

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042425\
 Data File : VX045930.D
 Acq On : 24 Apr 2025 16:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/25/2025
 Supervised By : Mahesh Dadoda 04/25/2025

Quant Time: Apr 25 02:28:08 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

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	81614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	142814	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	79471	53.247	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.500%			
35) Dibromofluoromethane	5.379	113	55429	54.703	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.400%			
50) Toluene-d8	8.647	98	183982	52.021	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.040%			
62) 4-Bromofluorobenzene	11.079	95	73858	57.332	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 114.660%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	62580	51.272	ug/l	98
3) Chloromethane	1.307	50	64541	51.472	ug/l	100
4) Vinyl Chloride	1.374	62	59474	51.828	ug/l	100
5) Bromomethane	1.593	94	27045	49.706	ug/l	98
6) Chloroethane	1.666	64	32448	53.296	ug/l	100
7) Trichlorofluoromethane	1.874	101	94275	55.094	ug/l	99
8) Diethyl Ether	2.130	74	31488	54.810	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	57925	57.769	ug/l	97
10) Methyl Iodide	2.441	142	71352	57.050	ug/l	97
11) Tert butyl alcohol	2.977	59	62970	313.938	ug/l	99
12) 1,1-Dichloroethene	2.307	96	53039	54.134	ug/l	97
13) Acrolein	2.233	56	77589	280.901	ug/l	100
14) Allyl chloride	2.654	41	105628	56.819	ug/l	100
15) Acrylonitrile	3.062	53	179176	282.986	ug/l	99
16) Acetone	2.380	43	169694	276.886	ug/l	98
17) Carbon Disulfide	2.502	76	113889	47.064	ug/l	100
18) Methyl Acetate	2.703	43	89750	63.605	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	201377	58.755	ug/l	99
20) Methylene Chloride	2.782	84	62254	54.258	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	55412	55.358	ug/l	99
22) Diisopropyl ether	3.757	45	213271	58.239	ug/l	94
23) Vinyl Acetate	3.715	43	941036	297.427	ug/l	100
24) 1,1-Dichloroethane	3.599	63	115700	55.867	ug/l	98
25) 2-Butanone	4.550	43	257283	286.791	ug/l	100
26) 2,2-Dichloropropane	4.471	77	79854	59.679	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	67638	55.464	ug/l	99
28) Bromochloromethane	4.885	49	50433	50.393	ug/l	99
29) Tetrahydrofuran	4.995	42	162188	278.853	ug/l	99
30) Chloroform	5.086	83	121199	56.875	ug/l	97
31) Cyclohexane	5.458	56	102314	55.883	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	105687	58.612	ug/l	98
36) 1,1-Dichloropropene	5.678	75	77413	56.584	ug/l	99
37) Ethyl Acetate	4.709	43	96261	55.833	ug/l	99
38) Carbon Tetrachloride	5.666	117	88887	60.116	ug/l	98
39) Methylcyclohexane	7.373	83	98688	58.847	ug/l	93
40) Benzene	6.031	78	234275	56.069	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	54132	59.506	ug/l	98
42) 1,2-Dichloroethane	6.080	62	102405	59.339	ug/l	99
43) Isopropyl Acetate	6.342	43	157814	60.393	ug/l	100
44) Trichloroethene	7.117	130	55509	55.893	ug/l	94
45) 1,2-Dichloropropane	7.421	63	59778	57.339	ug/l	95
46) Dibromomethane	7.574	93	46085	57.585	ug/l	98
47) Bromodichloromethane	7.812	83	92730	58.020	ug/l	99
48) Methyl methacrylate	7.690	41	81862	60.675	ug/l	99
49) 1,4-Dioxane	7.659	88	25905	1061.223	ug/l	97
51) 4-Methyl-2-Pentanone	8.568	43	523875	302.420	ug/l	100
52) Toluene	8.714	92	146011	57.750	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	84605	54.816	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	93630	62.341	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	57731	57.301	ug/l	96
56) Ethyl methacrylate	9.116	69	99088	63.549	ug/l	99
57) 1,3-Dichloropropane	9.305	76	101864	58.061	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	232155	294.325	ug/l	99
59) 2-Hexanone	9.427	43	386909	301.614	ug/l	100
60) Dibromochloromethane	9.519	129	65823	59.928	ug/l	98
61) 1,2-Dibromoethane	9.604	107	60312	59.135	ug/l	99
64) Tetrachloroethene	9.269	164	48693	54.666	ug/l	97
65) Chlorobenzene	10.073	112	156145	57.920	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	54529	58.260	ug/l	99
67) Ethyl Benzene	10.189	91	287823	59.611	ug/l	100
68) m/p-Xylenes	10.299	106	209381	119.230	ug/l	99
69) o-Xylene	10.640	106	103422	59.784	ug/l	99
70) Styrene	10.653	104	175204	61.362	ug/l	99
71) Bromoform	10.799	173	41379	59.210	ug/l #	98
73) Isopropylbenzene	10.957	105	276006	56.588	ug/l	99
74) N-amyl acetate	10.842	43	139571	59.822	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	90538	52.842	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	79407m	53.463	ug/l	
77) Bromobenzene	11.195	156	61198	54.304	ug/l	98
78) n-propylbenzene	11.299	91	325870	58.005	ug/l	100
79) 2-Chlorotoluene	11.360	91	201143	56.005	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	237172	58.805	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	23725	54.212	ug/l	97
82) 4-Chlorotoluene	11.451	91	232896	58.160	ug/l	100
83) tert-Butylbenzene	11.713	119	232090	58.124	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	238900	59.016	ug/l	99
85) sec-Butylbenzene	11.890	105	294145	59.976	ug/l	100
86) p-Isopropyltoluene	12.006	119	243887	60.318	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	115184	56.149	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	114977	55.286	ug/l	98
89) n-Butylbenzene	12.329	91	218213	62.236	ug/l	100
90) Hexachloroethane	12.536	117	41387	59.560	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	112207	55.017	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21117	58.932	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	66578	58.646	ug/l	98
94) Hexachlorobutadiene	13.725	225	27451	56.114	ug/l	97
95) Naphthalene	13.774	128	244893	57.967	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	67445	56.736	ug/l	100

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

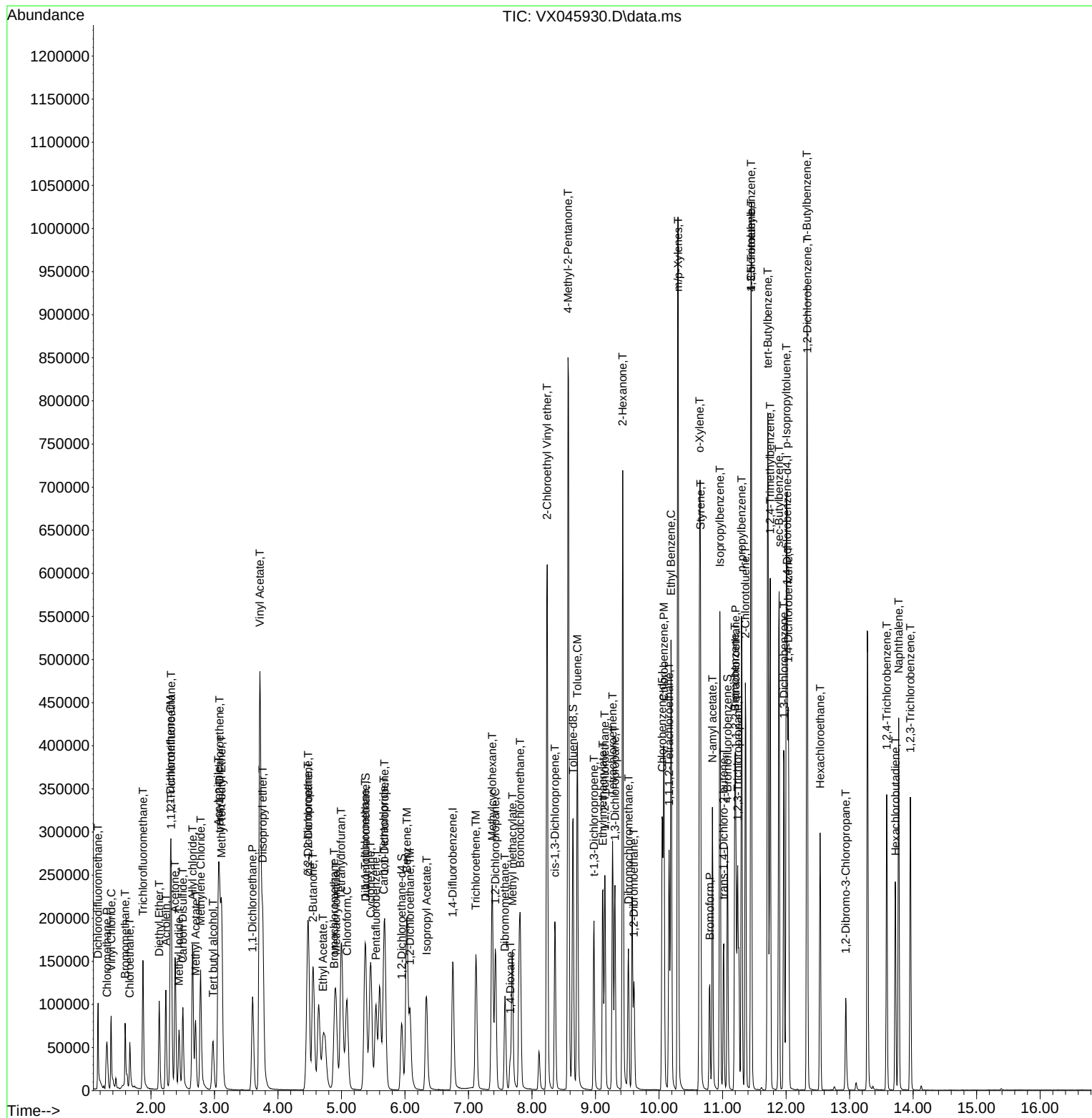
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042425\
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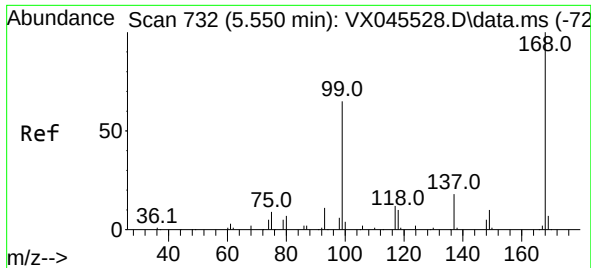
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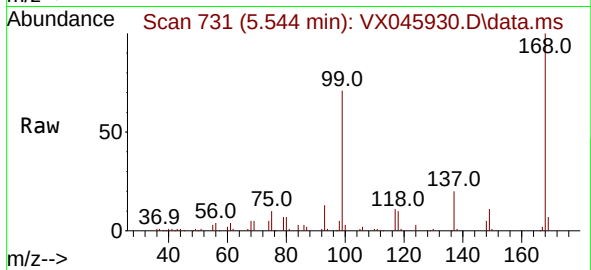
Reviewed By : John Carlone 04/25/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045930.D
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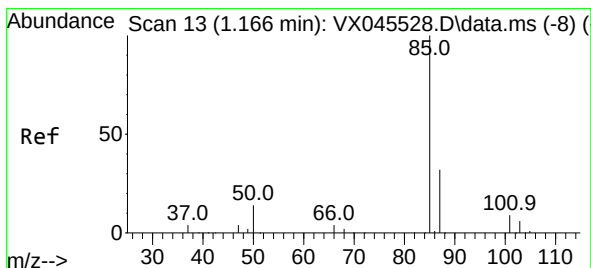
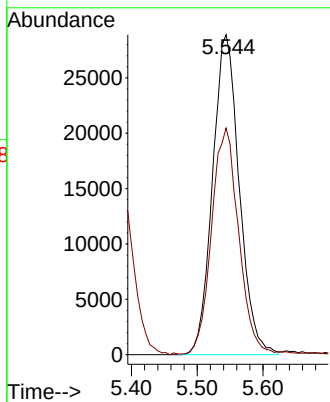
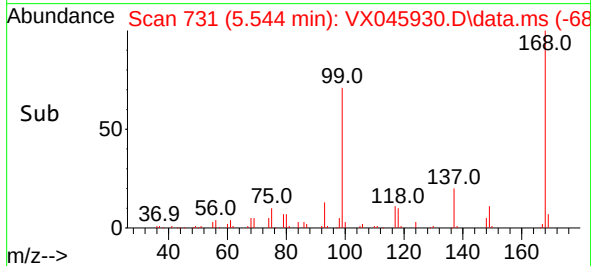
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 81614
Ion Ratio Lower Upper
168 100
99 70.6 52.3 78.5

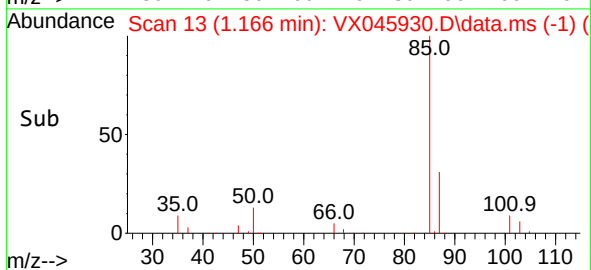
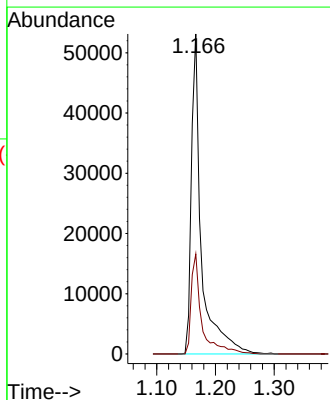
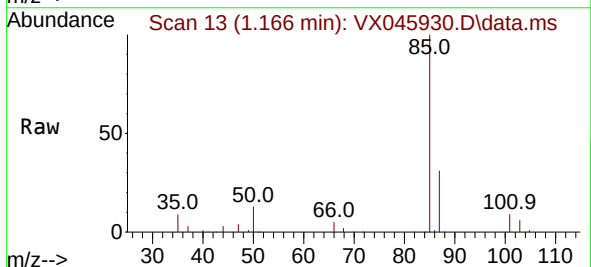
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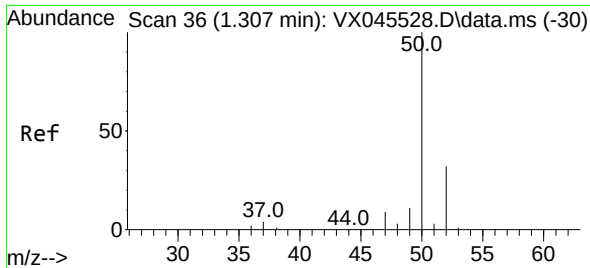
Reviewed By :John Carlone 04/25/2025
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#2
Dichlorodifluoromethane
Concen: 51.272 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

Tgt Ion: 85 Resp: 62580
Ion Ratio Lower Upper
85 100
87 31.3 16.1 48.2





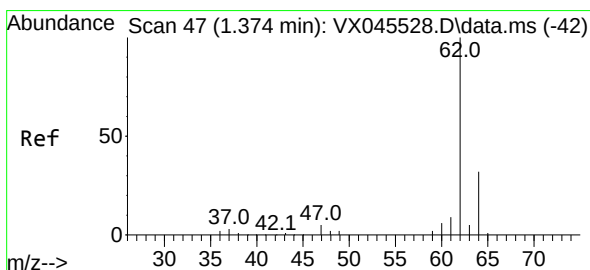
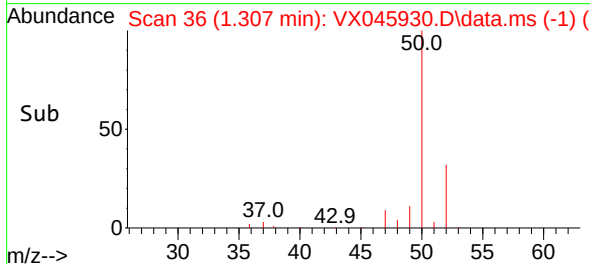
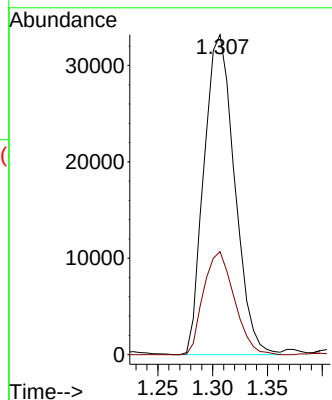
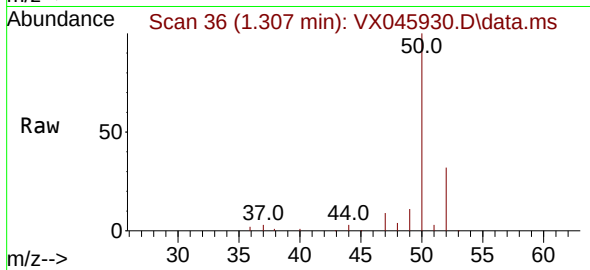
#3
Chloromethane
Concen: 51.472 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

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Tgt Ion: 50 Resp: 6454
Ion Ratio Lower Upper
50 100
52 32.2 25.9 38.9

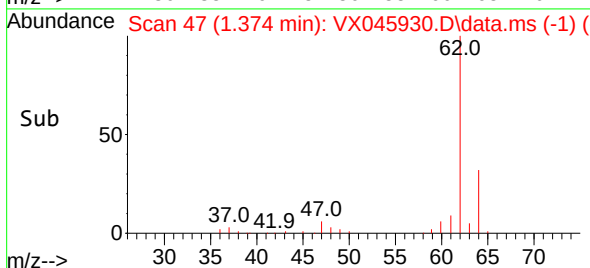
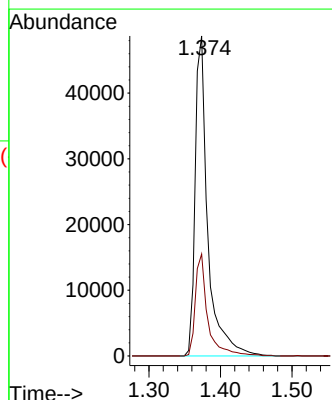
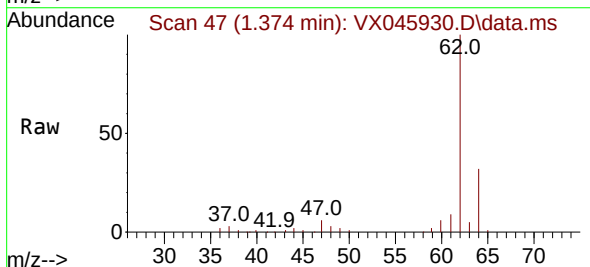
Manual Integrations
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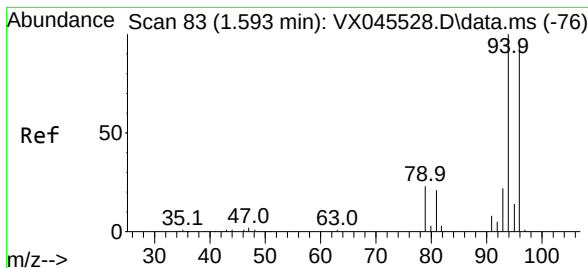
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#4
Vinyl Chloride
Concen: 51.828 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

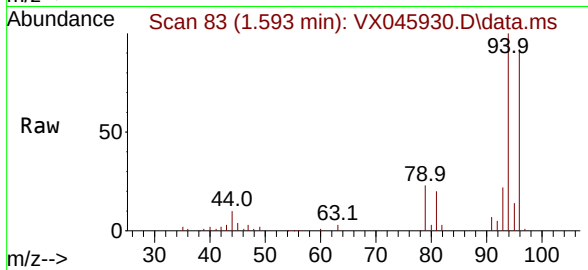
Tgt Ion: 62 Resp: 59474
Ion Ratio Lower Upper
62 100
64 31.9 25.5 38.3





#5
Bromomethane
Concen: 49.706 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX045930.D
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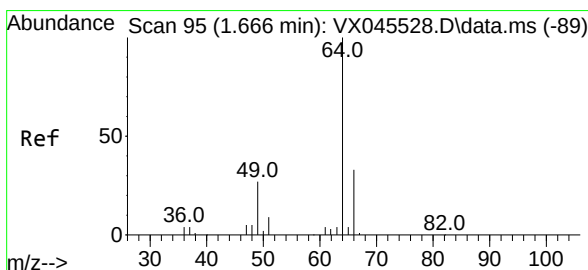
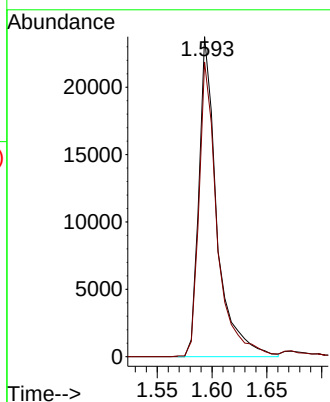
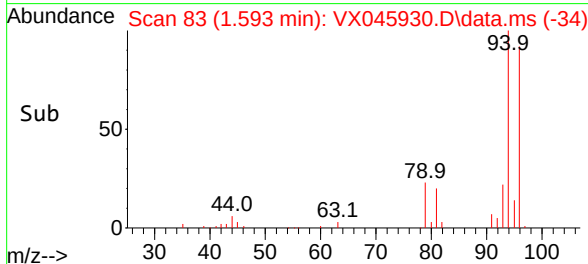
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Tgt Ion: 94 Resp: 27049
Ion Ratio Lower Upper
94 100
96 91.9 74.8 112.2

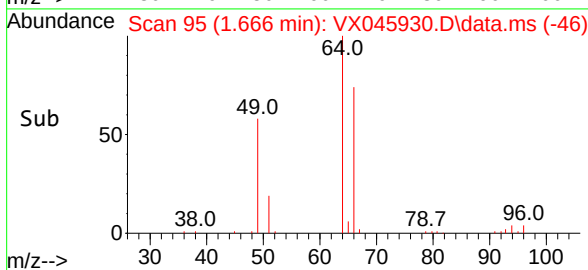
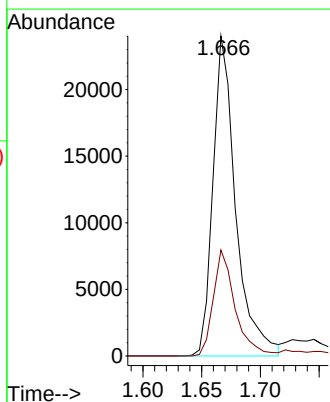
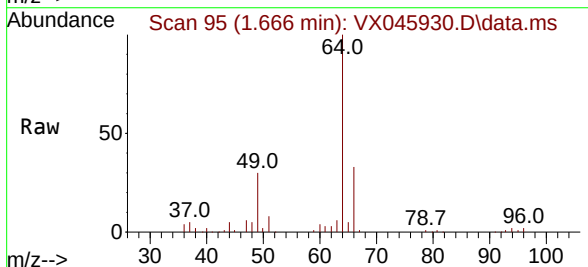
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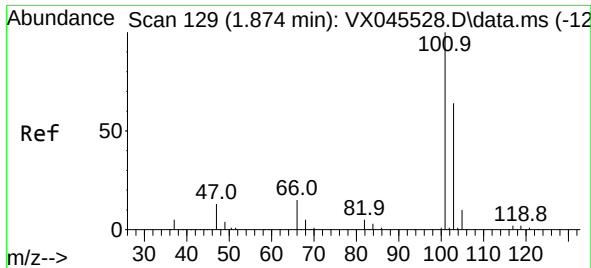
Reviewed By :John Carlone 04/25/2025
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#6
Chloroethane
Concen: 53.296 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

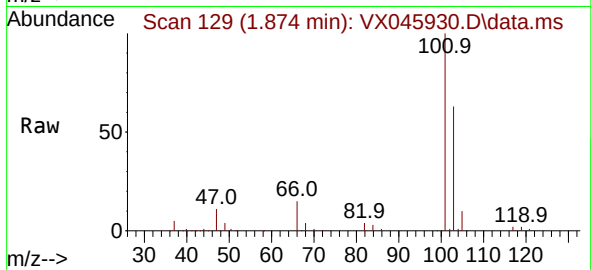
Tgt Ion: 64 Resp: 32448
Ion Ratio Lower Upper
64 100
66 33.1 26.3 39.5





#7
Trichlorofluoromethane
Concen: 55.094 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

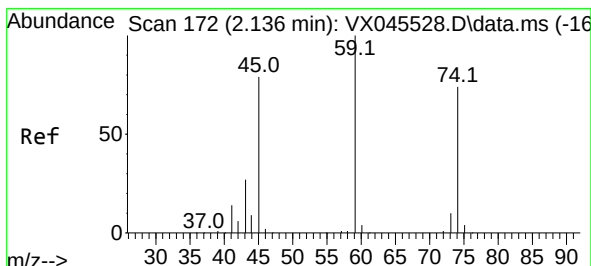
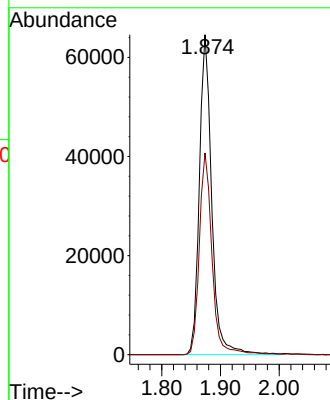
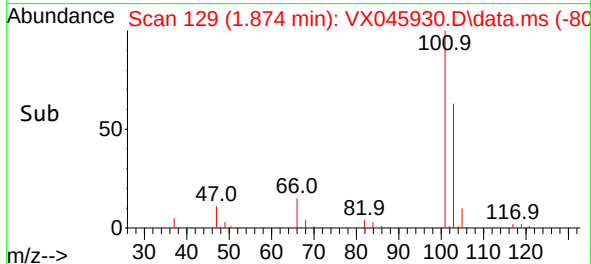
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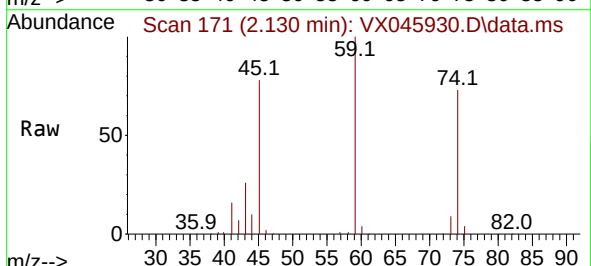
Tgt Ion:101 Resp: 94275
Ion Ratio Lower Upper
101 100
103 63.0 51.1 76.7

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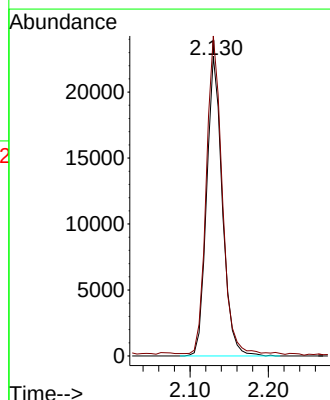
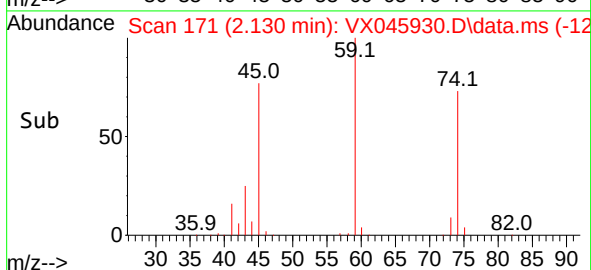
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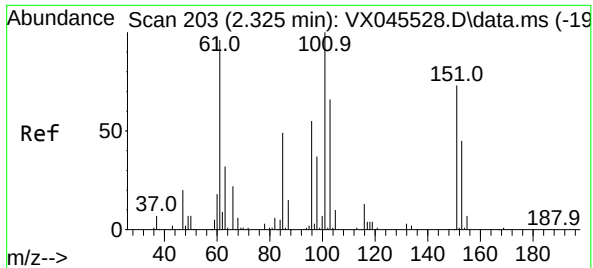


#8
Diethyl Ether
Concen: 54.810 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27



