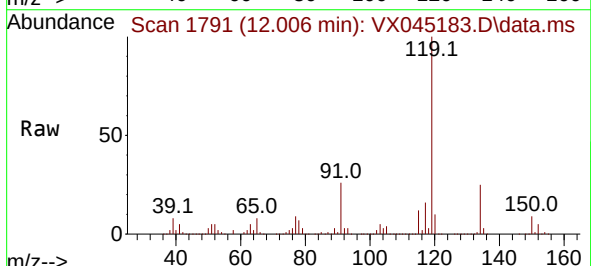
Tgt Ion:105 Resp: 333580
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

Manual Integrations
 APPROVED

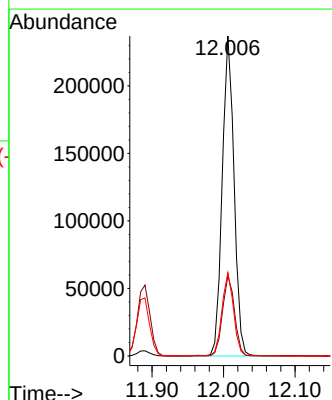
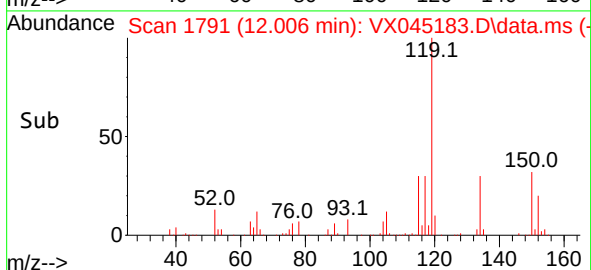
Reviewed By :John Carlone 03/11/2025
 Supervised By :Mahesh Dadoda 03/11/2025

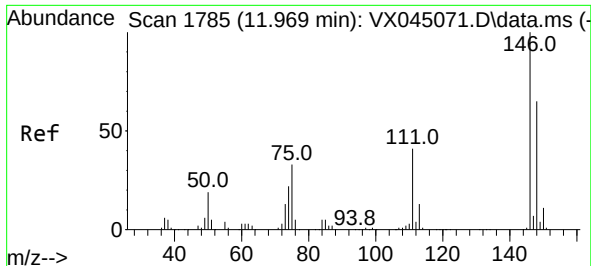


#86
 p-Isopropyltoluene
 Concen: 55.812 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045183.D
 Acq: 10 Mar 2025 10:06



Tgt Ion:119 Resp: 272285
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.6
 91 25.6 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 51.855 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045183.D

Acq: 10 Mar 2025 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 132399

Ion Ratio Lower Upper

146 100

111 42.3 21.1 63.4

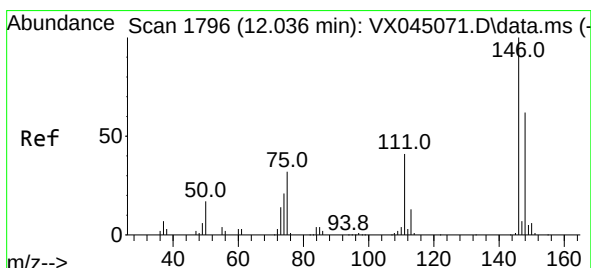
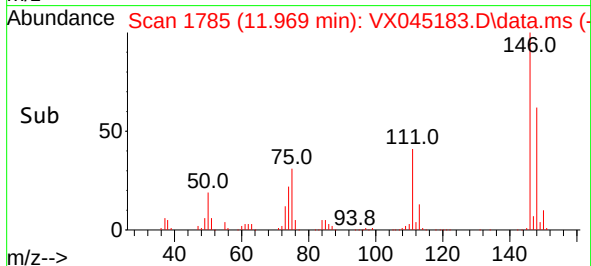
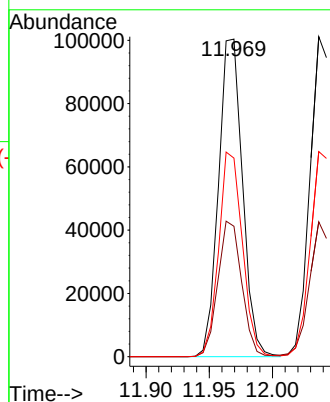
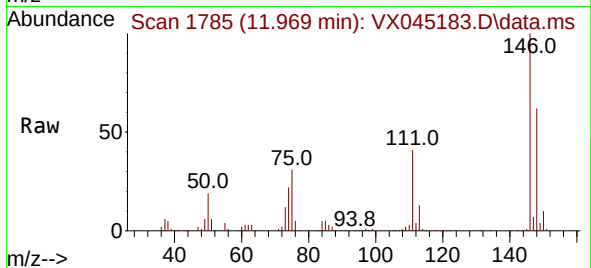
148 63.5 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/11/2025

