

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031725\
 Data File : VX045310.D
 Acq On : 17 Mar 2025 16:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/18/2025
 Supervised By : Mahesh Dadoda 03/18/2025

Quant Time: Mar 18 01:30:57 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	104754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	185014	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	163071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	74552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86736	52.054	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.100%			
35) Dibromofluoromethane	5.379	113	64830	52.403	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.800%			
50) Toluene-d8	8.647	98	227990	50.833	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.660%			
62) 4-Bromofluorobenzene	11.079	95	82833	55.734	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.460%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	61936	46.971	ug/l	96
3) Chloromethane	1.307	50	70880	43.924	ug/l	96
4) Vinyl Chloride	1.374	62	65158	40.703	ug/l	97
5) Bromomethane	1.593	94	27992	44.481	ug/l	99
6) Chloroethane	1.666	64	35468	48.035	ug/l	99
7) Trichlorofluoromethane	1.874	101	98720	46.584	ug/l	98
8) Diethyl Ether	2.130	74	36291	43.783	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	64779	53.206	ug/l	99
10) Methyl Iodide	2.447	142	76384	50.203	ug/l	97
11) Tert butyl alcohol	2.977	59	72573	229.940	ug/l	98
12) 1,1-Dichloroethene	2.313	96	61491	47.771	ug/l	98
13) Acrolein	2.233	56	28232	77.381	ug/l	100
14) Allyl chloride	2.654	41	119167	52.009	ug/l	97
15) Acrylonitrile	3.062	53	214077	253.079	ug/l	99
16) Acetone	2.380	43	191065	247.143	ug/l	97
17) Carbon Disulfide	2.502	76	132476	38.641	ug/l	99
18) Methyl Acetate	2.703	43	115953	62.346	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	221740	51.346	ug/l	100
20) Methylene Chloride	2.782	84	72482	47.330	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	61080	48.031	ug/l	98
22) Diisopropyl ether	3.757	45	237480	50.962	ug/l	90
23) Vinyl Acetate	3.721	43	1020030	262.304	ug/l	100
24) 1,1-Dichloroethane	3.605	63	129145	49.451	ug/l	98
25) 2-Butanone	4.556	43	302984	260.363	ug/l	98
26) 2,2-Dichloropropane	4.471	77	92103	75.189	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	76398	48.667	ug/l	93
28) Bromochloromethane	4.891	49	63298	50.850	ug/l	99
29) Tetrahydrofuran	5.001	42	192593	246.445	ug/l	100
30) Chloroform	5.086	83	130155	50.158	ug/l	99
31) Cyclohexane	5.464	56	108918	48.045	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	106442	50.789	ug/l	98
36) 1,1-Dichloropropene	5.684	75	84473	49.789	ug/l	99
37) Ethyl Acetate	4.715	43	108233	49.507	ug/l	99
38) Carbon Tetrachloride	5.672	117	88084	51.138	ug/l	98
39) Methylcyclohexane	7.373	83	107817	53.035	ug/l	97
40) Benzene	6.031	78	264773	49.421	ug/l	99

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Quant Time: Mar 18 01:30:57 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)
41) Methacrylonitrile	4.916	41	64130	54.250	ug/l	100
42) 1,2-Dichloroethane	6.080	62	101689	52.709	ug/l	97
43) Isopropyl Acetate	6.336	43	177967	55.051	ug/l	100
44) Trichloroethene	7.123	130	61189	48.640	ug/l	96
45) 1,2-Dichloropropane	7.427	63	70278	51.020	ug/l	98
46) Dibromomethane	7.580	93	50289	51.652	ug/l	97
47) Bromodichloromethane	7.818	83	100622	52.689	ug/l	99
48) Methyl methacrylate	7.690	41	90312	55.685	ug/l	96
49) 1,4-Dioxane	7.659	88	34935	1021.160	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	601257	276.998	ug/l	100
52) Toluene	8.714	92	160571	51.083	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	92147	57.717	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	104606	56.188	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	65896	50.922	ug/l	98
56) Ethyl methacrylate	9.116	69	113218	57.558	ug/l	97
57) 1,3-Dichloropropane	9.305	76	115235	51.457	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	285909	297.966	ug/l	98
59) 2-Hexanone	9.427	43	438023	278.516	ug/l	100
60) Dibromochloromethane	9.519	129	70103	51.811	ug/l	98
61) 1,2-Dibromoethane	9.604	107	66847	51.746	ug/l	100
64) Tetrachloroethene	9.269	164	49481	47.377	ug/l	95
65) Chlorobenzene	10.073	112	174430	50.551	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	58818	51.186	ug/l	97
67) Ethyl Benzene	10.189	91	311414	51.796	ug/l	100
68) m/p-Xylenes	10.299	106	227203	103.228	ug/l	97
69) o-Xylene	10.640	106	113211	51.000	ug/l	99
70) Styrene	10.652	104	191682	53.366	ug/l	99
71) Bromoform	10.799	173	45726	52.769	ug/l #	99
73) Isopropylbenzene	10.957	105	300263	51.600	ug/l	98
74) N-amyl acetate	10.841	43	153113	56.076	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	106350	49.804	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	88979m	51.279	ug/l	
77) Bromobenzene	11.195	156	67057	48.842	ug/l	94
78) n-propylbenzene	11.299	91	353421	53.766	ug/l	98
79) 2-Chlorotoluene	11.360	91	210620	50.312	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	244676	52.002	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	29655	58.486	ug/l	94
82) 4-Chlorotoluene	11.451	91	240863	52.792	ug/l	98
83) tert-Butylbenzene	11.713	119	251037	51.928	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	246999	52.173	ug/l	100
85) sec-Butylbenzene	11.890	105	314602	54.327	ug/l	100
86) p-Isopropyltoluene	12.006	119	254574	54.397	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	125374	51.188	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	122436	49.411	ug/l	99
89) n-Butylbenzene	12.329	91	230206	57.113	ug/l	99
90) Hexachloroethane	12.536	117	43922	51.888	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	123629	50.318	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22202	53.369	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	71549	51.143	ug/l	99
94) Hexachlorobutadiene	13.725	225	29830	52.008	ug/l	98
95) Naphthalene	13.774	128	280794	52.240	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	74867	50.727	ug/l	98

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MSVOA_X
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VSTDCCC050EC

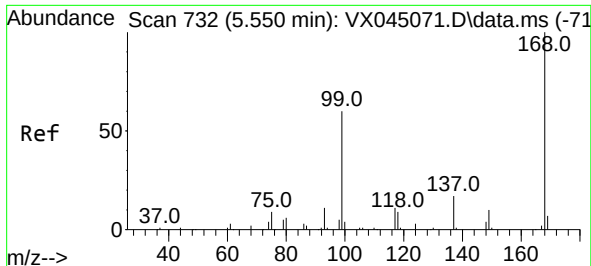
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

Quant Time: Mar 18 01:30:57 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

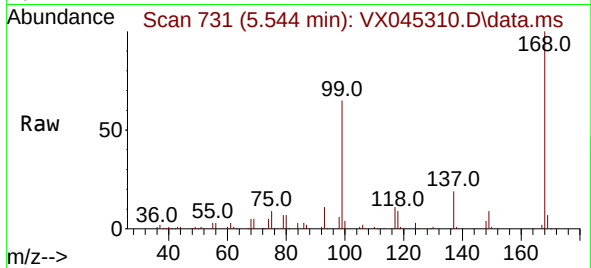
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045310.D
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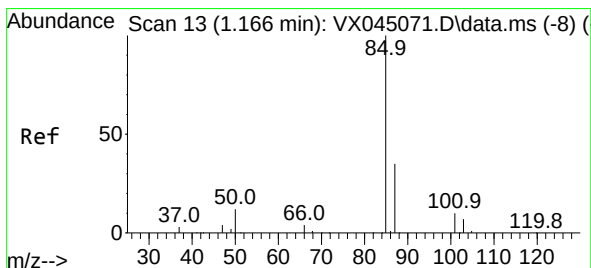
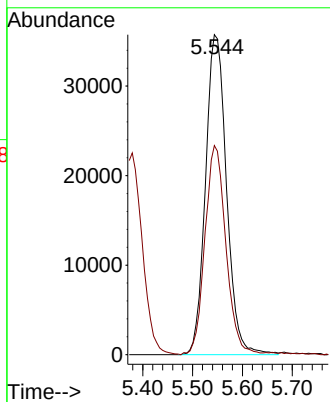
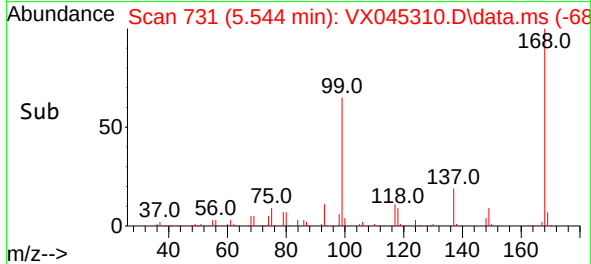
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 104754
Ion Ratio Lower Upper
168 100
99 65.2 48.2 72.4

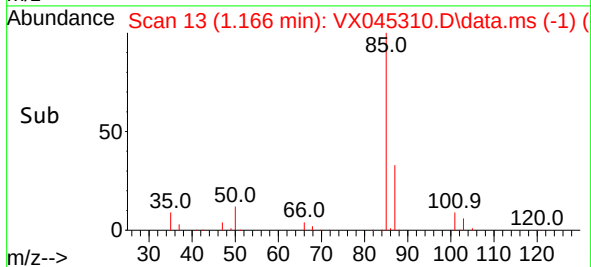
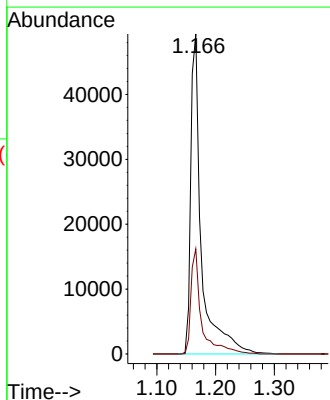
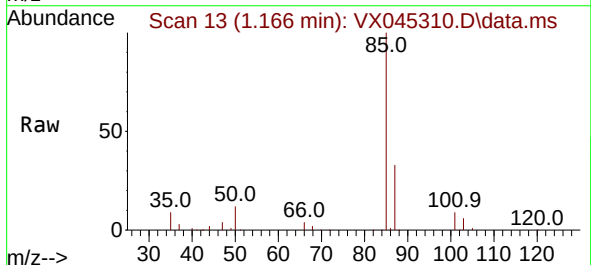
Manual Integrations
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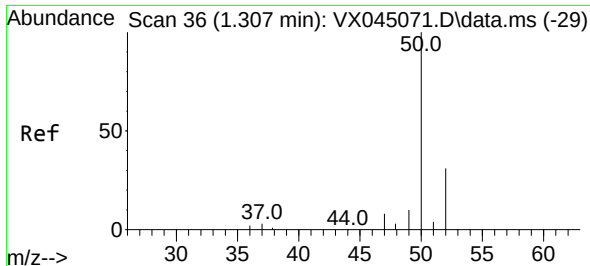
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#2
Dichlorodifluoromethane
Concen: 46.971 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

Tgt Ion: 85 Resp: 61936
Ion Ratio Lower Upper
85 100
87 32.9 17.4 52.3





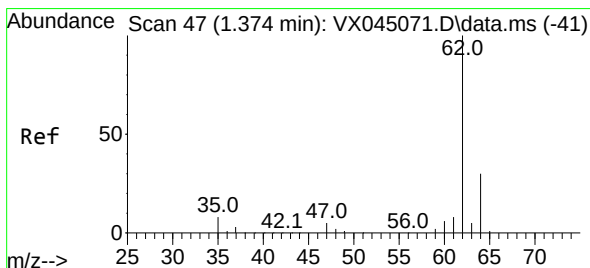
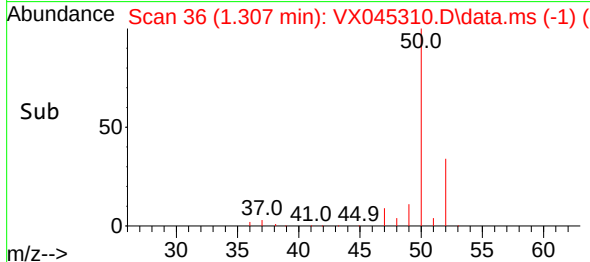
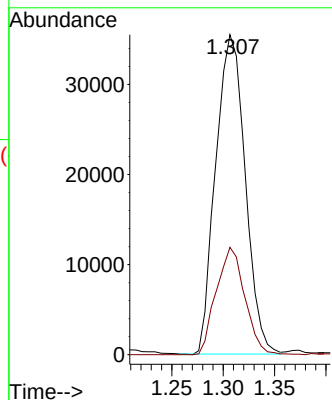
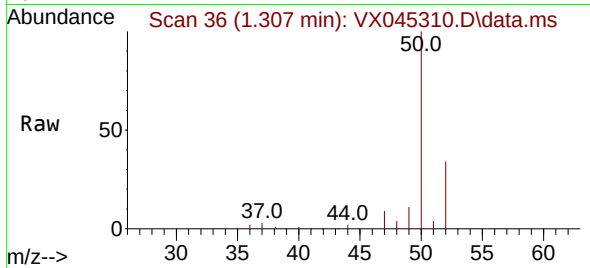
#3
Chloromethane
Concen: 43.924 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 70880
Ion Ratio Lower Upper
50 100
52 33.6 25.0 37.4

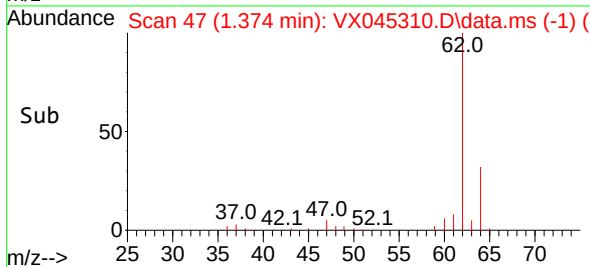
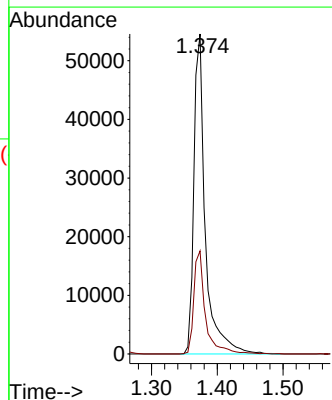
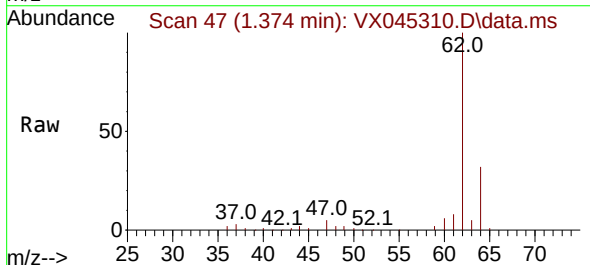
Manual Integrations
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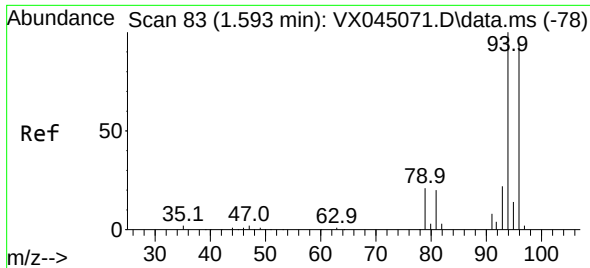
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#4
Vinyl Chloride
Concen: 40.703 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

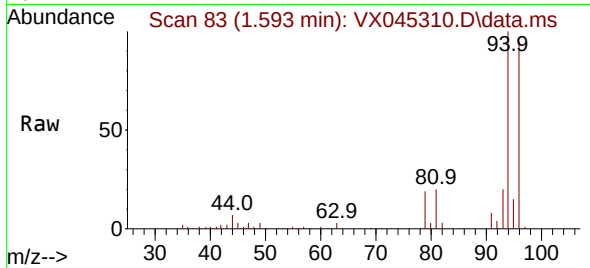
Tgt Ion: 62 Resp: 65158
Ion Ratio Lower Upper
62 100
64 32.2 24.3 36.5





#5
Bromomethane
Concen: 44.481 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

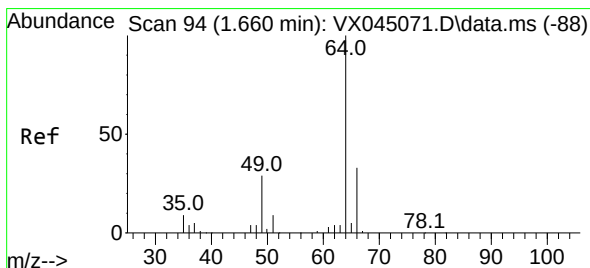
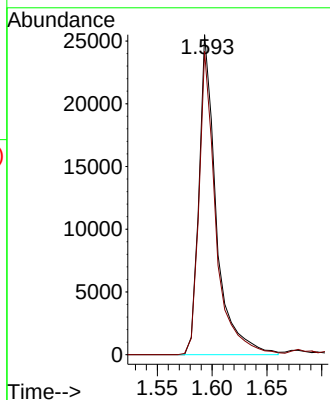
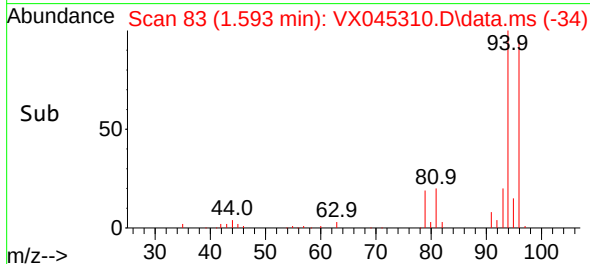
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 27992
Ion Ratio Lower Upper
94 100
96 94.8 75.0 112.4

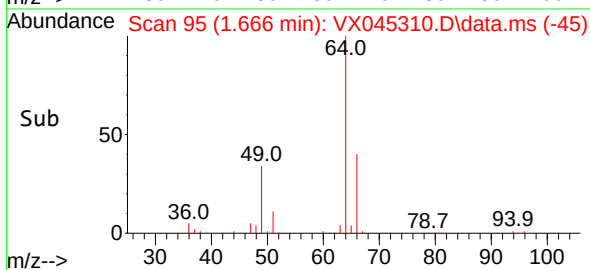
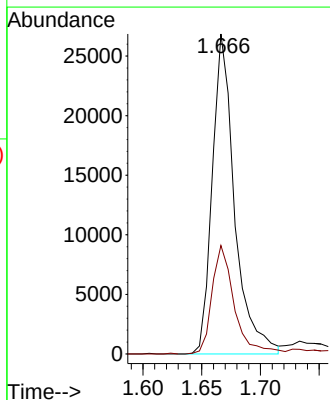
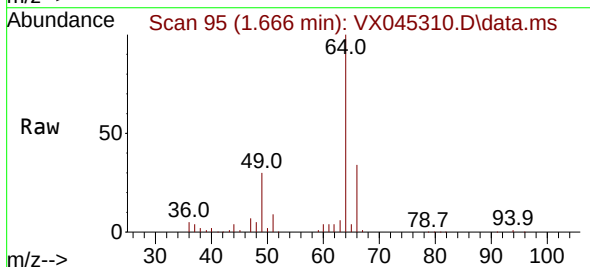
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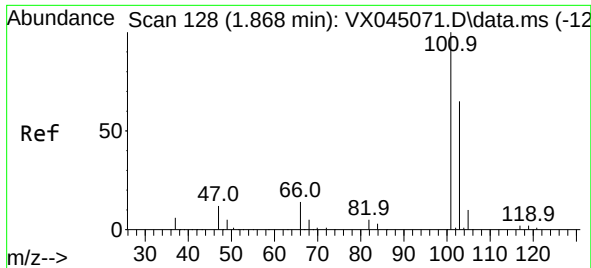
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#6
Chloroethane
Concen: 48.035 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

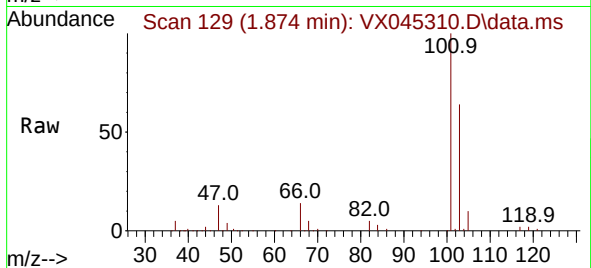
Tgt Ion: 64 Resp: 35468
Ion Ratio Lower Upper
64 100
66 33.9 26.7 40.1





#7
Trichlorofluoromethane
Concen: 46.584 ug/l
RT: 1.874 min Scan# 101
Delta R.T. 0.006 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

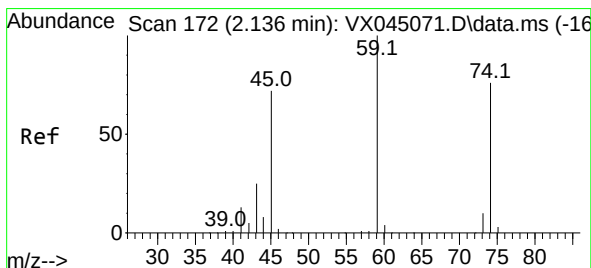
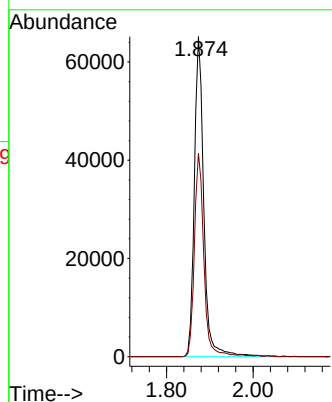
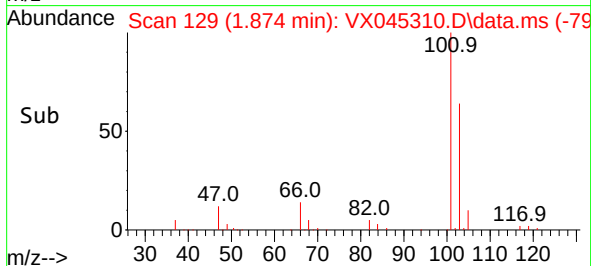
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 98720
Ion Ratio Lower Upper
101 100
103 63.6 52.1 78.1

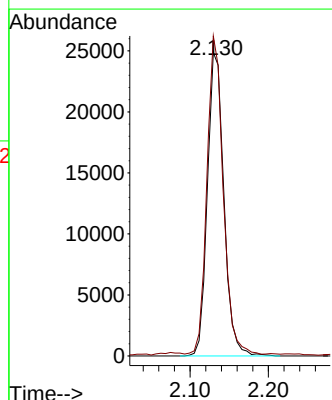
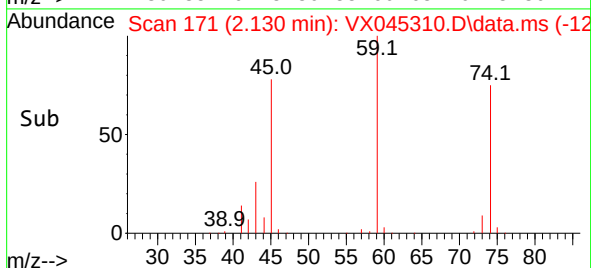
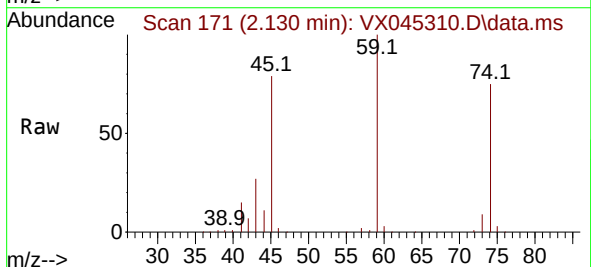
Manual Integrations
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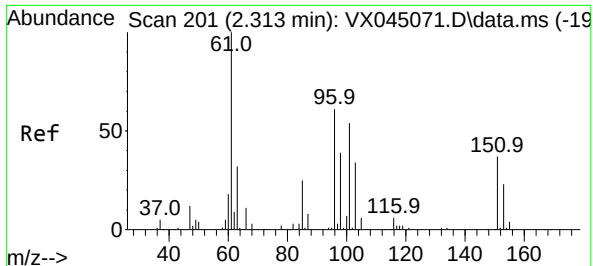
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#8
Diethyl Ether
Concen: 43.783 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

Tgt Ion: 74 Resp: 36291
Ion Ratio Lower Upper
74 100
45 102.8 51.5 154.5





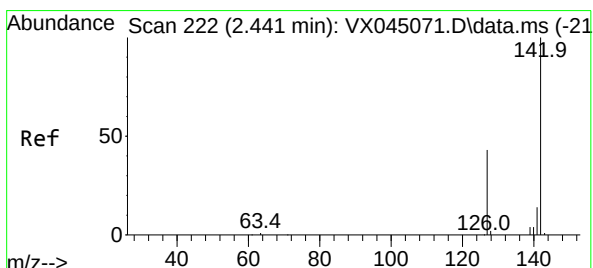
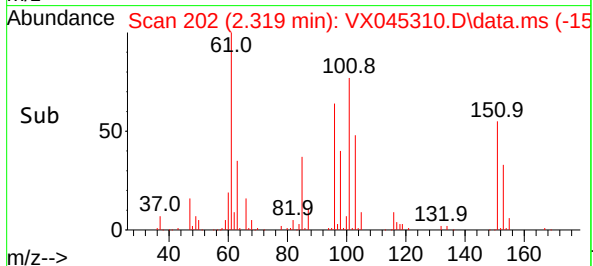
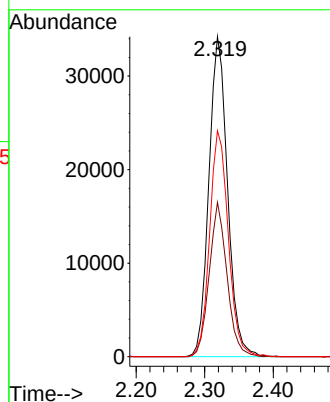
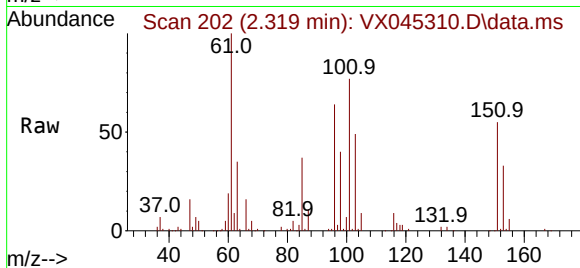
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.206 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 64779
Ion Ratio Lower Upper
101 100
85 45.9 36.2 54.4
151 70.9 56.4 84.6

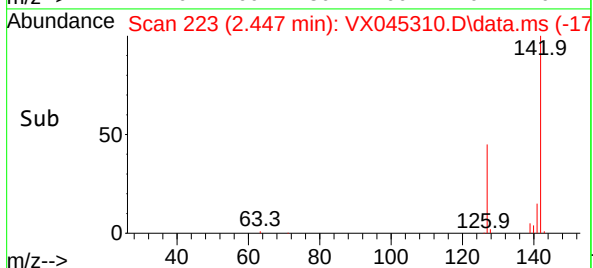
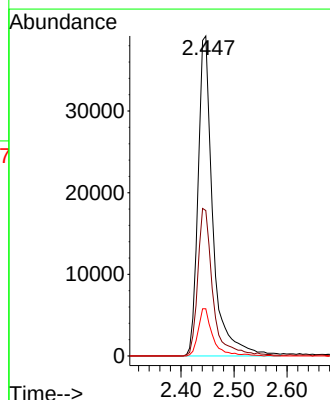
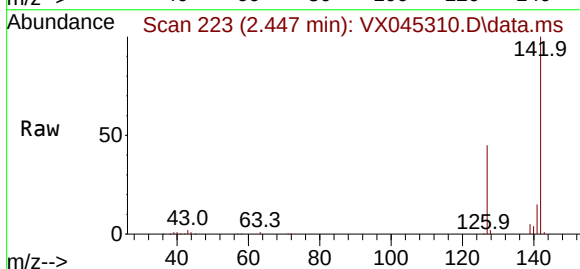
Manual Integrations
APPROVED

