

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041125\
 Data File : VX045730.D
 Acq On : 11 Apr 2025 10:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 11 23:03:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/14/2025
 Supervised By : Mahesh Dadoda 04/14/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	97283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	164714	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	147741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	85573	48.100	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.200%		
35) Dibromofluoromethane	5.379	113	58254	49.847	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.700%		
50) Toluene-d8	8.647	98	202013	49.525	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.040%		
62) 4-Bromofluorobenzene	11.079	95	80858	54.421	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	108.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	72437	49.789	ug/l	99
3) Chloromethane	1.307	50	67667	45.273	ug/l	100
4) Vinyl Chloride	1.374	62	61876	45.237	ug/l	99
5) Bromomethane	1.593	94	27260	42.032	ug/l	99
6) Chloroethane	1.666	64	34556	47.617	ug/l	100
7) Trichlorofluoromethane	1.873	101	97632	47.866	ug/l	99
8) Diethyl Ether	2.130	74	31690	46.277	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	58859	49.246	ug/l	98
10) Methyl Iodide	2.440	142	67086	45.000	ug/l	97
11) Tert butyl alcohol	2.977	59	60339	252.369	ug/l	99
12) 1,1-Dichloroethene	2.306	96	53422	45.743	ug/l	97
13) Acrolein	2.233	56	61319	186.241	ug/l	99
14) Allyl chloride	2.654	41	106077	47.870	ug/l	100
15) Acrylonitrile	3.062	53	178975	237.140	ug/l	98
16) Acetone	2.386	43	168655	230.867	ug/l	97
17) Carbon Disulfide	2.501	76	115535	40.054	ug/l	98
18) Methyl Acetate	2.703	43	89137	52.996	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	201092	49.222	ug/l	98
20) Methylene Chloride	2.782	84	63104	46.141	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	53927	45.197	ug/l	95
22) Diisopropyl ether	3.757	45	208728	47.818	ug/l	93
23) Vinyl Acetate	3.715	43	927978	246.059	ug/l	100
24) 1,1-Dichloroethane	3.599	63	114911	46.549	ug/l	99
25) 2-Butanone	4.556	43	260543	243.647	ug/l	99
26) 2,2-Dichloropropane	4.465	77	88385	55.416	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	66350	45.644	ug/l	96
28) Bromochloromethane	4.891	49	56463	47.331	ug/l	98
29) Tetrahydrofuran	5.001	42	163985	236.531	ug/l	99
30) Chloroform	5.086	83	120655	47.500	ug/l	99
31) Cyclohexane	5.464	56	100209	45.918	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	103773	48.281	ug/l	99
36) 1,1-Dichloropropene	5.684	75	76541	48.508	ug/l	99
37) Ethyl Acetate	4.708	43	95833	48.194	ug/l	99
38) Carbon Tetrachloride	5.665	117	87144	51.101	ug/l	98
39) Methylcyclohexane	7.373	83	98187	50.764	ug/l	96
40) Benzene	6.031	78	231234	47.983	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	56924	54.255	ug/l	98
42) 1,2-Dichloroethane	6.080	62	100704	50.595	ug/l	100
43) Isopropyl Acetate	6.336	43	158328	52.534	ug/l	100
44) Trichloroethene	7.123	130	55126	48.127	ug/l	97
45) 1,2-Dichloropropane	7.421	63	59390	49.393	ug/l	97
46) Dibromomethane	7.574	93	45368	49.152	ug/l	98
47) Bromodichloromethane	7.818	83	92524	50.194	ug/l	96
48) Methyl methacrylate	7.690	41	82873	53.257	ug/l	98
49) 1,4-Dioxane	7.659	88	30420	1080.494	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	526773	263.661	ug/l	99
52) Toluene	8.714	92	141355	48.475	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	84143	47.584	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	93096	53.744	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	58189	50.076	ug/l	97
56) Ethyl methacrylate	9.116	69	98718	54.894	ug/l	99
57) 1,3-Dichloropropane	9.305	76	101969	50.393	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	245823	270.217	ug/l	99
59) 2-Hexanone	9.427	43	391086	264.335	ug/l	100
60) Dibromochloromethane	9.518	129	65483	51.692	ug/l	99
61) 1,2-Dibromoethane	9.604	107	60328	51.286	ug/l	100
64) Tetrachloroethene	9.269	164	47682	45.712	ug/l	98
65) Chlorobenzene	10.073	112	154107	48.815	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	54432	49.662	ug/l	99
67) Ethyl Benzene	10.189	91	283288	50.102	ug/l	100
68) m/p-Xylenes	10.299	106	209512	101.879	ug/l	99
69) o-Xylene	10.640	106	103263	50.973	ug/l	100
70) Styrene	10.652	104	175059	52.356	ug/l	99
71) Bromoform	10.799	173	42549	51.992	ug/l #	99
73) Isopropylbenzene	10.957	105	279055	48.759	ug/l	99
74) N-amyl acetate	10.841	43	140866	51.455	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	92218	45.869	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	80723m	46.318	ug/l	
77) Bromobenzene	11.195	156	62929	47.589	ug/l	99
78) n-propylbenzene	11.299	91	329781	50.027	ug/l	100
79) 2-Chlorotoluene	11.360	91	204153	48.443	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	237040	50.087	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	25061	48.803	ug/l	97
82) 4-Chlorotoluene	11.451	91	233003	49.589	ug/l	100
83) tert-Butylbenzene	11.713	119	234833	50.120	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	239508	50.423	ug/l	100
85) sec-Butylbenzene	11.890	105	294171	51.118	ug/l	100
86) p-Isopropyltoluene	12.006	119	243819	51.391	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	116417	48.364	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	116806	47.866	ug/l	99
89) n-Butylbenzene	12.329	91	221431	53.822	ug/l	100
90) Hexachloroethane	12.536	117	41335	50.695	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	115059	48.079	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21534	51.215	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	68376	51.329	ug/l	98
94) Hexachlorobutadiene	13.719	225	29358	51.144	ug/l	99
95) Naphthalene	13.774	128	251217	50.677	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	70089	50.247	ug/l	100

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MSVOA_X
ClientSampleId :
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QLast Update : Wed Apr 02 03:11:43 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

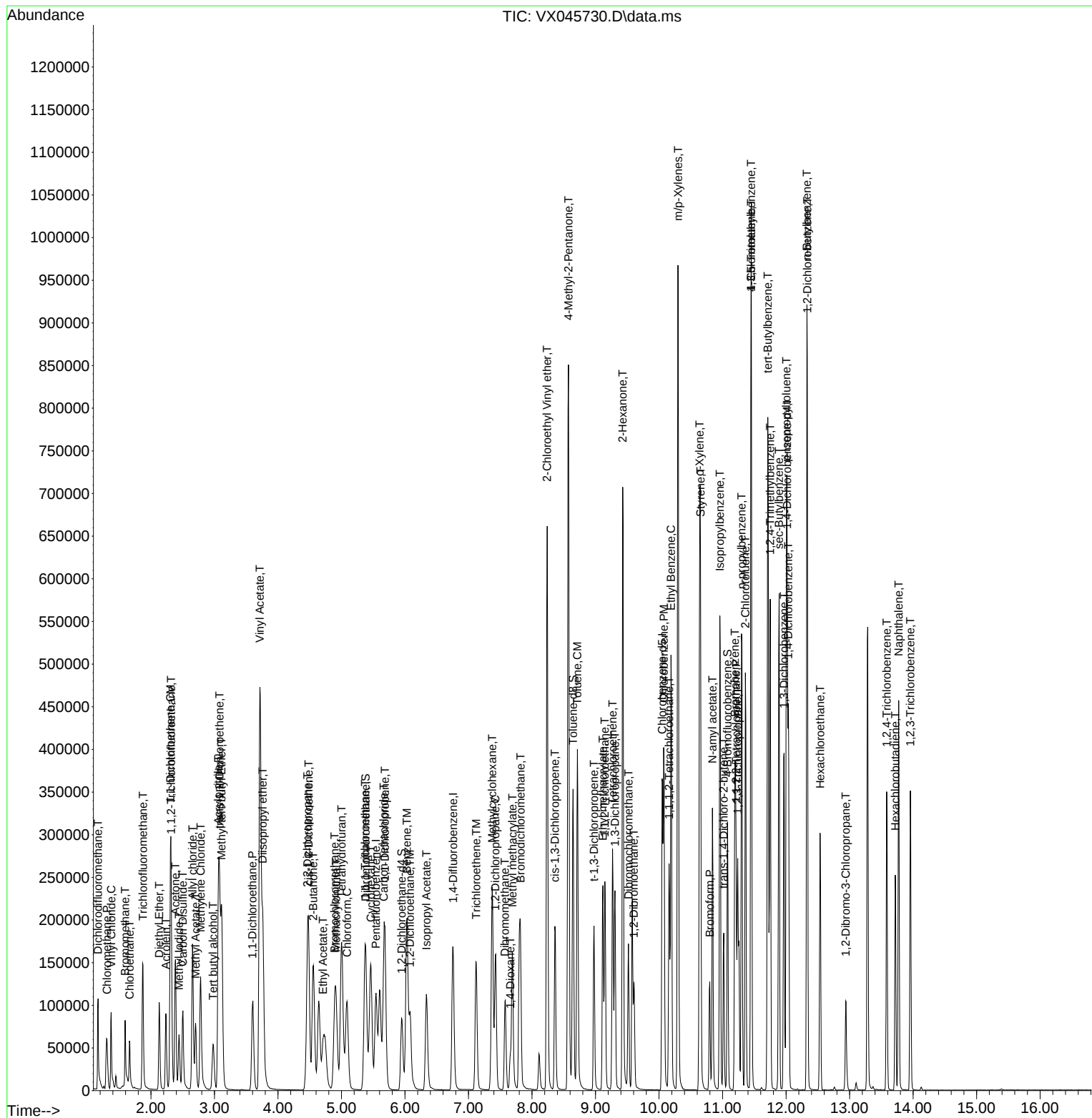
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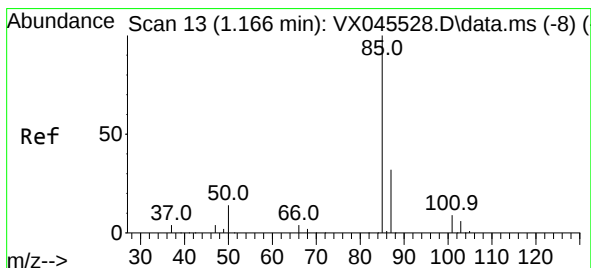
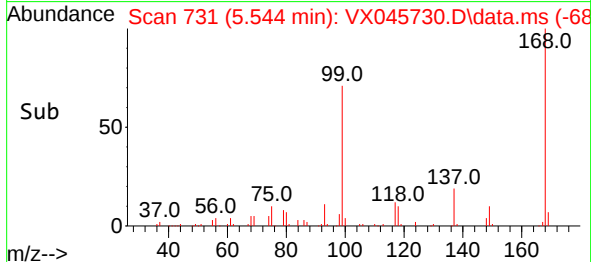
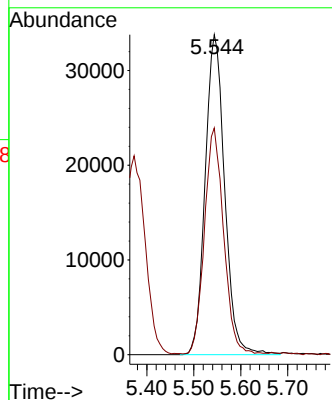
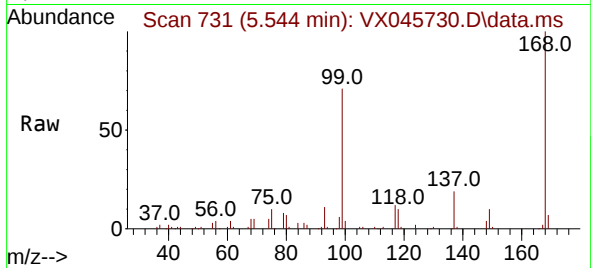
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045730.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 9728
Ion Ratio Lower Upper
168 100
99 70.5 52.3 78.5

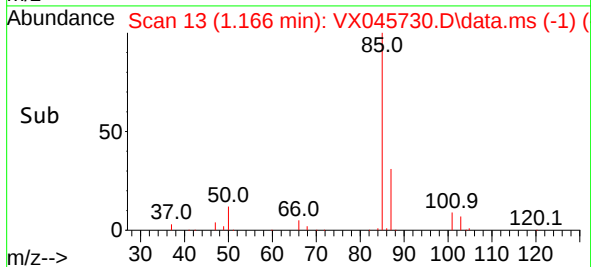
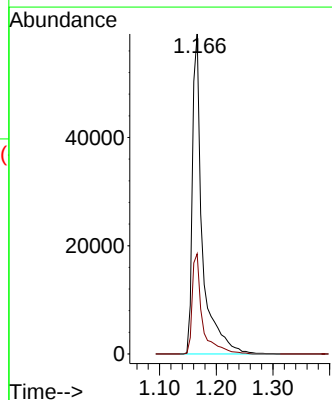
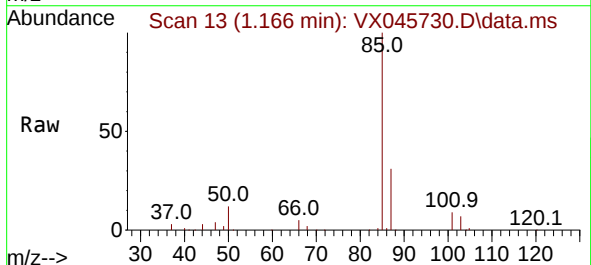
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#2
Dichlorodifluoromethane
Concen: 49.789 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

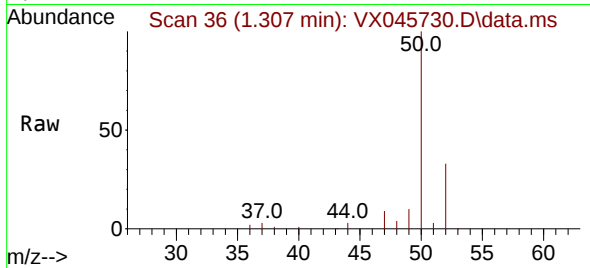
Tgt Ion: 85 Resp: 72437
Ion Ratio Lower Upper
85 100
87 31.3 16.1 48.2





#3
Chloromethane
Concen: 45.273 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

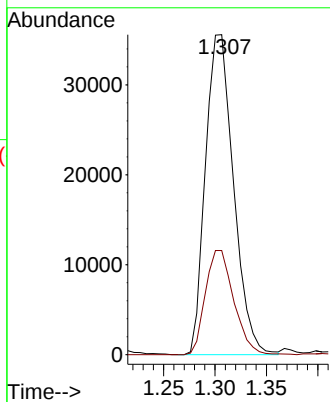
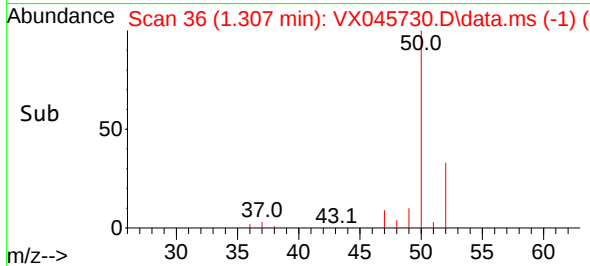
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



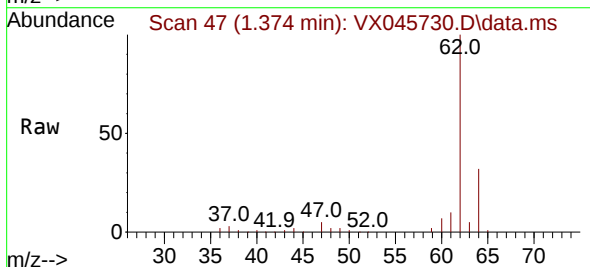
Tgt Ion: 50 Resp: 6766
Ion Ratio Lower Upper
50 100
52 32.5 25.9 38.9

Manual Integrations
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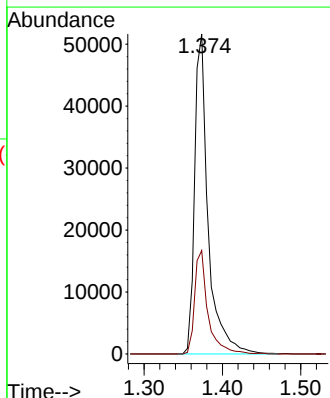
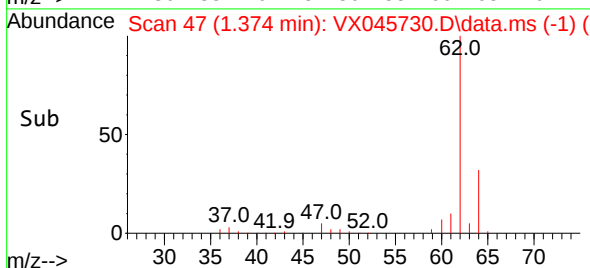
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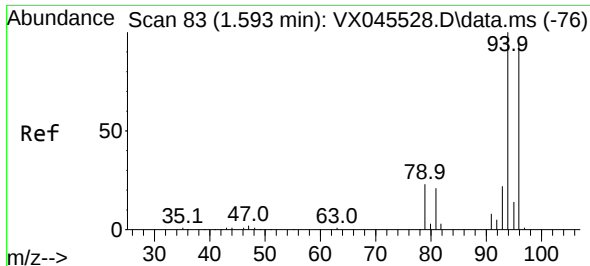


#4
Vinyl Chloride
Concen: 45.237 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41



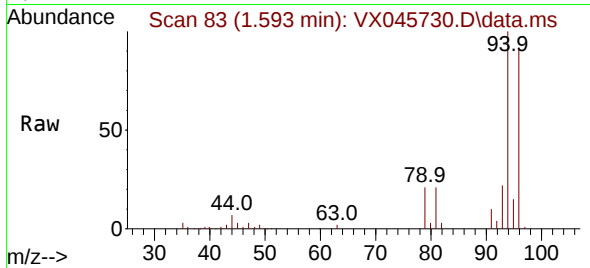
Tgt Ion: 62 Resp: 61876
Ion Ratio Lower Upper
62 100
64 32.3 25.5 38.3





#5
Bromomethane
Concen: 42.032 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

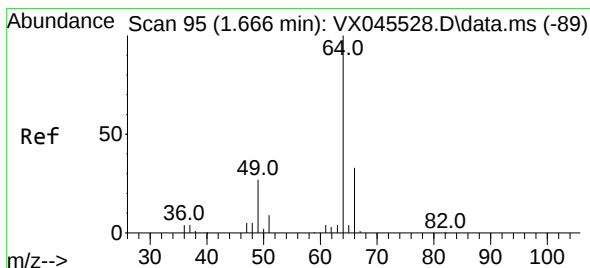
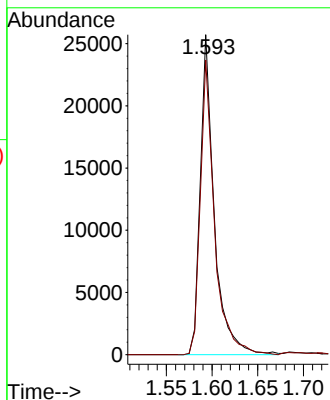
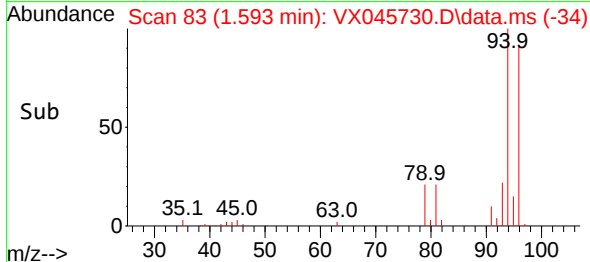
Instrument :
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Tgt Ion: 94 Resp: 27260
Ion Ratio Lower Upper
94 100
96 92.1 74.8 112.2

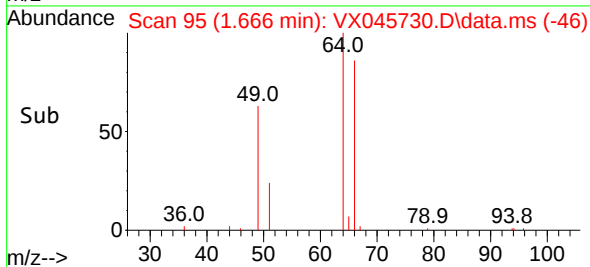
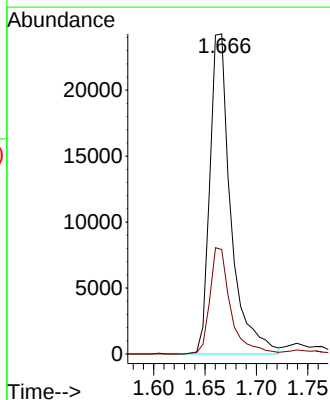
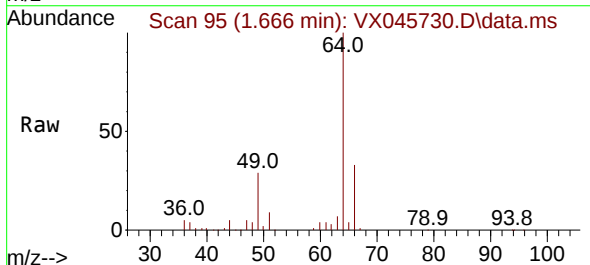
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#6
Chloroethane
Concen: 47.617 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

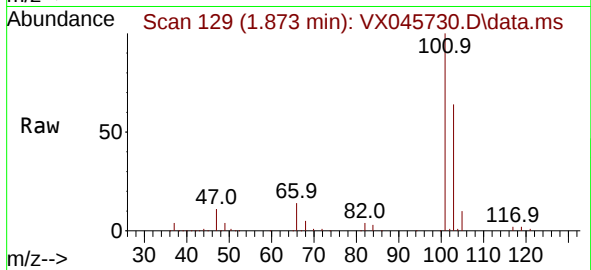
Tgt Ion: 64 Resp: 34556
Ion Ratio Lower Upper
64 100
66 32.6 26.3 39.5





#7
Trichlorofluoromethane
Concen: 47.866 ug/l
RT: 1.873 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

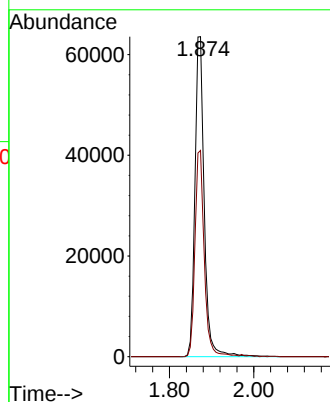
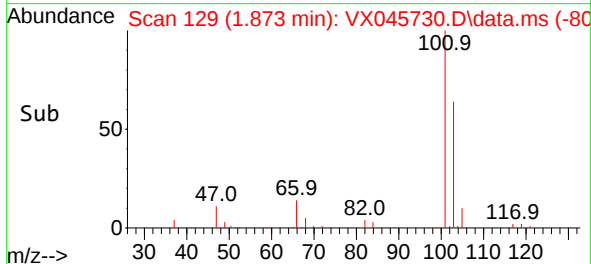
Instrument :
MSVOA_X
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VSTDCCC050



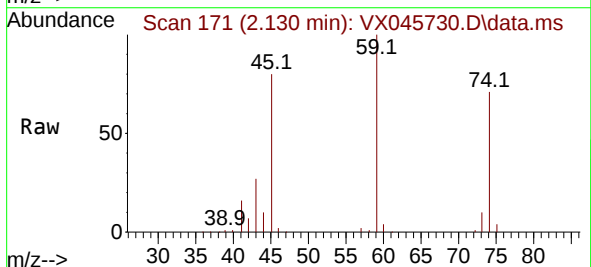
Tgt Ion:101 Resp: 9763
Ion Ratio Lower Upper
101 100
103 64.5 51.1 76.7

Manual Integrations
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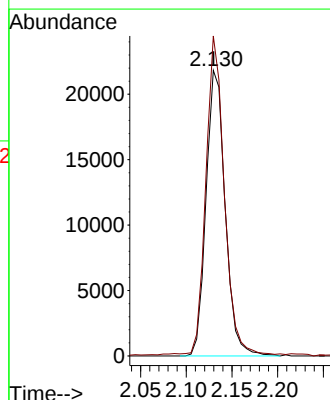
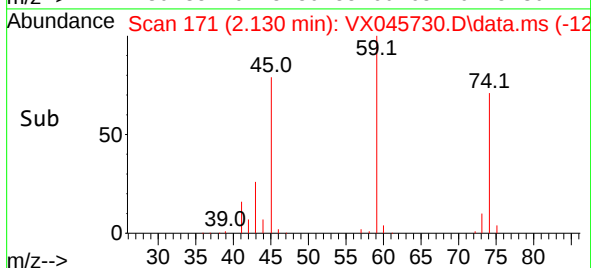
Reviewed By :John Carlone 04/14/2025
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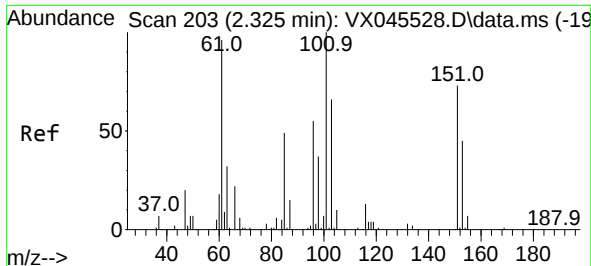


#8
Diethyl Ether
Concen: 46.277 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41



Tgt Ion: 74 Resp: 31690
Ion Ratio Lower Upper
74 100
45 107.5 53.0 159.1





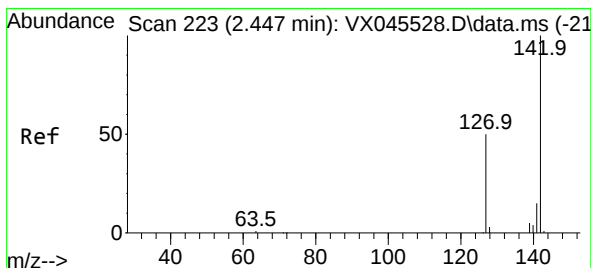
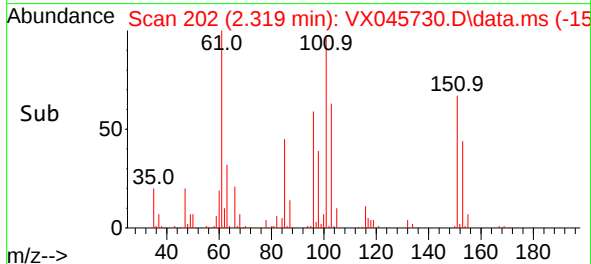
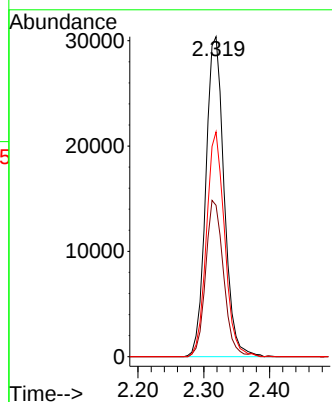
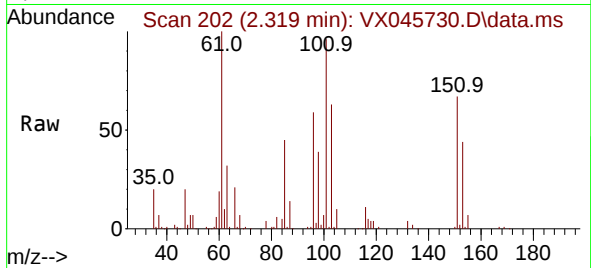
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.246 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 5885
Ion Ratio Lower Upper
101 100
85 47.8 38.9 58.3
151 69.5 57.5 86.3