Tgt Ion: 74 Resp: 31488
Ion Ratio Lower Upper
74 100
45 107.7 53.0 159.1





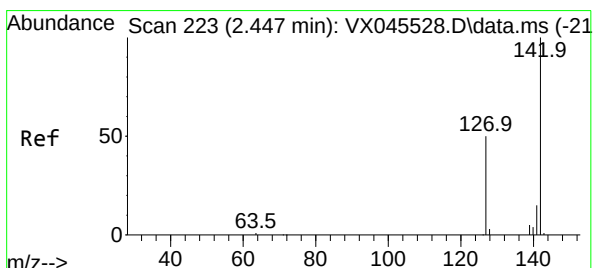
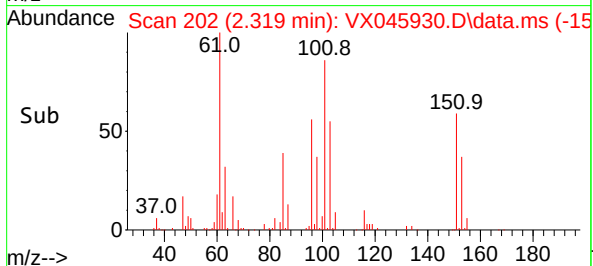
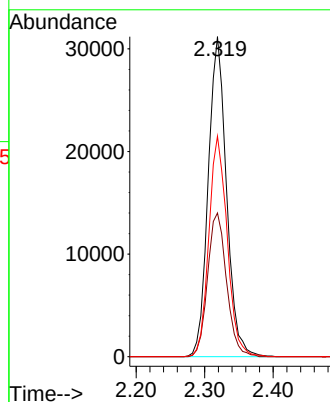
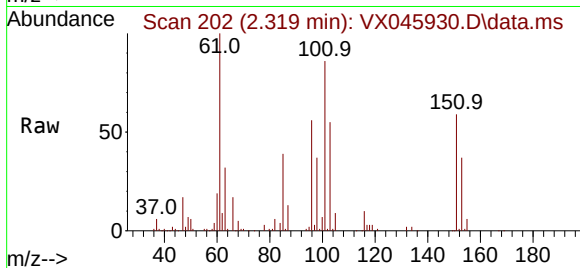
#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.769 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 57925
Ion Ratio Lower Upper
101 100
85 46.6 38.9 58.3
151 69.1 57.5 86.3

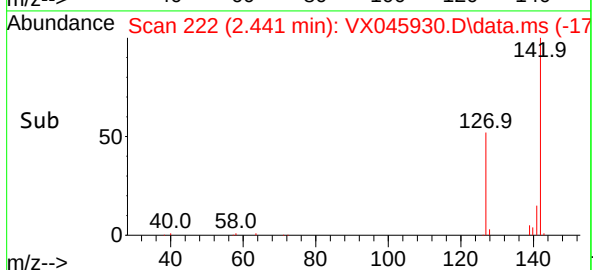
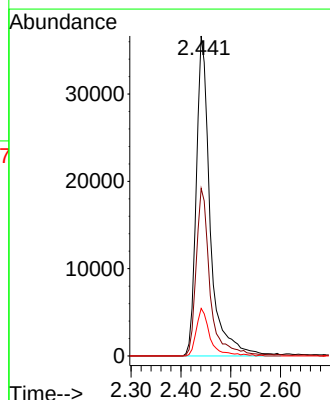
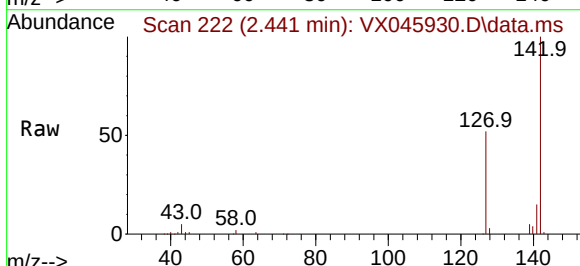
Manual Integrations
APPROVED

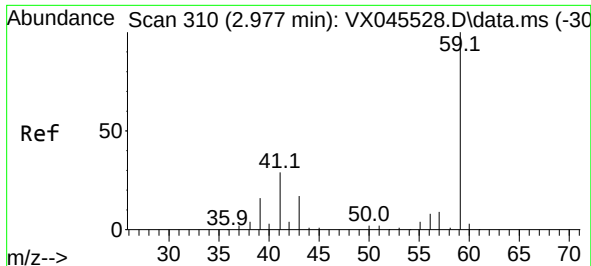
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#10
Methyl Iodide
Concen: 57.050 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

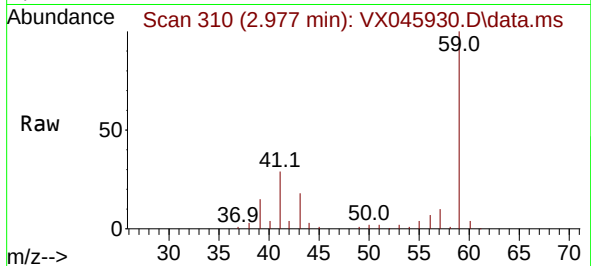
Tgt Ion:142 Resp: 71352
Ion Ratio Lower Upper
142 100
127 52.5 40.2 60.4
141 14.7 11.7 17.5





#11
Tert butyl alcohol
Concen: 313.938 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

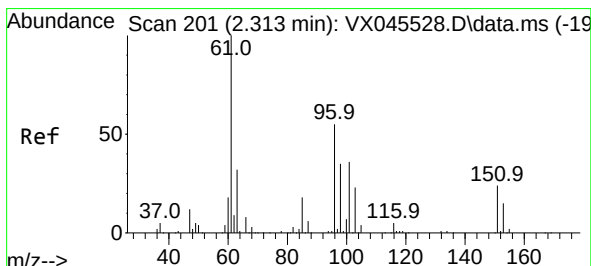
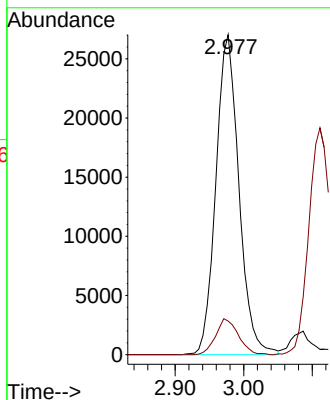
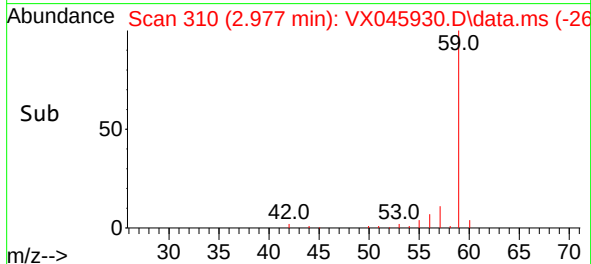
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 62970
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8

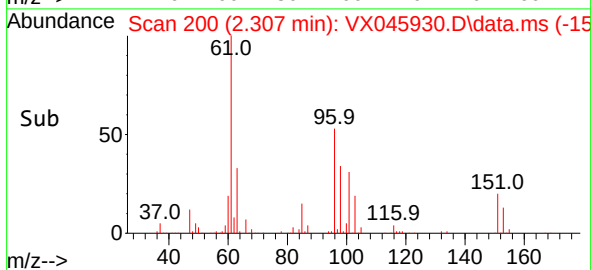
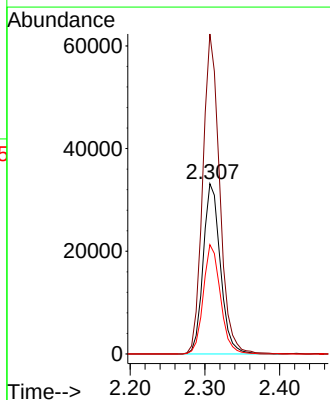
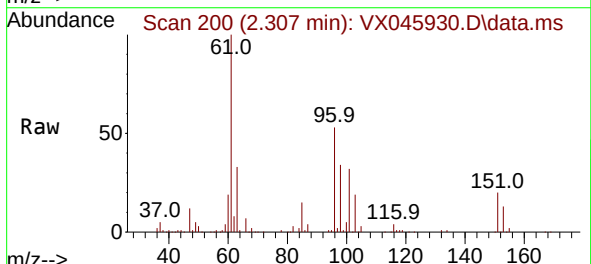
Manual Integrations
APPROVED

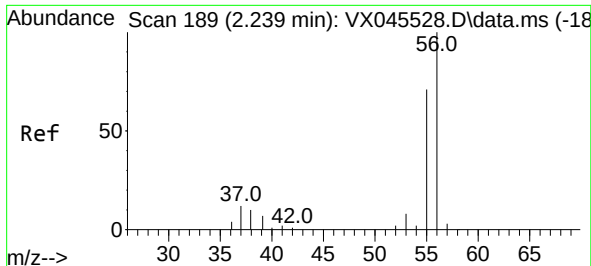
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#12
1,1-Dichloroethene
Concen: 54.134 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

Tgt Ion: 96 Resp: 53039
Ion Ratio Lower Upper
96 100
61 188.0 145.7 218.5
98 64.2 51.6 77.4





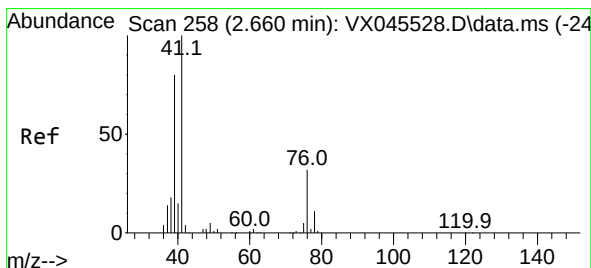
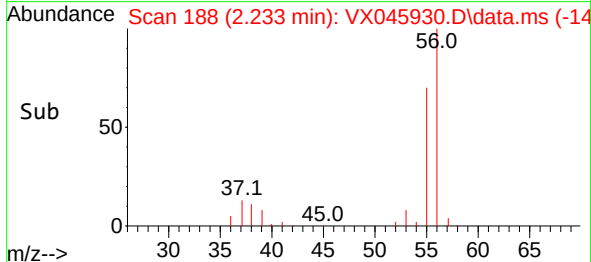
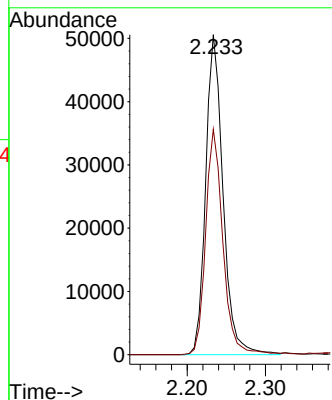
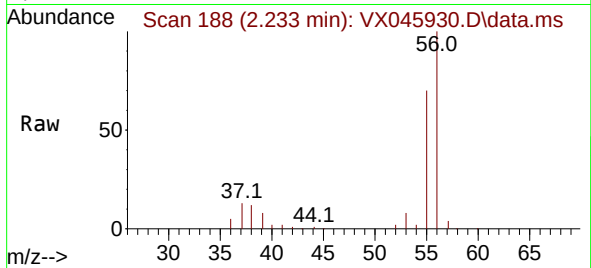
#13
Acrolein
Concen: 280.901 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 77589
Ion Ratio Lower Upper
56 100
55 70.4 56.2 84.2

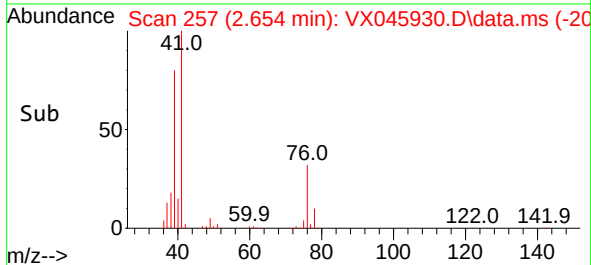
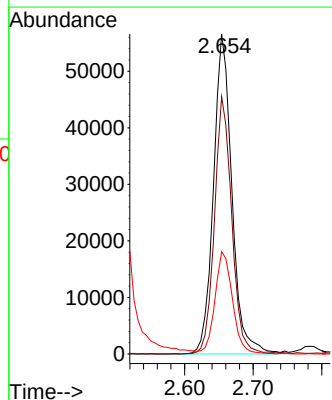
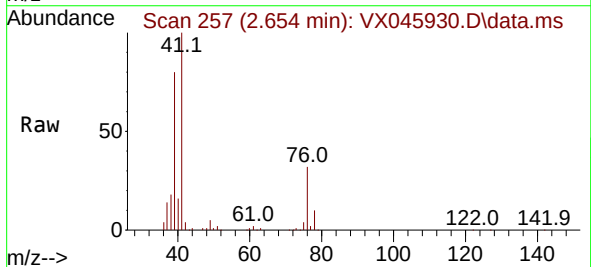
Manual Integrations
APPROVED

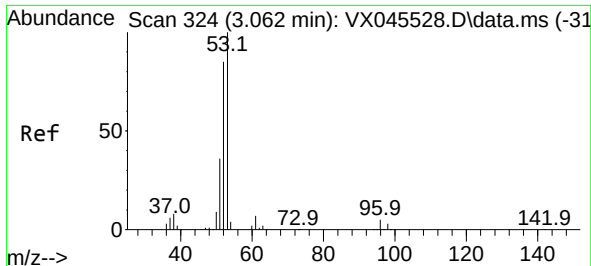
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#14
Allyl chloride
Concen: 56.819 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

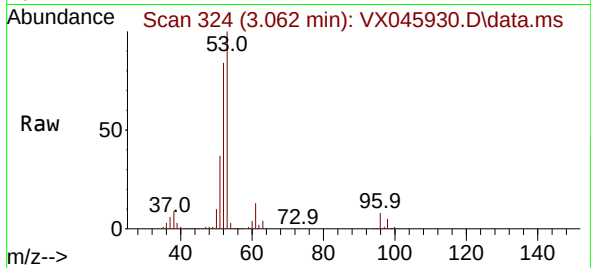
Tgt Ion: 41 Resp: 105628
Ion Ratio Lower Upper
41 100
39 75.6 60.2 90.2
76 30.5 24.6 36.8





#15
Acrylonitrile
Concen: 282.986 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

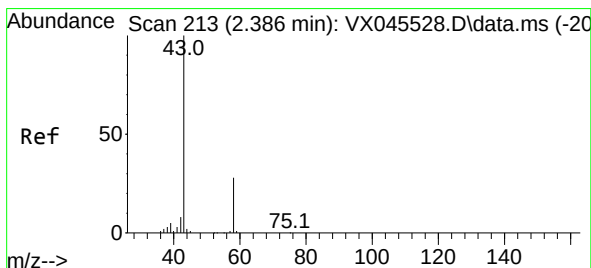
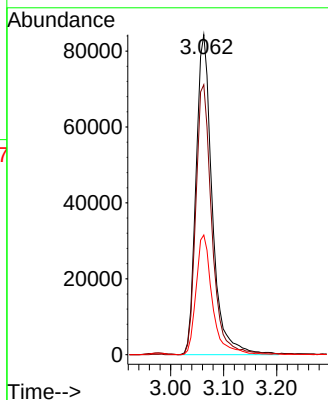
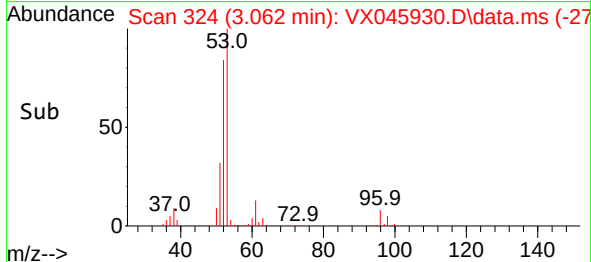
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 179170
Ion Ratio Lower Upper
53 100
52 83.6 67.4 101.2
51 37.7 29.9 44.9

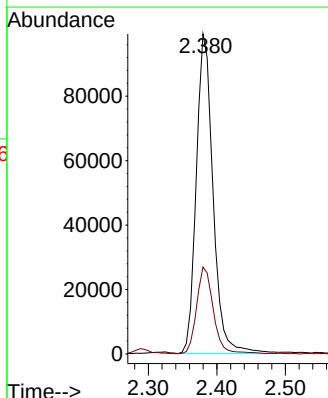
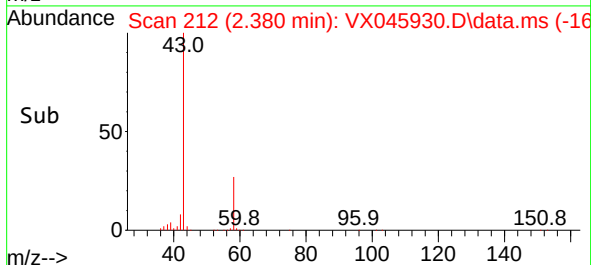
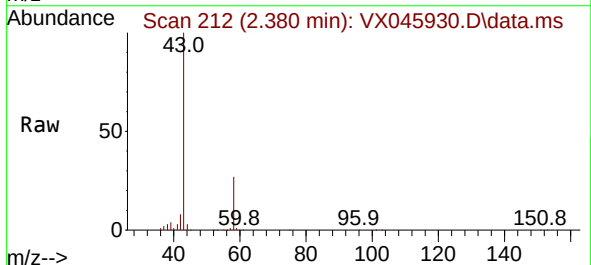
Manual Integrations
APPROVED

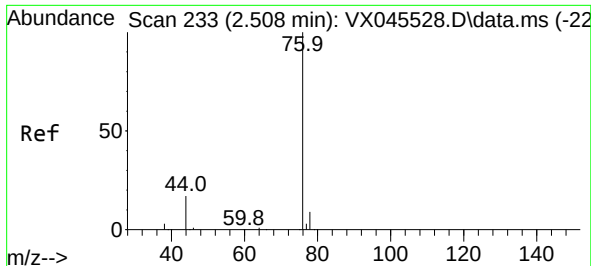
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#16
Acetone
Concen: 276.886 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

Tgt Ion: 43 Resp: 169694
Ion Ratio Lower Upper
43 100
58 27.1 22.3 33.5





#17

Carbon Disulfide

Concen: 47.064 ug/l

RT: 2.502 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX045930.D

Acq: 24 Apr 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 113889

Ion Ratio Lower Upper

76 100

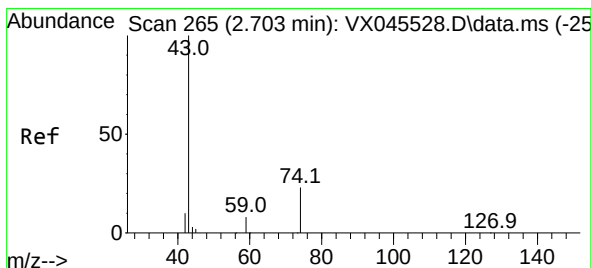
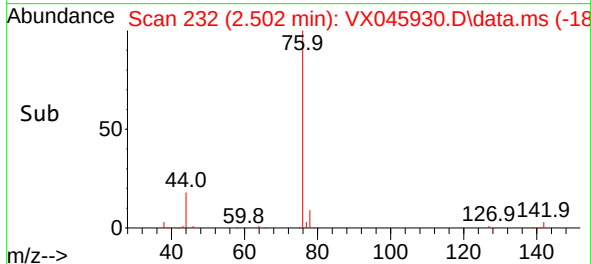
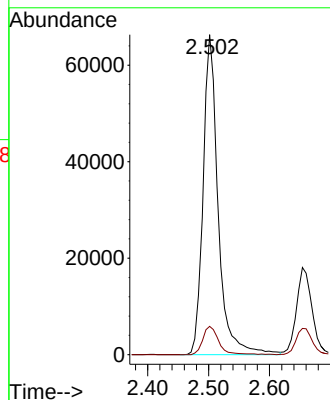
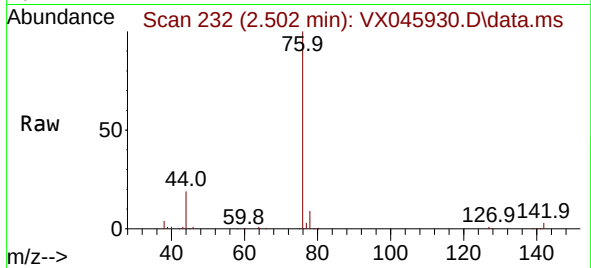
78 8.8 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2025

Supervised By :Mahesh Dadoda 04/25/2025



#18

Methyl Acetate

Concen: 63.605 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX045930.D

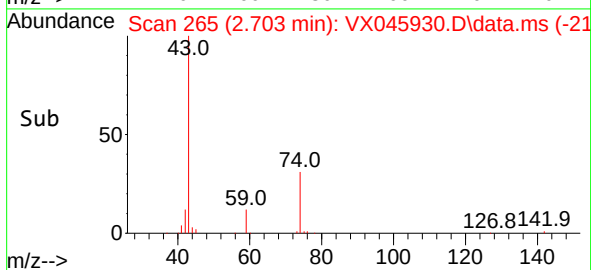
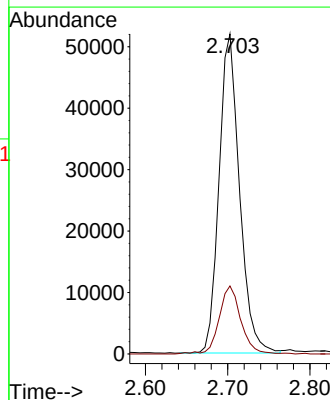
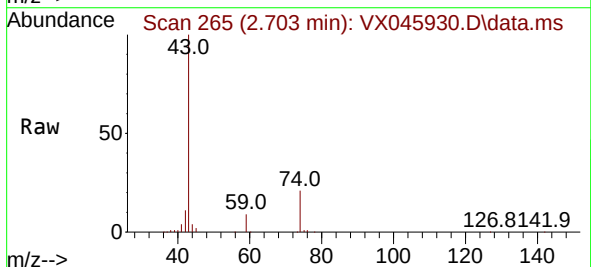
Acq: 24 Apr 2025 16:27

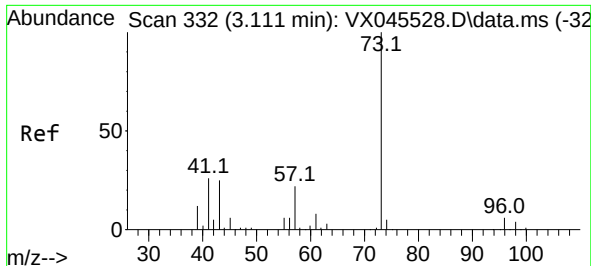
Tgt Ion: 43 Resp: 89750

Ion Ratio Lower Upper

43 100

74 22.6 17.5 26.3





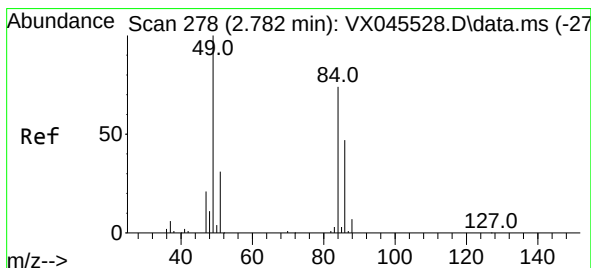
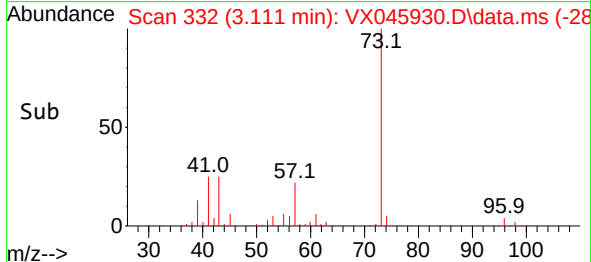
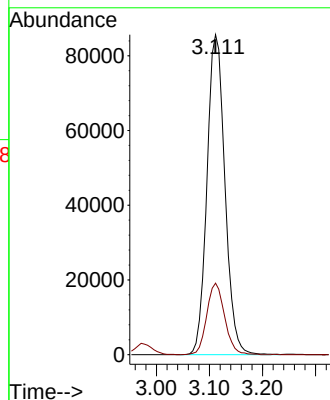
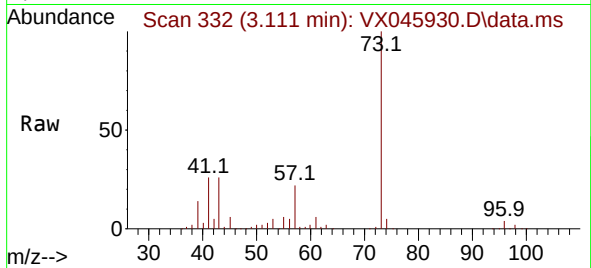
#19
Methyl tert-butyl Ether
Concen: 58.755 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 20137
Ion Ratio Lower Upper
73 100
57 22.4 17.6 26.4

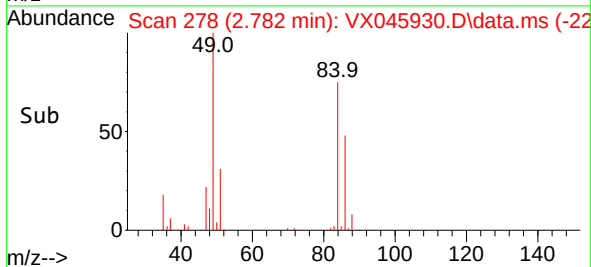
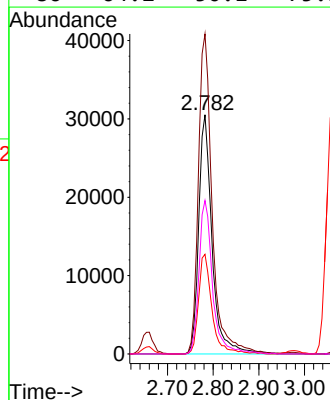
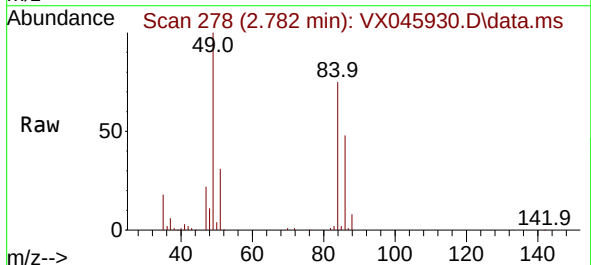
Manual Integrations
APPROVED

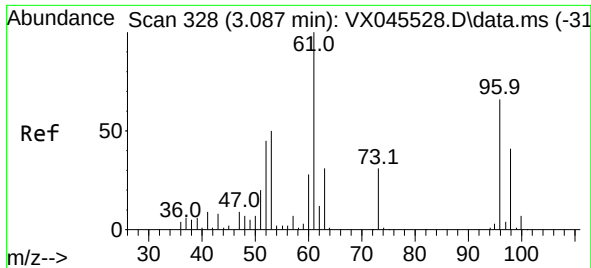
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#20
Methylene Chloride
Concen: 54.258 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

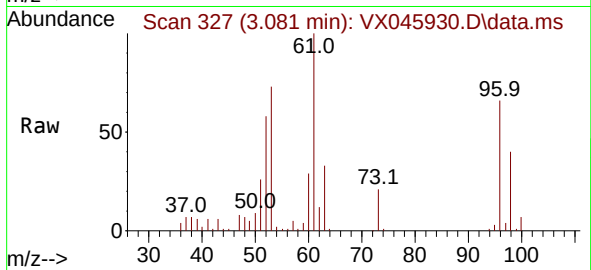
Tgt Ion: 84 Resp: 62254
Ion Ratio Lower Upper
84 100
49 133.8 107.5 161.3
51 41.7 33.0 49.6
86 64.2 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 55.358 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

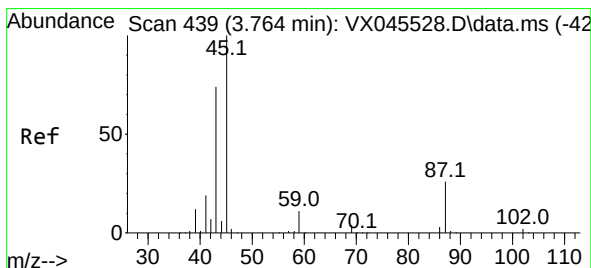
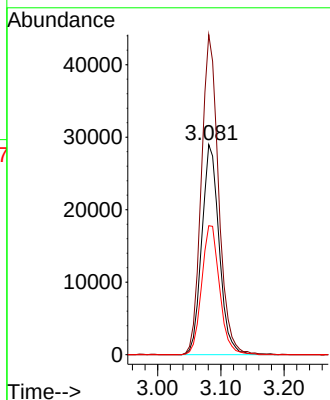
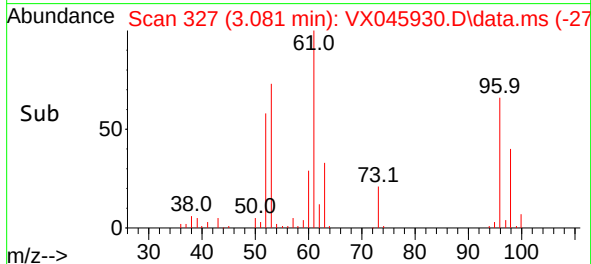
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