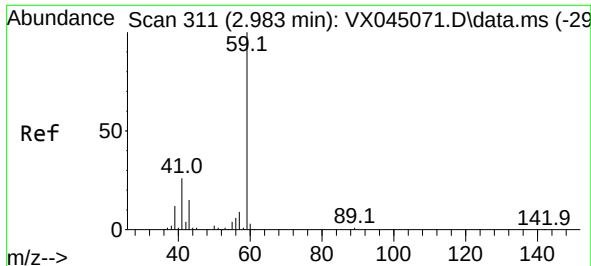
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#10
Methyl Iodide
Concen: 50.203 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

Tgt Ion:142 Resp: 76384
Ion Ratio Lower Upper
142 100
127 47.1 35.4 53.2
141 14.6 11.6 17.4





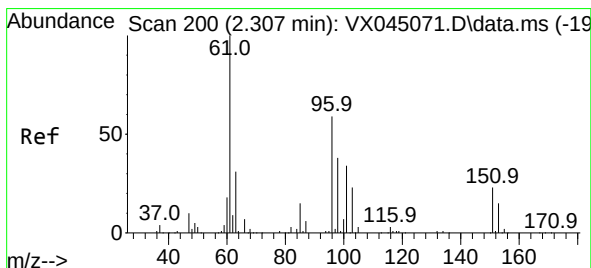
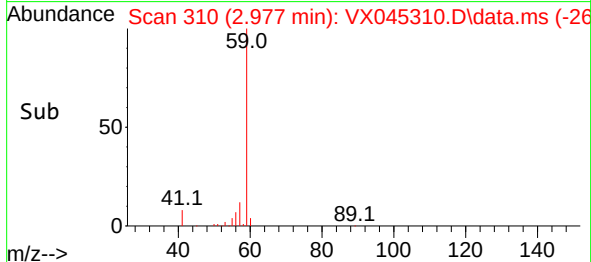
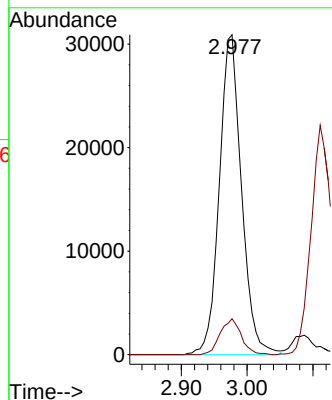
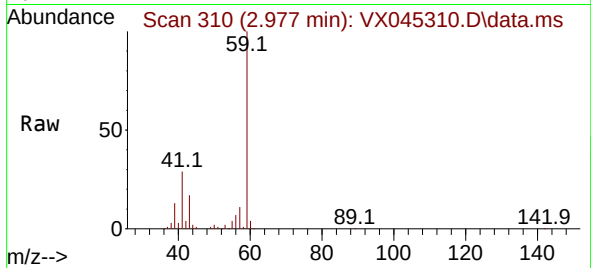
#11
Tert butyl alcohol
Concen: 229.940 ug/l
RT: 2.977 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 7257
Ion Ratio Lower Upper
59 100
57 10.7 7.8 11.8

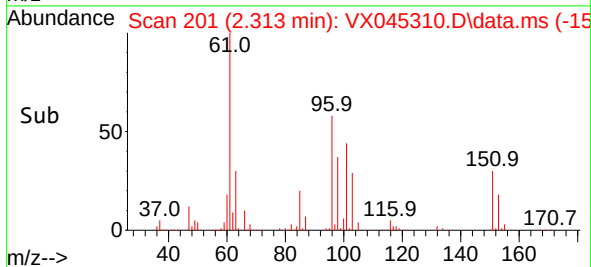
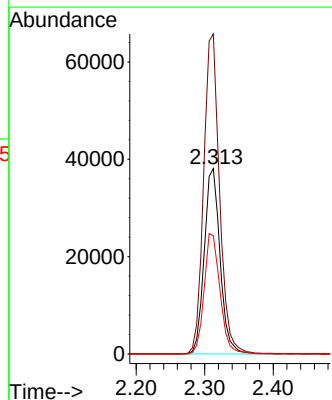
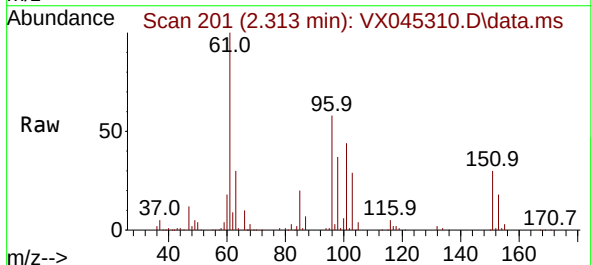
Manual Integrations
APPROVED

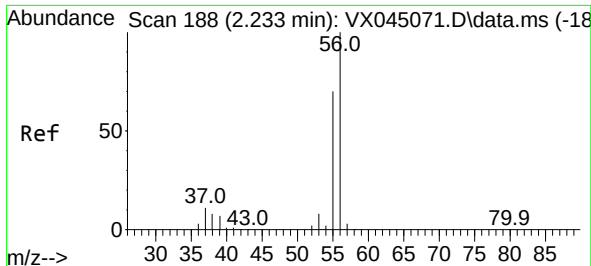
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#12
1,1-Dichloroethene
Concen: 47.771 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

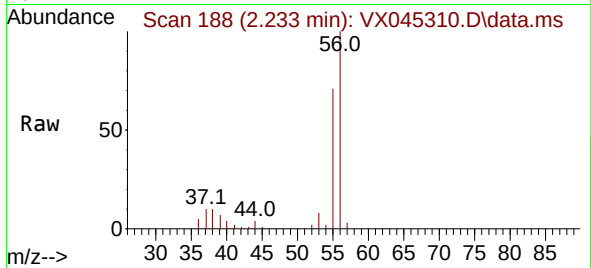
Tgt Ion: 96 Resp: 61491
Ion Ratio Lower Upper
96 100
61 172.6 134.6 202.0
98 63.7 51.0 76.6





#13
Acrolein
Concen: 77.381 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

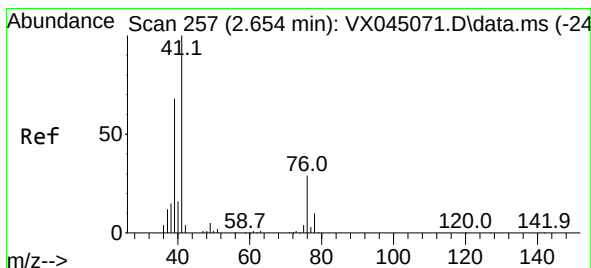
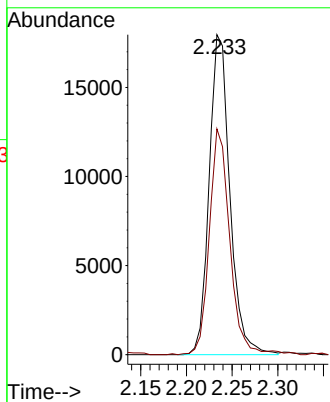
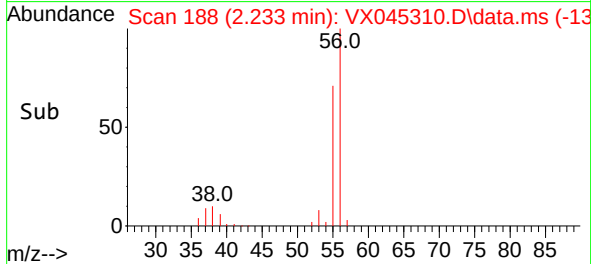
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 2823
Ion Ratio Lower Upper
56 100
55 70.0 56.2 84.4

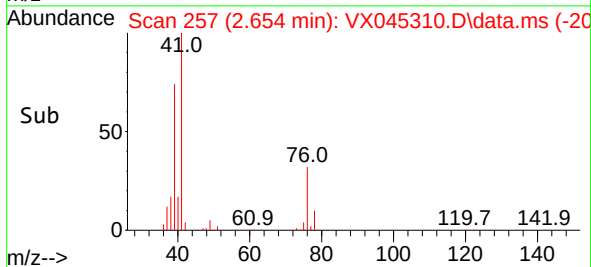
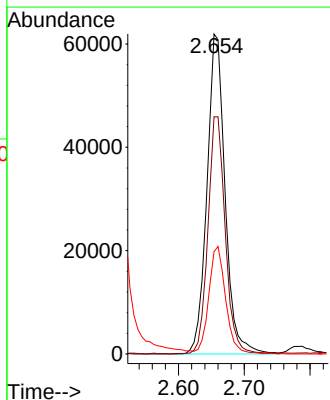
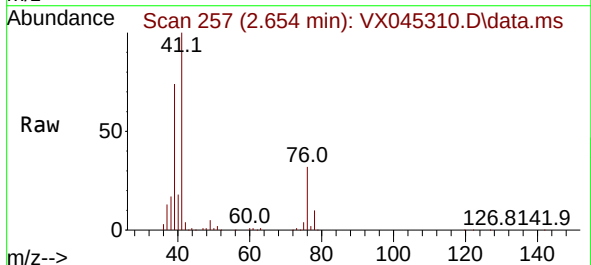
Manual Integrations
APPROVED

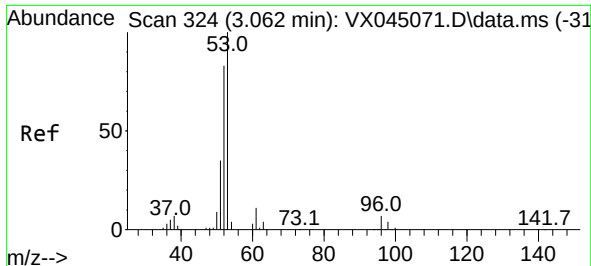
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#14
Allyl chloride
Concen: 52.009 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

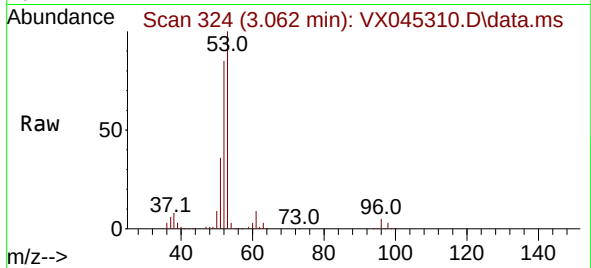
Tgt Ion: 41 Resp: 119167
Ion Ratio Lower Upper
41 100
39 70.8 53.8 80.8
76 30.7 25.2 37.8





#15
Acrylonitrile
Concen: 253.079 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

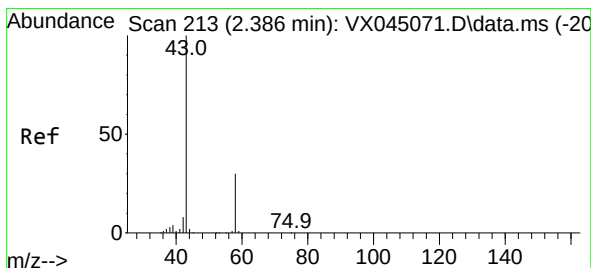
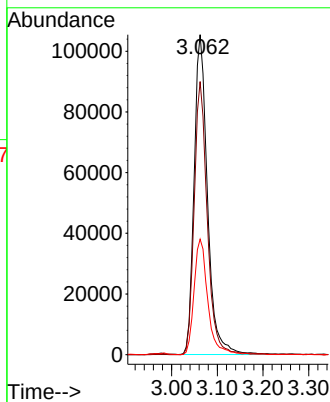
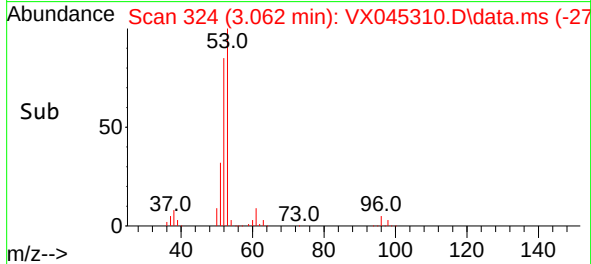
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



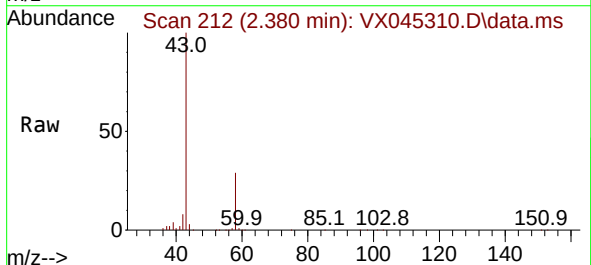
Tgt Ion: 53 Resp: 21407
Ion Ratio Lower Upper
53 100
52 83.9 66.2 99.2
51 37.2 29.0 43.4

Manual Integrations
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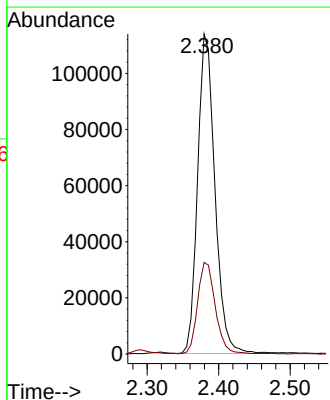
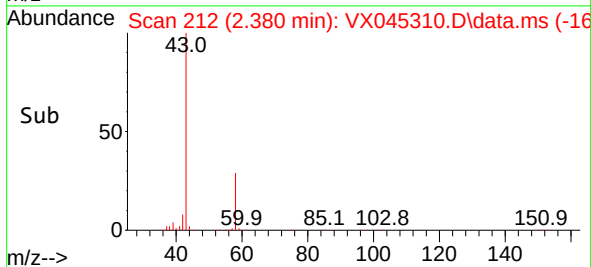
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

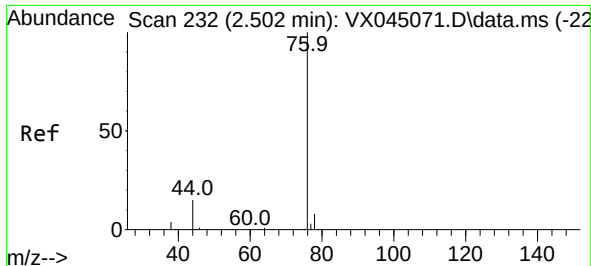


#16
Acetone
Concen: 247.143 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58



Tgt Ion: 43 Resp: 191065
Ion Ratio Lower Upper
43 100
58 28.6 24.2 36.4





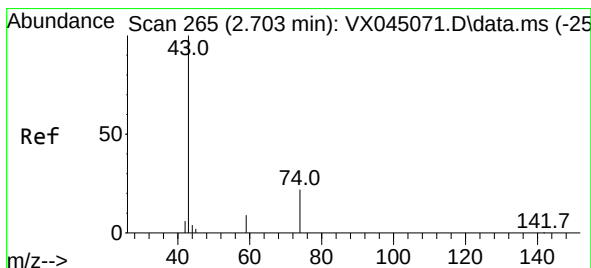
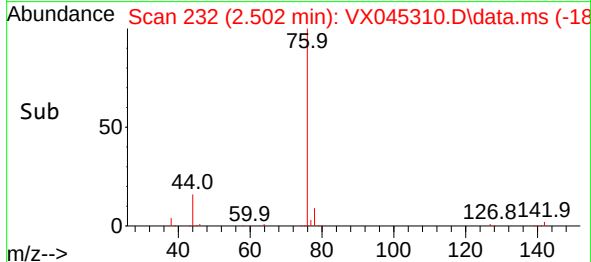
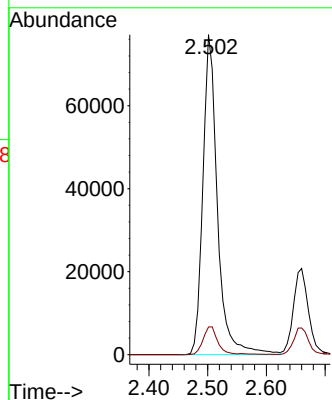
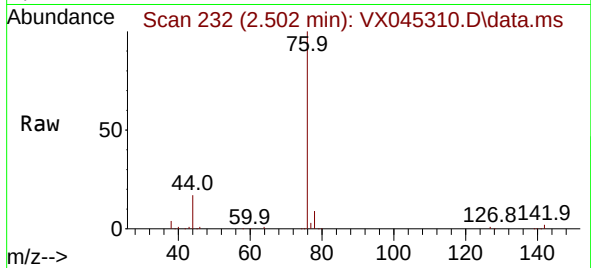
#17
Carbon Disulfide
Concen: 38.641 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 132470
Ion Ratio Lower Upper
76 100
78 8.6 6.6 9.8

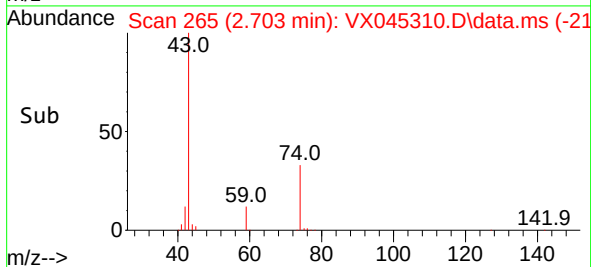
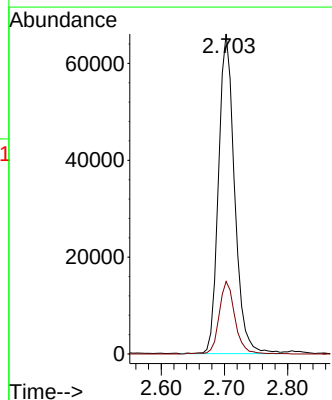
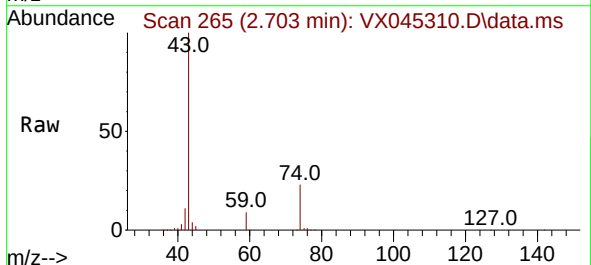
Manual Integrations
APPROVED

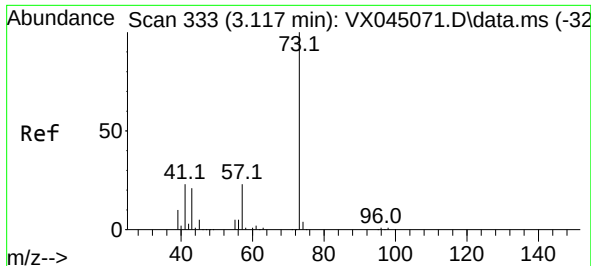
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#18
Methyl Acetate
Concen: 62.346 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

Tgt Ion: 43 Resp: 115953
Ion Ratio Lower Upper
43 100
74 22.4 17.4 26.2





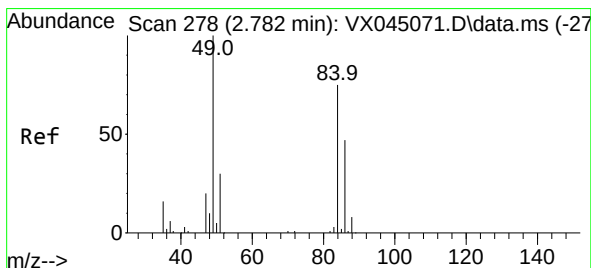
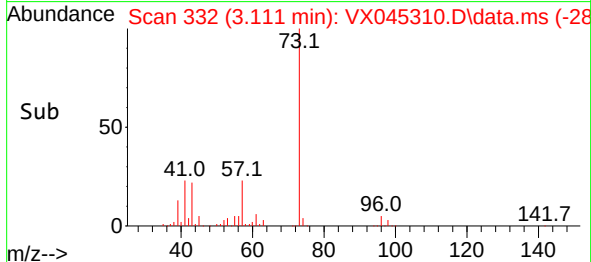
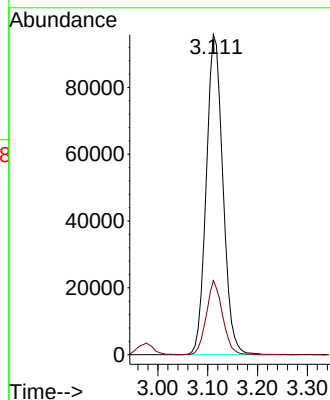
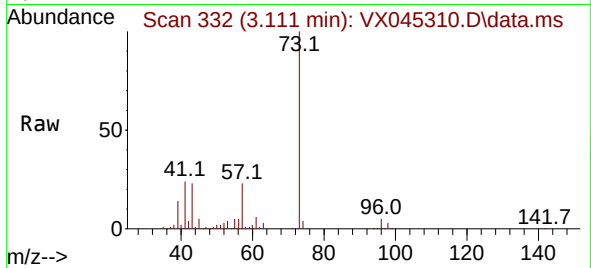
#19
Methyl tert-butyl Ether
Concen: 51.346 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 221740
Ion Ratio Lower Upper
73 100
57 23.1 18.5 27.7

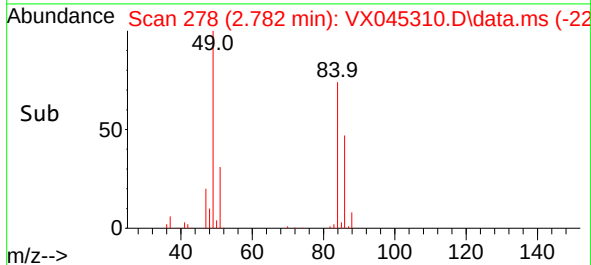
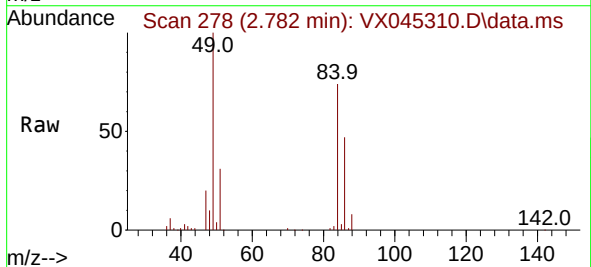
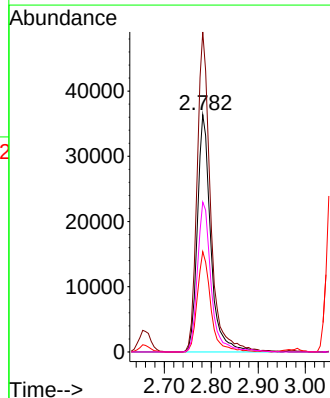
Manual Integrations
APPROVED

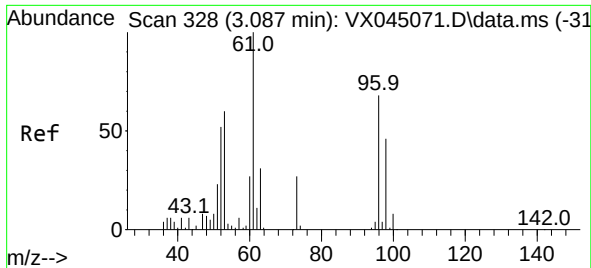
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#20
Methylene Chloride
Concen: 47.330 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

Tgt Ion: 84 Resp: 72482
Ion Ratio Lower Upper
84 100
49 134.8 106.5 159.7
51 42.2 32.1 48.1
86 63.2 50.0 75.0





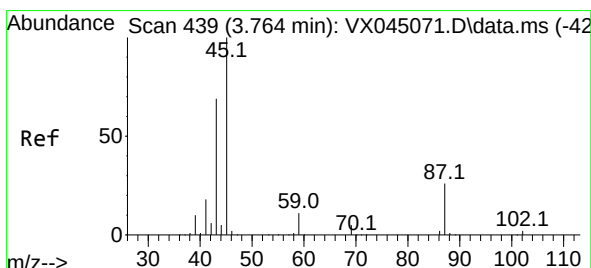
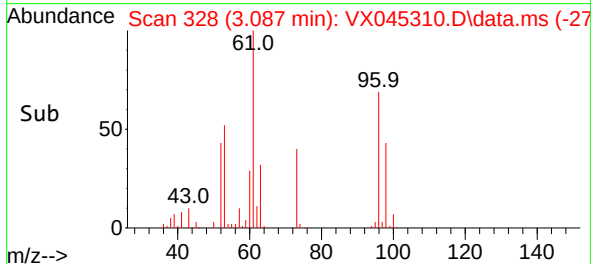
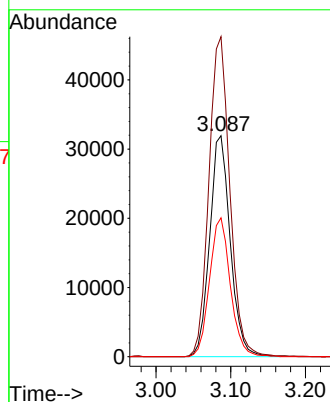
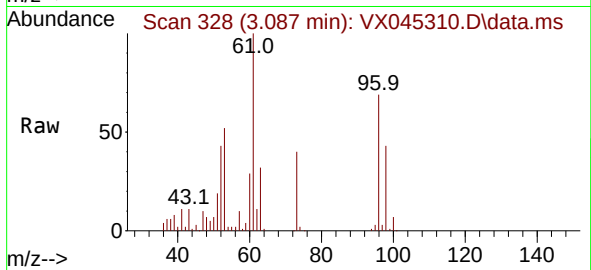
#21
trans-1,2-Dichloroethene
Concen: 48.031 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 61080
Ion Ratio Lower Upper
96 100
61 144.8 117.0 175.4
98 62.8 53.4 80.2

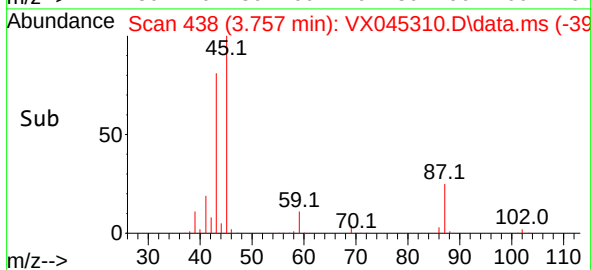
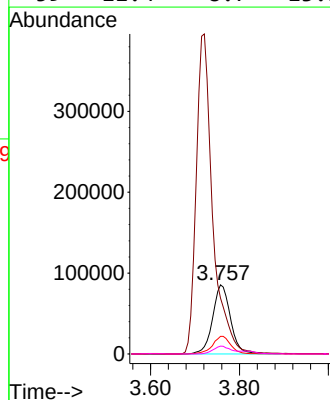
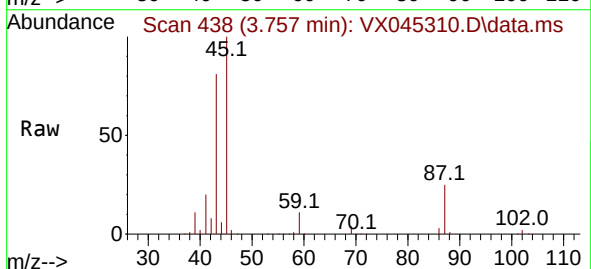
Manual Integrations
APPROVED