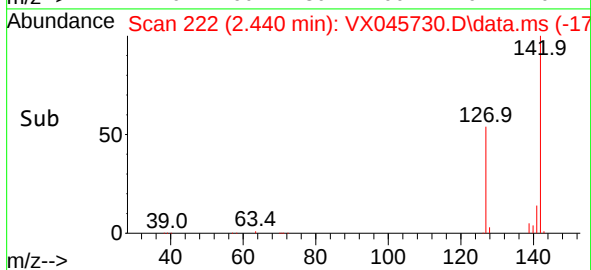
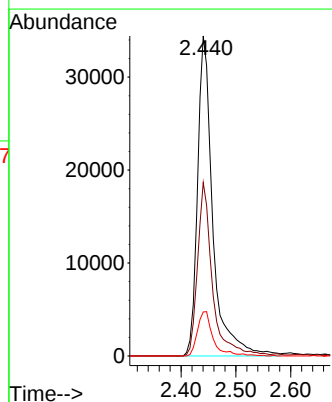
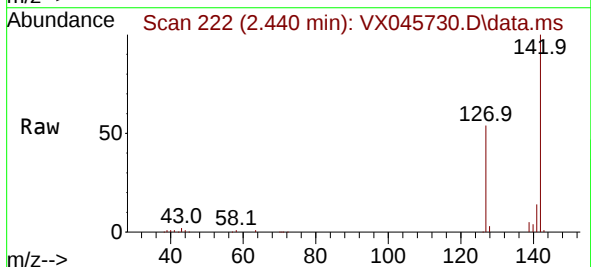
Manual Integrations
APPROVED

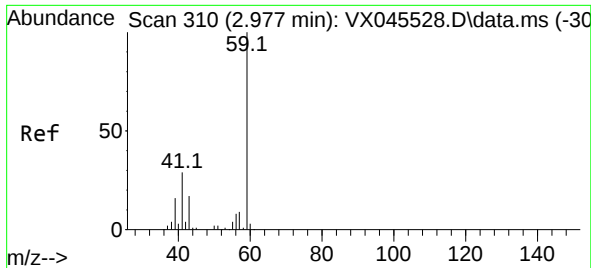
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#10
Methyl Iodide
Concen: 45.000 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

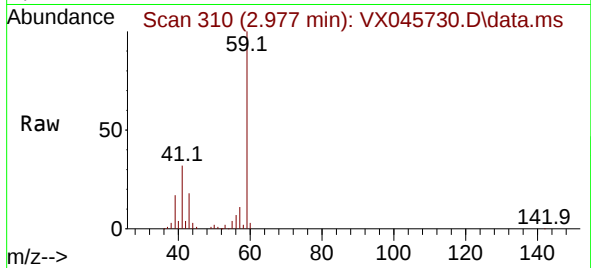
Tgt Ion:142 Resp: 67086
Ion Ratio Lower Upper
142 100
127 52.4 40.2 60.4
141 14.2 11.7 17.5





#11
Tert butyl alcohol
Concen: 252.369 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

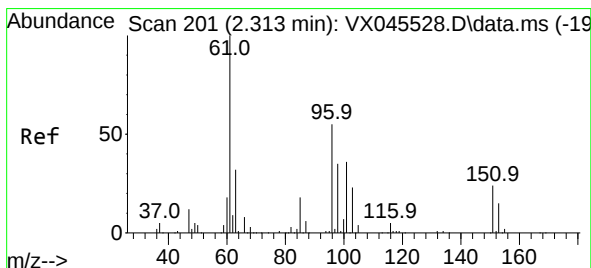
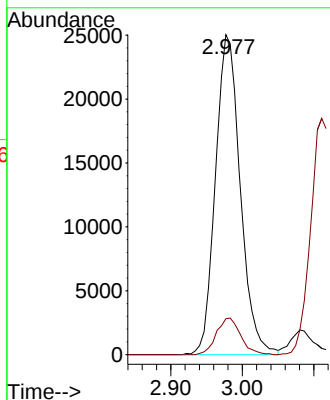
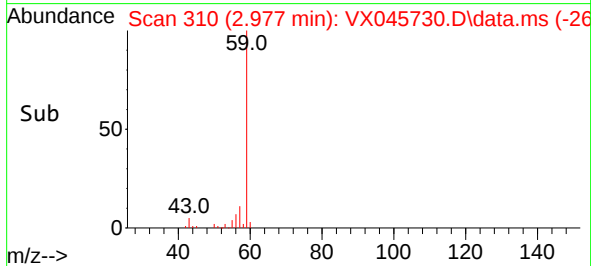
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 60339
Ion Ratio Lower Upper
59 100
57 11.2 8.6 12.8

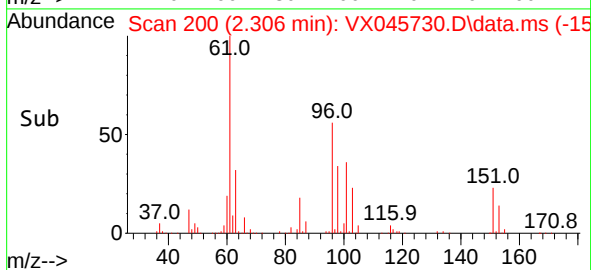
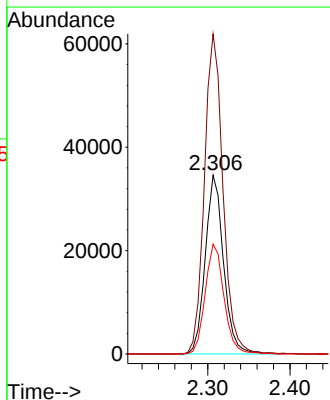
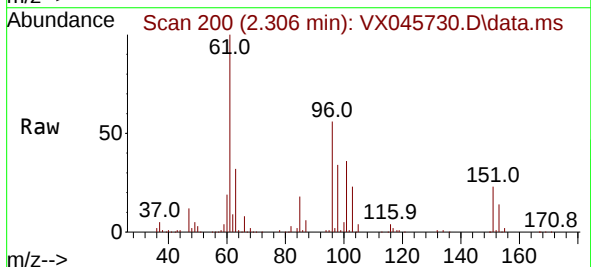
Manual Integrations
APPROVED

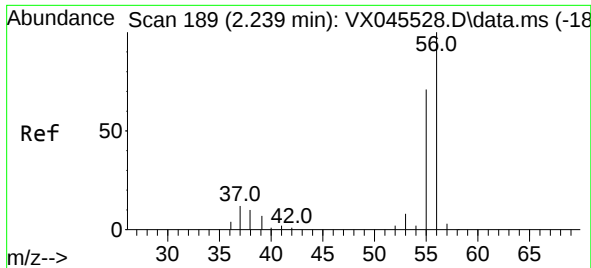
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#12
1,1-Dichloroethene
Concen: 45.743 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

Tgt Ion: 96 Resp: 53422
Ion Ratio Lower Upper
96 100
61 179.0 145.7 218.5
98 61.4 51.6 77.4





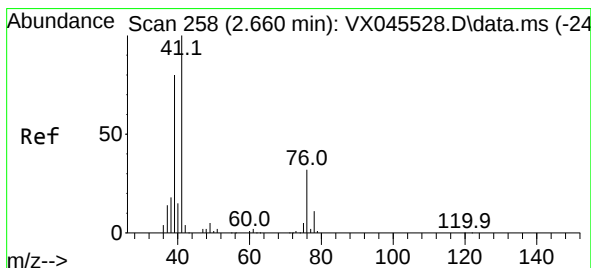
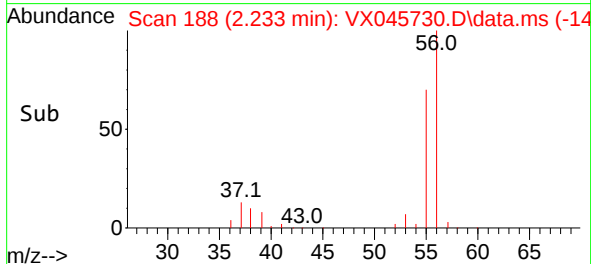
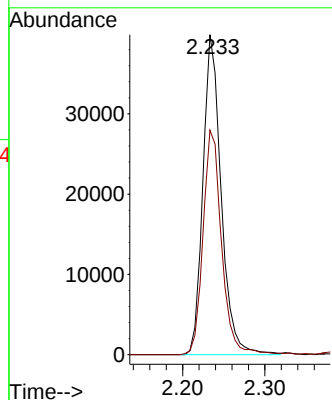
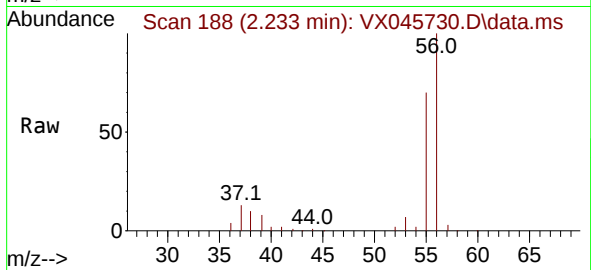
#13
Acrolein
Concen: 186.241 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 61319
Ion Ratio Lower Upper
56 100
55 71.3 56.2 84.2

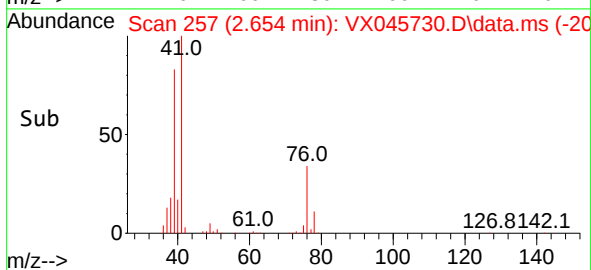
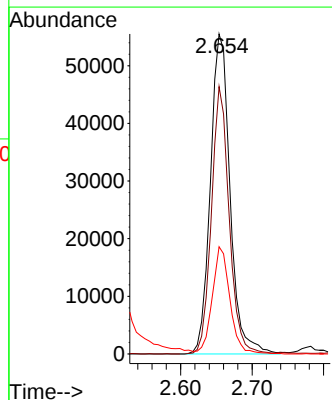
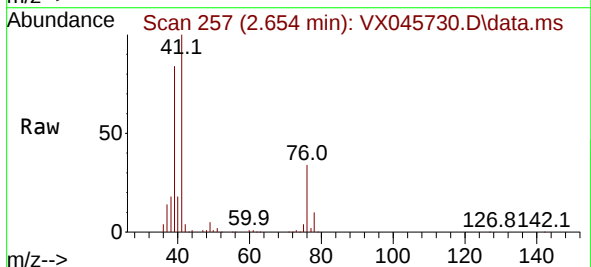
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#14
Allyl chloride
Concen: 47.870 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

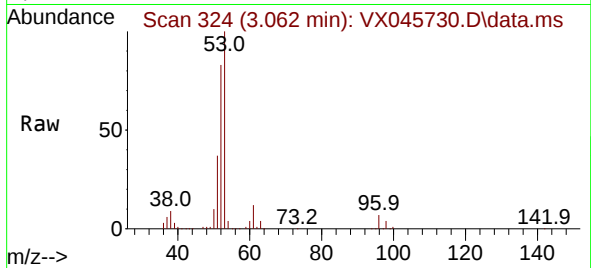
Tgt Ion: 41 Resp: 106077
Ion Ratio Lower Upper
41 100
39 75.3 60.2 90.2
76 30.2 24.6 36.8





#15
Acrylonitrile
Concen: 237.140 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

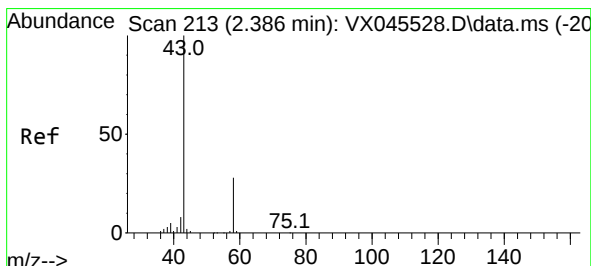
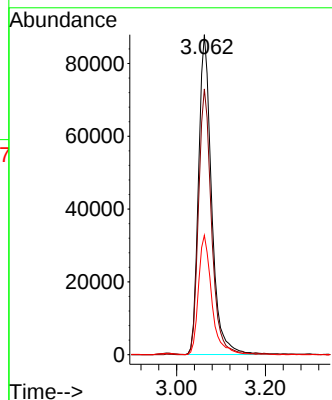
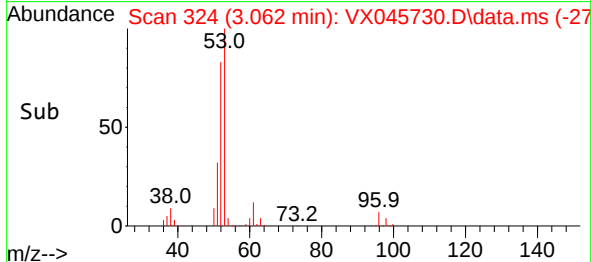
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 178975
Ion Ratio Lower Upper
53 100
52 82.7 67.4 101.2
51 38.2 29.9 44.9

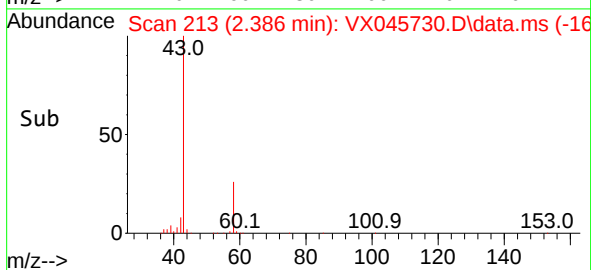
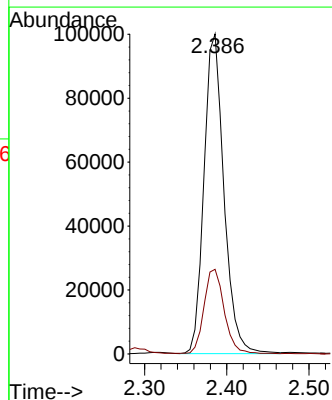
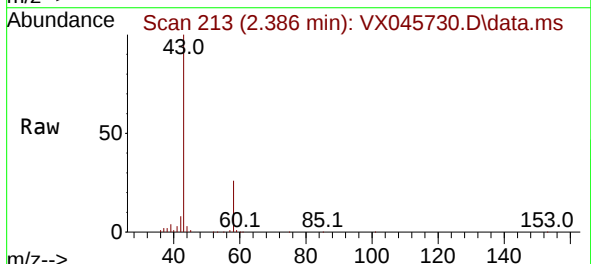
Manual Integrations
APPROVED

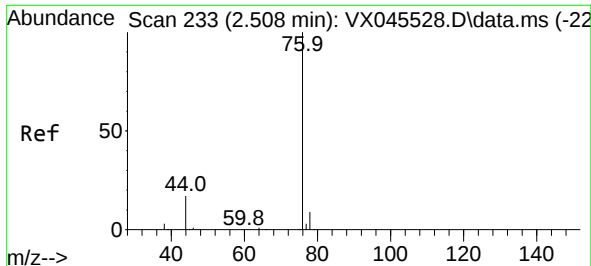
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#16
Acetone
Concen: 230.867 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

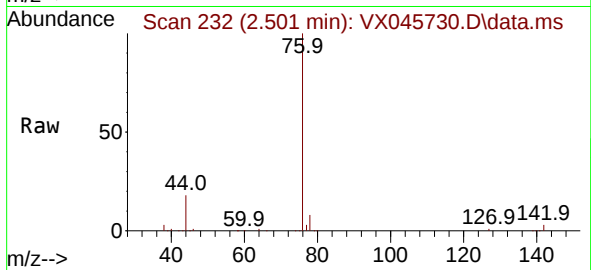
Tgt Ion: 43 Resp: 168655
Ion Ratio Lower Upper
43 100
58 26.4 22.3 33.5





#17
Carbon Disulfide
Concen: 40.054 ug/l
RT: 2.501 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

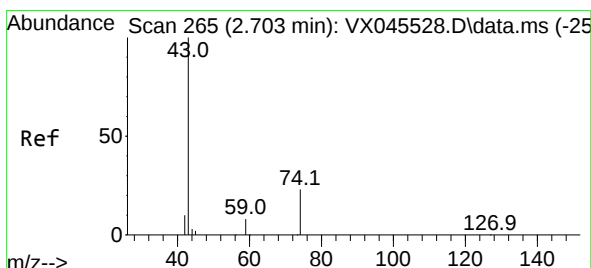
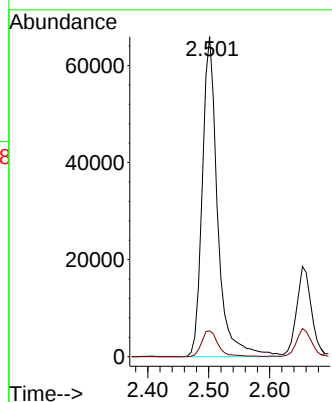
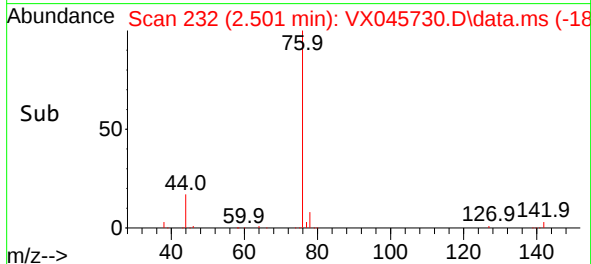
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 11553
Ion Ratio Lower Upper
76 100
78 8.1 7.0 10.6

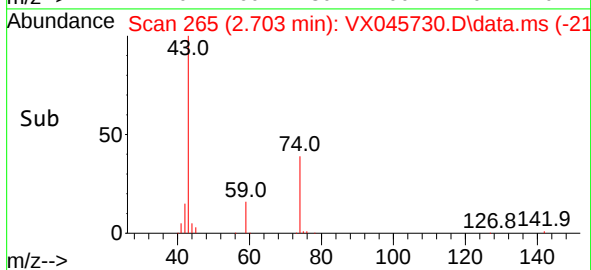
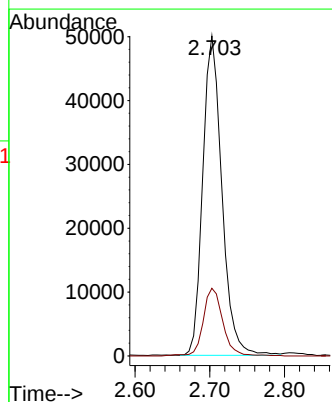
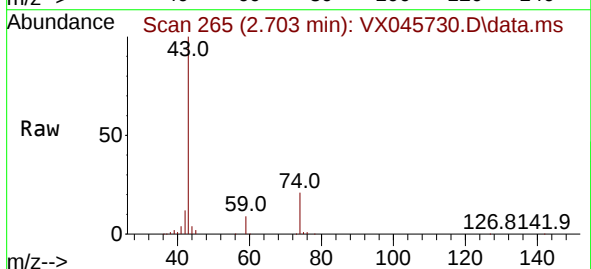
Manual Integrations
APPROVED

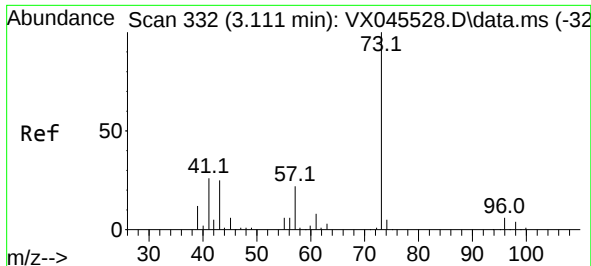
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#18
Methyl Acetate
Concen: 52.996 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

Tgt Ion: 43 Resp: 89137
Ion Ratio Lower Upper
43 100
74 21.8 17.5 26.3





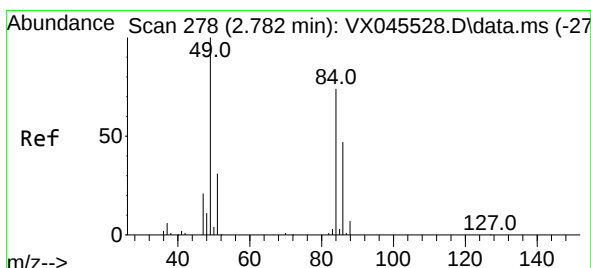
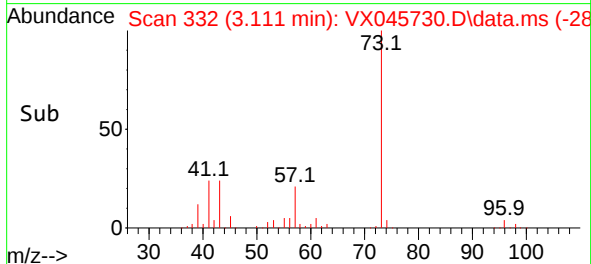
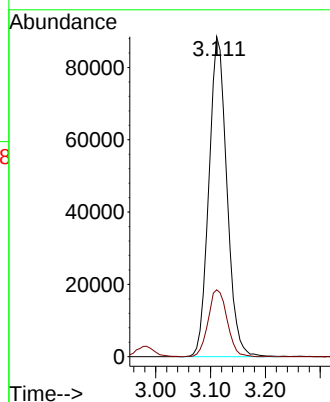
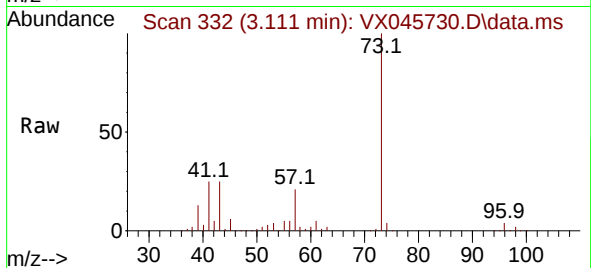
#19
Methyl tert-butyl Ether
Concen: 49.222 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 201092
Ion Ratio Lower Upper
73 100
57 20.9 17.6 26.4

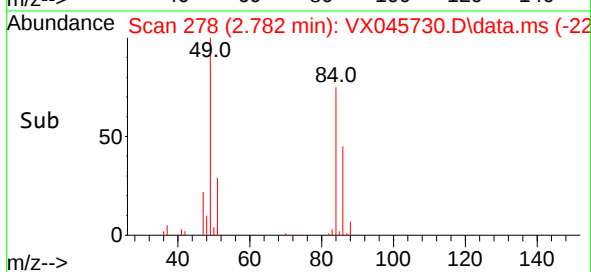
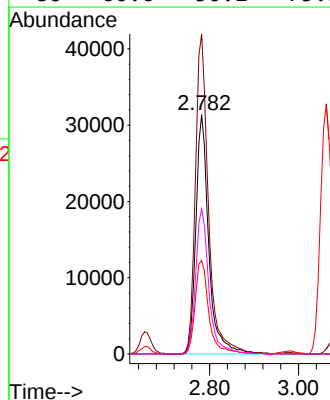
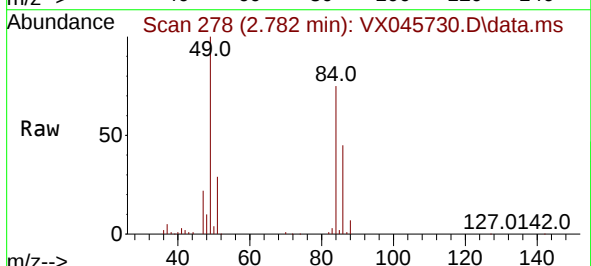
Manual Integrations
APPROVED

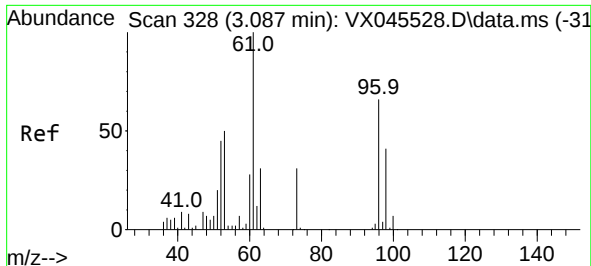
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#20
Methylene Chloride
Concen: 46.141 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

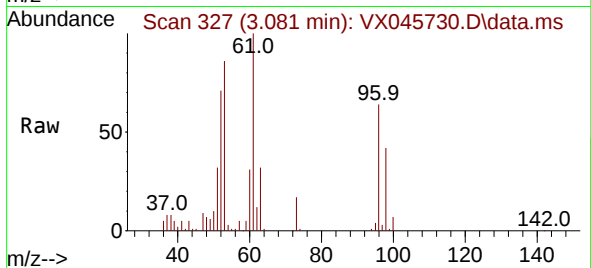
Tgt Ion: 84 Resp: 63104
Ion Ratio Lower Upper
84 100
49 133.8 107.5 161.3
51 39.1 33.0 49.6
86 60.6 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 45.197 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

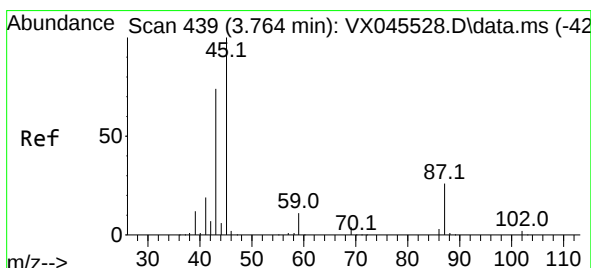
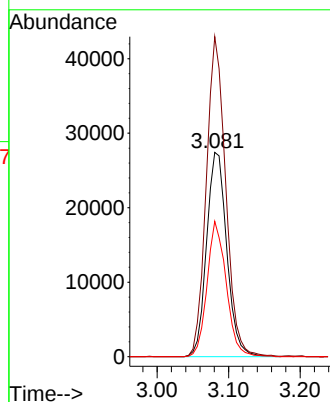
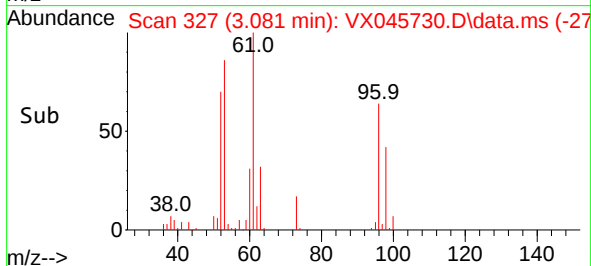
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 5392
Ion Ratio Lower Upper
96 100
61 156.7 121.0 181.6
98 66.2 49.7 74.5