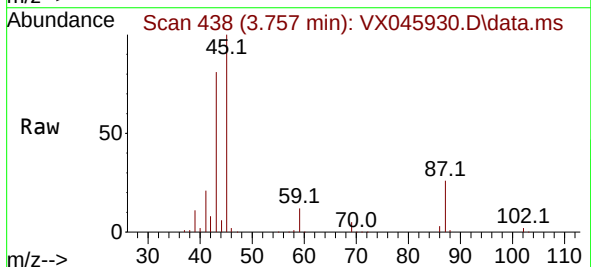
Tgt Ion: 96 Resp: 55412
Ion Ratio Lower Upper
96 100
61 152.3 121.0 181.6
98 61.4 49.7 74.5

Manual Integrations
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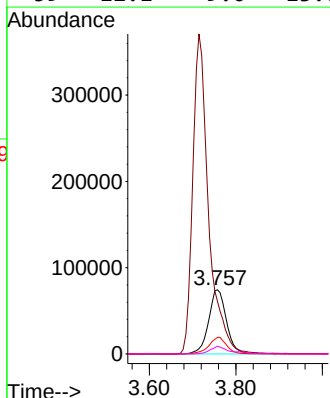
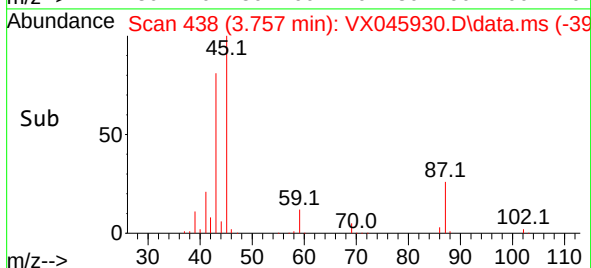
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025

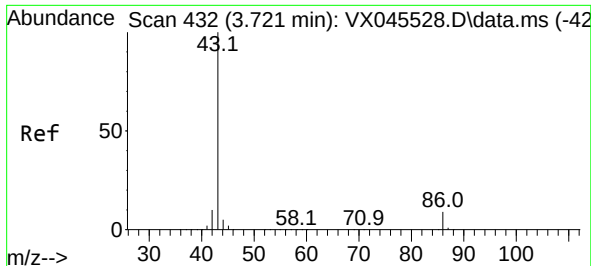


#22
Diisopropyl ether
Concen: 58.239 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27



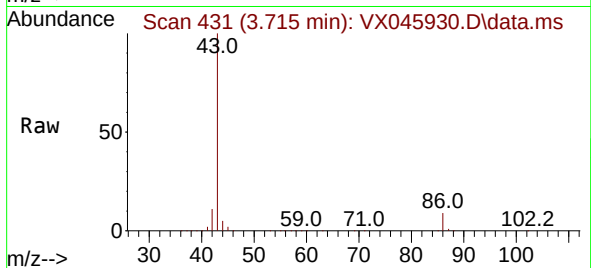
Tgt Ion: 45 Resp: 213271
Ion Ratio Lower Upper
45 100
43 81.2 59.3 88.9
87 25.9 20.4 30.6
59 12.1 9.0 13.6





#23
 Vinyl Acetate
 Concen: 297.427 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX045930.D
 Acq: 24 Apr 2025 16:27

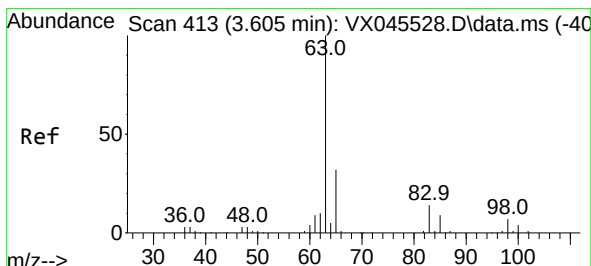
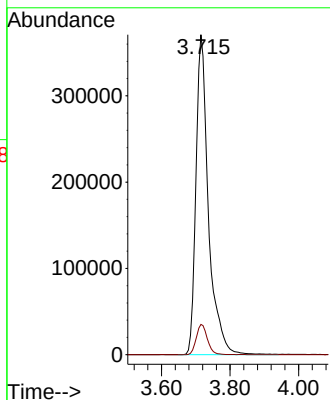
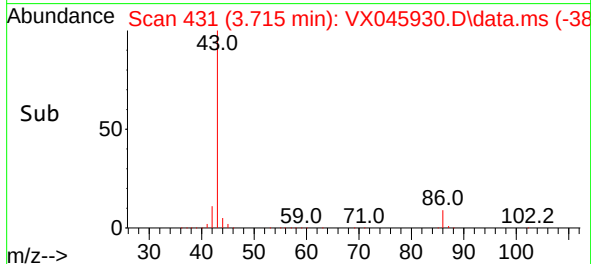
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



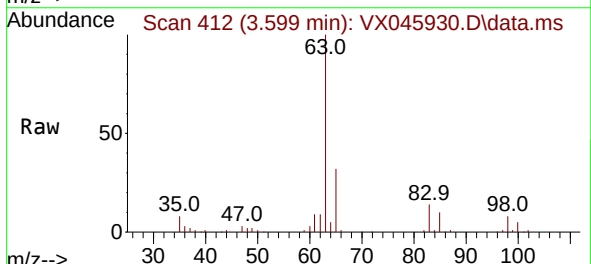
Tgt Ion: 43 Resp: 941030
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.5 11.3

Manual Integrations
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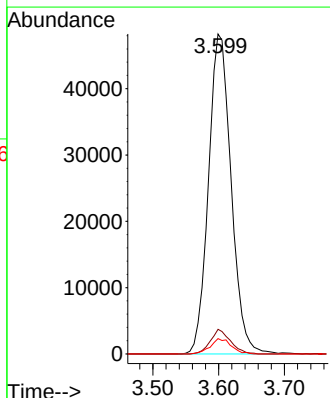
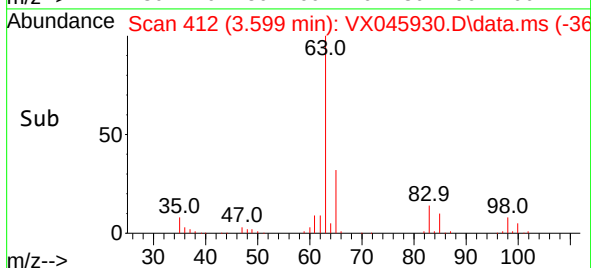
Reviewed By :John Carlone 04/25/2025
 Supervised By :Mahesh Dadoda 04/25/2025

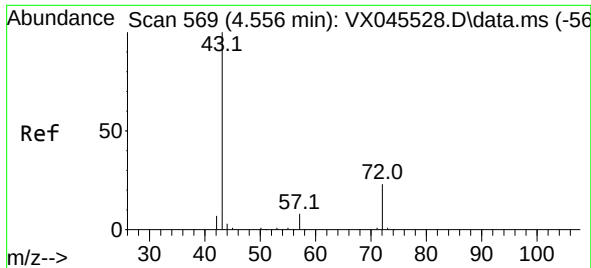


#24
 1,1-Dichloroethane
 Concen: 55.867 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045930.D
 Acq: 24 Apr 2025 16:27



Tgt Ion: 63 Resp: 115700
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.4 10.1
 100 4.8 2.2 6.6





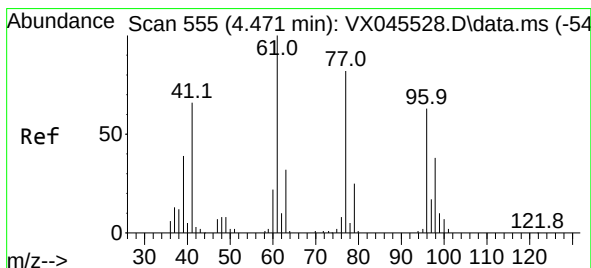
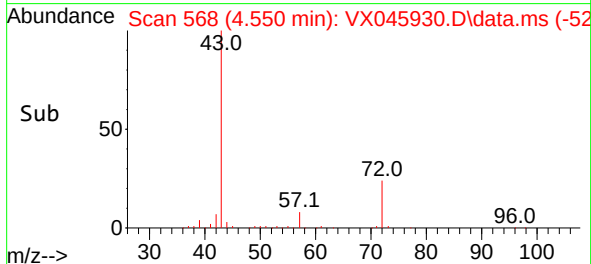
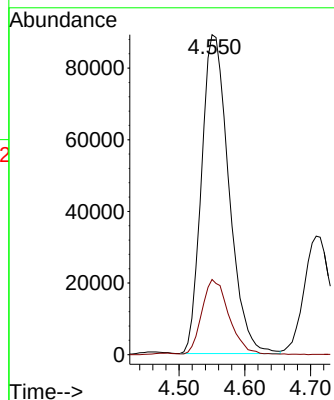
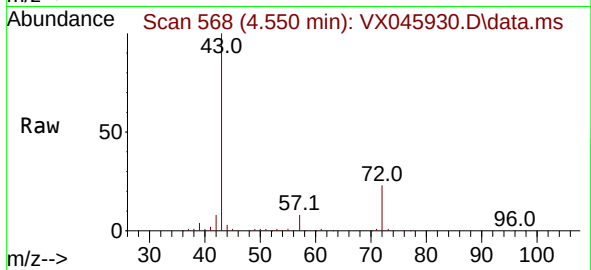
#25
2-Butanone
Concen: 286.791 ug/l
RT: 4.550 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 25728
Ion Ratio Lower Upper
43 100
72 23.4 18.6 28.0

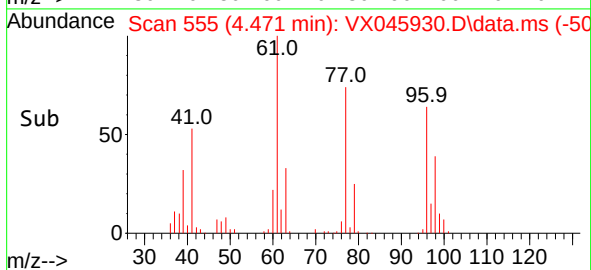
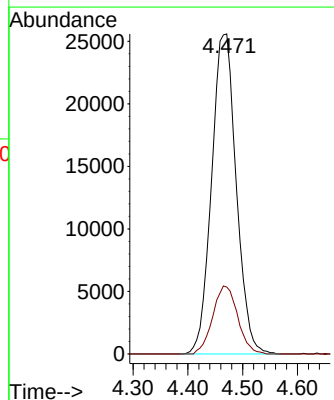
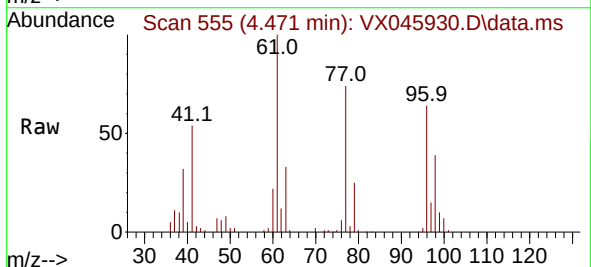
Manual Integrations
APPROVED

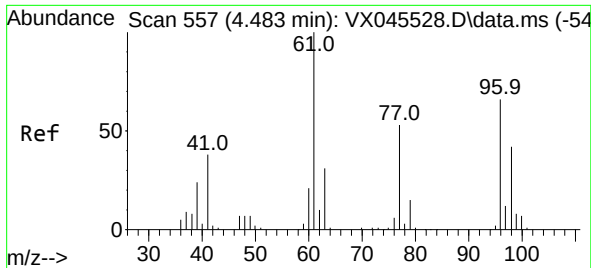
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#26
2,2-Dichloropropane
Concen: 59.679 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

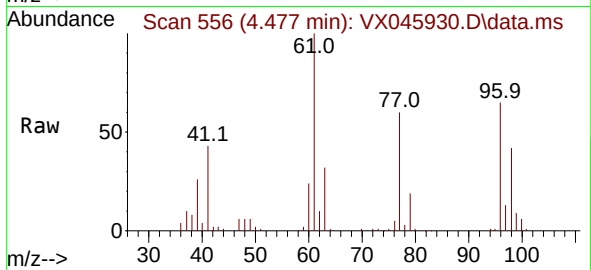
Tgt Ion: 77 Resp: 79854
Ion Ratio Lower Upper
77 100
97 21.5 10.6 31.8





#27
 cis-1,2-Dichloroethene
 Concen: 55.464 ug/l
 RT: 4.477 min Scan# 557
 Delta R.T. -0.006 min
 Lab File: VX045930.D
 Acq: 24 Apr 2025 16:27

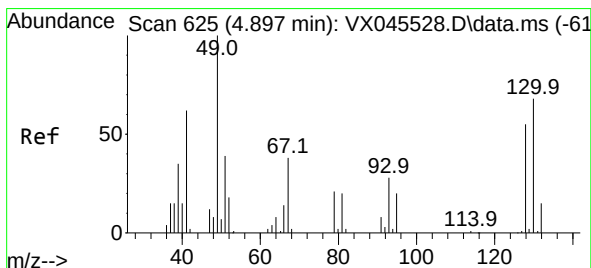
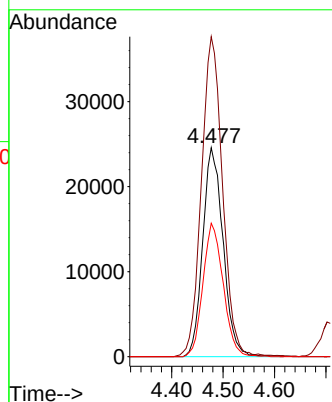
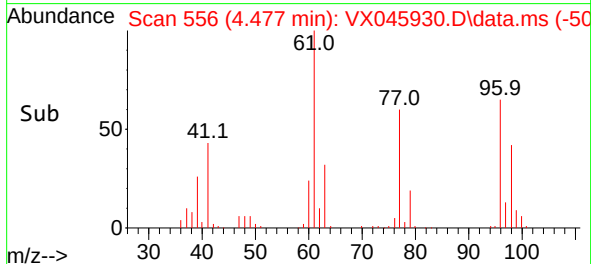
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 67638
 Ion Ratio Lower Upper
 96 100
 61 159.2 0.0 313.2
 98 63.4 0.0 126.4

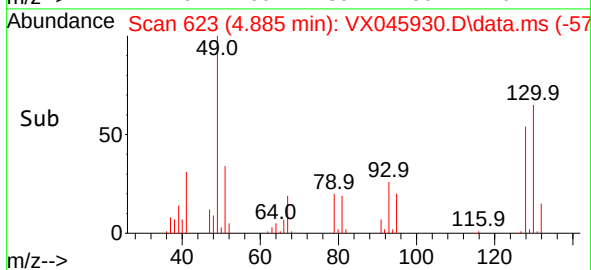
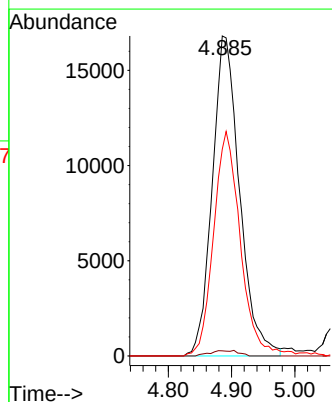
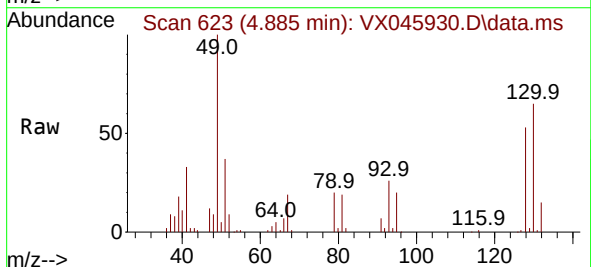
Manual Integrations
 APPROVED

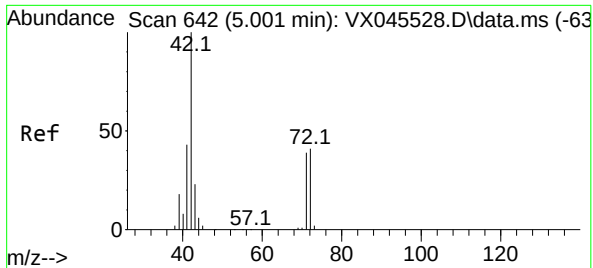
Reviewed By :John Carlone 04/25/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#28
 Bromochloromethane
 Concen: 50.393 ug/l
 RT: 4.885 min Scan# 623
 Delta R.T. -0.012 min
 Lab File: VX045930.D
 Acq: 24 Apr 2025 16:27

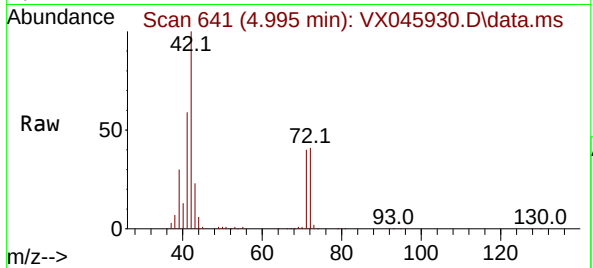
Tgt Ion: 49 Resp: 50433
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 68.7 54.6 81.8





#29
Tetrahydrofuran
Concen: 278.853 ug/l
RT: 4.995 min Scan# 642
Delta R.T. -0.006 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

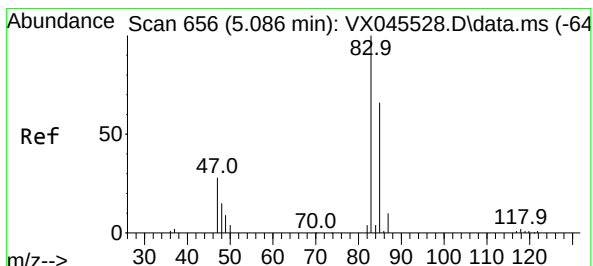
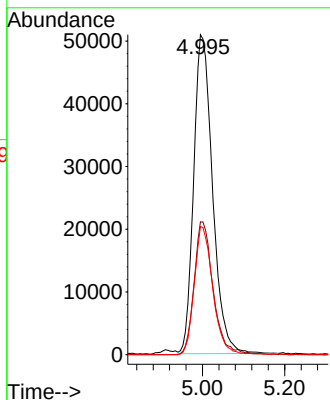
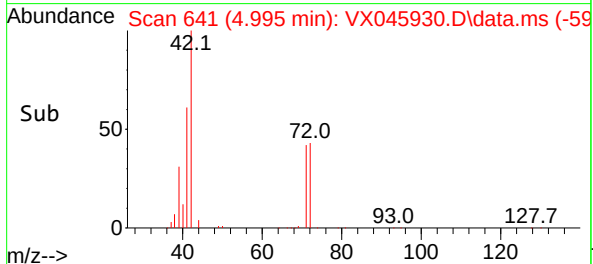
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 162188
Ion Ratio Lower Upper
42 100
72 42.0 33.4 50.0
71 39.5 31.4 47.0

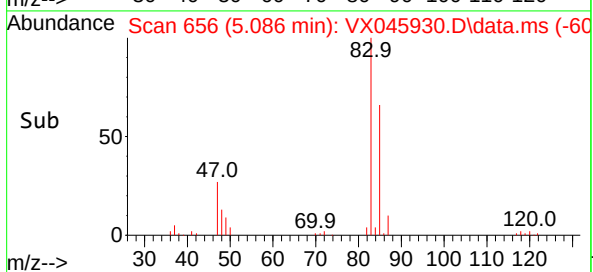
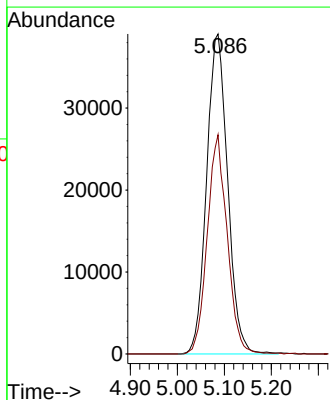
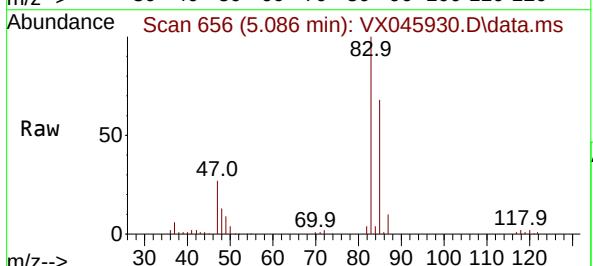
Manual Integrations
APPROVED

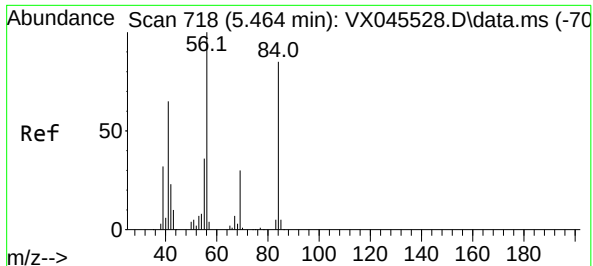
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#30
Chloroform
Concen: 56.875 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

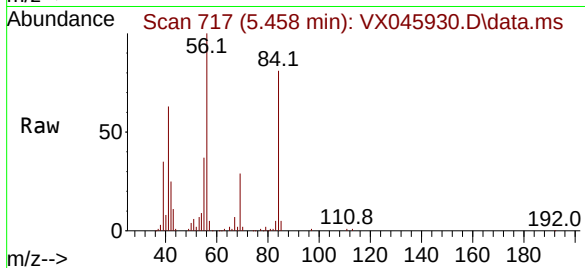
Tgt Ion: 83 Resp: 121199
Ion Ratio Lower Upper
83 100
85 68.5 52.8 79.2





#31
Cyclohexane
Concen: 55.883 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

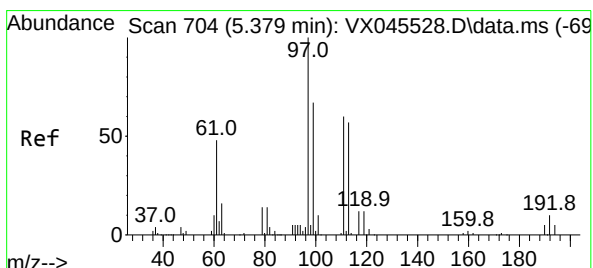
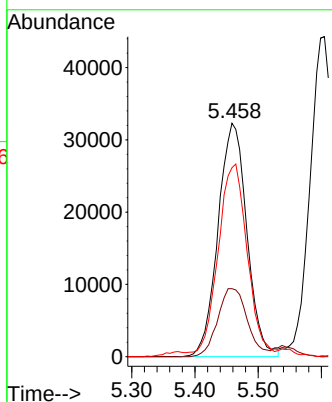
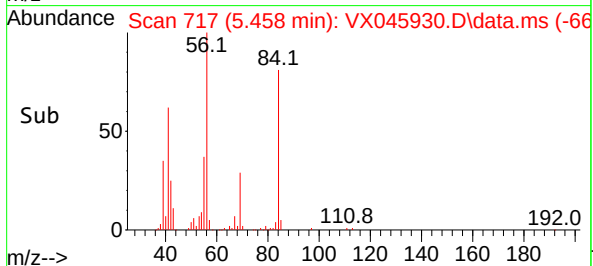
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 102314
Ion Ratio Lower Upper
56 100
69 29.1 23.6 35.4
84 78.8 67.7 101.5

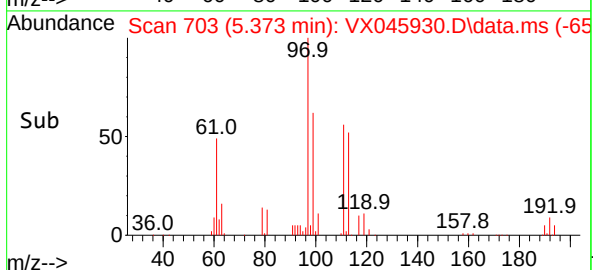
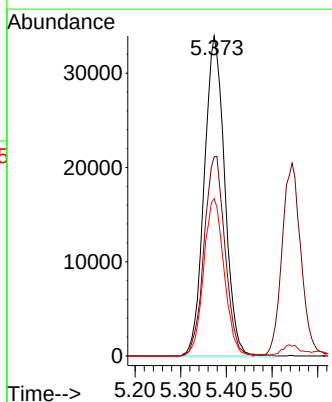
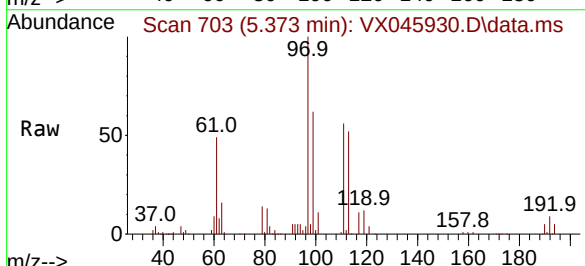
Manual Integrations
APPROVED

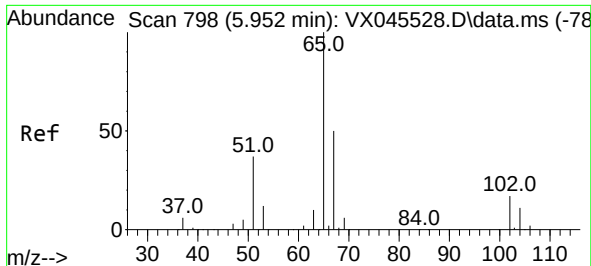
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#32
1,1,1-Trichloroethane
Concen: 58.612 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

Tgt Ion: 97 Resp: 105687
Ion Ratio Lower Upper
97 100
99 63.7 51.7 77.5
61 49.3 41.0 61.4





#33
1,2-Dichloroethane-d4
Concen: 53.247 ug/l
RT: 5.946 min Scan# 794
Delta R.T. -0.006 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

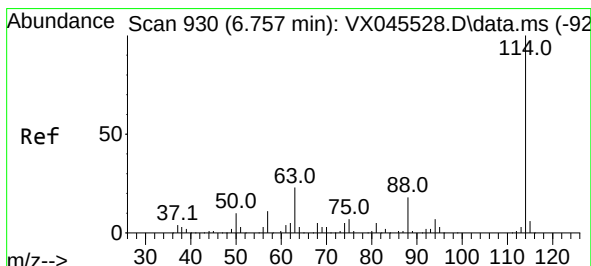
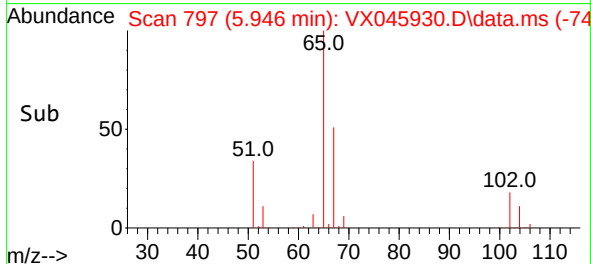
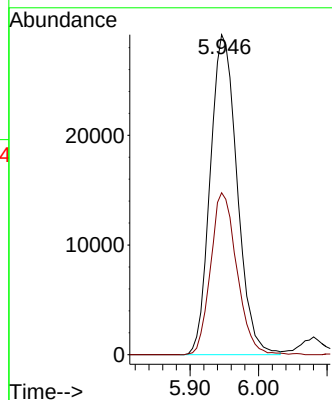
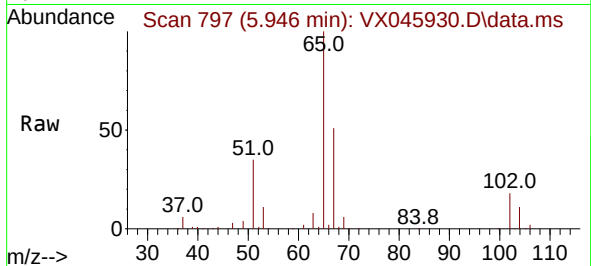
VSTDCCC050EC