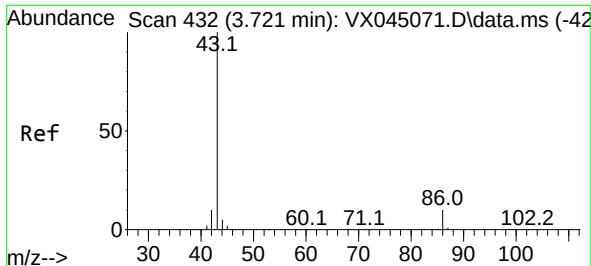
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#22
Diisopropyl ether
Concen: 50.962 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

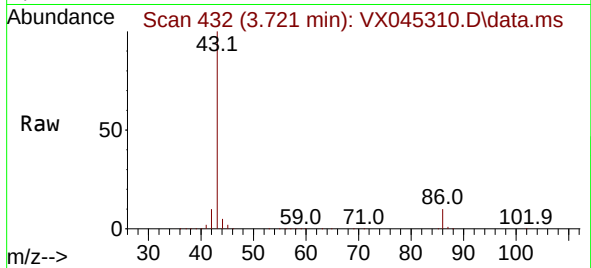
Tgt Ion: 45 Resp: 237480
Ion Ratio Lower Upper
45 100
43 80.7 54.9 82.3
87 25.4 21.0 31.4
59 11.4 8.7 13.1





#23
 Vinyl Acetate
 Concen: 262.304 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045310.D
 Acq: 17 Mar 2025 16:58

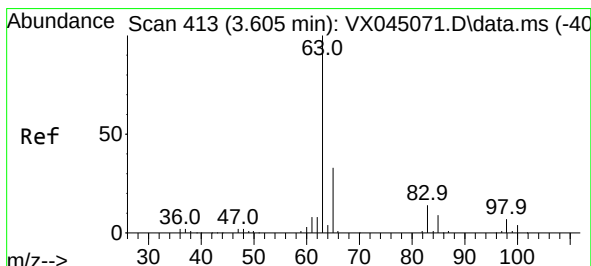
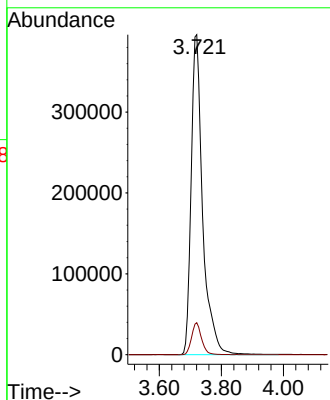
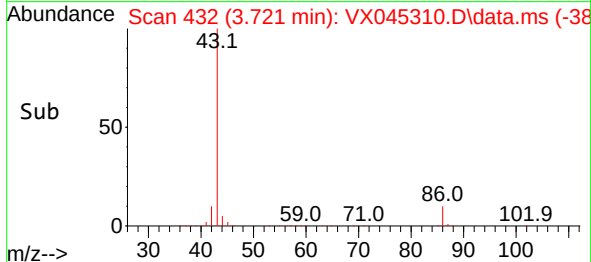
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



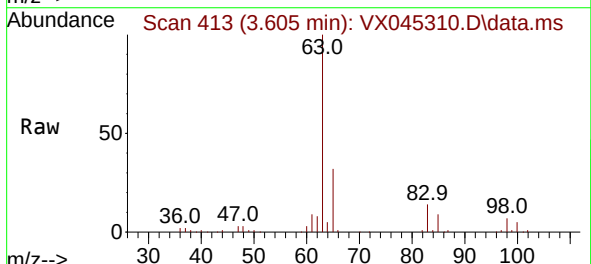
Tgt Ion: 43 Resp: 1020030
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.1 12.1

Manual Integrations
 APPROVED

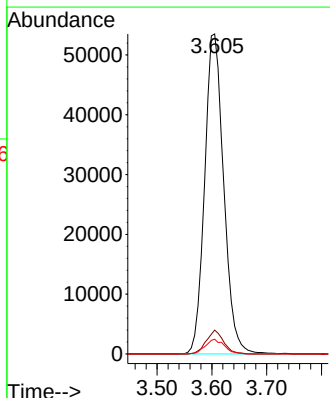
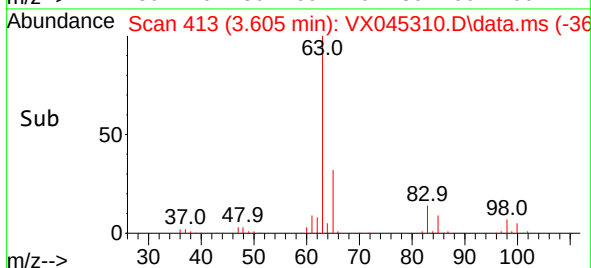
Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025

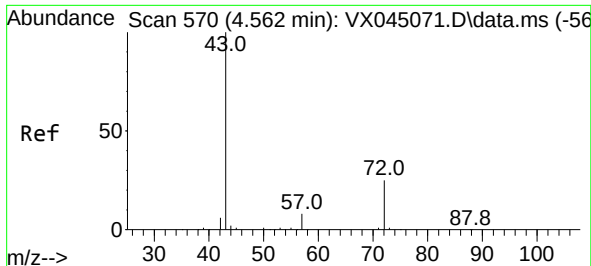


#24
 1,1-Dichloroethane
 Concen: 49.451 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045310.D
 Acq: 17 Mar 2025 16:58



Tgt Ion: 63 Resp: 129145
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.4 10.2
 100 4.6 2.1 6.5





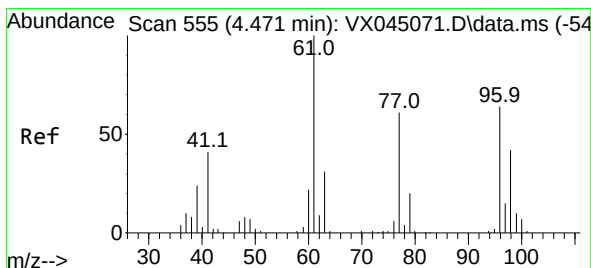
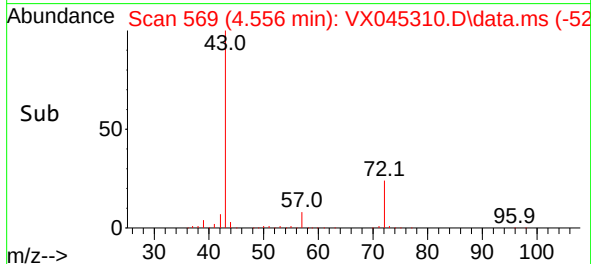
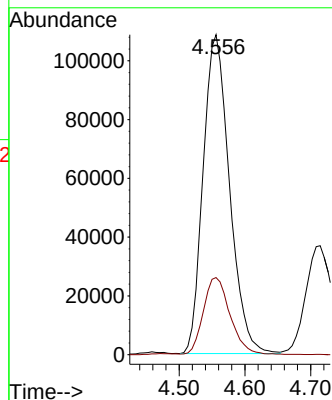
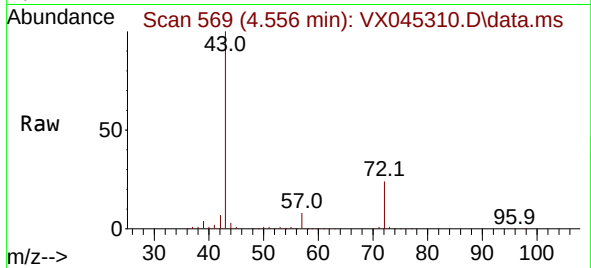
#25
2-Butanone
Concen: 260.363 ug/l
RT: 4.556 min Scan# 509
Delta R.T. -0.006 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 302984
Ion Ratio Lower Upper
43 100
72 24.0 20.0 30.0

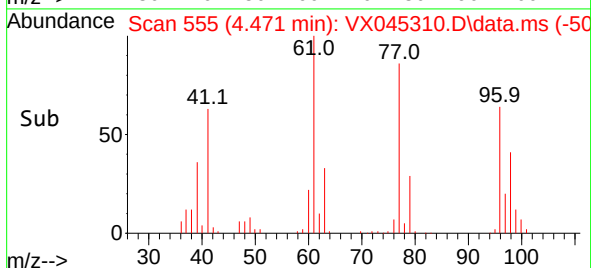
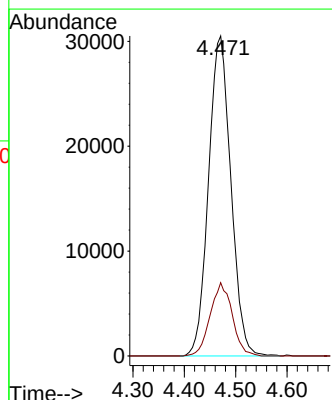
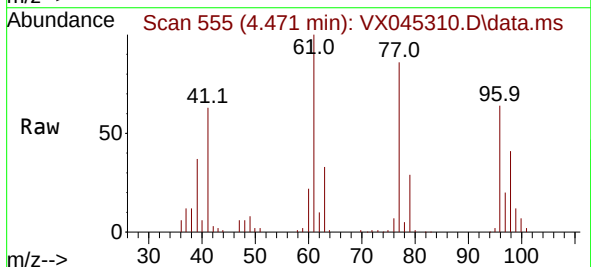
Manual Integrations
APPROVED

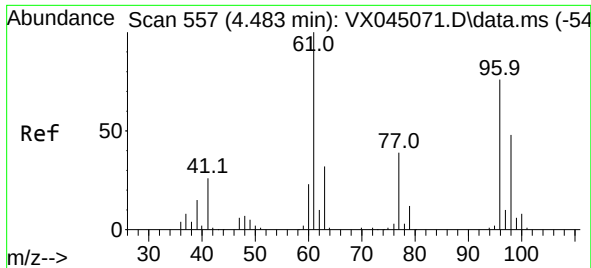
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#26
2,2-Dichloropropane
Concen: 75.189 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

Tgt Ion: 77 Resp: 92103
Ion Ratio Lower Upper
77 100
97 22.6 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 48.667 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX045310.D

Acq: 17 Mar 2025 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 76398

Ion Ratio Lower Upper

96 100

61 154.3 0.0 283.2

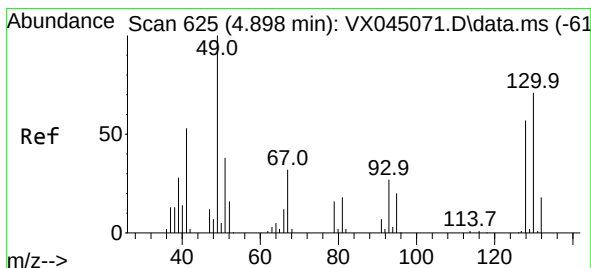
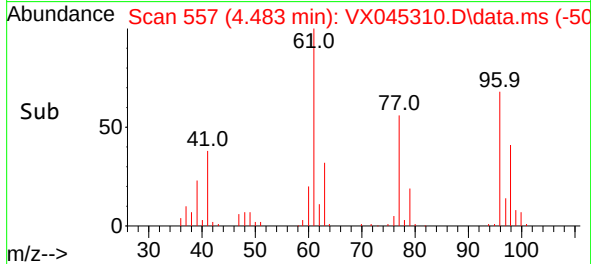
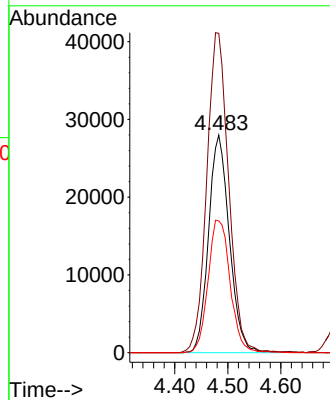
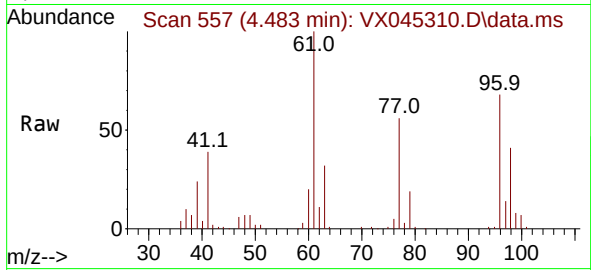
98 64.5 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#28

Bromochloromethane

Concen: 50.850 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX045310.D

Acq: 17 Mar 2025 16:58

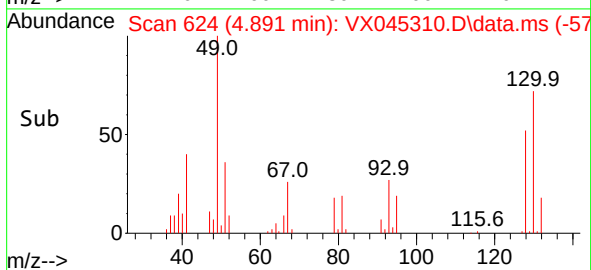
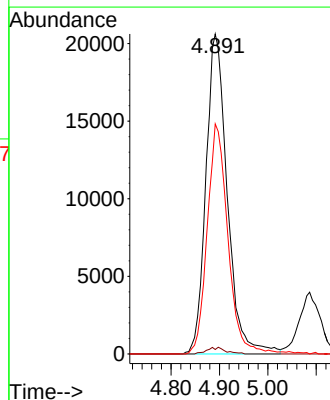
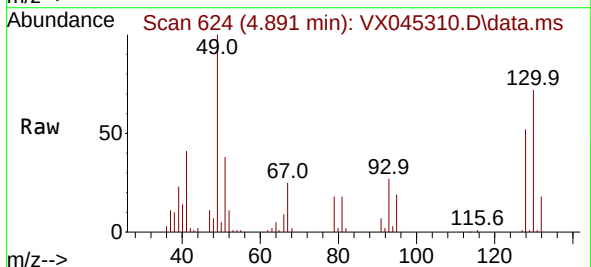
Tgt Ion: 49 Resp: 63298

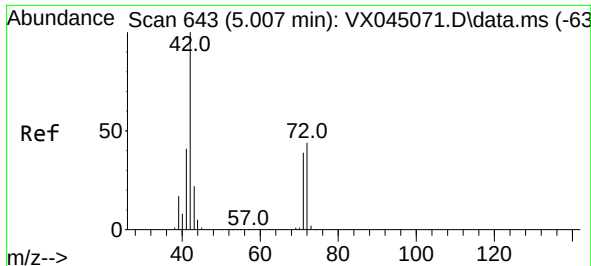
Ion Ratio Lower Upper

49 100

129 0.9 0.0 3.4

130 69.3 56.1 84.1





#29

Tetrahydrofuran

Concen: 246.445 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX045310.D

Acq: 17 Mar 2025 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

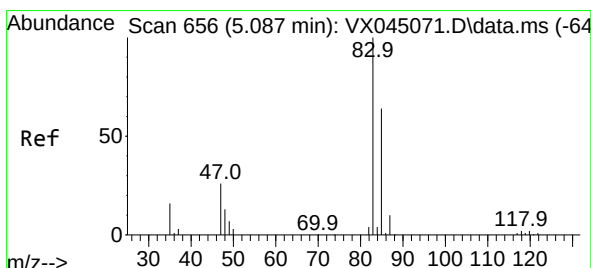
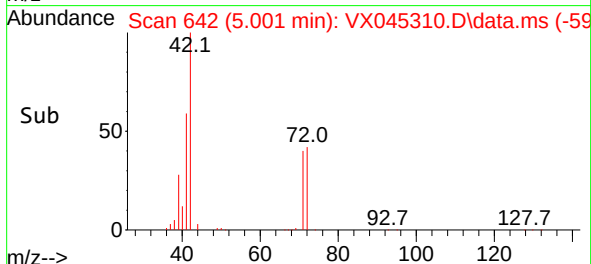
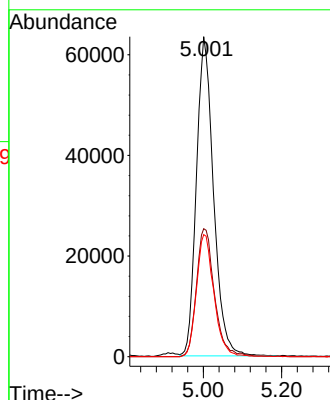
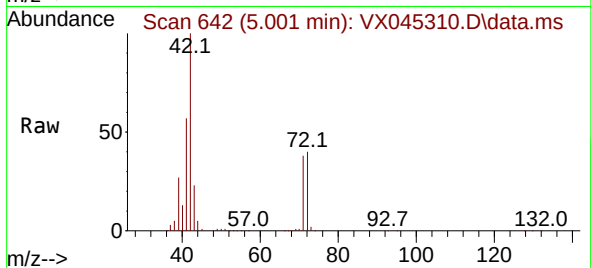
Tgt Ion: 42 Resp: 192593
 Ion Ratio Lower Upper
 42 100
 72 42.4 34.1 51.1
 71 39.1 31.4 47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#30

Chloroform

Concen: 50.158 ug/l

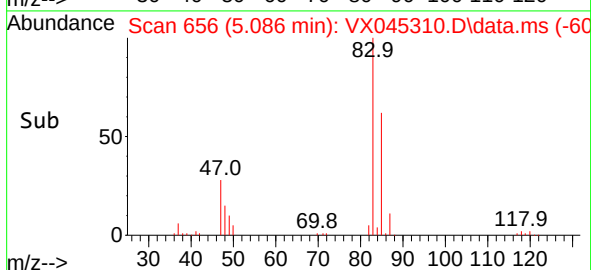
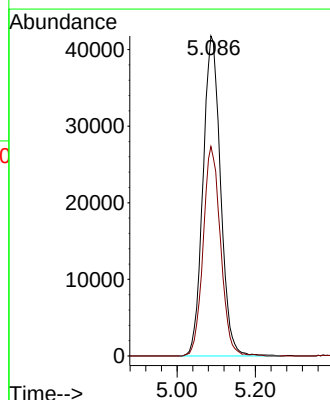
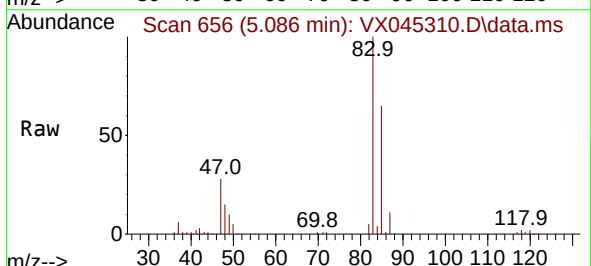
RT: 5.086 min Scan# 656

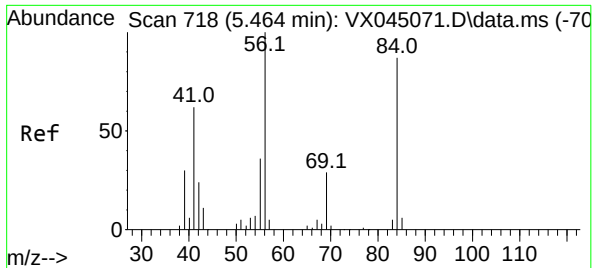
Delta R.T. -0.000 min

Lab File: VX045310.D

Acq: 17 Mar 2025 16:58

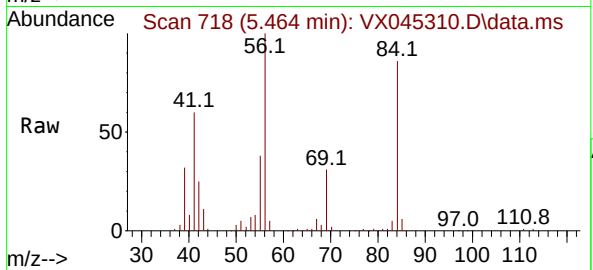
Tgt Ion: 83 Resp: 130155
 Ion Ratio Lower Upper
 83 100
 85 65.5 51.4 77.2





#31
Cyclohexane
Concen: 48.045 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

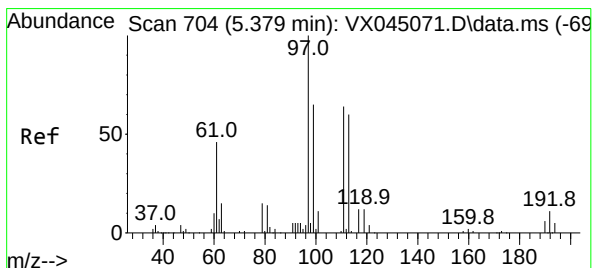
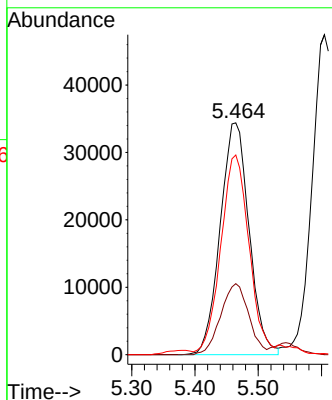
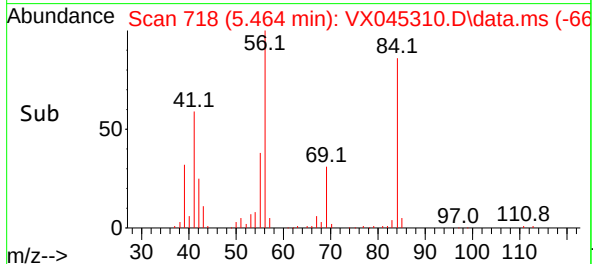
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 108918
Ion Ratio Lower Upper
56 100
69 30.7 23.4 35.2
84 84.3 69.4 104.2

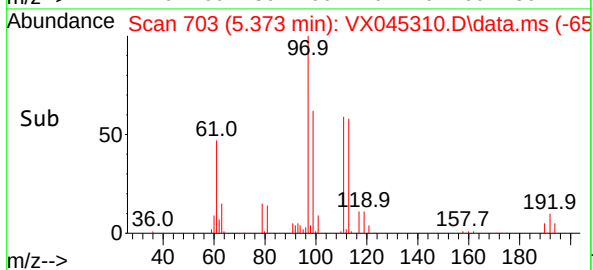
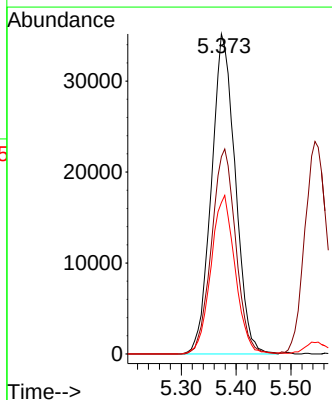
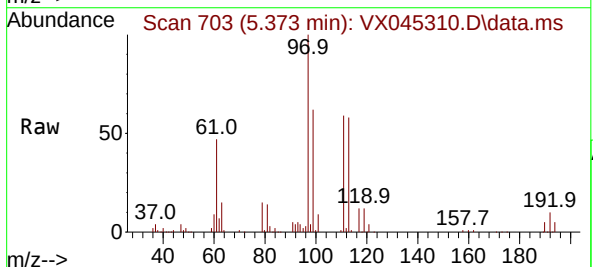
Manual Integrations
APPROVED

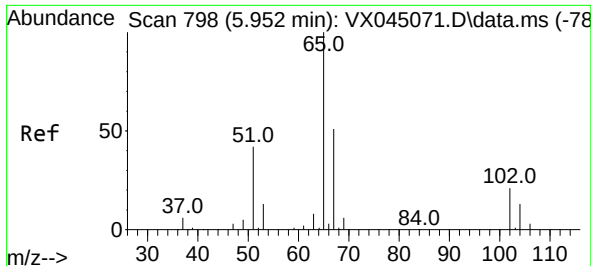
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#32
1,1,1-Trichloroethane
Concen: 50.789 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

Tgt Ion: 97 Resp: 106442
Ion Ratio Lower Upper
97 100
99 64.9 51.6 77.4
61 50.2 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 52.054 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045310.D

Acq: 17 Mar 2025 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 86730

Ion Ratio Lower Upper

65 100

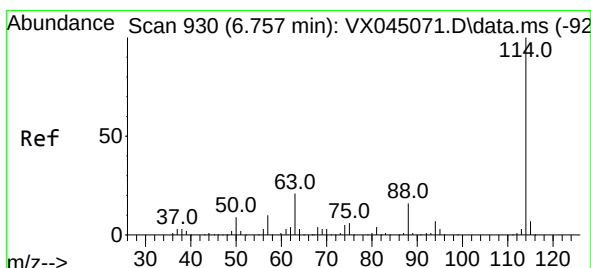
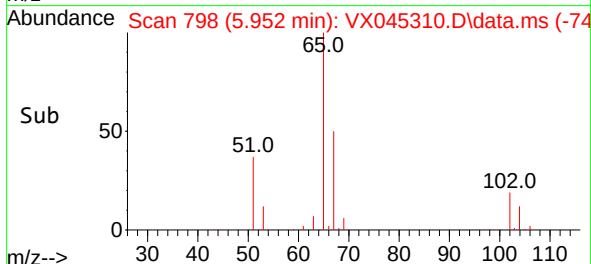
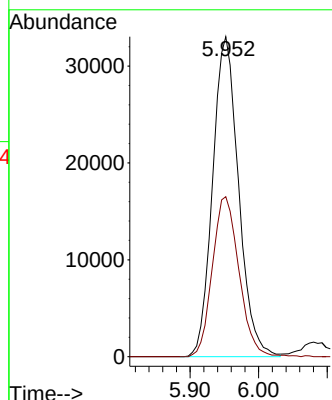
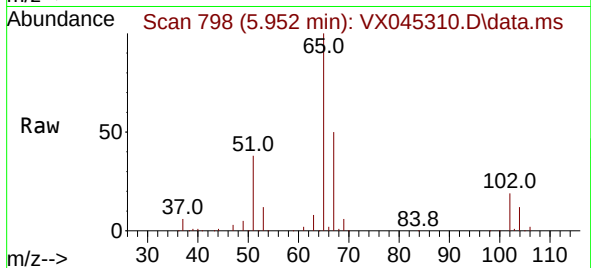
67 51.3 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045310.D

Acq: 17 Mar 2025 16:58

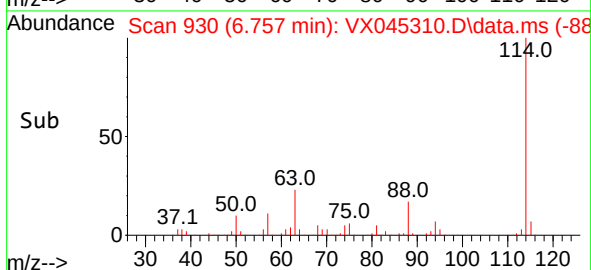
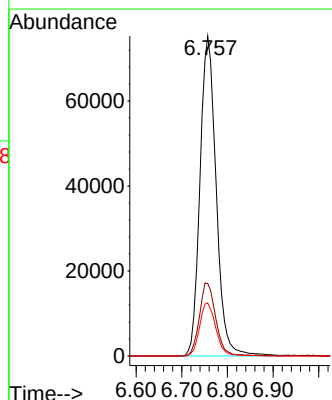
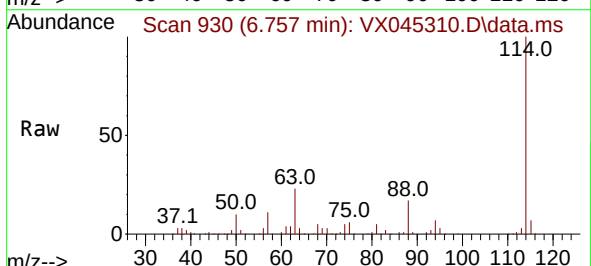
Tgt Ion:114 Resp: 185014