Supervised By :Mahesh Dadoda 03/11/2025



#88

1,4-Dichlorobenzene

Concen: 50.472 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX045183.D

Acq: 10 Mar 2025 10:06

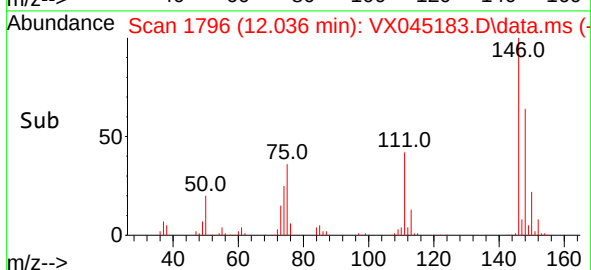
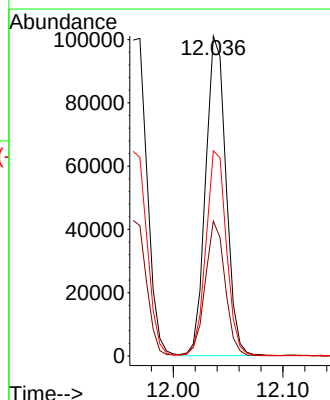
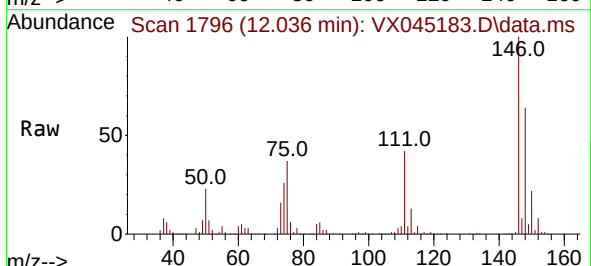
Tgt Ion:146 Resp: 130377

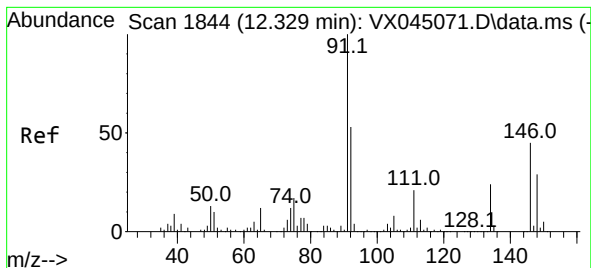
Ion Ratio Lower Upper

146 100

111 41.4 20.2 60.5

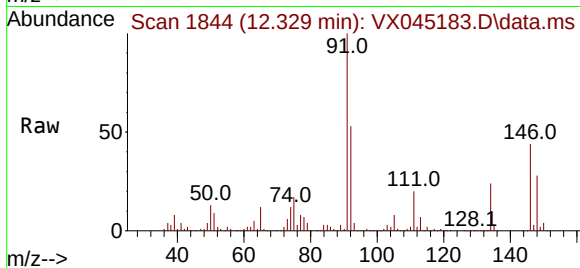
148 65.1 31.9 95.9





#89
n-Butylbenzene
Concen: 59.284 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