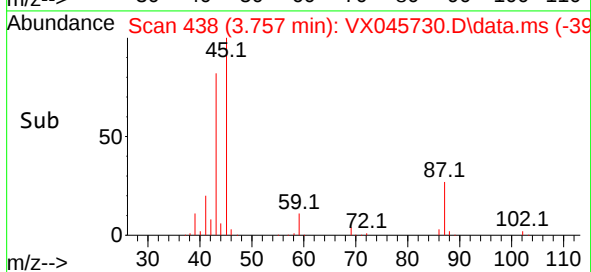
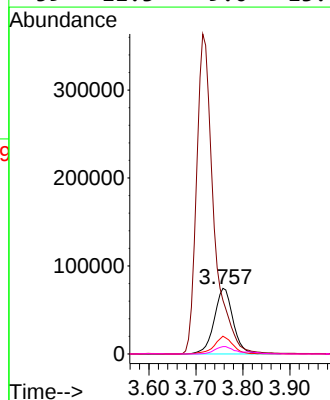
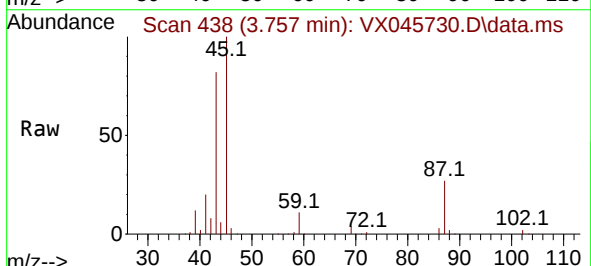
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#22
Diisopropyl ether
Concen: 47.818 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

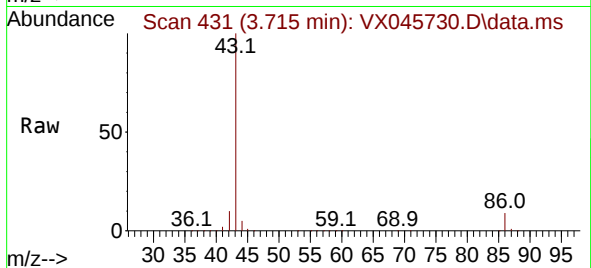
Tgt Ion: 45 Resp: 208728
Ion Ratio Lower Upper
45 100
43 82.0 59.3 88.9
87 27.2 20.4 30.6
59 11.3 9.0 13.6





#23
Vinyl Acetate
Concen: 246.059 ug/l
RT: 3.715 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

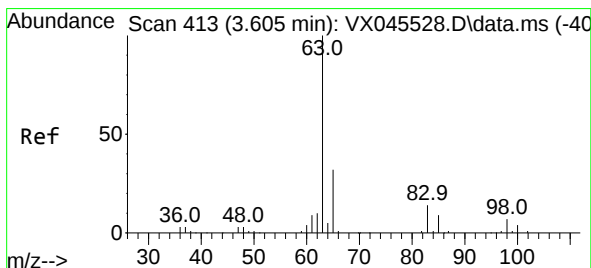
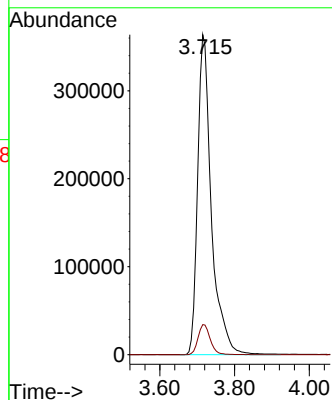
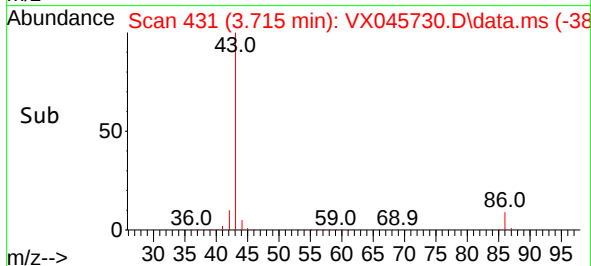
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 927978
Ion Ratio Lower Upper
43 100
86 9.4 7.5 11.3

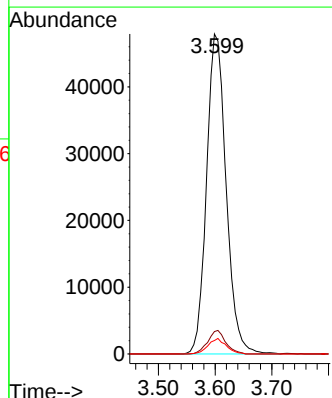
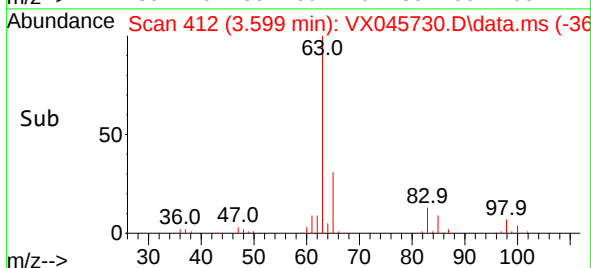
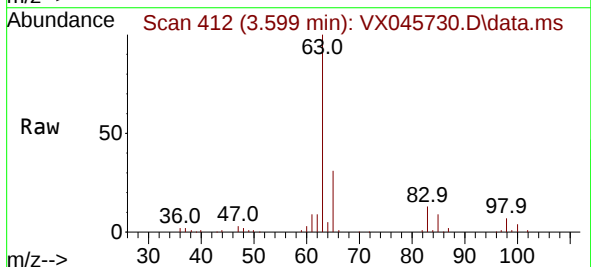
Manual Integrations
APPROVED

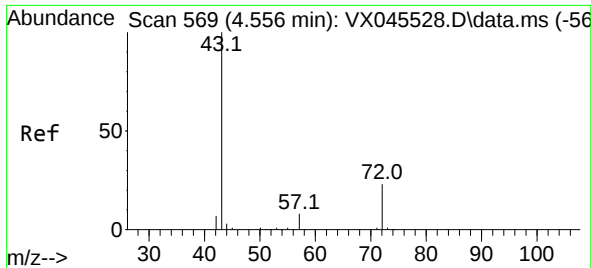
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#24
1,1-Dichloroethane
Concen: 46.549 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

Tgt Ion: 63 Resp: 114911
Ion Ratio Lower Upper
63 100
98 7.0 3.4 10.1
100 4.2 2.2 6.6





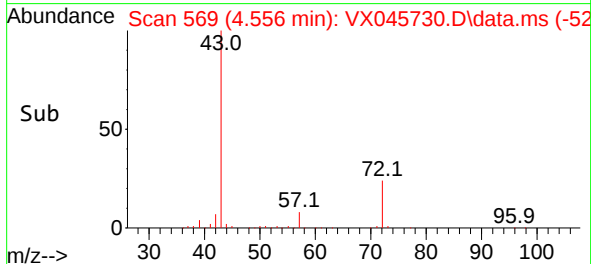
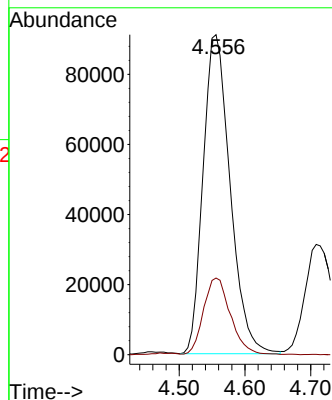
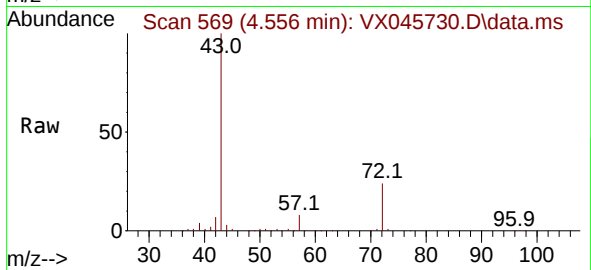
#25
2-Butanone
Concen: 243.647 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 26054
Ion Ratio Lower Upper
43 100
72 23.9 18.6 28.0

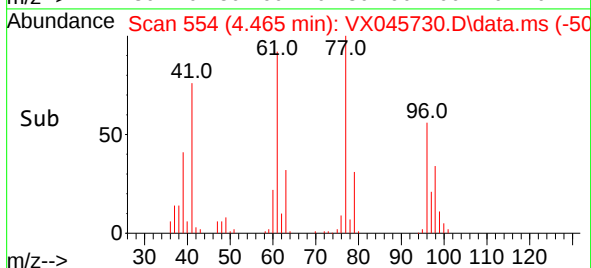
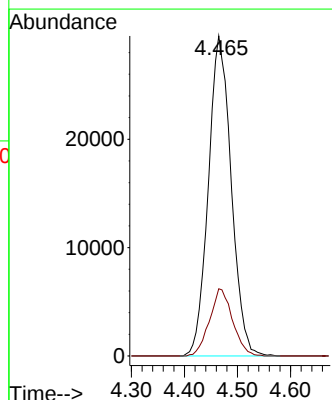
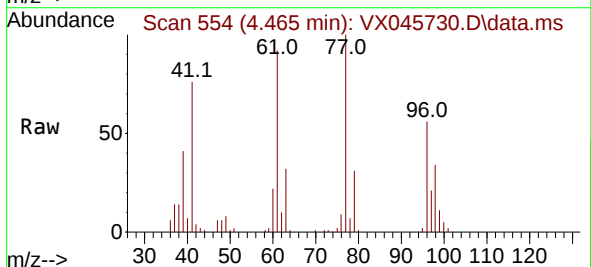
Manual Integrations
APPROVED

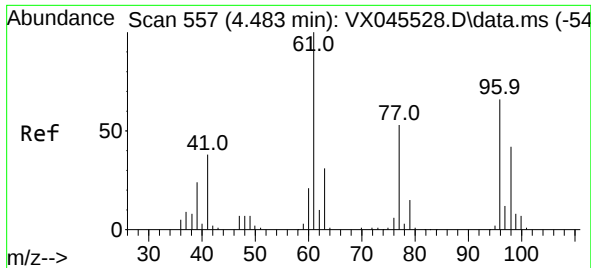
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#26
2,2-Dichloropropane
Concen: 55.416 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

Tgt Ion: 77 Resp: 88385
Ion Ratio Lower Upper
77 100
97 21.2 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 45.644 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX045730.D

Acq: 11 Apr 2025 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 66350

Ion Ratio Lower Upper

96 100

61 162.7 0.0 313.2

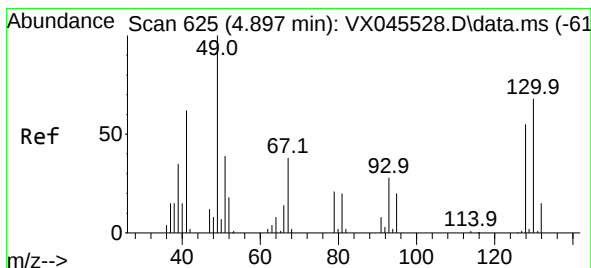
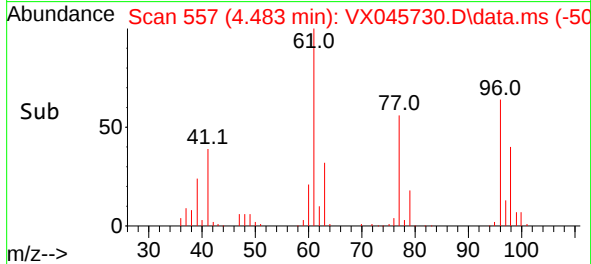
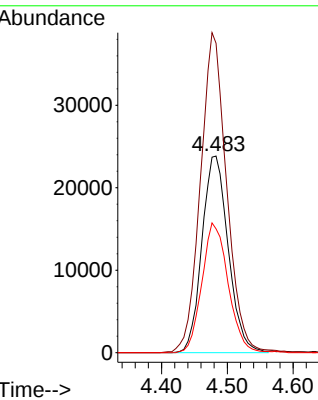
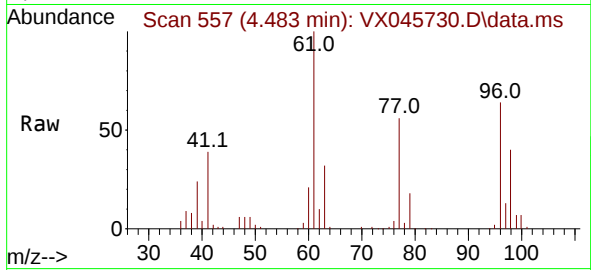
98 66.0 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#28

Bromochloromethane

Concen: 47.331 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX045730.D

Acq: 11 Apr 2025 10:41

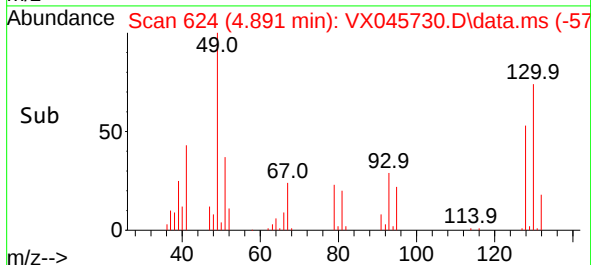
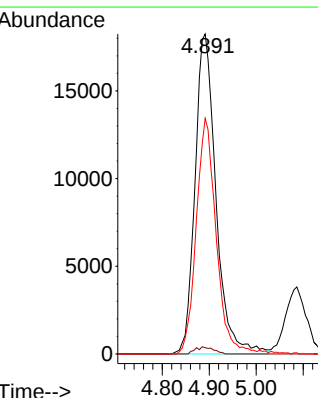
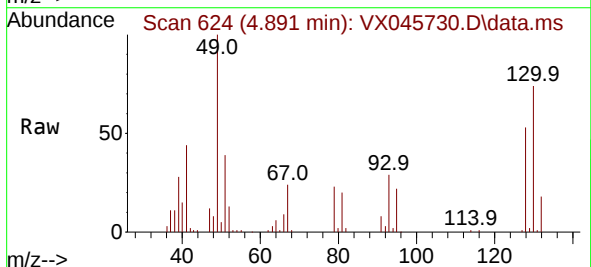
Tgt Ion: 49 Resp: 56463

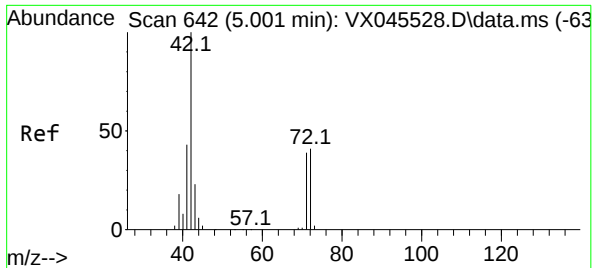
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 69.6 54.6 81.8





#29

Tetrahydrofuran

Concen: 236.531 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX045730.D

Acq: 11 Apr 2025 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 16398

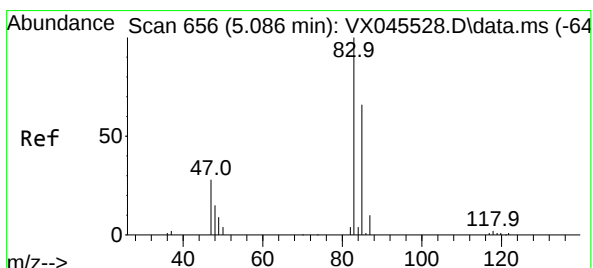
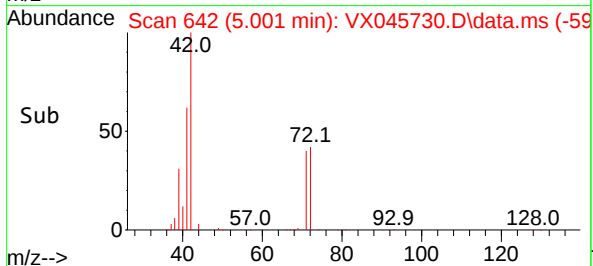
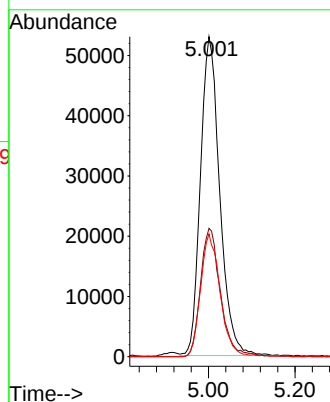
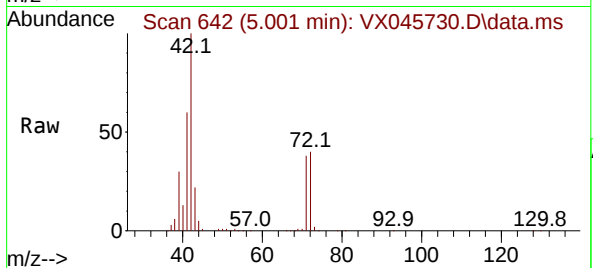
Ion	Ratio	Lower	Upper
42	100		
72	41.5	33.4	50.0
71	38.7	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#30

Chloroform

Concen: 47.500 ug/l

RT: 5.086 min Scan# 656

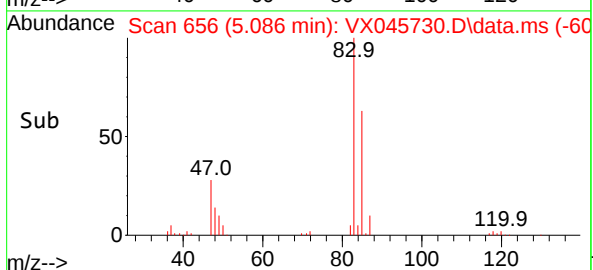
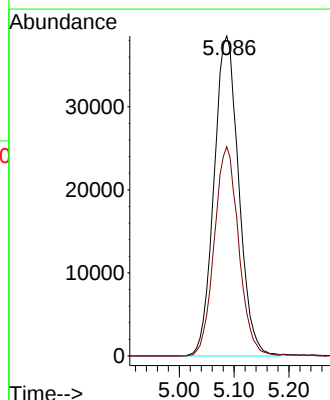
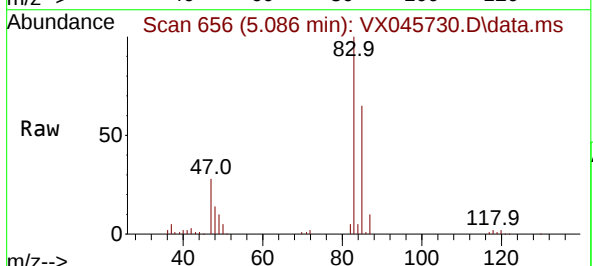
Delta R.T. -0.000 min

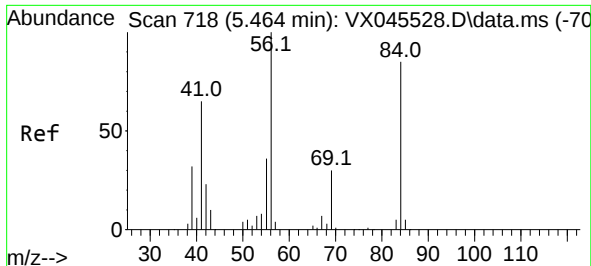
Lab File: VX045730.D

Acq: 11 Apr 2025 10:41

Tgt Ion: 83 Resp: 120655

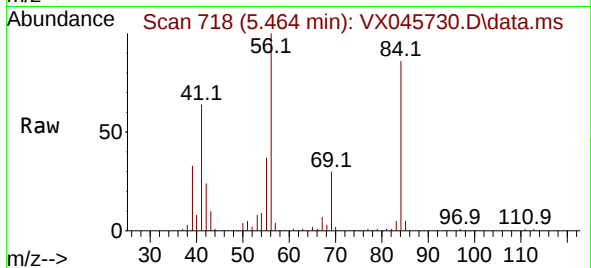
Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.8	79.2





#31
Cyclohexane
Concen: 45.918 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

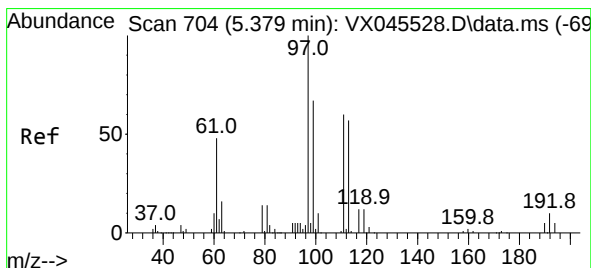
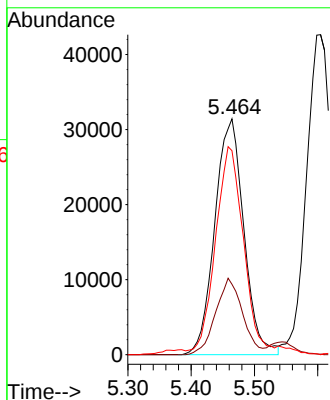
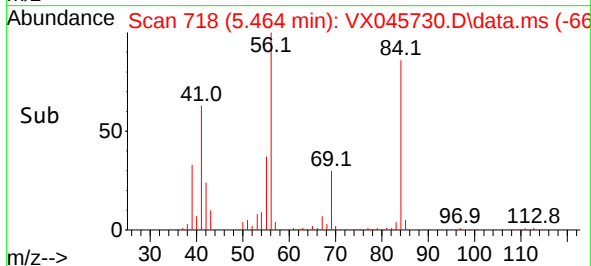
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



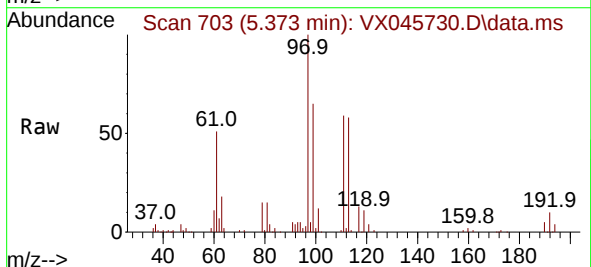
Tgt Ion: 56 Resp: 100209
Ion Ratio Lower Upper
56 100
69 29.8 23.6 35.4
84 84.4 67.7 101.5

Manual Integrations
APPROVED

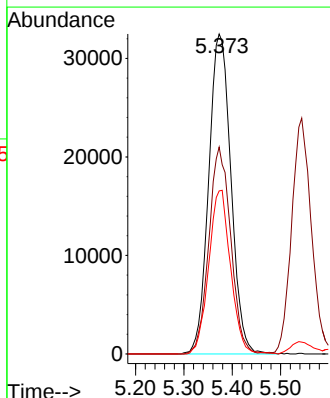
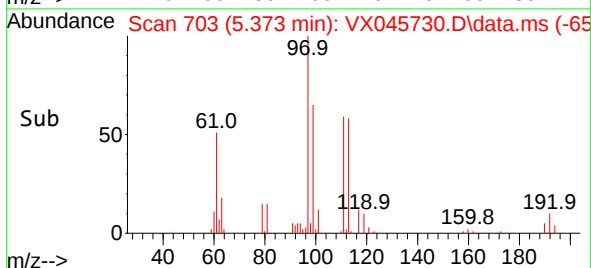
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

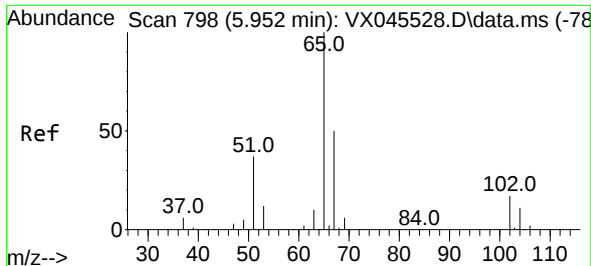


#32
1,1,1-Trichloroethane
Concen: 48.281 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41



Tgt Ion: 97 Resp: 103773
Ion Ratio Lower Upper
97 100
99 63.7 51.7 77.5
61 50.3 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 48.100 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045730.D

Acq: 11 Apr 2025 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 8557

Ion Ratio Lower Upper

65 100

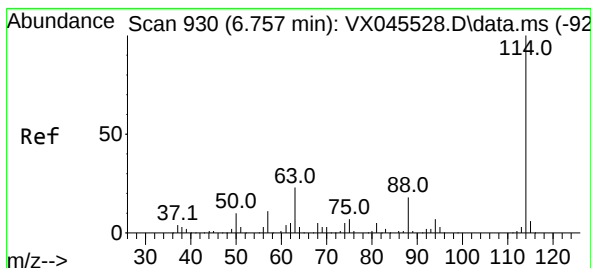
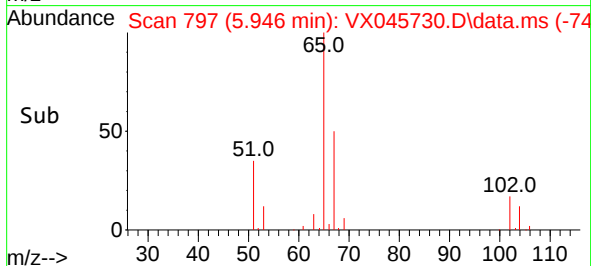
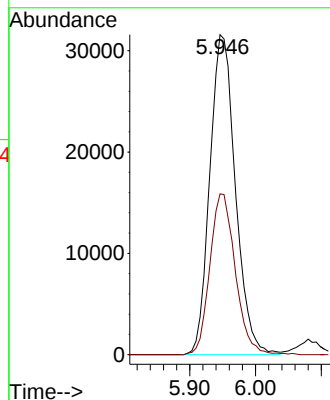
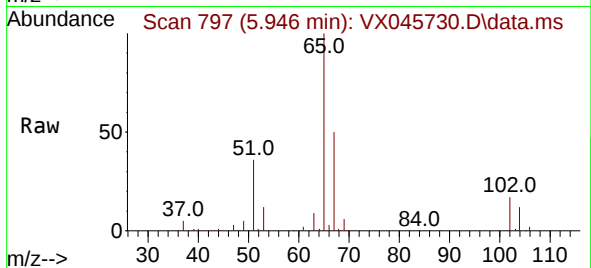
67 49.9 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045730.D