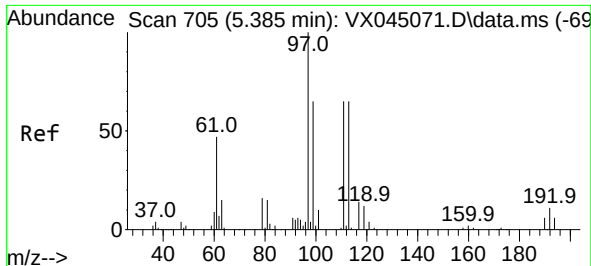
Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.8

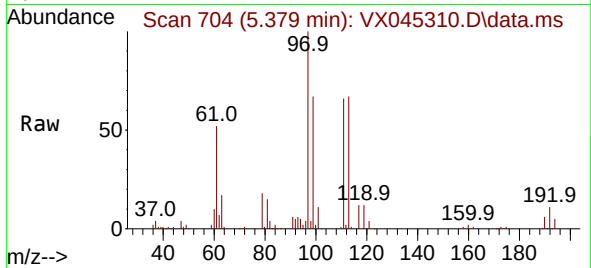
88 16.6 0.0 32.8





#35
Dibromofluoromethane
Concen: 52.403 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

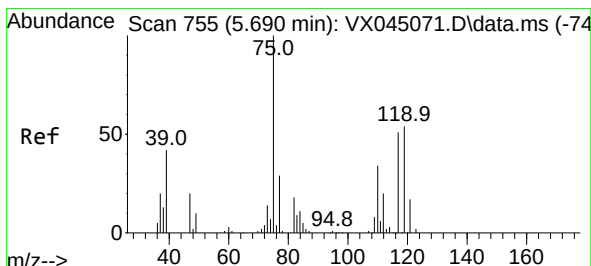
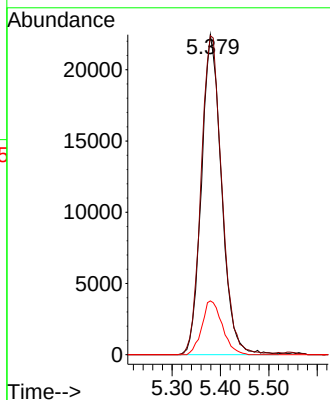
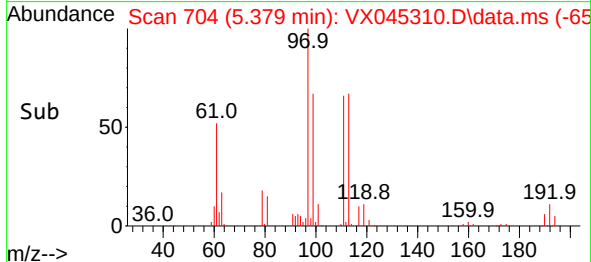
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 64830
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.6
192 17.1 14.3 21.5

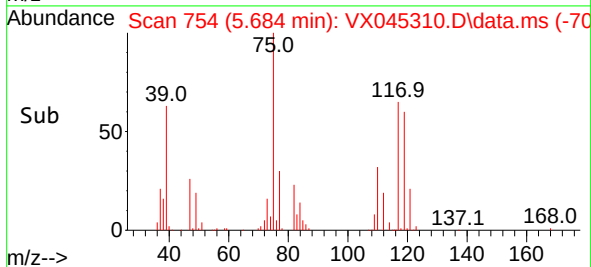
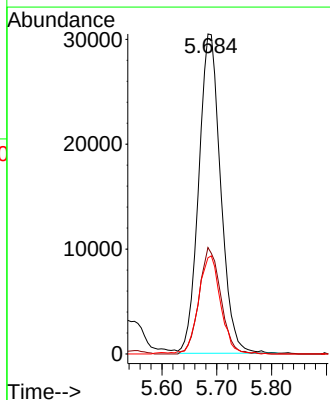
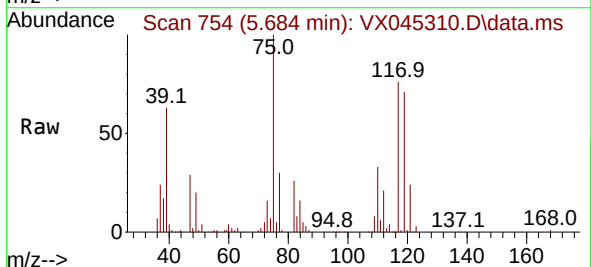
Manual Integrations
APPROVED

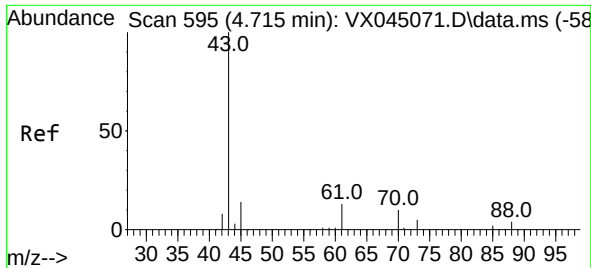
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#36
1,1-Dichloropropene
Concen: 49.789 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

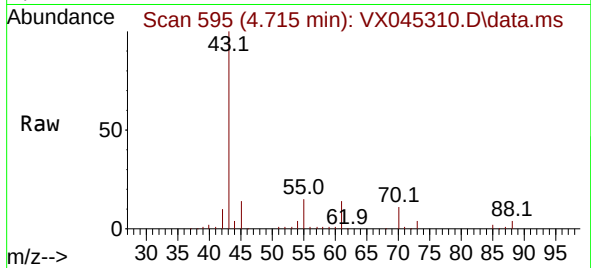
Tgt Ion: 75 Resp: 84473
Ion Ratio Lower Upper
75 100
110 33.1 16.9 50.6
77 31.0 24.5 36.7





#37
Ethyl Acetate
Concen: 49.507 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

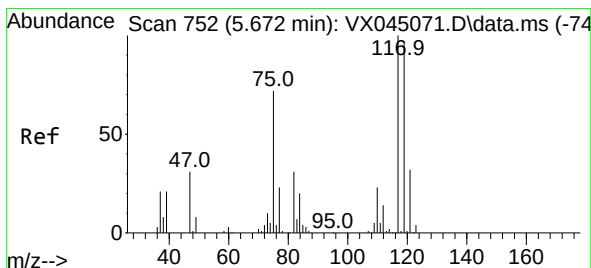
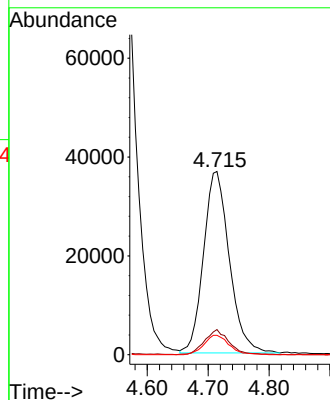
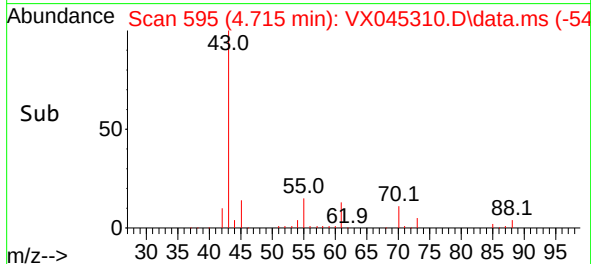
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 10823
Ion Ratio Lower Upper
43 100
61 13.1 10.8 16.2
70 10.4 7.7 11.5

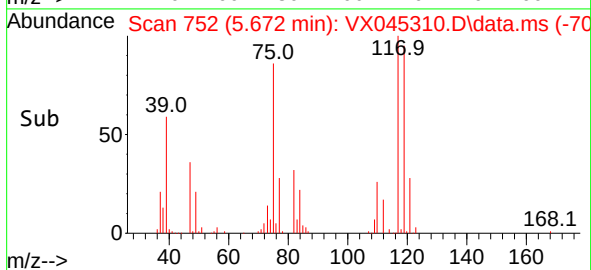
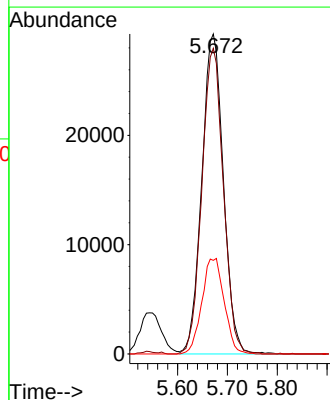
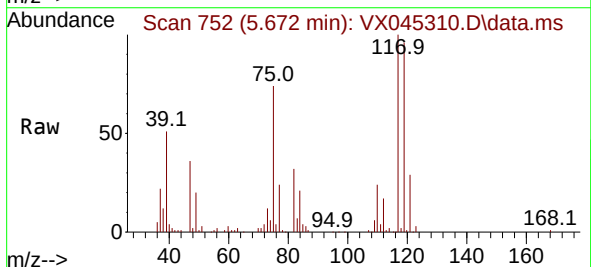
Manual Integrations
APPROVED

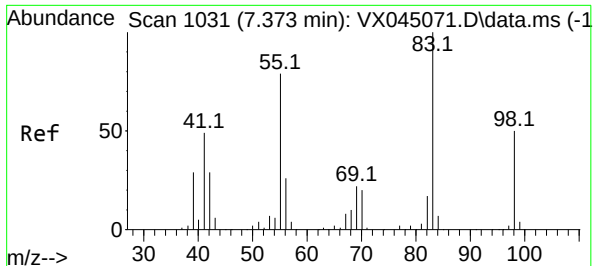
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#38
Carbon Tetrachloride
Concen: 51.138 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

Tgt Ion:117 Resp: 88084
Ion Ratio Lower Upper
117 100
119 95.3 76.7 115.1
121 29.2 25.5 38.3





#39

Methylcyclohexane

Concen: 53.035 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX045310.D

Acq: 17 Mar 2025 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 10781

Ion Ratio Lower Upper

83 100

55 82.1 63.0 94.4

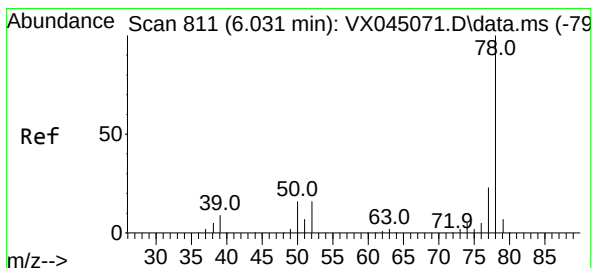
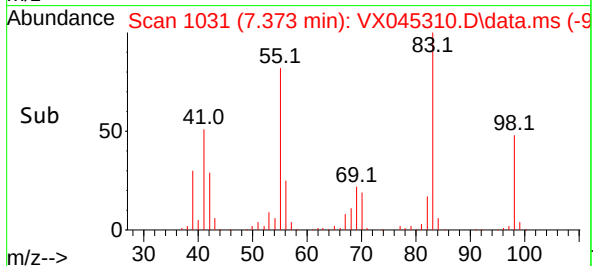
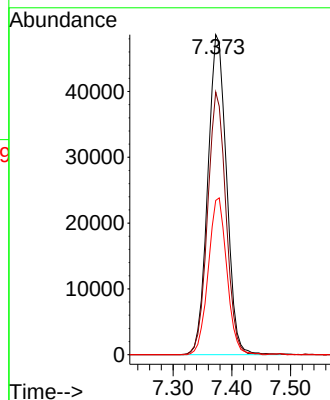
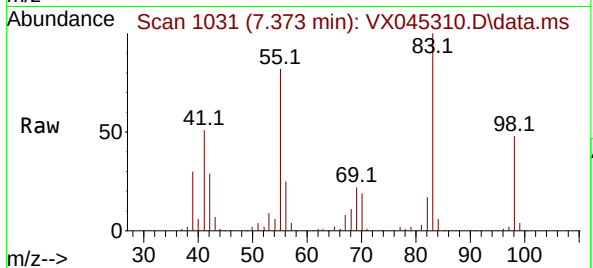
98 48.2 39.7 59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#40

Benzene

Concen: 49.421 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.000 min

Lab File: VX045310.D

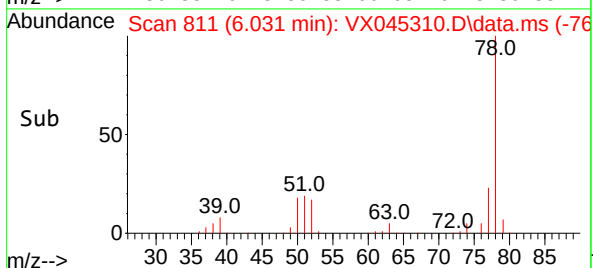
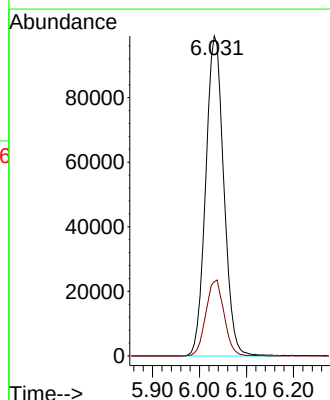
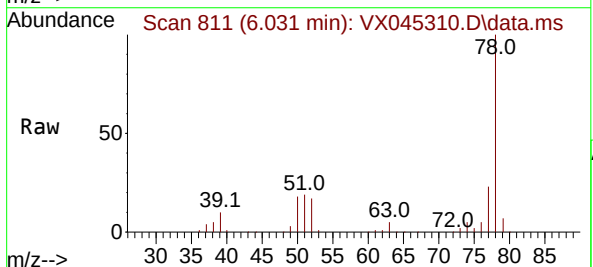
Acq: 17 Mar 2025 16:58

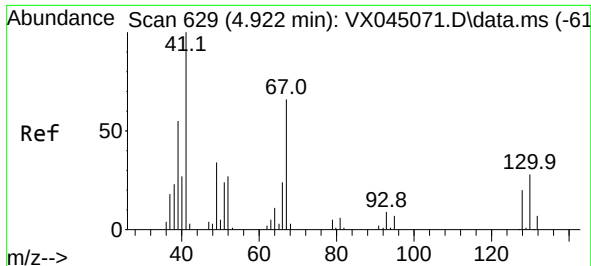
Tgt Ion: 78 Resp: 264773

Ion Ratio Lower Upper

78 100

77 23.2 18.8 28.2





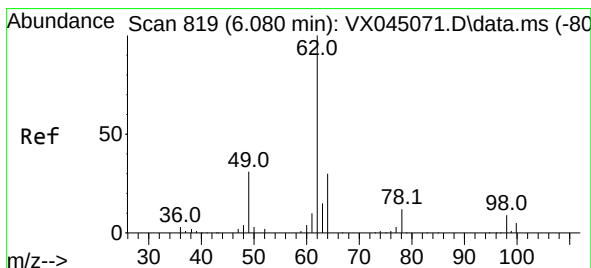
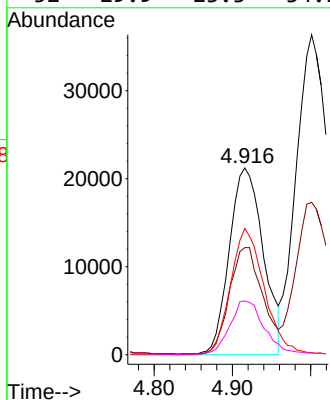
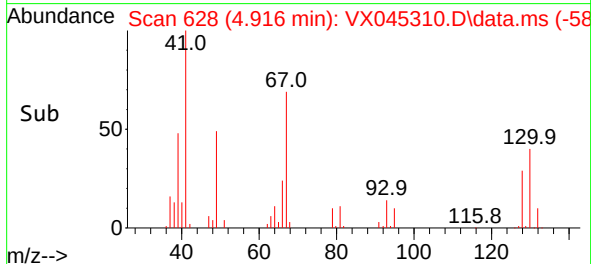
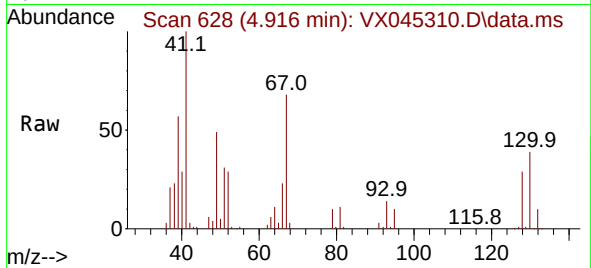
#41
Methacrylonitrile
Concen: 54.250 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 64130
Ion Ratio Lower Upper
41 100
39 55.6 44.6 67.0
67 67.3 53.9 80.9
52 29.9 23.3 34.9

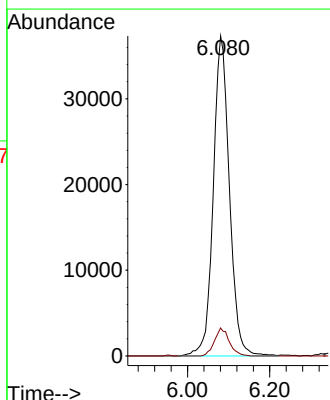
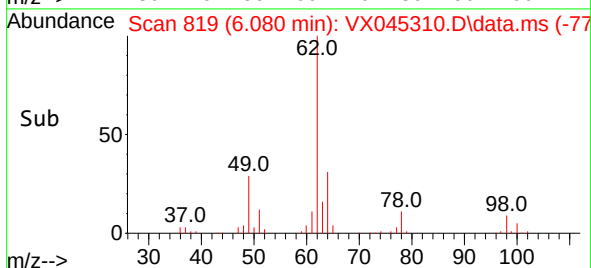
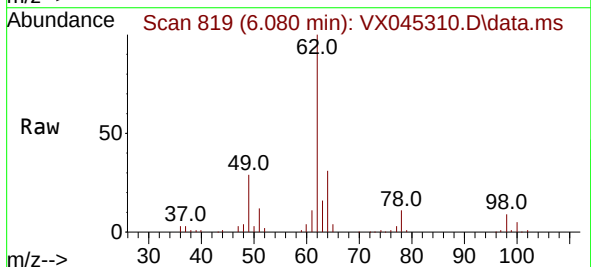
Manual Integrations
APPROVED

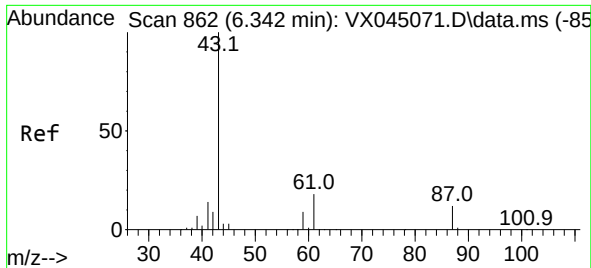
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#42
1,2-Dichloroethane
Concen: 52.709 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

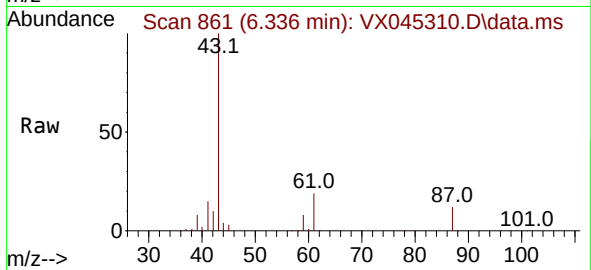
Tgt Ion: 62 Resp: 101689
Ion Ratio Lower Upper
62 100
98 8.0 0.0 18.2





#43
Isopropyl Acetate
Concen: 55.051 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

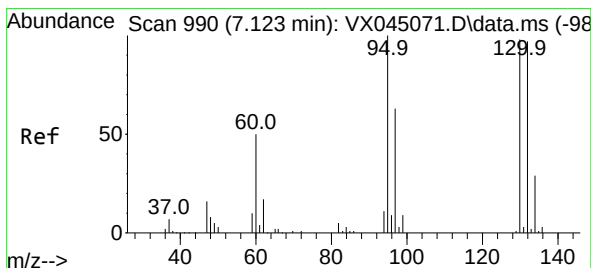
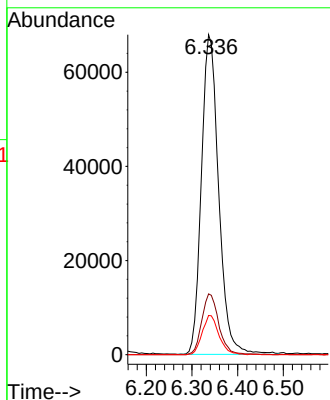
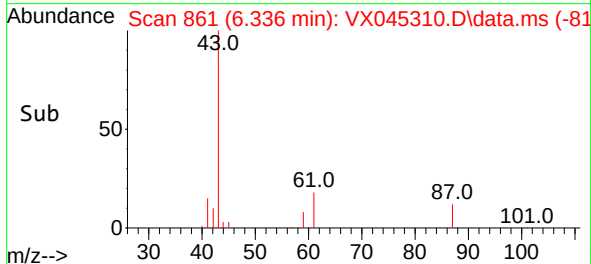
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 17796
Ion Ratio Lower Upper
43 100
61 18.8 14.9 22.3
87 11.9 9.4 14.2

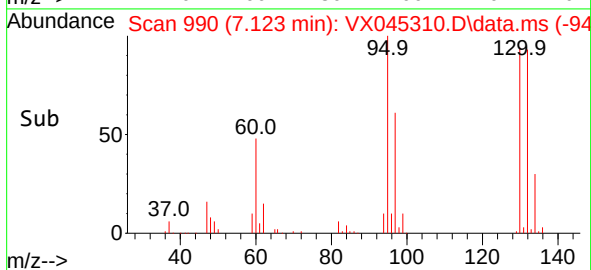
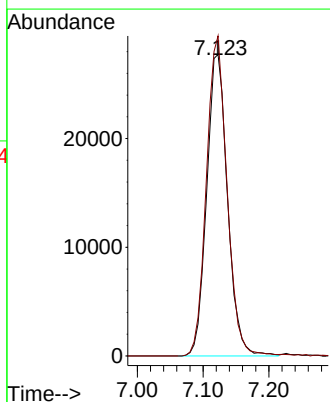
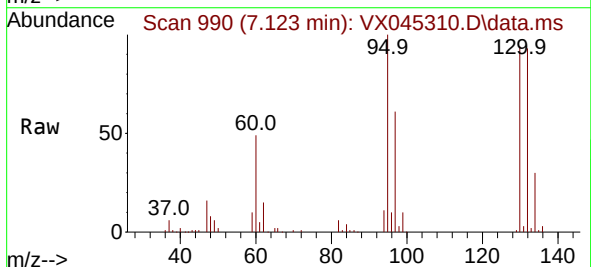
Manual Integrations
APPROVED

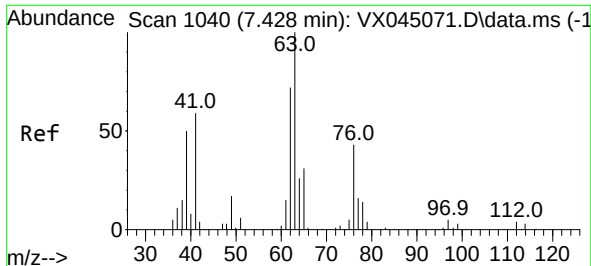
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#44
Trichloroethene
Concen: 48.640 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

Tgt Ion:130 Resp: 61189
Ion Ratio Lower Upper
130 100
95 106.1 0.0 205.0





#45

1,2-Dichloropropane

Concen: 51.020 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX045310.D

Acq: 17 Mar 2025 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 70278

Ion Ratio Lower Upper

63 100

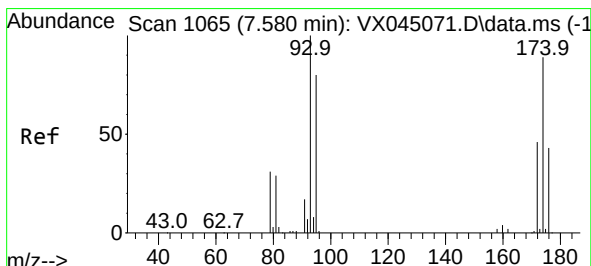
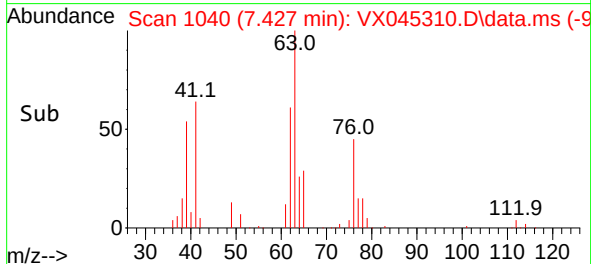
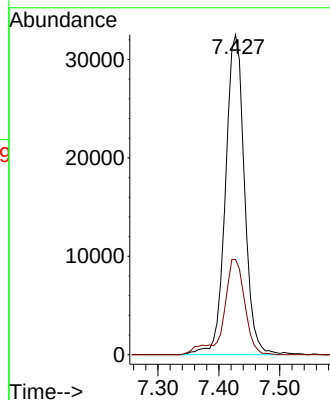
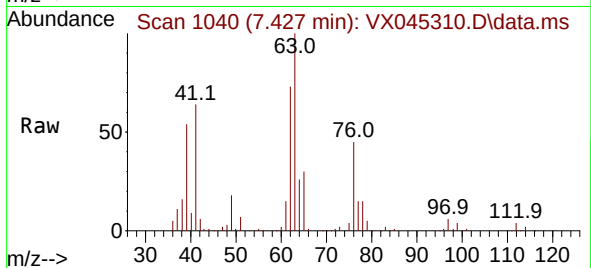
65 29.8 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#46

Dibromomethane

Concen: 51.652 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX045310.D

Acq: 17 Mar 2025 16:58

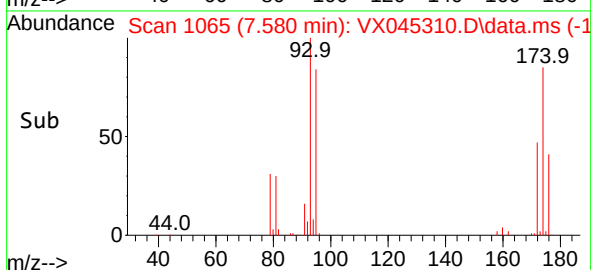
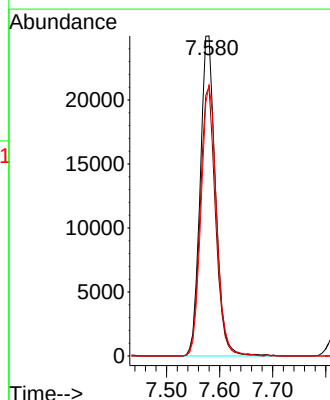
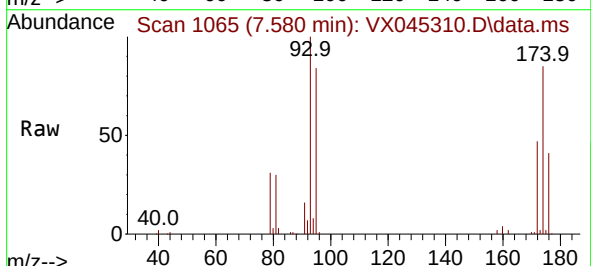
Tgt Ion: 93 Resp: 50289

