

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
 Data File : VX045899.D
 Acq On : 23 Apr 2025 08:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/24/2025
 Supervised By : Mahesh Dadoda 04/25/2025

Quant Time: Apr 24 02:12:55 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	95647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	161242	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	140950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	84126	48.096	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.200%		
35) Dibromofluoromethane	5.379	113	58690	51.302	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.600%		
50) Toluene-d8	8.641	98	192765	48.275	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.560%		
62) 4-Bromofluorobenzene	11.079	95	77324	53.163	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	106.320%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	73113	51.114	ug/l	98
3) Chloromethane	1.301	50	73797	50.219	ug/l	99
4) Vinyl Chloride	1.374	62	67248	50.005	ug/l	99
5) Bromomethane	1.593	94	31361	49.182	ug/l	98
6) Chloroethane	1.672	64	37676	52.804	ug/l	99
7) Trichlorofluoromethane	1.874	101	109633	54.669	ug/l	100
8) Diethyl Ether	2.130	74	34510	51.257	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	65622	55.843	ug/l	98
10) Methyl Iodide	2.447	142	80418	54.865	ug/l	98
11) Tert butyl alcohol	2.971	59	58610	249.330	ug/l	99
12) 1,1-Dichloroethene	2.313	96	58365	50.830	ug/l	99
13) Acrolein	2.233	56	64387	198.905	ug/l	98
14) Allyl chloride	2.654	41	116224	53.347	ug/l	98
15) Acrylonitrile	3.056	53	182529	245.986	ug/l	100
16) Acetone	2.380	43	182314	253.833	ug/l	98
17) Carbon Disulfide	2.502	76	140208	49.439	ug/l	99
18) Methyl Acetate	2.703	43	88934	53.780	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	213195	53.077	ug/l	97
20) Methylene Chloride	2.782	84	68975	51.296	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	60468	51.546	ug/l	100
22) Diisopropyl ether	3.757	45	226279	52.726	ug/l	96
23) Vinyl Acetate	3.715	43	1001616	270.128	ug/l	100
24) 1,1-Dichloroethane	3.599	63	126363	52.064	ug/l	99
25) 2-Butanone	4.550	43	260142	247.433	ug/l	100
26) 2,2-Dichloropropane	4.465	77	98883	63.058	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	73701	51.568	ug/l	98
28) Bromochloromethane	4.885	49	57093	48.678	ug/l	100
29) Tetrahydrofuran	4.995	42	163505	239.873	ug/l	99
30) Chloroform	5.086	83	130475	52.245	ug/l	96
31) Cyclohexane	5.458	56	111734	52.074	ug/l	98
32) 1,1,1-Trichloroethane	5.367	97	113019	53.482	ug/l	100
36) 1,1-Dichloropropene	5.684	75	85490	55.346	ug/l	99
37) Ethyl Acetate	4.702	43	99702	51.219	ug/l	100
38) Carbon Tetrachloride	5.666	117	97005	58.108	ug/l	98
39) Methylcyclohexane	7.373	83	112666	59.504	ug/l	99
40) Benzene	6.025	78	252897	53.608	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	57662	56.142	ug/l	98
42) 1,2-Dichloroethane	6.080	62	108962	55.922	ug/l	99
43) Isopropyl Acetate	6.330	43	161701	54.808	ug/l	100
44) Trichloroethene	7.117	130	61712	55.037	ug/l	95
45) 1,2-Dichloropropane	7.421	63	64481	54.781	ug/l	94
46) Dibromomethane	7.574	93	49675	54.977	ug/l	99
47) Bromodichloromethane	7.812	83	100788	55.855	ug/l	97
48) Methyl methacrylate	7.690	41	85035	55.823	ug/l	98
49) 1,4-Dioxane	7.653	88	27054	981.628	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	525968	268.927	ug/l	100
52) Toluene	8.714	92	156390	54.786	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	93189	53.534	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	100632	59.345	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	61669	54.214	ug/l	96
56) Ethyl methacrylate	9.110	69	101413	57.607	ug/l	99
57) 1,3-Dichloropropane	9.305	76	107114	54.076	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	247364	277.765	ug/l	100
59) 2-Hexanone	9.427	43	383073	264.494	ug/l	100
60) Dibromochloromethane	9.519	129	71543	57.691	ug/l	98
61) 1,2-Dibromoethane	9.604	107	63489	55.136	ug/l	99
64) Tetrachloroethene	9.269	164	57896	58.178	ug/l	98
65) Chlorobenzene	10.073	112	167539	55.626	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	58745	56.179	ug/l	99
67) Ethyl Benzene	10.189	91	309233	57.326	ug/l	99
68) m/p-Xylenes	10.299	106	224676	114.517	ug/l	99
69) o-Xylene	10.640	106	109651	56.734	ug/l	99
70) Styrene	10.652	104	186682	58.523	ug/l	99
71) Bromoform	10.799	173	45100	57.764	ug/l #	99
73) Isopropylbenzene	10.957	105	294115	54.345	ug/l	99
74) N-amyl acetate	10.841	43	141219	54.549	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	91824	48.299	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	82701m	50.180	ug/l	
77) Bromobenzene	11.195	156	65629	52.484	ug/l	99
78) n-propylbenzene	11.299	91	349327	56.038	ug/l	99
79) 2-Chlorotoluene	11.360	91	211251	53.009	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	250835	56.049	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	26917	55.430	ug/l	99
82) 4-Chlorotoluene	11.451	91	249670	56.190	ug/l	100
83) tert-Butylbenzene	11.713	119	243641	54.990	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	253529	56.443	ug/l	99
85) sec-Butylbenzene	11.884	105	311103	57.168	ug/l	100
86) p-Isopropyltoluene	12.006	119	259221	57.778	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	122878	53.983	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	122455	53.065	ug/l	98
89) n-Butylbenzene	12.329	91	236910	60.894	ug/l	100
90) Hexachloroethane	12.536	117	44822	58.131	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	122014	53.916	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21567	54.243	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	70838	56.235	ug/l	99
94) Hexachlorobutadiene	13.725	225	31143	57.373	ug/l	99
95) Naphthalene	13.774	128	249249	53.170	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	72179	54.720	ug/l	99

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

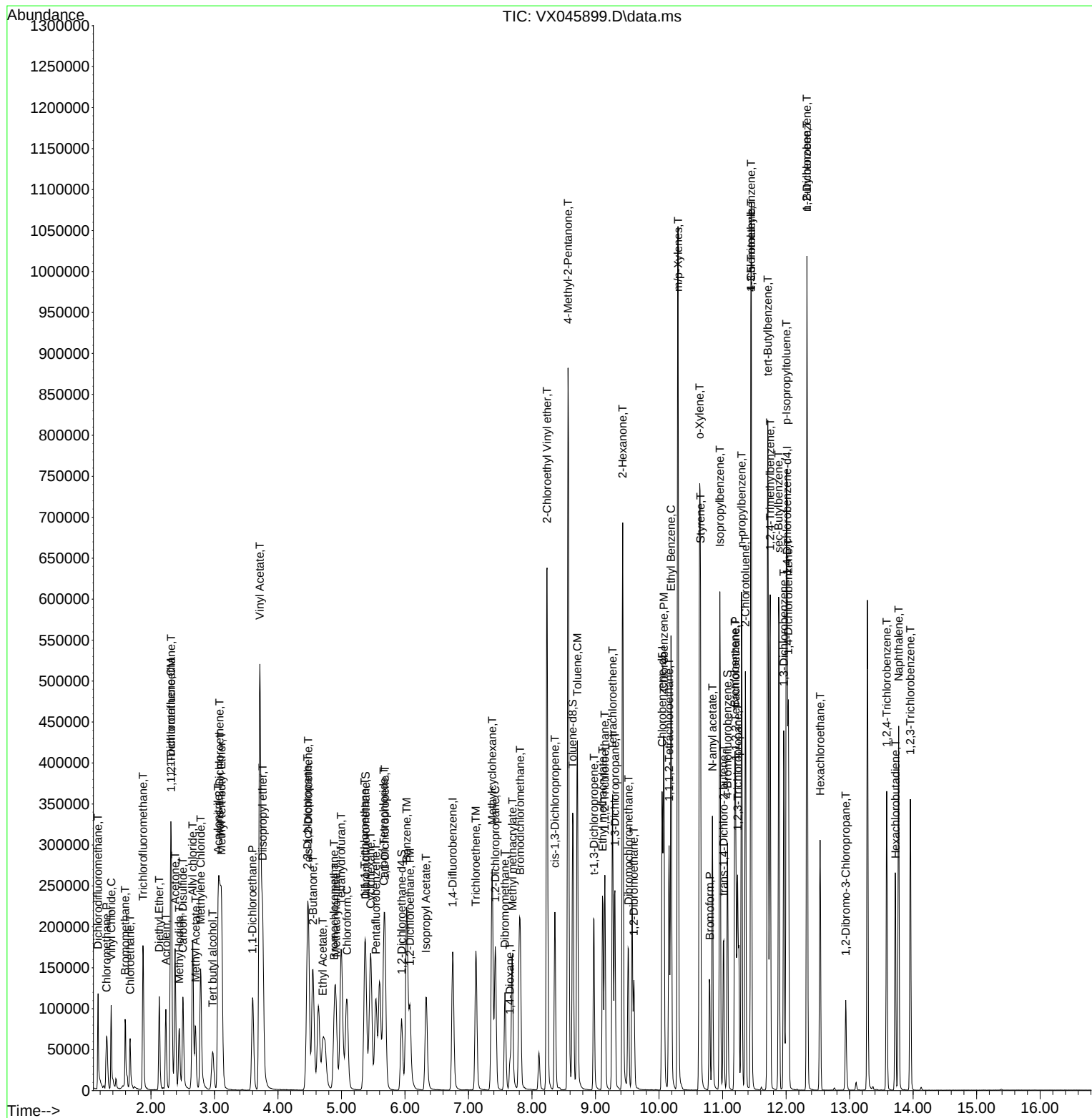
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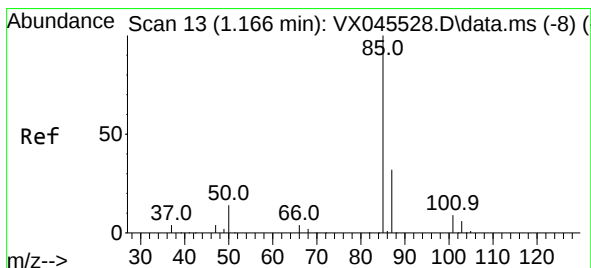
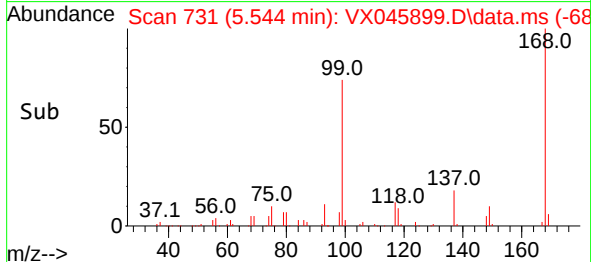
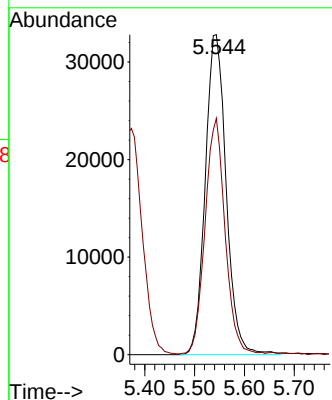
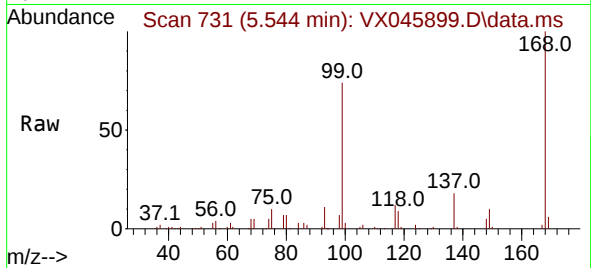
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045899.D
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ClientSampleId :
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Tgt Ion:168 Resp: 9564
Ion Ratio Lower Upper
168 100
99 73.5 52.3 78.5

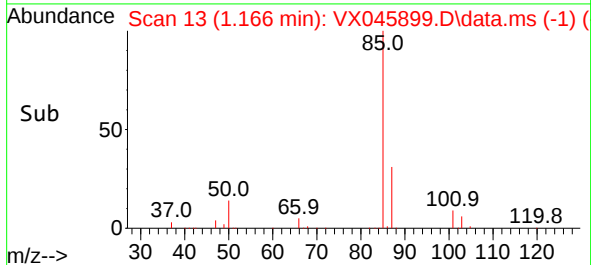
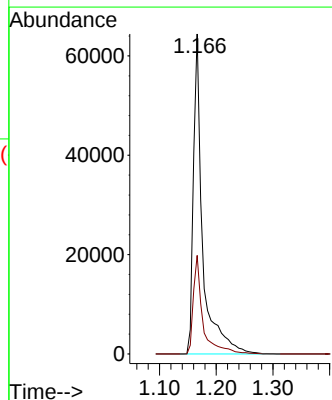
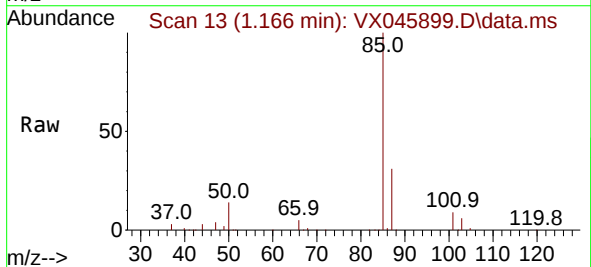
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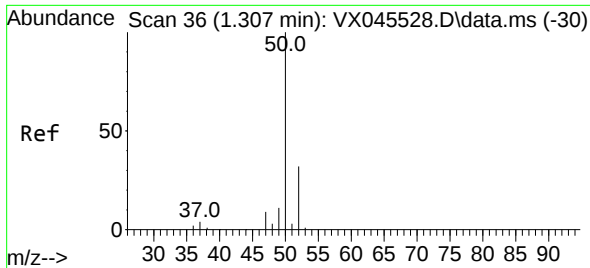
Reviewed By :John Carlone 04/24/2025
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#2
Dichlorodifluoromethane
Concen: 51.114 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

Tgt Ion: 85 Resp: 73113
Ion Ratio Lower Upper
85 100
87 30.8 16.1 48.2





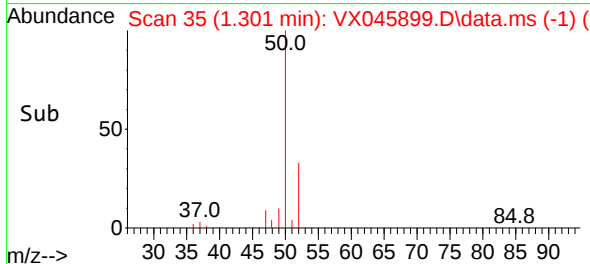
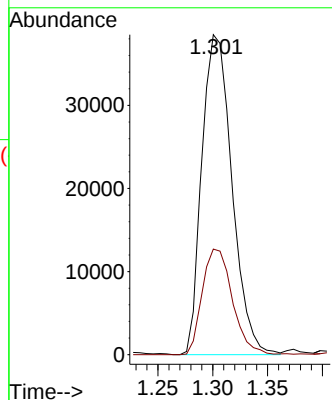
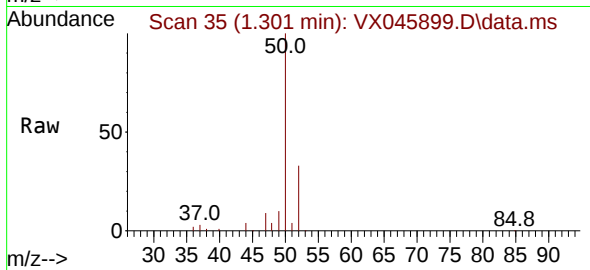
#3
Chloromethane
Concen: 50.219 ug/l
RT: 1.301 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 7379
Ion Ratio Lower Upper
50 100
52 33.0 25.9 38.9

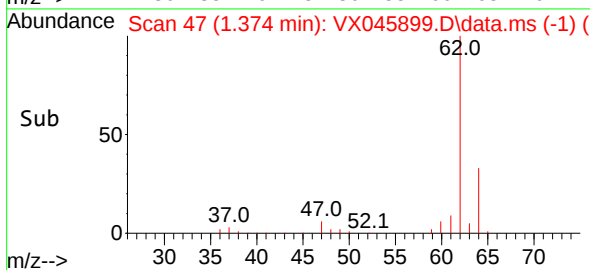
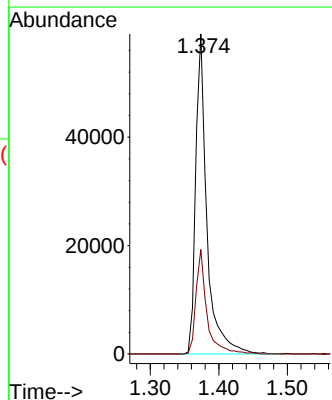
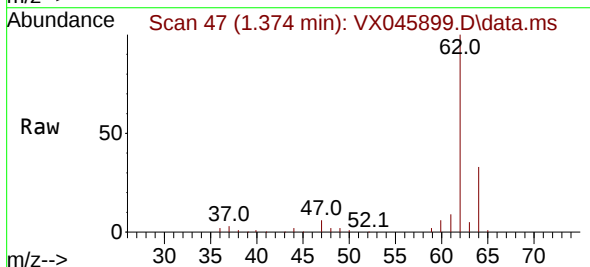
Manual Integrations
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#4
Vinyl Chloride
Concen: 50.005 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

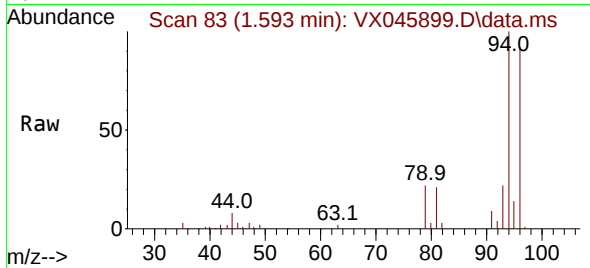
Tgt Ion: 62 Resp: 67248
Ion Ratio Lower Upper
62 100
64 32.6 25.5 38.3





#5
Bromomethane
Concen: 49.182 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

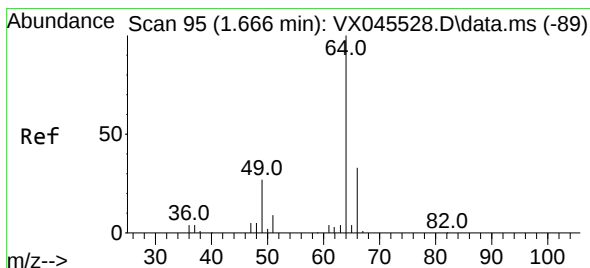
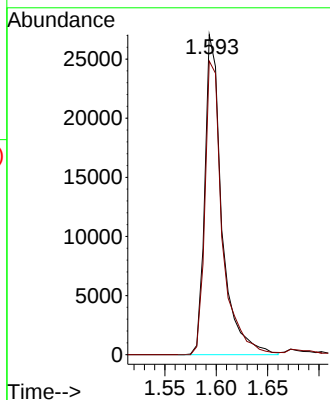
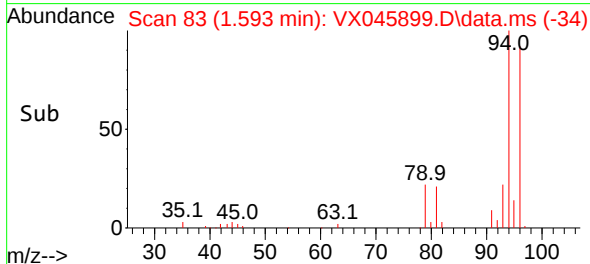
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 3136
Ion Ratio Lower Upper
94 100
96 91.8 74.8 112.2

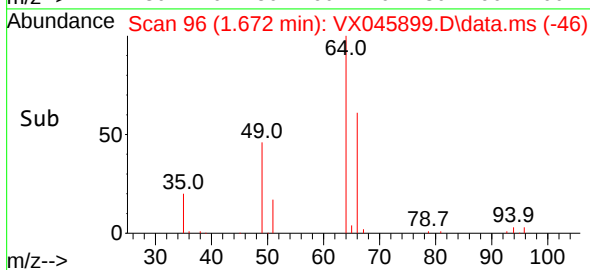
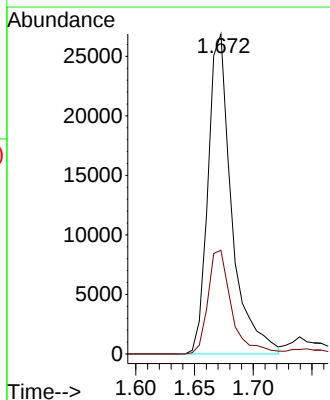
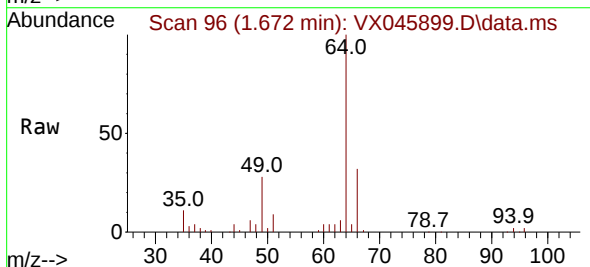
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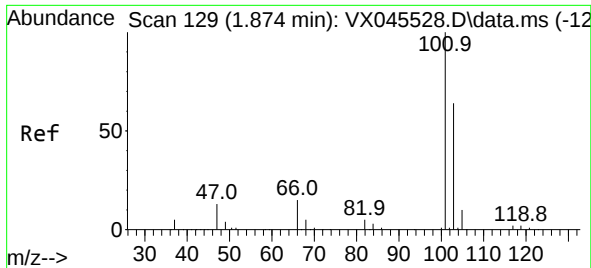
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#6
Chloroethane
Concen: 52.804 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX045899.D
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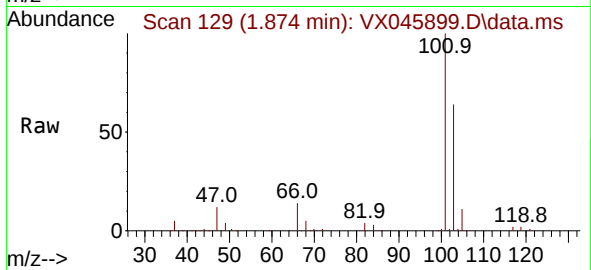
Tgt Ion: 64 Resp: 37676
Ion Ratio Lower Upper
64 100
66 32.4 26.3 39.5





#7
Trichlorofluoromethane
Concen: 54.669 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