Acq: 11 Apr 2025 10:41

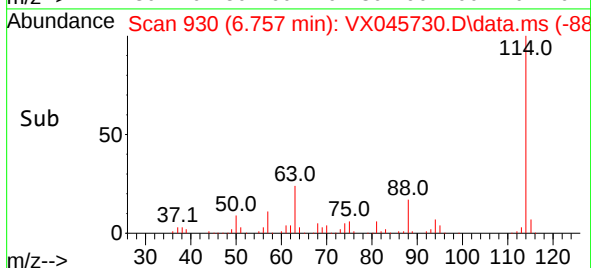
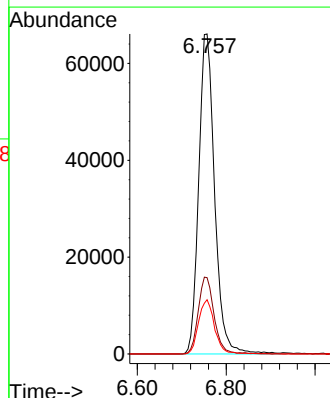
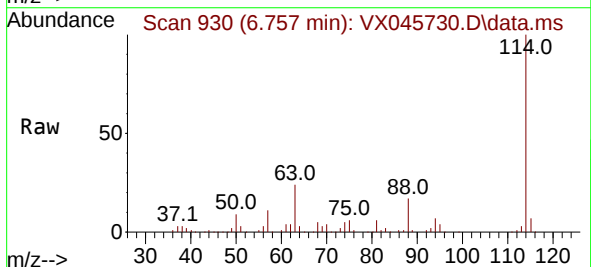
Tgt Ion:114 Resp: 164714

Ion Ratio Lower Upper

114 100

63 23.9 0.0 46.8

88 17.0 0.0 35.4





#35

Dibromofluoromethane

Concen: 49.847 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX045730.D

Acq: 11 Apr 2025 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

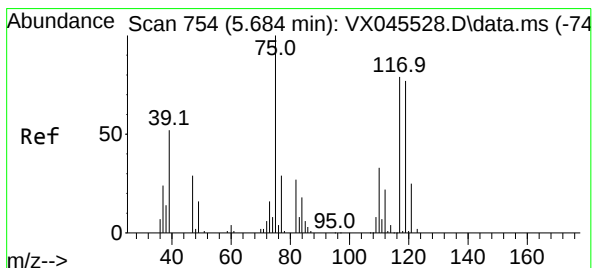
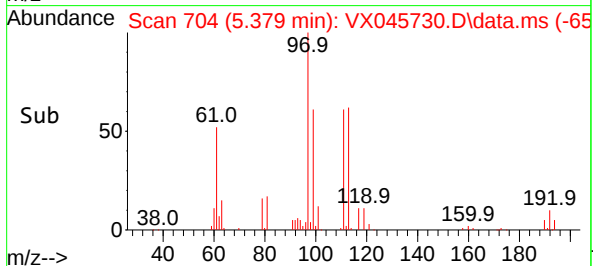
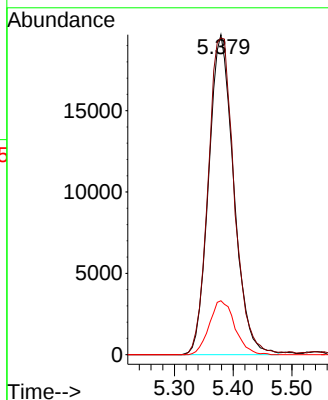
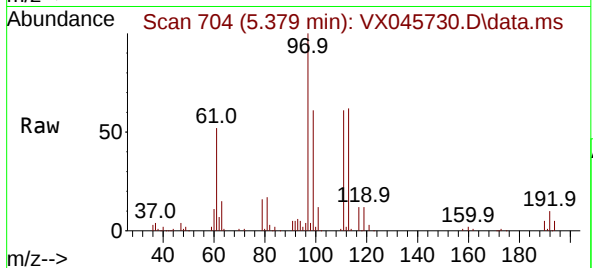
Tgt Ion:	113	Resp:	58254
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.8	122.6
192	17.2	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#36

1,1-Dichloropropene

Concen: 48.508 ug/l

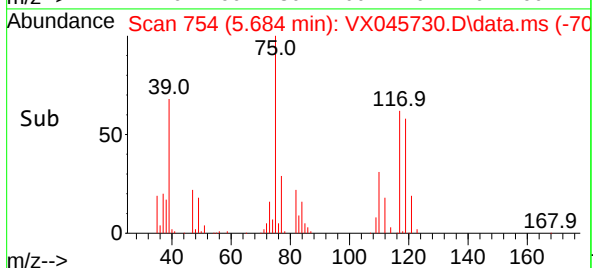
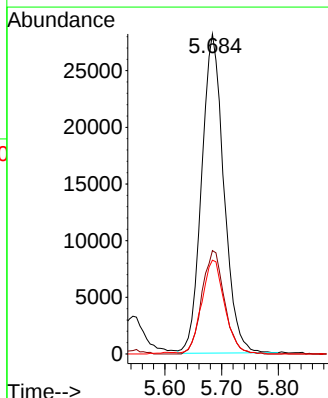
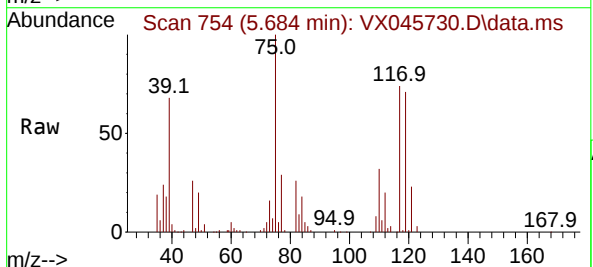
RT: 5.684 min Scan# 754

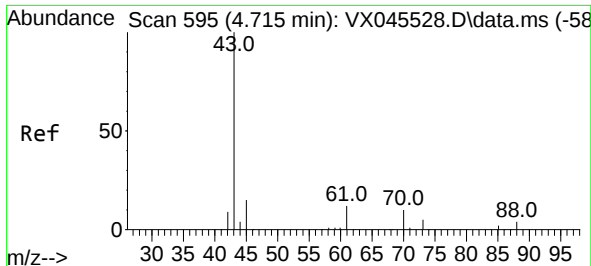
Delta R.T. -0.000 min

Lab File: VX045730.D

Acq: 11 Apr 2025 10:41

Tgt Ion:	75	Resp:	76541
Ion	Ratio	Lower	Upper
75	100		
110	32.8	16.9	50.6
77	30.6	25.0	37.4





#37

Ethyl Acetate

Concen: 48.194 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX045730.D

Acq: 11 Apr 2025 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

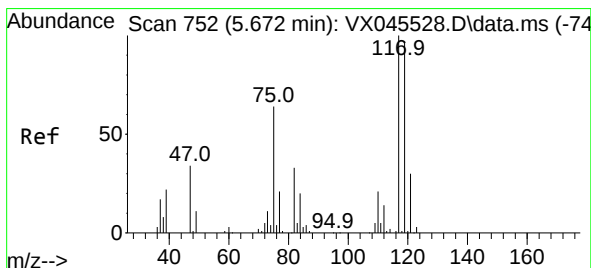
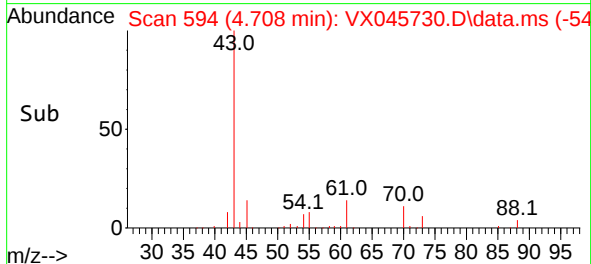
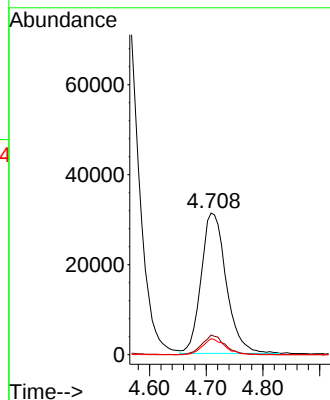
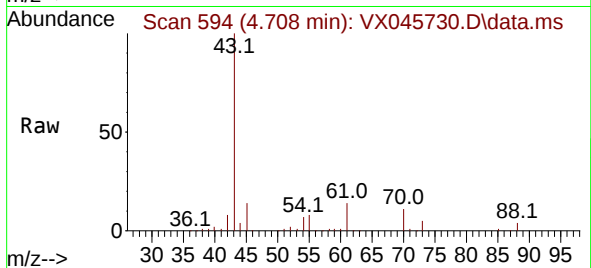
Tgt Ion: 43	Resp: 9583
Ion Ratio	Lower Upper
43 100	
61 12.8	9.9 14.9
70 10.1	7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#38

Carbon Tetrachloride

Concen: 51.101 ug/l

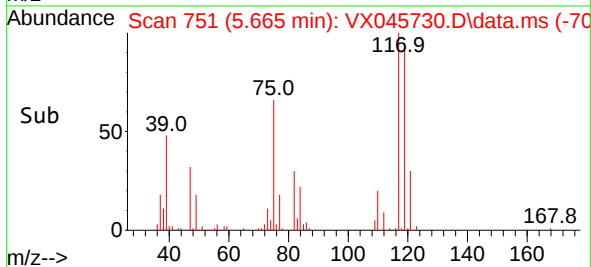
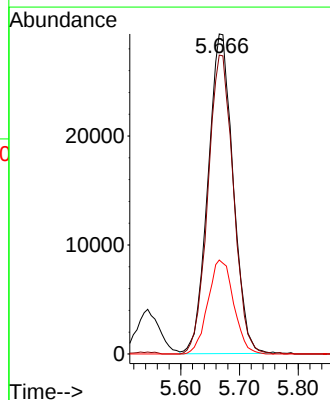
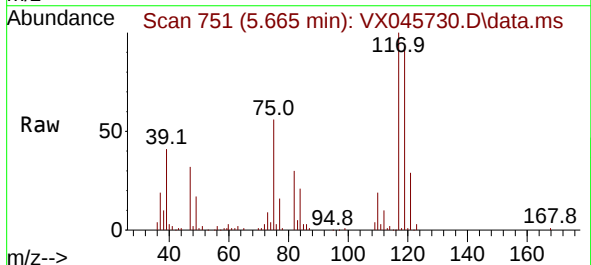
RT: 5.665 min Scan# 751

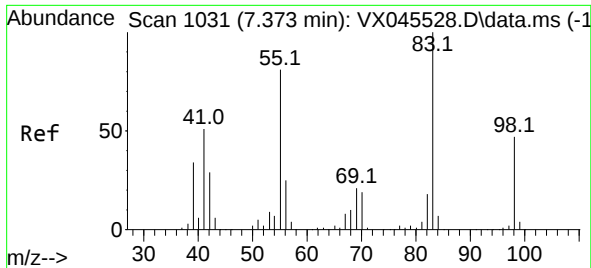
Delta R.T. -0.006 min

Lab File: VX045730.D

Acq: 11 Apr 2025 10:41

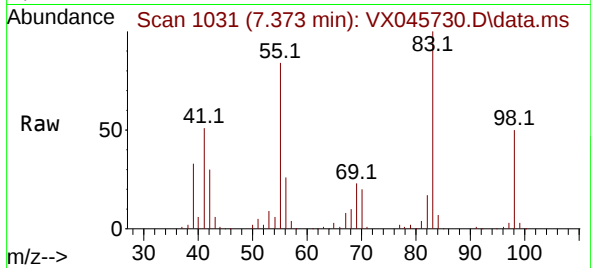
Tgt Ion:117	Resp: 87144
Ion Ratio	Lower Upper
117 100	
119 93.6	76.9 115.3
121 29.4	24.2 36.2





#39
Methylcyclohexane
Concen: 50.764 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

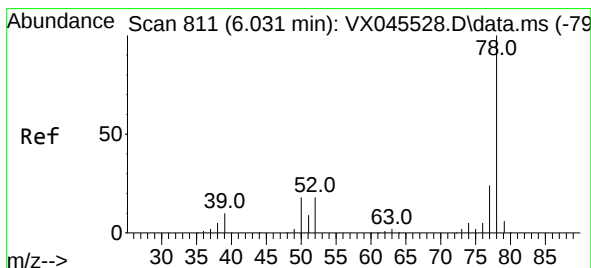
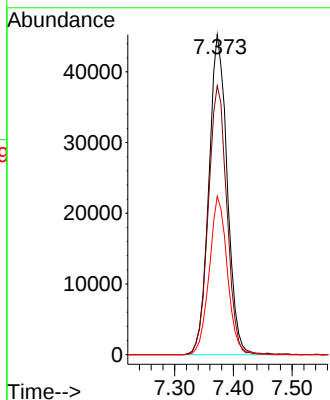
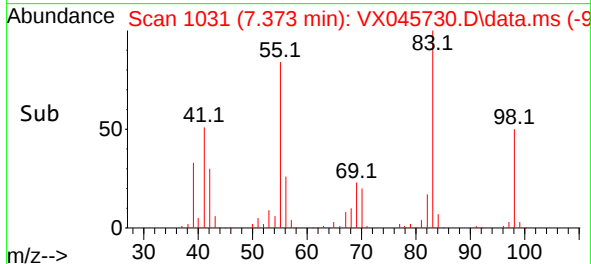
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 9818
Ion Ratio Lower Upper
83 100
55 84.1 64.9 97.3
98 49.5 37.4 56.0

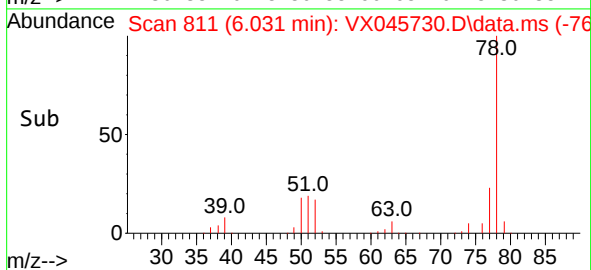
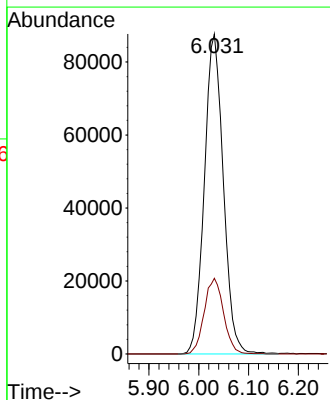
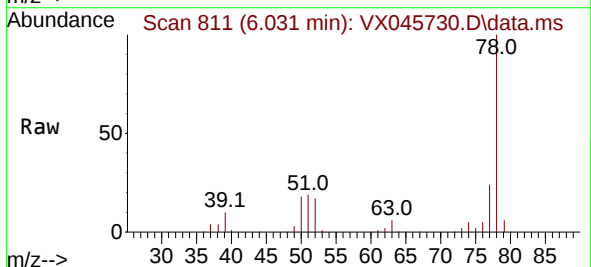
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#40
Benzene
Concen: 47.983 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

Tgt Ion: 78 Resp: 231234
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6





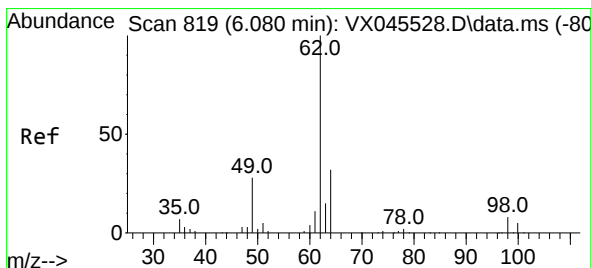
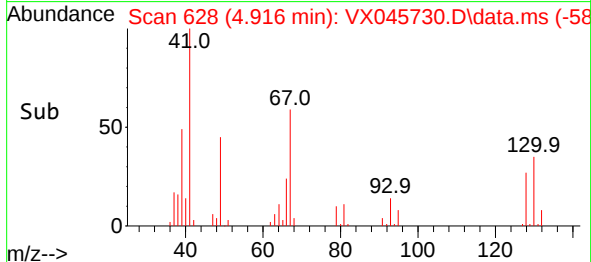
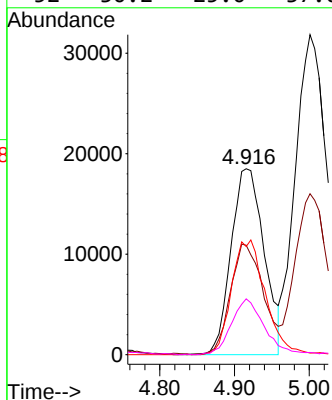
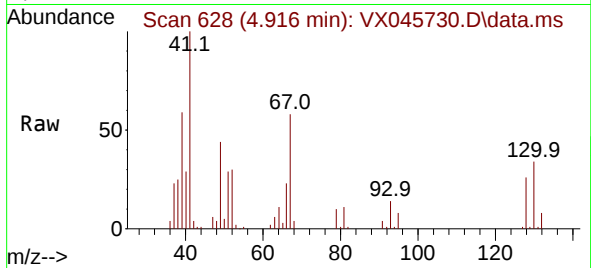
#41
Methacrylonitrile
Concen: 54.255 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 56924
Ion Ratio Lower Upper
41 100
39 59.1 47.0 70.6
67 63.4 53.2 79.8
52 30.2 25.0 37.6

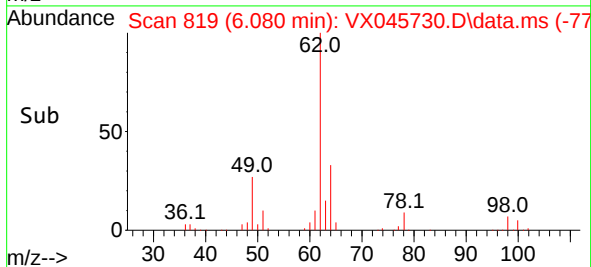
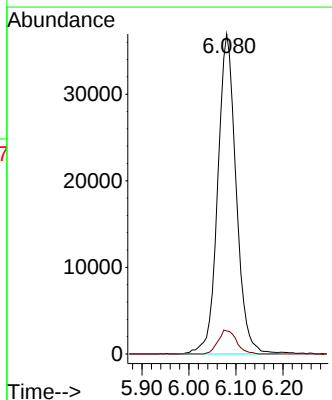
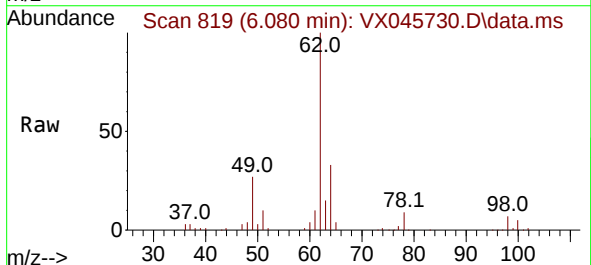
Manual Integrations
APPROVED

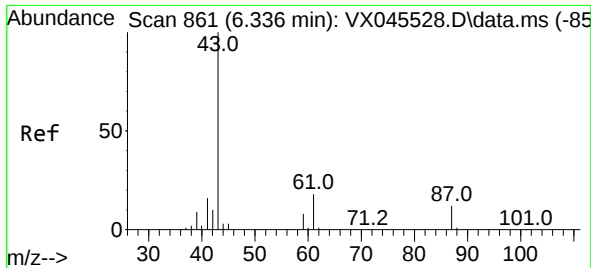
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#42
1,2-Dichloroethane
Concen: 50.595 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

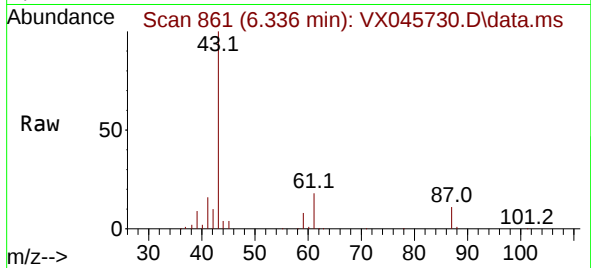
Tgt Ion: 62 Resp: 100704
Ion Ratio Lower Upper
62 100
98 7.4 0.0 15.2





#43
Isopropyl Acetate
Concen: 52.534 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

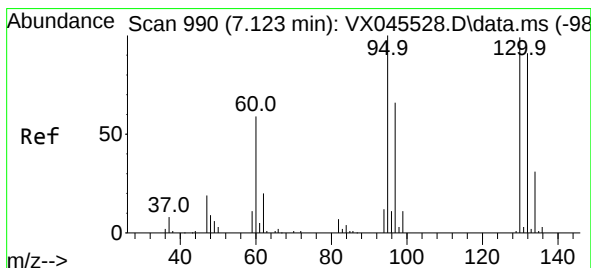
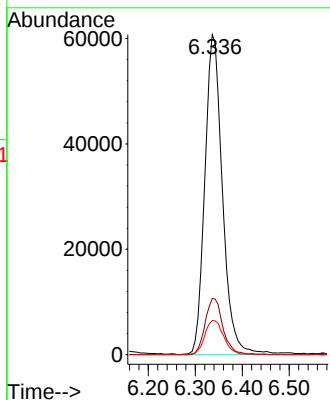
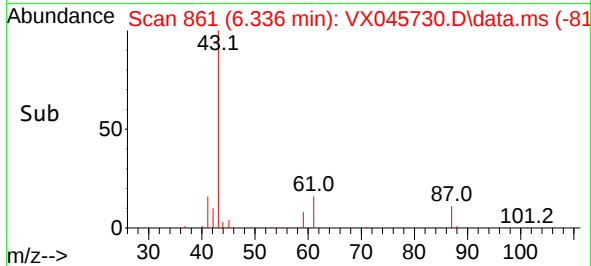
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 158328
Ion Ratio Lower Upper
43 100
61 17.5 14.1 21.1
87 11.3 9.2 13.8

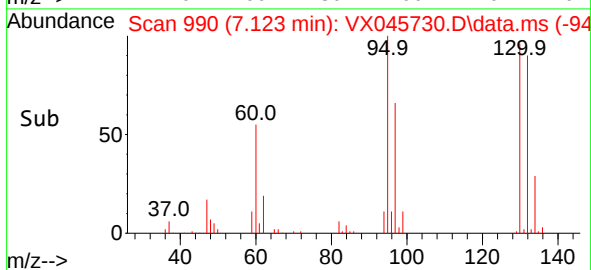
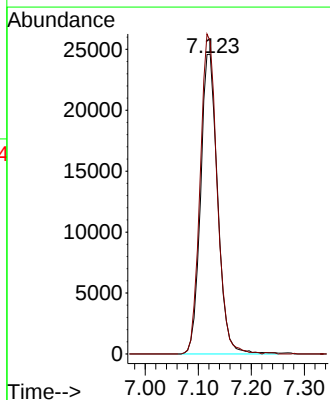
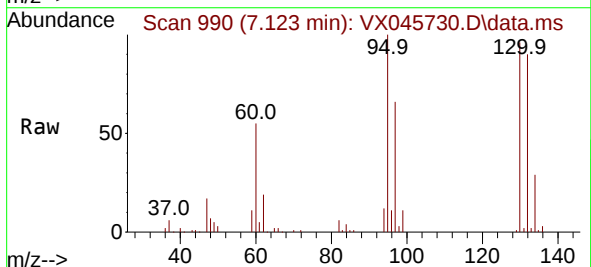
Manual Integrations
APPROVED

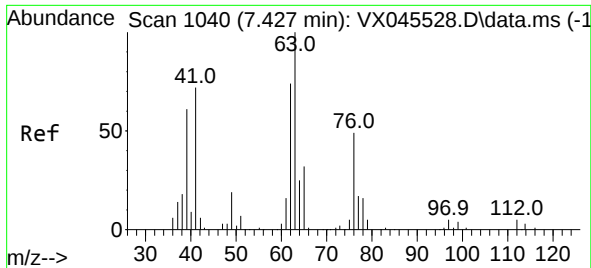
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#44
Trichloroethene
Concen: 48.127 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

Tgt Ion:130 Resp: 55126
Ion Ratio Lower Upper
130 100
95 104.2 0.0 202.0





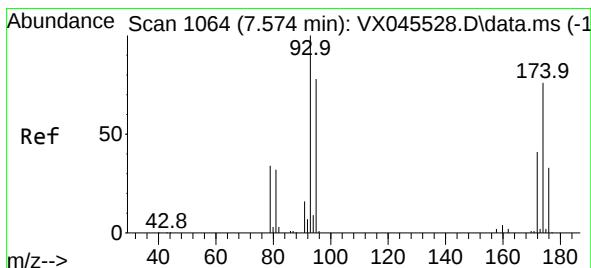
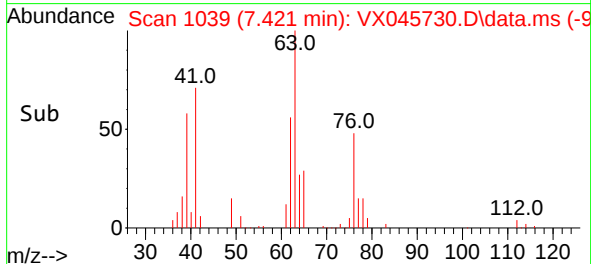
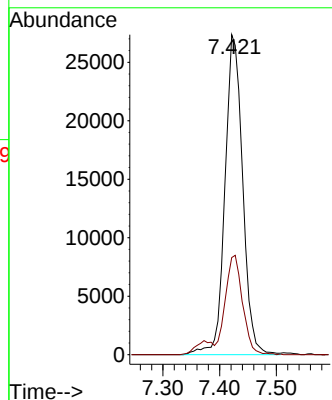
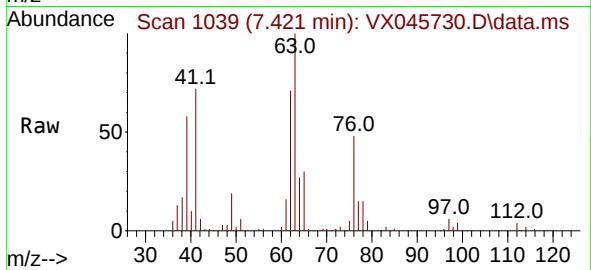
#45
1,2-Dichloropropane
Concen: 49.393 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 59390
Ion Ratio Lower Upper
63 100
65 30.4 25.8 38.6