Tgt Ion: 65 Resp: 7947
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.0

Manual Integrations

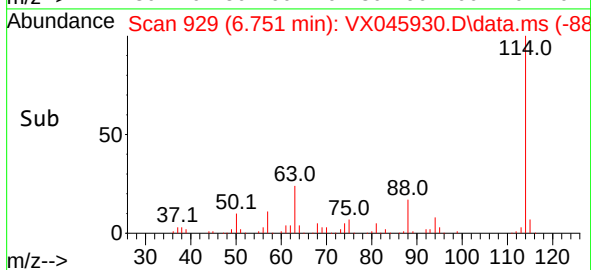
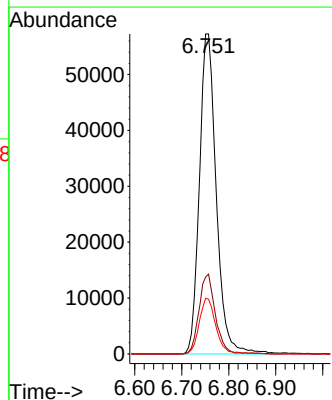
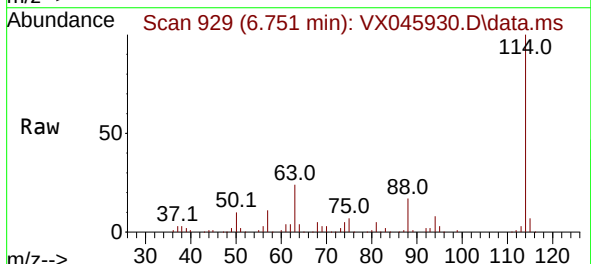
APPROVED

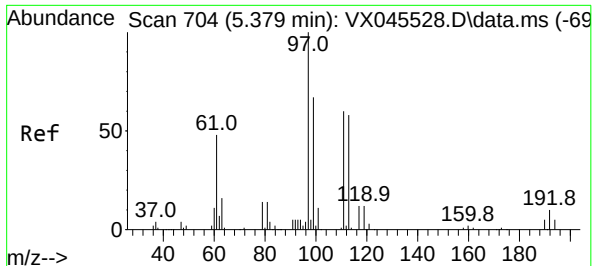
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

Tgt Ion:114 Resp: 142814
Ion Ratio Lower Upper
114 100
63 24.0 0.0 46.8
88 17.4 0.0 35.4





#35

Dibromofluoromethane

Concen: 54.703 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX045930.D

Acq: 24 Apr 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

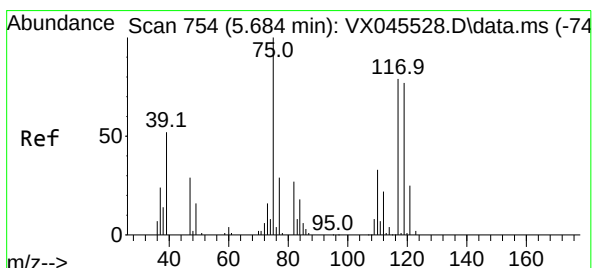
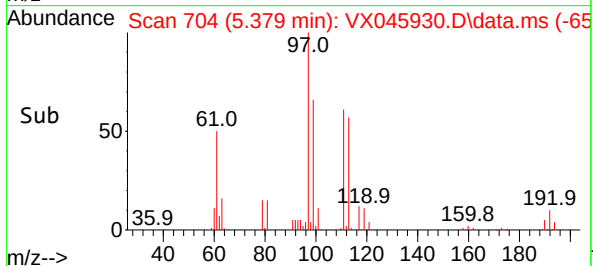
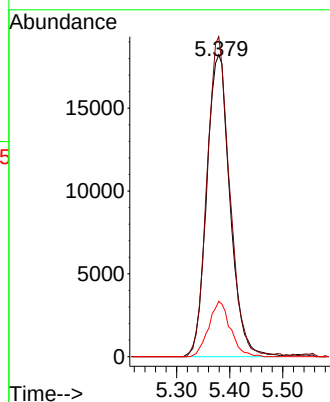
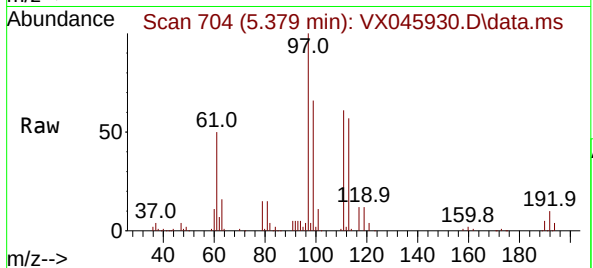
Tgt Ion:	113	Resp:	55429
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.8	122.6
192	17.1	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2025

Supervised By :Mahesh Dadoda 04/25/2025



#36

1,1-Dichloropropene

Concen: 56.584 ug/l

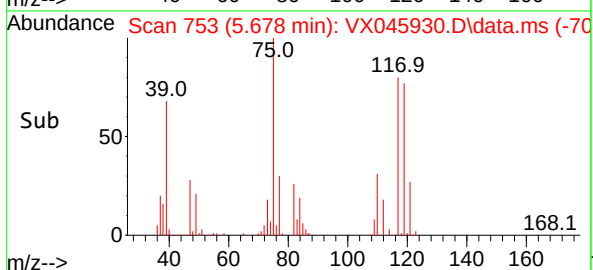
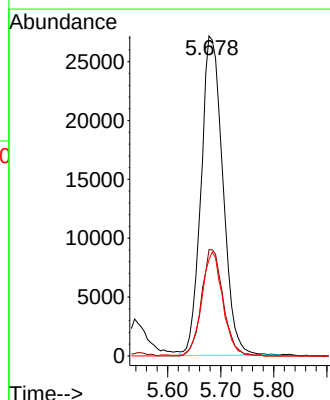
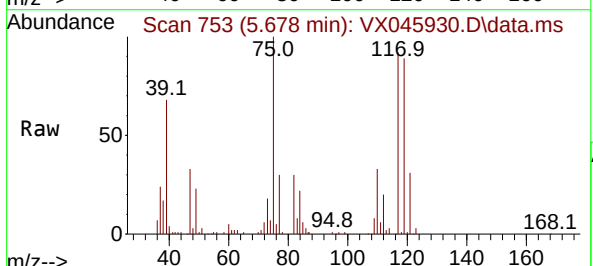
RT: 5.678 min Scan# 753

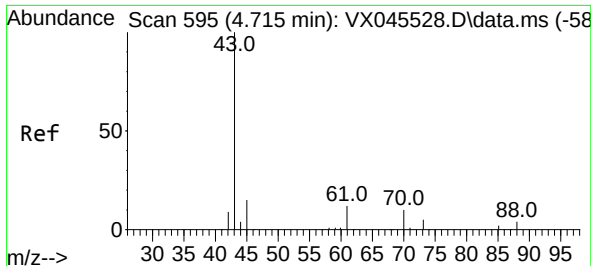
Delta R.T. -0.006 min

Lab File: VX045930.D

Acq: 24 Apr 2025 16:27

Tgt Ion:	75	Resp:	77413
Ion	Ratio	Lower	Upper
75	100		
110	33.1	16.9	50.6
77	31.5	25.0	37.4





#37

Ethyl Acetate

Concen: 55.833 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX045930.D

Acq: 24 Apr 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

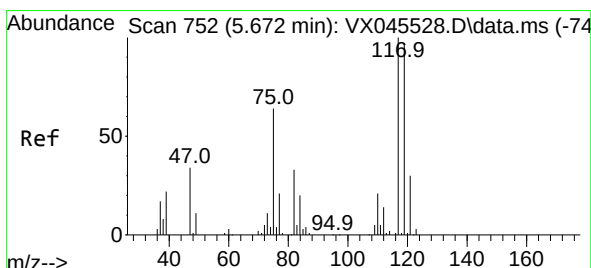
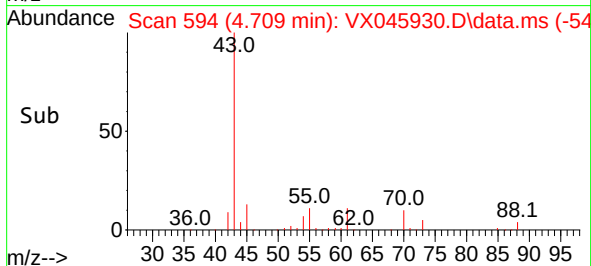
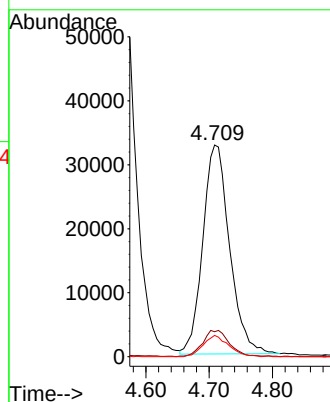
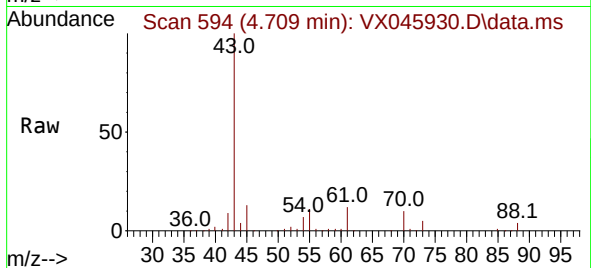
Tgt Ion: 43	Resp: 9626
Ion Ratio	Lower Upper
43 100	
61 12.7	9.9 14.9
70 9.7	7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2025

Supervised By :Mahesh Dadoda 04/25/2025



#38

Carbon Tetrachloride

Concen: 60.116 ug/l

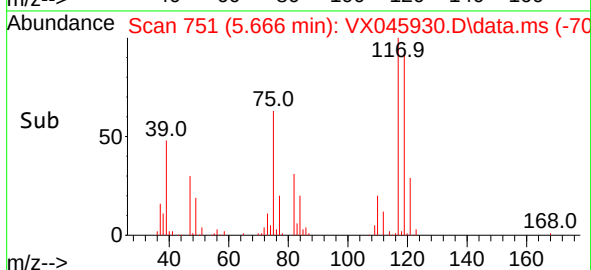
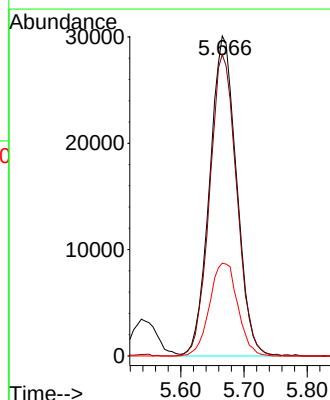
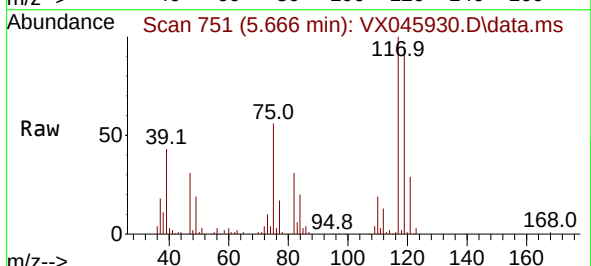
RT: 5.666 min Scan# 751

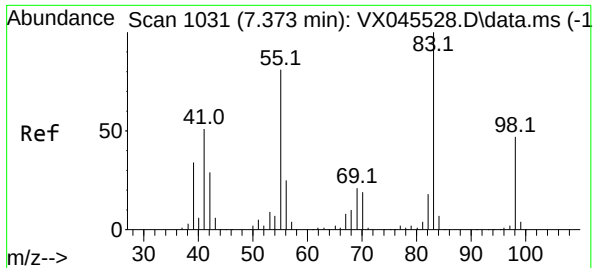
Delta R.T. -0.006 min

Lab File: VX045930.D

Acq: 24 Apr 2025 16:27

Tgt Ion: 117	Resp: 88887
Ion Ratio	Lower Upper
117 100	
119 93.9	76.9 115.3
121 29.0	24.2 36.2





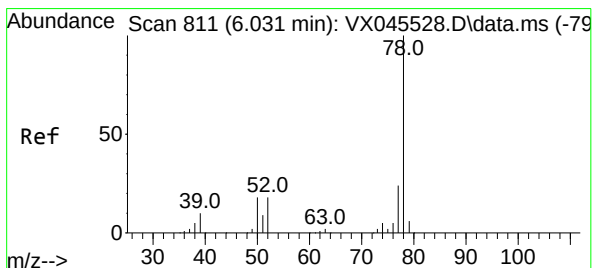
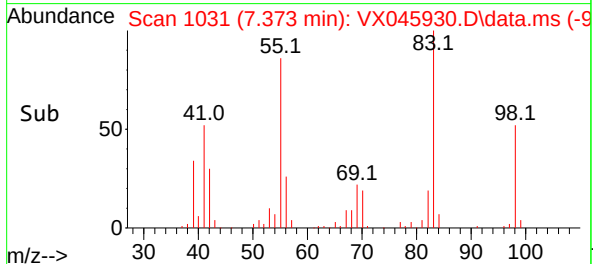
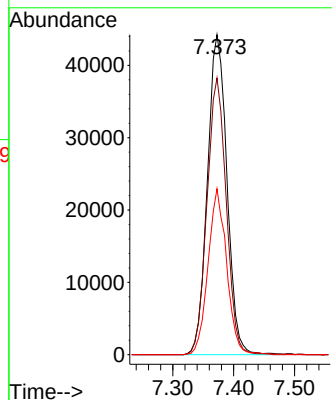
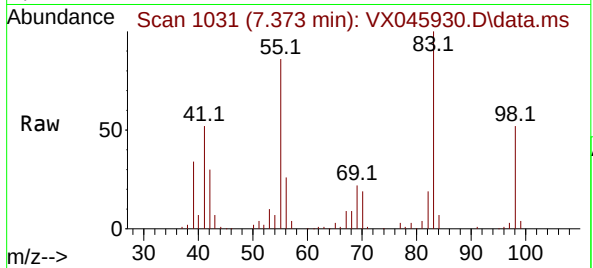
#39
Methylcyclohexane
Concen: 58.847 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 98688
Ion Ratio Lower Upper
83 100
55 86.4 64.9 97.3
98 51.9 37.4 56.0

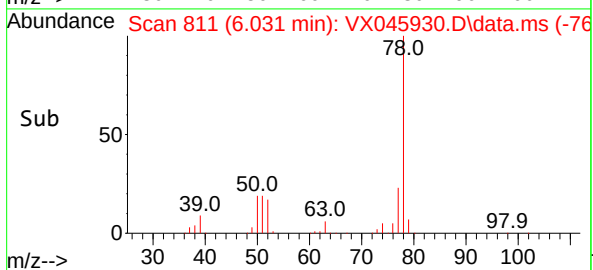
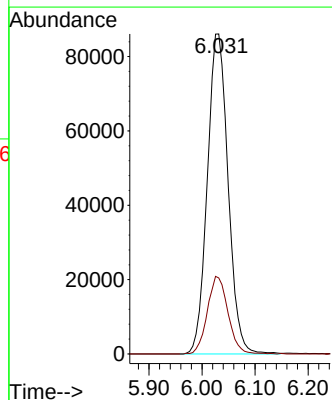
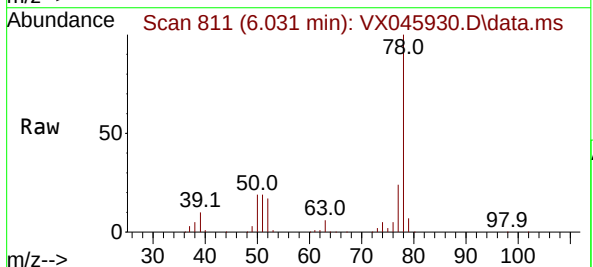
Manual Integrations
APPROVED

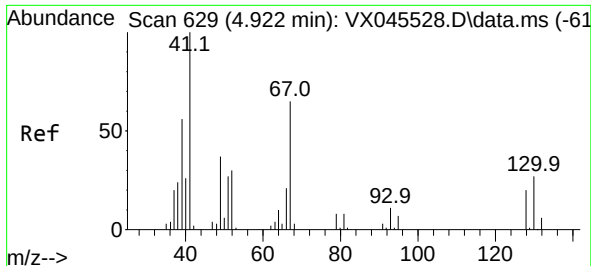
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#40
Benzene
Concen: 56.069 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

Tgt Ion: 78 Resp: 234275
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6





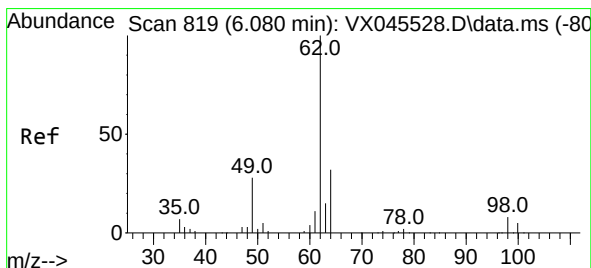
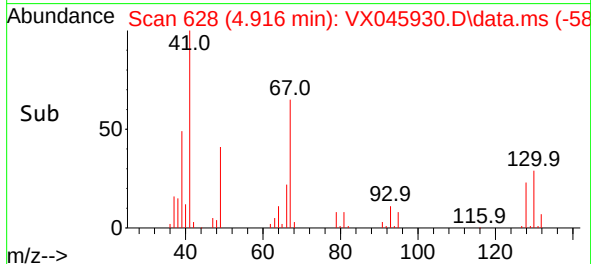
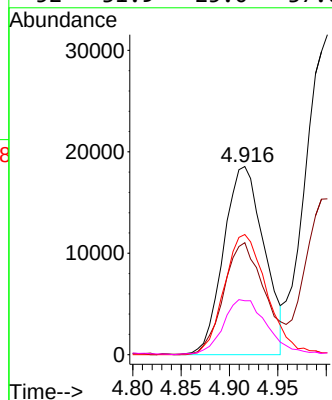
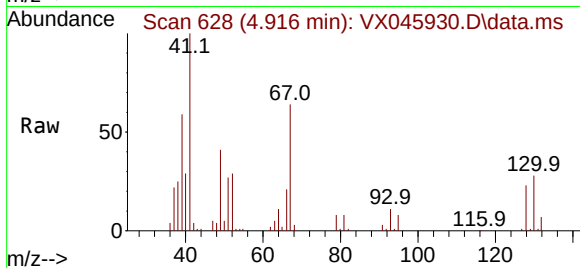
#41
Methacrylonitrile
Concen: 59.506 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 5413
Ion Ratio Lower Upper
41 100
39 60.6 47.0 70.6
67 67.5 53.2 79.8
52 31.9 25.0 37.6

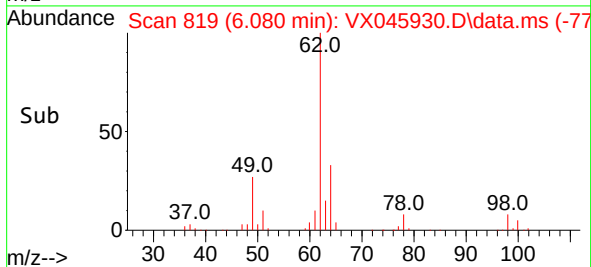
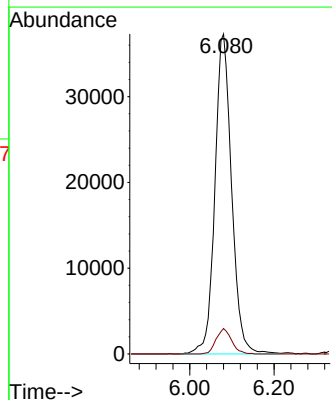
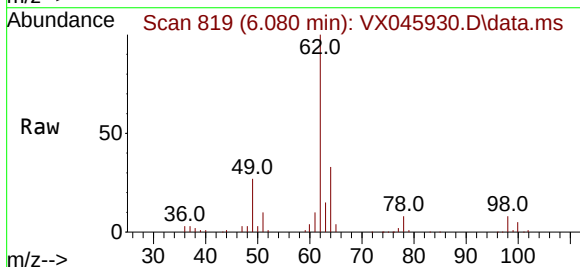
Manual Integrations
APPROVED

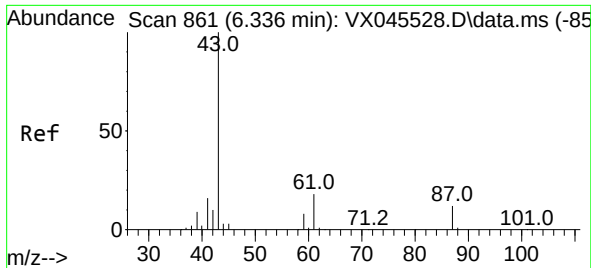
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#42
1,2-Dichloroethane
Concen: 59.339 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

Tgt Ion: 62 Resp: 102405
Ion Ratio Lower Upper
62 100
98 7.4 0.0 15.2





#43

Isopropyl Acetate

Concen: 60.393 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX045930.D

Acq: 24 Apr 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

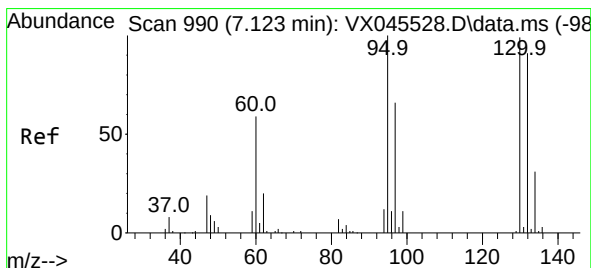
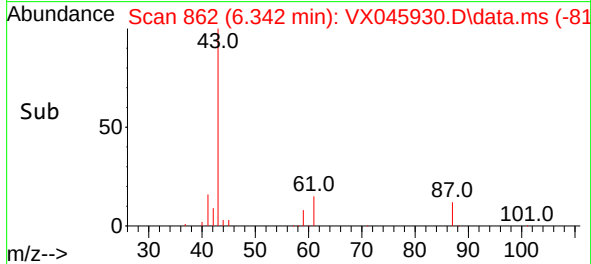
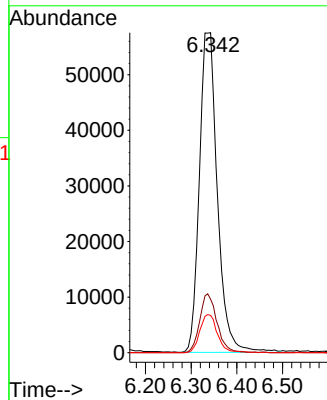
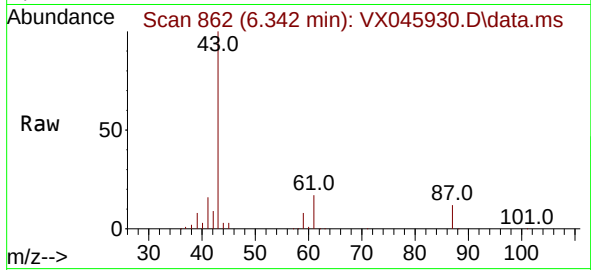
Tgt Ion: 43 Resp: 157814
 Ion Ratio Lower Upper
 43 100
 61 17.6 14.1 21.1
 87 11.6 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2025

Supervised By :Mahesh Dadoda 04/25/2025



#44

Trichloroethene

Concen: 55.893 ug/l

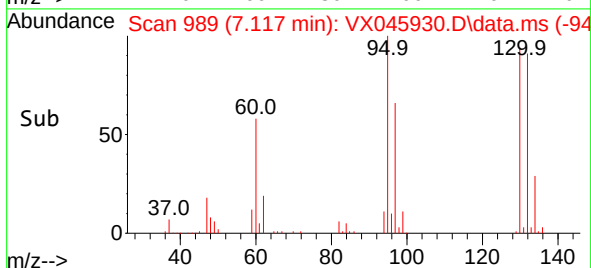
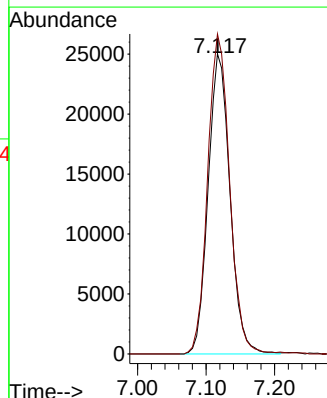
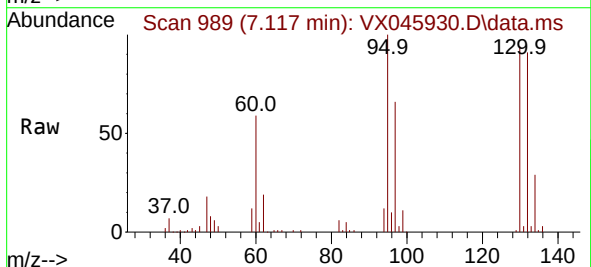
RT: 7.117 min Scan# 989

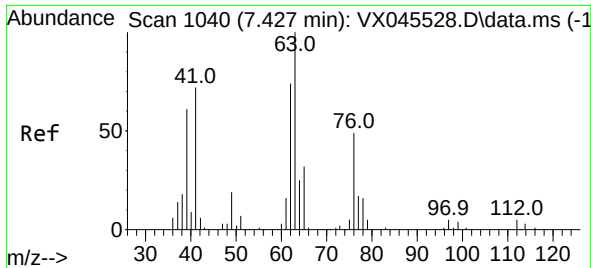
Delta R.T. -0.006 min

Lab File: VX045930.D

Acq: 24 Apr 2025 16:27

Tgt Ion:130 Resp: 55509
 Ion Ratio Lower Upper
 130 100
 95 106.6 0.0 202.0





#45

1,2-Dichloropropane

Concen: 57.339 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045930.D

Acq: 24 Apr 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 59778

Ion Ratio Lower Upper

63 100

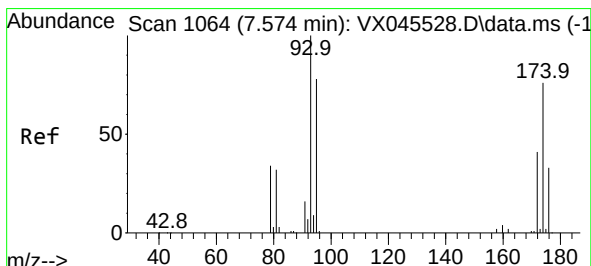
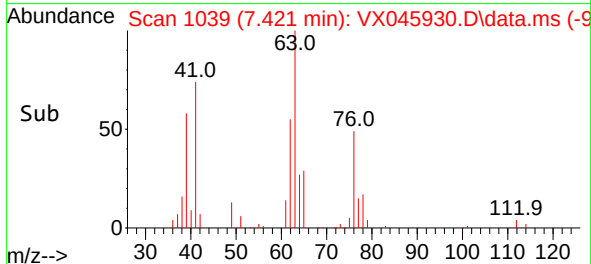
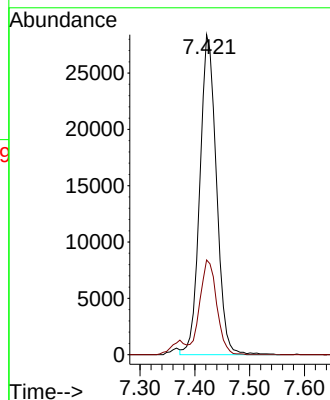
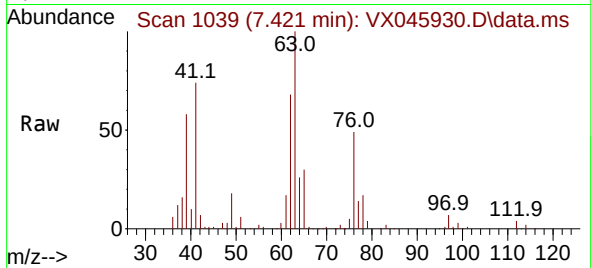
65 29.6 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2025

Supervised By :Mahesh Dadoda 04/25/2025



#46

Dibromomethane

Concen: 57.585 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX045930.D

Acq: 24 Apr 2025 16:27

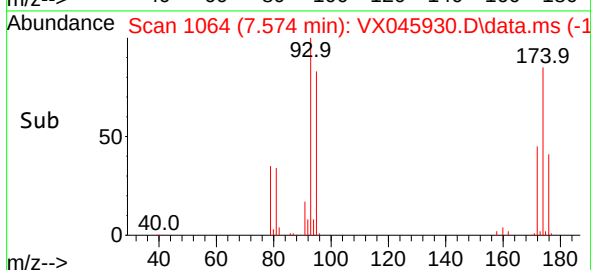
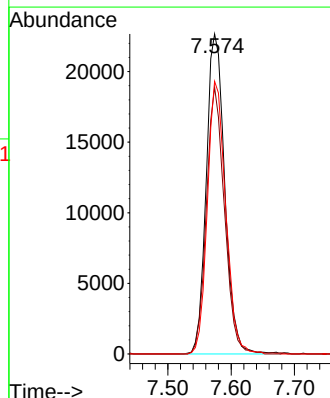
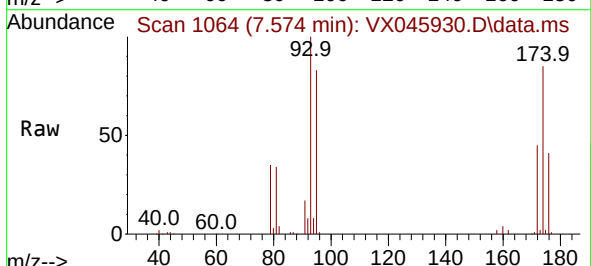
Tgt Ion: 93 Resp: 46085