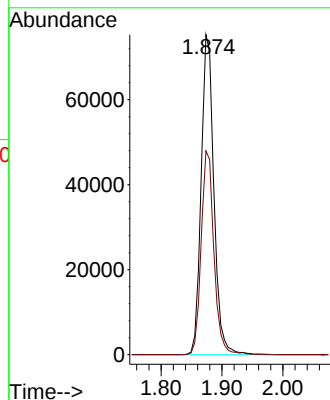
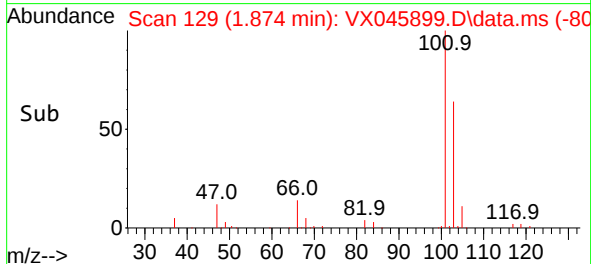
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 10963
Ion Ratio Lower Upper
101 100
103 63.6 51.1 76.7

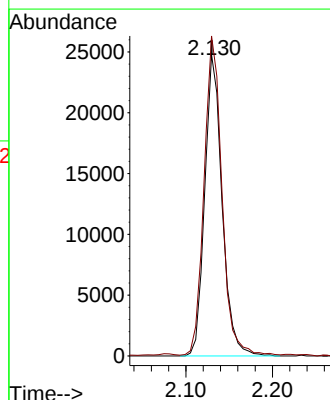
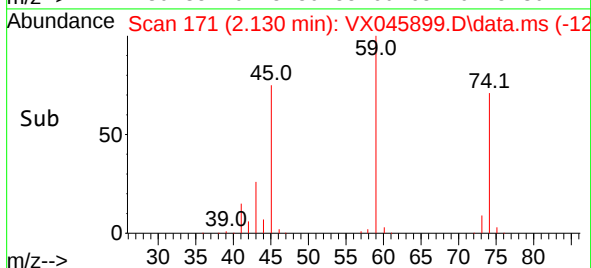
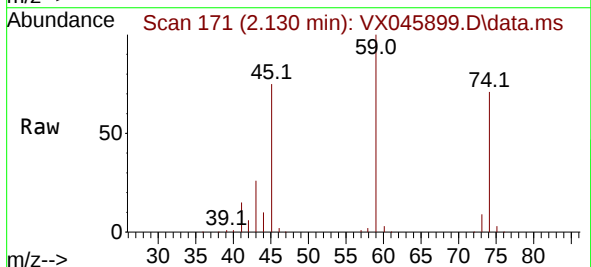
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#8
Diethyl Ether
Concen: 51.257 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

Tgt Ion: 74 Resp: 34510
Ion Ratio Lower Upper
74 100
45 108.7 53.0 159.1





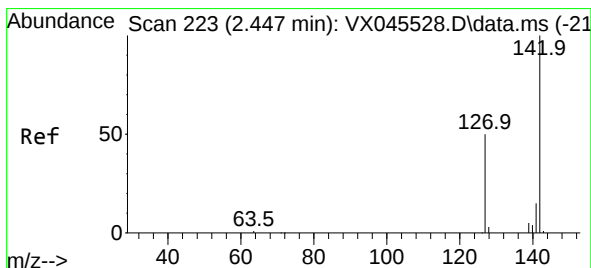
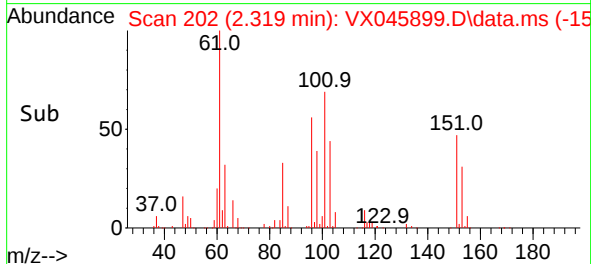
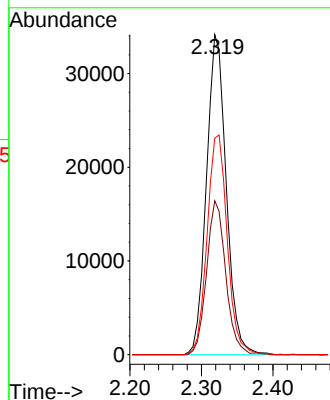
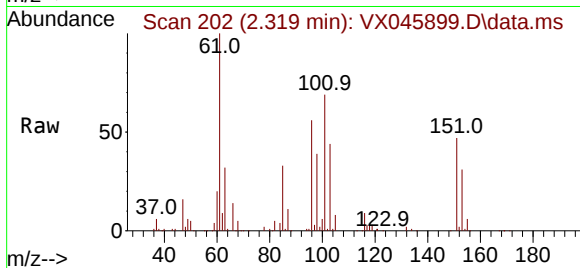
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1,1,2-Trichlorotrifluoroethane
Concen: 55.843 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

Instrument :
MSVOA_X
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Tgt Ion:101 Resp: 6562
Ion Ratio Lower Upper
101 100
85 46.7 38.9 58.3
151 70.0 57.5 86.3

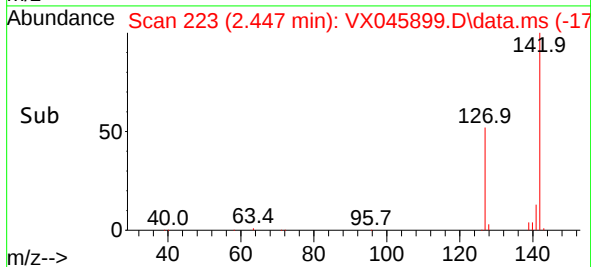
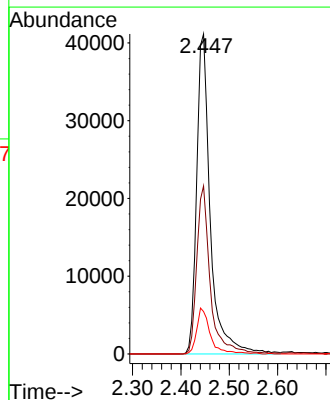
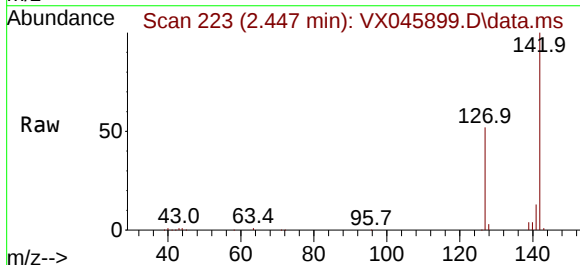
Manual Integrations
APPROVED

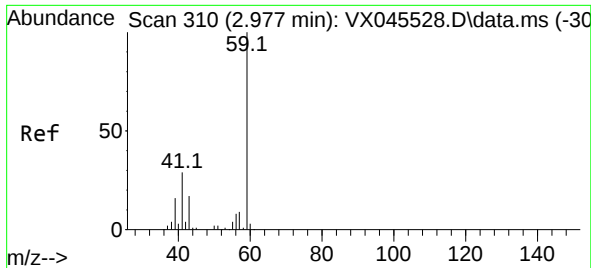
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#10
Methyl Iodide
Concen: 54.865 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

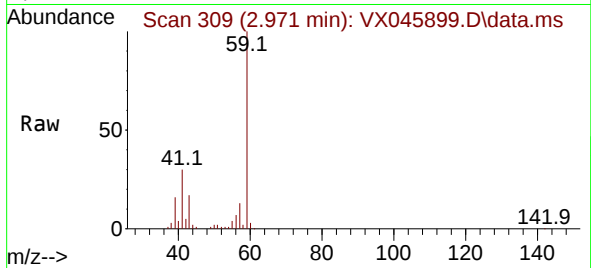
Tgt Ion:142 Resp: 80418
Ion Ratio Lower Upper
142 100
127 51.8 40.2 60.4
141 14.2 11.7 17.5





#11
Tert butyl alcohol
Concen: 249.330 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

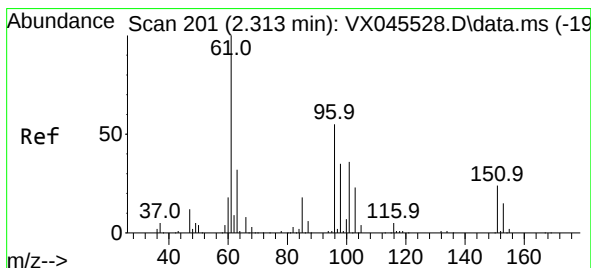
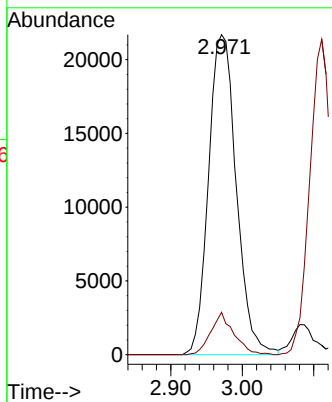
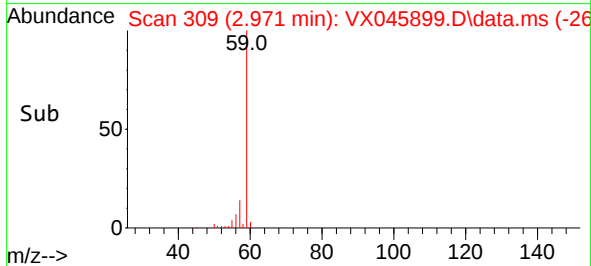
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



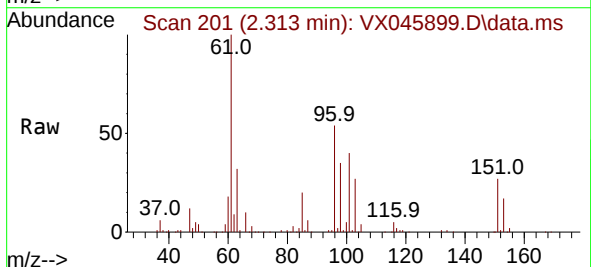
Tgt Ion: 59 Resp: 58610
Ion Ratio Lower Upper
59 100
57 11.0 8.6 12.8

Manual Integrations
APPROVED

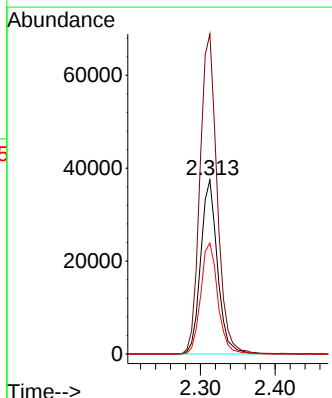
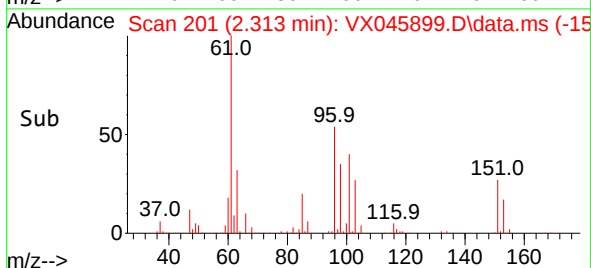
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

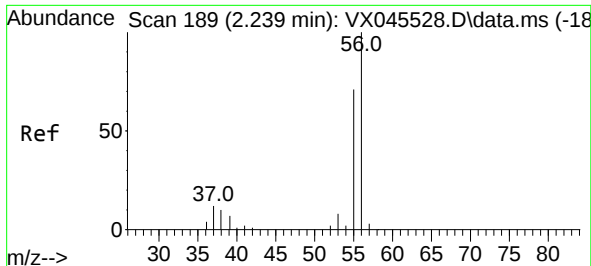


#12
1,1-Dichloroethene
Concen: 50.830 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56



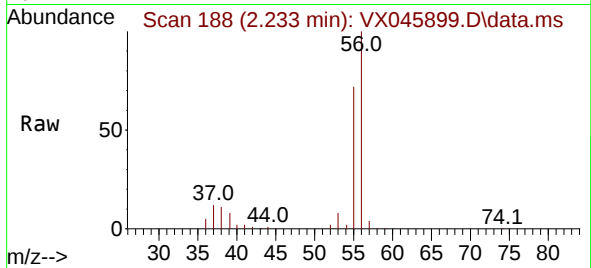
Tgt Ion: 96 Resp: 58365
Ion Ratio Lower Upper
96 100
61 183.8 145.7 218.5
98 63.7 51.6 77.4





#13
Acrolein
Concen: 198.905 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

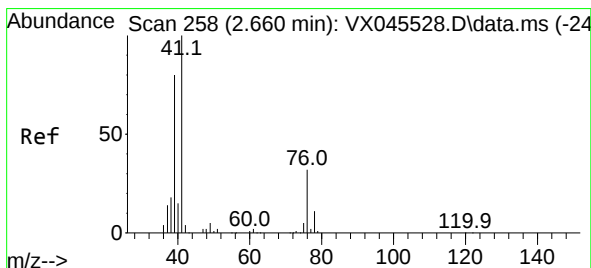
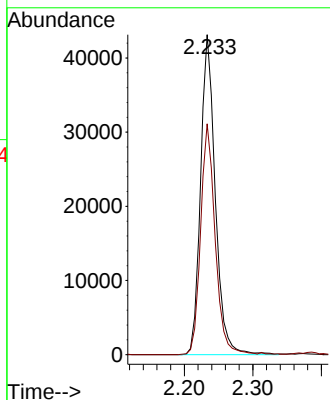
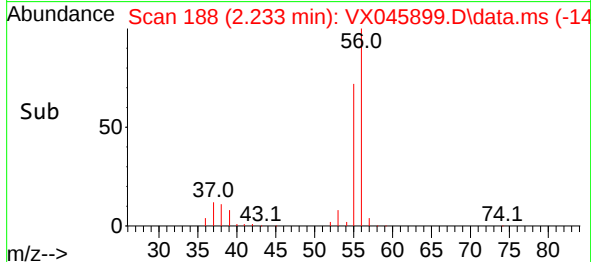
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 6438
Ion Ratio Lower Upper
56 100
55 71.5 56.2 84.2

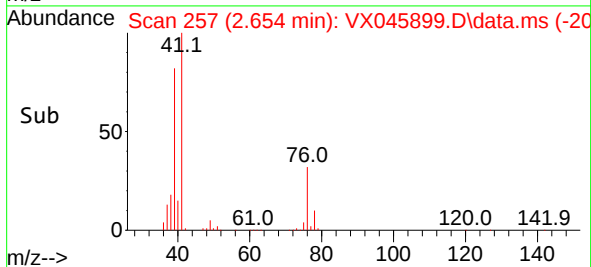
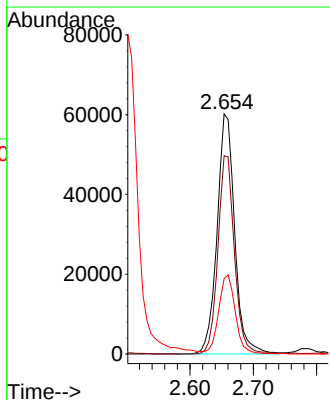
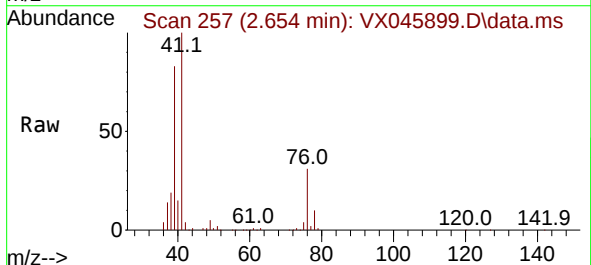
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#14
Allyl chloride
Concen: 53.347 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

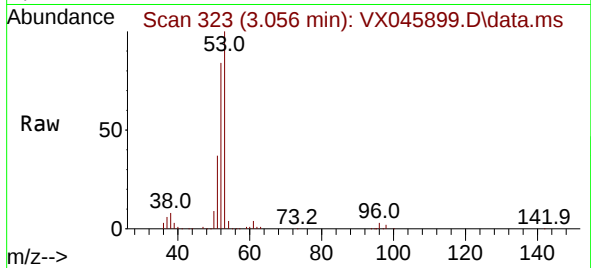
Tgt Ion: 41 Resp: 116224
Ion Ratio Lower Upper
41 100
39 77.4 60.2 90.2
76 30.7 24.6 36.8





#15
Acrylonitrile
Concen: 245.986 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

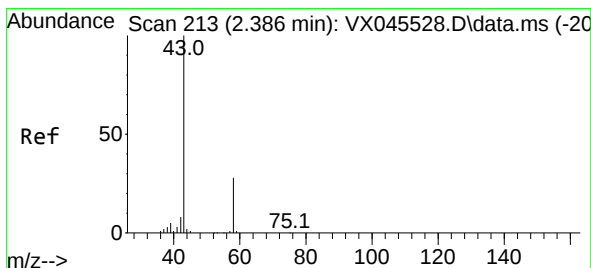
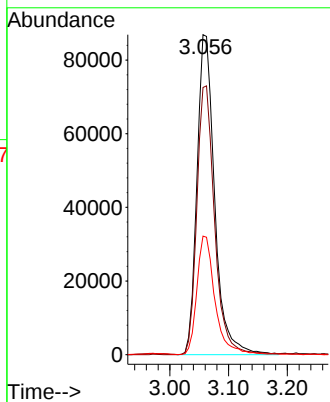
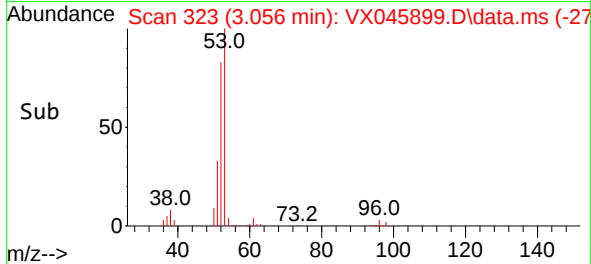
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 182529
Ion Ratio Lower Upper
53 100
52 84.1 67.4 101.2
51 37.7 29.9 44.9

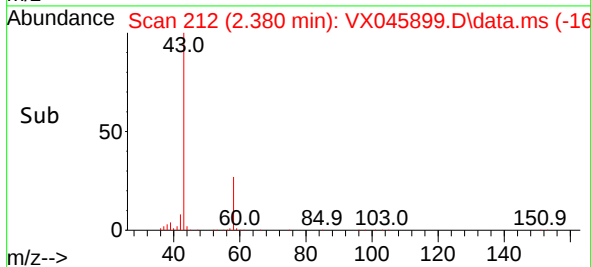
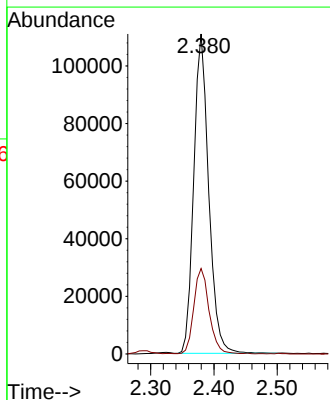
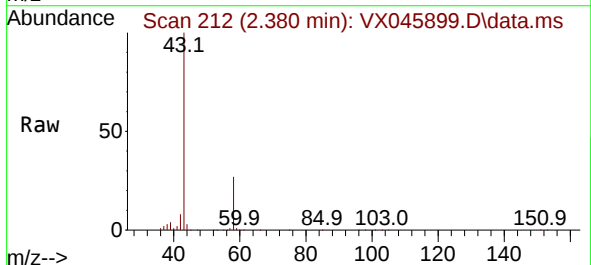
Manual Integrations
APPROVED

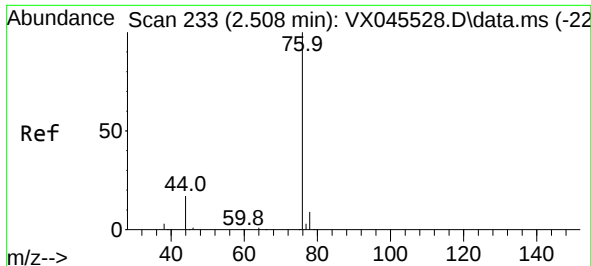
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#16
Acetone
Concen: 253.833 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

Tgt Ion: 43 Resp: 182314
Ion Ratio Lower Upper
43 100
58 26.6 22.3 33.5





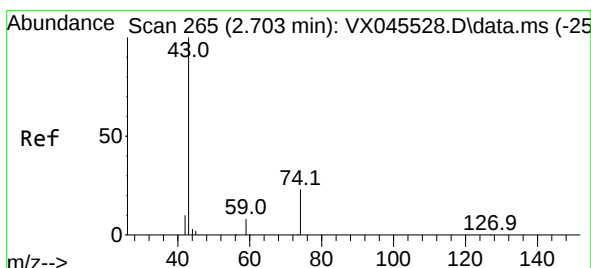
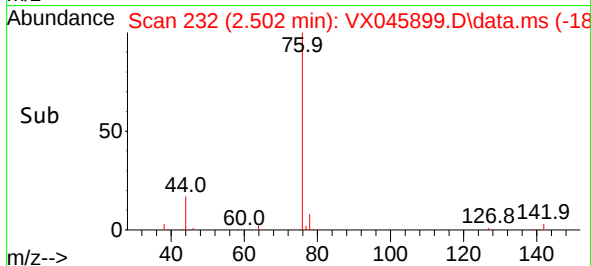
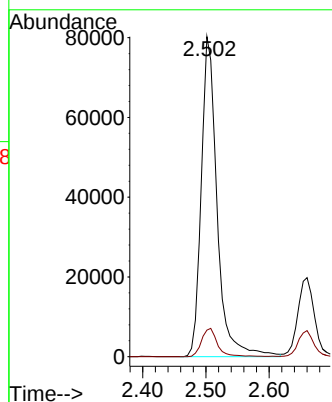
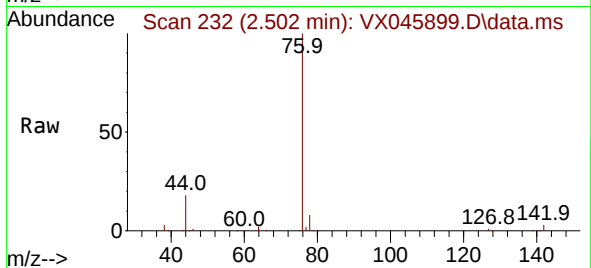
#17
Carbon Disulfide
Concen: 49.439 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 140208
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.6