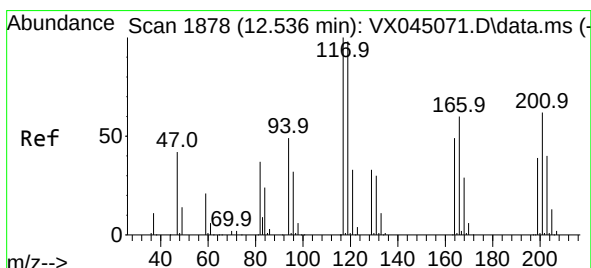
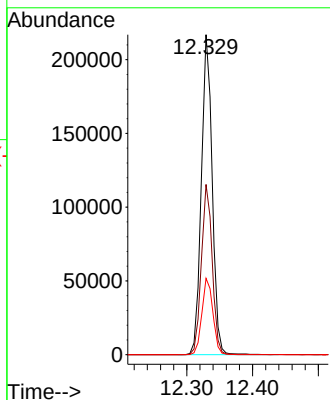
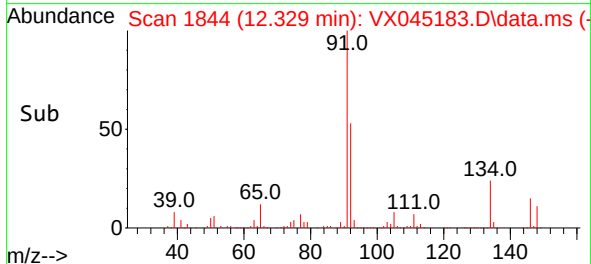
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 24910
Ion Ratio Lower Upper
91 100
92 53.3 26.7 80.0
134 24.2 12.2 36.6

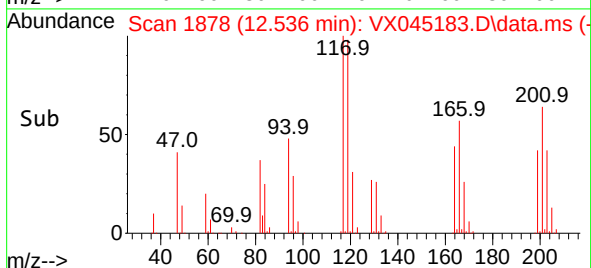
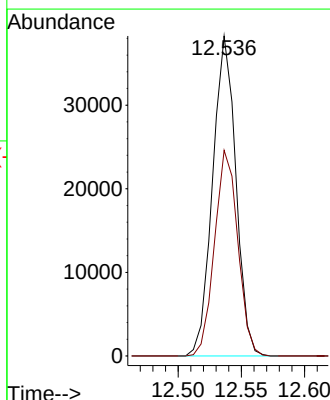
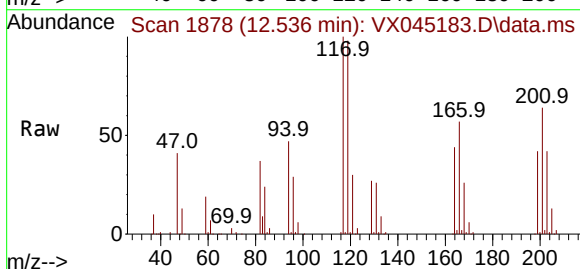
Manual Integrations
APPROVED

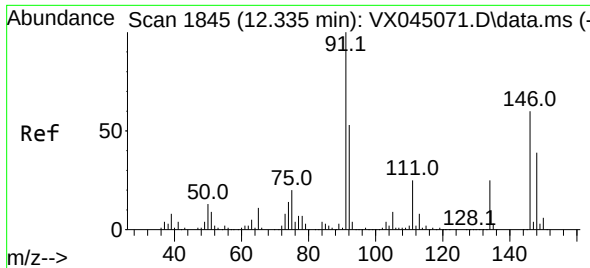
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#90
Hexachloroethane
Concen: 55.329 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

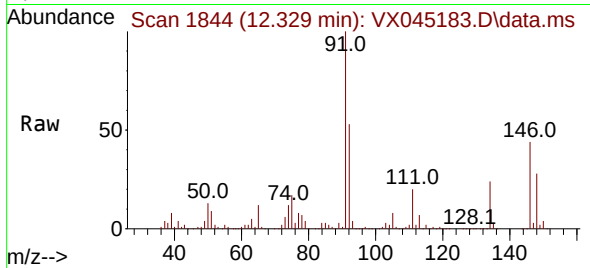
Tgt Ion:117 Resp: 48824
Ion Ratio Lower Upper
117 100
201 64.4 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 50.169 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