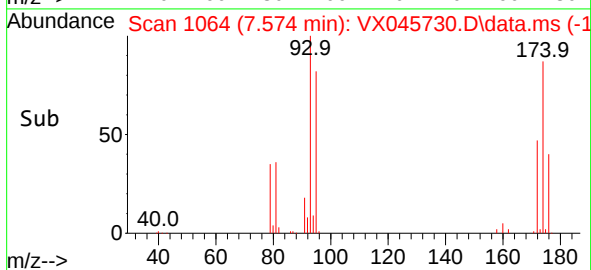
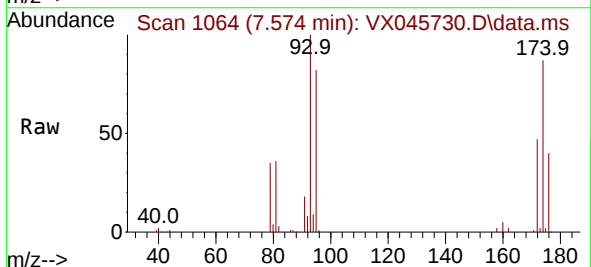
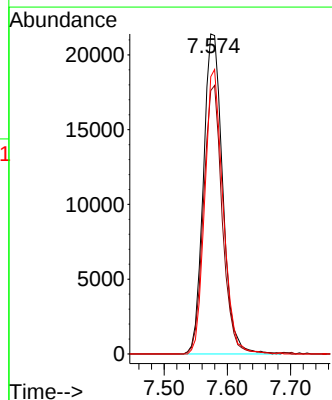
Manual Integrations
APPROVED

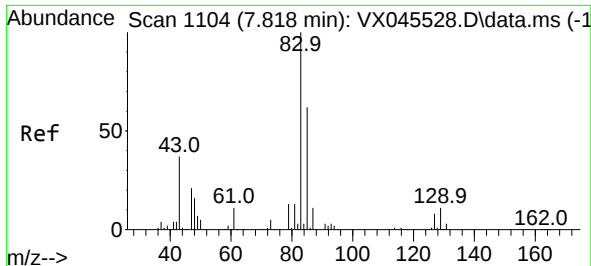
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#46
Dibromomethane
Concen: 49.152 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

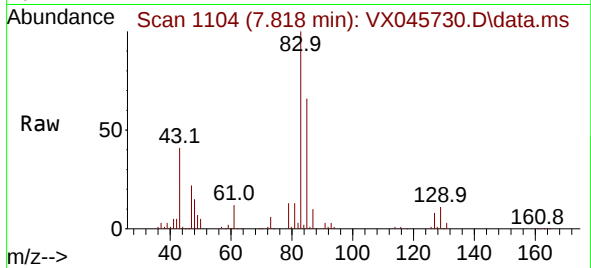
Tgt Ion: 93 Resp: 45368
Ion Ratio Lower Upper
93 100
95 81.5 64.8 97.2
174 84.2 65.4 98.0





#47
Bromodichloromethane
Concen: 50.194 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

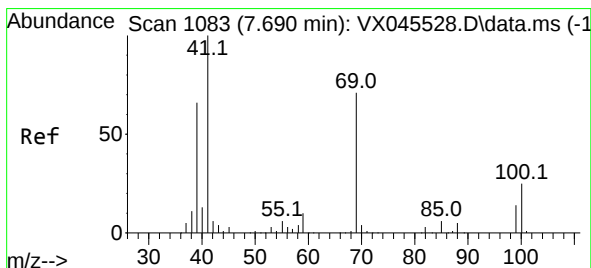
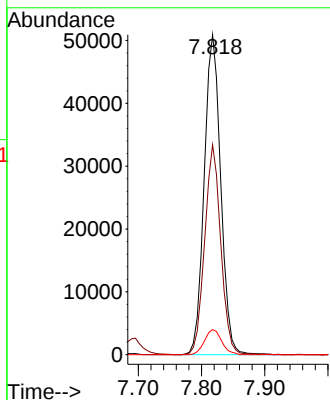
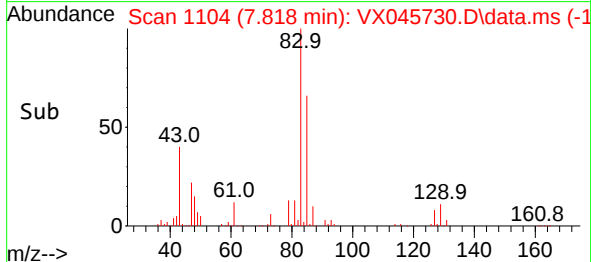
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



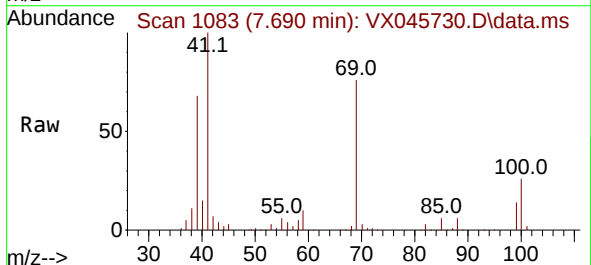
Tgt Ion: 83 Resp: 92524
Ion Ratio Lower Upper
83 100
85 65.6 49.7 74.5
127 7.9 6.1 9.1

Manual Integrations
APPROVED

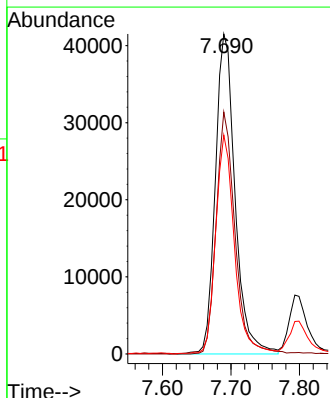
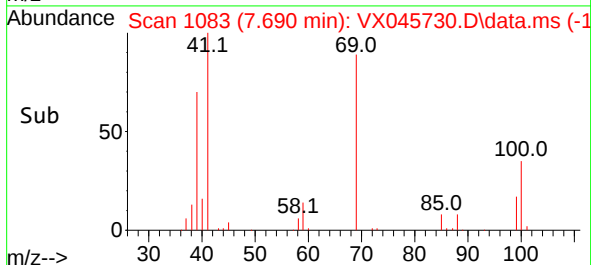
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

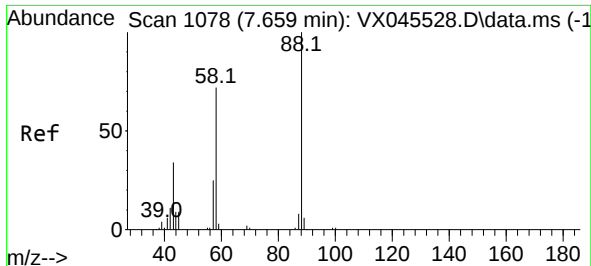


#48
Methyl methacrylate
Concen: 53.257 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41



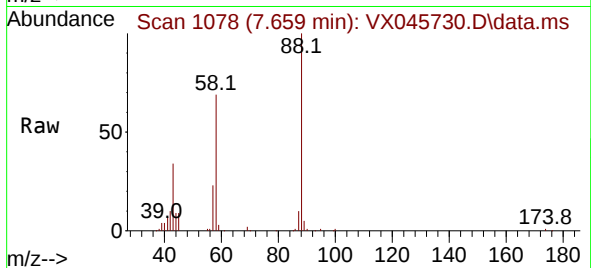
Tgt Ion: 41 Resp: 82873
Ion Ratio Lower Upper
41 100
69 71.8 58.2 87.2
39 65.4 53.6 80.4





#49
1,4-Dioxane
Concen: 1080.494 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

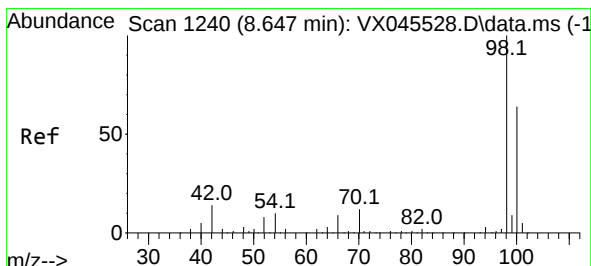
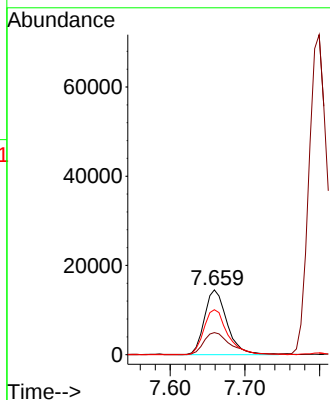
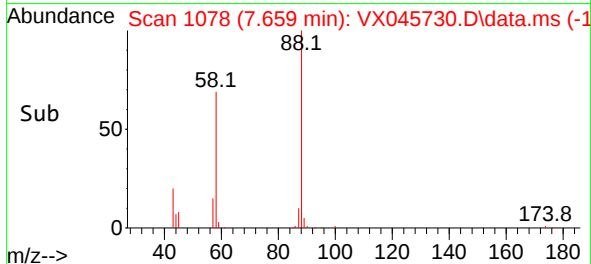
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 30420
Ion Ratio Lower Upper
88 100
43 39.5 32.2 48.4
58 72.8 58.6 88.0

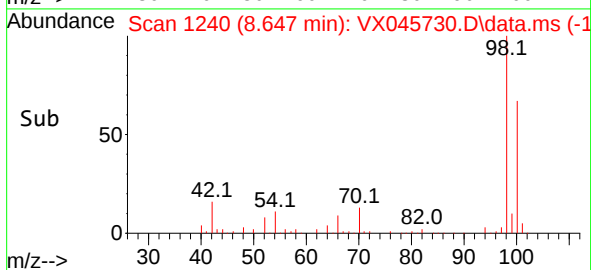
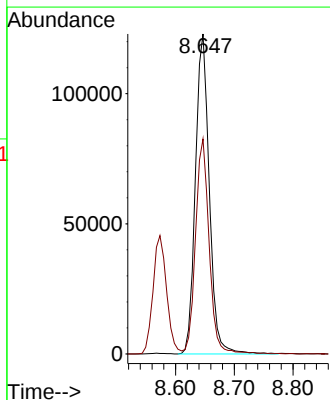
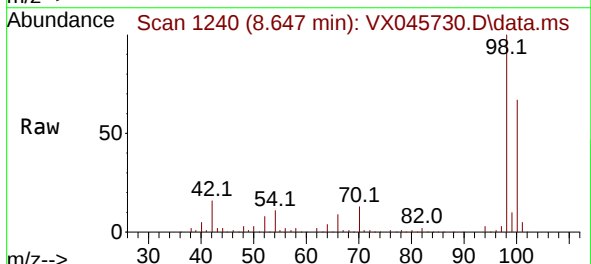
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#50
Toluene-d8
Concen: 49.525 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

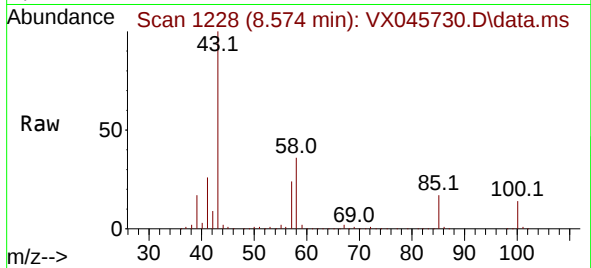
Tgt Ion: 98 Resp: 202013
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 263.661 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

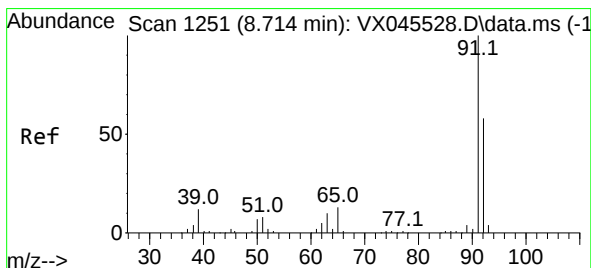
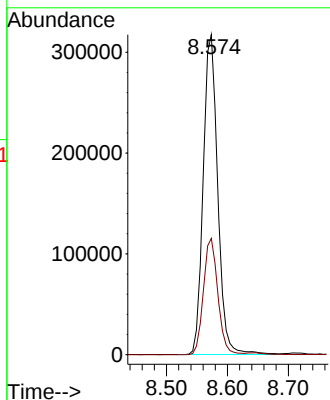
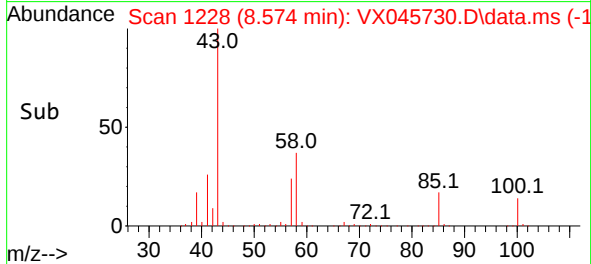
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 526773
Ion Ratio Lower Upper
43 100
58 36.0 28.5 42.7

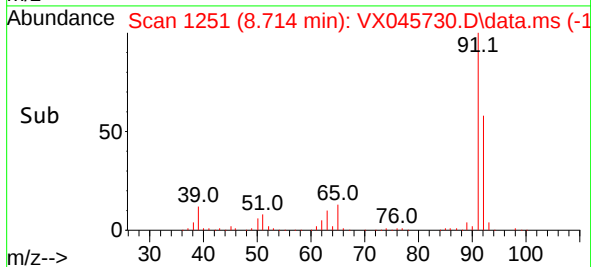
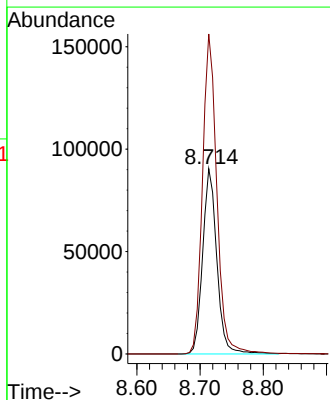
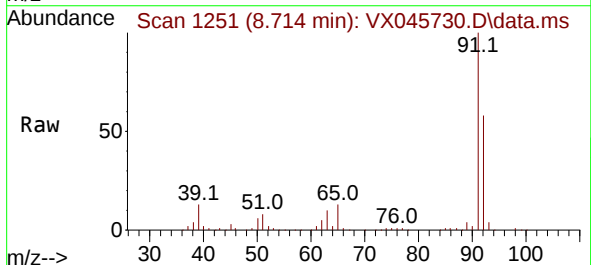
Manual Integrations
APPROVED

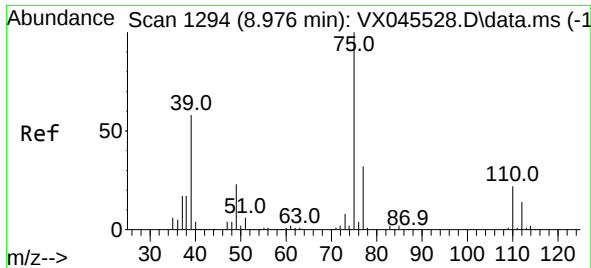
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#52
Toluene
Concen: 48.475 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

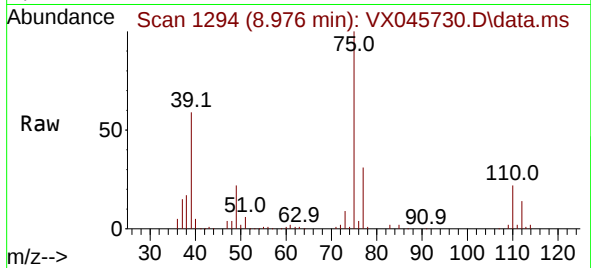
Tgt Ion: 92 Resp: 141355
Ion Ratio Lower Upper
92 100
91 175.5 138.7 208.1





#53
t-1,3-Dichloropropene
Concen: 47.584 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

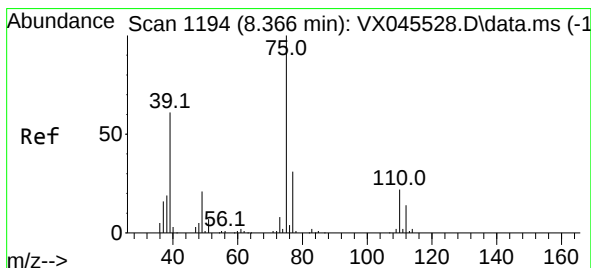
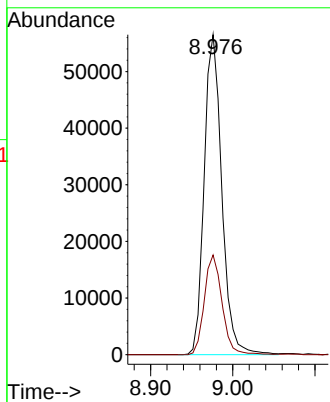
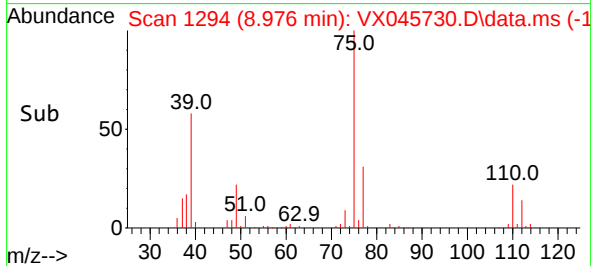
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 8414
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0

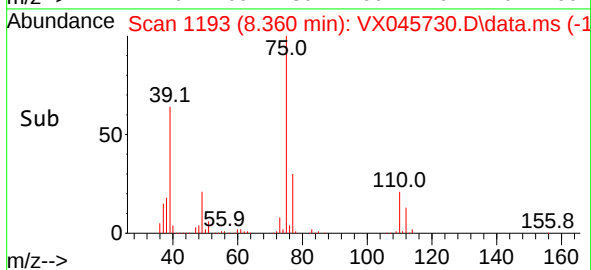
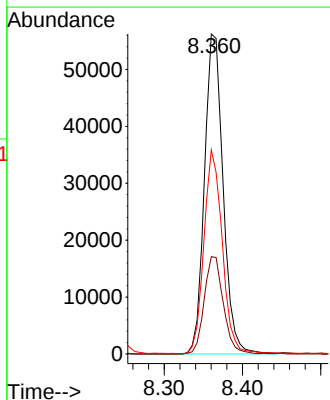
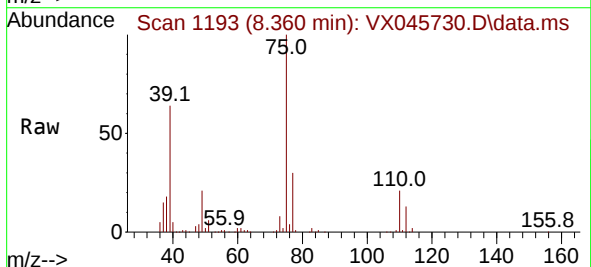
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#54
cis-1,3-Dichloropropene
Concen: 53.744 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

Tgt Ion: 75 Resp: 93096
Ion Ratio Lower Upper
75 100
77 30.4 24.6 36.8
39 63.7 48.4 72.6





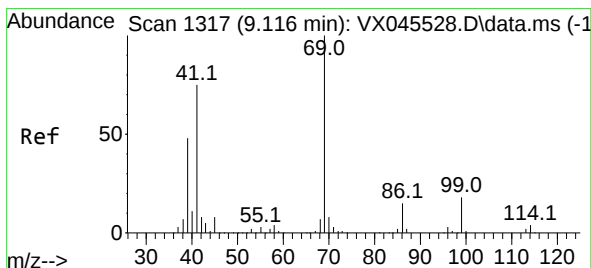
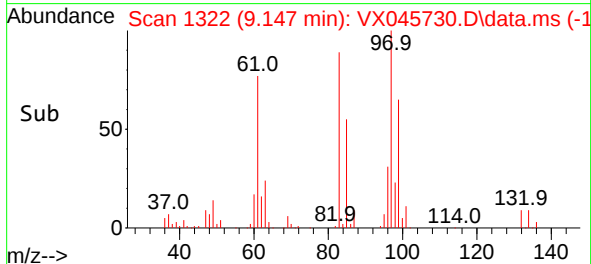
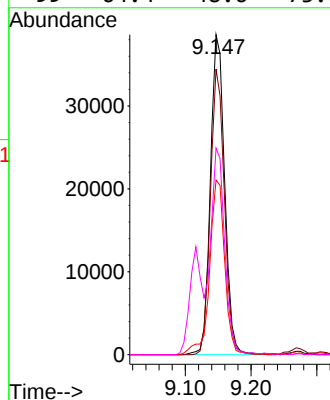
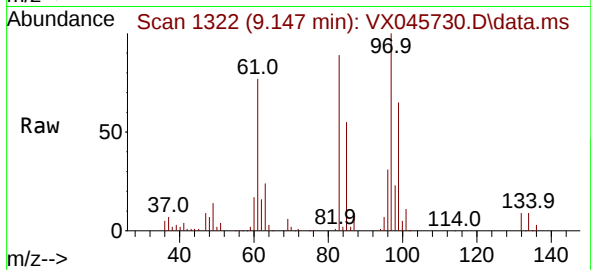
#55
 1,1,2-Trichloroethane
 Concen: 50.076 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. -0.000 min
 Lab File: VX045730.D
 Acq: 11 Apr 2025 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97	Resp: 58189
Ion Ratio	Lower Upper
97	100
83	89.2 71.8 107.8
85	54.6 47.0 70.6
99	64.4 48.6 73.0

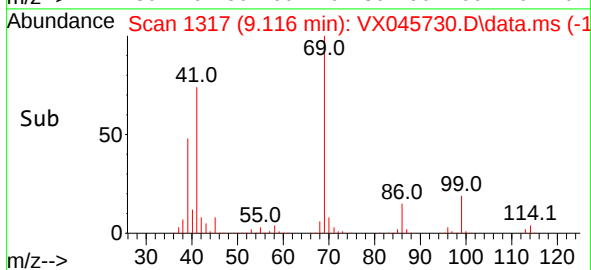
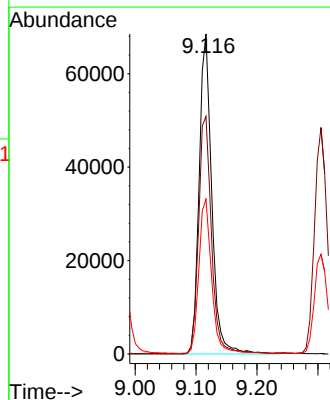
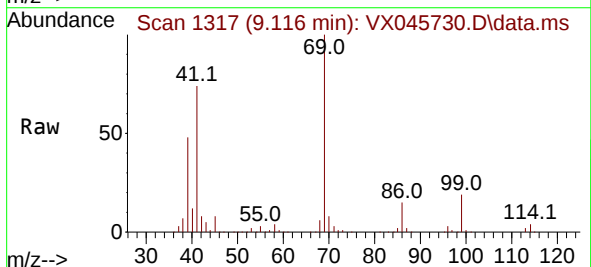
Manual Integrations
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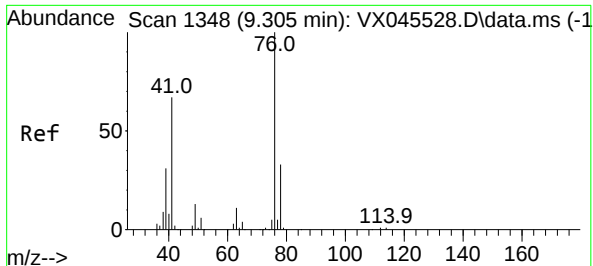
Reviewed By :John Carlone 04/14/2025
 Supervised By :Mahesh Dadoda 04/14/2025



#56
 Ethyl methacrylate
 Concen: 54.894 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VX045730.D
 Acq: 11 Apr 2025 10:41

Tgt Ion: 69	Resp: 98718
Ion Ratio	Lower Upper
69	100
41	76.3 61.3 91.9
39	48.8 40.2 60.2





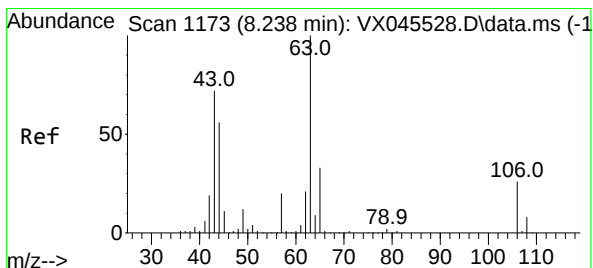
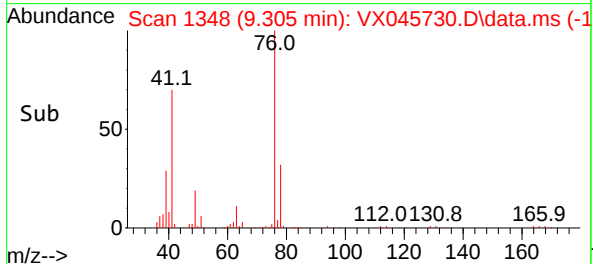
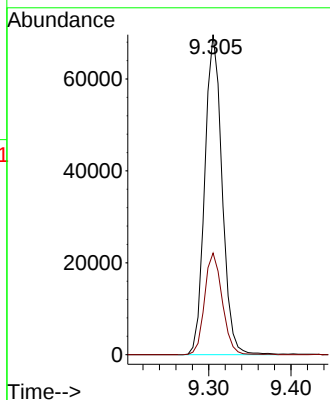
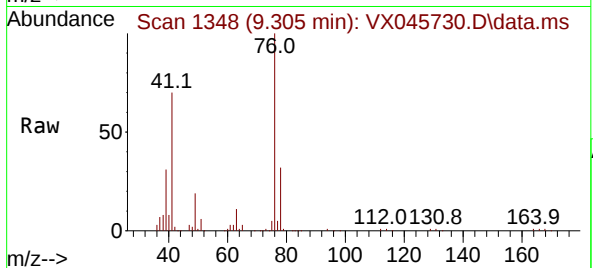
#57
1,3-Dichloropropane
Concen: 50.393 ug/l
RT: 9.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 101969
Ion Ratio Lower Upper
76 100
78 32.3 26.0 39.0

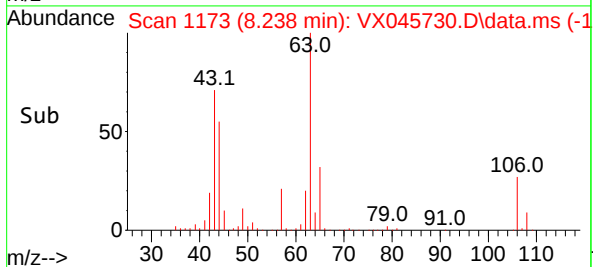
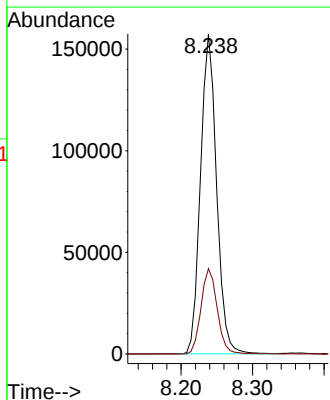
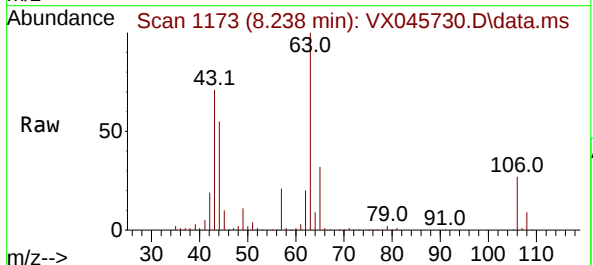
Manual Integrations
APPROVED