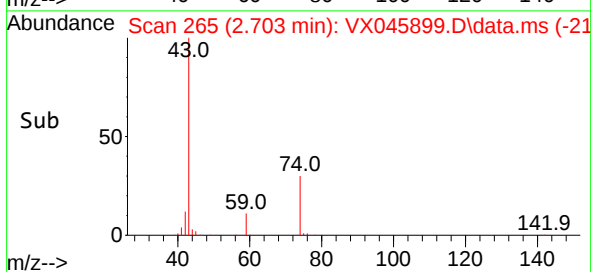
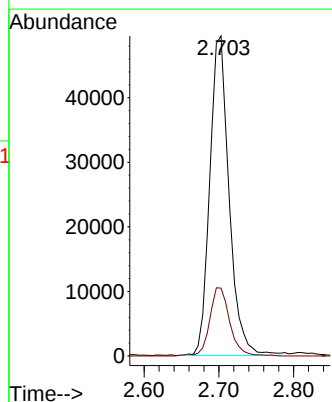
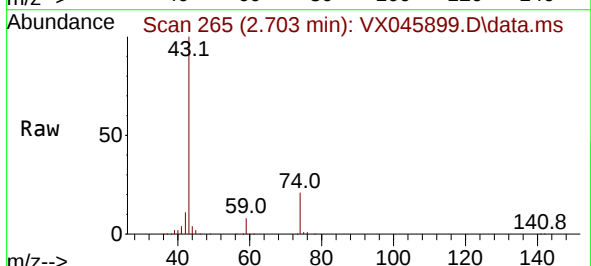
Manual Integrations
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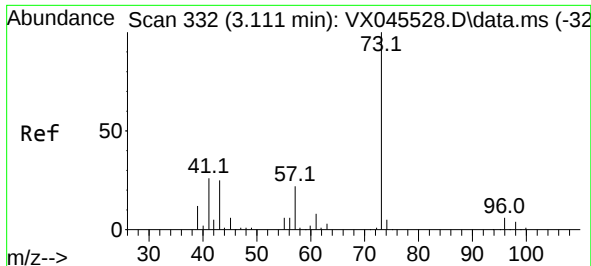
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#18
Methyl Acetate
Concen: 53.780 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

Tgt Ion: 43 Resp: 88934
Ion Ratio Lower Upper
43 100
74 22.2 17.5 26.3





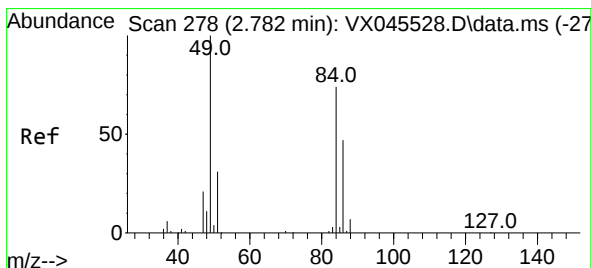
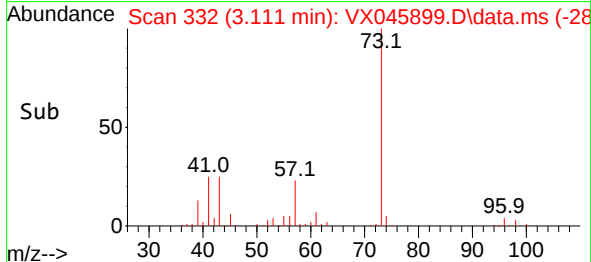
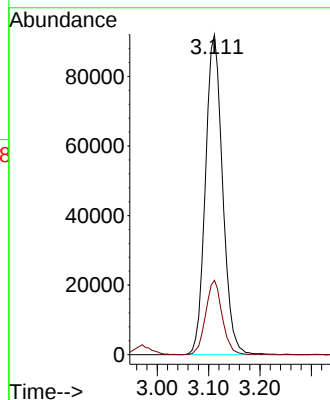
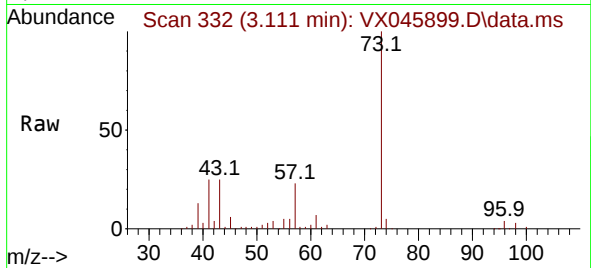
#19
Methyl tert-butyl Ether
Concen: 53.077 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 21319
Ion Ratio Lower Upper
73 100
57 23.2 17.6 26.4

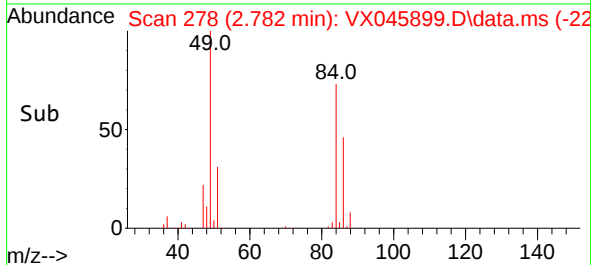
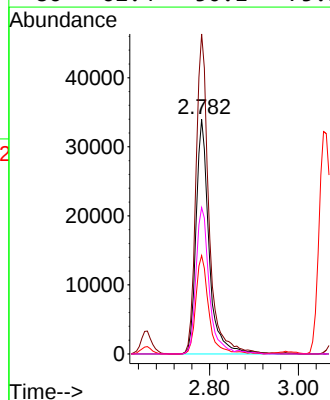
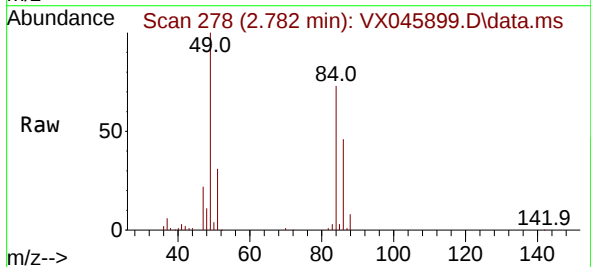
Manual Integrations
APPROVED

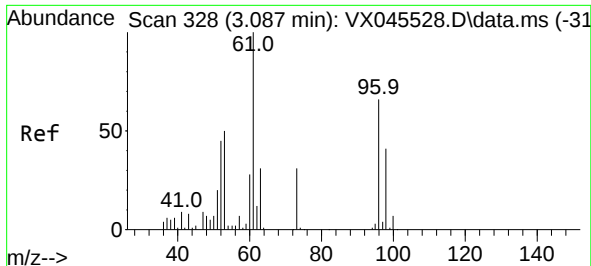
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#20
Methylene Chloride
Concen: 51.296 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

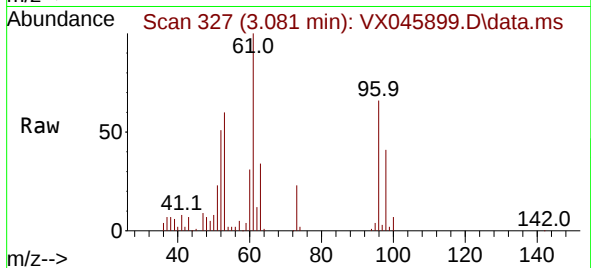
Tgt Ion: 84 Resp: 68975
Ion Ratio Lower Upper
84 100
49 136.4 107.5 161.3
51 42.0 33.0 49.6
86 62.4 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 51.546 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

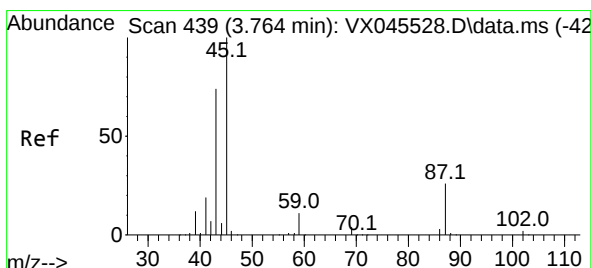
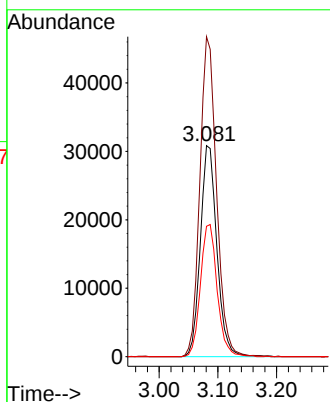
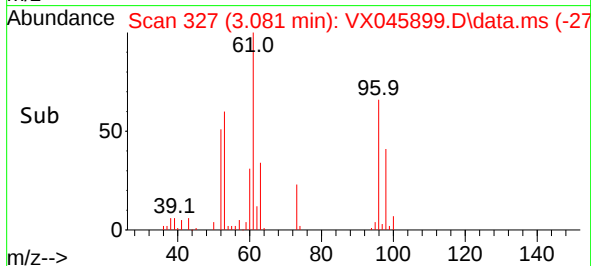
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



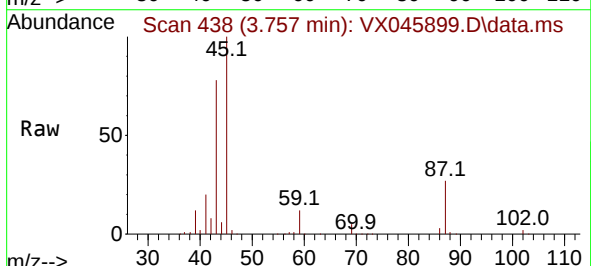
Tgt Ion: 96 Resp: 60468
Ion Ratio Lower Upper
96 100
61 151.6 121.0 181.6
98 61.8 49.7 74.5

Manual Integrations
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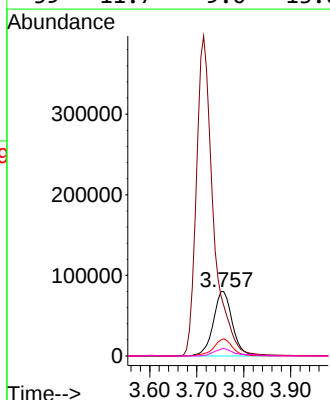
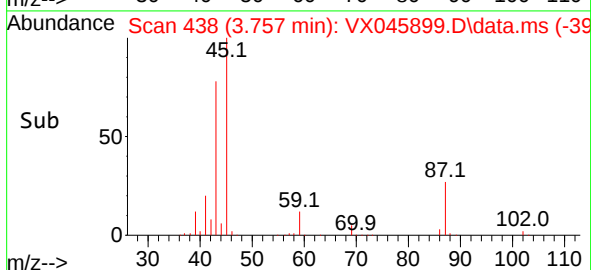
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#22
Diisopropyl ether
Concen: 52.726 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56



Tgt Ion: 45 Resp: 226279
Ion Ratio Lower Upper
45 100
43 78.1 59.3 88.9
87 26.6 20.4 30.6
59 11.7 9.0 13.6





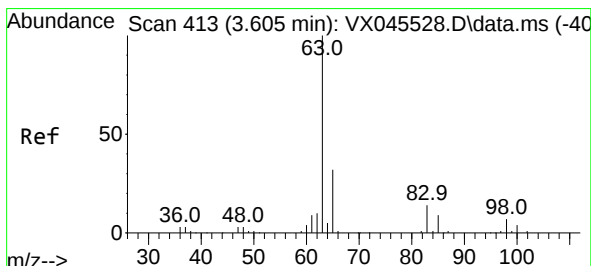
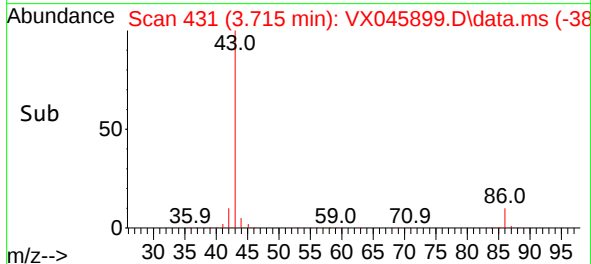
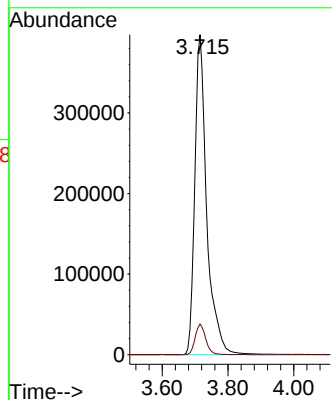
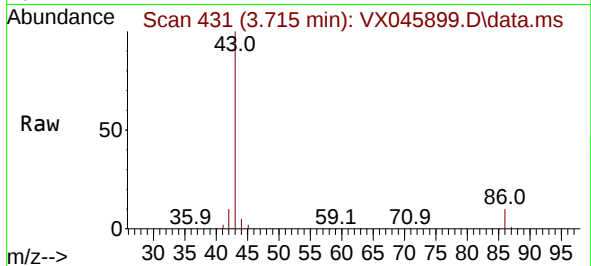
#23
 Vinyl Acetate
 Concen: 270.128 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX045899.D
 Acq: 23 Apr 2025 08:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1001610
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.5 11.3

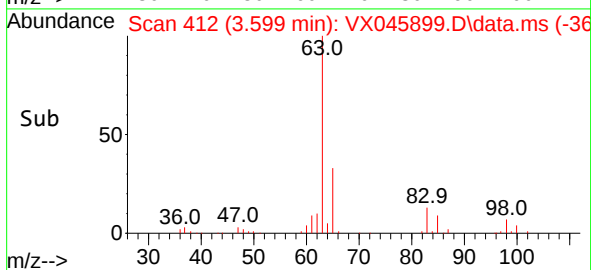
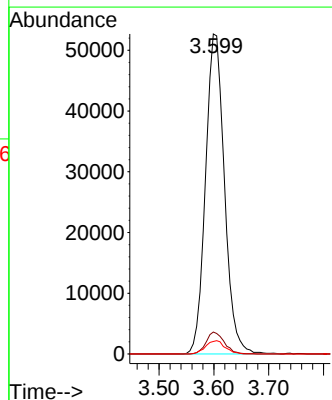
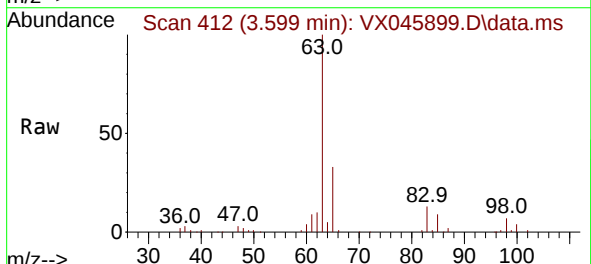
Manual Integrations
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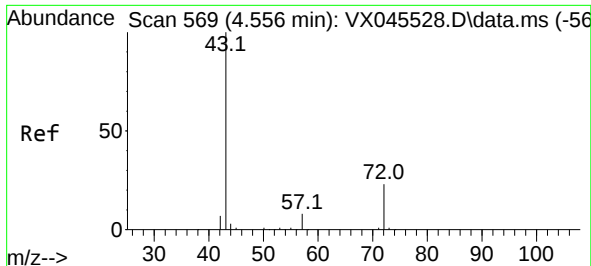
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#24
 1,1-Dichloroethane
 Concen: 52.064 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045899.D
 Acq: 23 Apr 2025 08:56

Tgt Ion: 63 Resp: 126363
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.1
 100 3.9 2.2 6.6





#25

2-Butanone

Concen: 247.433 ug/l

RT: 4.550 min Scan# 50

Delta R.T. -0.006 min

Lab File: VX045899.D

Acq: 23 Apr 2025 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 26014

Ion Ratio Lower Upper

43 100

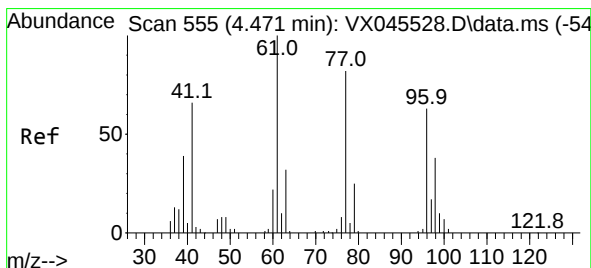
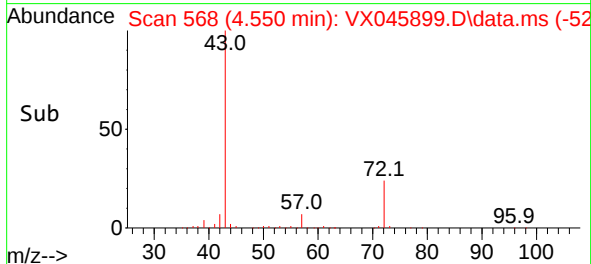
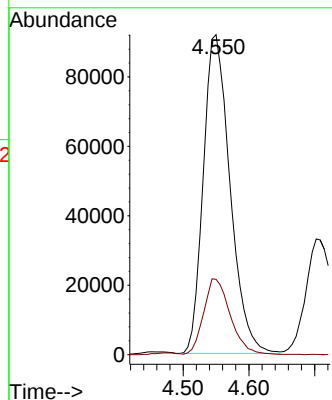
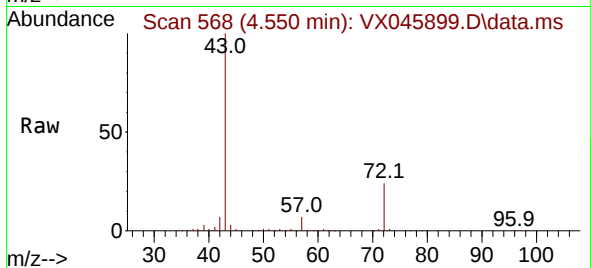
72 23.5 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#26

2,2-Dichloropropane

Concen: 63.058 ug/l

RT: 4.465 min Scan# 554

Delta R.T. -0.006 min

Lab File: VX045899.D

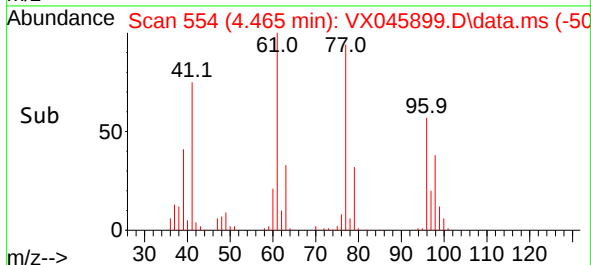
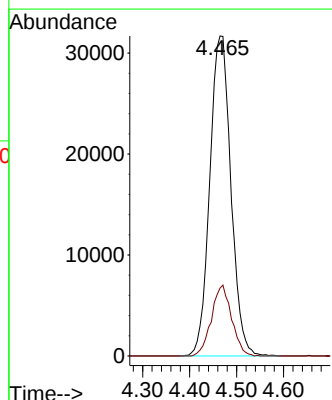
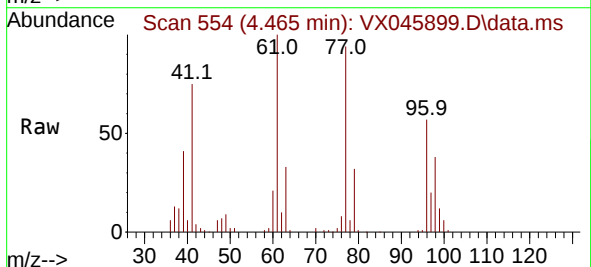
Acq: 23 Apr 2025 08:56

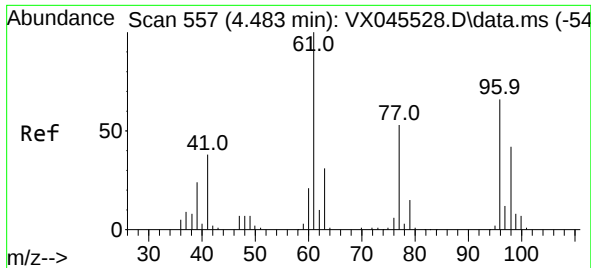
Tgt Ion: 77 Resp: 98883

Ion Ratio Lower Upper

77 100

97 21.1 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 51.568 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX045899.D

Acq: 23 Apr 2025 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 7370

Ion Ratio Lower Upper

96 100

61 160.2 0.0 313.2

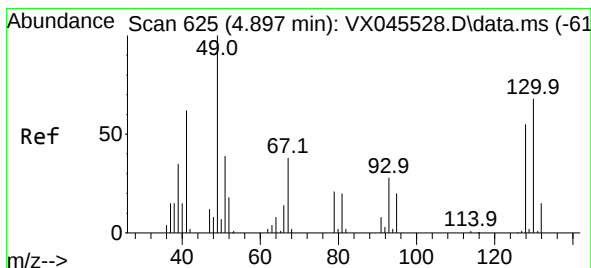
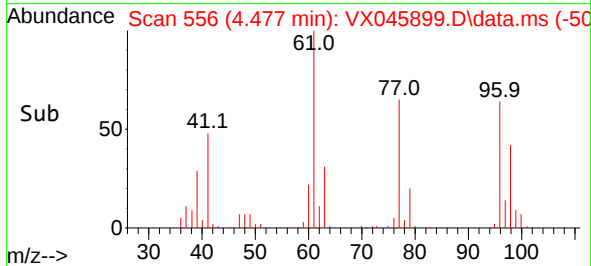
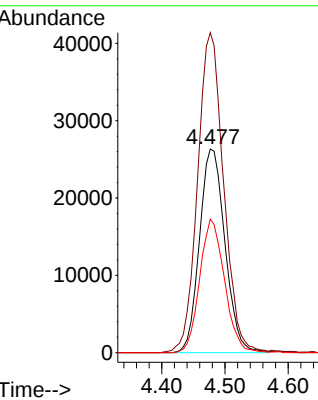
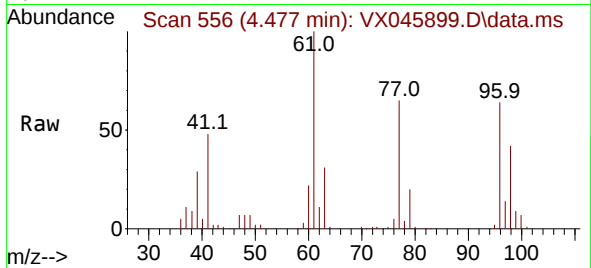
98 63.7 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#28

Bromochloromethane

Concen: 48.678 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.012 min

Lab File: VX045899.D

Acq: 23 Apr 2025 08:56

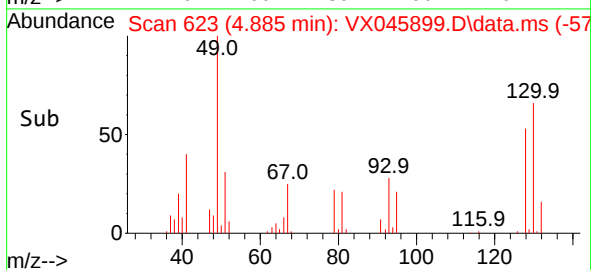
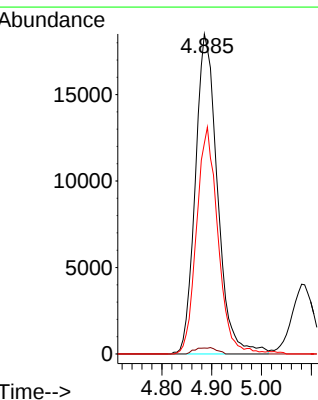
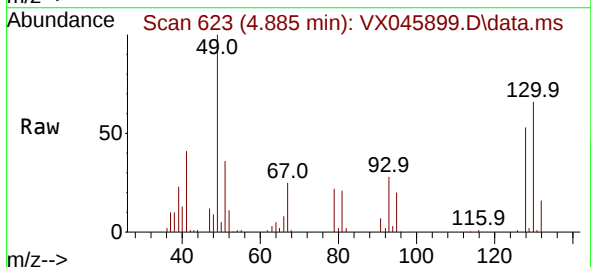
Tgt Ion: 49 Resp: 57093