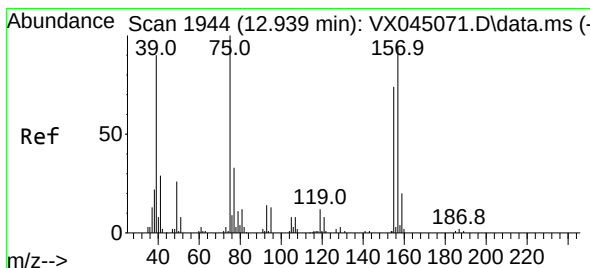
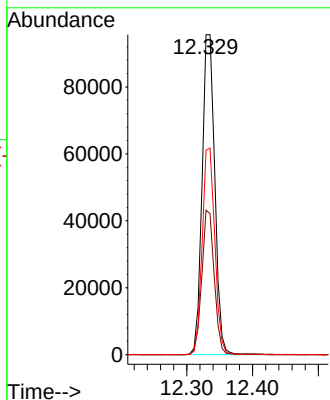
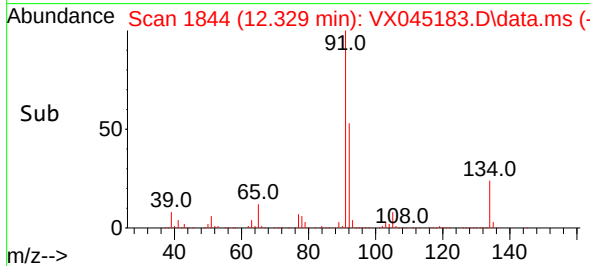
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 128490
Ion Ratio Lower Upper
146 100
111 44.2 21.6 65.0
148 64.1 31.9 95.9

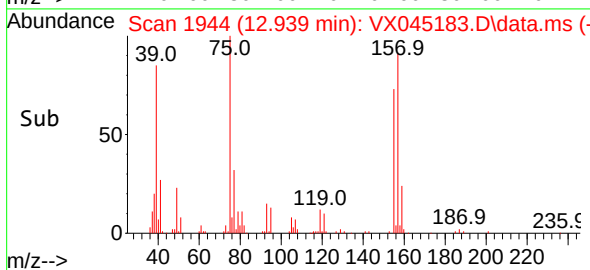
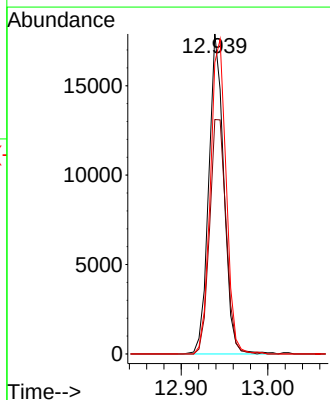
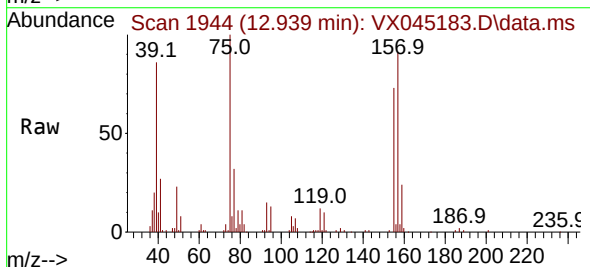
Manual Integrations
APPROVED

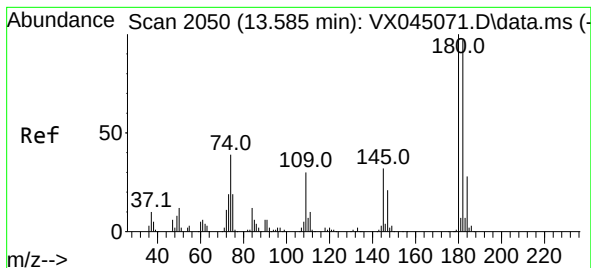
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.061 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