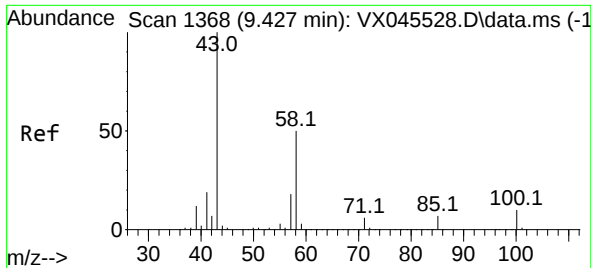
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#58
2-Chloroethyl Vinyl ether
Concen: 270.217 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

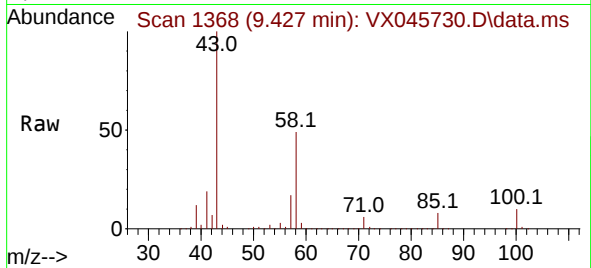
Tgt Ion: 63 Resp: 245823
Ion Ratio Lower Upper
63 100
106 26.8 21.0 31.6





#59
2-Hexanone
Concen: 264.335 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

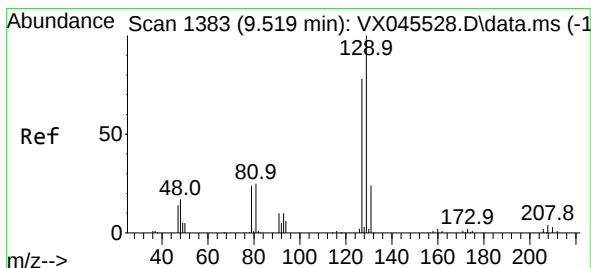
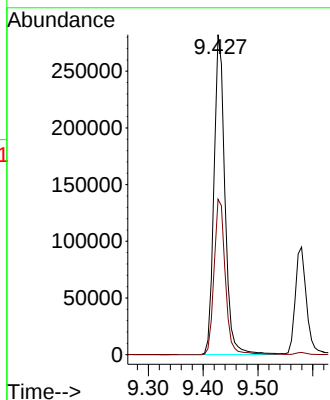
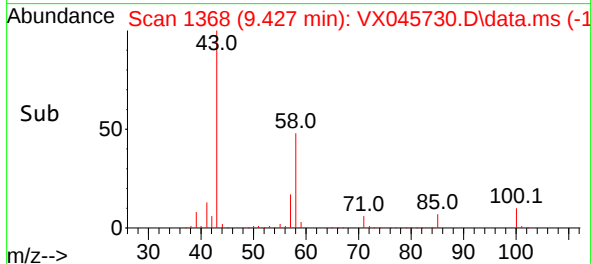
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 391086
Ion Ratio Lower Upper
43 100
58 49.8 24.9 74.6

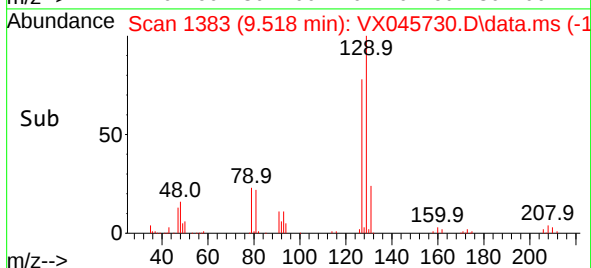
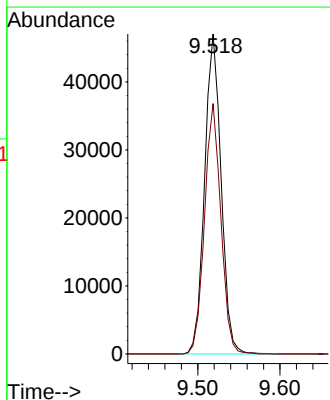
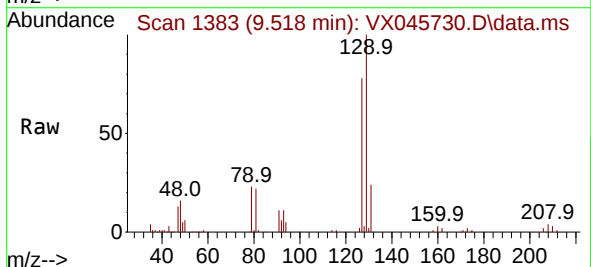
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#60
Dibromochloromethane
Concen: 51.692 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

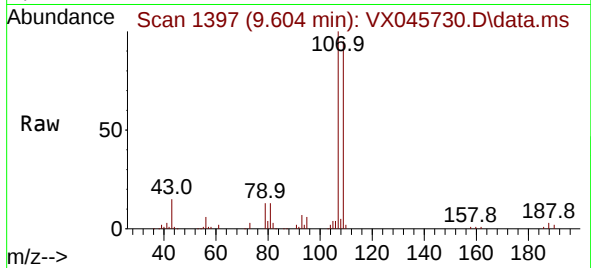
Tgt Ion:129 Resp: 65483
Ion Ratio Lower Upper
129 100
127 77.6 39.4 118.2





#61
1,2-Dibromoethane
Concen: 51.286 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

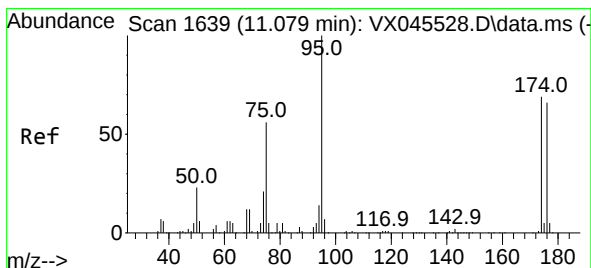
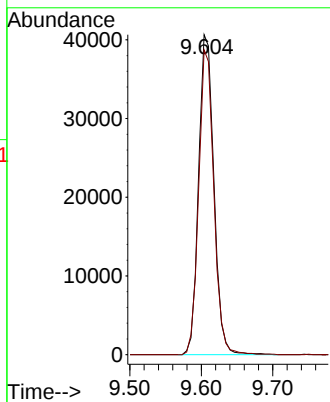
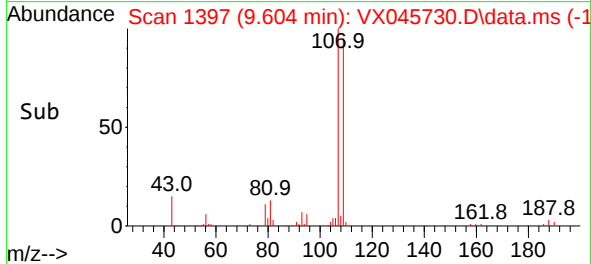
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 60328
Ion Ratio Lower Upper
107 100
109 94.5 75.7 113.5

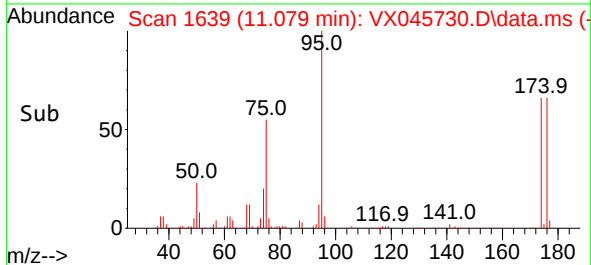
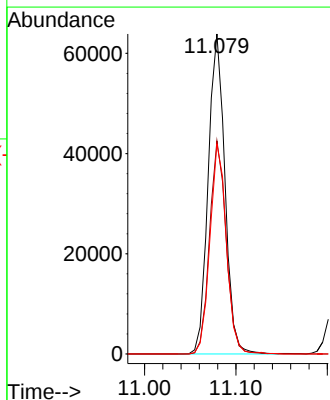
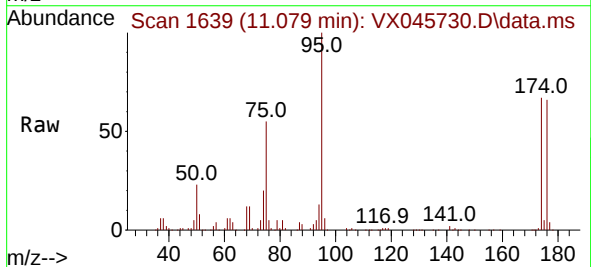
Manual Integrations
APPROVED

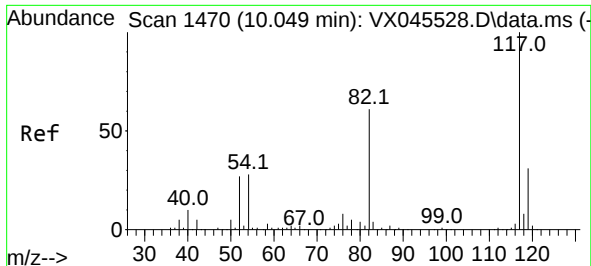
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#62
4-Bromofluorobenzene
Concen: 54.421 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

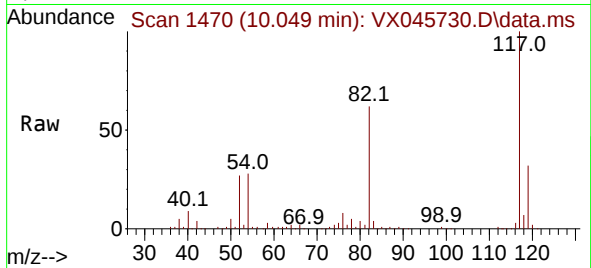
Tgt Ion: 95 Resp: 80858
Ion Ratio Lower Upper
95 100
174 66.3 0.0 135.8
176 64.6 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

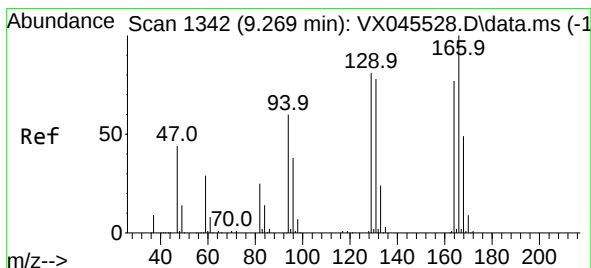
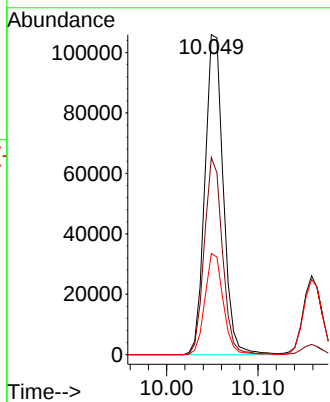
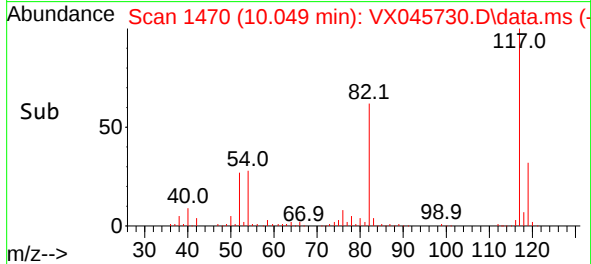
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 14774
Ion Ratio Lower Upper
117 100
82 61.6 49.2 73.8
119 31.6 25.1 37.7

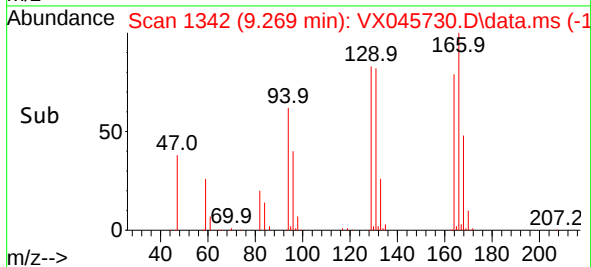
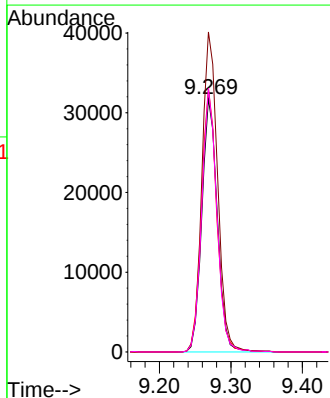
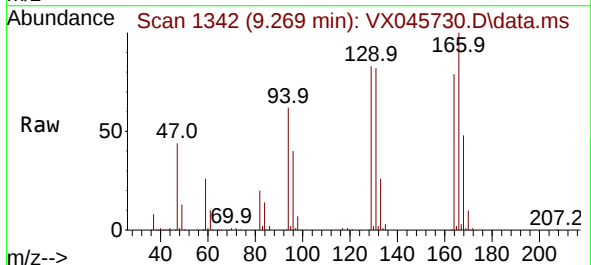
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#64
Tetrachloroethene
Concen: 45.712 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

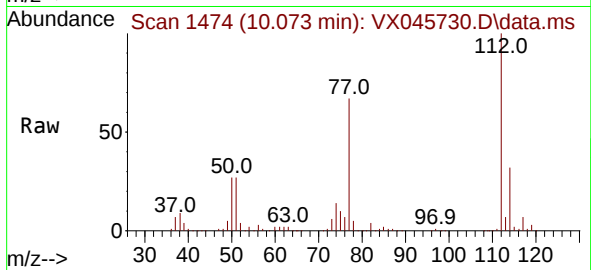
Tgt Ion:164 Resp: 47682
Ion Ratio Lower Upper
164 100
166 126.4 103.8 155.8
129 104.3 84.3 126.5
131 104.0 80.9 121.3





#65
Chlorobenzene
Concen: 48.815 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

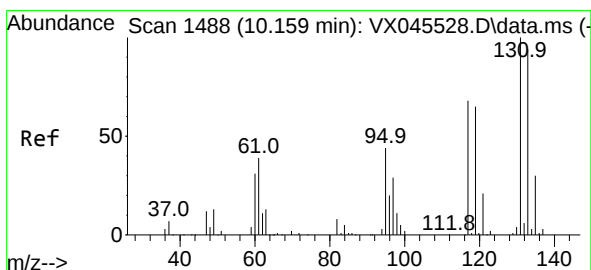
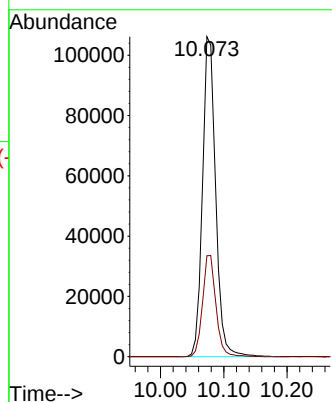
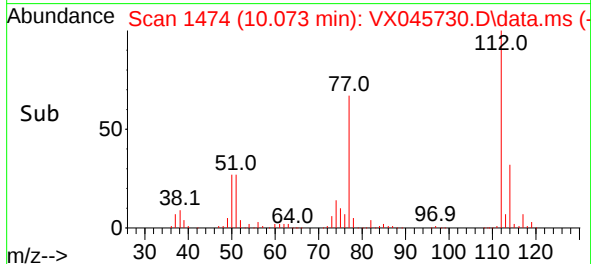
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



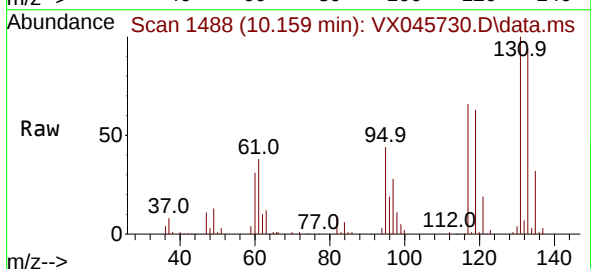
Tgt Ion:112 Resp: 15410
Ion Ratio Lower Upper
112 100
114 31.5 24.7 37.1

Manual Integrations
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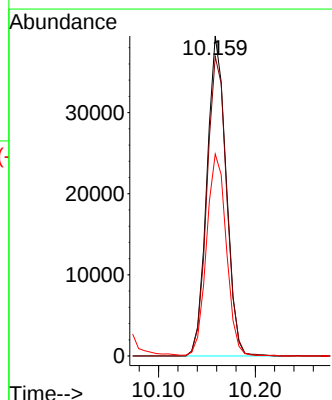
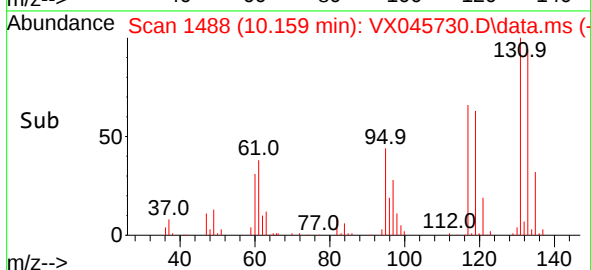
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

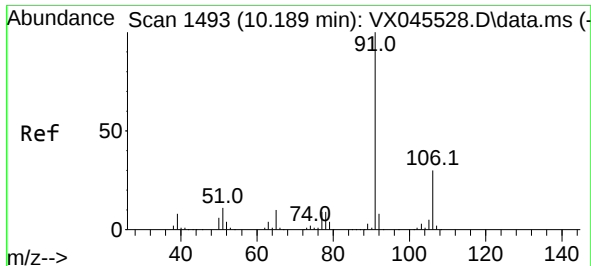


#66
1,1,1,2-Tetrachloroethane
Concen: 49.662 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41



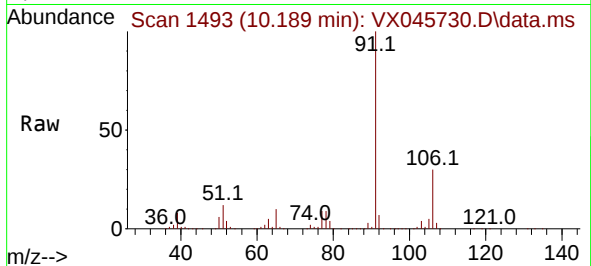
Tgt Ion:131 Resp: 54432
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.5
119 64.9 32.9 98.6





#67
Ethyl Benzene
Concen: 50.102 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

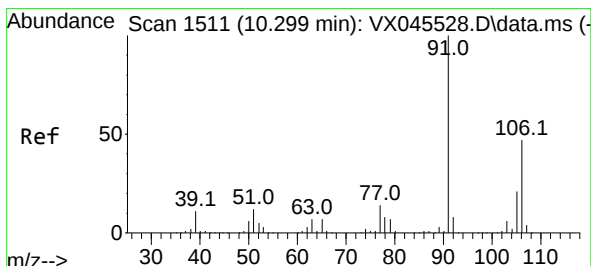
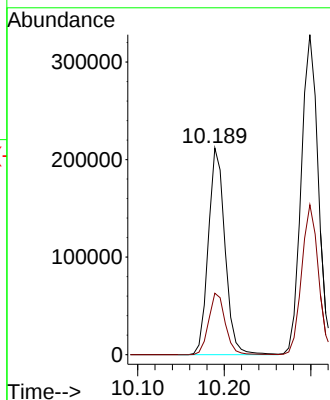
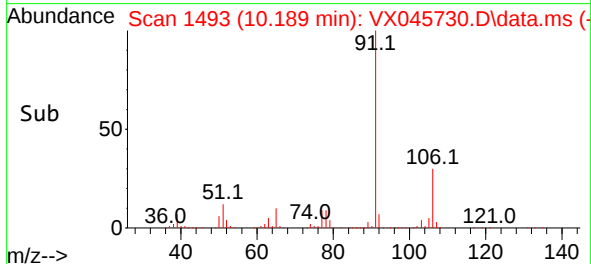
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 28328
Ion Ratio Lower Upper
91 100
106 29.8 23.7 35.5

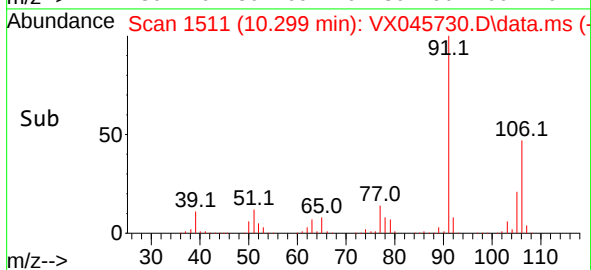
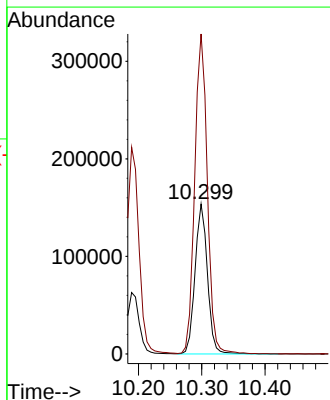
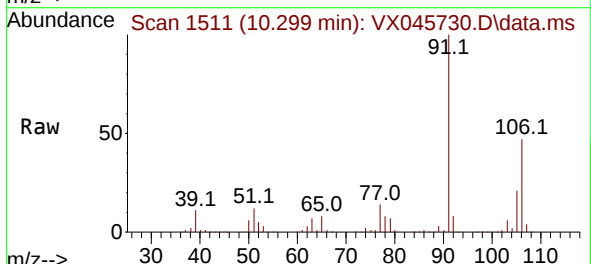
Manual Integrations
APPROVED

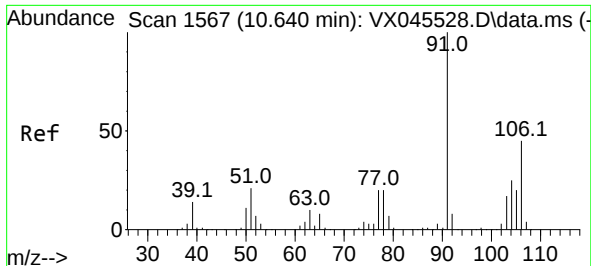
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#68
m/p-Xylenes
Concen: 101.879 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

Tgt Ion:106 Resp: 209512
Ion Ratio Lower Upper
106 100
91 217.4 172.6 258.8





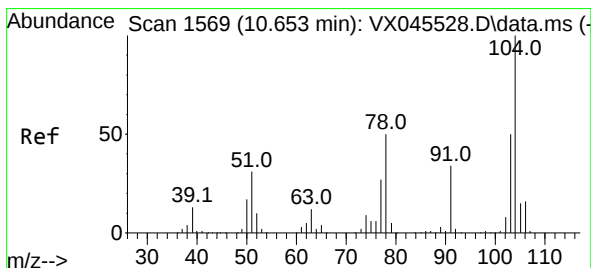
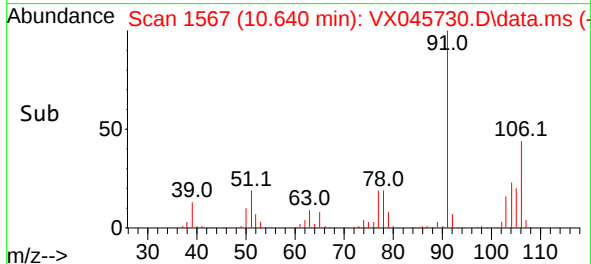
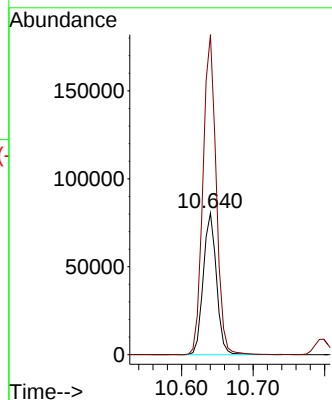
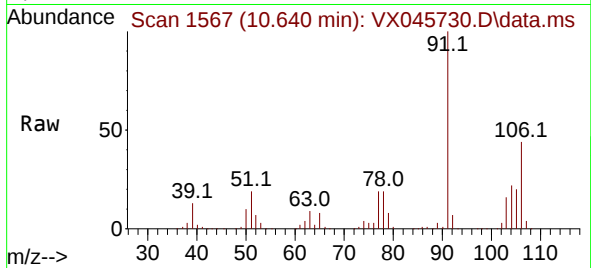
#69
o-Xylene
Concen: 50.973 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 10326
Ion Ratio Lower Upper
106 100
91 227.2 113.6 340.6

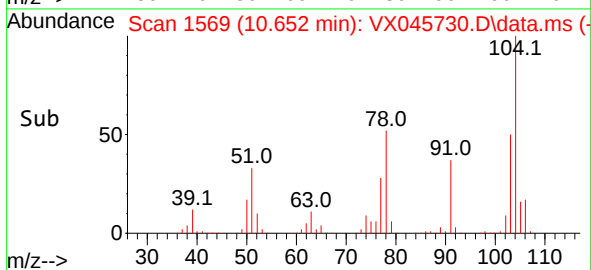
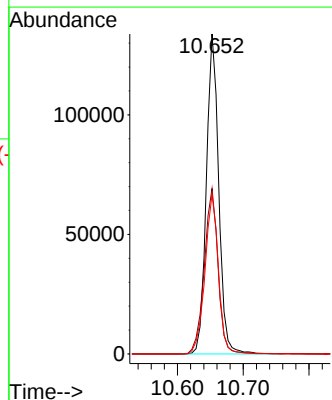
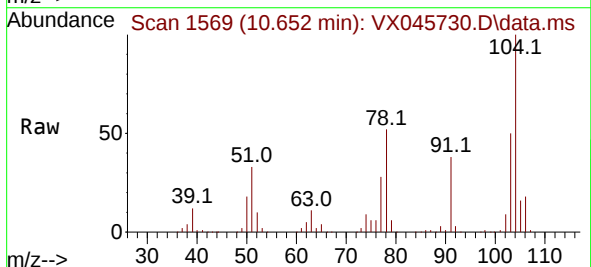
Manual Integrations
APPROVED

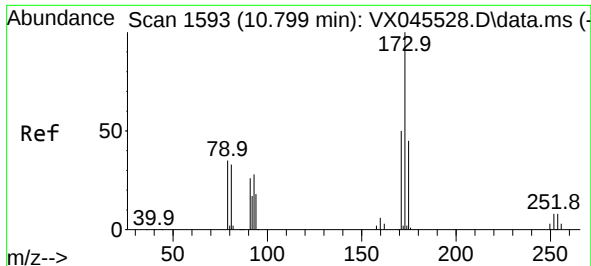
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#70
Styrene
Concen: 52.356 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