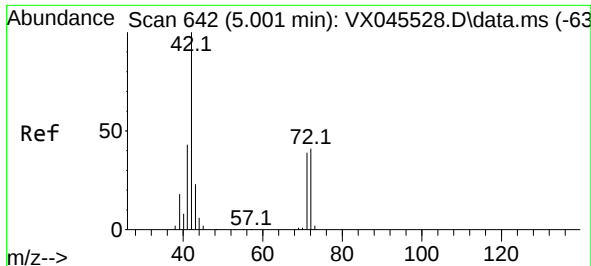
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 68.5 54.6 81.8





#29

Tetrahydrofuran

Concen: 239.873 ug/l

RT: 4.995 min Scan# 642

Delta R.T. -0.006 min

Lab File: VX045899.D

Acq: 23 Apr 2025 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 16350

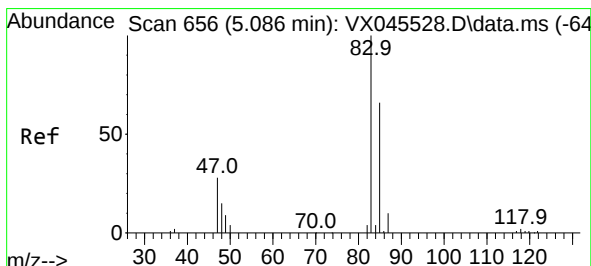
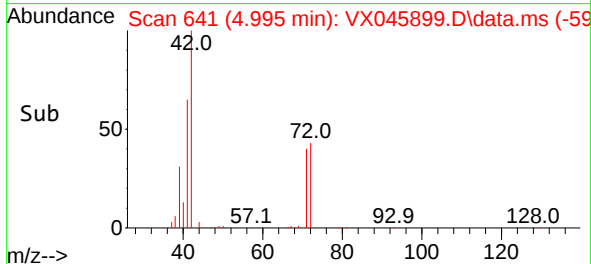
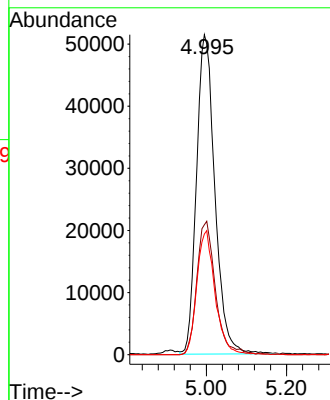
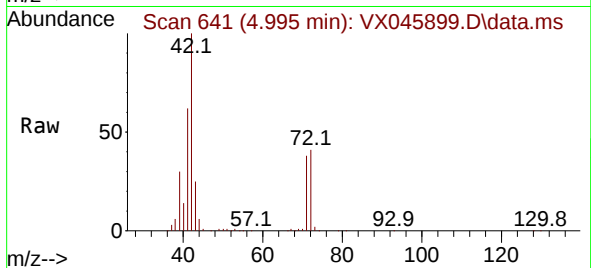
Ion	Ratio	Lower	Upper
42	100		
72	42.1	33.4	50.0
71	38.6	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#30

Chloroform

Concen: 52.245 ug/l

RT: 5.086 min Scan# 656

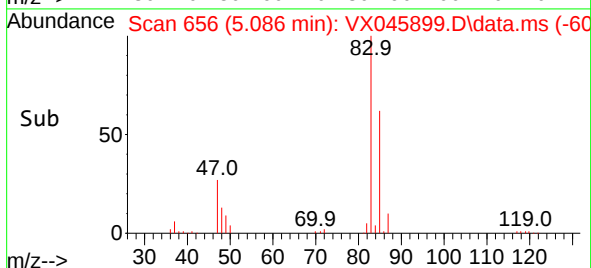
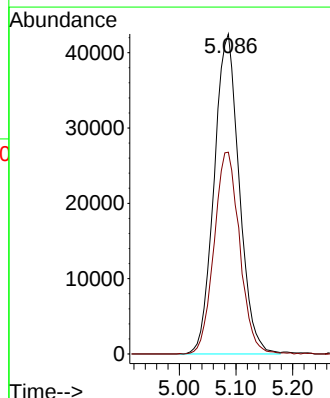
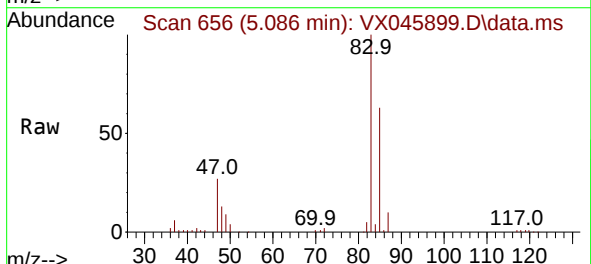
Delta R.T. -0.000 min

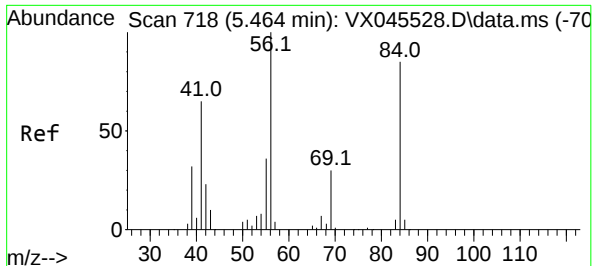
Lab File: VX045899.D

Acq: 23 Apr 2025 08:56

Tgt Ion: 83 Resp: 130475

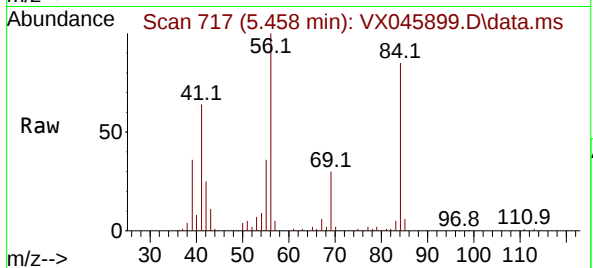
Ion	Ratio	Lower	Upper
83	100		
85	62.9	52.8	79.2





#31
Cyclohexane
Concen: 52.074 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

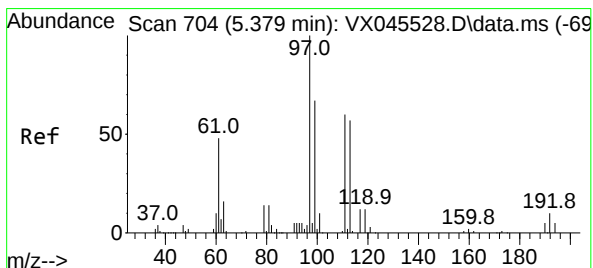
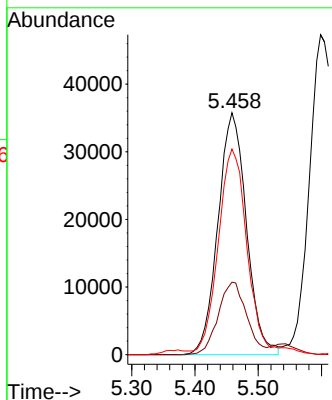
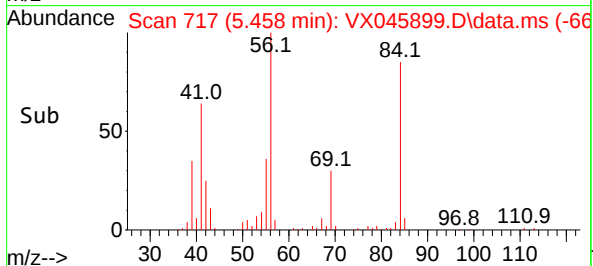
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



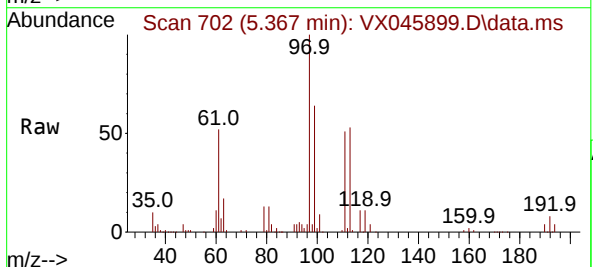
Tgt Ion: 56 Resp: 111734
Ion Ratio Lower Upper
56 100
69 30.0 23.6 35.4
84 82.9 67.7 101.5

Manual Integrations
APPROVED

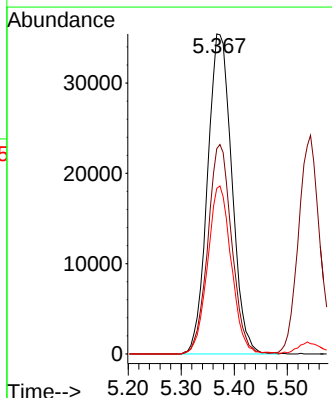
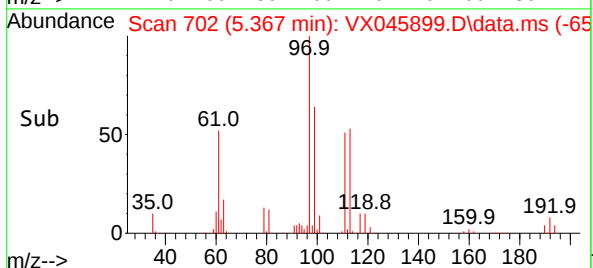
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

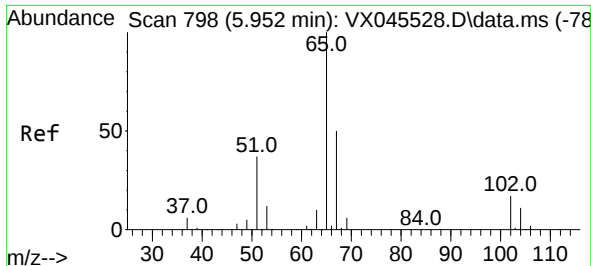


#32
1,1,1-Trichloroethane
Concen: 53.482 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.012 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56



Tgt Ion: 97 Resp: 113019
Ion Ratio Lower Upper
97 100
99 64.3 51.7 77.5
61 51.5 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 48.096 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045899.D

Acq: 23 Apr 2025 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 84120

Ion Ratio Lower Upper

65 100

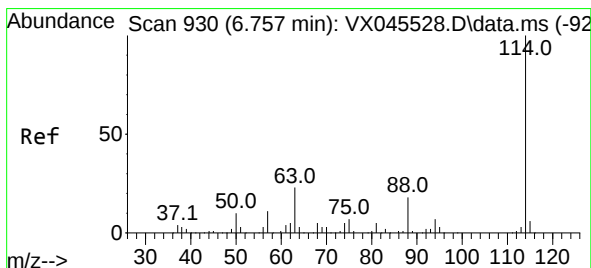
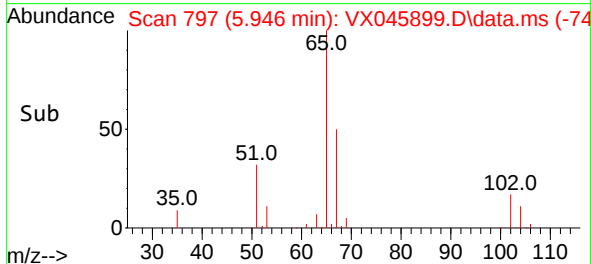
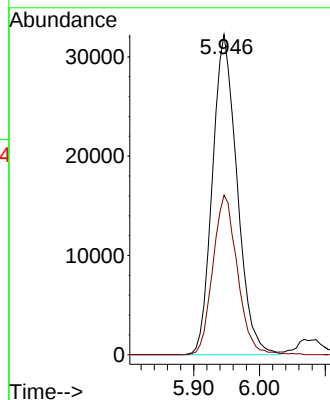
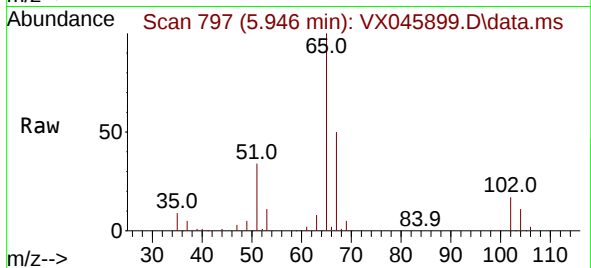
67 49.6 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

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: VX045899.D

Acq: 23 Apr 2025 08:56

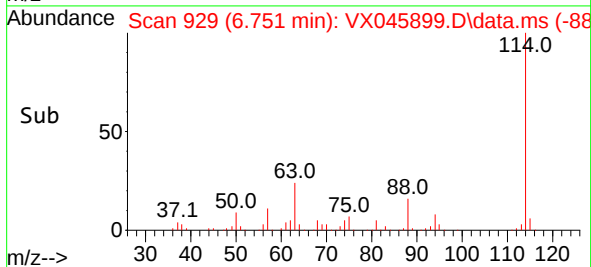
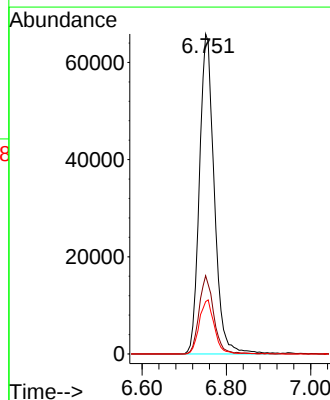
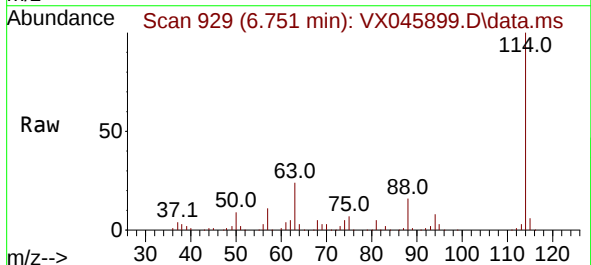
Tgt Ion:114 Resp: 161242

Ion Ratio Lower Upper

114 100

63 24.5 0.0 46.8

88 16.3 0.0 35.4





#35

Dibromofluoromethane

Concen: 51.302 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX045899.D

Acq: 23 Apr 2025 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

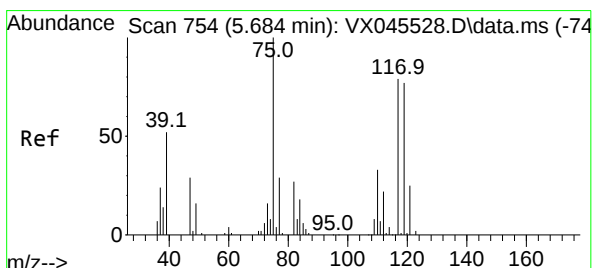
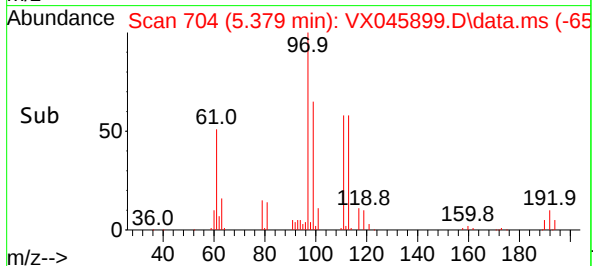
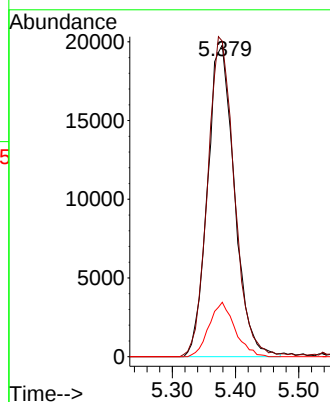
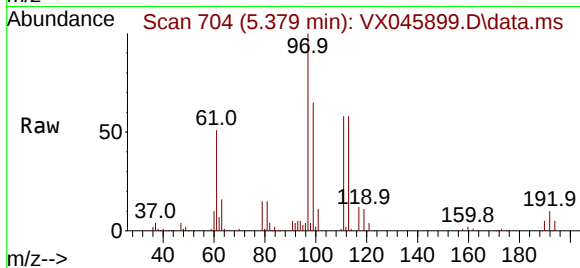
Tgt Ion:	113	Resp:	58690
Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.8	122.6
192	16.8	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#36

1,1-Dichloropropene

Concen: 55.346 ug/l

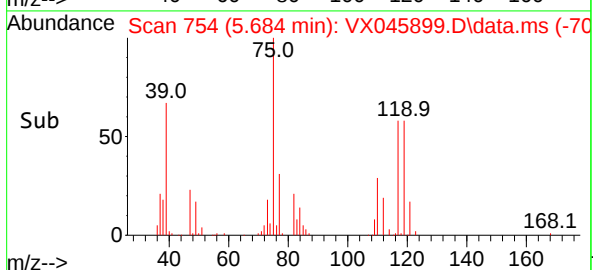
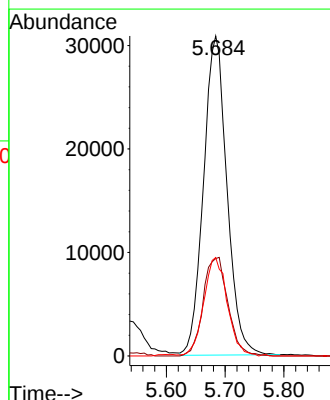
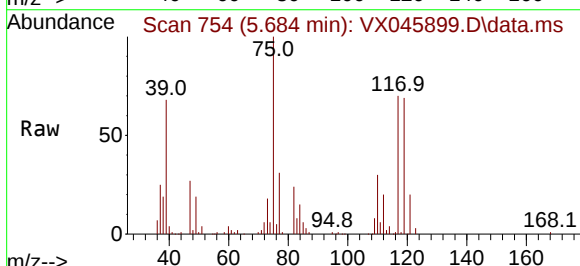
RT: 5.684 min Scan# 754

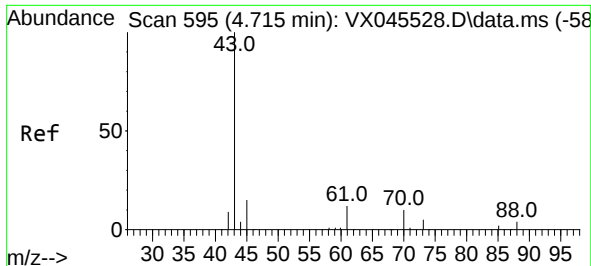
Delta R.T. -0.000 min

Lab File: VX045899.D

Acq: 23 Apr 2025 08:56

Tgt Ion:	75	Resp:	85490
Ion	Ratio	Lower	Upper
75	100		
110	32.6	16.9	50.6
77	31.0	25.0	37.4





#37

Ethyl Acetate

Concen: 51.219 ug/l

RT: 4.702 min Scan# 595

Delta R.T. -0.012 min

Lab File: VX045899.D

Acq: 23 Apr 2025 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 99702

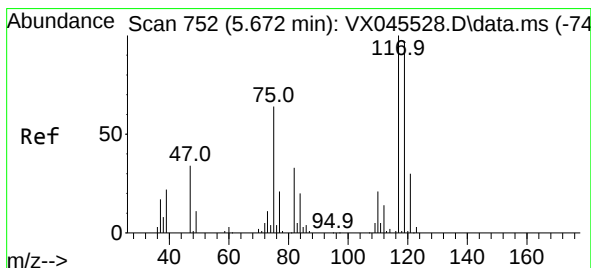
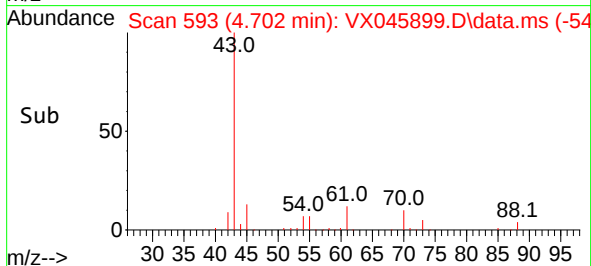
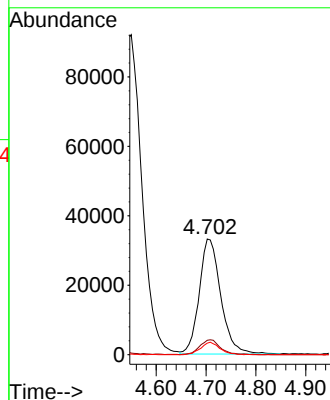
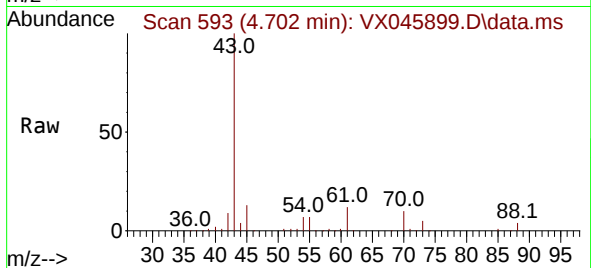
Ion	Ratio	Lower	Upper
43	100		
61	12.4	9.9	14.9
70	9.5	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#38

Carbon Tetrachloride

Concen: 58.108 ug/l

RT: 5.666 min Scan# 751

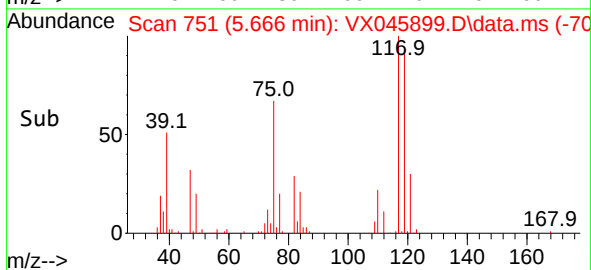
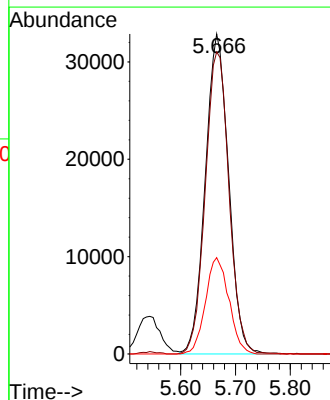
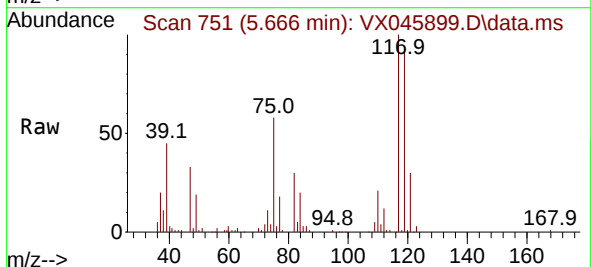
Delta R.T. -0.006 min