Tgt Ion: 75 Resp: 21710
Ion Ratio Lower Upper
75 100
155 79.7 39.6 118.7
157 102.6 51.1 153.4





#93

1,2,4-Trichlorobenzene

Concen: 55.282 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX045183.D

Acq: 10 Mar 2025 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

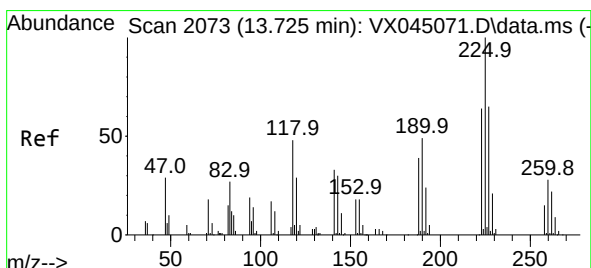
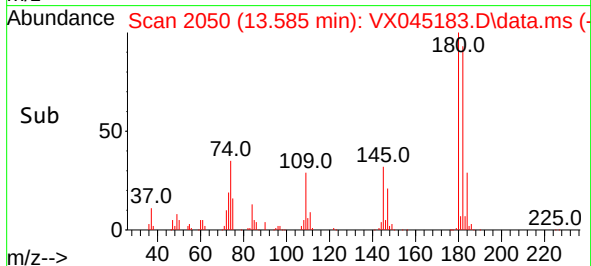
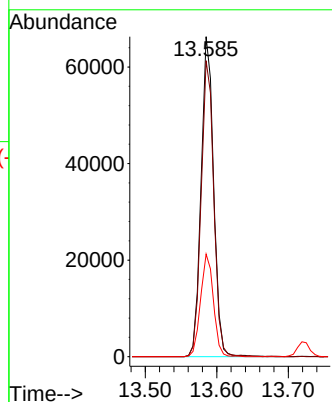
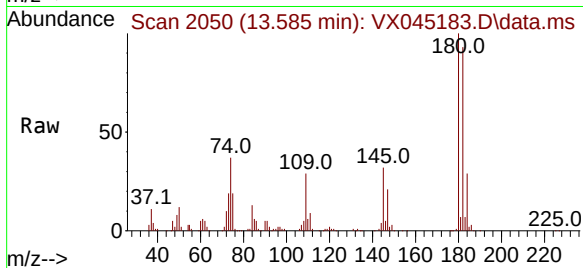
Tgt Ion:180	Resp:	8062	
Ion Ratio	Lower	Upper	
180	100		
182	93.3	47.3	141.9
145	32.8	16.3	48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/11/2025

Supervised By :Mahesh Dadoda 03/11/2025



#94

Hexachlorobutadiene

Concen: 56.902 ug/l

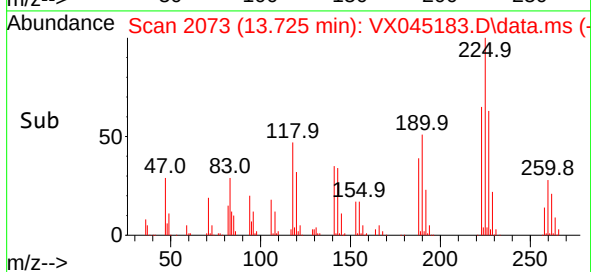
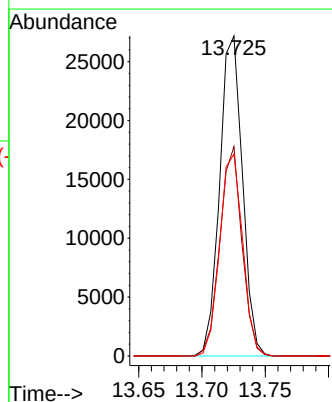
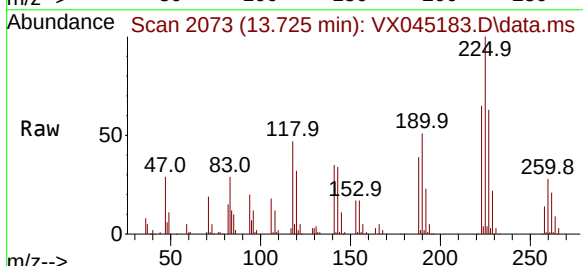
RT: 13.725 min Scan# 2073