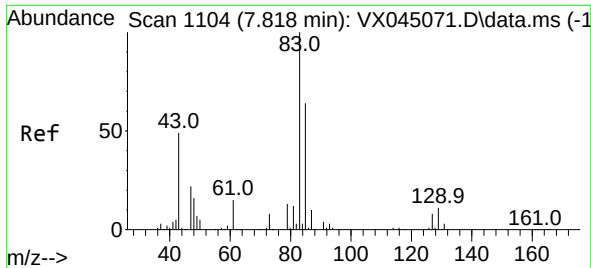
Ion Ratio Lower Upper

93 100

95 83.6 65.8 98.8

174 85.3 72.2 108.2





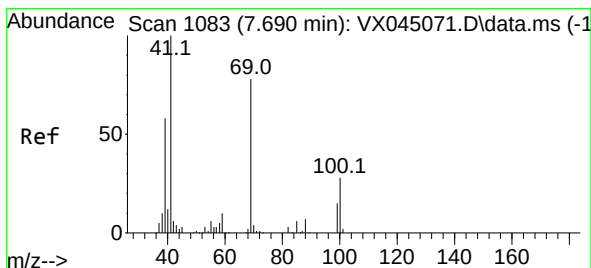
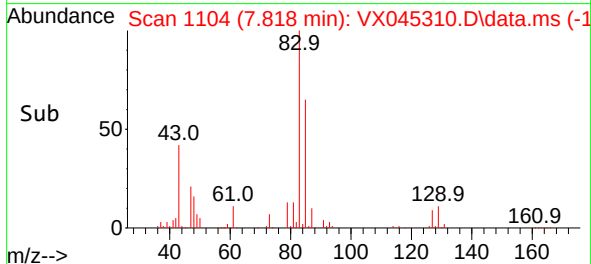
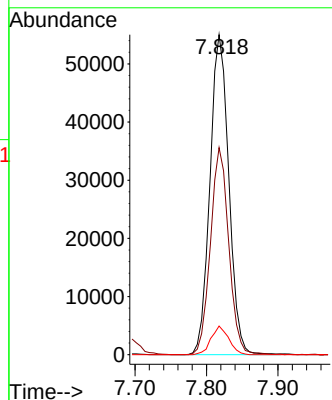
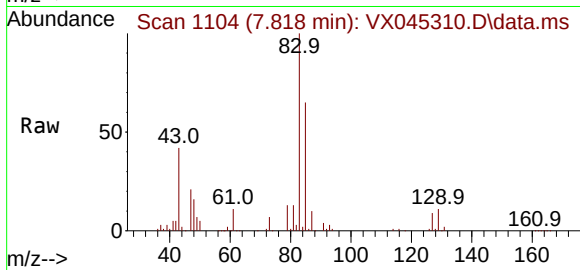
#47
Bromodichloromethane
Concen: 52.689 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 10062
Ion Ratio Lower Upper
83 100
85 64.7 51.1 76.7
127 8.9 6.4 9.6

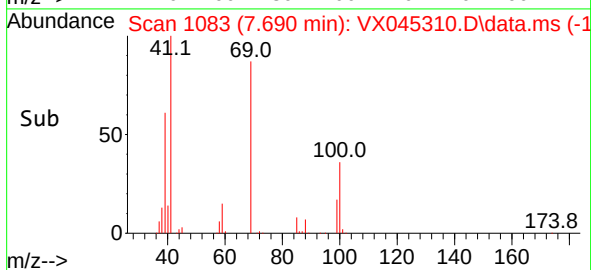
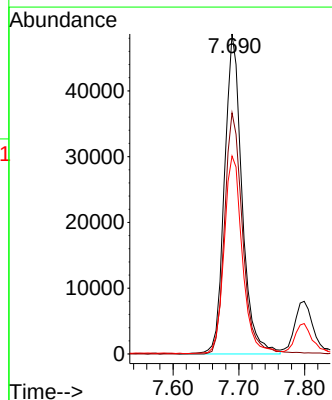
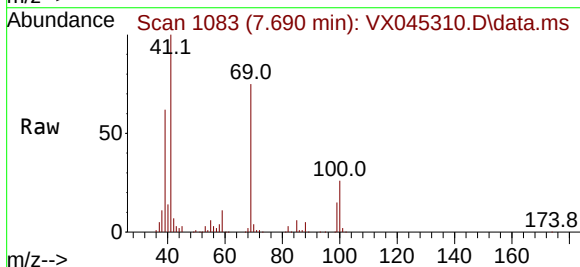
Manual Integrations
APPROVED

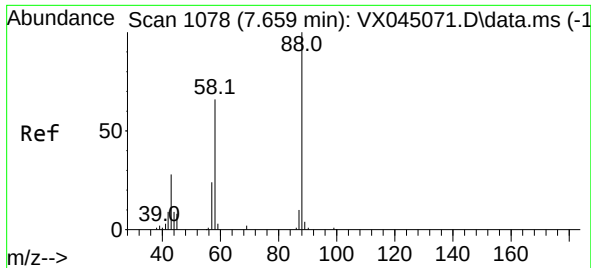
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#48
Methyl methacrylate
Concen: 55.685 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

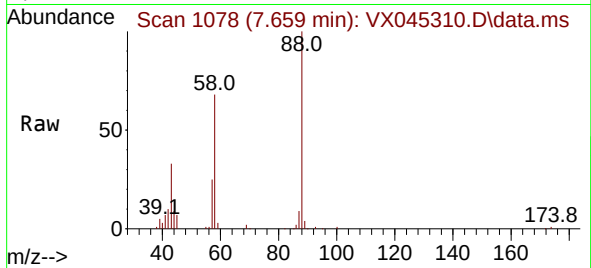
Tgt Ion: 41 Resp: 90312
Ion Ratio Lower Upper
41 100
69 77.3 63.0 94.6
39 64.1 47.5 71.3





#49
1,4-Dioxane
Concen: 1021.160 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

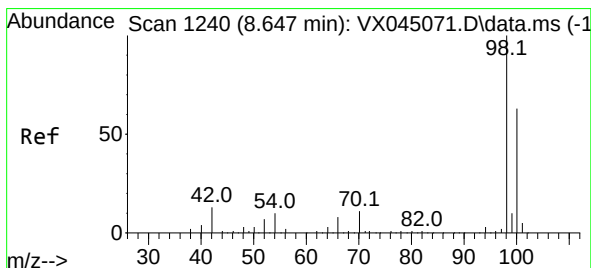
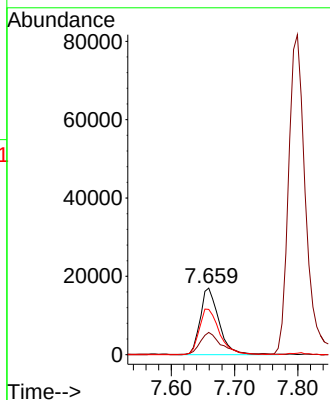
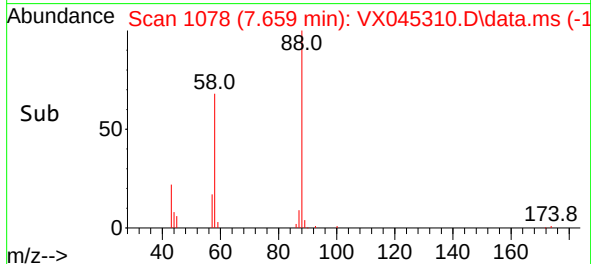
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 34935
Ion Ratio Lower Upper
88 100
43 37.6 28.7 43.1
58 74.0 55.8 83.8

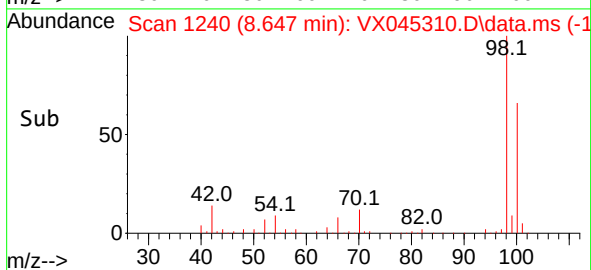
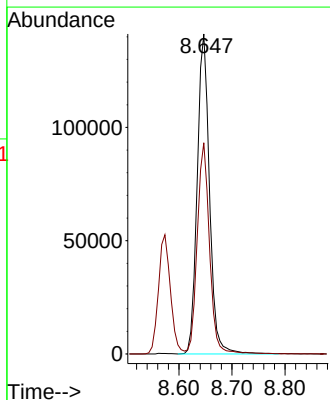
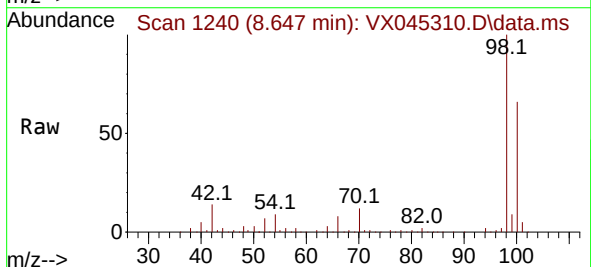
Manual Integrations
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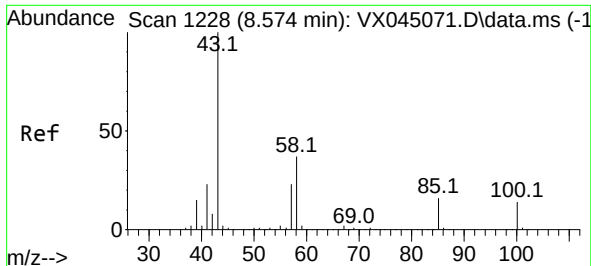
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#50
Toluene-d8
Concen: 50.833 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

Tgt Ion: 98 Resp: 227990
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0





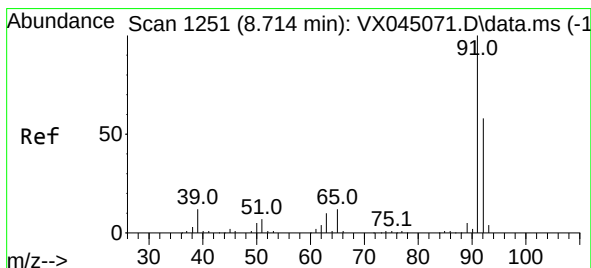
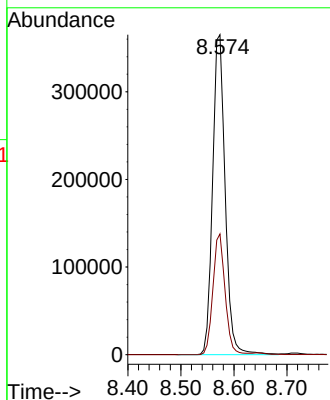
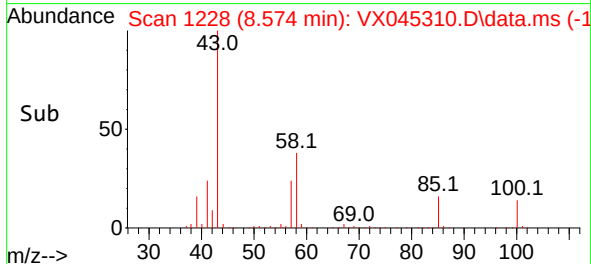
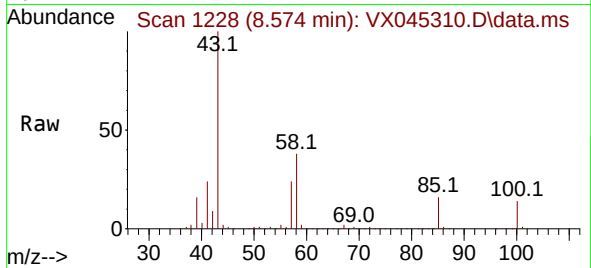
#51
4-Methyl-2-Pentanone
Concen: 276.998 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 60125
Ion Ratio Lower Upper
43 100
58 36.5 29.2 43.8

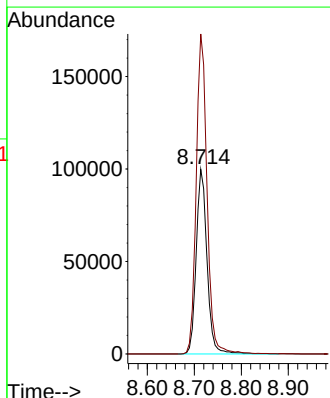
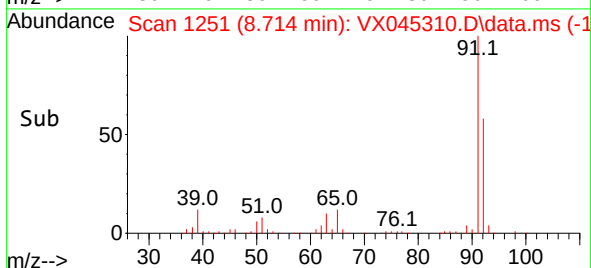
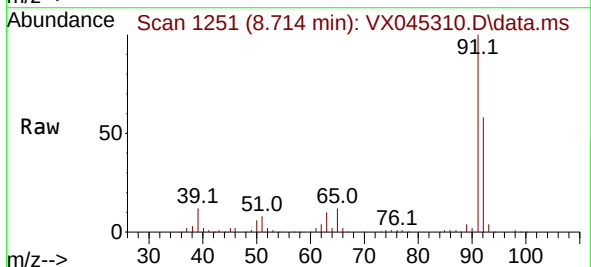
Manual Integrations
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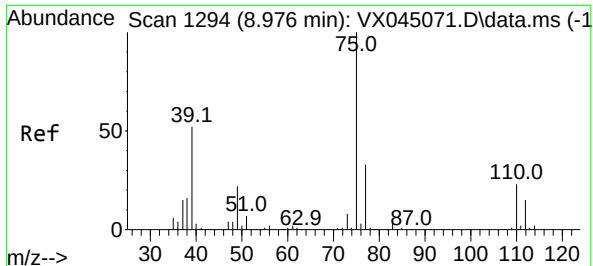
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#52
Toluene
Concen: 51.083 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

Tgt Ion: 92 Resp: 160571
Ion Ratio Lower Upper
92 100
91 173.7 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 57.717 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VX045310.D

Acq: 17 Mar 2025 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 9214

Ion Ratio Lower Upper

75 100

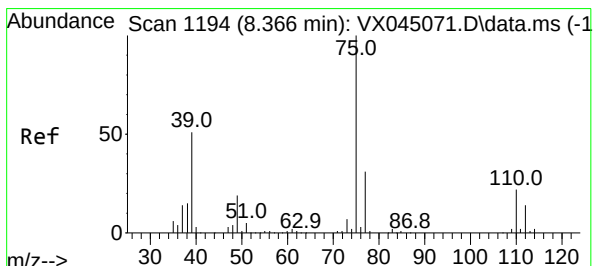
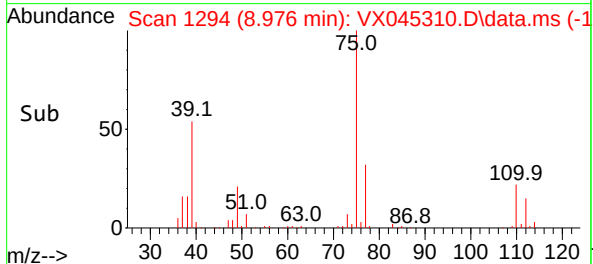
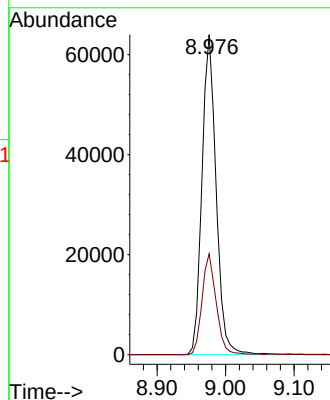
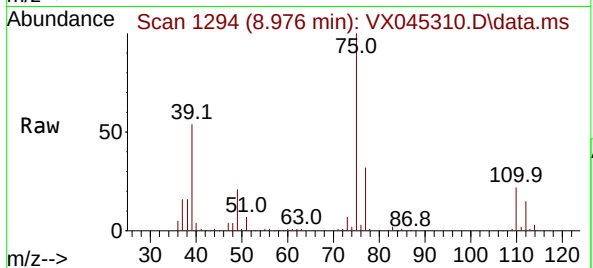
77 31.6 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#54

cis-1,3-Dichloropropene

Concen: 56.188 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045310.D

Acq: 17 Mar 2025 16:58

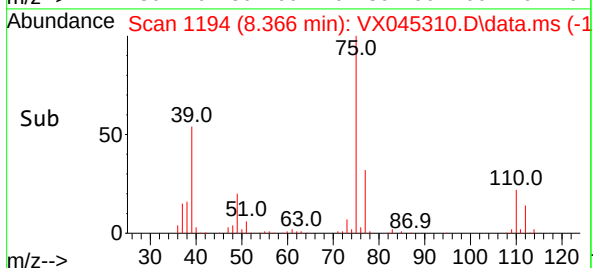
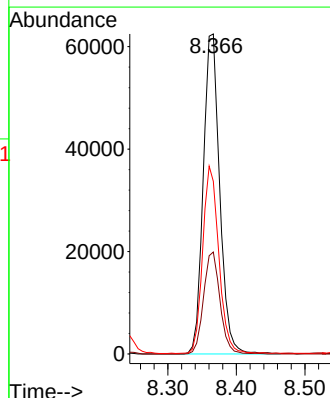
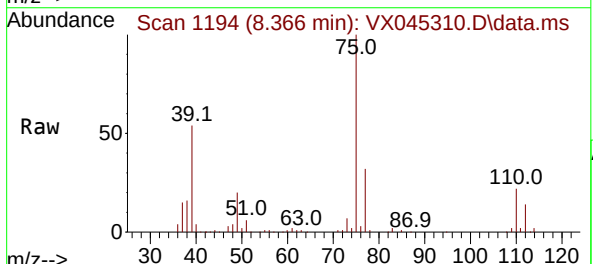
Tgt Ion: 75 Resp: 104606

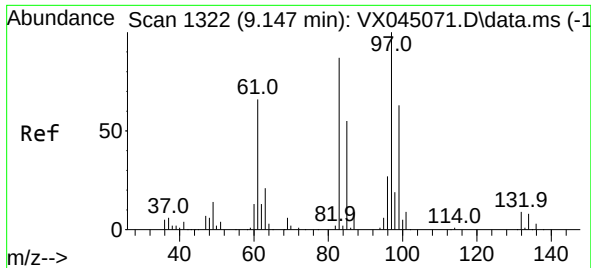
Ion Ratio Lower Upper

75 100

77 31.9 24.7 37.1

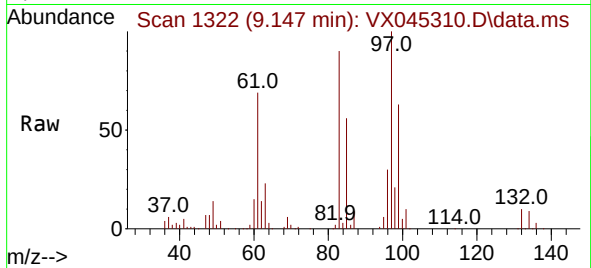
39 53.7 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 50.922 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

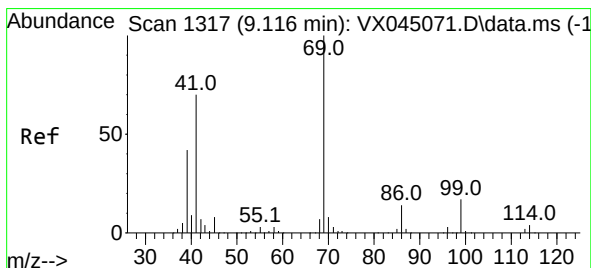
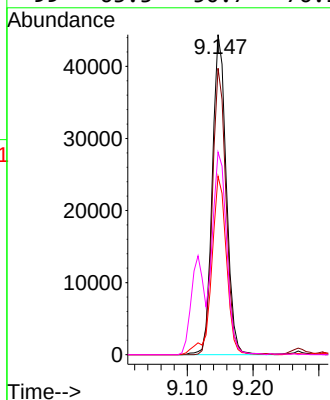
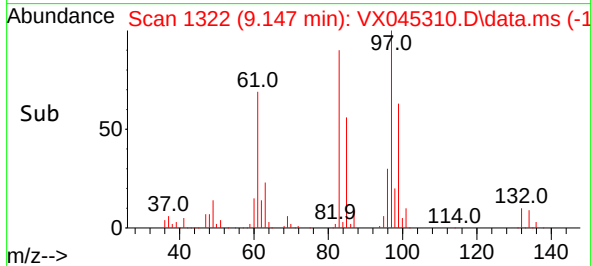


Tgt Ion: 97 Resp: 65890

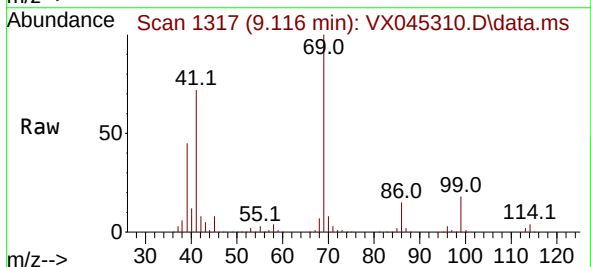
Ion	Ratio	Lower	Upper
97	100		
83	89.5	69.4	104.2
85	55.7	44.1	66.1
99	63.3	50.7	76.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

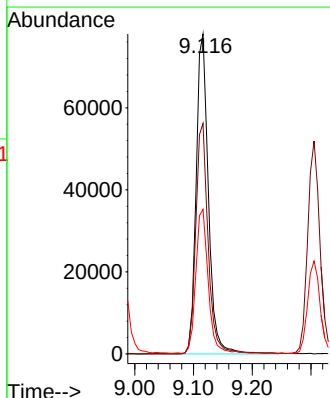
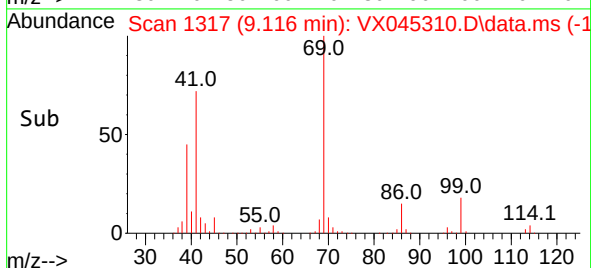


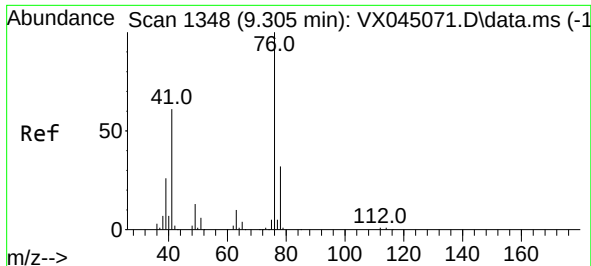
#56
Ethyl methacrylate
Concen: 57.558 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58



Tgt Ion: 69 Resp: 113218

Ion	Ratio	Lower	Upper
69	100		
41	72.6	57.0	85.4
39	45.7	34.2	51.4





#57

1,3-Dichloropropane

Concen: 51.457 ug/l

RT: 9.305 min Scan# 11523

Delta R.T. -0.000 min

Lab File: VX045310.D

Acq: 17 Mar 2025 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 11523

Ion Ratio Lower Upper

76 100

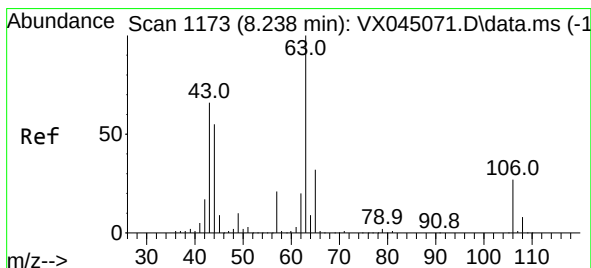
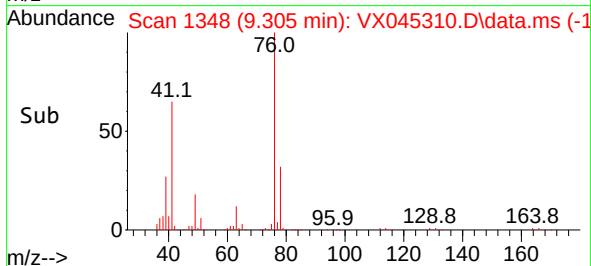
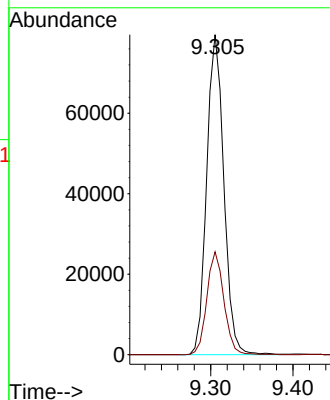
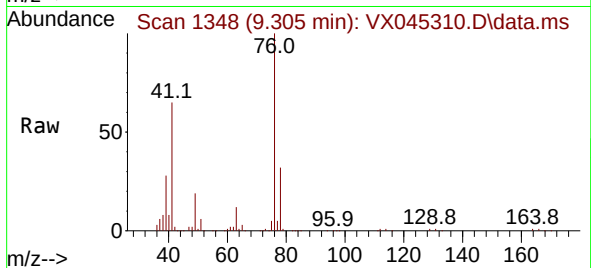
78 32.0 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#58

2-Chloroethyl Vinyl ether

Concen: 297.966 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045310.D

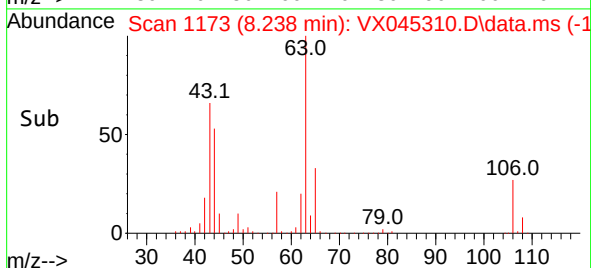
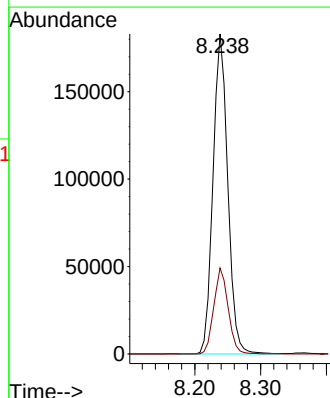
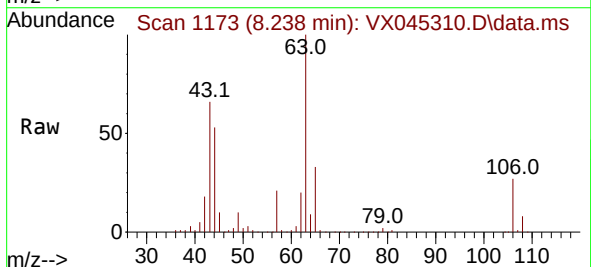
Acq: 17 Mar 2025 16:58

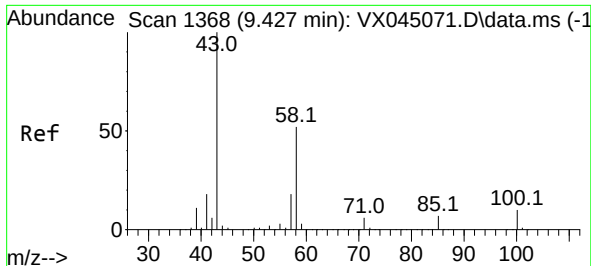
Tgt Ion: 63 Resp: 285909

Ion Ratio Lower Upper

63 100

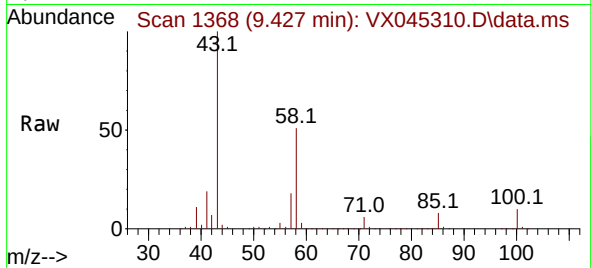
106 26.1 21.5 32.3





#59
2-Hexanone
Concen: 278.516 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