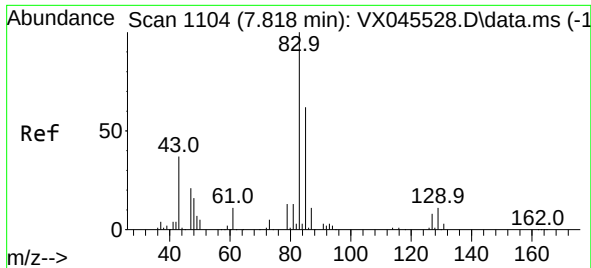
Ion Ratio Lower Upper

93 100

95 81.6 64.8 97.2

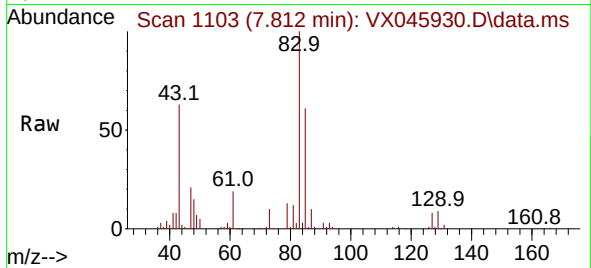
174 84.5 65.4 98.0





#47
Bromodichloromethane
Concen: 58.020 ug/l
RT: 7.812 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

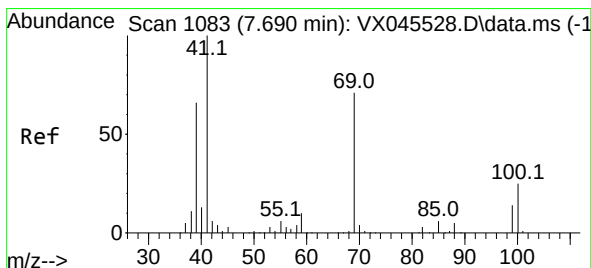
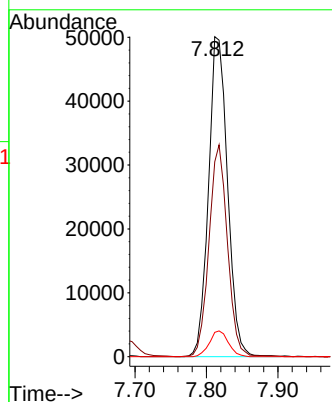
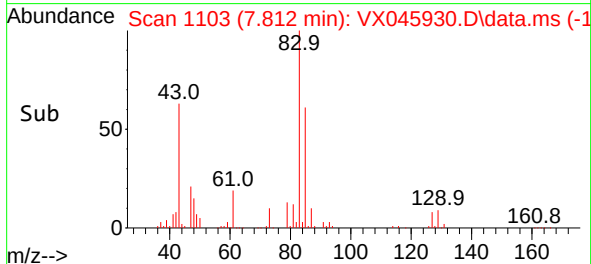
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 92730
Ion Ratio Lower Upper
83 100
85 60.9 49.7 74.5
127 7.6 6.1 9.1

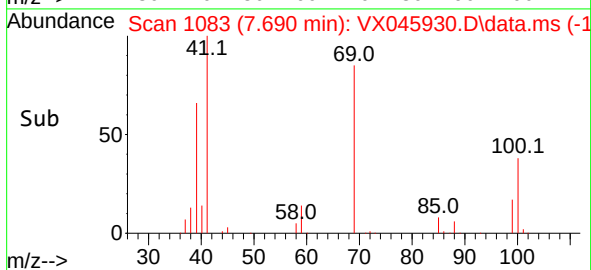
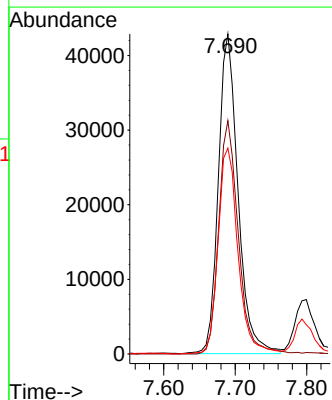
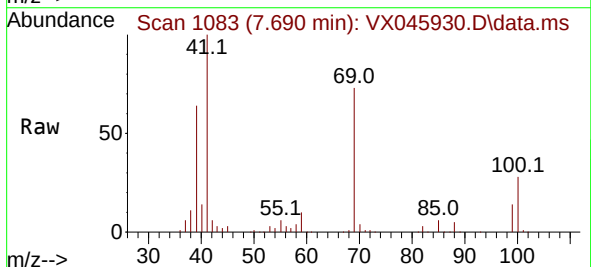
Manual Integrations
APPROVED

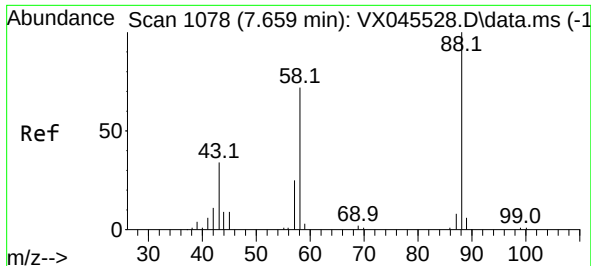
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#48
Methyl methacrylate
Concen: 60.675 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

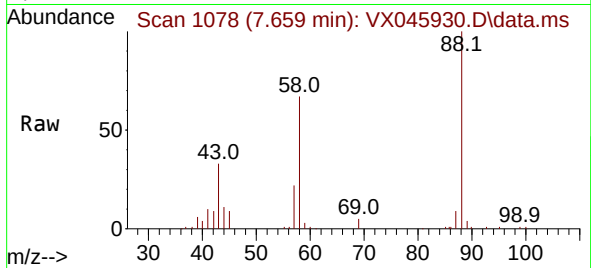
Tgt Ion: 41 Resp: 81862
Ion Ratio Lower Upper
41 100
69 72.7 58.2 87.2
39 65.5 53.6 80.4





#49
1,4-Dioxane
Concen: 1061.223 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

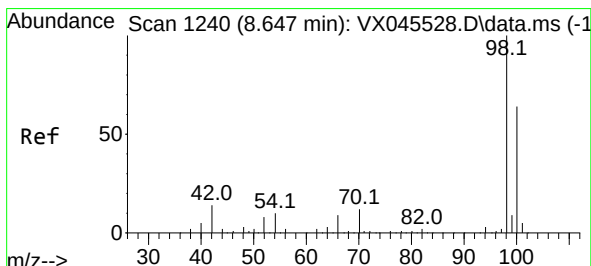
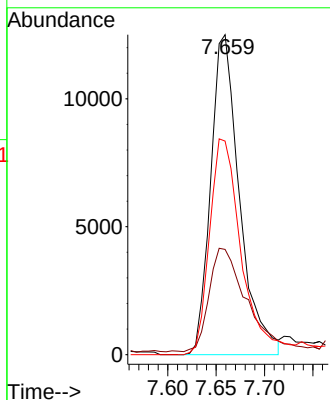
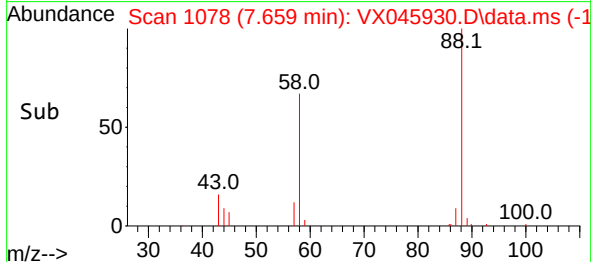
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 2590
Ion Ratio Lower Upper
88 100
43 42.8 32.2 48.4
58 74.7 58.6 88.0

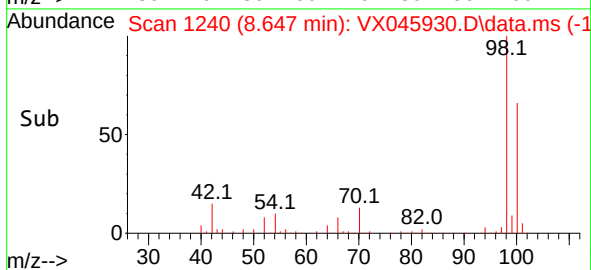
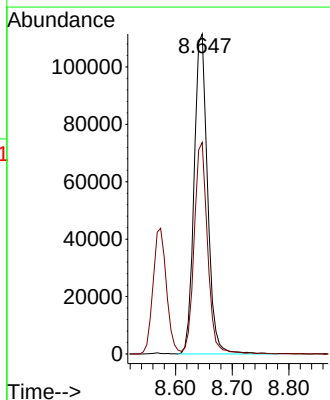
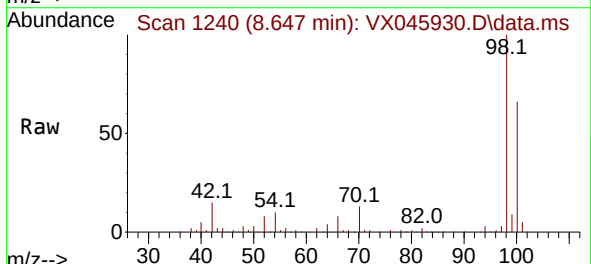
Manual Integrations
APPROVED

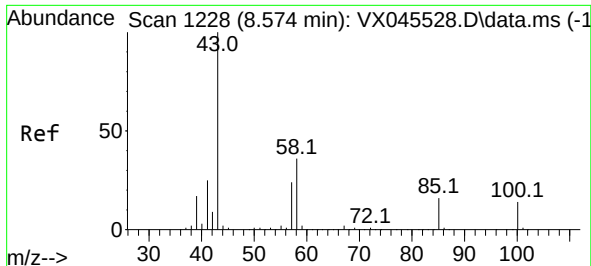
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#50
Toluene-d8
Concen: 52.021 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

Tgt Ion: 98 Resp: 183982
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 302.420 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

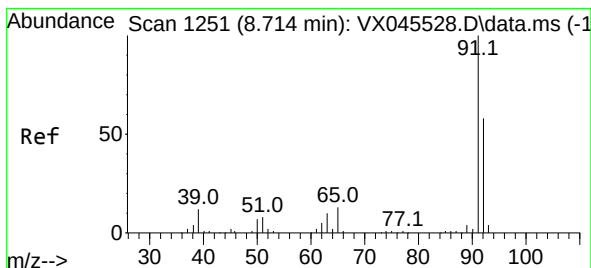
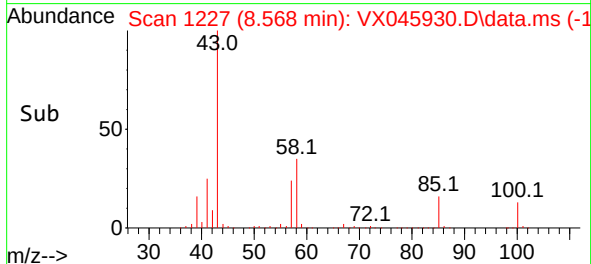
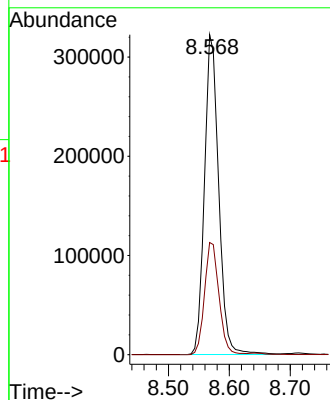
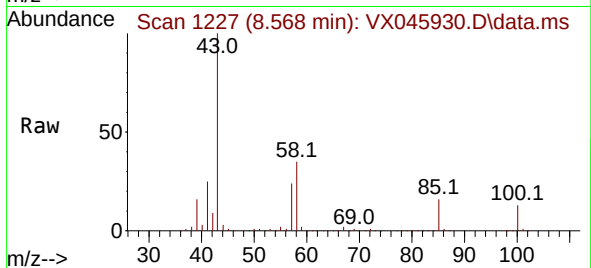
VSTDCCC050EC

Tgt Ion: 43 Resp: 52387
Ion Ratio Lower Upper
43 100
58 35.7 28.5 42.7

Manual Integrations

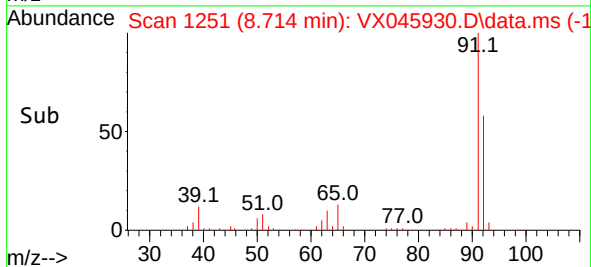
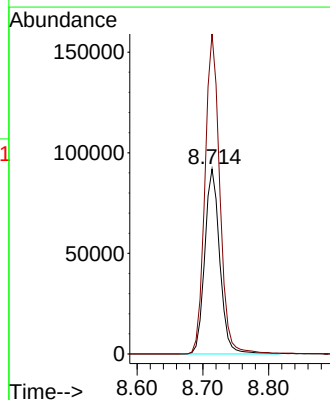
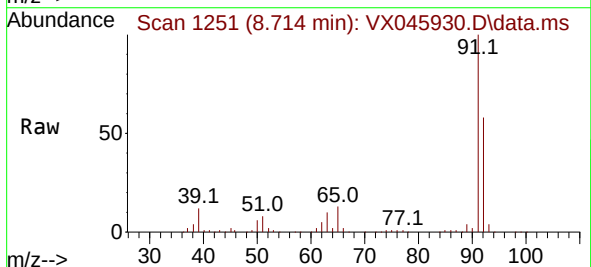
APPROVED

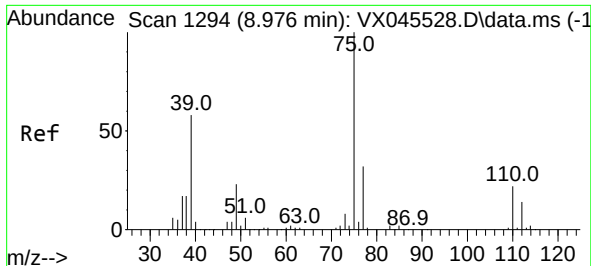
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#52
Toluene
Concen: 57.750 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

Tgt Ion: 92 Resp: 146011
Ion Ratio Lower Upper
92 100
91 171.5 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 54.816 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX045930.D

Acq: 24 Apr 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 8460

Ion Ratio Lower Upper

75 100

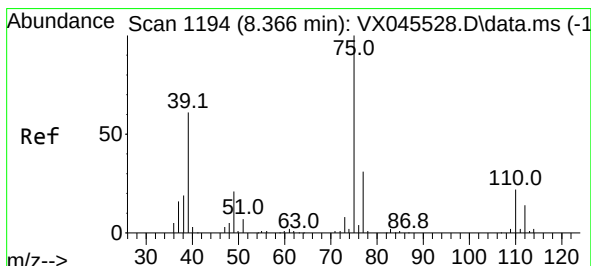
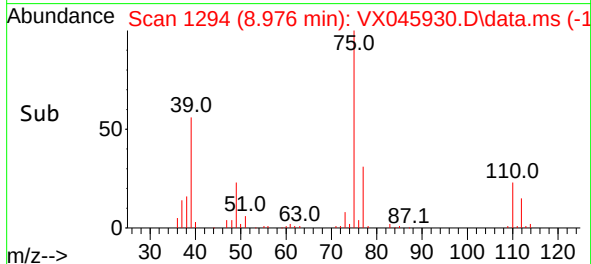
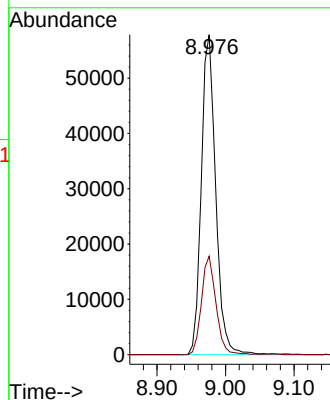
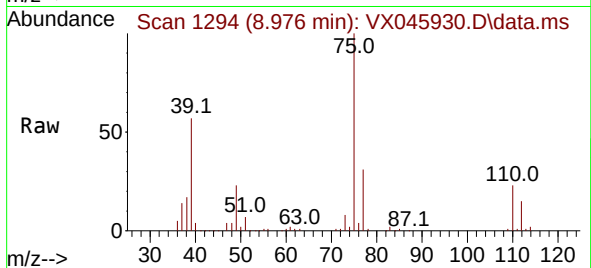
77 30.8 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2025

Supervised By :Mahesh Dadoda 04/25/2025



#54

cis-1,3-Dichloropropene

Concen: 62.341 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045930.D

Acq: 24 Apr 2025 16:27

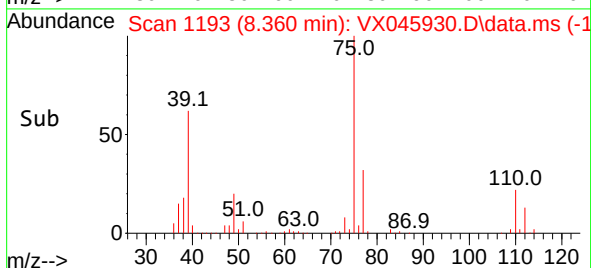
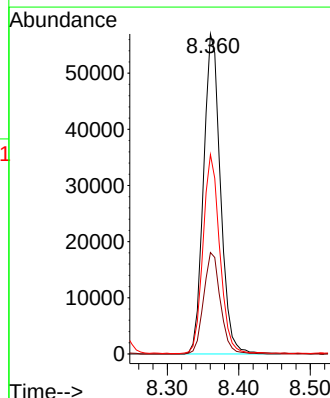
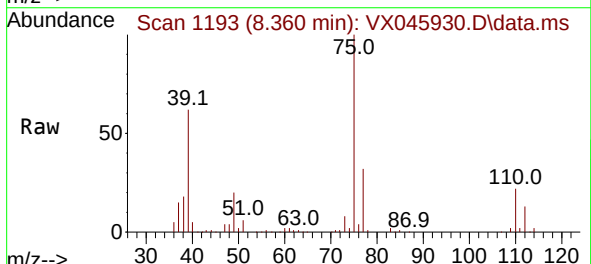
Tgt Ion: 75 Resp: 93630

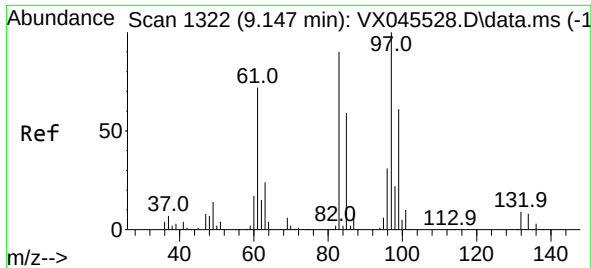
Ion Ratio Lower Upper

75 100

77 31.7 24.6 36.8

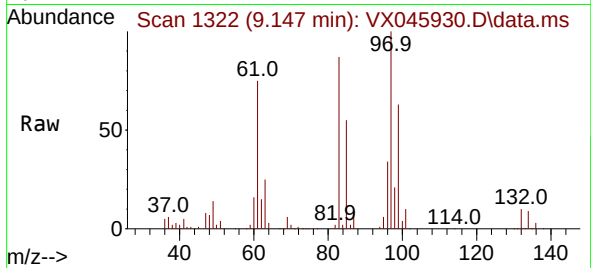
39 62.1 48.4 72.6





#55
 1,1,2-Trichloroethane
 Concen: 57.301 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. 0.000 min
 Lab File: VX045930.D
 Acq: 24 Apr 2025 16:27

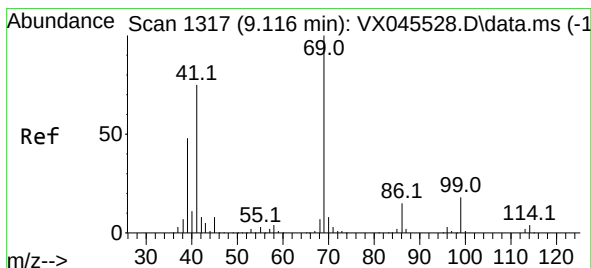
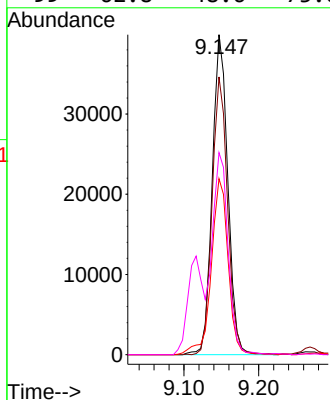
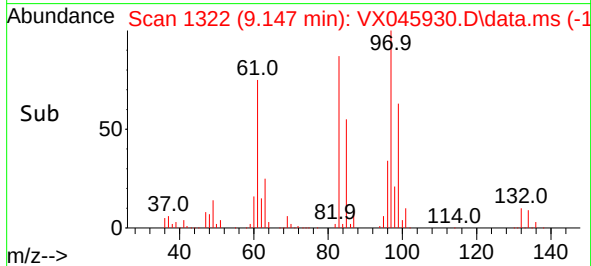
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



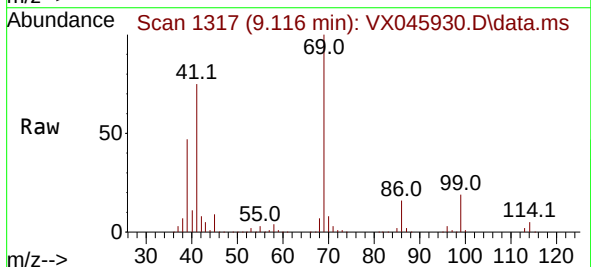
Tgt Ion: 97 Resp: 5773
 Ion Ratio Lower Upper
 97 100
 83 86.8 71.8 107.8
 85 55.0 47.0 70.6
 99 62.8 48.6 73.0

Manual Integrations
 APPROVED

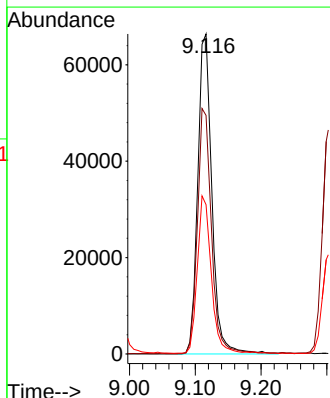
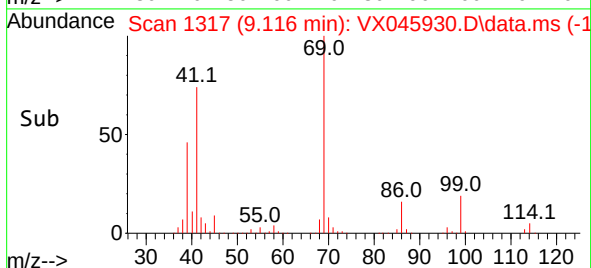
Reviewed By :John Carlone 04/25/2025
 Supervised By :Mahesh Dadoda 04/25/2025

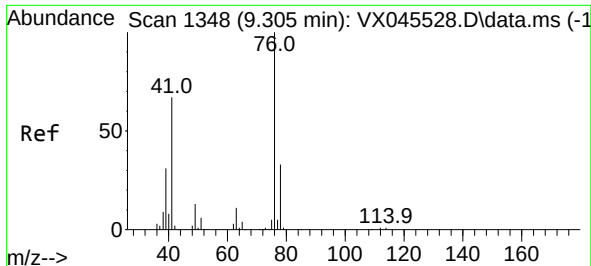


#56
 Ethyl methacrylate
 Concen: 63.549 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VX045930.D
 Acq: 24 Apr 2025 16:27



Tgt Ion: 69 Resp: 99088
 Ion Ratio Lower Upper
 69 100
 41 76.3 61.3 91.9
 39 48.9 40.2 60.2





#57

1,3-Dichloropropane

Concen: 58.061 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045930.D

Acq: 24 Apr 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 101864

Ion Ratio Lower Upper

76 100

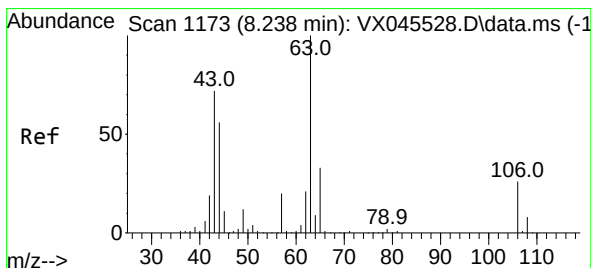
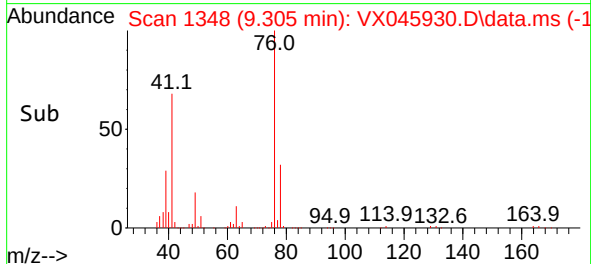
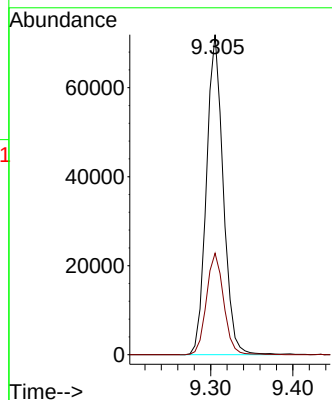
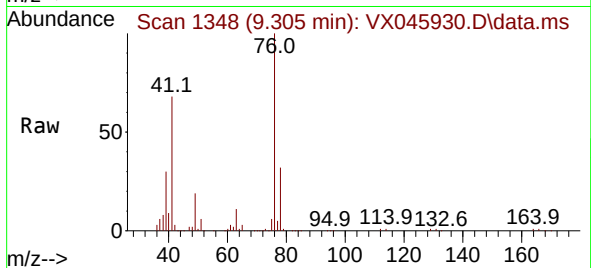
78 32.6 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2025

Supervised By :Mahesh Dadoda 04/25/2025



#58

2-Chloroethyl Vinyl ether

Concen: 294.325 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045930.D

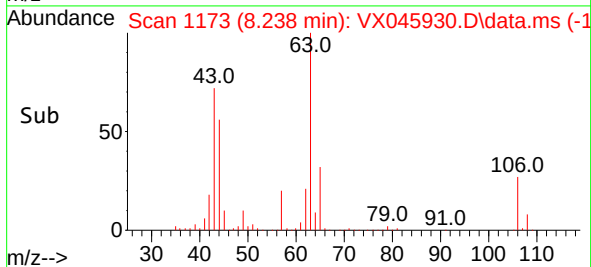
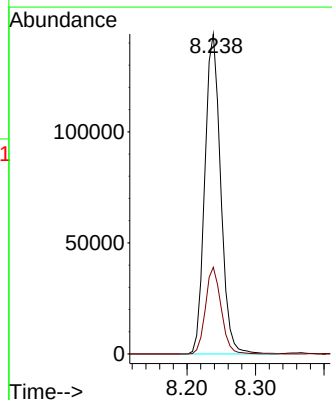
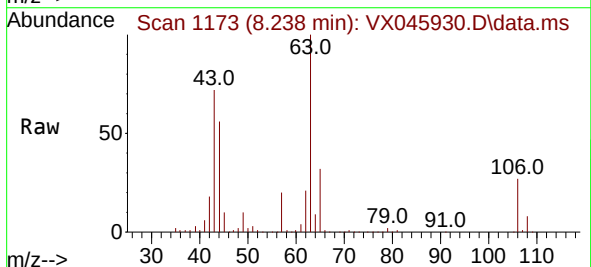
Acq: 24 Apr 2025 16:27