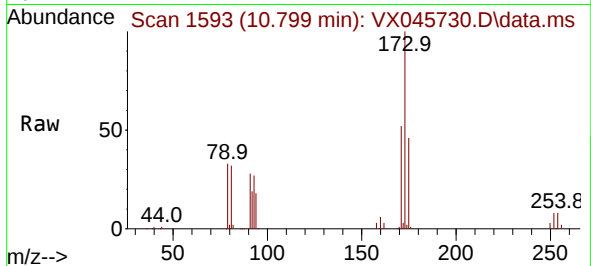
Tgt Ion:104 Resp: 175059
Ion Ratio Lower Upper
104 100
78 57.8 45.4 68.2
103 54.6 43.8 65.8





#71
Bromoform
Concen: 51.992 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

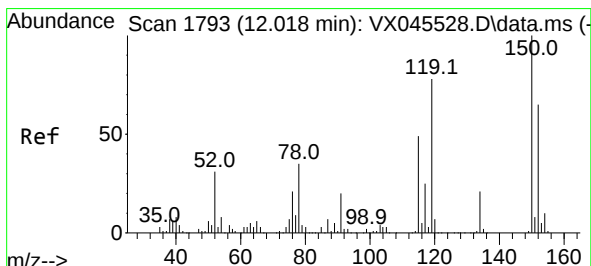
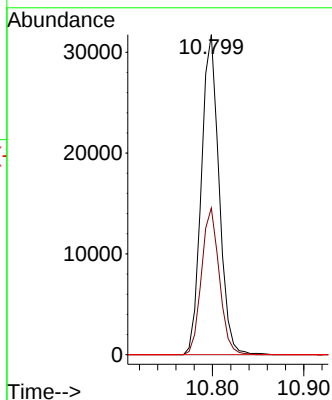
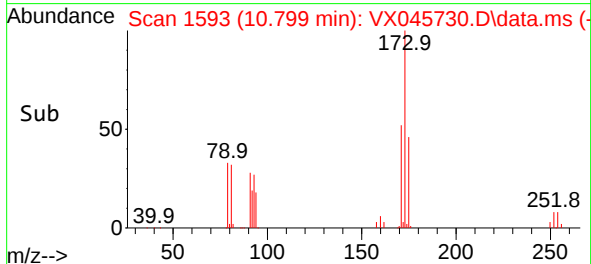
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 42549
Ion Ratio Lower Upper
173 100
175 46.1 23.4 70.2
254 0.0 0.0 0.0

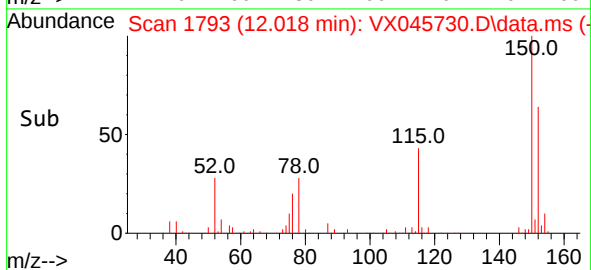
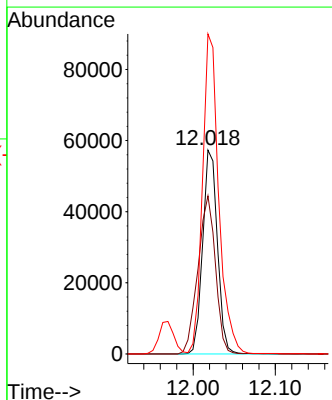
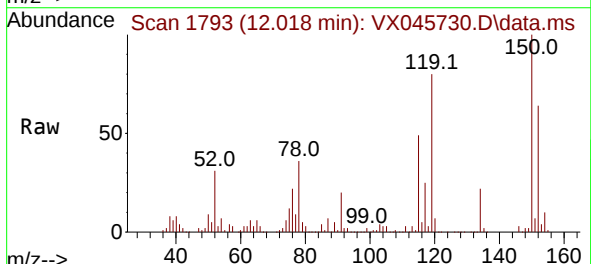
Manual Integrations
APPROVED

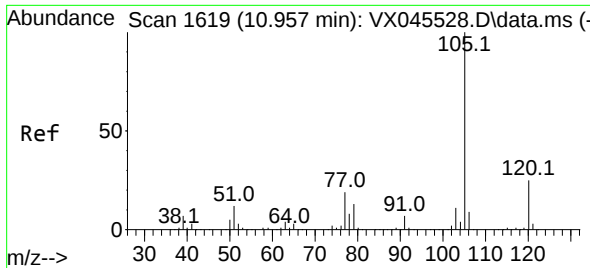
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

Tgt Ion:152 Resp: 71449
Ion Ratio Lower Upper
152 100
115 92.3 46.9 140.7
150 172.3 0.0 349.4





#73
Isopropylbenzene
Concen: 48.759 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

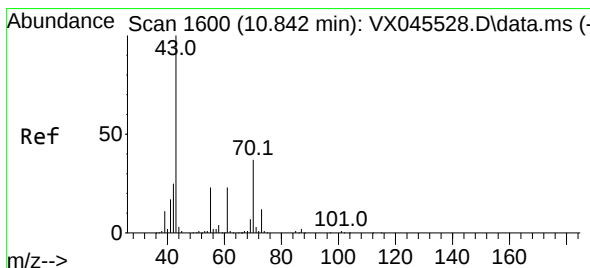
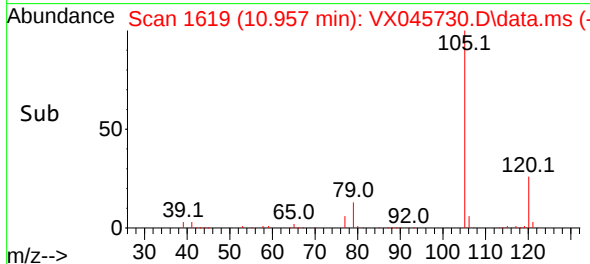
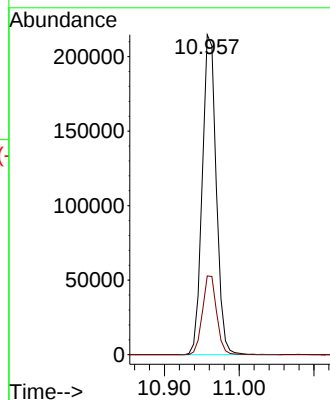
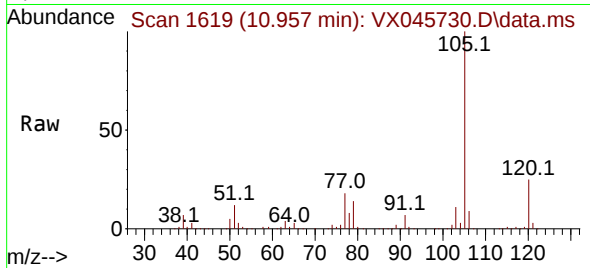
Tgt Ion:105 Resp: 27905
Ion Ratio Lower Upper
105 100
120 25.0 12.7 38.0

Manual Integrations

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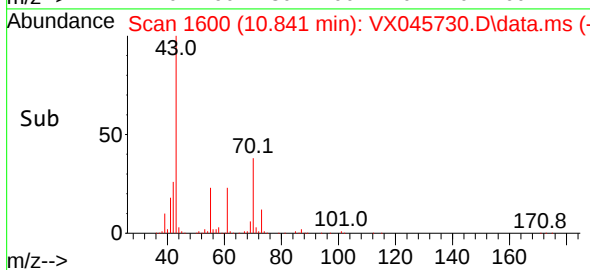
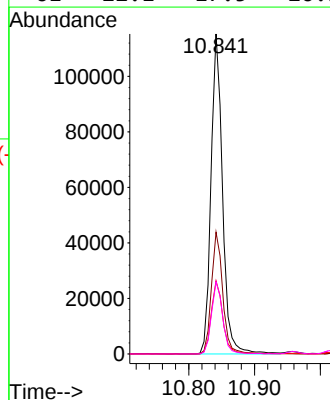
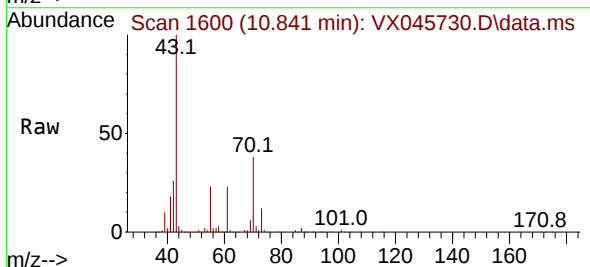
Reviewed By :John Carlone 04/14/2025

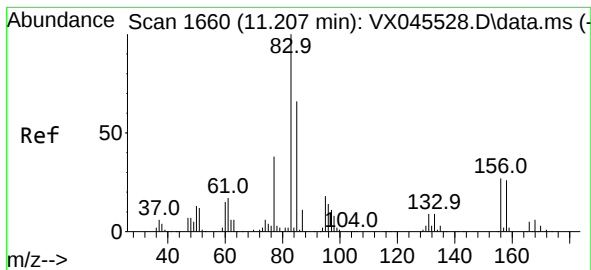
Supervised By :Mahesh Dadoda 04/14/2025



#74
N-ethyl acetate
Concen: 51.455 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

Tgt Ion: 43 Resp: 140866
Ion Ratio Lower Upper
43 100
70 37.6 30.1 45.1
55 23.1 18.3 27.5
61 22.1 17.5 26.3





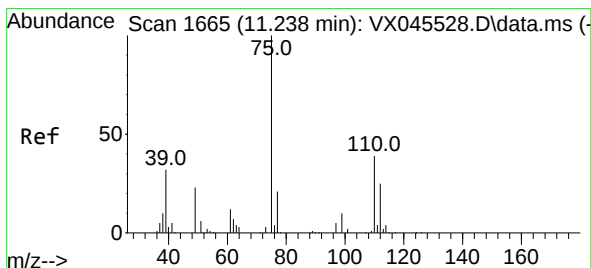
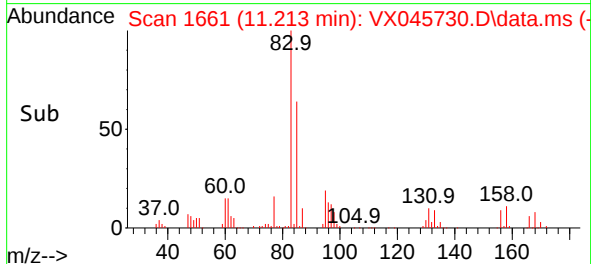
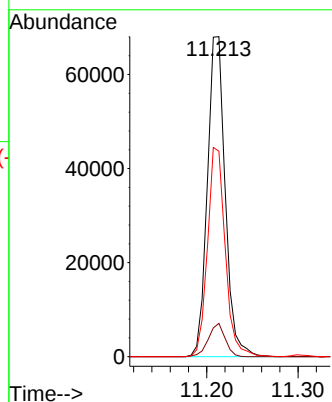
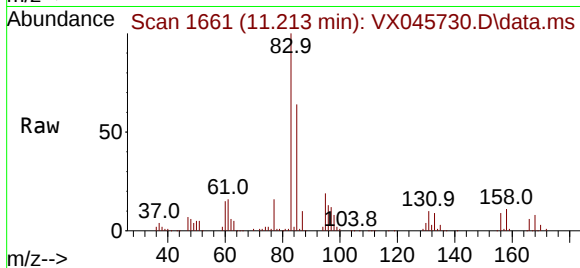
#75
 1,1,2,2-Tetrachloroethane
 Concen: 45.869 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.006 min
 Lab File: VX045730.D
 Acq: 11 Apr 2025 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 83 Resp: 92218
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.7 14.1
 85 64.9 32.4 97.2

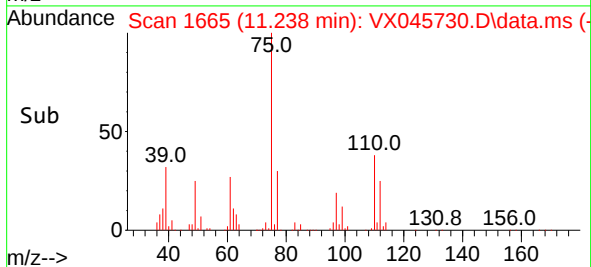
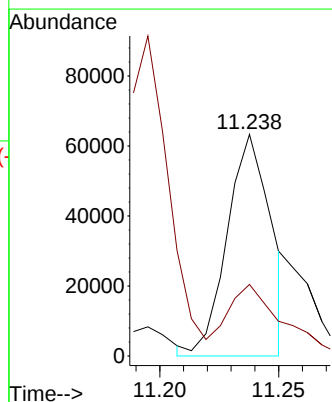
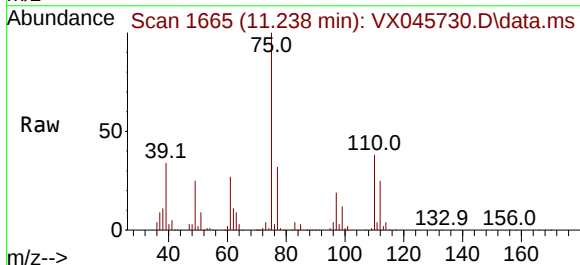
Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/14/2025
 Supervised By :Mahesh Dadoda 04/14/2025



#76
 1,2,3-Trichloropropane
 Concen: 46.318 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX045730.D
 Acq: 11 Apr 2025 10:41

Tgt Ion: 75 Resp: 80723
 Ion Ratio Lower Upper
 75 100
 77 41.0 20.0 59.9





#77

Bromobenzene

Concen: 47.589 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX045730.D

Acq: 11 Apr 2025 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

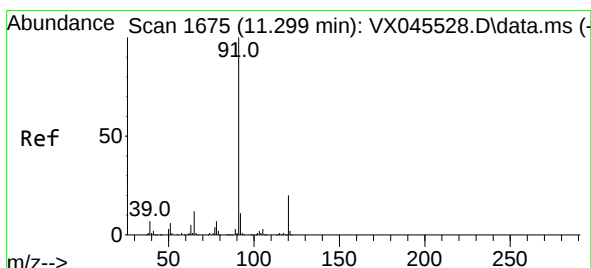
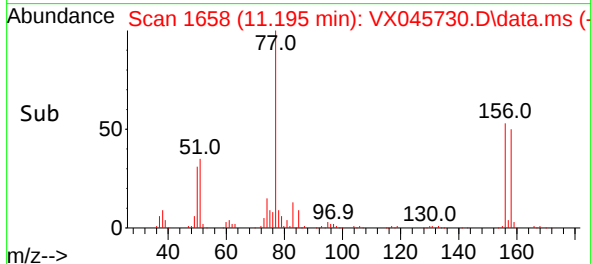
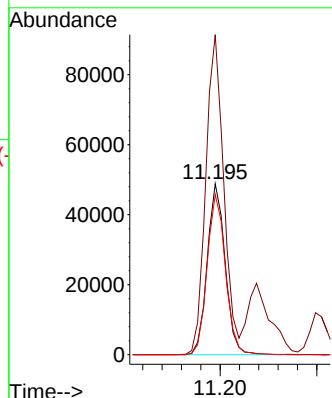
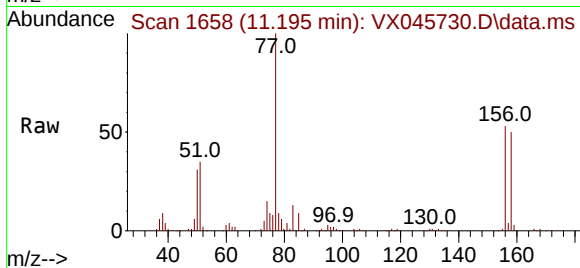
Tgt Ion:	156	Resp:	62929
Ion Ratio	Lower	Upper	
156	100		
77	187.7	92.6	277.8
158	95.8	48.1	144.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#78

n-propylbenzene

Concen: 50.027 ug/l

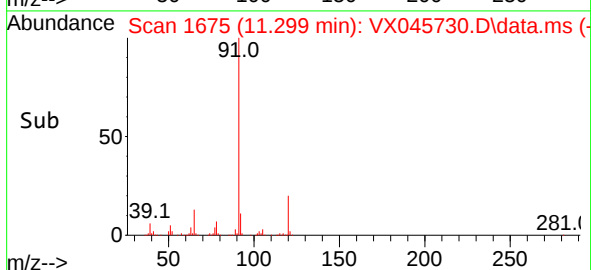
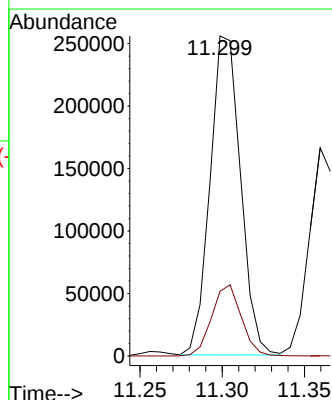
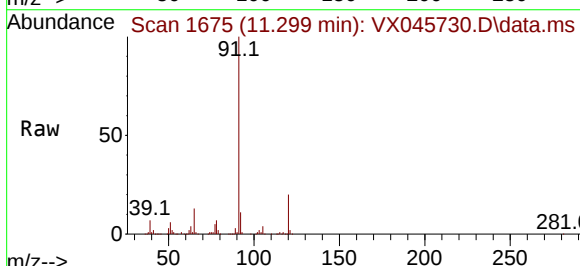
RT: 11.299 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VX045730.D

Acq: 11 Apr 2025 10:41

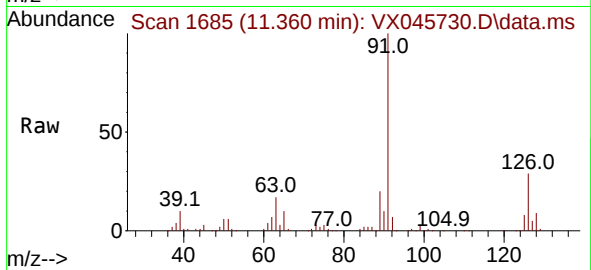
Tgt Ion:	91	Resp:	329781
Ion Ratio	Lower	Upper	
91	100		
120	21.6	10.8	32.3





#79
2-Chlorotoluene
Concen: 48.443 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

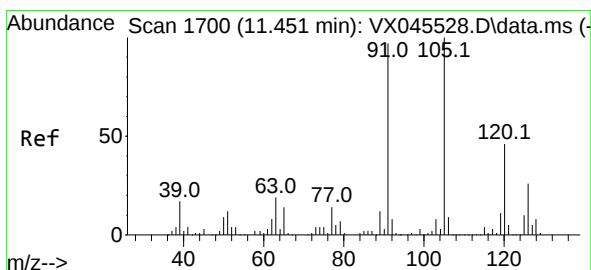
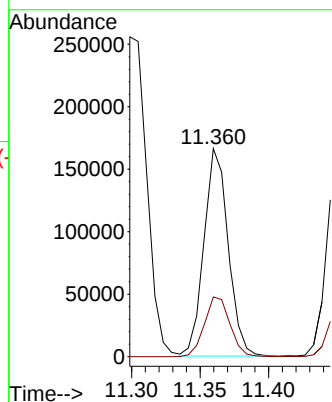
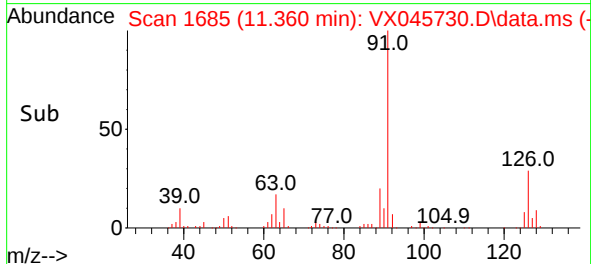
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



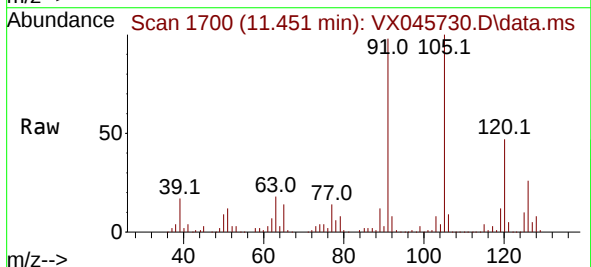
Tgt Ion: 91 Resp: 20415
Ion Ratio Lower Upper
91 100
126 30.4 15.8 47.4

Manual Integrations
APPROVED

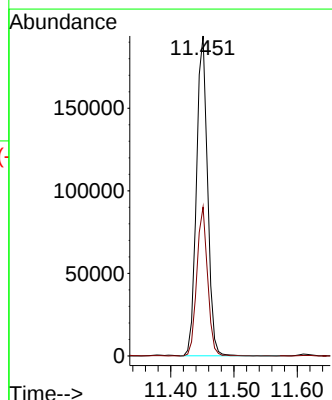
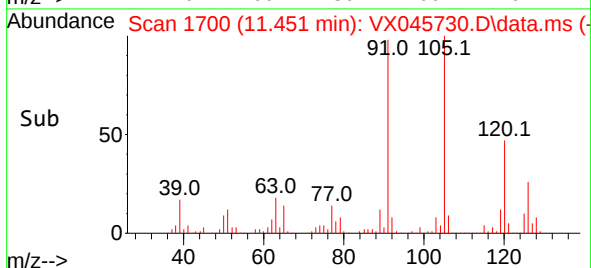
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

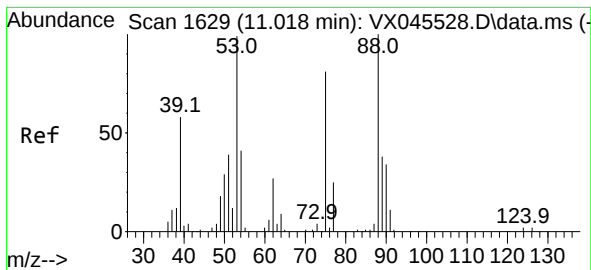


#80
1,3,5-Trimethylbenzene
Concen: 50.087 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41



Tgt Ion:105 Resp: 237040
Ion Ratio Lower Upper
105 100
120 45.2 23.0 69.0





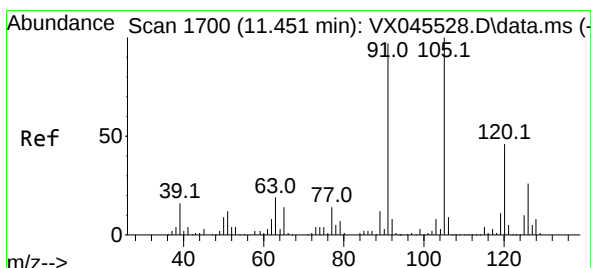
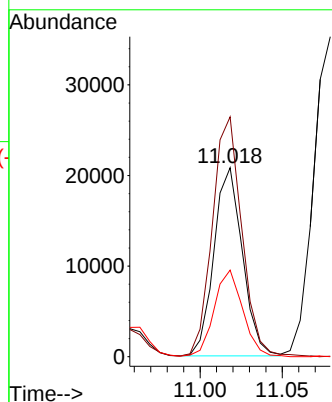
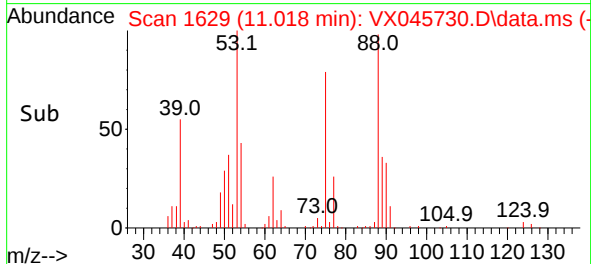
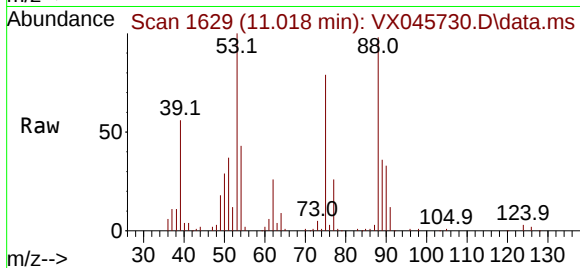
#81
trans-1,4-Dichloro-2-butene
Concen: 48.803 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 2506
Ion Ratio Lower Upper
75 100
53 131.9 101.8 152.6
89 46.2 37.2 55.8

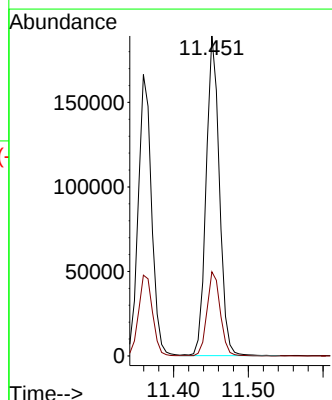
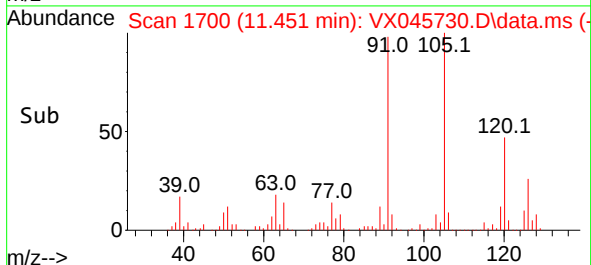
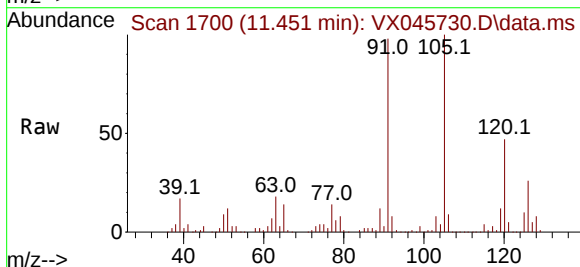
Manual Integrations
APPROVED

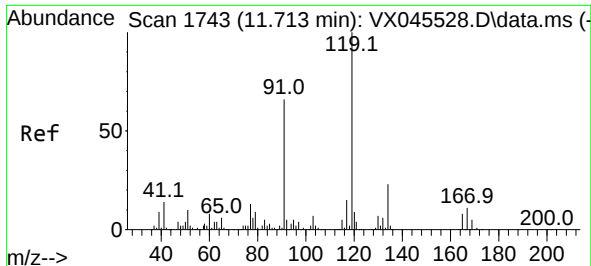
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#82
4-Chlorotoluene
Concen: 49.589 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

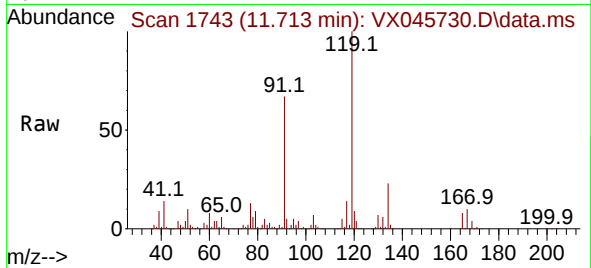
Tgt Ion: 91 Resp: 233003
Ion Ratio Lower Upper
91 100
126 26.4 13.3 39.9





#83
tert-Butylbenzene
Concen: 50.120 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