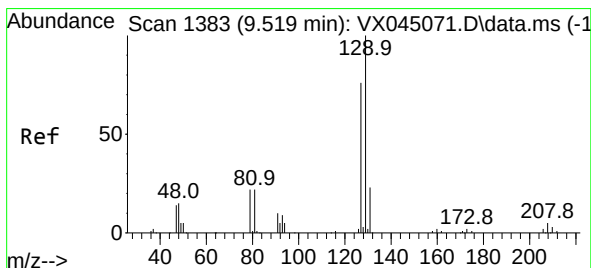
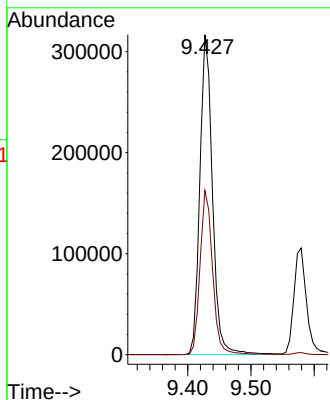
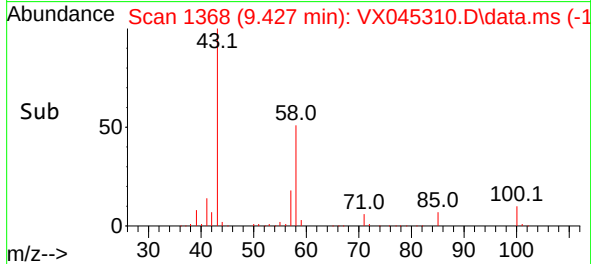
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 438023
Ion Ratio Lower Upper
43 100
58 51.4 25.9 77.6

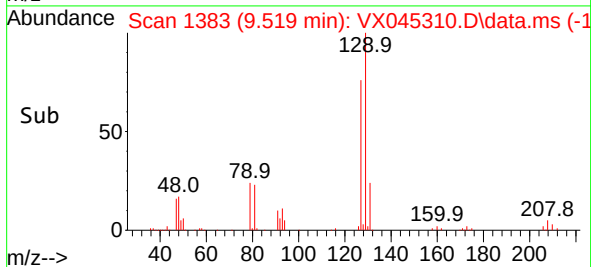
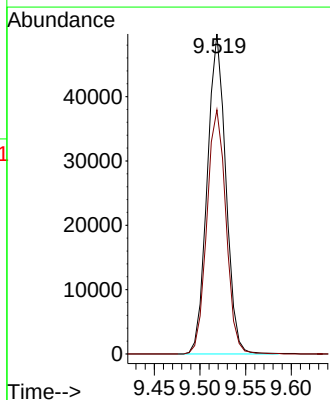
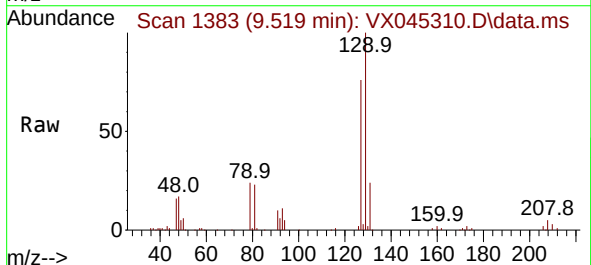
Manual Integrations
APPROVED

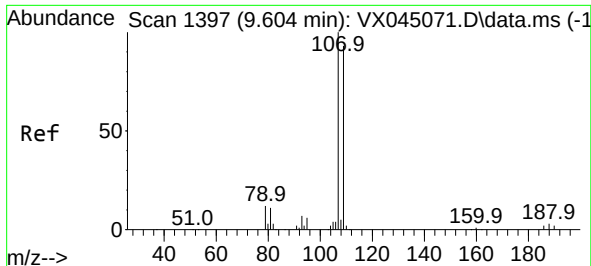
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#60
Dibromochloromethane
Concen: 51.811 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

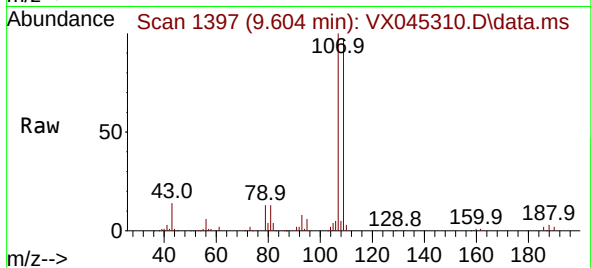
Tgt Ion:129 Resp: 70103
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.5





#61
1,2-Dibromoethane
Concen: 51.746 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

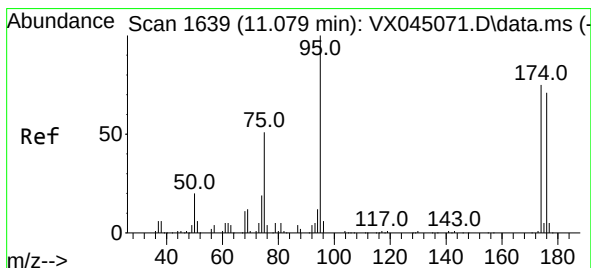
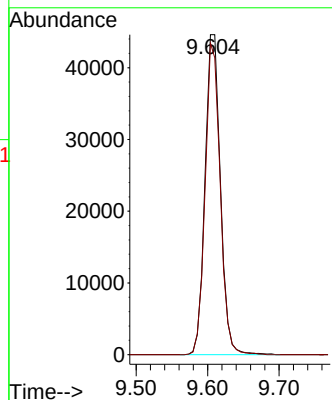
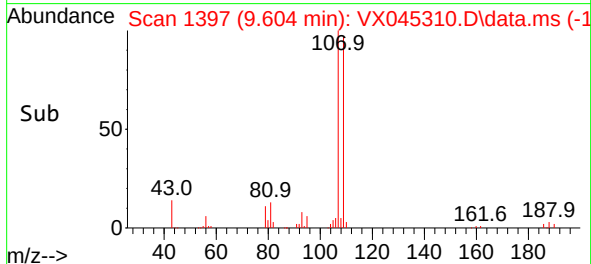
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 6684
Ion Ratio Lower Upper
107 100
109 95.0 76.1 114.1

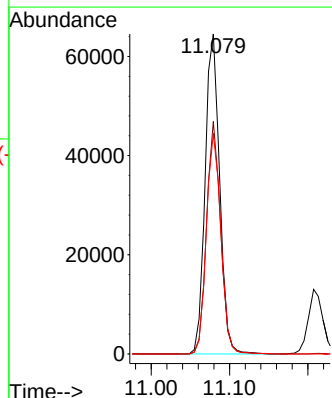
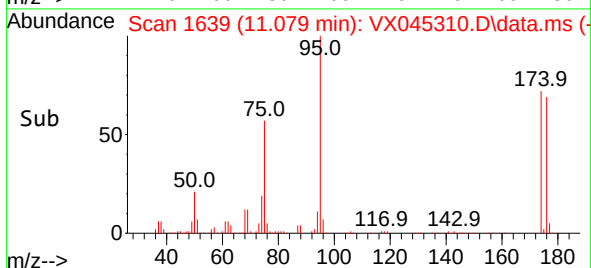
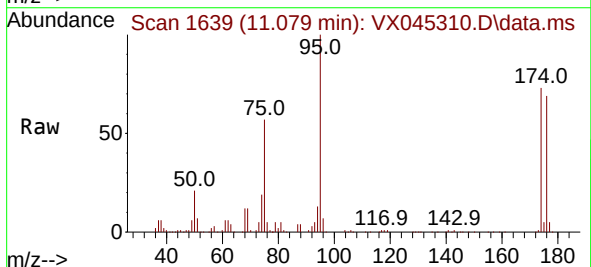
Manual Integrations
APPROVED

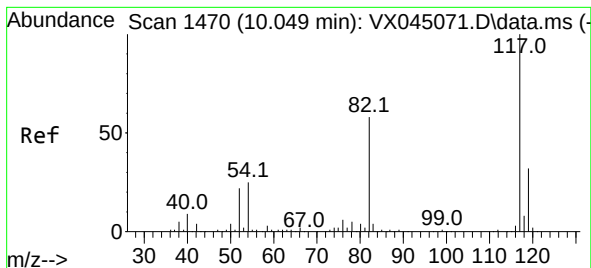
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#62
4-Bromofluorobenzene
Concen: 55.734 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

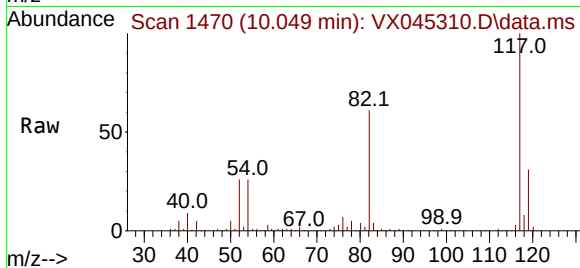
Tgt Ion: 95 Resp: 82833
Ion Ratio Lower Upper
95 100
174 70.0 0.0 148.2
176 69.1 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

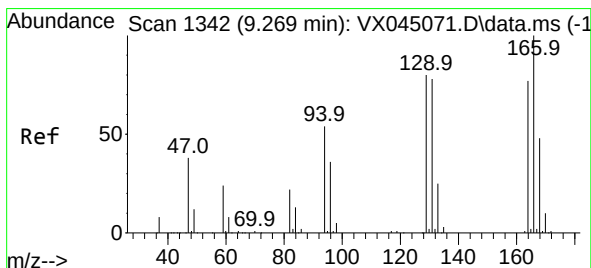
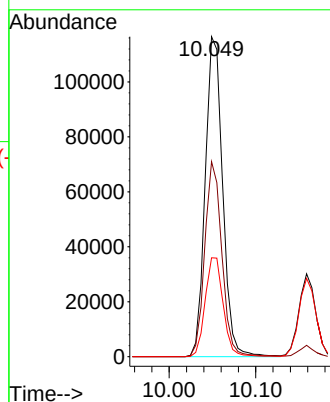
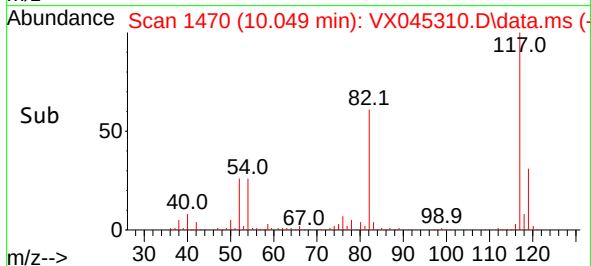
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 163072
Ion Ratio Lower Upper
117 100
82 61.0 46.3 69.5
119 30.9 25.7 38.5

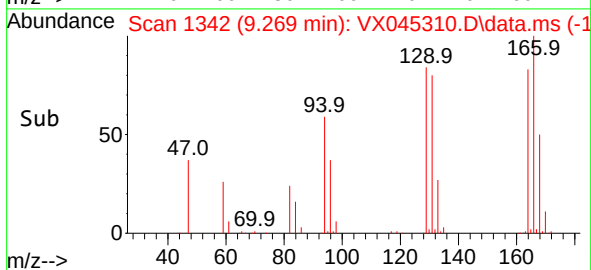
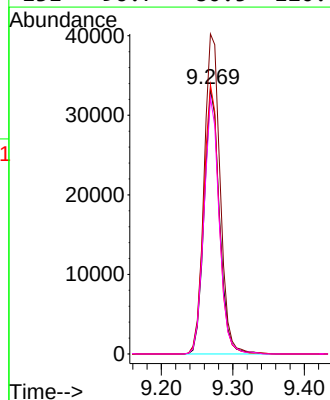
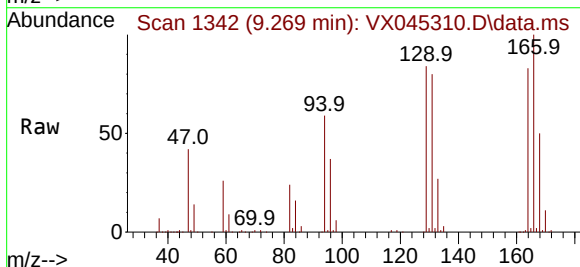
Manual Integrations
APPROVED

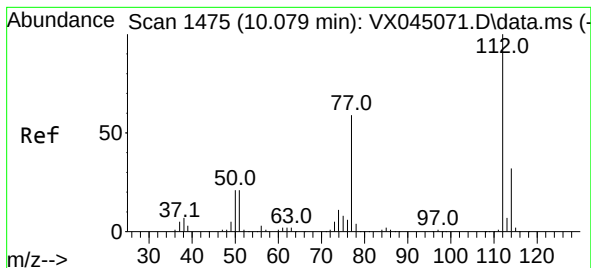
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#64
Tetrachloroethene
Concen: 47.377 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

Tgt Ion:164 Resp: 49481
Ion Ratio Lower Upper
164 100
166 120.8 103.6 155.4
129 101.7 82.7 124.1
131 96.7 80.5 120.7





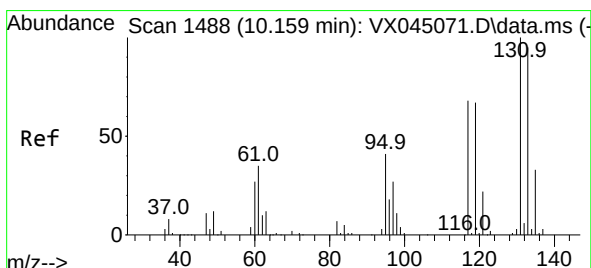
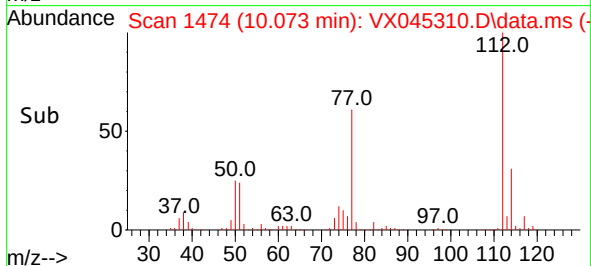
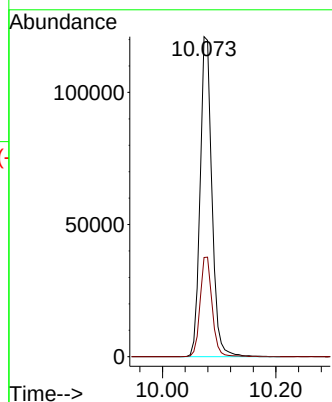
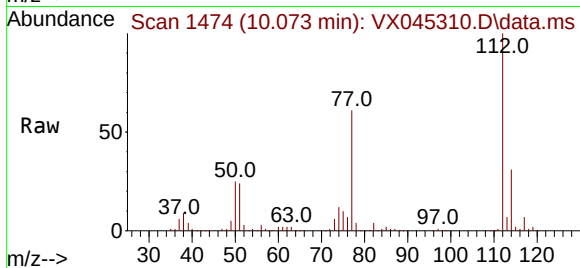
#65
Chlorobenzene
Concen: 50.551 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 174430
Ion Ratio Lower Upper
112 100
114 31.0 26.0 39.0

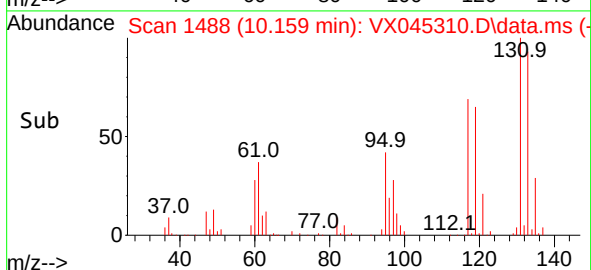
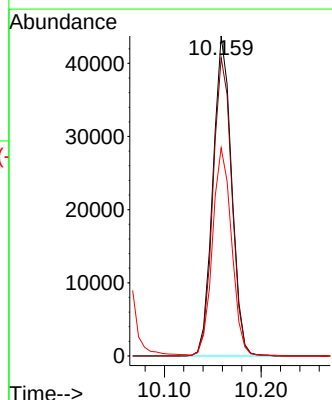
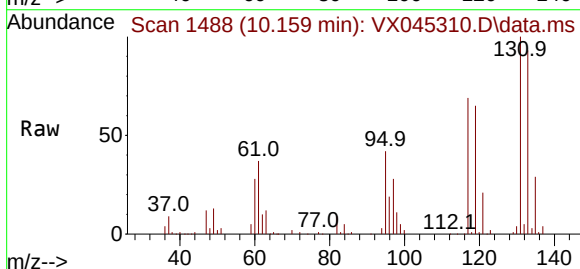
Manual Integrations
APPROVED

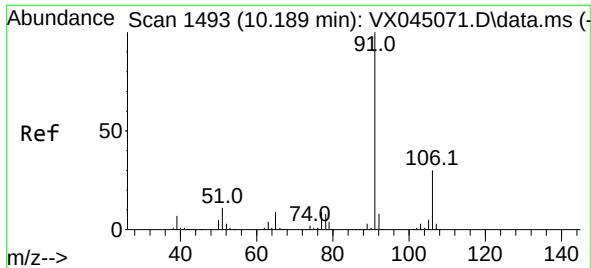
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 51.186 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

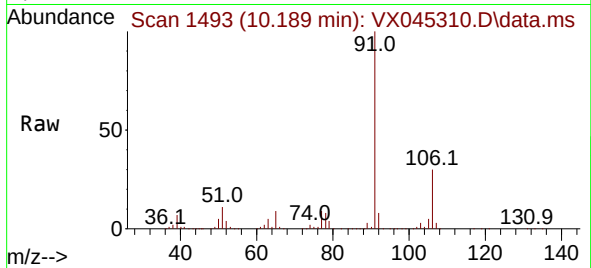
Tgt Ion:131 Resp: 58818
Ion Ratio Lower Upper
131 100
133 94.0 48.6 145.9
119 66.5 33.9 101.7





#67
Ethyl Benzene
Concen: 51.796 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

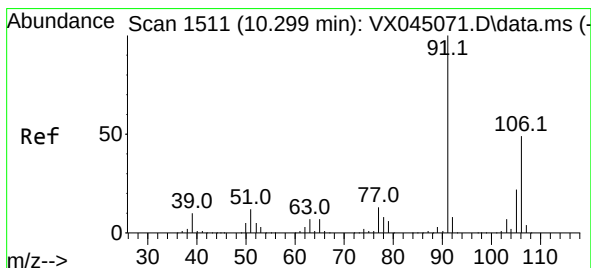
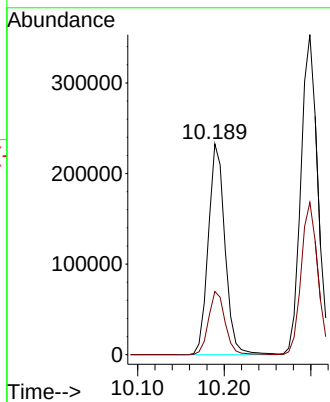
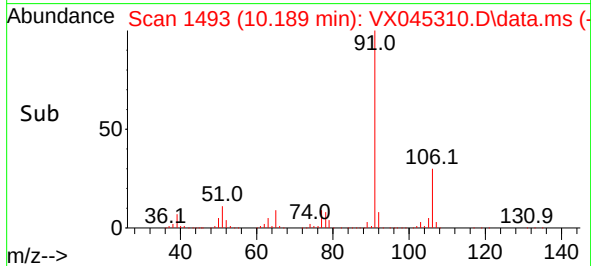
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 311414
Ion Ratio Lower Upper
91 100
106 30.0 23.9 35.9

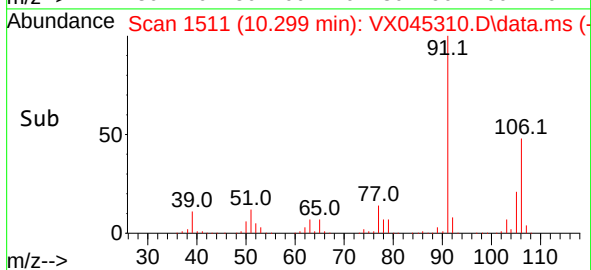
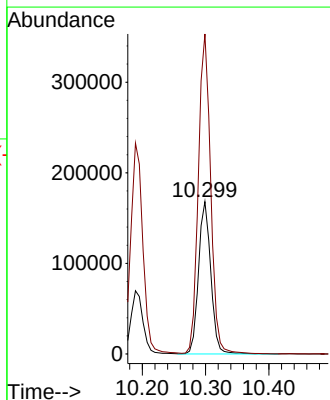
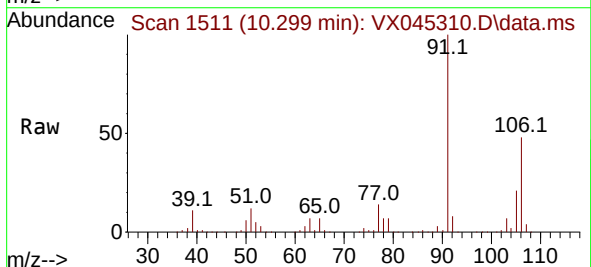
Manual Integrations
APPROVED

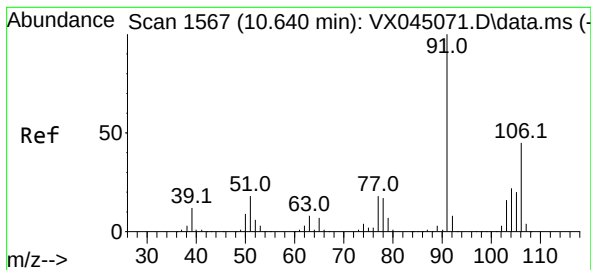
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#68
m/p-Xylenes
Concen: 103.228 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

Tgt Ion:106 Resp: 227203
Ion Ratio Lower Upper
106 100
91 211.2 165.4 248.0





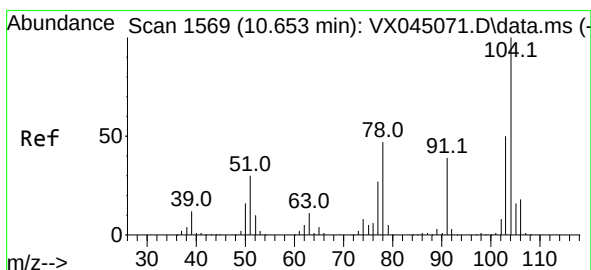
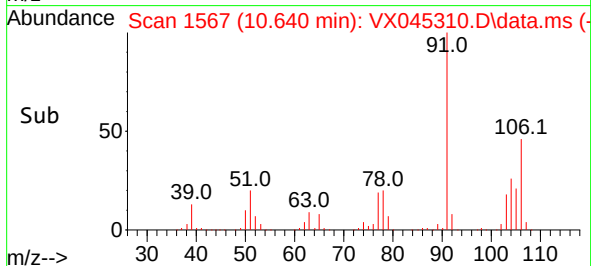
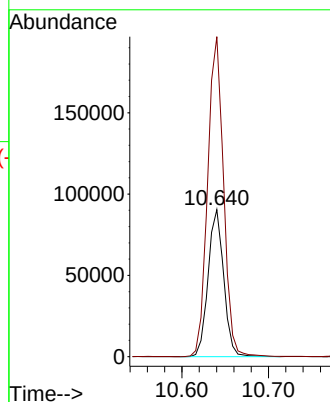
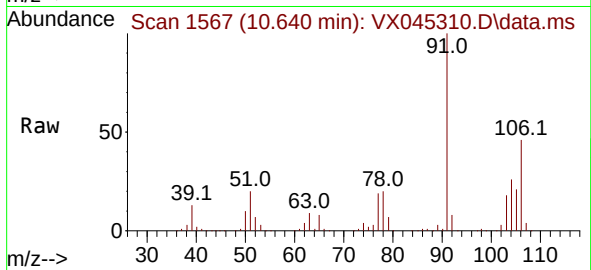
#69
o-Xylene
Concen: 51.000 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 11321
Ion Ratio Lower Upper
106 100
91 222.1 109.9 329.6

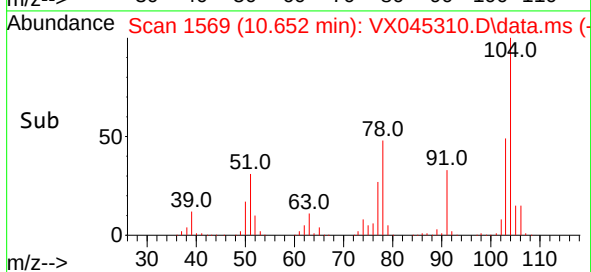
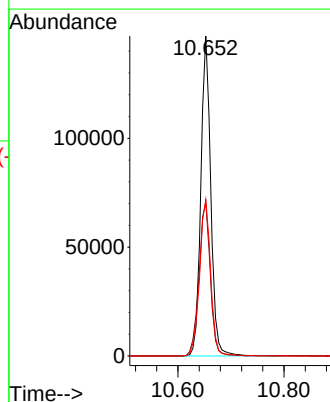
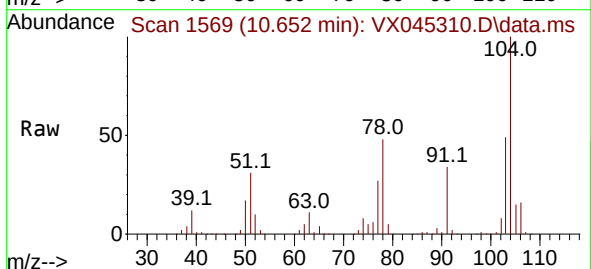
Manual Integrations
APPROVED

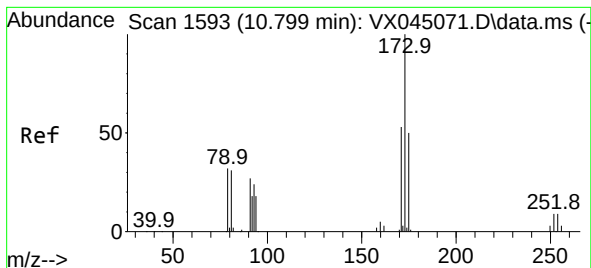
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#70
Styrene
Concen: 53.366 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

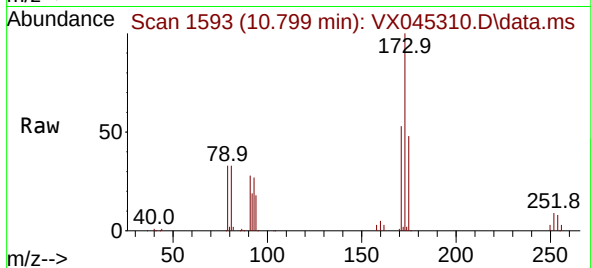
Tgt Ion:104 Resp: 191682
Ion Ratio Lower Upper
104 100
78 54.7 42.2 63.4
103 54.5 43.8 65.8





#71
Bromoform
Concen: 52.769 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

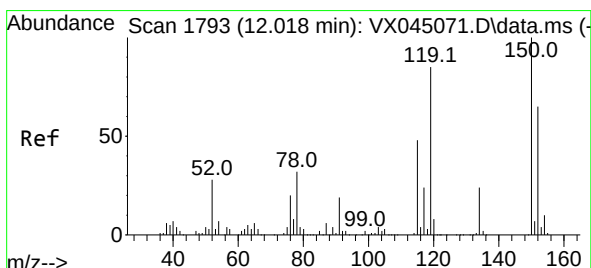
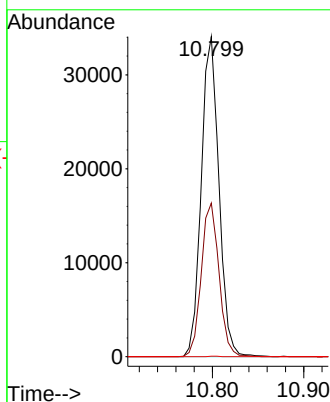
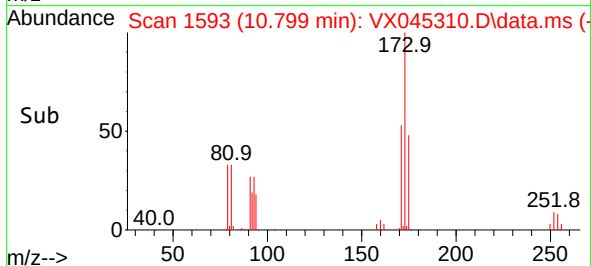
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