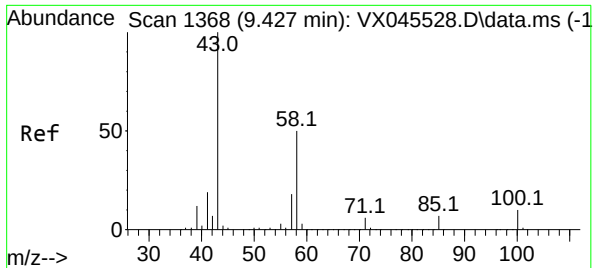
Tgt Ion: 63 Resp: 232155

Ion Ratio Lower Upper

63 100

106 26.7 21.0 31.6





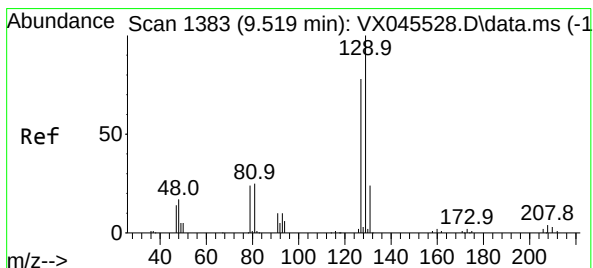
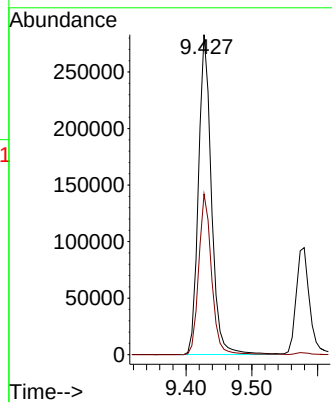
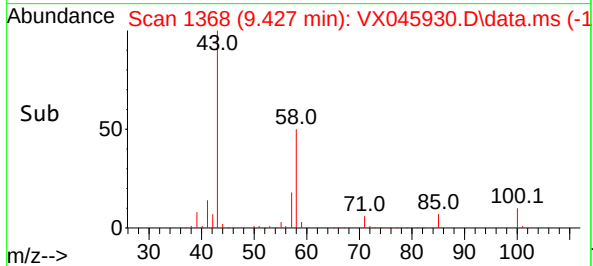
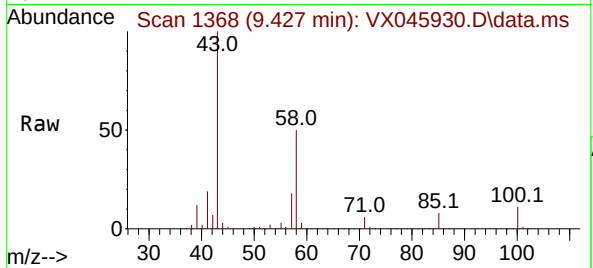
#59
2-Hexanone
Concen: 301.614 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 386909
Ion Ratio Lower Upper
43 100
58 49.9 24.9 74.6

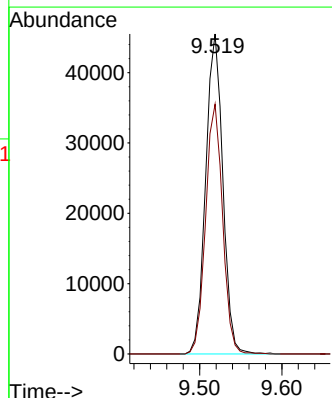
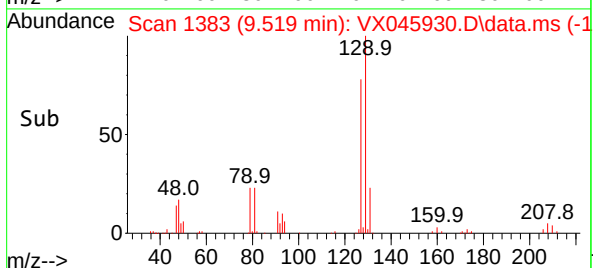
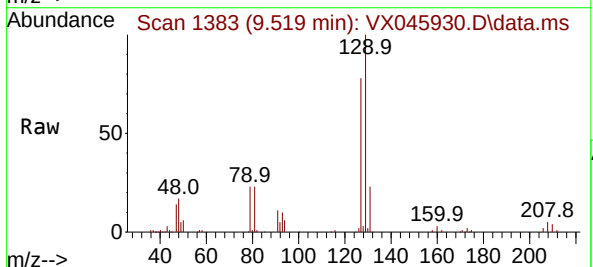
Manual Integrations
APPROVED

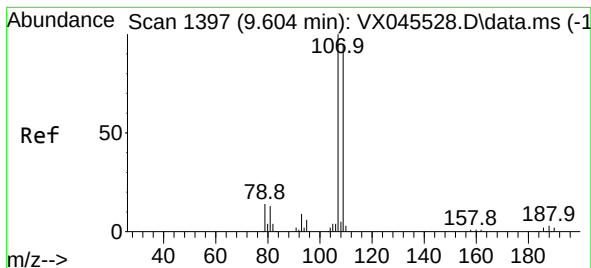
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#60
Dibromochloromethane
Concen: 59.928 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

Tgt Ion:129 Resp: 65823
Ion Ratio Lower Upper
129 100
127 77.4 39.4 118.2





#61
1,2-Dibromoethane
Concen: 59.135 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

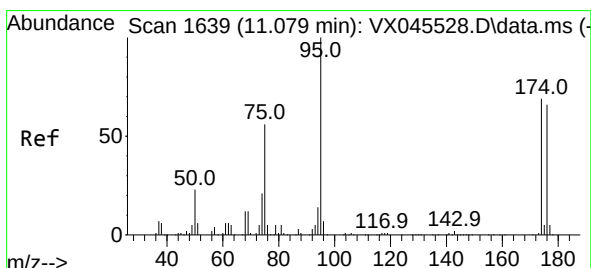
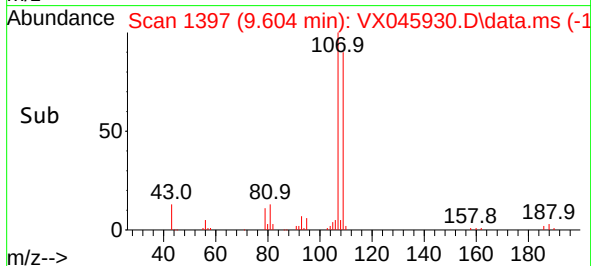
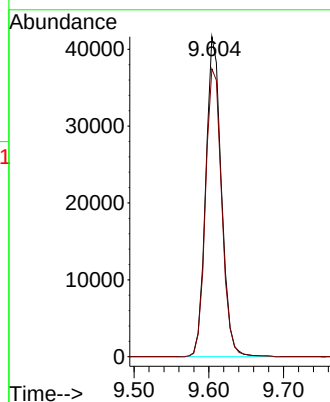
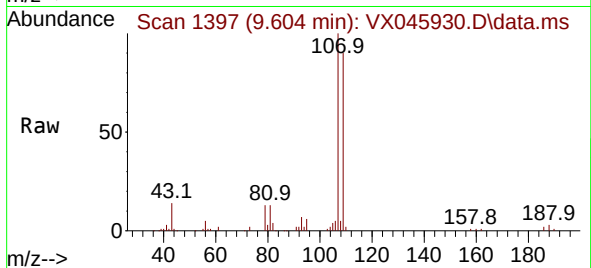
Tgt Ion:107 Resp: 60312
Ion Ratio Lower Upper
107 100
109 93.7 75.7 113.5

Manual Integrations

APPROVED

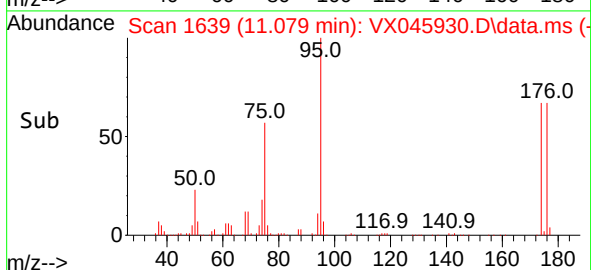
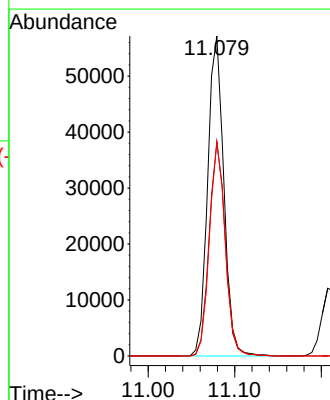
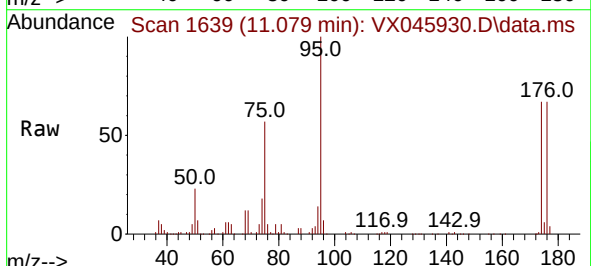
Reviewed By :John Carlone 04/25/2025

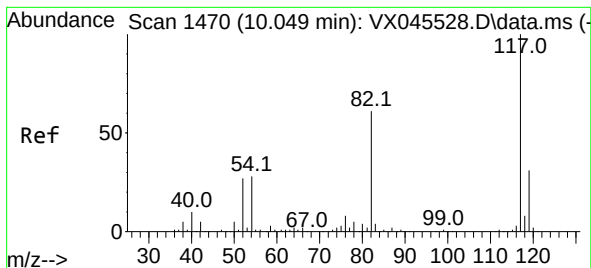
Supervised By :Mahesh Dadoda 04/25/2025



#62
4-Bromofluorobenzene
Concen: 57.332 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

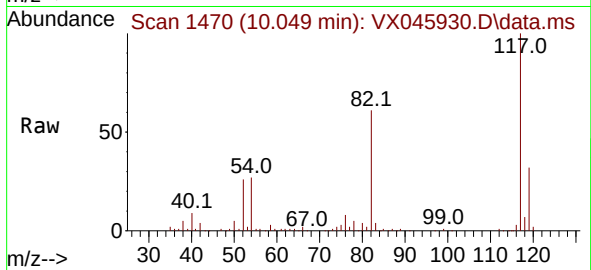
Tgt Ion: 95 Resp: 73858
Ion Ratio Lower Upper
95 100
174 66.7 0.0 135.8
176 65.1 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

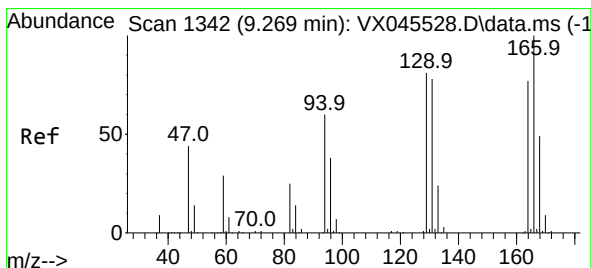
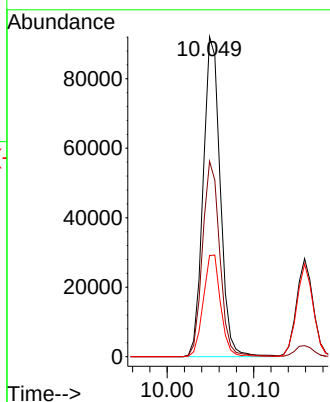
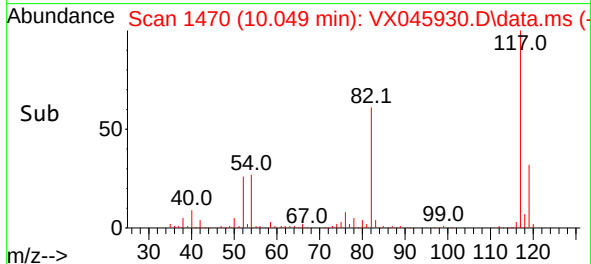
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 126162
Ion Ratio Lower Upper
117 100
82 61.1 49.2 73.8
119 31.6 25.1 37.7

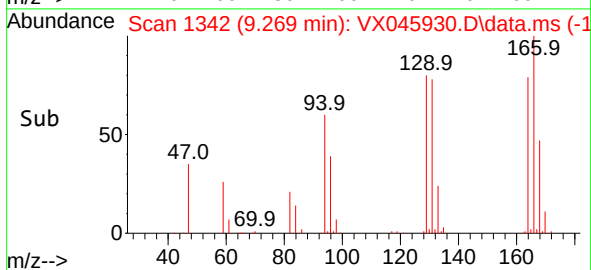
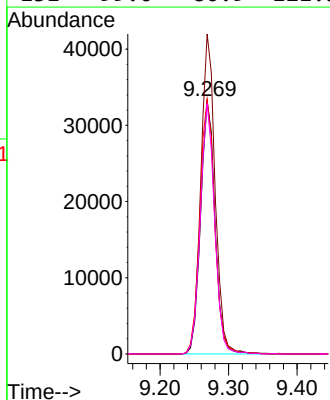
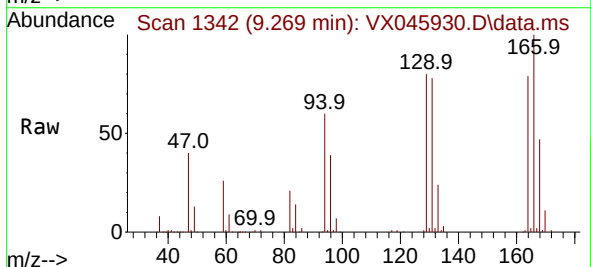
Manual Integrations
APPROVED

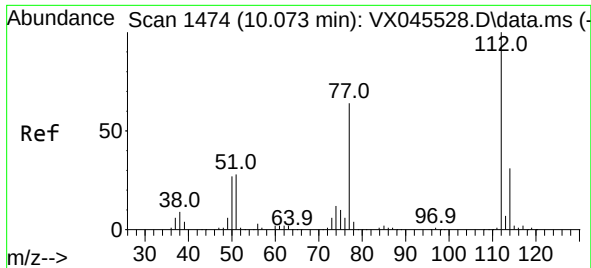
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#64
Tetrachloroethene
Concen: 54.666 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

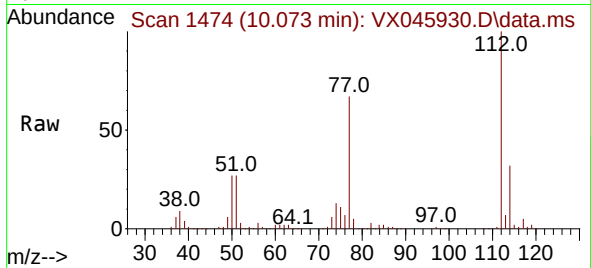
Tgt Ion:164 Resp: 48693
Ion Ratio Lower Upper
164 100
166 126.5 103.8 155.8
129 100.6 84.3 126.5
131 99.0 80.9 121.3





#65
Chlorobenzene
Concen: 57.920 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

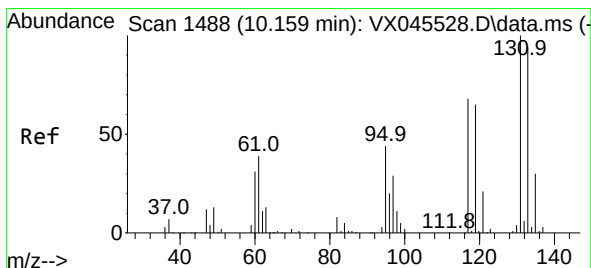
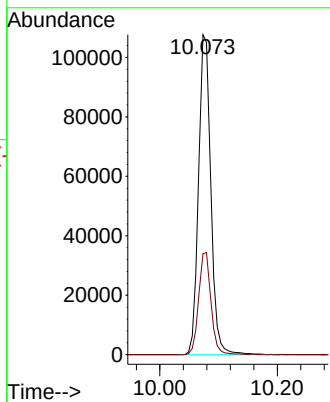
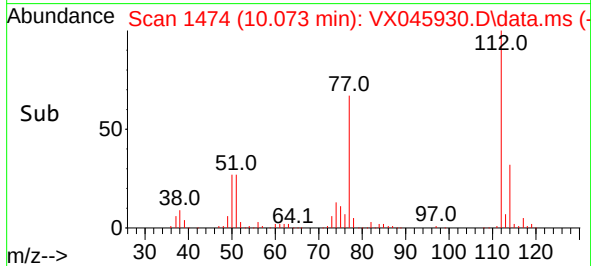
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



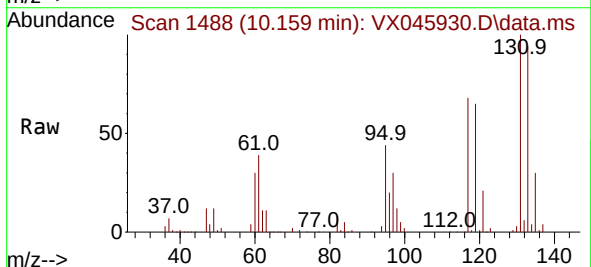
Tgt Ion:112 Resp: 15614
Ion Ratio Lower Upper
112 100
114 31.5 24.7 37.1

Manual Integrations
APPROVED

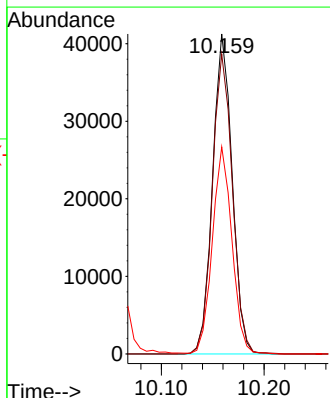
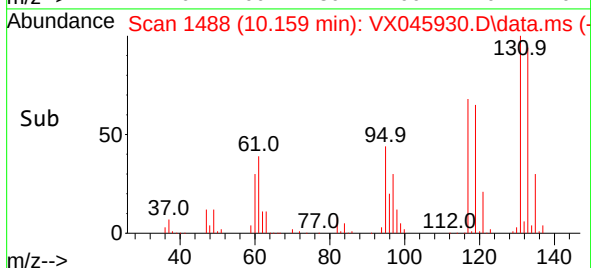
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025

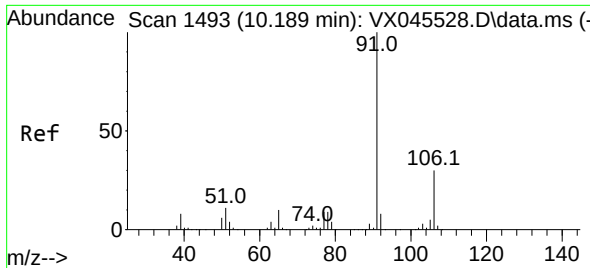


#66
1,1,1,2-Tetrachloroethane
Concen: 58.260 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27



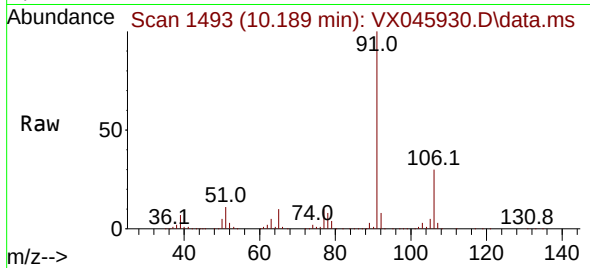
Tgt Ion:131 Resp: 54529
Ion Ratio Lower Upper
131 100
133 96.2 47.5 142.5
119 64.9 32.9 98.6





#67
Ethyl Benzene
Concen: 59.611 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

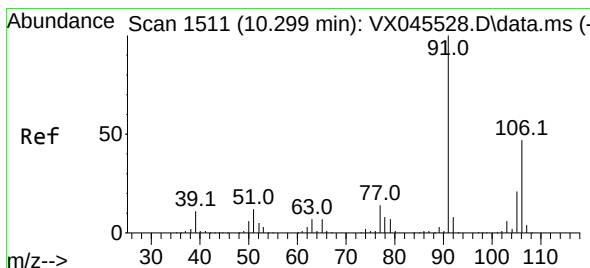
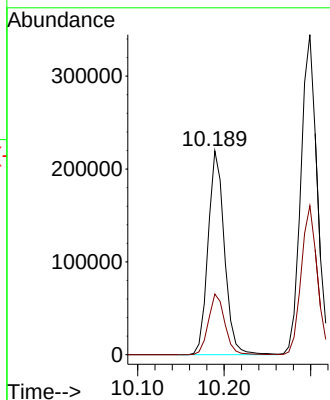
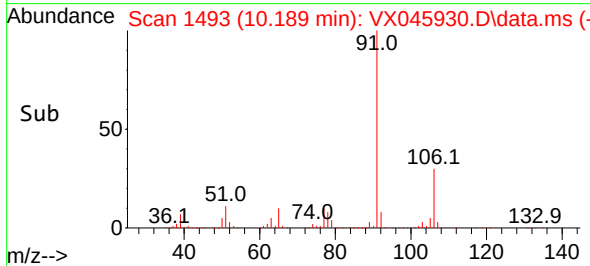
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



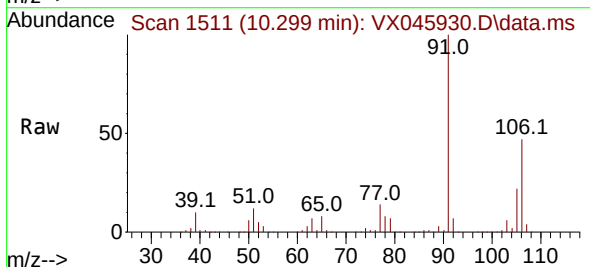
Tgt Ion: 91 Resp: 287823
Ion Ratio Lower Upper
91 100
106 29.7 23.7 35.5

Manual Integrations
APPROVED

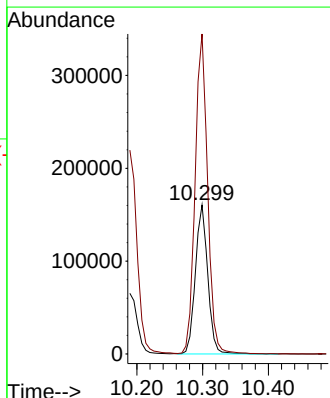
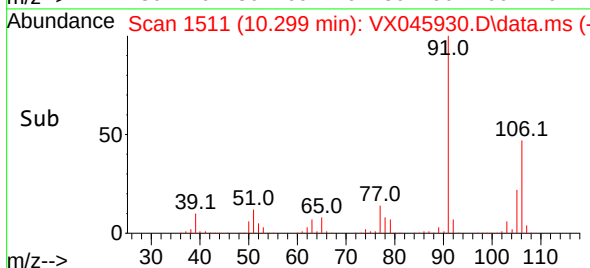
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025

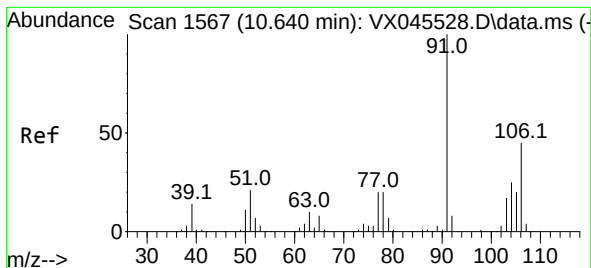


#68
m/p-Xylenes
Concen: 119.230 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27



Tgt Ion:106 Resp: 209381
Ion Ratio Lower Upper
106 100
91 217.4 172.6 258.8





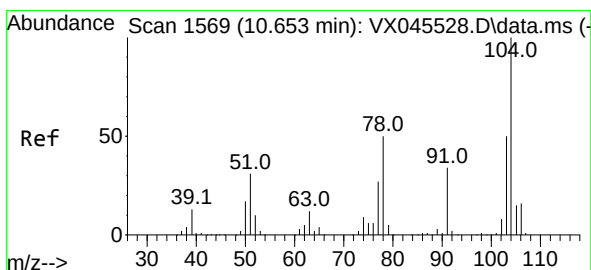
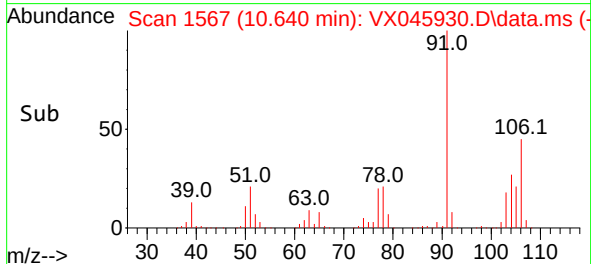
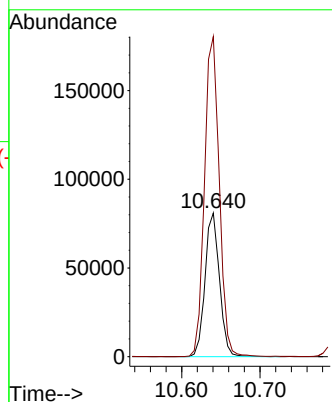
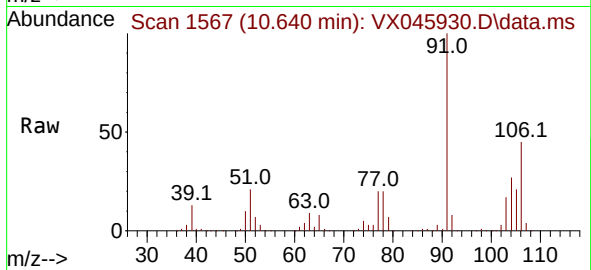
#69
o-Xylene
Concen: 59.784 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 10342
Ion Ratio Lower Upper
106 100
91 228.4 113.6 340.6

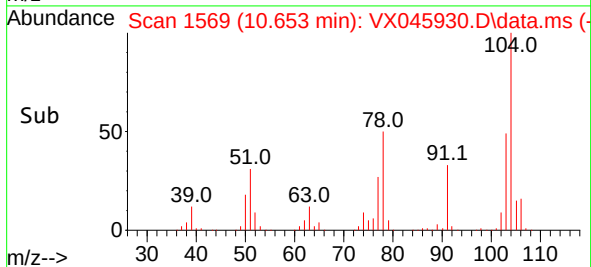
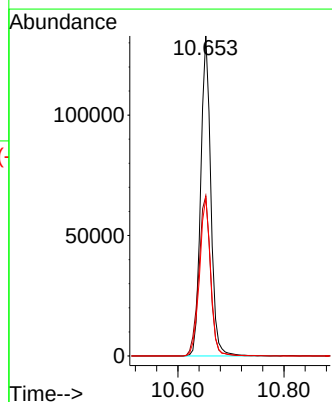
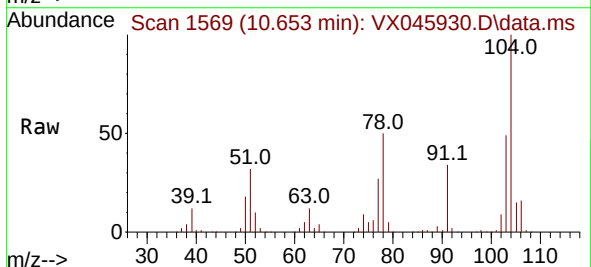
Manual Integrations
APPROVED

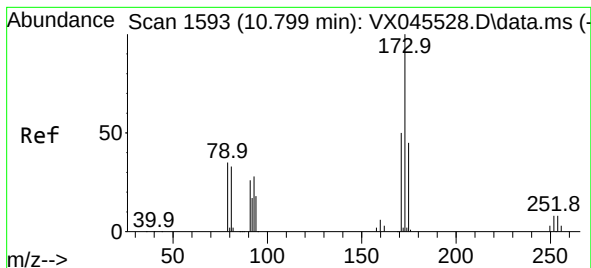
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#70
Styrene
Concen: 61.362 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

Tgt Ion:104 Resp: 175204
Ion Ratio Lower Upper
104 100
78 57.9 45.4 68.2
103 54.7 43.8 65.8





#71

Bromoform

Concen: 59.210 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX045930.D

Acq: 24 Apr 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

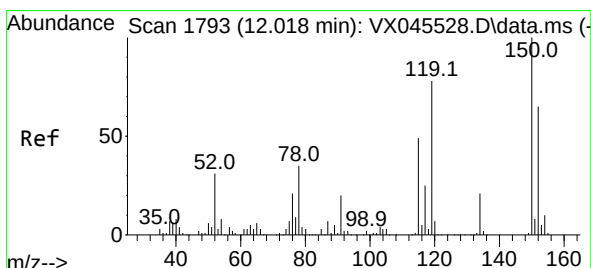
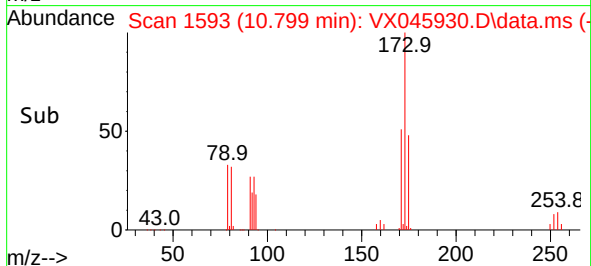
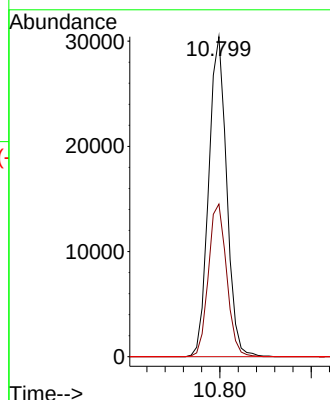
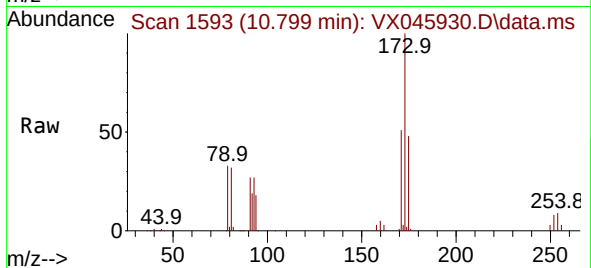
Tgt Ion:173	Resp:	41379
Ion Ratio	Lower	Upper
173	100	
175	48.4	23.4 70.2
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2025