Lab File: VX045899.D

Acq: 23 Apr 2025 08:56

Tgt Ion:117 Resp: 97005

Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.9	115.3
121	30.1	24.2	36.2





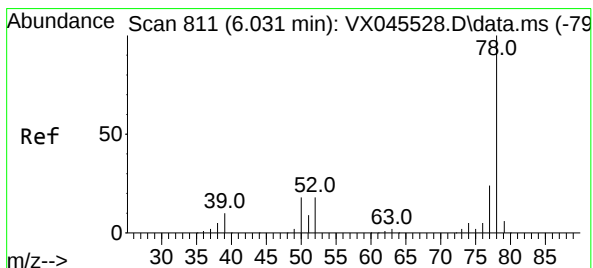
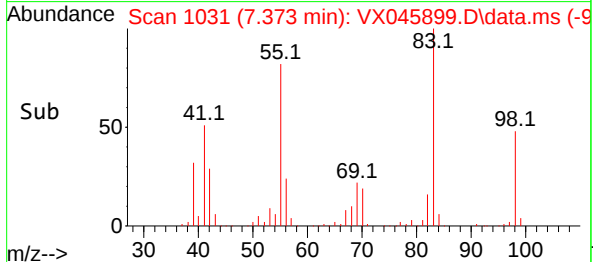
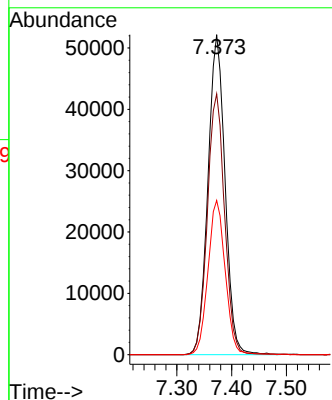
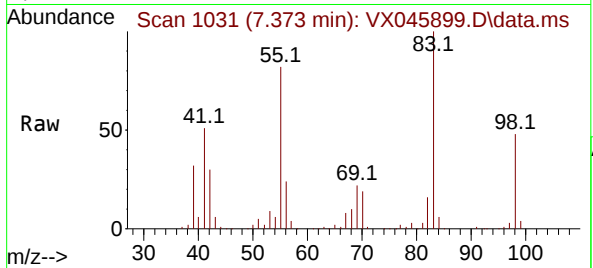
#39
Methylcyclohexane
Concen: 59.504 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 112660
Ion Ratio Lower Upper
83 100
55 81.5 64.9 97.3
98 48.2 37.4 56.0

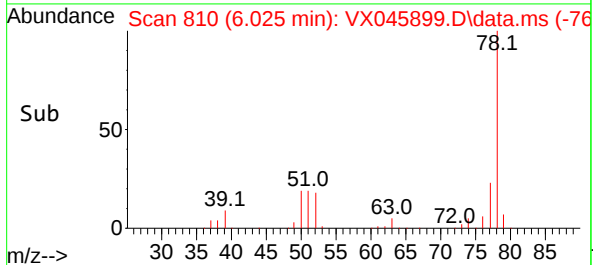
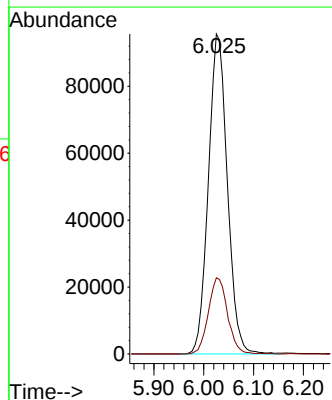
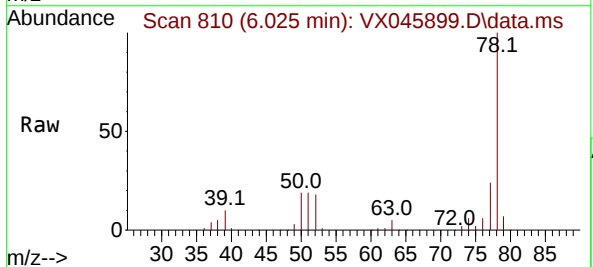
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#40
Benzene
Concen: 53.608 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

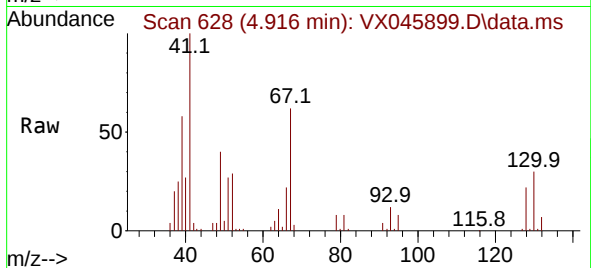
Tgt Ion: 78 Resp: 252897
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6





#41
Methacrylonitrile
Concen: 56.142 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

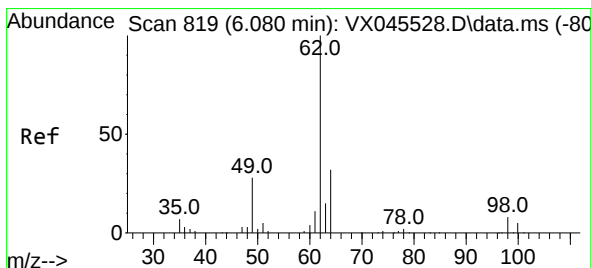
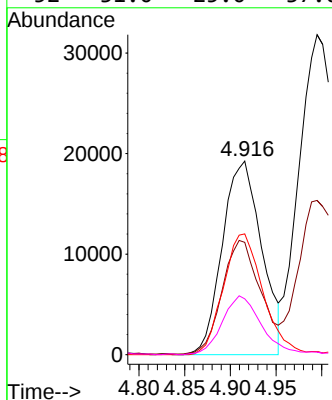
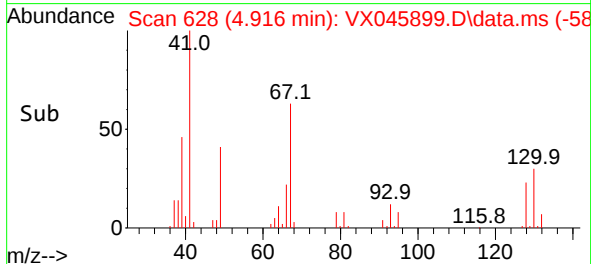
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 57662
Ion Ratio Lower Upper
41 100
39 57.2 47.0 70.6
67 63.9 53.2 79.8
52 31.0 25.0 37.6

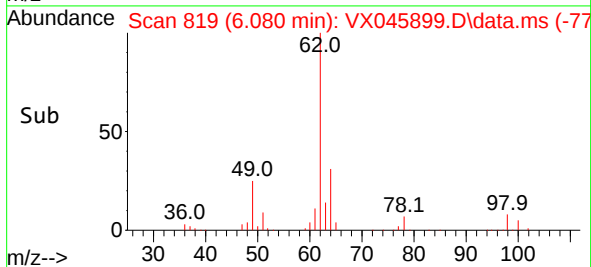
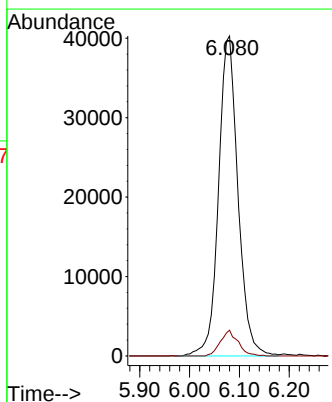
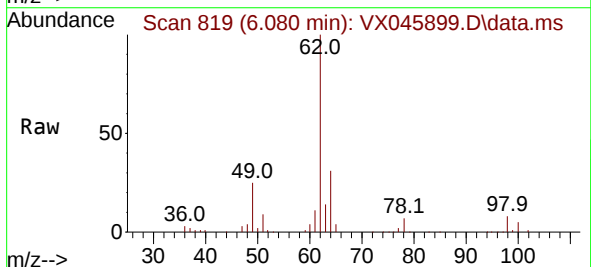
Manual Integrations
APPROVED

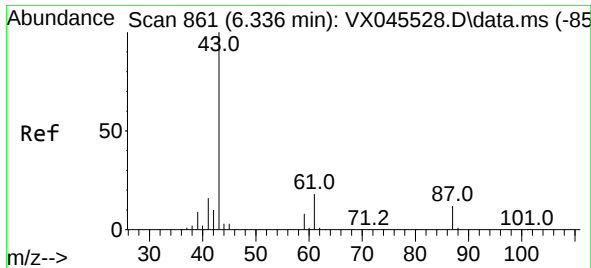
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#42
1,2-Dichloroethane
Concen: 55.922 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

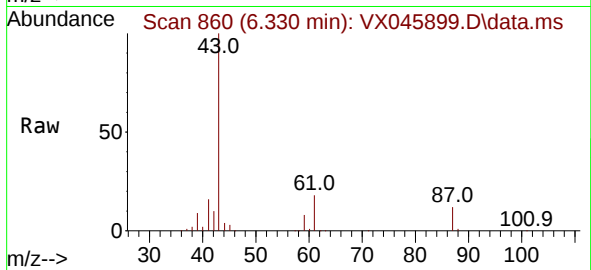
Tgt Ion: 62 Resp: 108962
Ion Ratio Lower Upper
62 100
98 7.3 0.0 15.2





#43
Isopropyl Acetate
Concen: 54.808 ug/l
RT: 6.330 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

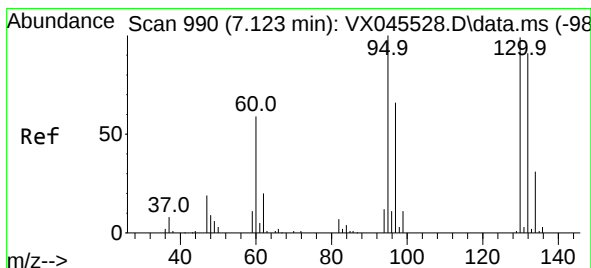
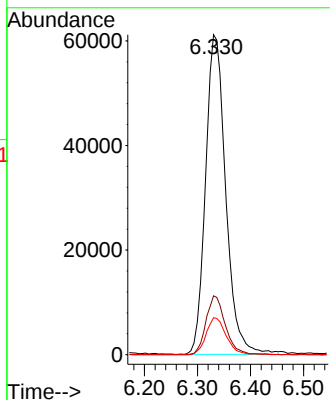
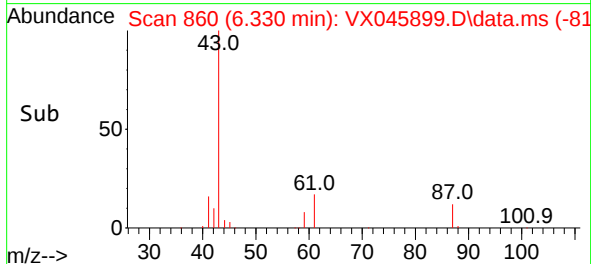
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 16170
Ion Ratio Lower Upper
43 100
61 17.7 14.1 21.1
87 11.5 9.2 13.8

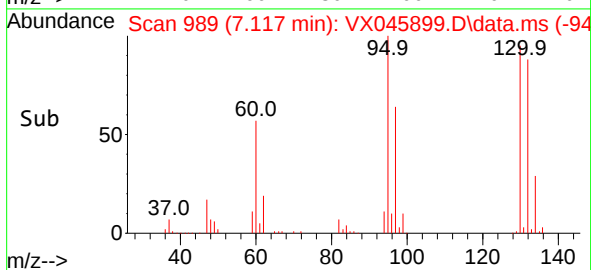
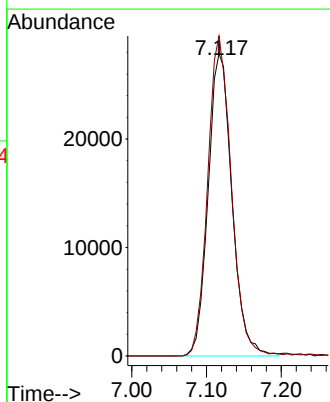
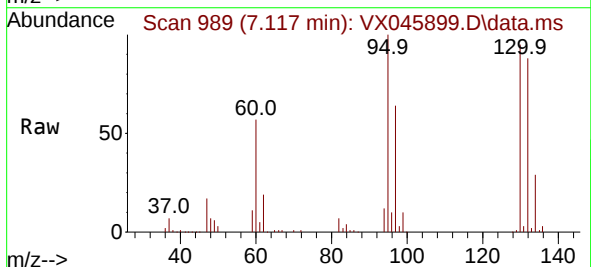
Manual Integrations
APPROVED

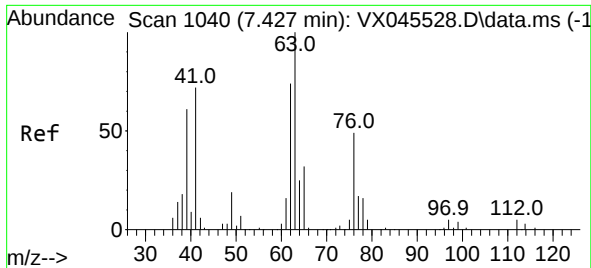
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#44
Trichloroethene
Concen: 55.037 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

Tgt Ion:130 Resp: 61712
Ion Ratio Lower Upper
130 100
95 105.8 0.0 202.0





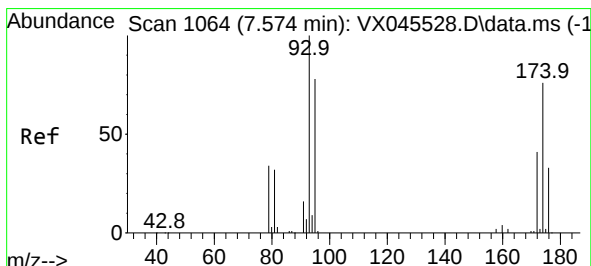
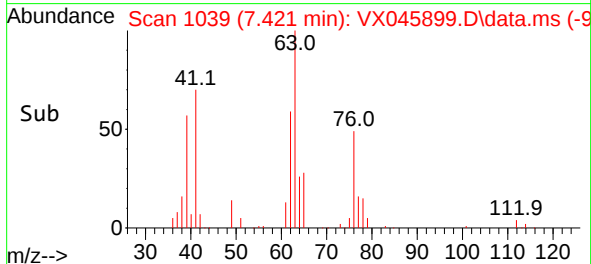
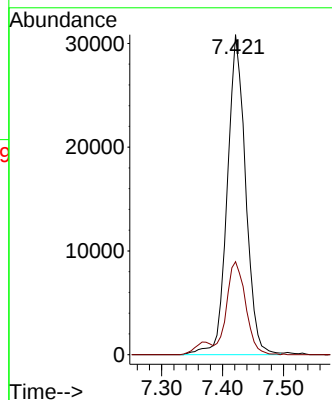
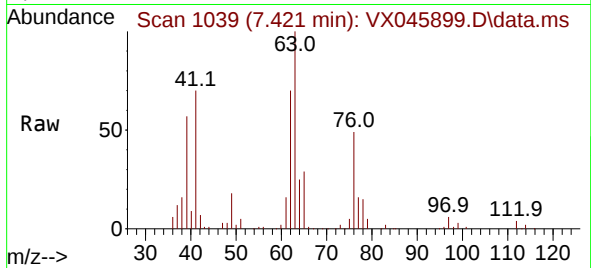
#45
1,2-Dichloropropane
Concen: 54.781 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 6448
Ion Ratio Lower Upper
63 100
65 29.0 25.8 38.6

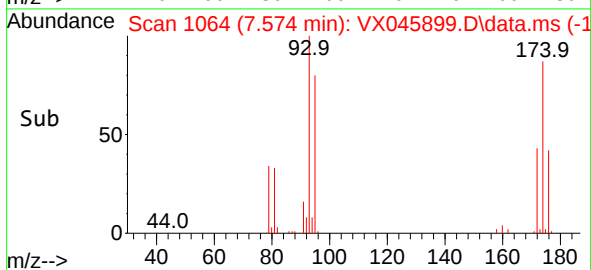
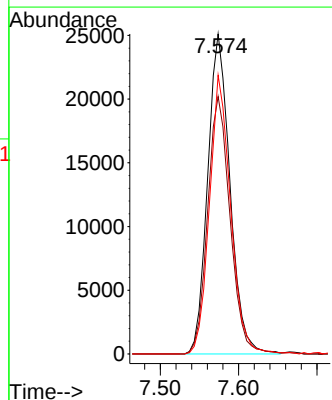
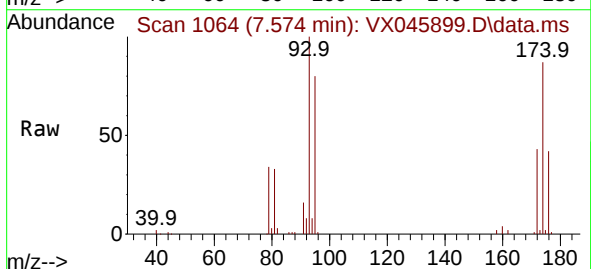
Manual Integrations
APPROVED

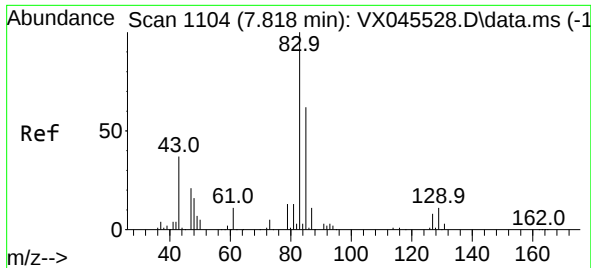
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#46
Dibromomethane
Concen: 54.977 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

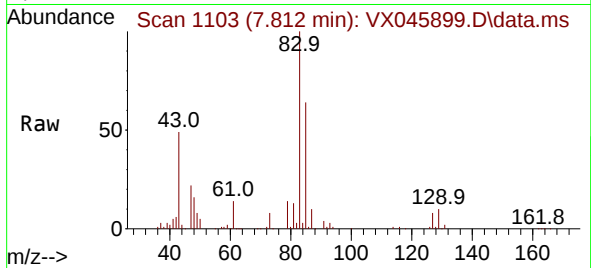
Tgt Ion: 93 Resp: 49675
Ion Ratio Lower Upper
93 100
95 81.2 64.8 97.2
174 83.0 65.4 98.0





#47
Bromodichloromethane
Concen: 55.855 ug/l
RT: 7.812 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

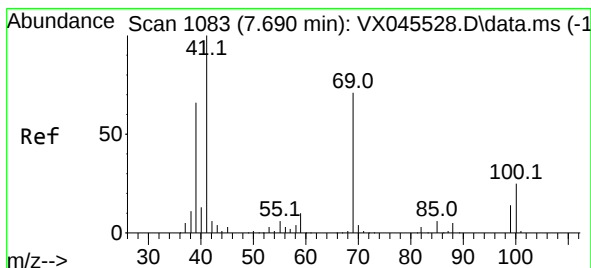
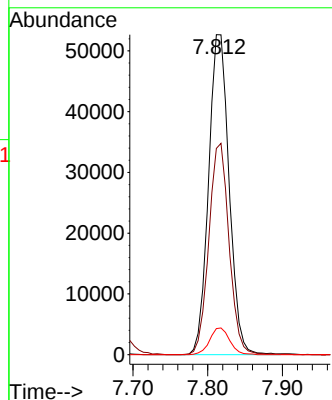
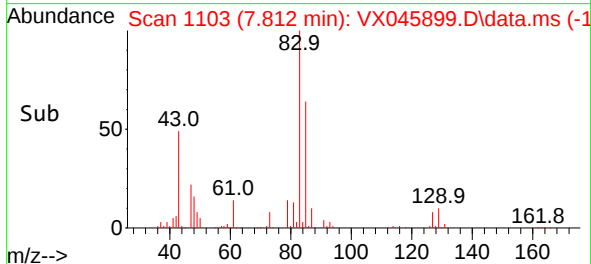
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



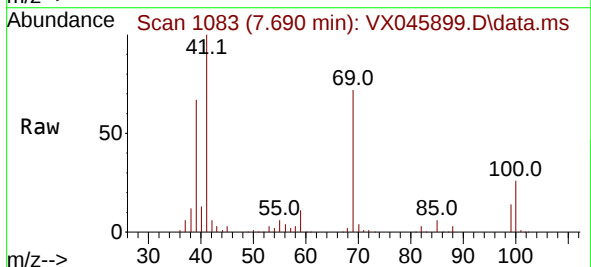
Tgt Ion: 83 Resp: 100788
Ion Ratio Lower Upper
83 100
85 64.4 49.7 74.5
127 8.2 6.1 9.1

Manual Integrations
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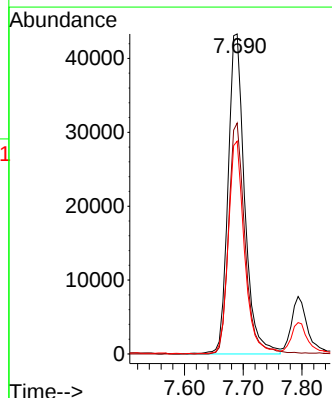
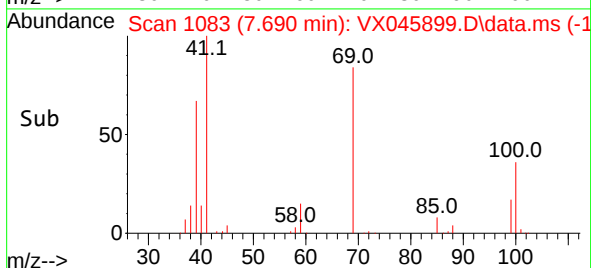
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

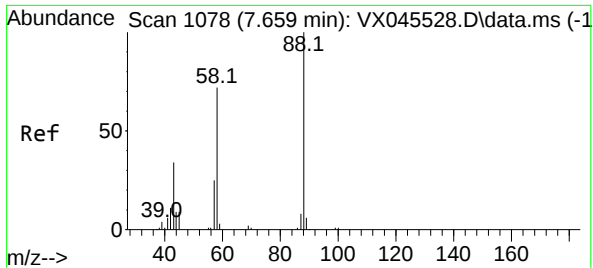


#48
Methyl methacrylate
Concen: 55.823 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56



Tgt Ion: 41 Resp: 85035
Ion Ratio Lower Upper
41 100
69 71.4 58.2 87.2
39 65.2 53.6 80.4