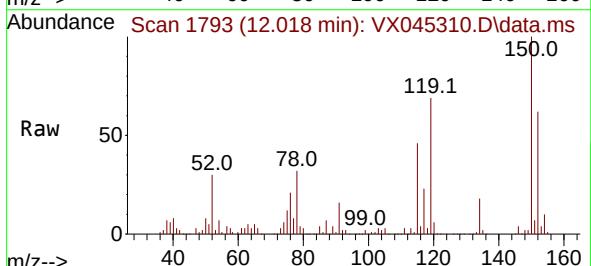
Tgt Ion:173 Resp: 45720
Ion Ratio Lower Upper
173 100
175 48.2 24.6 73.6
254 0.1 0.0 0.0

Manual Integrations
APPROVED

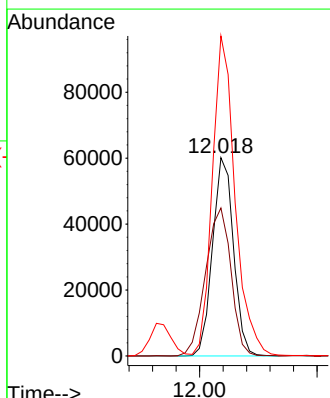
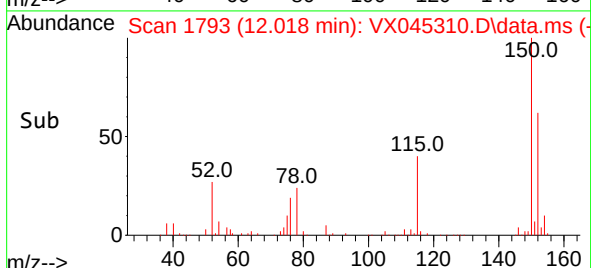
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

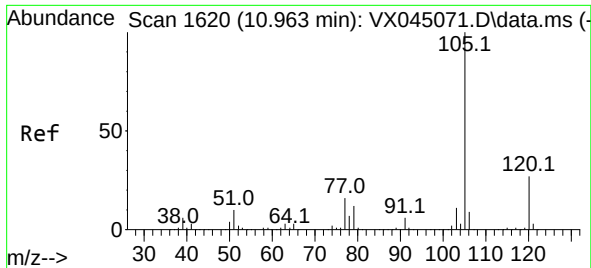


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58



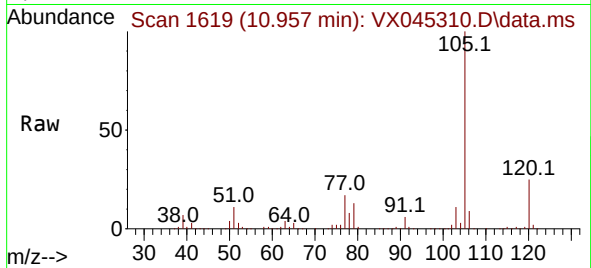
Tgt Ion:152 Resp: 74552
Ion Ratio Lower Upper
152 100
115 90.4 44.2 132.6
150 174.7 0.0 349.0





#73
Isopropylbenzene
Concen: 51.600 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

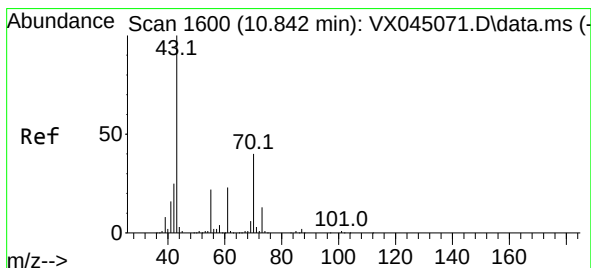
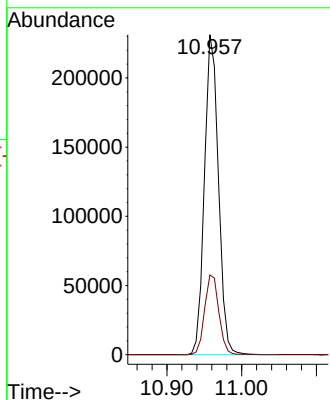
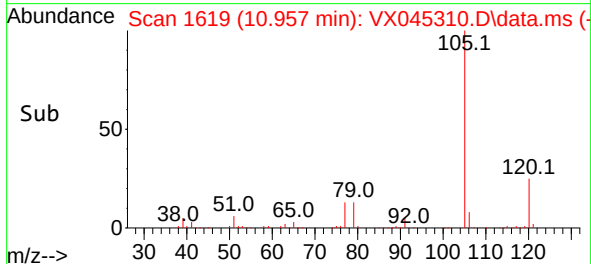
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



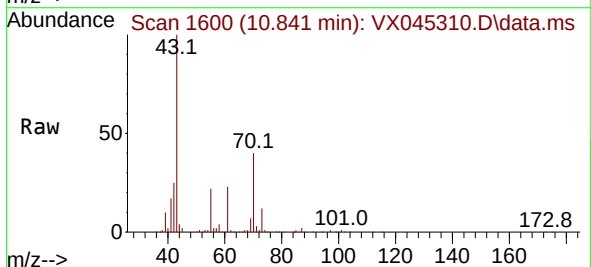
Tgt Ion:105 Resp: 300263
Ion Ratio Lower Upper
105 100
120 25.4 13.2 39.5

Manual Integrations
APPROVED

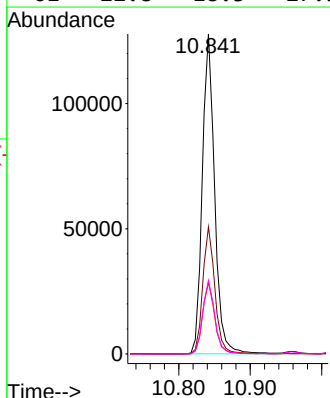
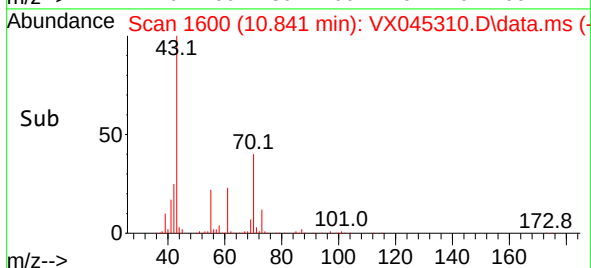
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

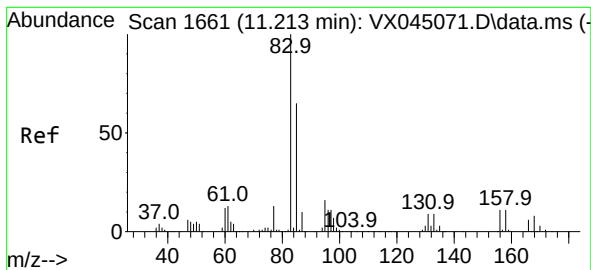


#74
N-ethyl acetate
Concen: 56.076 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58



Tgt Ion: 43 Resp: 153113
Ion Ratio Lower Upper
43 100
70 39.3 31.8 47.6
55 22.4 18.3 27.5
61 22.8 18.3 27.5





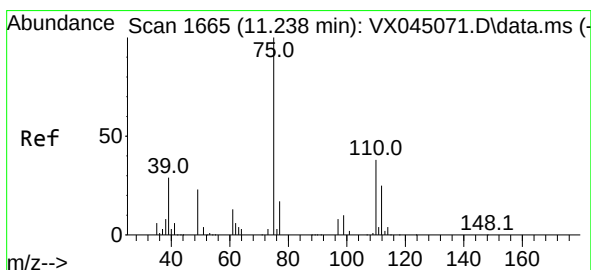
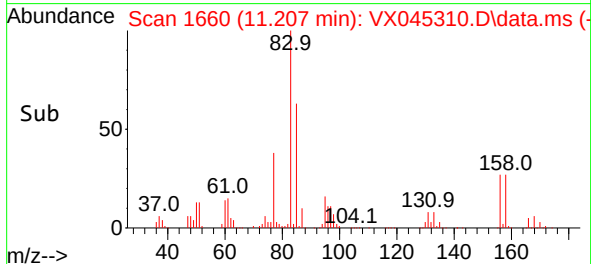
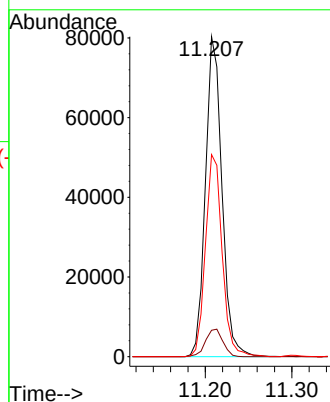
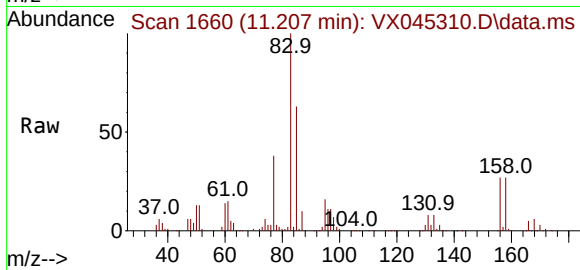
#75
1,1,2,2-Tetrachloroethane
Concen: 49.804 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 106350
Ion Ratio Lower Upper
83 100
131 9.1 4.5 13.4
85 64.0 31.7 95.1

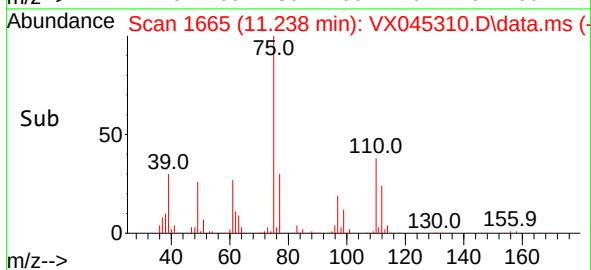
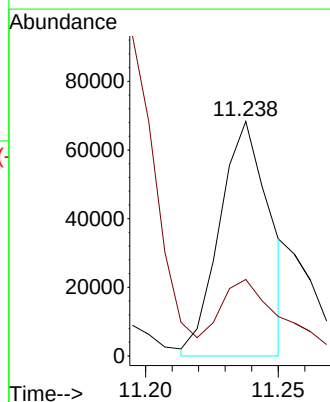
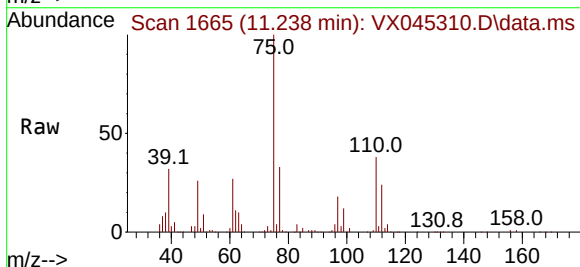
Manual Integrations
APPROVED

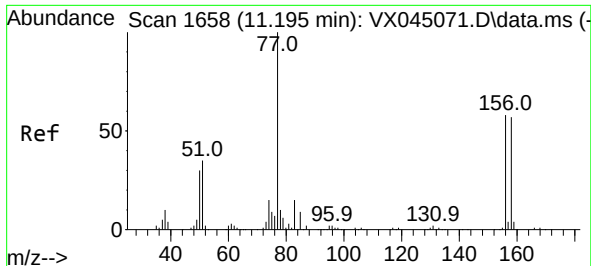
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#76
1,2,3-Trichloropropane
Concen: 51.279 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

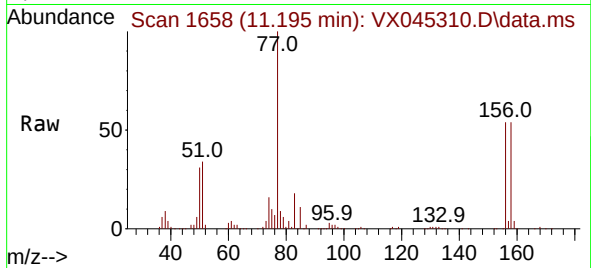
Tgt Ion: 75 Resp: 88979
Ion Ratio Lower Upper
75 100
77 41.2 20.7 62.1





#77
Bromobenzene
Concen: 48.842 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

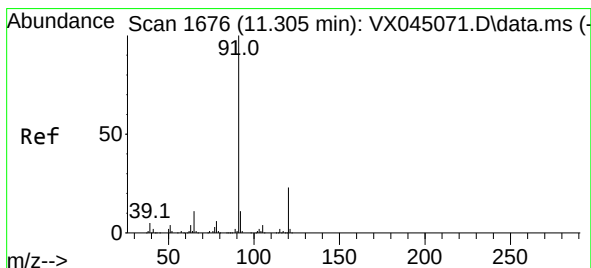
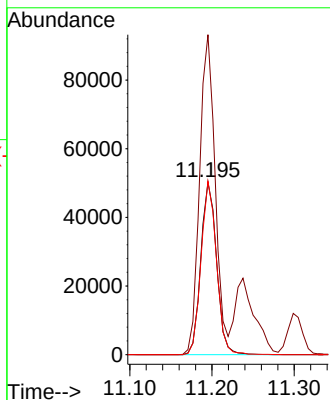
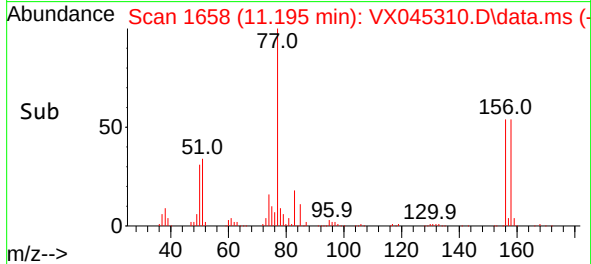
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



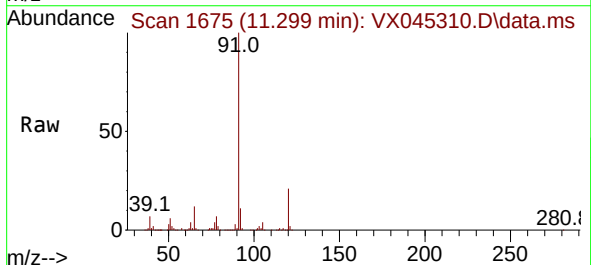
Tgt Ion:156 Resp: 6705
Ion Ratio Lower Upper
156 100
77 183.7 85.8 257.4
158 98.6 48.4 145.2

Manual Integrations
APPROVED

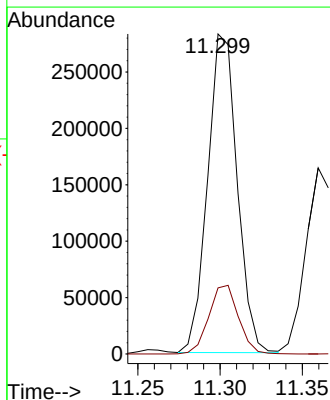
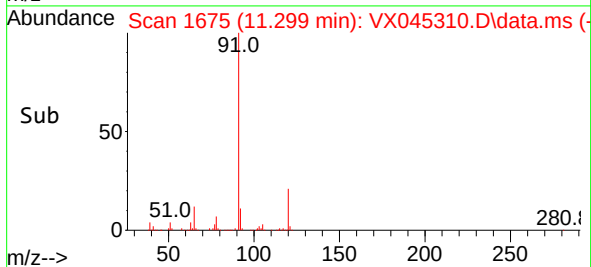
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

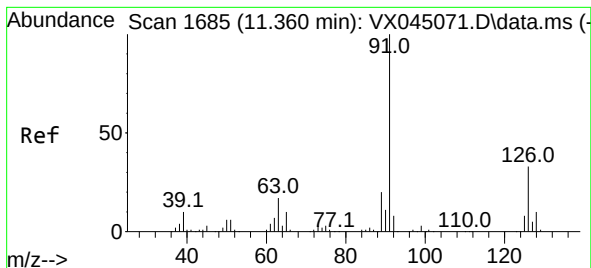


#78
n-propylbenzene
Concen: 53.766 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58



Tgt Ion: 91 Resp: 353421
Ion Ratio Lower Upper
91 100
120 21.6 11.2 33.6





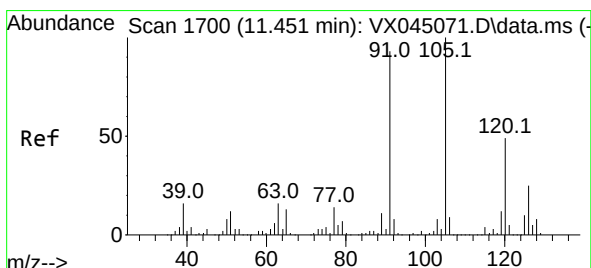
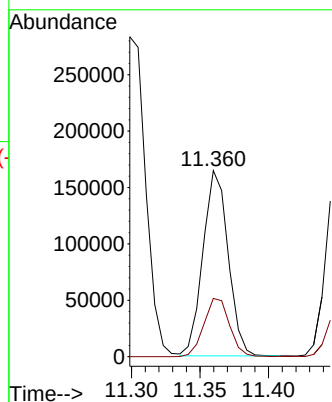
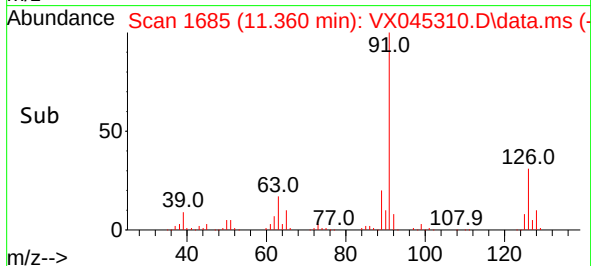
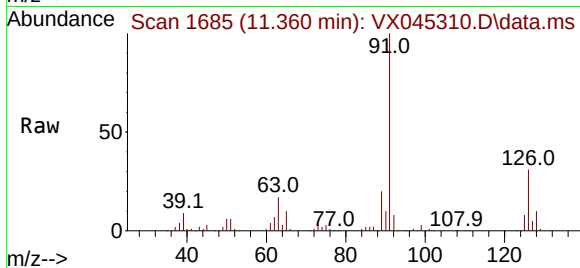
#79
2-Chlorotoluene
Concen: 50.312 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 210620
Ion Ratio Lower Upper
91 100
126 32.2 16.4 49.4

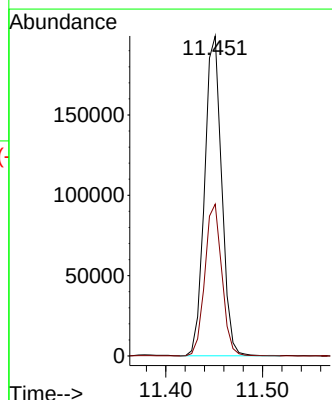
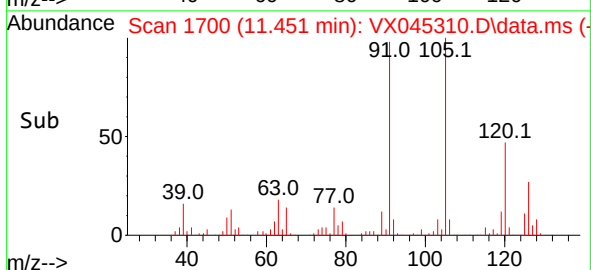
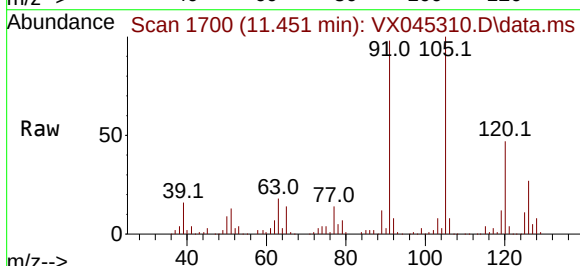
Manual Integrations
APPROVED

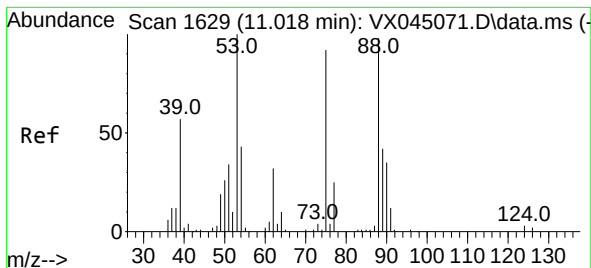
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#80
1,3,5-Trimethylbenzene
Concen: 52.002 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

Tgt Ion:105 Resp: 244676
Ion Ratio Lower Upper
105 100
120 47.5 24.1 72.2





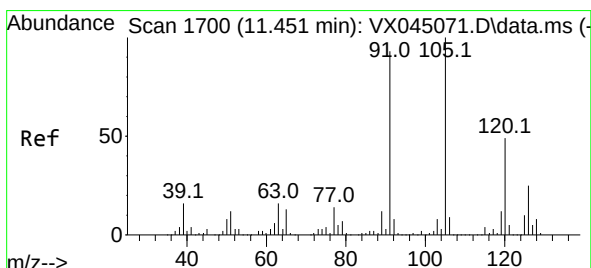
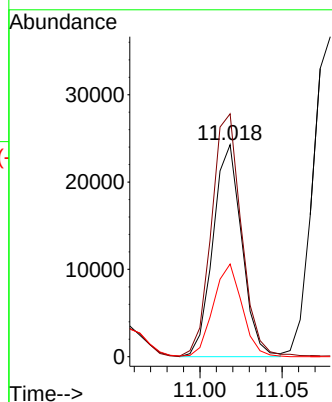
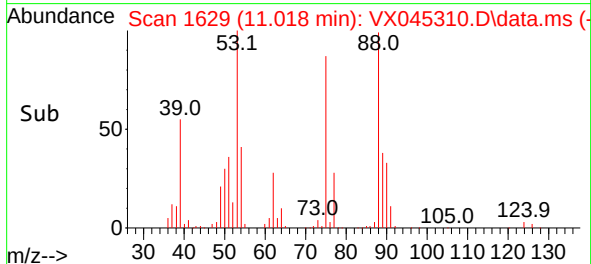
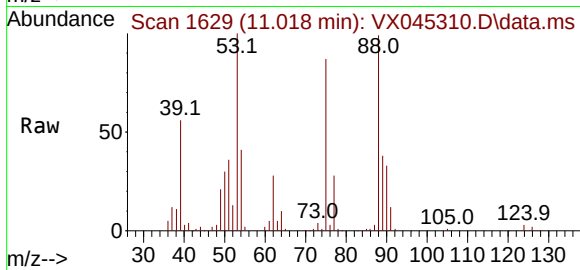
#81
trans-1,4-Dichloro-2-butene
Concen: 58.486 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 2965
Ion Ratio Lower Upper
75 100
53 118.2 88.5 132.7
89 43.5 36.2 54.4

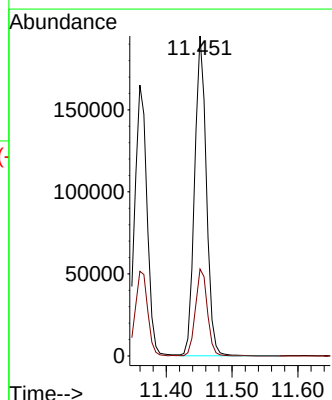
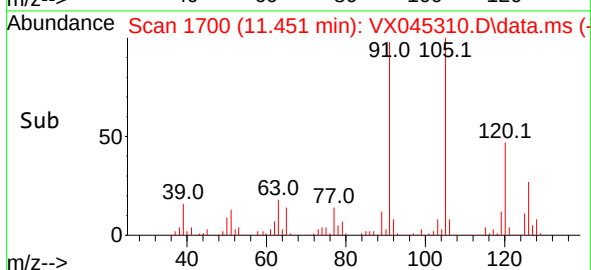
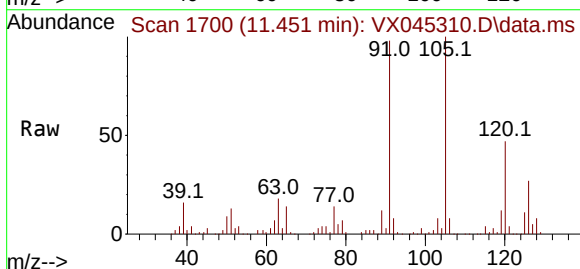
Manual Integrations
APPROVED

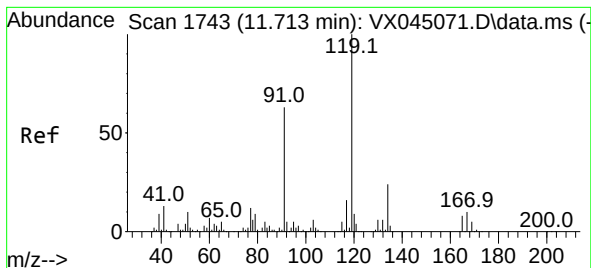
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#82
4-Chlorotoluene
Concen: 52.792 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

Tgt Ion: 91 Resp: 240863
Ion Ratio Lower Upper
91 100
126 27.5 14.1 42.4





#83

tert-Butylbenzene

Concen: 51.928 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX045310.D

Acq: 17 Mar 2025 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

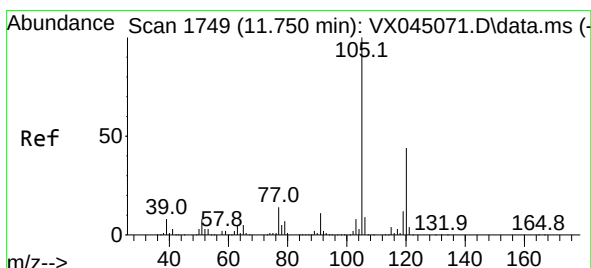
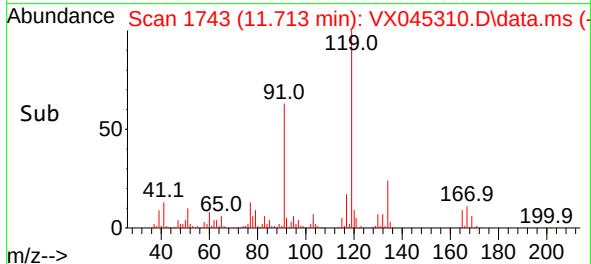
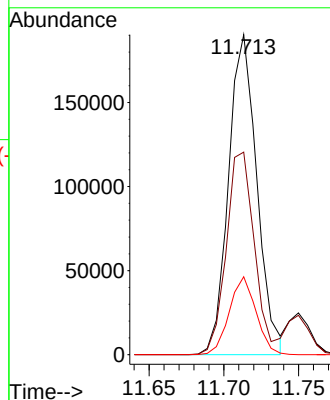
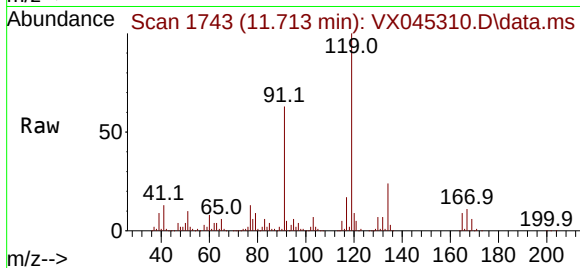
Tgt Ion:119 Resp: 25103
 Ion Ratio Lower Upper
 119 100
 91 62.0 30.7 92.1
 134 23.0 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#84