Supervised By :Mahesh Dadoda 04/25/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

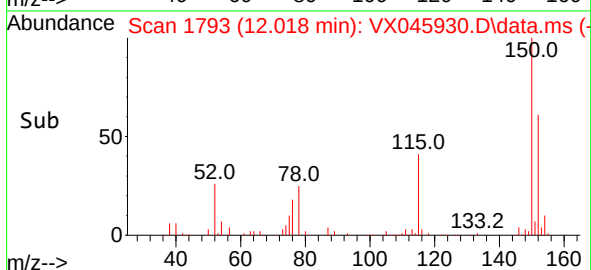
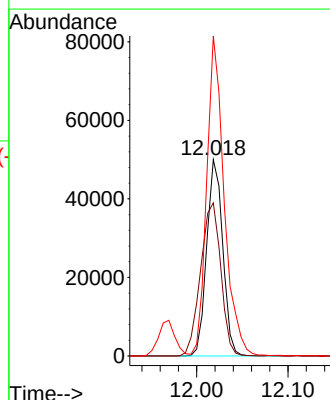
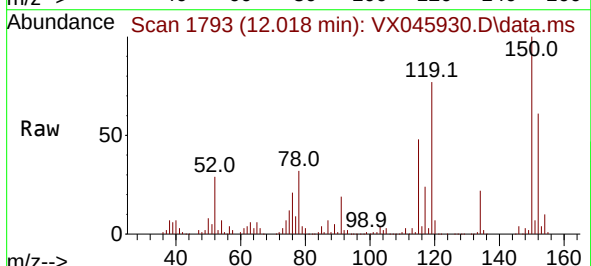
RT: 12.018 min Scan# 1793

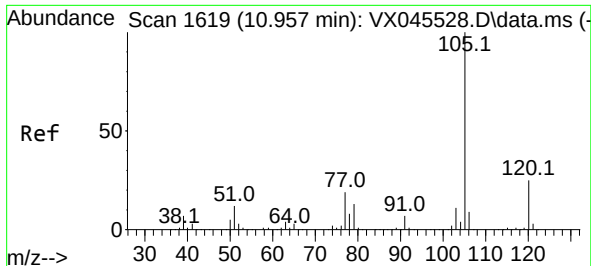
Delta R.T. 0.000 min

Lab File: VX045930.D

Acq: 24 Apr 2025 16:27

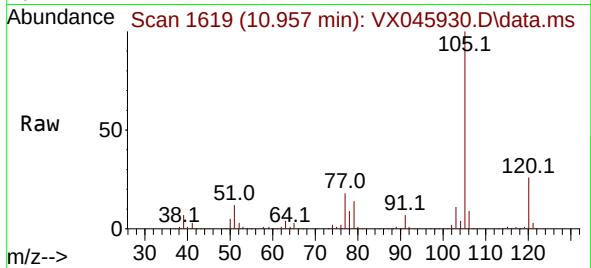
Tgt Ion:152	Resp:	60891
Ion Ratio	Lower	Upper
152	100	
115	98.4	46.9 140.7
150	176.7	0.0 349.4





#73
Isopropylbenzene
Concen: 56.588 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

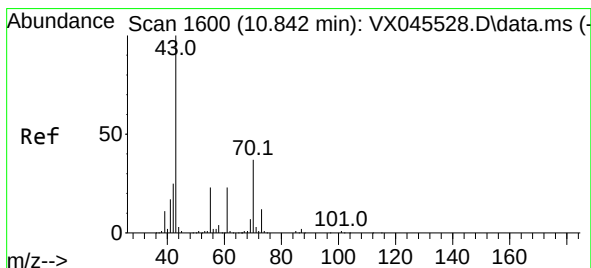
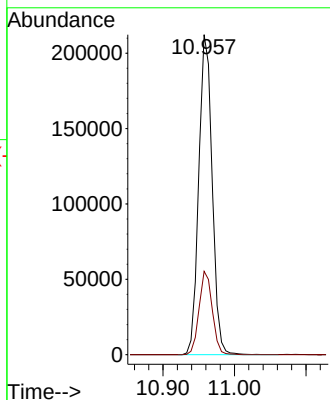
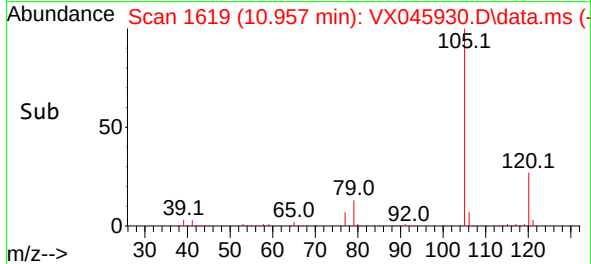
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 276000
Ion Ratio Lower Upper
105 100
120 25.7 12.7 38.0

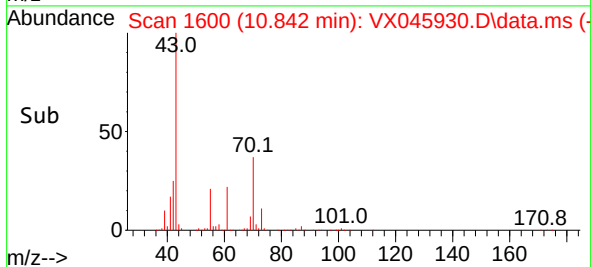
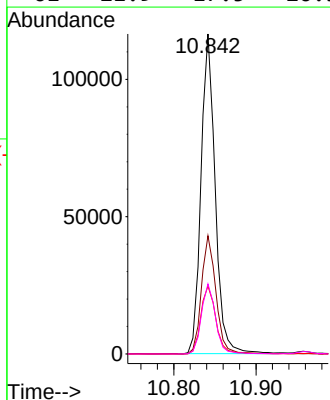
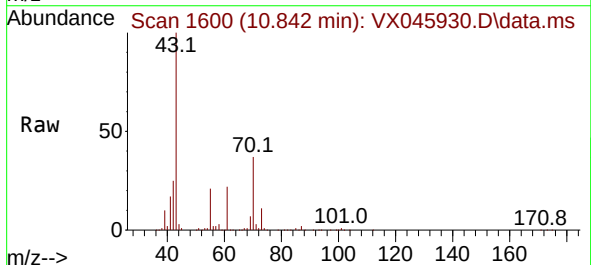
Manual Integrations
APPROVED

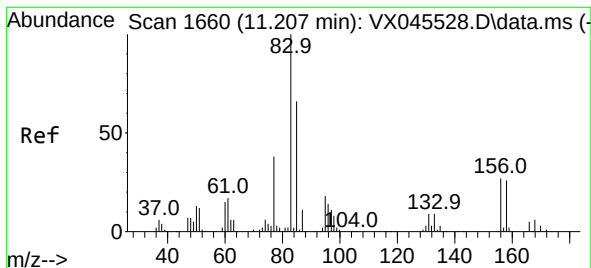
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#74
N-ethyl acetate
Concen: 59.822 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

Tgt Ion: 43 Resp: 139571
Ion Ratio Lower Upper
43 100
70 37.8 30.1 45.1
55 22.6 18.3 27.5
61 21.9 17.5 26.3





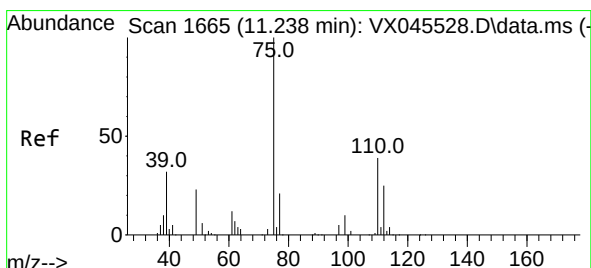
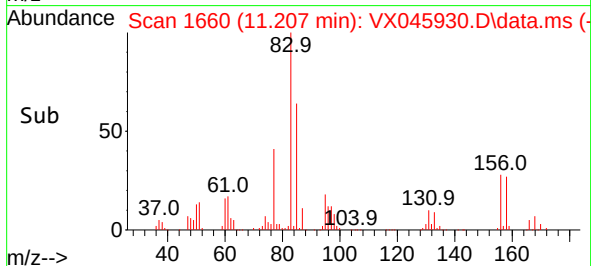
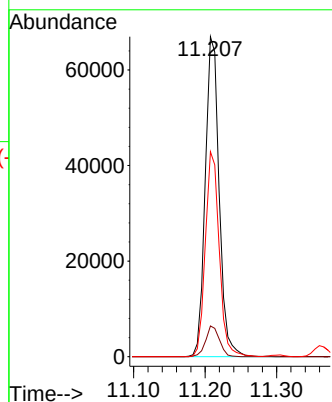
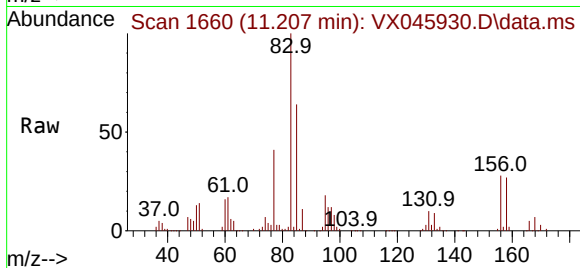
#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.842 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. 0.000 min
 Lab File: VX045930.D
 Acq: 24 Apr 2025 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 83 Resp: 90538
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.7 14.1
 85 64.0 32.4 97.2

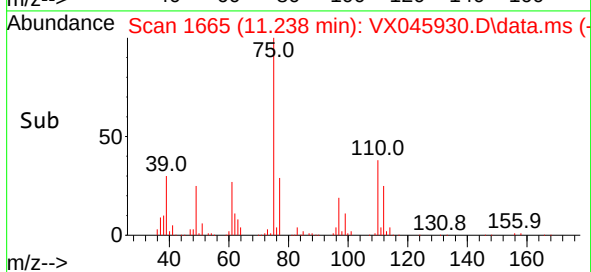
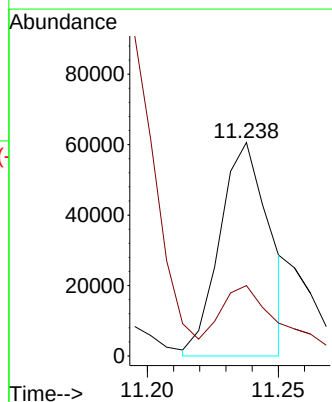
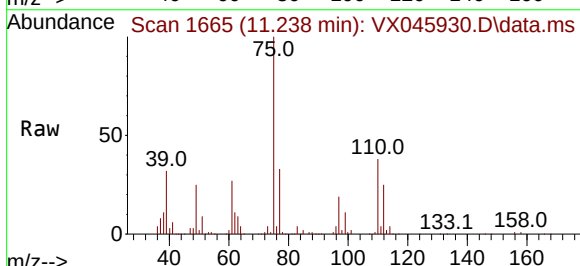
Manual Integrations
 APPROVED

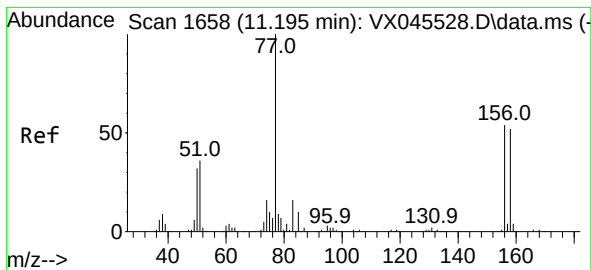
Reviewed By :John Carlone 04/25/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#76
 1,2,3-Trichloropropane
 Concen: 53.463 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX045930.D
 Acq: 24 Apr 2025 16:27

Tgt Ion: 75 Resp: 79407
 Ion Ratio Lower Upper
 75 100
 77 41.0 20.0 59.9





#77

Bromobenzene

Concen: 54.304 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX045930.D

Acq: 24 Apr 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

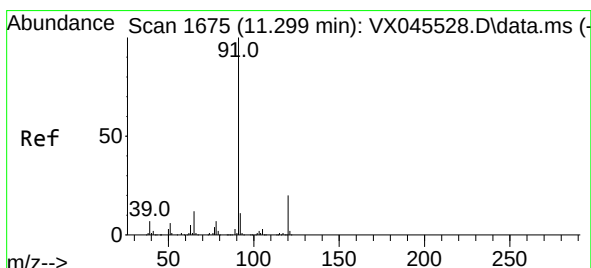
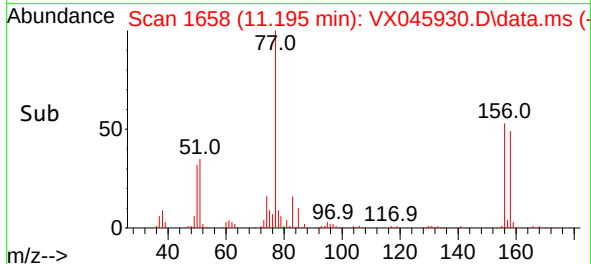
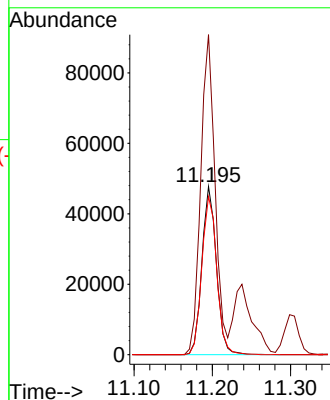
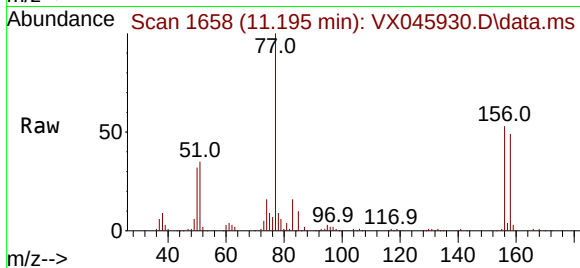
Tgt Ion:	156	Resp:	61198
Ion Ratio	Lower	Upper	
156	100		
77	189.1	92.6	277.8
158	97.2	48.1	144.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2025

Supervised By :Mahesh Dadoda 04/25/2025



#78

n-propylbenzene

Concen: 58.005 ug/l

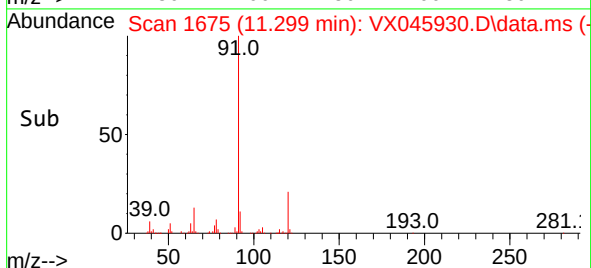
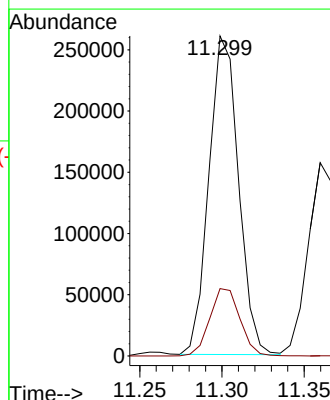
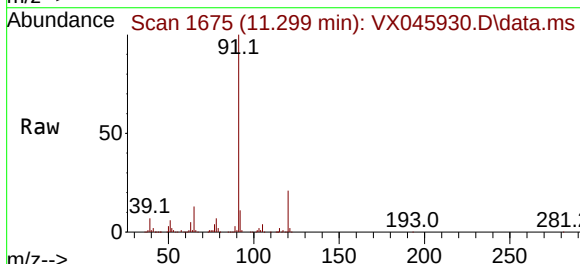
RT: 11.299 min Scan# 1675

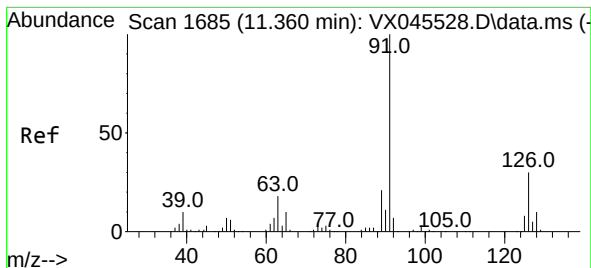
Delta R.T. 0.000 min

Lab File: VX045930.D

Acq: 24 Apr 2025 16:27

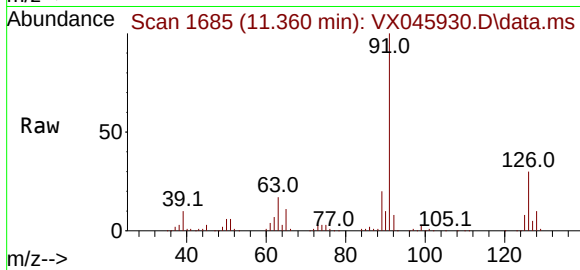
Tgt Ion:	91	Resp:	325870
Ion Ratio	Lower	Upper	
91	100		
120	21.6	10.8	32.3





#79
2-Chlorotoluene
Concen: 56.005 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

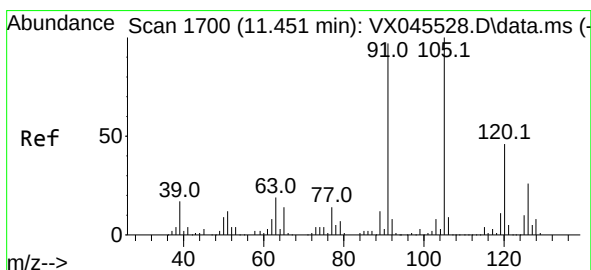
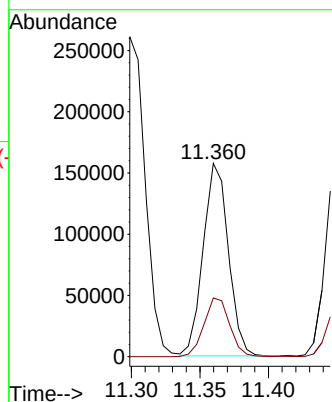
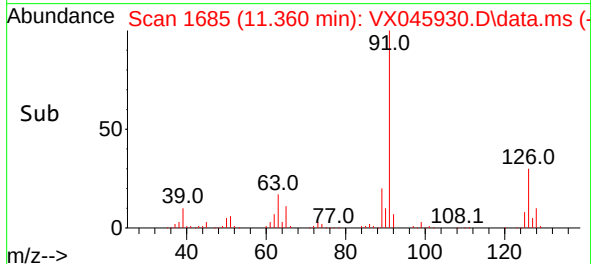
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



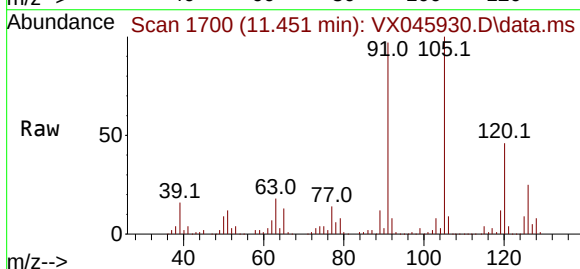
Tgt Ion: 91 Resp: 20114
Ion Ratio Lower Upper
91 100
126 31.2 15.8 47.4

Manual Integrations
APPROVED

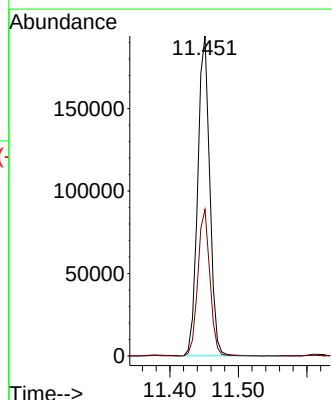
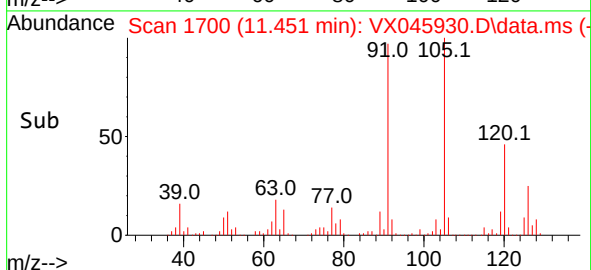
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025

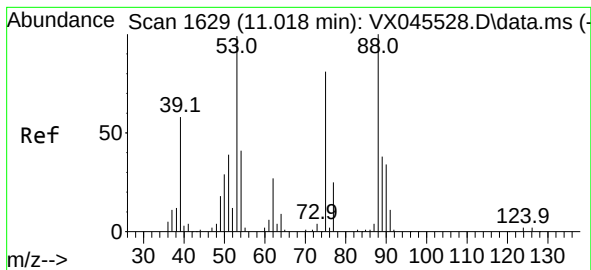


#80
1,3,5-Trimethylbenzene
Concen: 58.805 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27



Tgt Ion:105 Resp: 237172
Ion Ratio Lower Upper
105 100
120 45.9 23.0 69.0





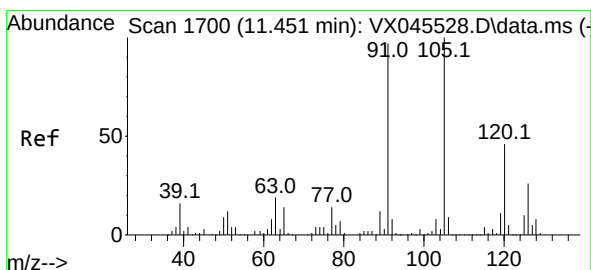
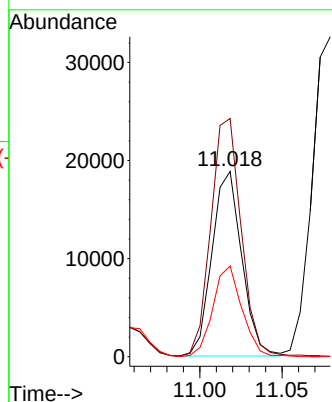
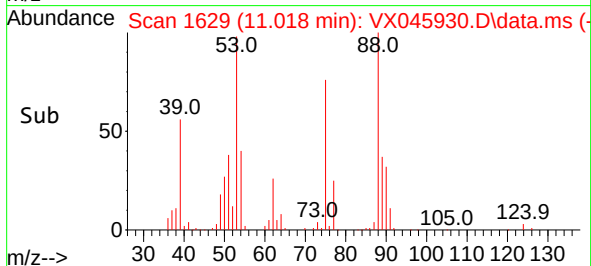
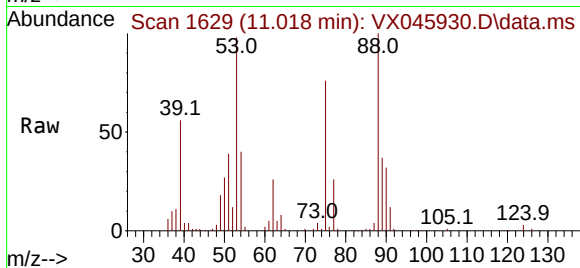
#81
trans-1,4-Dichloro-2-butene
Concen: 54.212 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 23729
Ion Ratio Lower Upper
75 100
53 131.2 101.8 152.6
89 48.0 37.2 55.8

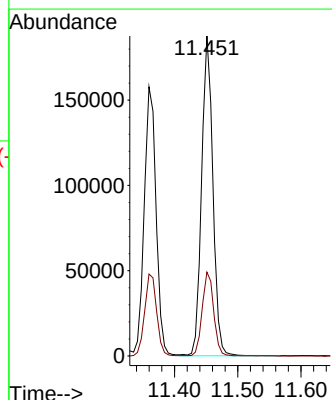
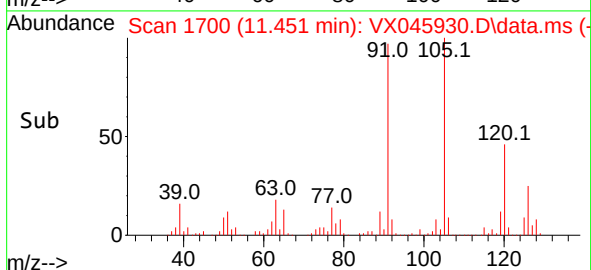
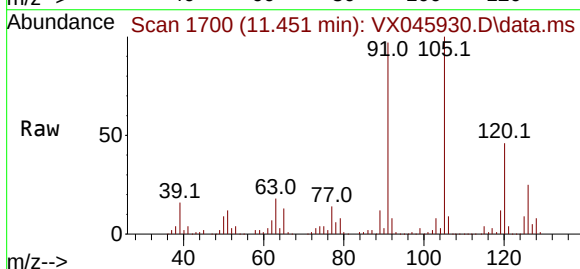
Manual Integrations
APPROVED

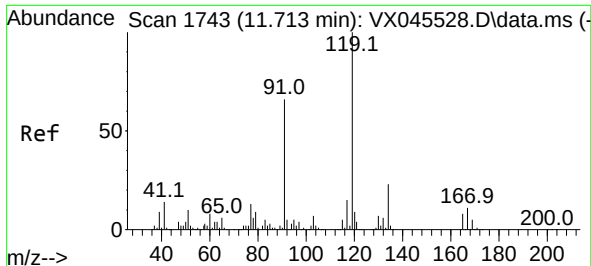
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#82
4-Chlorotoluene
Concen: 58.160 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

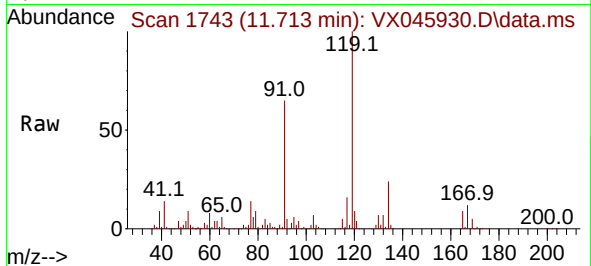
Tgt Ion: 91 Resp: 232896
Ion Ratio Lower Upper
91 100
126 26.8 13.3 39.9





#83
tert-Butylbenzene
Concen: 58.124 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

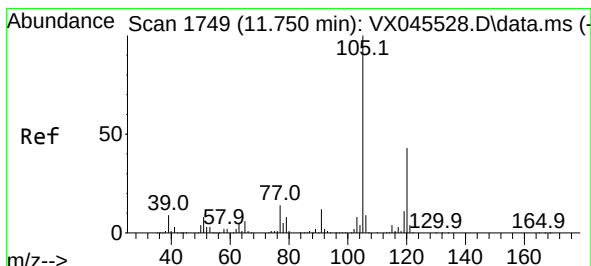
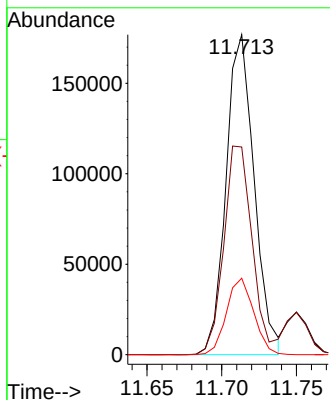
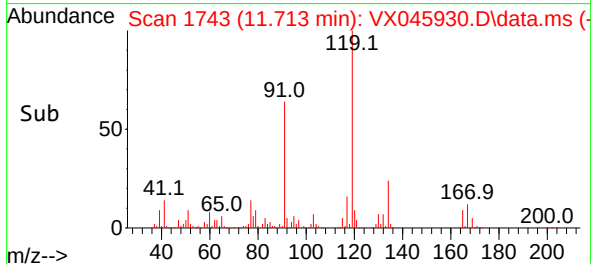
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