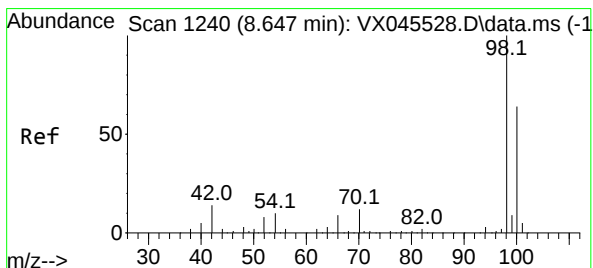
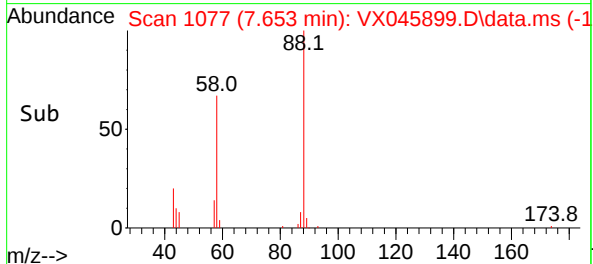
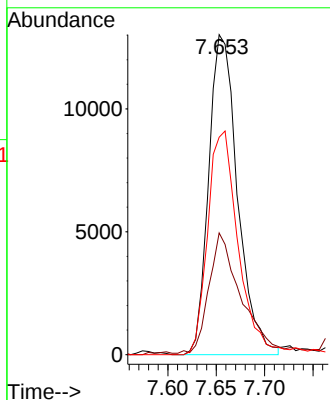
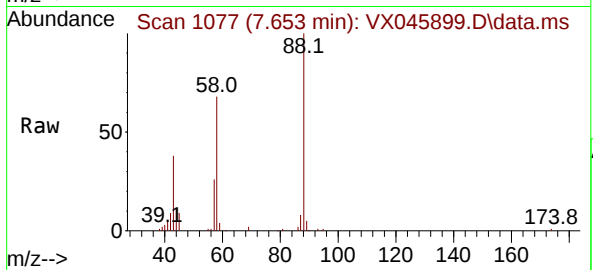
#49
1,4-Dioxane
Concen: 981.628 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 27054
Ion Ratio Lower Upper
88 100
43 42.3 32.2 48.4
58 73.8 58.6 88.0

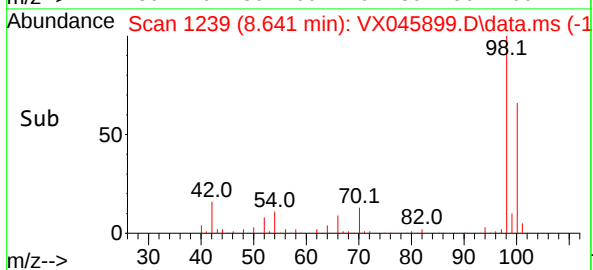
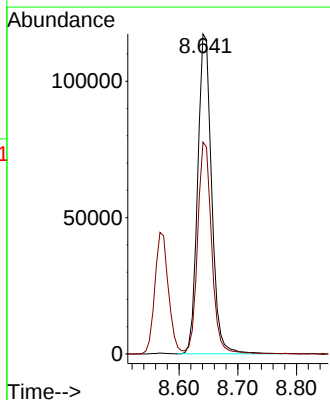
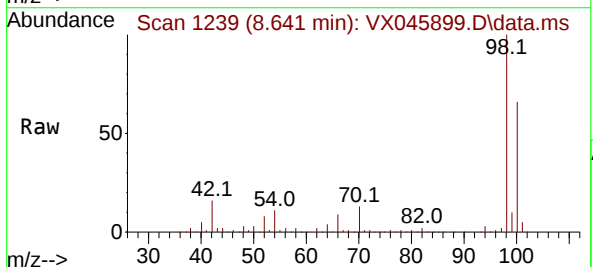
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#50
Toluene-d8
Concen: 48.275 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

Tgt Ion: 98 Resp: 192765
Ion Ratio Lower Upper
98 100
100 67.1 52.2 78.4





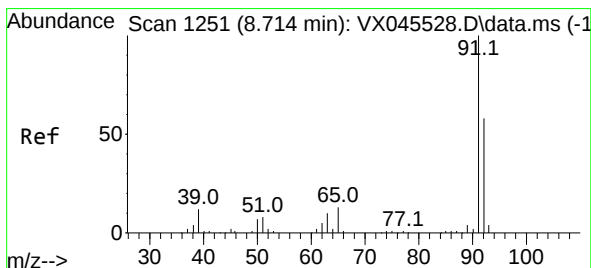
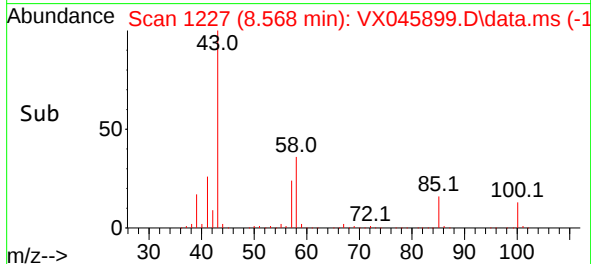
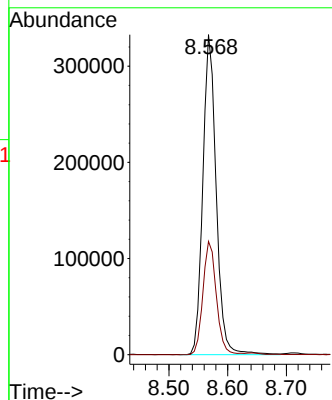
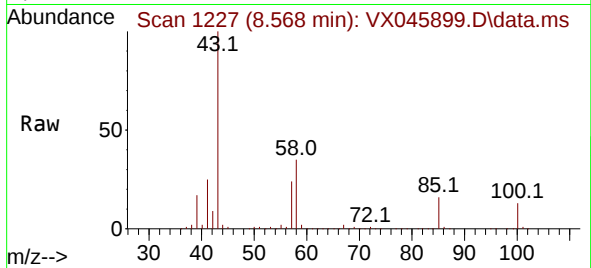
#51
4-Methyl-2-Pentanone
Concen: 268.927 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 525968
Ion Ratio Lower Upper
43 100
58 35.6 28.5 42.7

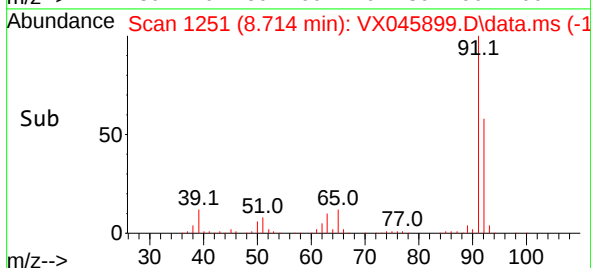
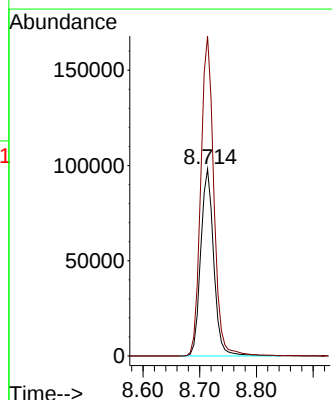
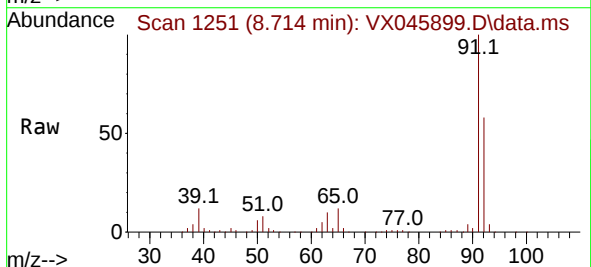
Manual Integrations
APPROVED

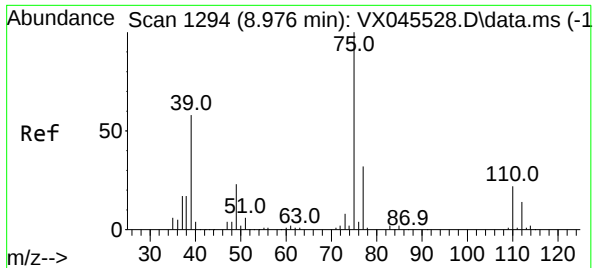
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#52
Toluene
Concen: 54.786 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

Tgt Ion: 92 Resp: 156390
Ion Ratio Lower Upper
92 100
91 172.3 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 53.534 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045899.D

Acq: 23 Apr 2025 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 93189

Ion Ratio Lower Upper

75 100

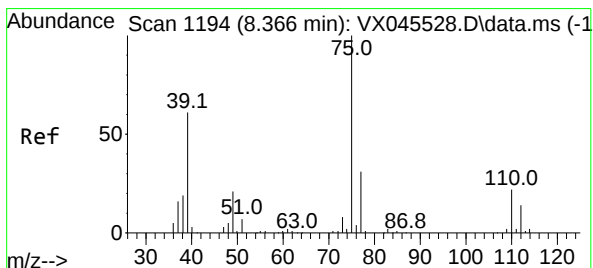
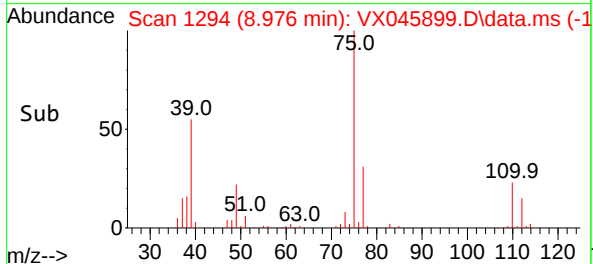
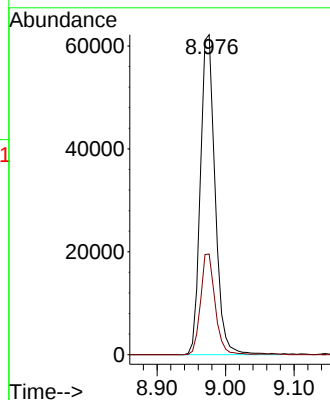
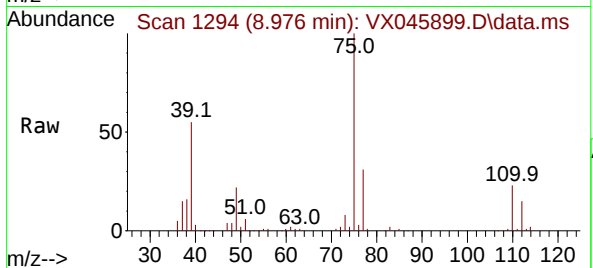
77 31.4 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#54

cis-1,3-Dichloropropene

Concen: 59.345 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045899.D

Acq: 23 Apr 2025 08:56

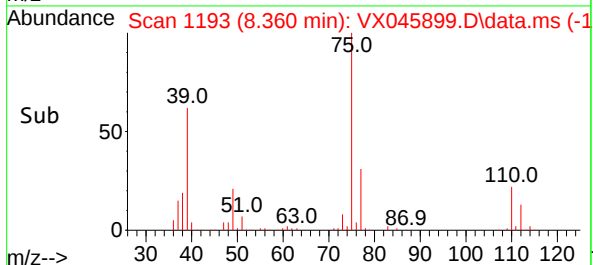
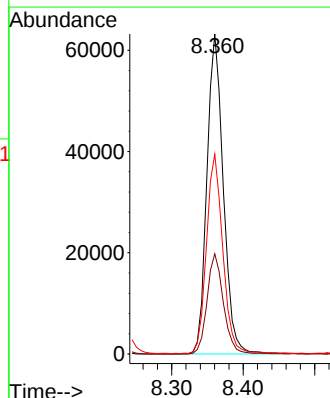
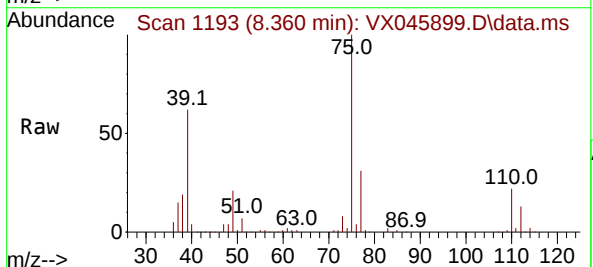
Tgt Ion: 75 Resp: 100632

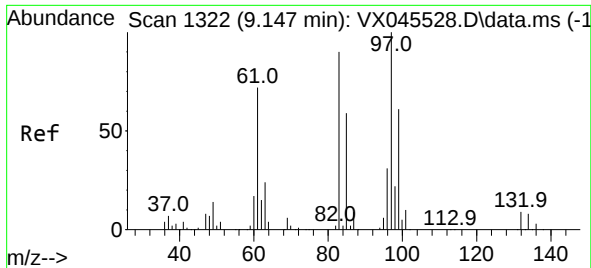
Ion Ratio Lower Upper

75 100

77 31.3 24.6 36.8

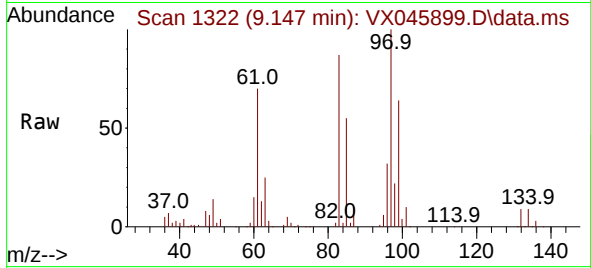
39 62.3 48.4 72.6





#55
1,1,2-Trichloroethane
Concen: 54.214 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

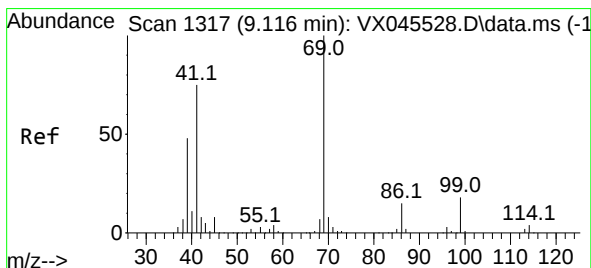
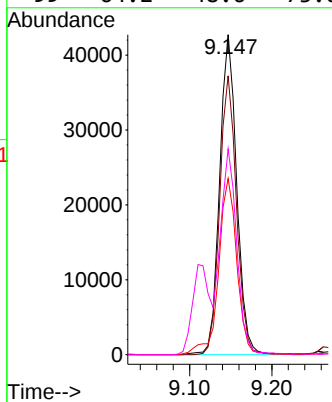
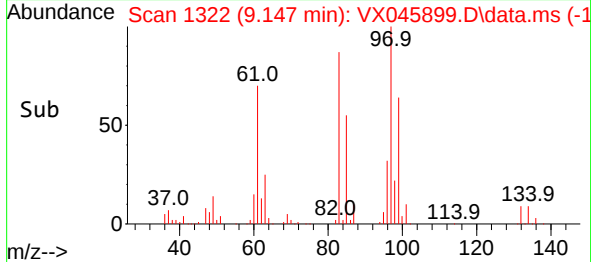
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



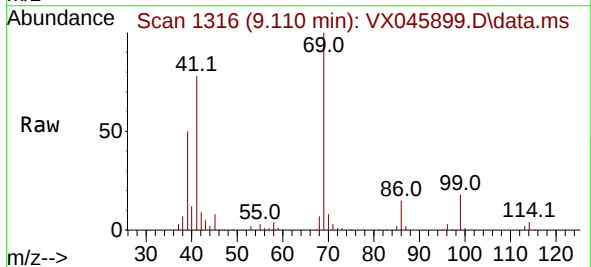
Tgt Ion: 97 Resp: 61669
Ion Ratio Lower Upper
97 100
83 87.2 71.8 107.8
85 55.0 47.0 70.6
99 64.2 48.6 73.0

Manual Integrations
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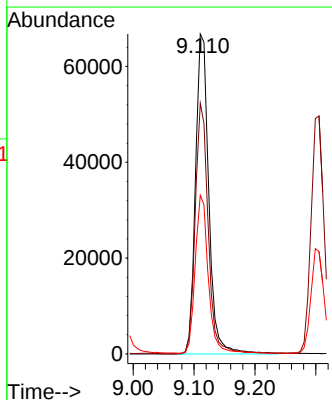
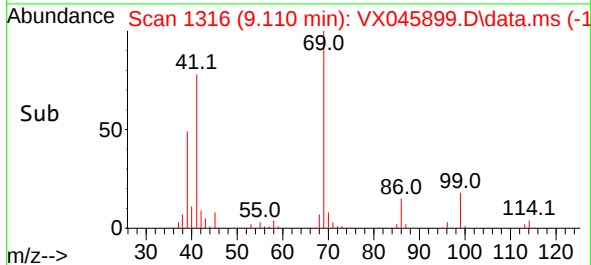
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

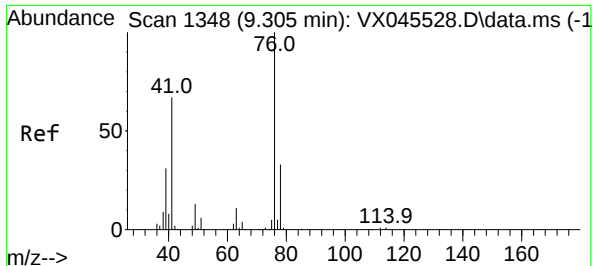


#56
Ethyl methacrylate
Concen: 57.607 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56



Tgt Ion: 69 Resp: 101413
Ion Ratio Lower Upper
69 100
41 77.1 61.3 91.9
39 49.1 40.2 60.2





#57

1,3-Dichloropropane

Concen: 54.076 ug/l

RT: 9.305 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VX045899.D

Acq: 23 Apr 2025 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 107114

Ion Ratio Lower Upper

76 100

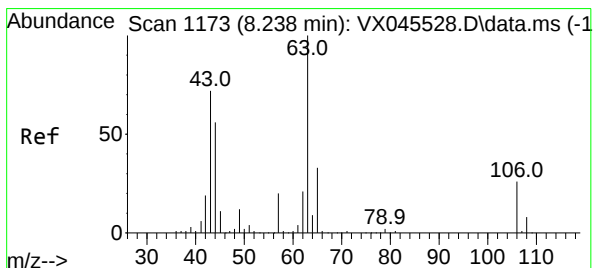
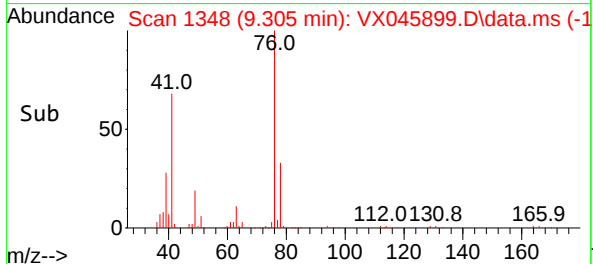
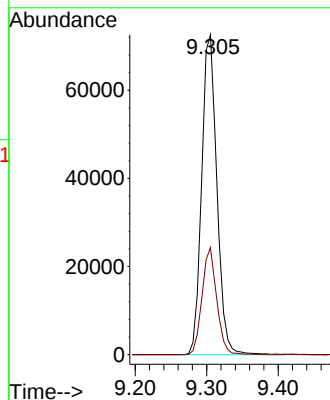
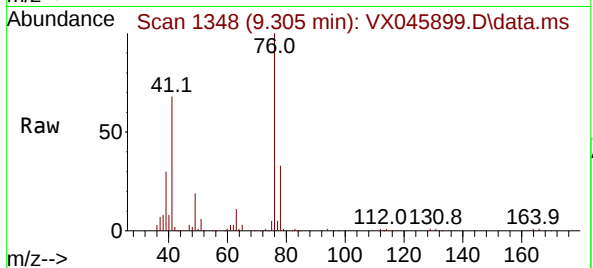
78 32.2 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#58

2-Chloroethyl Vinyl ether

Concen: 277.765 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045899.D

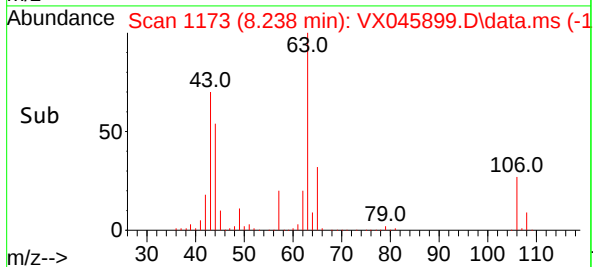
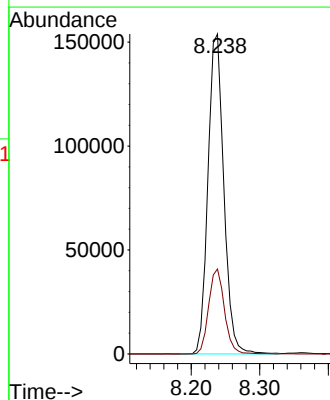
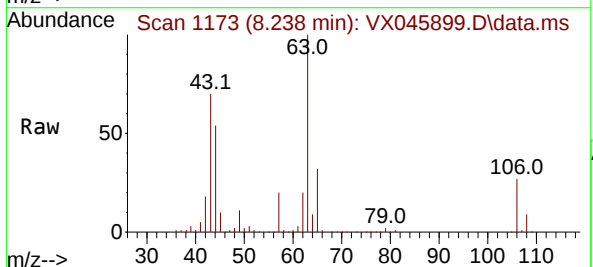
Acq: 23 Apr 2025 08:56

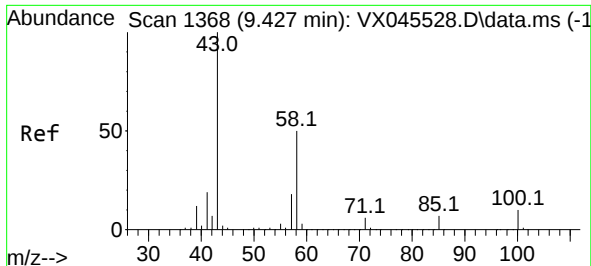
Tgt Ion: 63 Resp: 247364

Ion Ratio Lower Upper

63 100

106 26.4 21.0 31.6





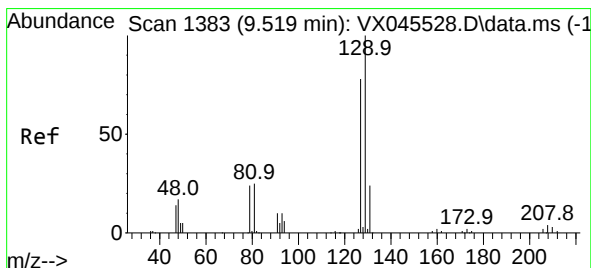
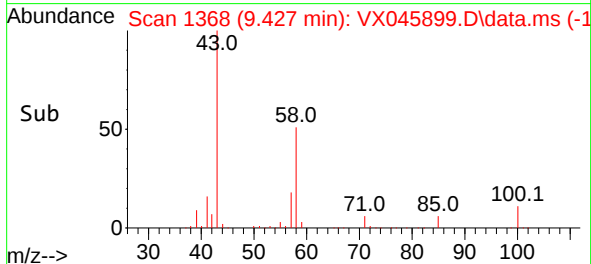
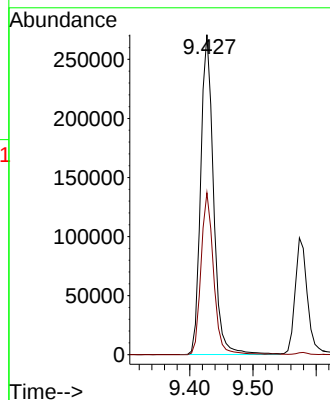
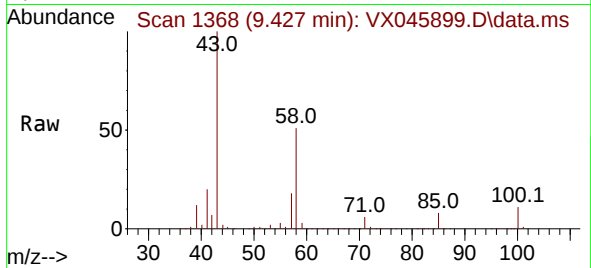
#59
2-Hexanone
Concen: 264.494 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 383073
Ion Ratio Lower Upper
43 100
58 49.6 24.9 74.6