1,2,4-Trimethylbenzene

Concen: 52.173 ug/l

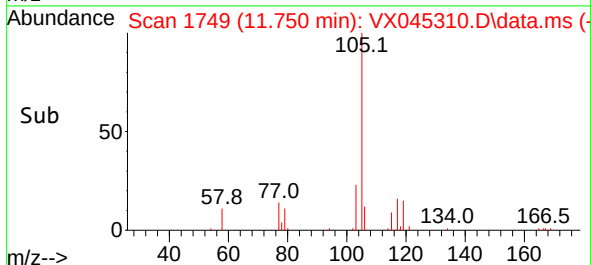
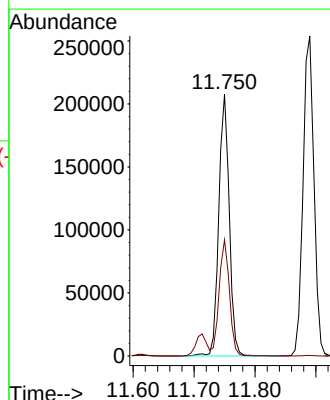
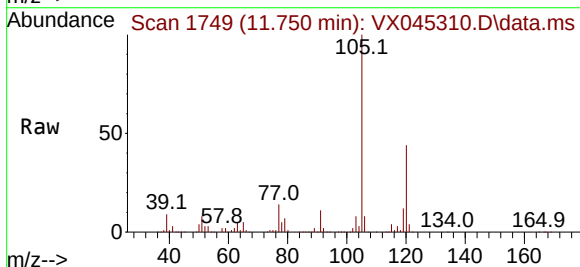
RT: 11.750 min Scan# 1749

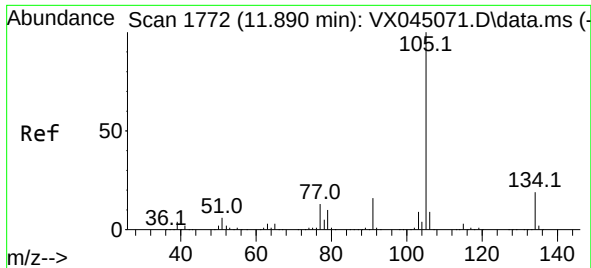
Delta R.T. -0.000 min

Lab File: VX045310.D

Acq: 17 Mar 2025 16:58

Tgt Ion:105 Resp: 246999
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.1 66.1





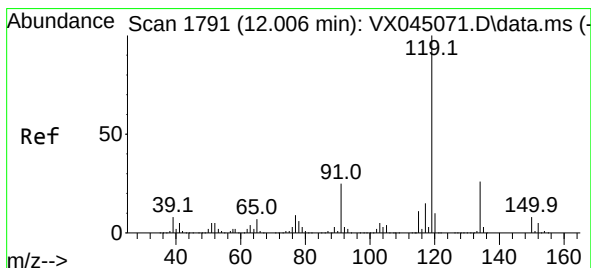
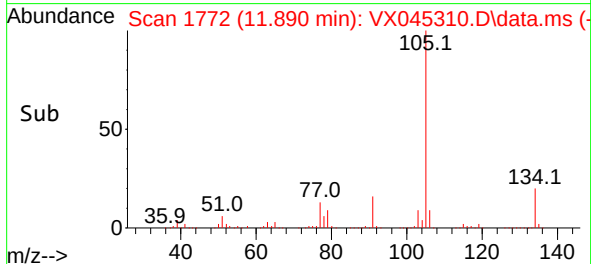
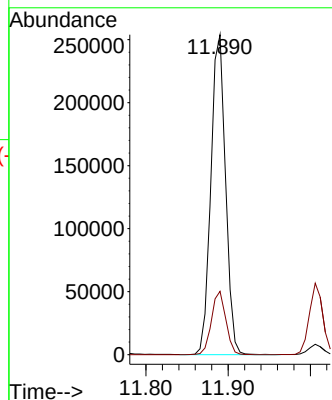
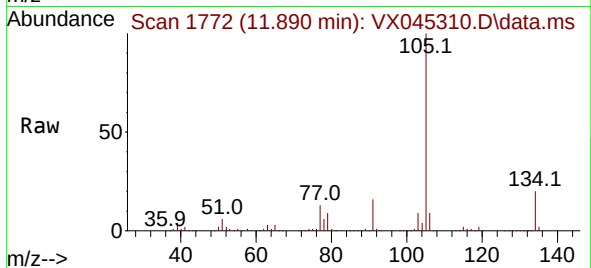
#85
 sec-Butylbenzene
 Concen: 54.327 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045310.D
 Acq: 17 Mar 2025 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 314602
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4

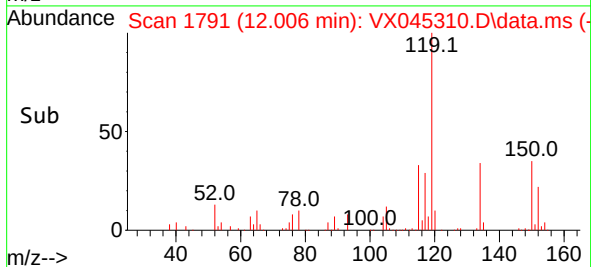
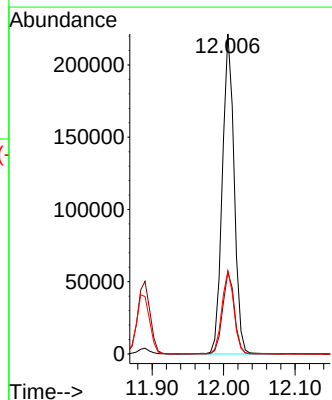
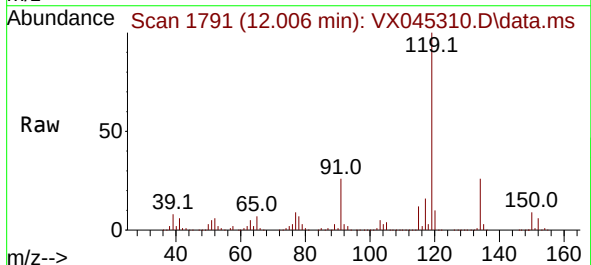
Manual Integrations
 APPROVED

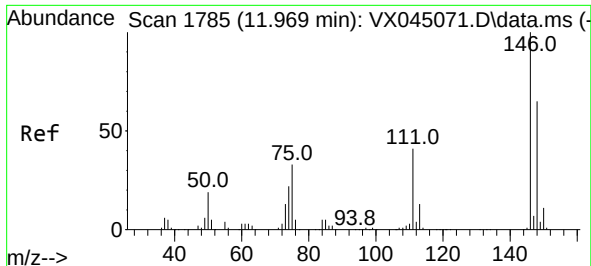
Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#86
 p-Isopropyltoluene
 Concen: 54.397 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045310.D
 Acq: 17 Mar 2025 16:58

Tgt Ion:119 Resp: 254574
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.6
 91 26.1 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 51.188 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX045310.D

Acq: 17 Mar 2025 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 125374

Ion Ratio Lower Upper

146 100

111 42.3 21.1 63.4

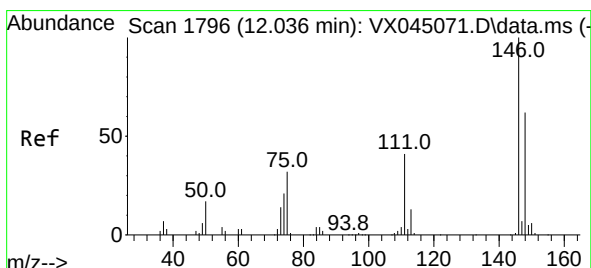
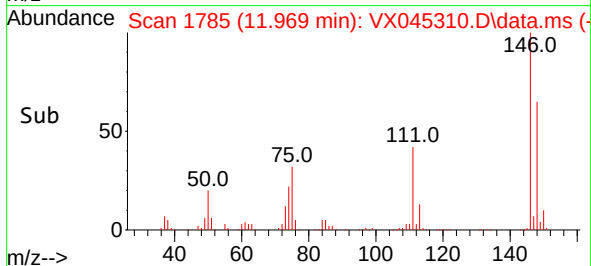
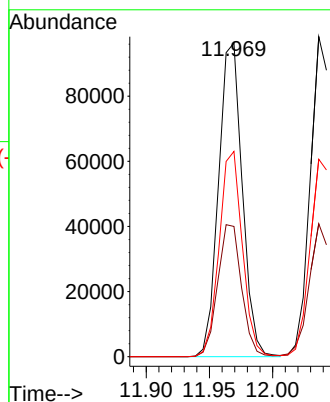
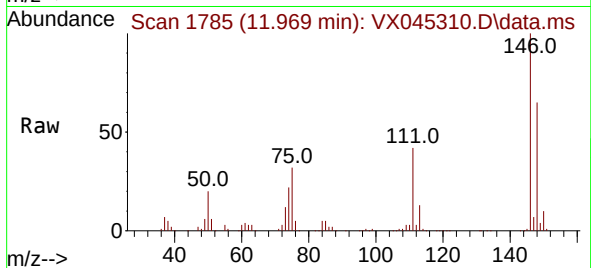
148 64.1 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#88

1,4-Dichlorobenzene

Concen: 49.411 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX045310.D

Acq: 17 Mar 2025 16:58

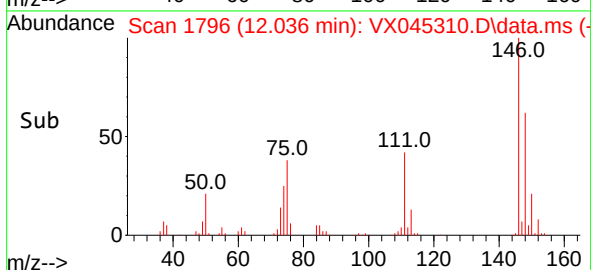
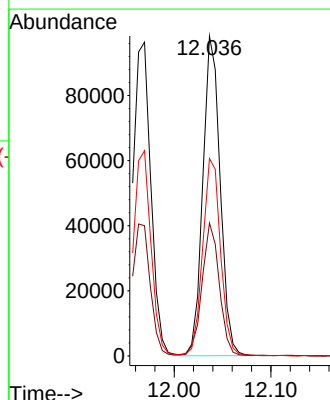
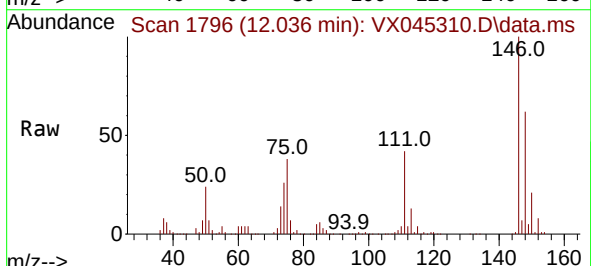
Tgt Ion:146 Resp: 122436

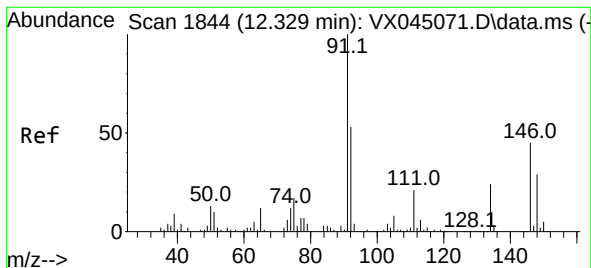
Ion Ratio Lower Upper

146 100

111 41.6 20.2 60.5

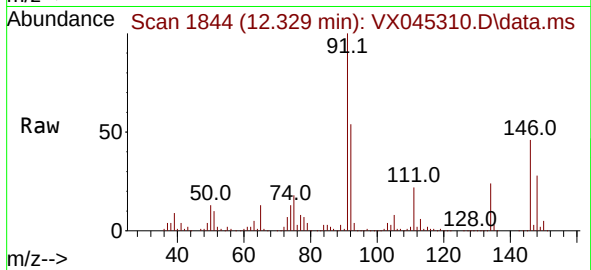
148 64.0 31.9 95.9





#89
n-Butylbenzene
Concen: 57.113 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

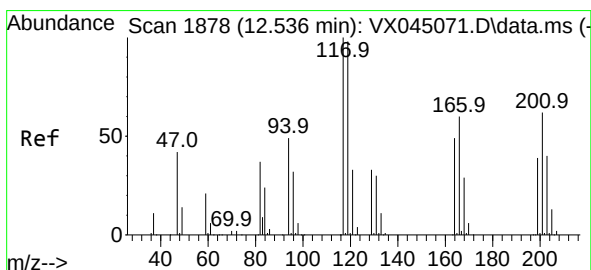
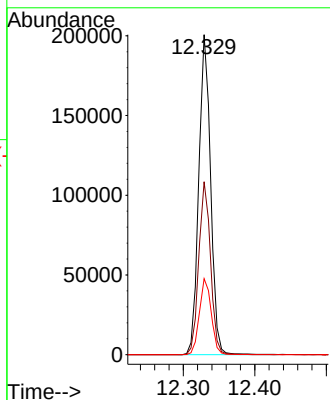
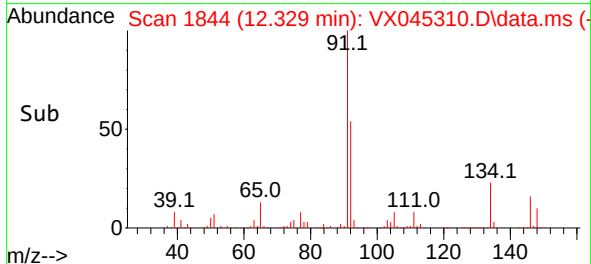
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 230200
Ion Ratio Lower Upper
91 100
92 53.9 26.7 80.0
134 23.9 12.2 36.6

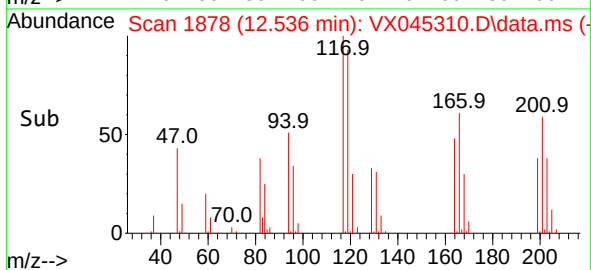
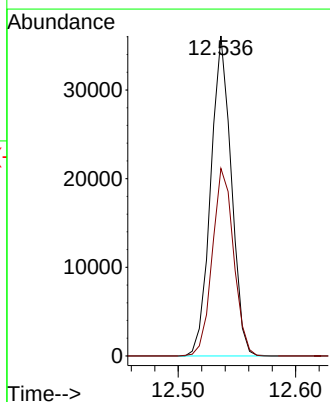
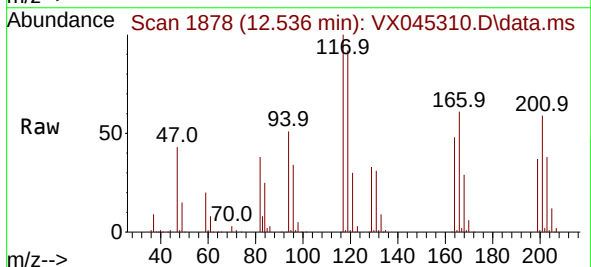
Manual Integrations
APPROVED

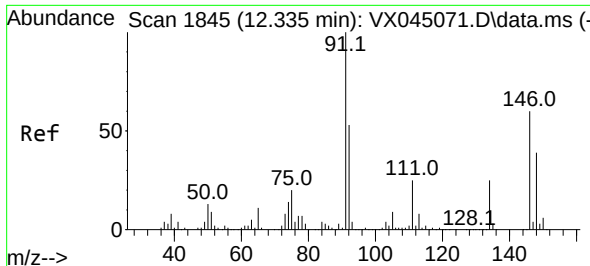
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#90
Hexachloroethane
Concen: 51.888 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

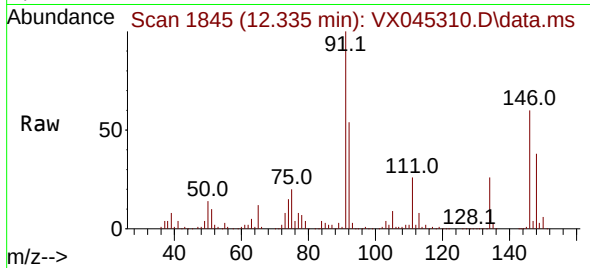
Tgt Ion:117 Resp: 43922
Ion Ratio Lower Upper
117 100
201 60.8 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 50.318 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

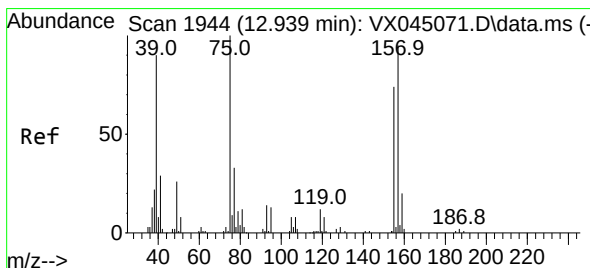
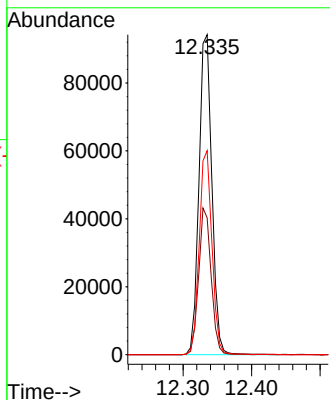
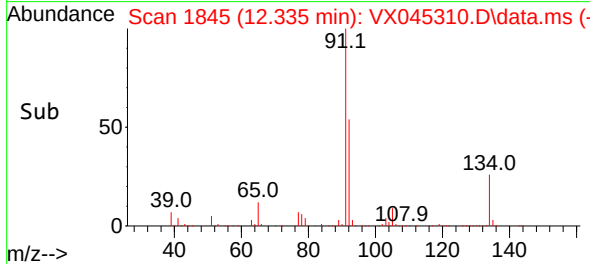
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



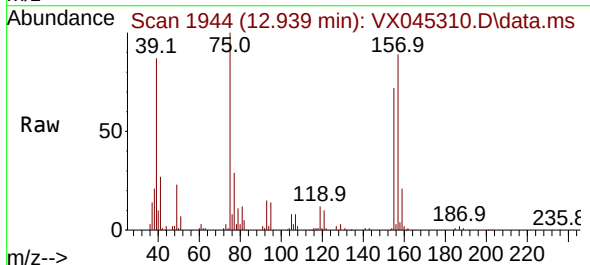
Tgt Ion:146 Resp: 123629
Ion Ratio Lower Upper
146 100
111 44.4 21.6 65.0
148 62.8 31.9 95.9

Manual Integrations
APPROVED

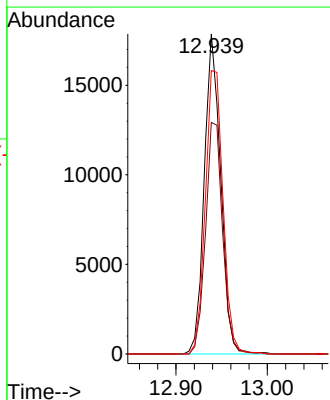
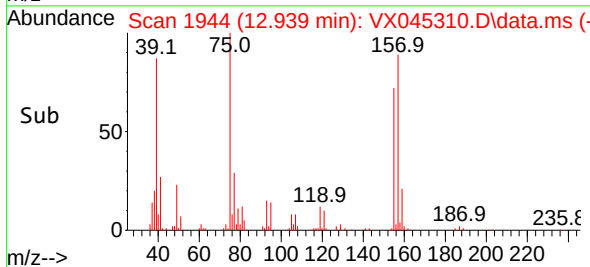
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

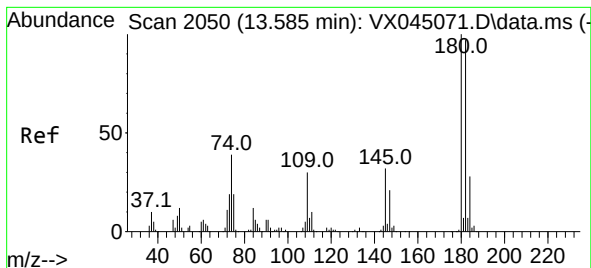


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.369 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58



Tgt Ion: 75 Resp: 22202
Ion Ratio Lower Upper
75 100
155 75.5 39.6 118.7
157 95.3 51.1 153.4





#93

1,2,4-Trichlorobenzene

Concen: 51.143 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX045310.D

Acq: 17 Mar 2025 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

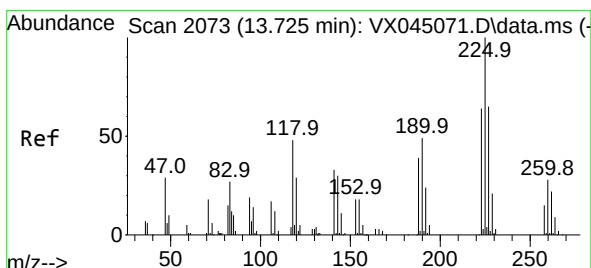
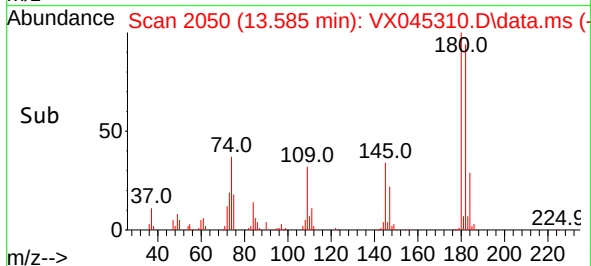
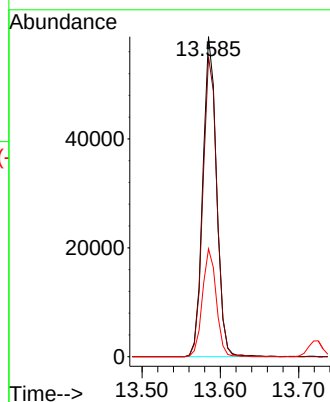
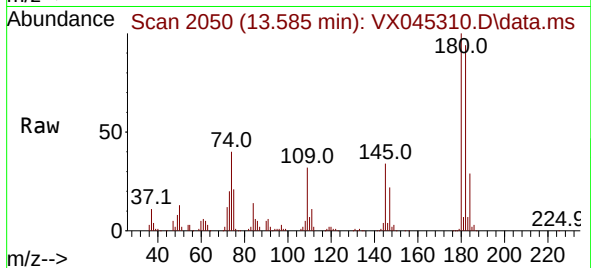
Tgt Ion:180	Resp:	71549
Ion Ratio	Lower	Upper
180	100	
182	95.7	47.3 141.9
145	33.8	16.3 48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#94

Hexachlorobutadiene

Concen: 52.008 ug/l

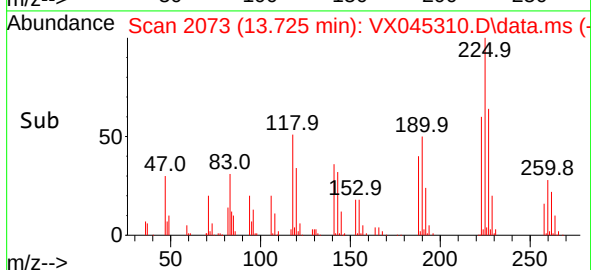
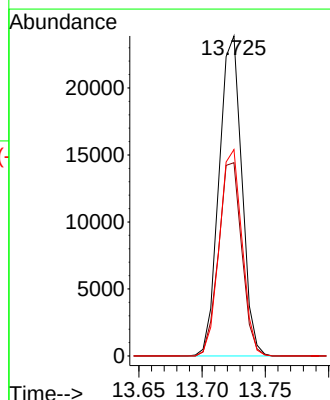
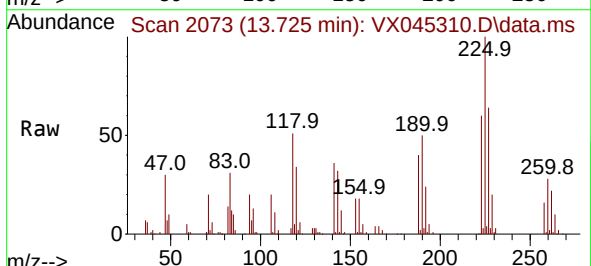
RT: 13.725 min Scan# 2073

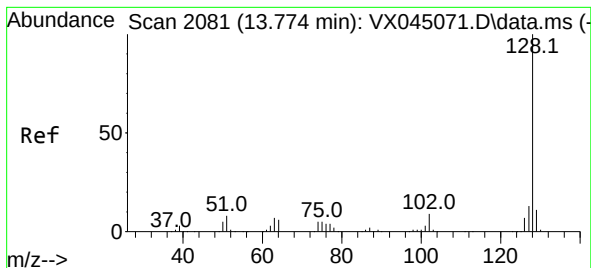
Delta R.T. -0.000 min

Lab File: VX045310.D

Acq: 17 Mar 2025 16:58

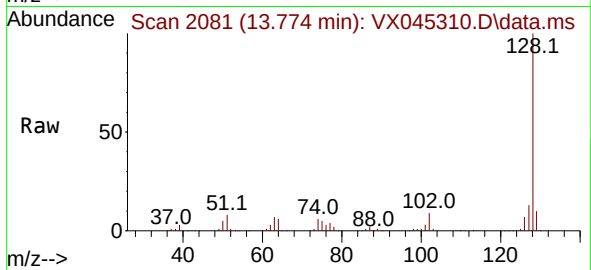
Tgt Ion:225	Resp:	29830
Ion Ratio	Lower	Upper
225	100	
223	61.7	31.9 95.7
227	64.1	31.4 94.0





#95
Naphthalene
Concen: 52.240 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

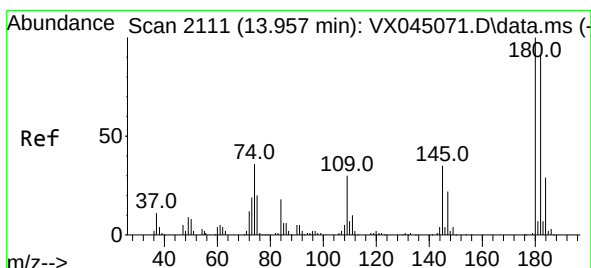
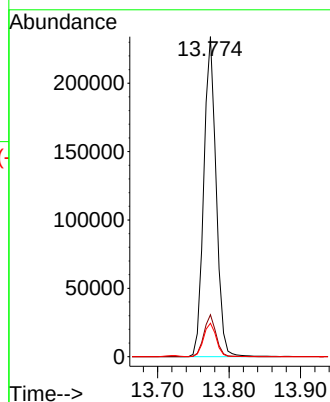
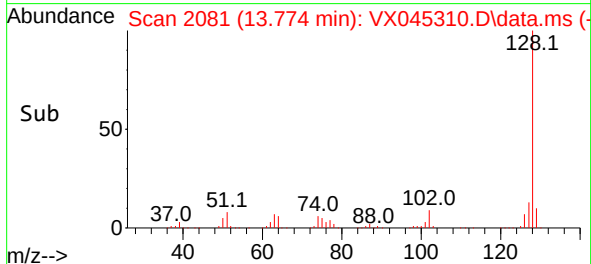
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 280794
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.727 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045310.D
Acq: 17 Mar 2025 16:58

Tgt Ion:180 Resp: 74867
Ion Ratio Lower Upper
180 100
182 93.0 47.5 142.6
145 35.1 17.0 50.9