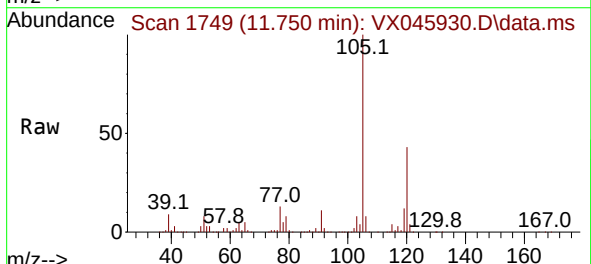
Tgt Ion:119 Resp: 232090
Ion Ratio Lower Upper
119 100
91 64.9 32.4 97.2
134 23.1 11.5 34.5

Manual Integrations
APPROVED

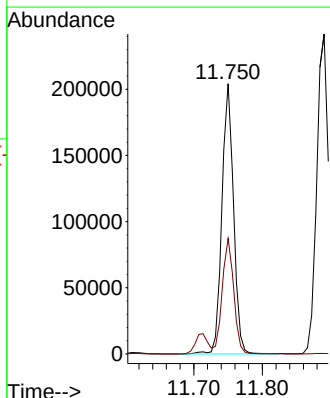
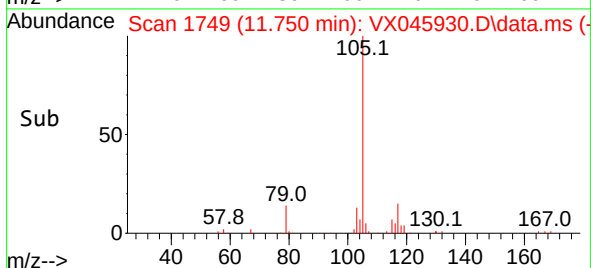
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025

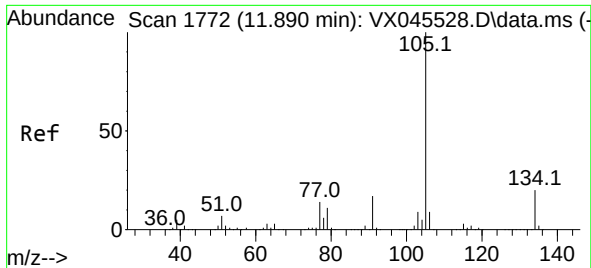


#84
1,2,4-Trimethylbenzene
Concen: 59.016 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27



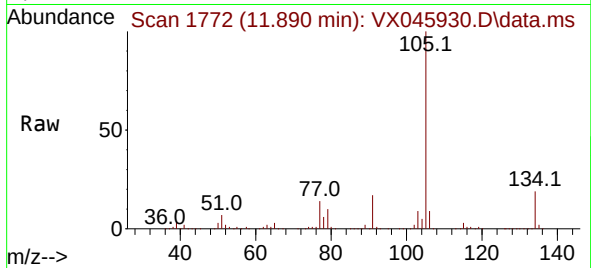
Tgt Ion:105 Resp: 238900
Ion Ratio Lower Upper
105 100
120 42.5 21.4 64.3





#85
 sec-Butylbenzene
 Concen: 59.976 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045930.D
 Acq: 24 Apr 2025 16:27

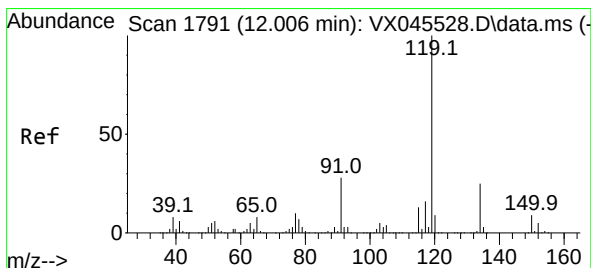
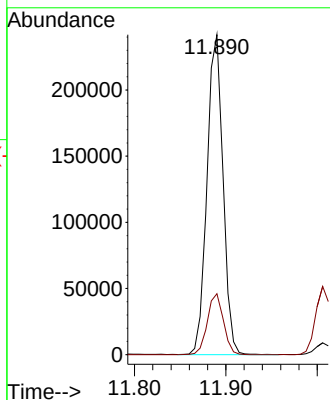
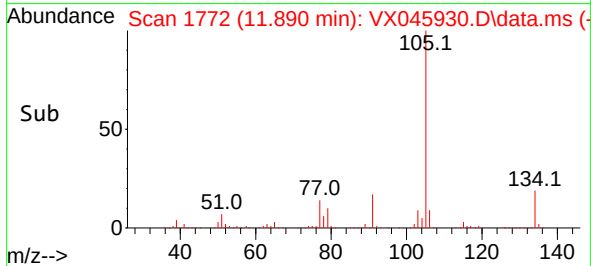
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



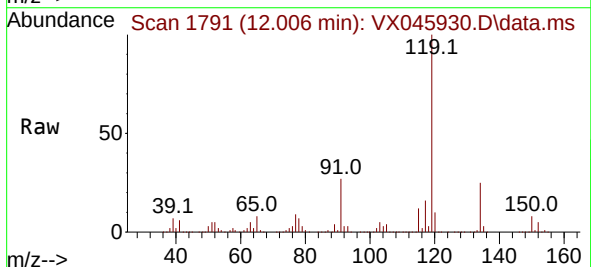
Tgt Ion:105 Resp: 294145
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.6 28.6

Manual Integrations
 APPROVED

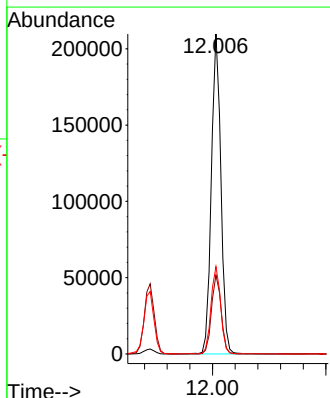
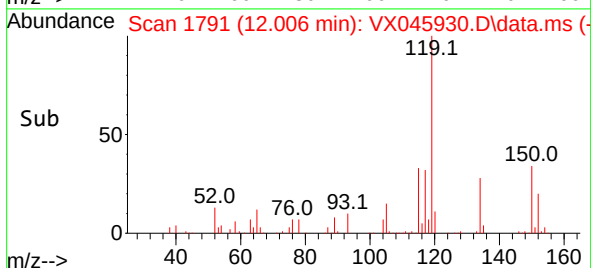
Reviewed By :John Carlone 04/25/2025
 Supervised By :Mahesh Dadoda 04/25/2025

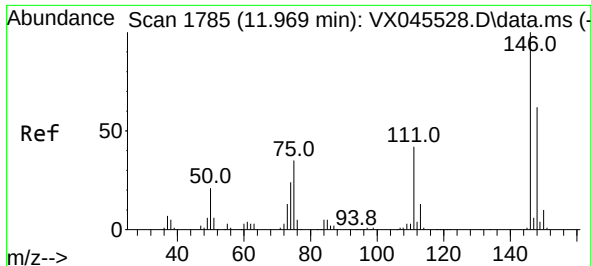


#86
 p-Isopropyltoluene
 Concen: 60.318 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045930.D
 Acq: 24 Apr 2025 16:27



Tgt Ion:119 Resp: 243887
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.6 37.8
 91 27.5 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 56.149 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045930.D

Acq: 24 Apr 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 115184

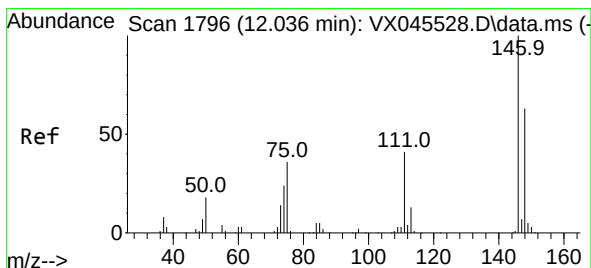
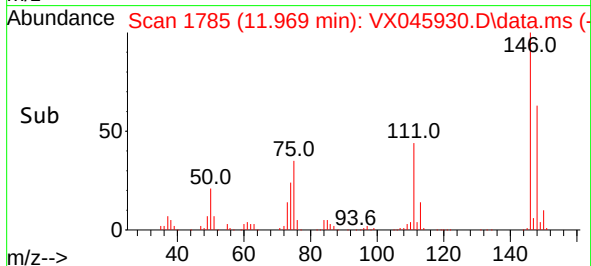
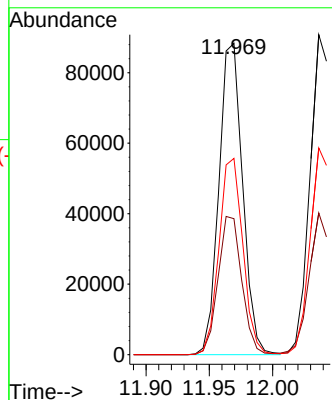
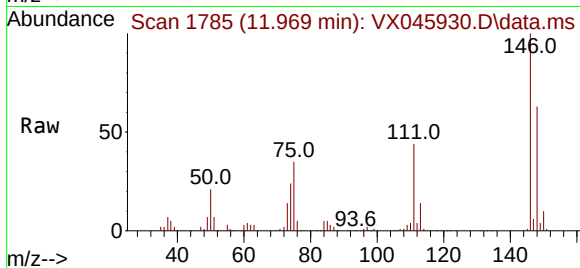
Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.2	66.6
148	63.5	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2025

Supervised By :Mahesh Dadoda 04/25/2025



#88

1,4-Dichlorobenzene

Concen: 55.286 ug/l

RT: 12.036 min Scan# 1796

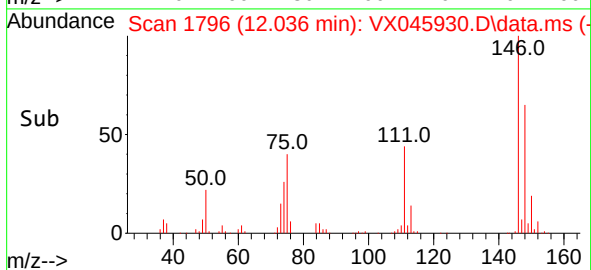
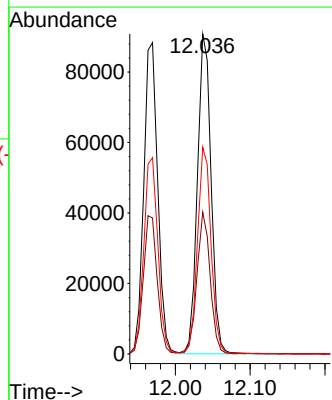
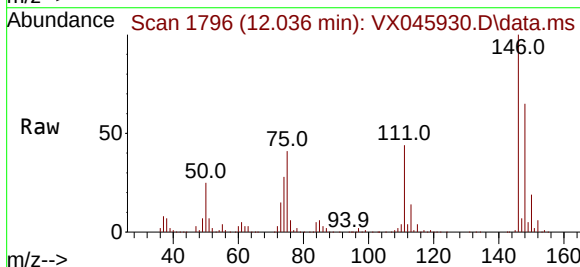
Delta R.T. 0.000 min

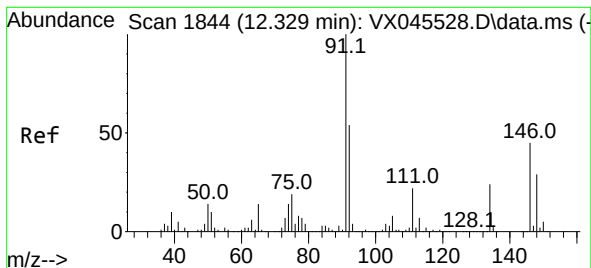
Lab File: VX045930.D

Acq: 24 Apr 2025 16:27

Tgt Ion:146 Resp: 114977

Ion	Ratio	Lower	Upper
146	100		
111	43.2	20.9	62.8
148	64.3	31.5	94.5





#89

n-Butylbenzene

Concen: 62.236 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX045930.D

Acq: 24 Apr 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 21821

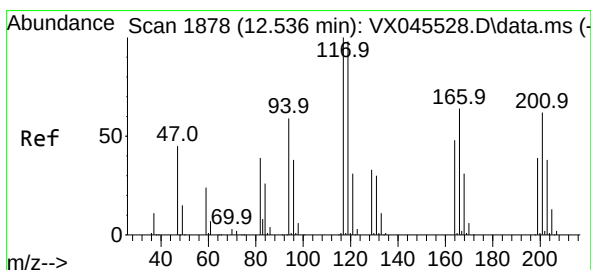
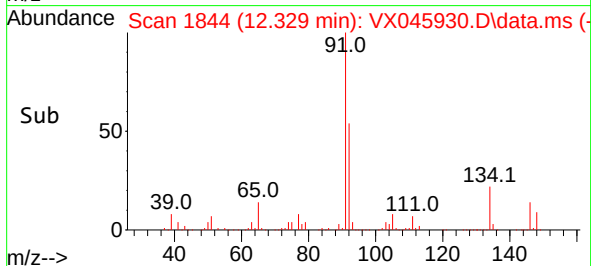
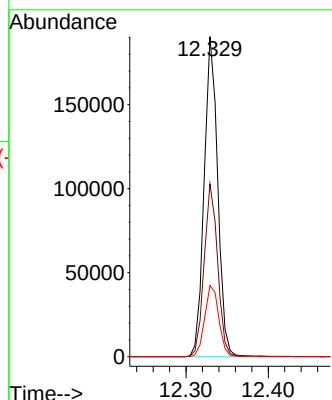
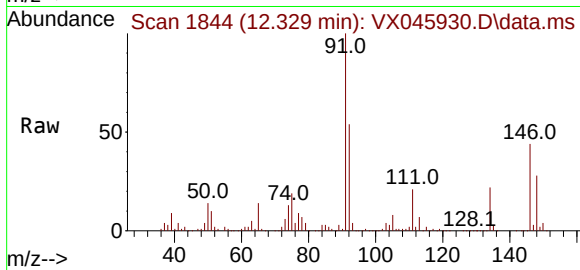
Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.9	80.6
134	23.2	11.9	35.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2025

Supervised By :Mahesh Dadoda 04/25/2025



#90

Hexachloroethane

Concen: 59.560 ug/l

RT: 12.536 min Scan# 1878

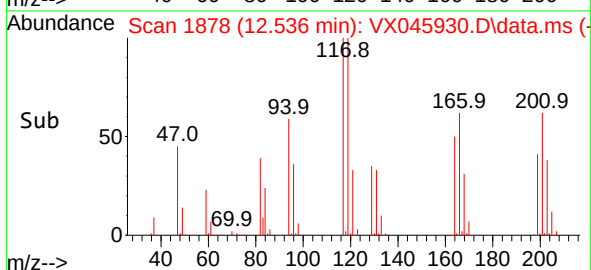
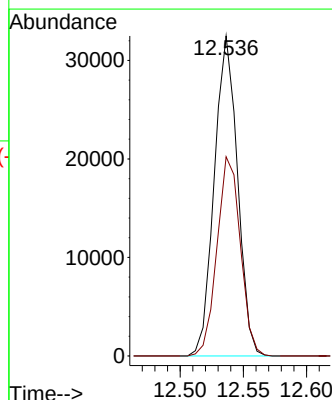
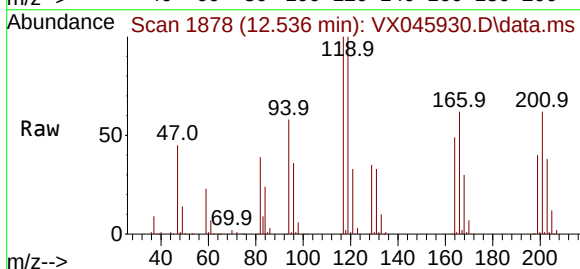
Delta R.T. 0.000 min

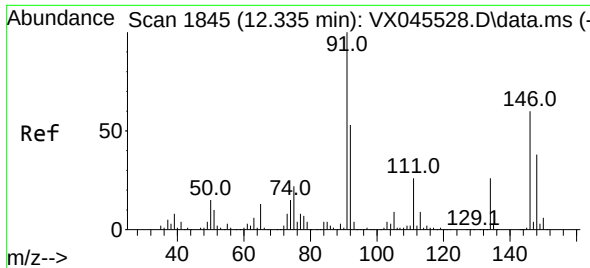
Lab File: VX045930.D

Acq: 24 Apr 2025 16:27

Tgt Ion:117 Resp: 41387

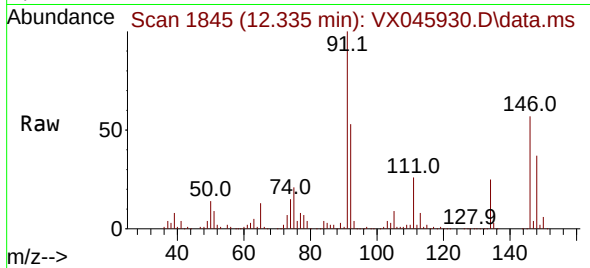
Ion	Ratio	Lower	Upper
117	100		
201	62.7	31.2	93.6





#91
1,2-Dichlorobenzene
Concen: 55.017 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

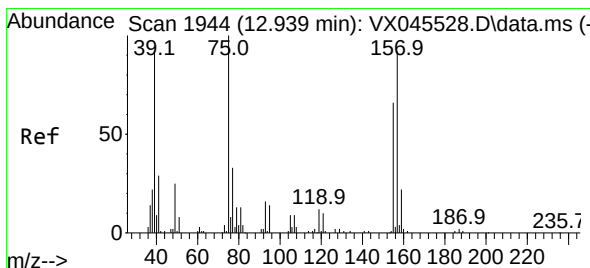
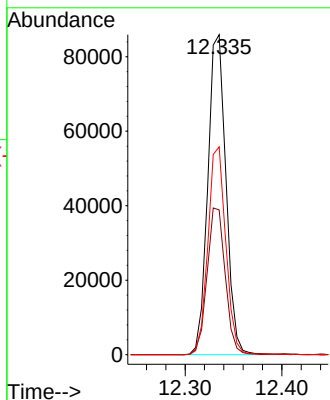
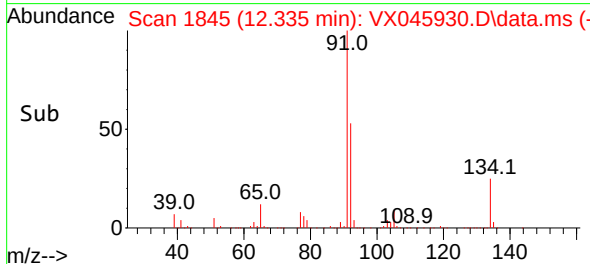
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



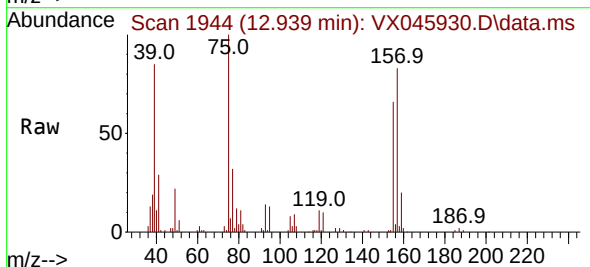
Tgt Ion:146 Resp: 11220
Ion Ratio Lower Upper
146 100
111 46.0 22.9 68.8
148 64.1 31.9 95.5

Manual Integrations
APPROVED

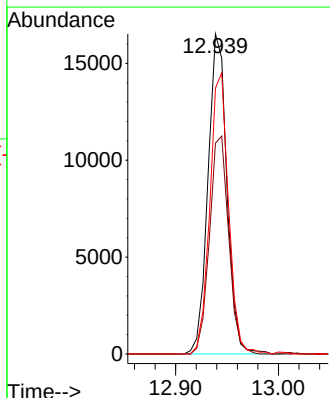
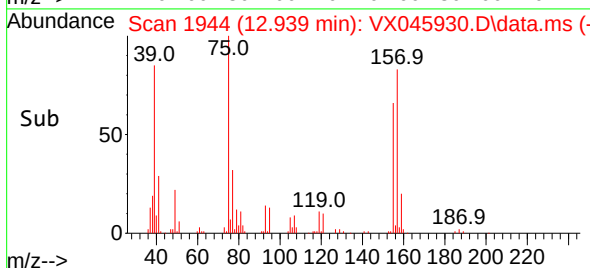
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025

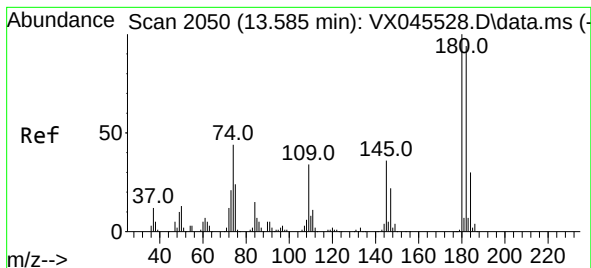


#92
1,2-Dibromo-3-Chloropropane
Concen: 58.932 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27



Tgt Ion: 75 Resp: 21117
Ion Ratio Lower Upper
75 100
155 69.0 34.9 104.7
157 86.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 58.646 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX045930.D

Acq: 24 Apr 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

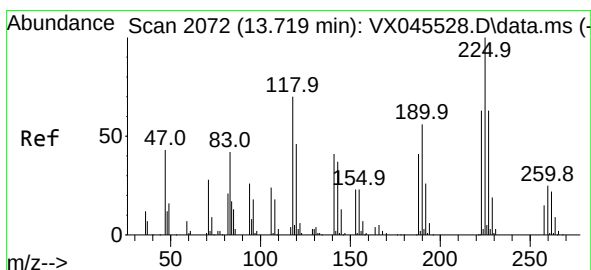
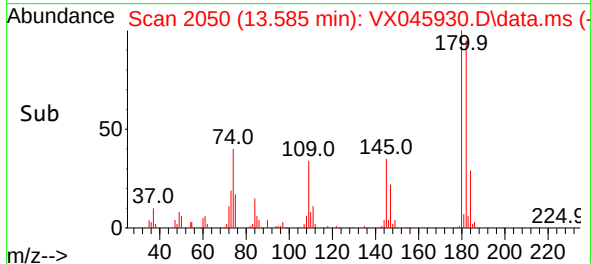
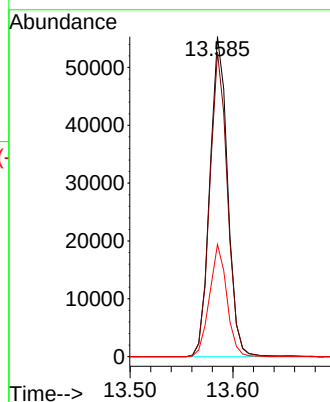
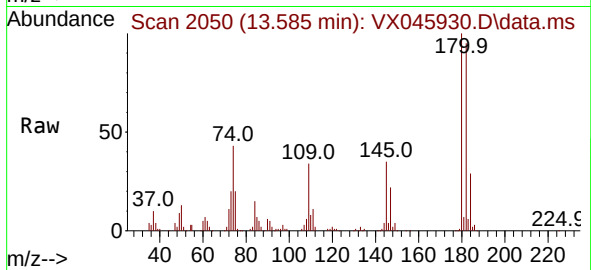
Tgt Ion:180	Resp:	66578
Ion Ratio	Lower	Upper
180	100	
182	94.7	47.9 143.6
145	34.1	17.9 53.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2025

Supervised By :Mahesh Dadoda 04/25/2025



#94

Hexachlorobutadiene

Concen: 56.114 ug/l

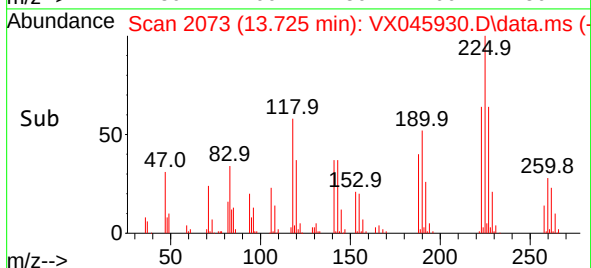
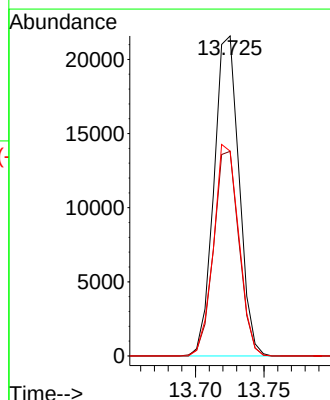
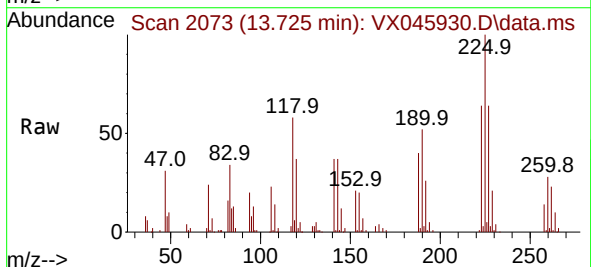
RT: 13.725 min Scan# 2073

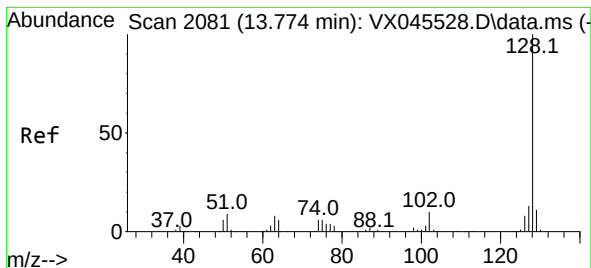
Delta R.T. 0.006 min

Lab File: VX045930.D

Acq: 24 Apr 2025 16:27

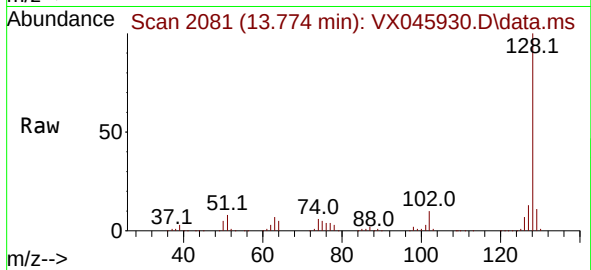
Tgt Ion:225	Resp:	27451
Ion Ratio	Lower	Upper
225	100	
223	64.7	31.1 93.3
227	66.4	32.2 96.6





#95
Naphthalene
Concen: 57.967 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27

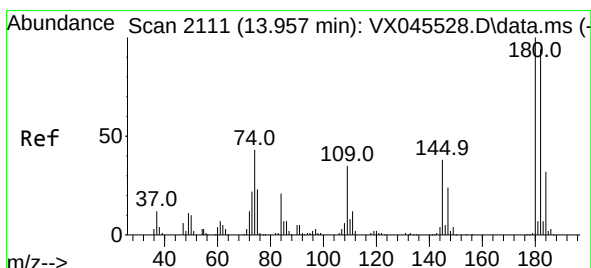
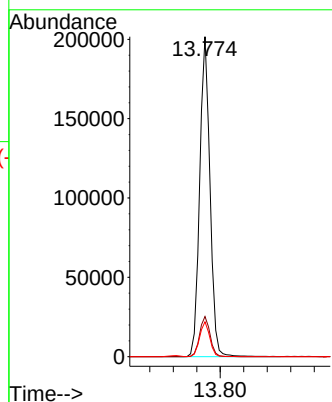
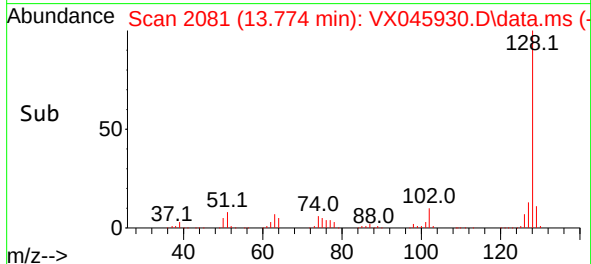
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



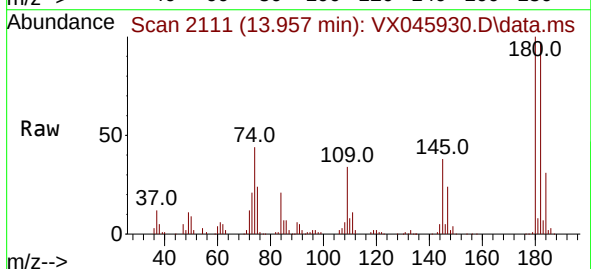
Tgt Ion:128 Resp: 24489
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#96
1,2,3-Trichlorobenzene
Concen: 56.736 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045930.D
Acq: 24 Apr 2025 16:27



Tgt Ion:180 Resp: 67445
Ion Ratio Lower Upper
180 100
182 94.2 47.3 141.8
145 36.4 18.2 54.6