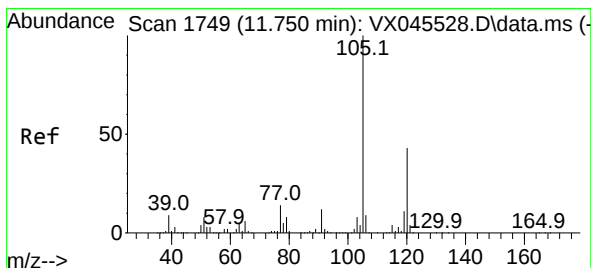
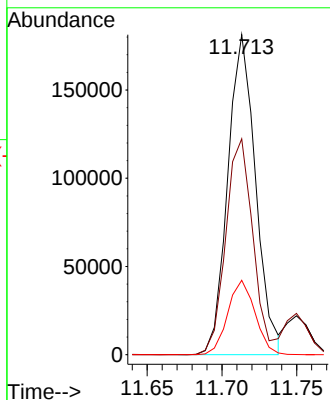
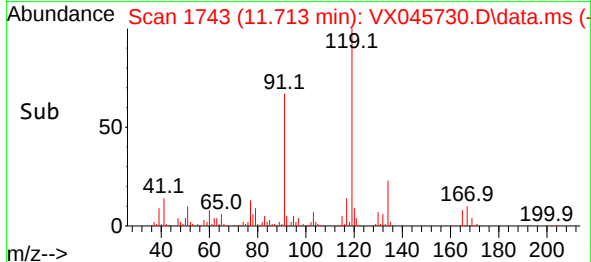
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



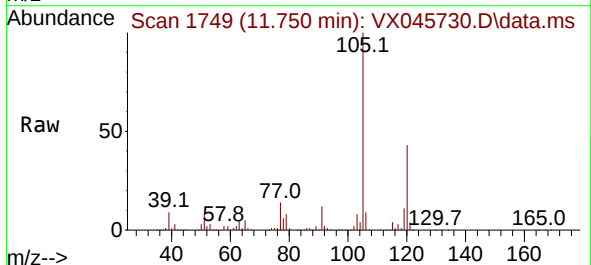
Tgt Ion:119 Resp: 23483
Ion Ratio Lower Upper
119 100
91 66.6 32.4 97.2
134 22.8 11.5 34.5

Manual Integrations
APPROVED

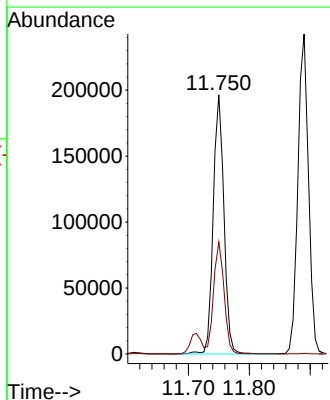
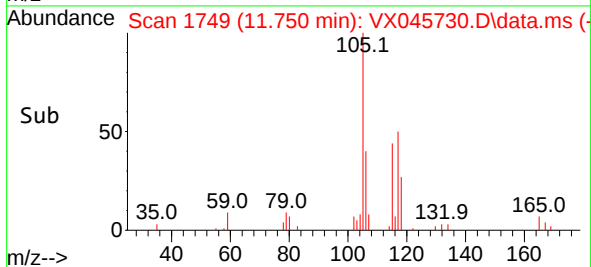
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#84
1,2,4-Trimethylbenzene
Concen: 50.423 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41



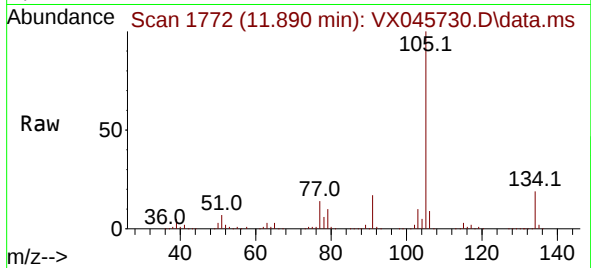
Tgt Ion:105 Resp: 239508
Ion Ratio Lower Upper
105 100
120 42.8 21.4 64.3





#85
 sec-Butylbenzene
 Concen: 51.118 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045730.D
 Acq: 11 Apr 2025 10:41

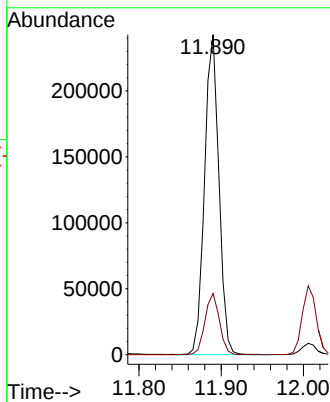
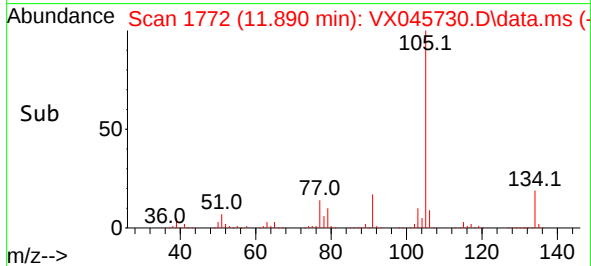
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



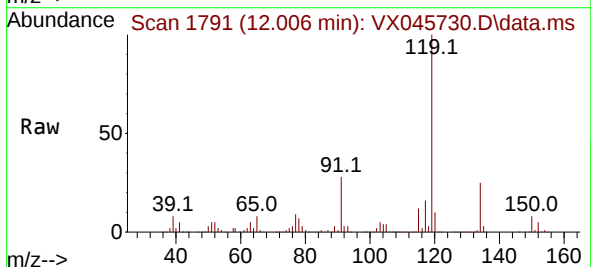
Tgt Ion:105 Resp: 29417
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.6

Manual Integrations
 APPROVED

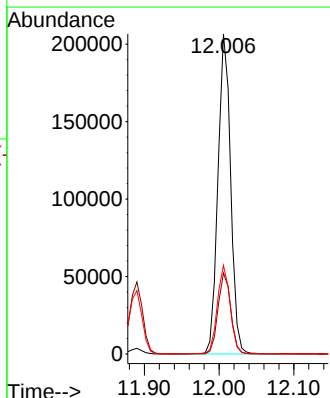
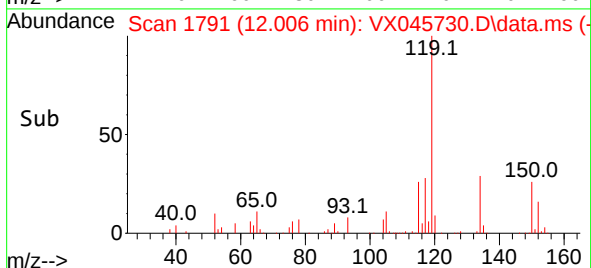
Reviewed By :John Carlone 04/14/2025
 Supervised By :Mahesh Dadoda 04/14/2025



#86
 p-Isopropyltoluene
 Concen: 51.391 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045730.D
 Acq: 11 Apr 2025 10:41



Tgt Ion:119 Resp: 243819
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 27.7 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 48.364 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX045730.D

Acq: 11 Apr 2025 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 11641

Ion Ratio Lower Upper

146 100

111 45.0 22.2 66.6

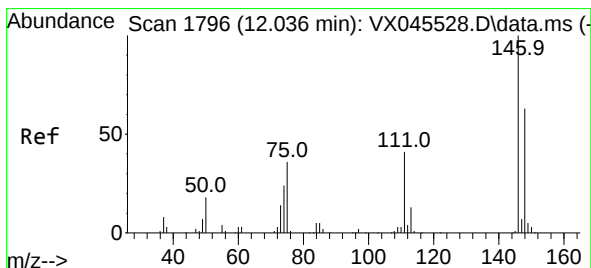
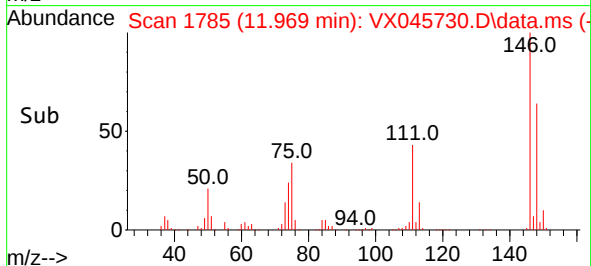
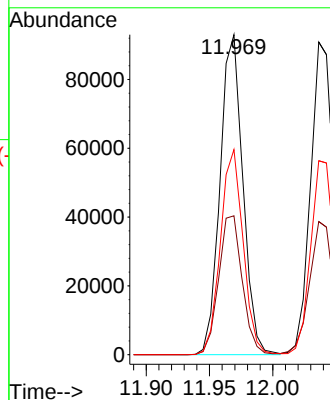
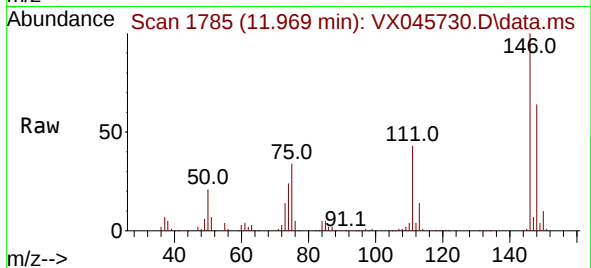
148 63.8 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#88

1,4-Dichlorobenzene

Concen: 47.866 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX045730.D

Acq: 11 Apr 2025 10:41

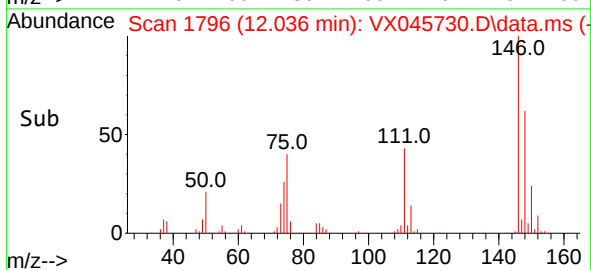
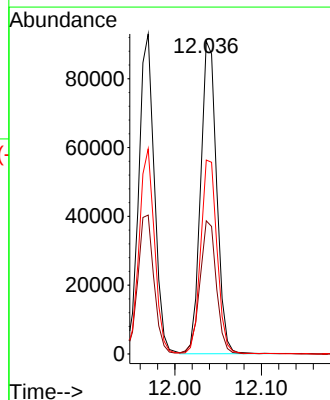
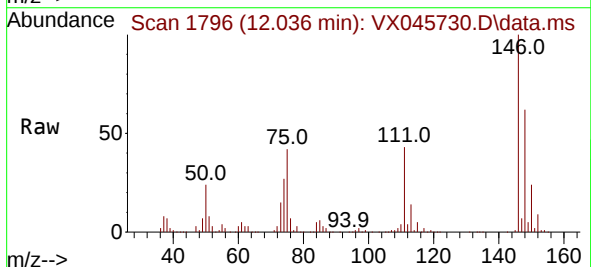
Tgt Ion:146 Resp: 116806

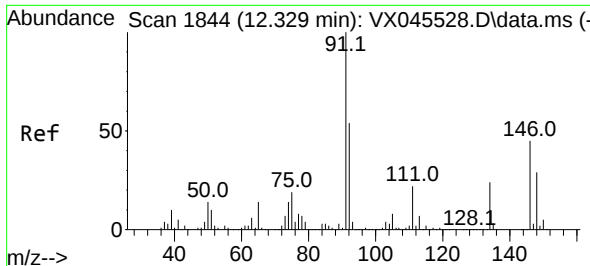
Ion Ratio Lower Upper

146 100

111 43.6 20.9 62.8

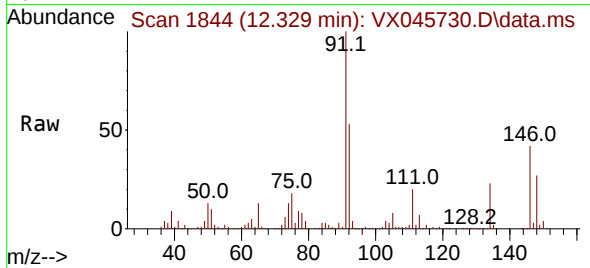
148 63.3 31.5 94.5





#89
n-Butylbenzene
Concen: 53.822 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

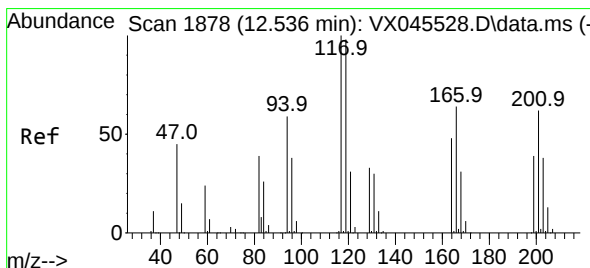
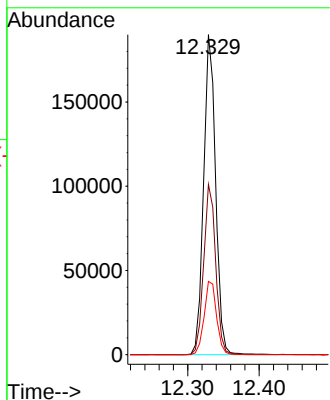
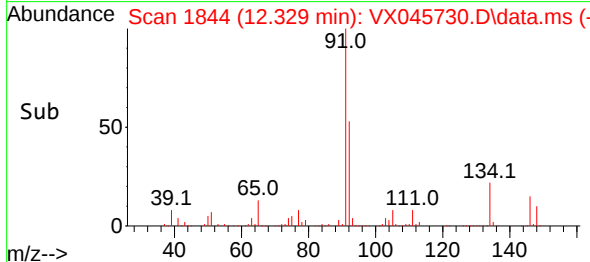
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 22143
Ion Ratio Lower Upper
91 100
92 53.6 26.9 80.6
134 23.8 11.9 35.7

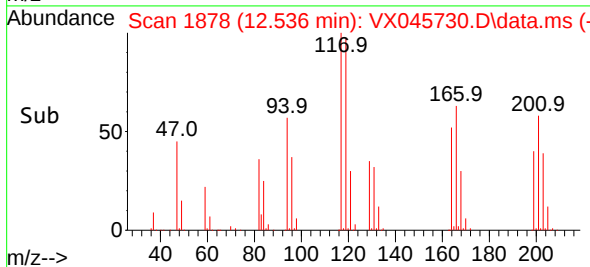
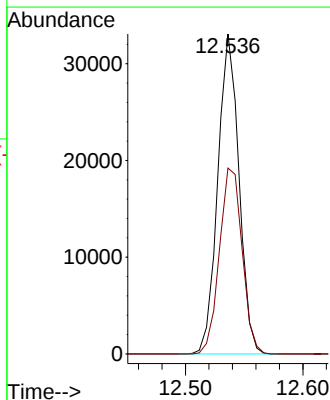
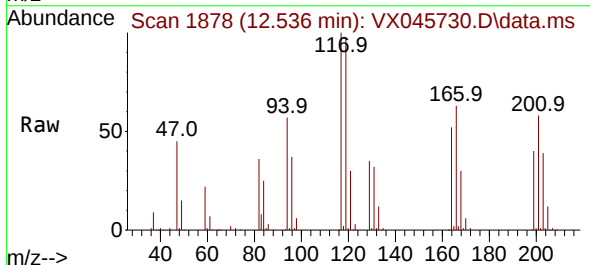
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#90
Hexachloroethane
Concen: 50.695 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

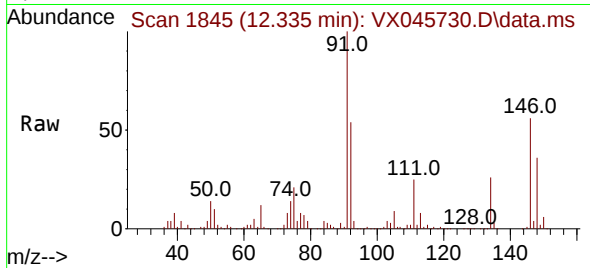
Tgt Ion:117 Resp: 41335
Ion Ratio Lower Upper
117 100
201 62.5 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 48.079 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

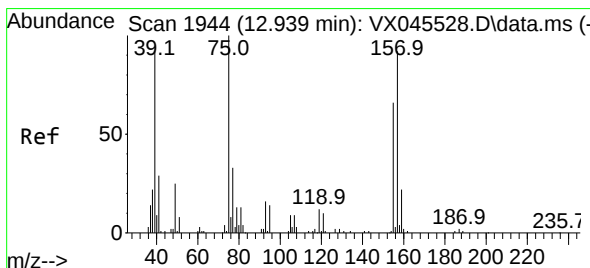
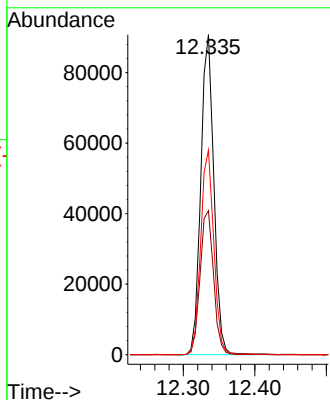
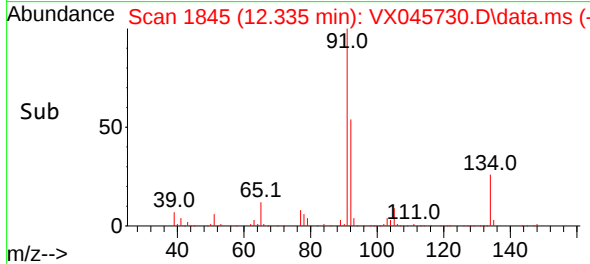
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 115059
Ion Ratio Lower Upper
146 100
111 46.5 22.9 68.8
148 64.5 31.9 95.5

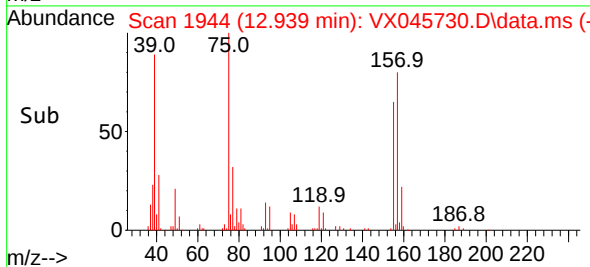
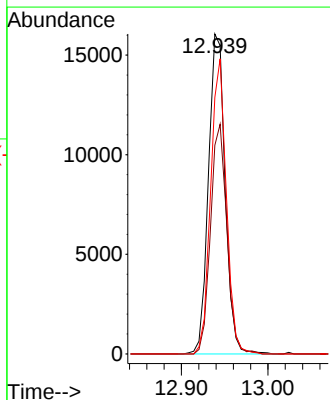
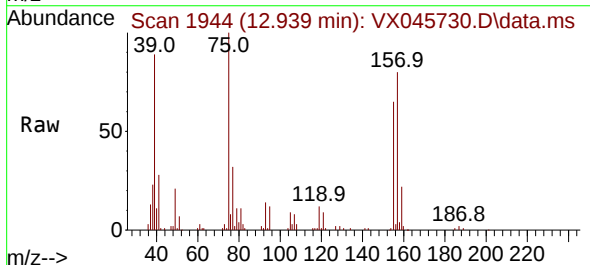
Manual Integrations
APPROVED

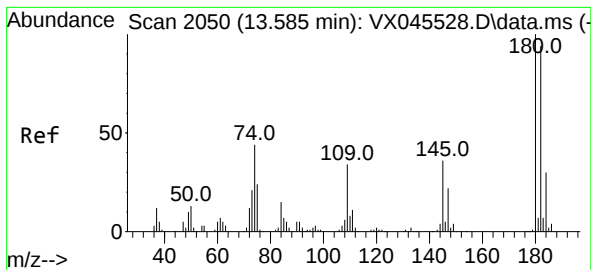
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.215 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

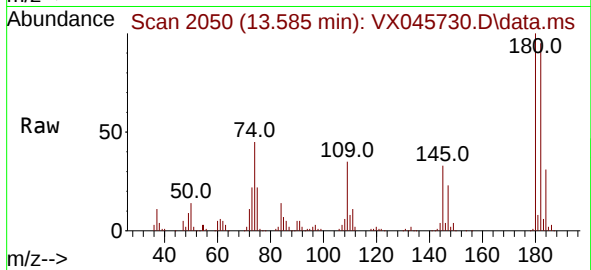
Tgt Ion: 75 Resp: 21534
Ion Ratio Lower Upper
75 100
155 70.1 34.9 104.7
157 86.5 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 51.329 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

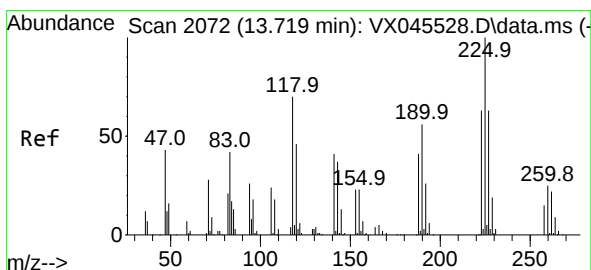
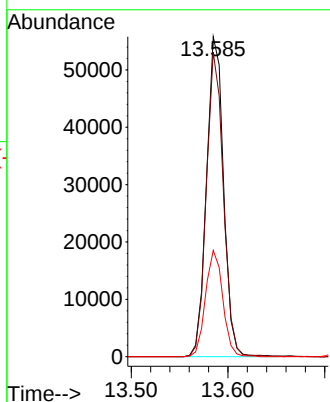
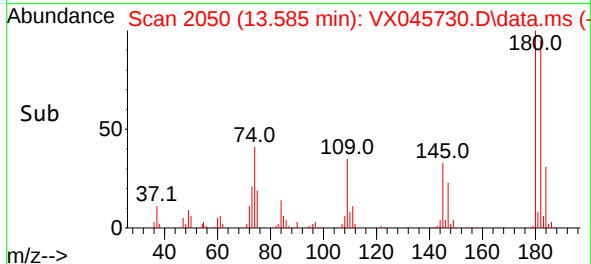
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



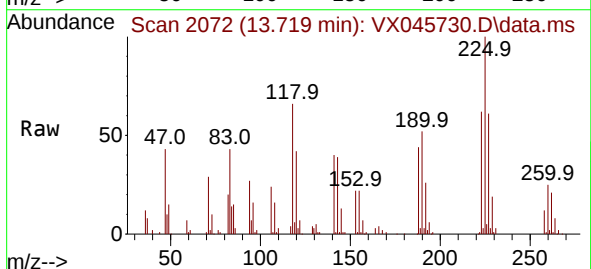
Tgt Ion:180 Resp: 68370
Ion Ratio Lower Upper
180 100
182 94.6 47.9 143.6
145 33.7 17.9 53.8

Manual Integrations
APPROVED

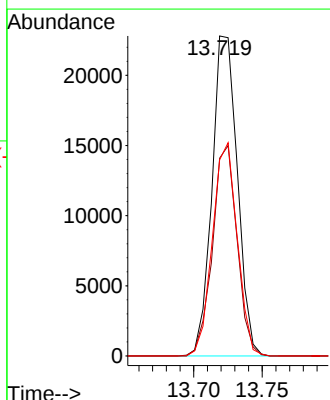
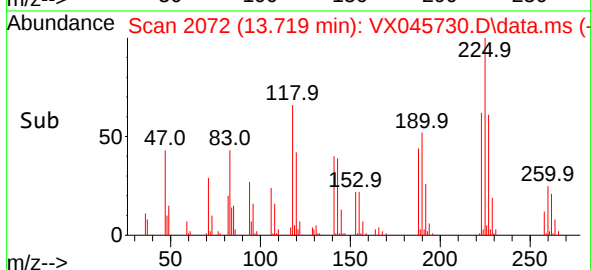
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#94
Hexachlorobutadiene
Concen: 51.144 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41



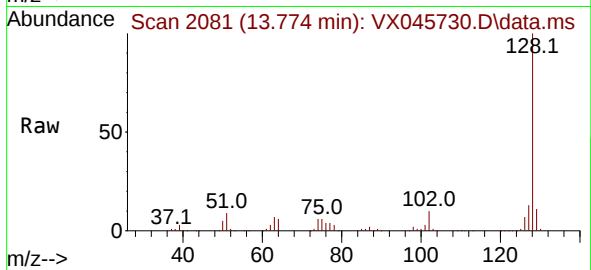
Tgt Ion:225 Resp: 29358
Ion Ratio Lower Upper
225 100
223 63.5 31.1 93.3
227 65.0 32.2 96.6





#95
Naphthalene
Concen: 50.677 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41

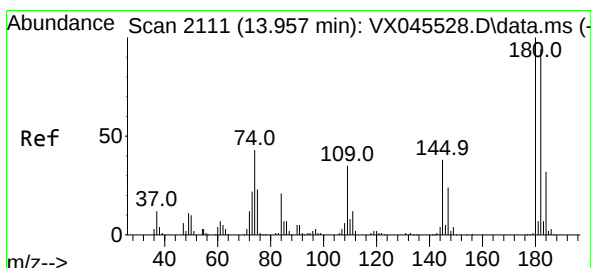
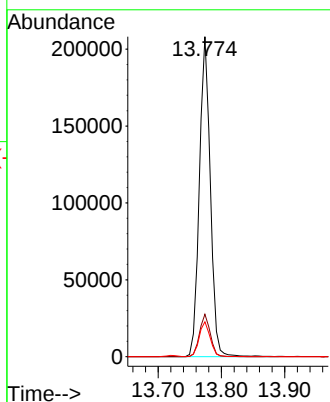
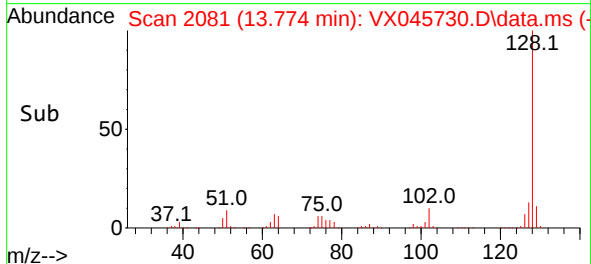
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



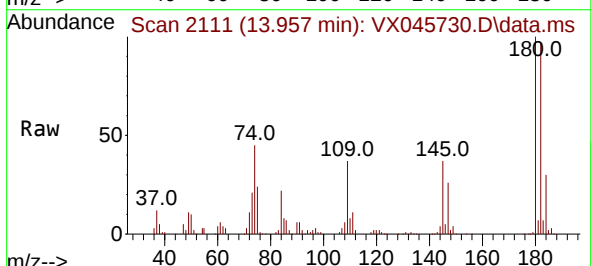
Tgt Ion:128 Resp: 251217
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.247 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045730.D
Acq: 11 Apr 2025 10:41



Tgt Ion:180 Resp: 70089
Ion Ratio Lower Upper
180 100
182 94.3 47.3 141.8
145 36.4 18.2 54.6