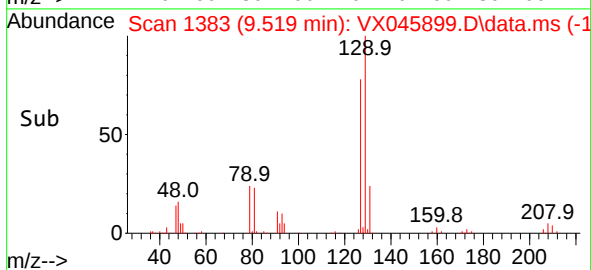
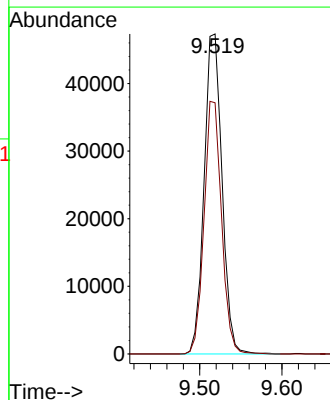
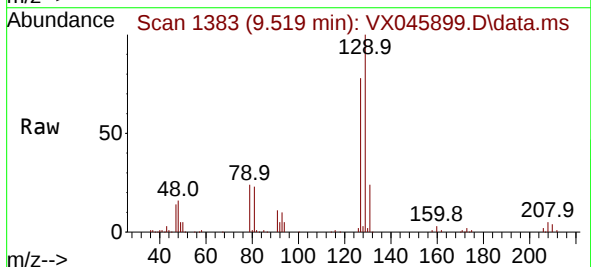
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#60
Dibromochloromethane
Concen: 57.691 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

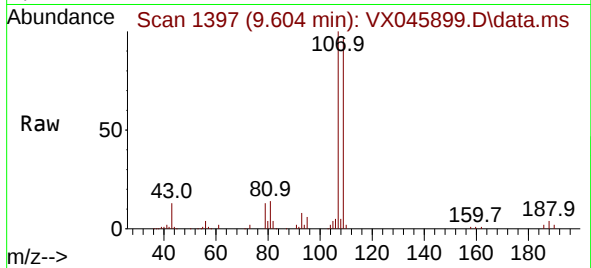
Tgt Ion:129 Resp: 71543
Ion Ratio Lower Upper
129 100
127 77.1 39.4 118.2





#61
1,2-Dibromoethane
Concen: 55.136 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

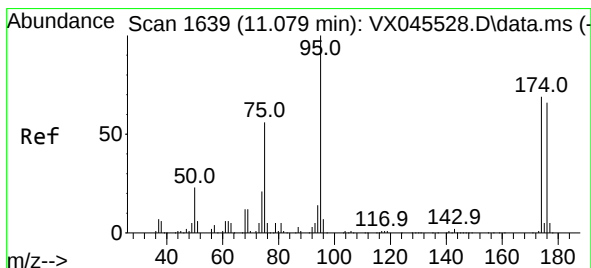
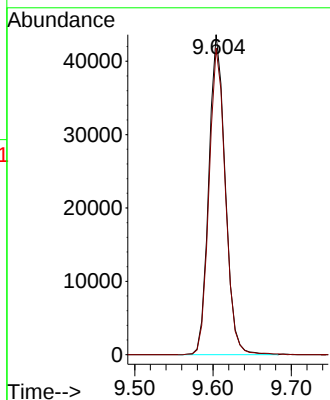
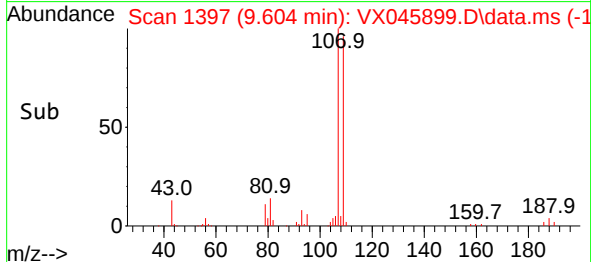
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



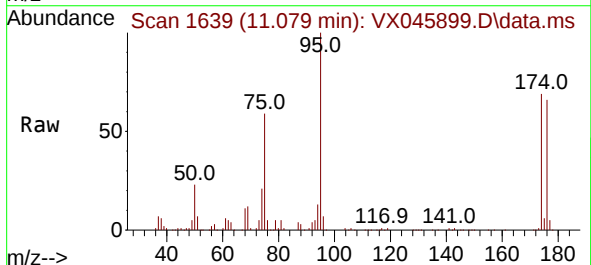
Tgt Ion:107 Resp: 63489
Ion Ratio Lower Upper
107 100
109 95.5 75.7 113.5

Manual Integrations
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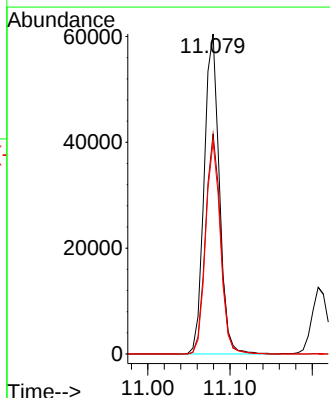
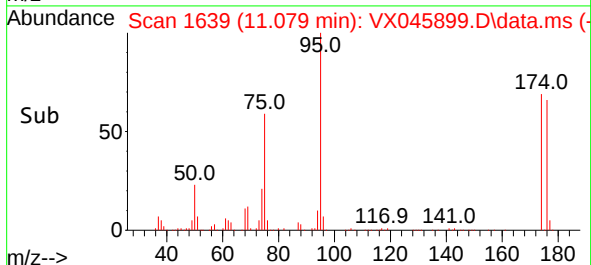
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

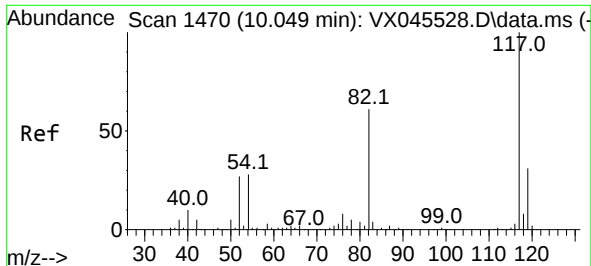


#62
4-Bromofluorobenzene
Concen: 53.163 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56



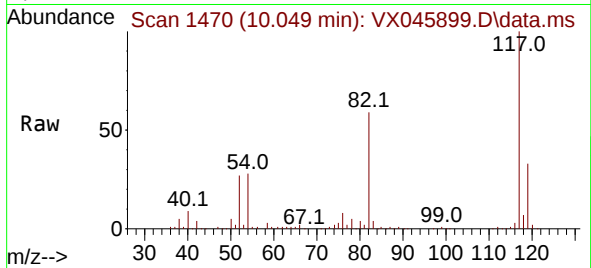
Tgt Ion: 95 Resp: 77324
Ion Ratio Lower Upper
95 100
174 68.6 0.0 135.8
176 64.8 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

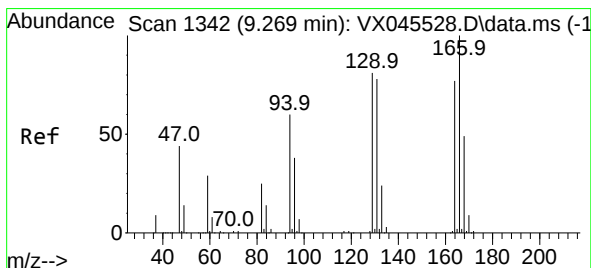
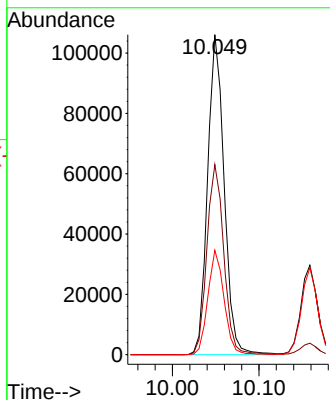
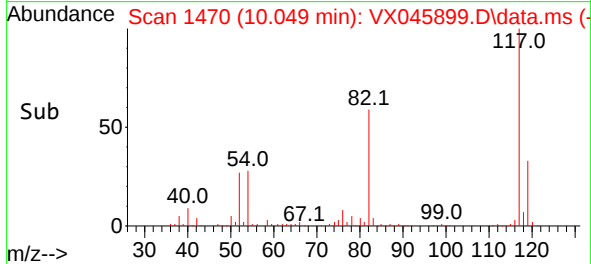
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 140950
Ion Ratio Lower Upper
117 100
82 59.4 49.2 73.8
119 32.6 25.1 37.7

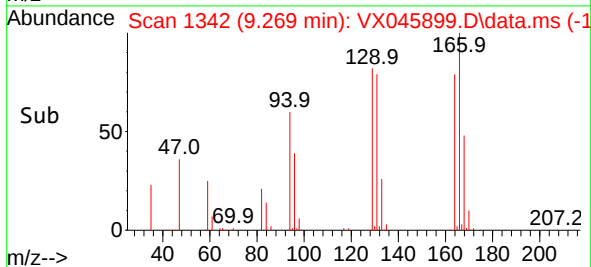
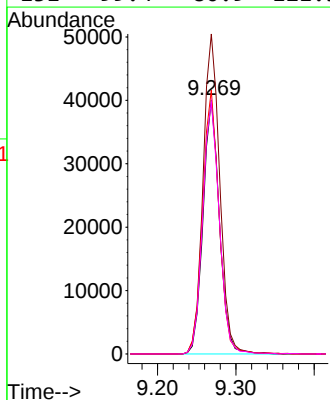
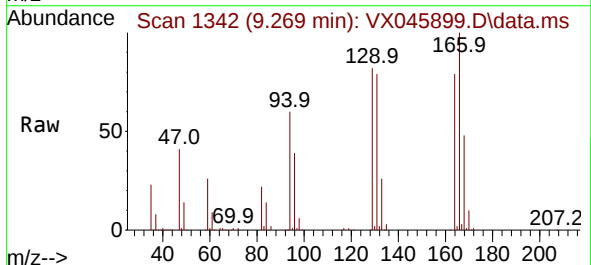
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#64
Tetrachloroethene
Concen: 58.178 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

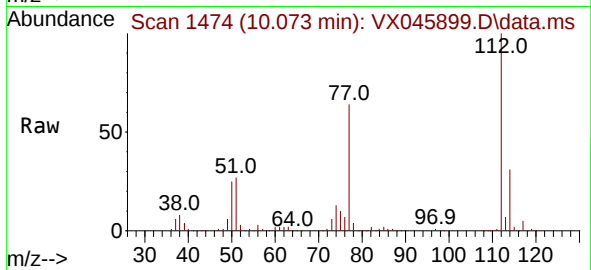
Tgt Ion:164 Resp: 57896
Ion Ratio Lower Upper
164 100
166 126.1 103.8 155.8
129 104.0 84.3 126.5
131 99.4 80.9 121.3





#65
Chlorobenzene
Concen: 55.626 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

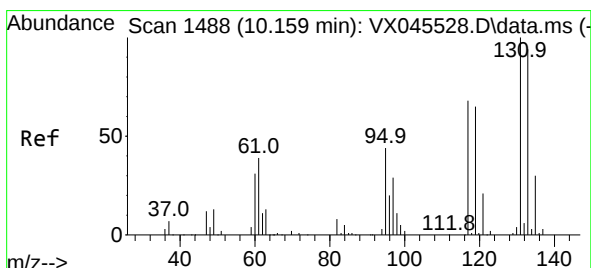
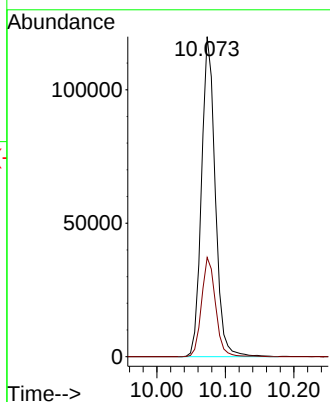
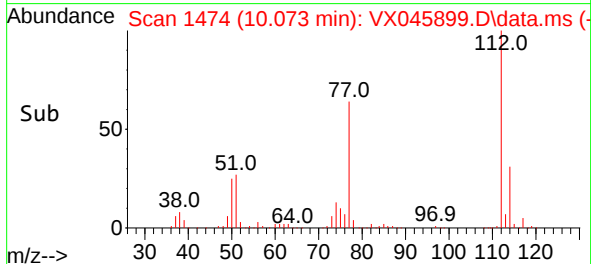
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



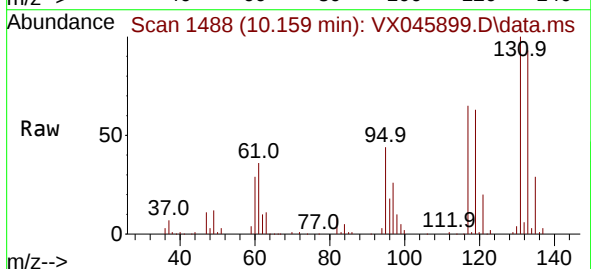
Tgt Ion:112 Resp: 167539
Ion Ratio Lower Upper
112 100
114 31.0 24.7 37.1

Manual Integrations
APPROVED

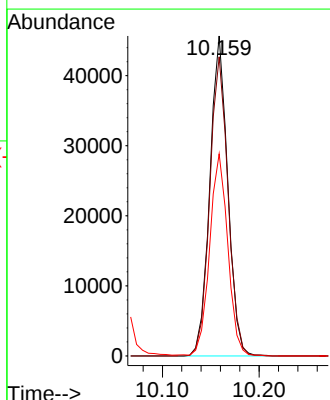
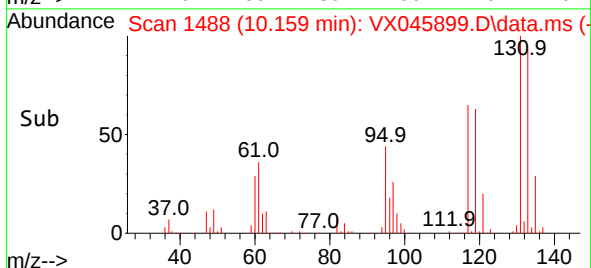
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

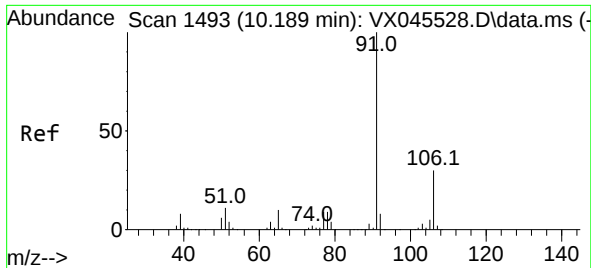


#66
1,1,1,2-Tetrachloroethane
Concen: 56.179 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56



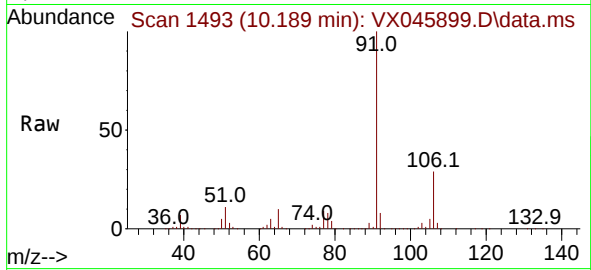
Tgt Ion:131 Resp: 58745
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.5
119 64.1 32.9 98.6





#67
Ethyl Benzene
Concen: 57.326 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

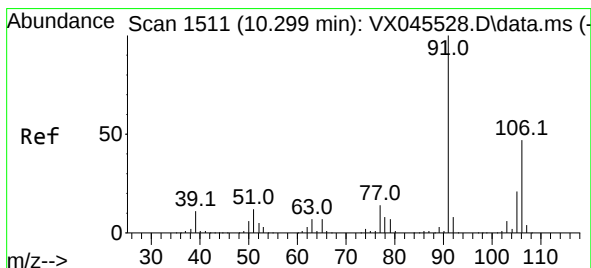
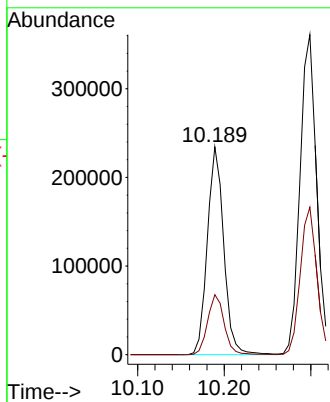
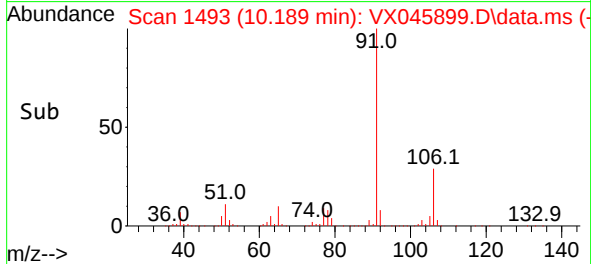
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 30923
Ion Ratio Lower Upper
91 100
106 28.9 23.7 35.5

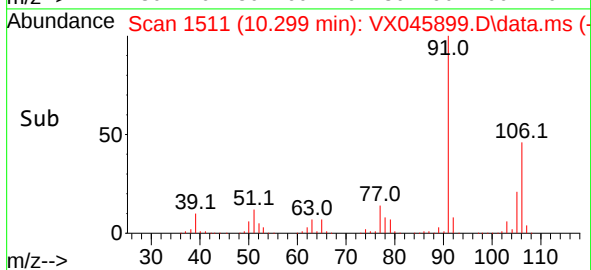
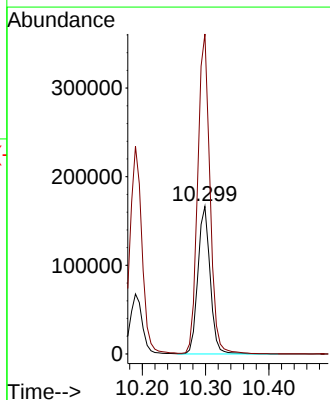
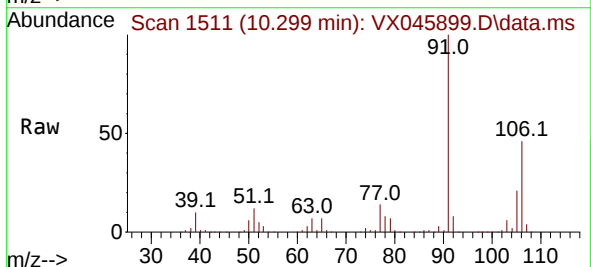
Manual Integrations
APPROVED

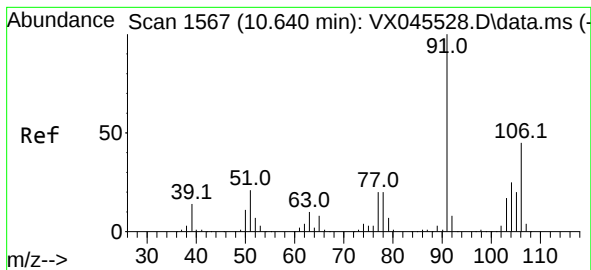
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#68
m/p-Xylenes
Concen: 114.517 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

Tgt Ion:106 Resp: 224676
Ion Ratio Lower Upper
106 100
91 217.0 172.6 258.8





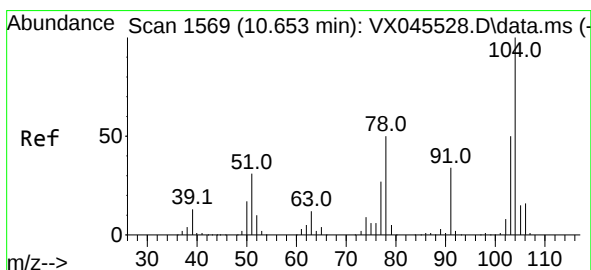
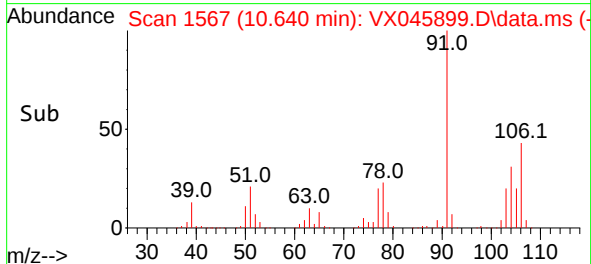
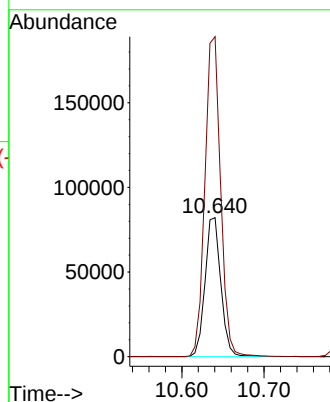
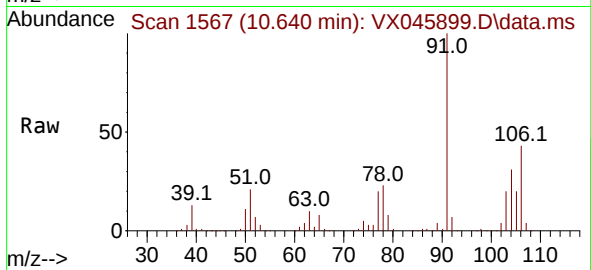
#69
o-Xylene
Concen: 56.734 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 10965
Ion Ratio Lower Upper
106 100
91 228.7 113.6 340.6