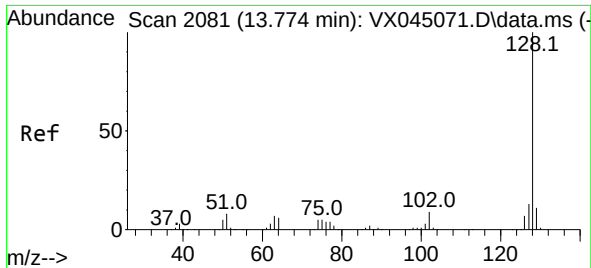
Delta R.T. 0.000 min

Lab File: VX045183.D

Acq: 10 Mar 2025 10:06

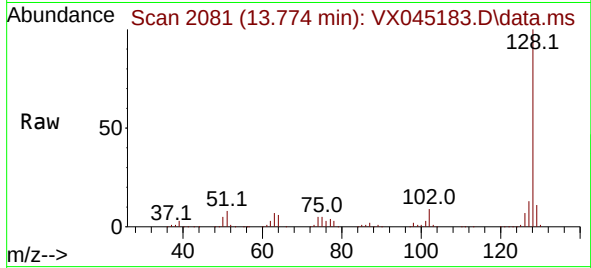
Tgt Ion:225	Resp:	34023	
Ion Ratio	Lower	Upper	
225	100		
223	63.4	31.9	95.7
227	63.7	31.4	94.0





#95
Naphthalene
Concen: 51.156 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06

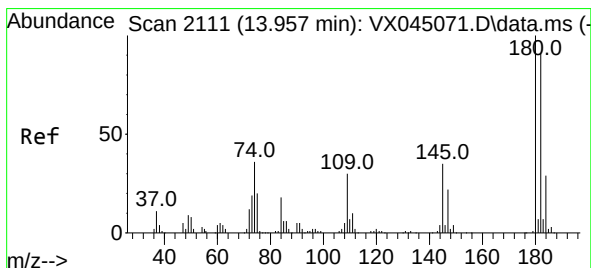
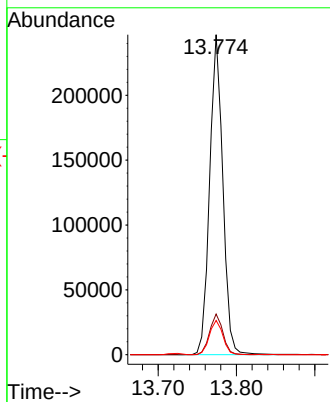
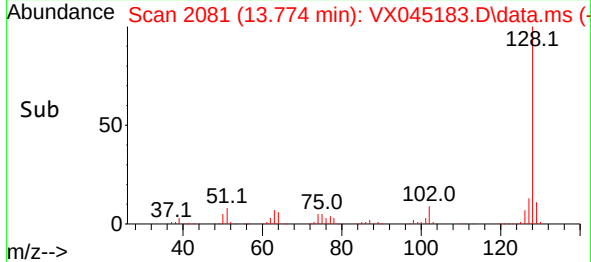
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



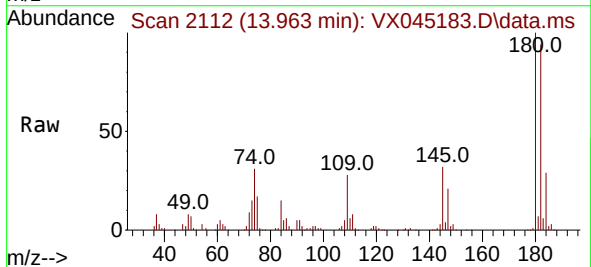
Tgt Ion:128 Resp: 28664
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#96
1,2,3-Trichlorobenzene
Concen: 53.910 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045183.D
Acq: 10 Mar 2025 10:06



Tgt Ion:180 Resp: 82943
Ion Ratio Lower Upper
180 100
182 92.9 47.5 142.6
145 33.4 17.0 50.9