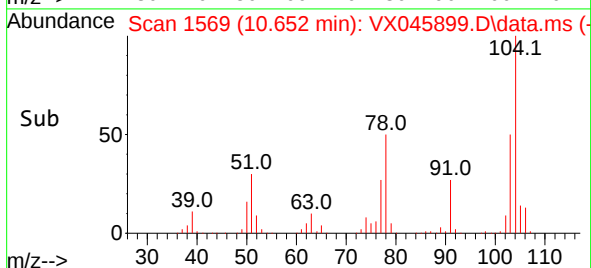
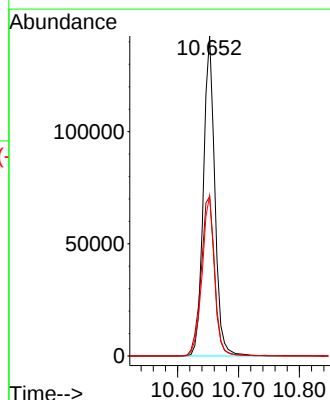
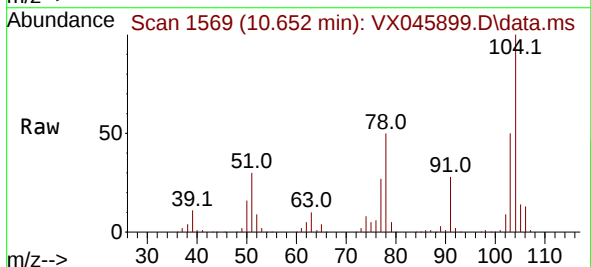
Manual Integrations
APPROVED

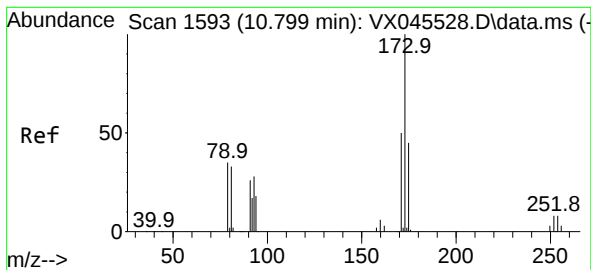
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#70
Styrene
Concen: 58.523 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

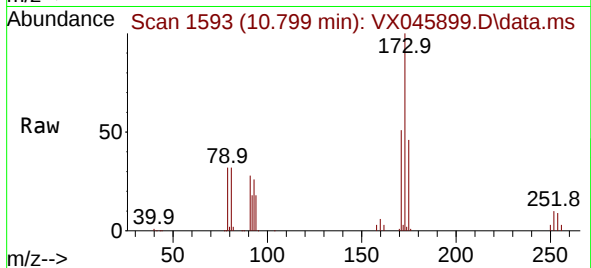
Tgt Ion:104 Resp: 186682
Ion Ratio Lower Upper
104 100
78 58.2 45.4 68.2
103 55.2 43.8 65.8





#71
Bromoform
Concen: 57.764 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

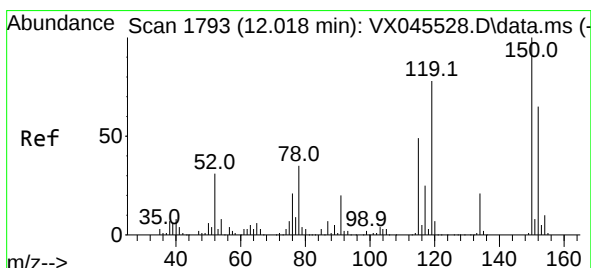
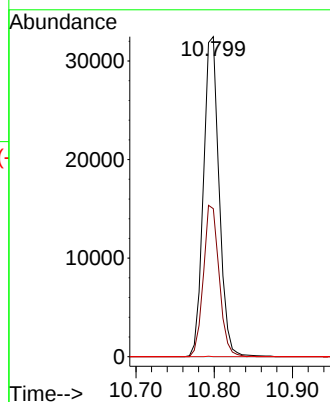
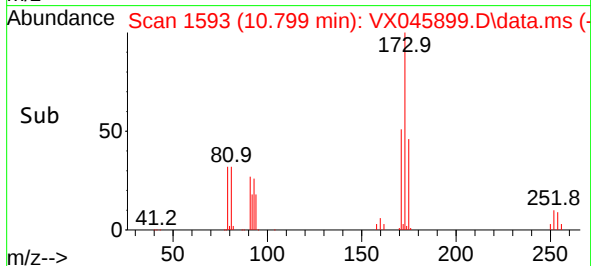
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 45100
Ion Ratio Lower Upper
173 100
175 47.5 23.4 70.2
254 0.0 0.0 0.0

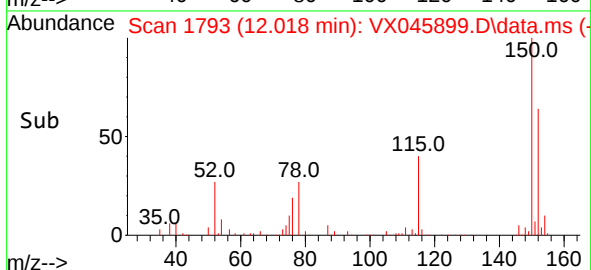
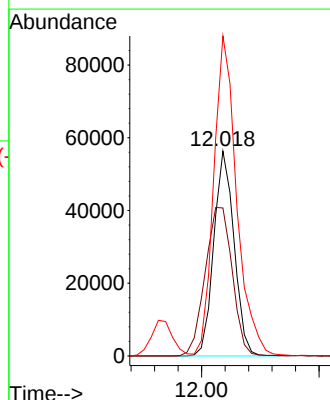
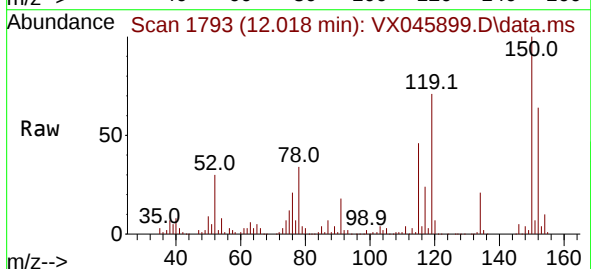
Manual Integrations
APPROVED

Reviewed By :John Carbone 04/24/2025
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: VX045899.D
Acq: 23 Apr 2025 08:56

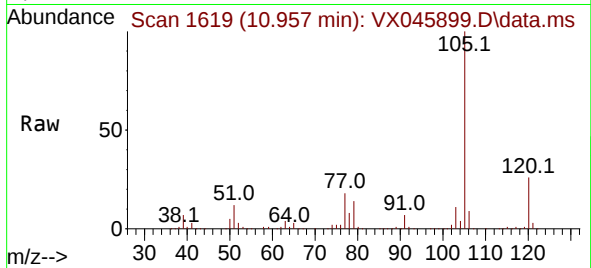
Tgt Ion:152 Resp: 67565
Ion Ratio Lower Upper
152 100
115 96.7 46.9 140.7
150 176.5 0.0 349.4





#73
Isopropylbenzene
Concen: 54.345 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

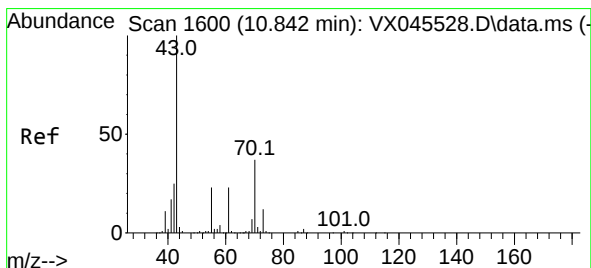
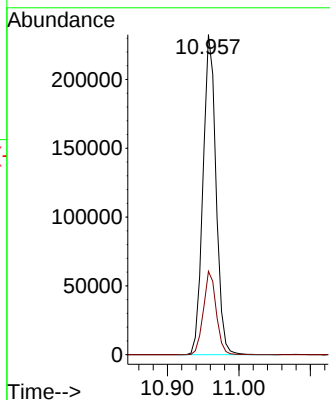
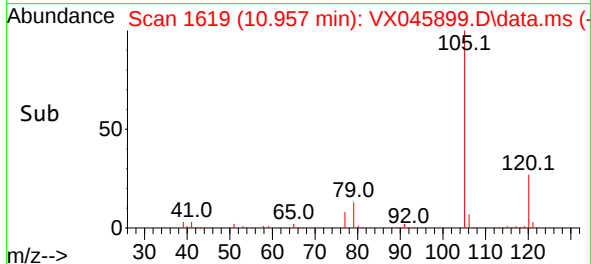
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



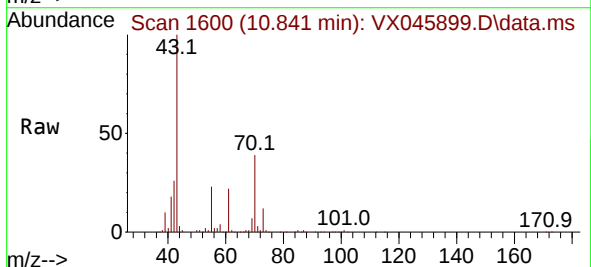
Tgt Ion:105 Resp: 294115
Ion Ratio Lower Upper
105 100
120 25.6 12.7 38.0

Manual Integrations
APPROVED

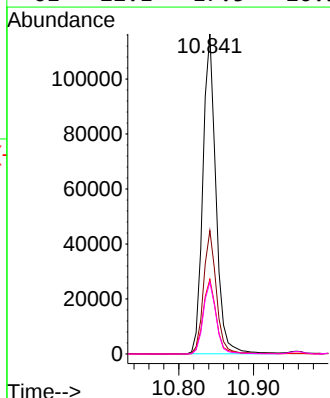
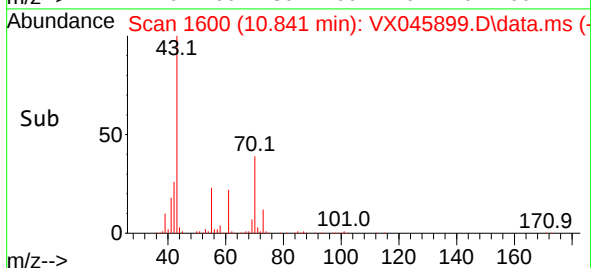
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

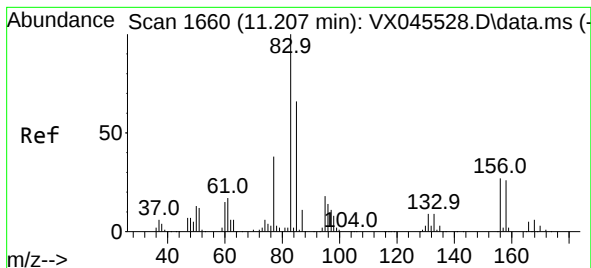


#74
N-ethyl acetate
Concen: 54.549 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56



Tgt Ion: 43 Resp: 141219
Ion Ratio Lower Upper
43 100
70 38.3 30.1 45.1
55 23.5 18.3 27.5
61 22.1 17.5 26.3





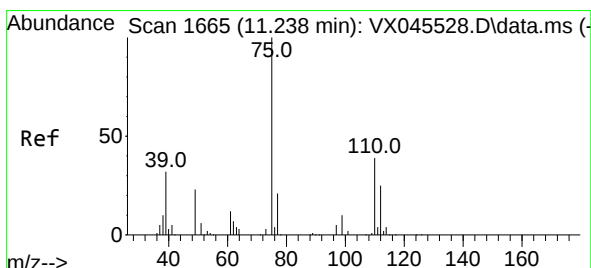
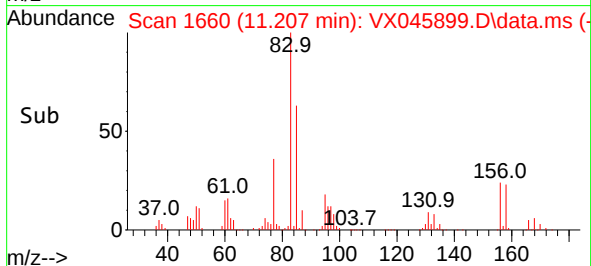
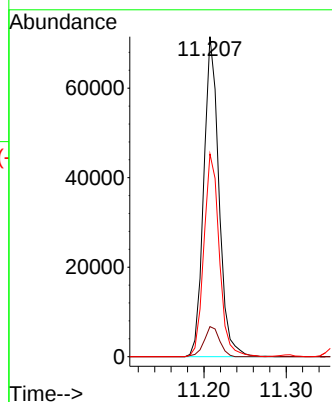
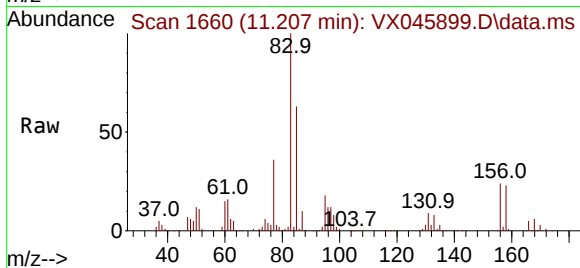
#75
1,1,2,2-Tetrachloroethane
Concen: 48.299 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 91824
Ion Ratio Lower Upper
83 100
131 9.6 4.7 14.1
85 64.1 32.4 97.2

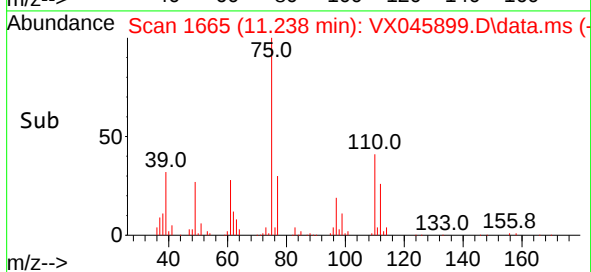
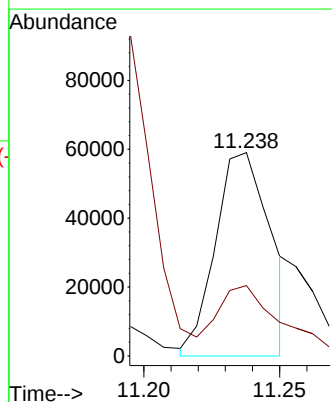
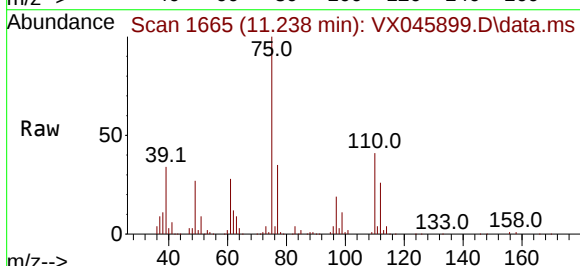
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#76
1,2,3-Trichloropropane
Concen: 50.180 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

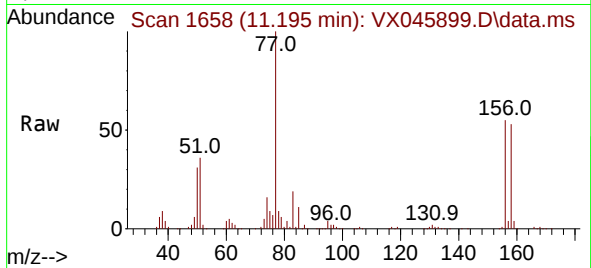
Tgt Ion: 75 Resp: 82701
Ion Ratio Lower Upper
75 100
77 40.4 20.0 59.9





#77
Bromobenzene
Concen: 52.484 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

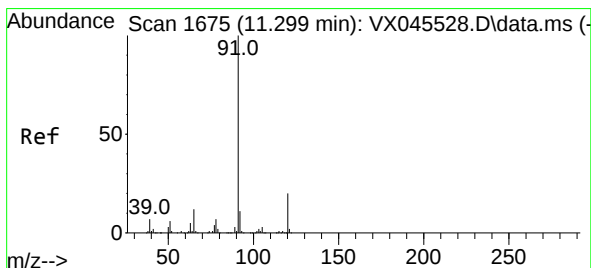
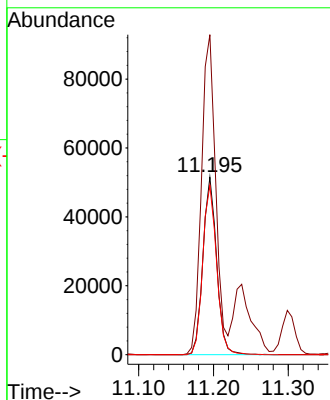
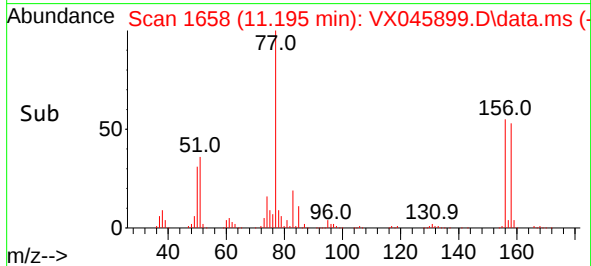
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



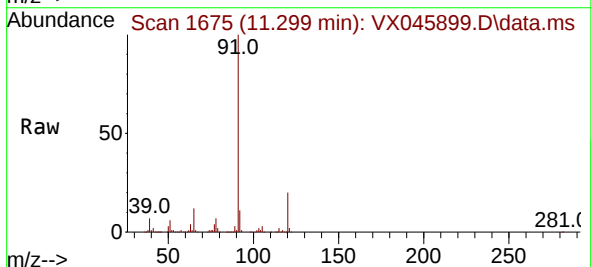
Tgt Ion:156 Resp: 65629
Ion Ratio Lower Upper
156 100
77 187.1 92.6 277.8
158 97.0 48.1 144.4

Manual Integrations
APPROVED

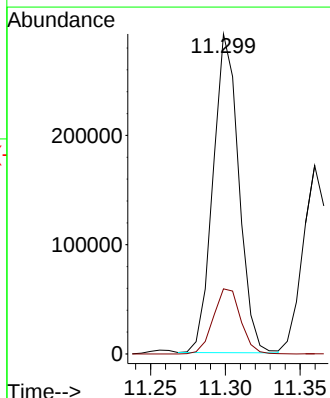
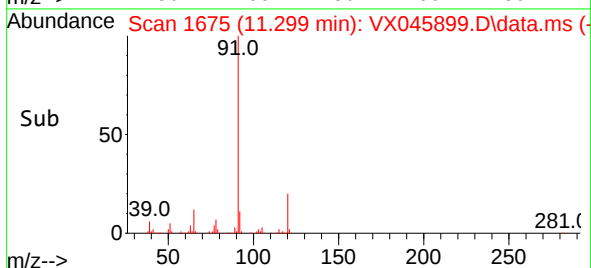
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

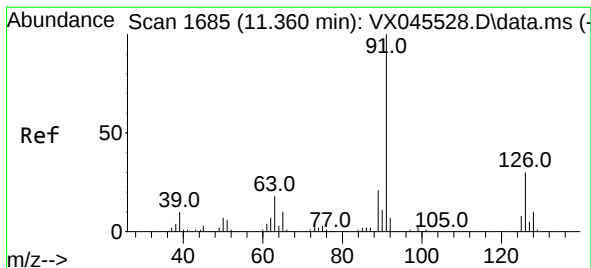


#78
n-propylbenzene
Concen: 56.038 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56



Tgt Ion: 91 Resp: 349327
Ion Ratio Lower Upper
91 100
120 21.8 10.8 32.3





#79
2-Chlorotoluene
Concen: 53.009 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

Instrument :

MSVOA_X

ClientSampleId :

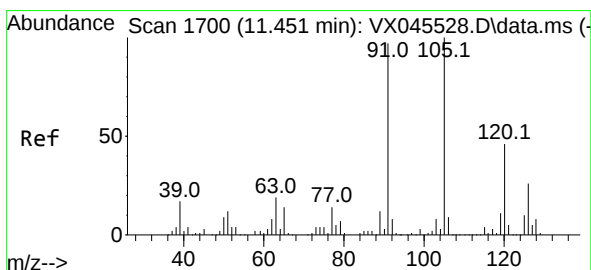
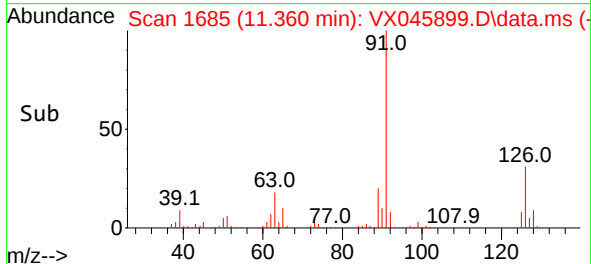
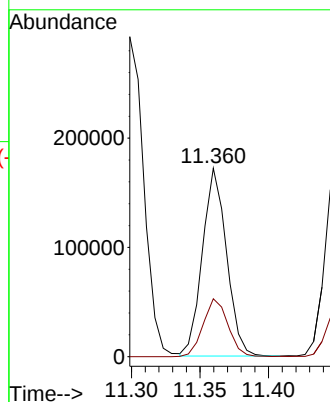
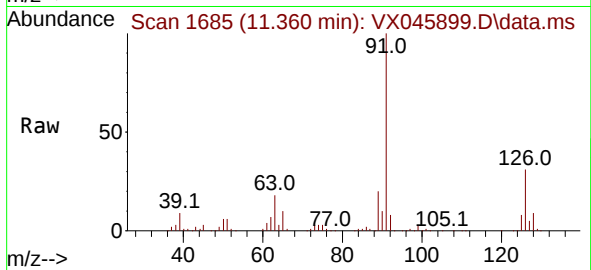
VSTDCCC050

Tgt Ion: 91 Resp: 21125
Ion Ratio Lower Upper
91 100
126 31.8 15.8 47.4

Manual Integrations

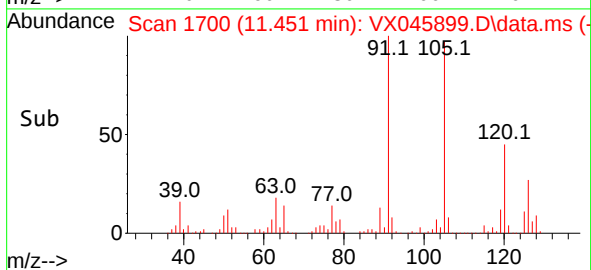
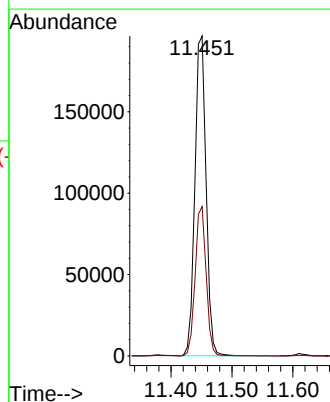
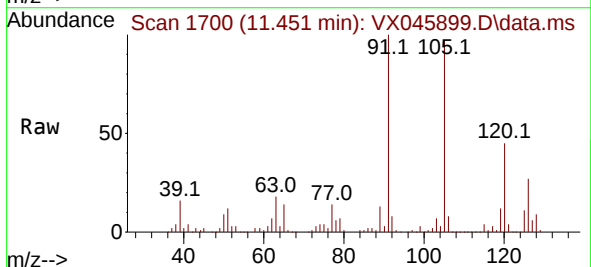
APPROVED

Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#80
1,3,5-Trimethylbenzene
Concen: 56.049 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

Tgt Ion:105 Resp: 250835
Ion Ratio Lower Upper
105 100
120 46.0 23.0 69.0





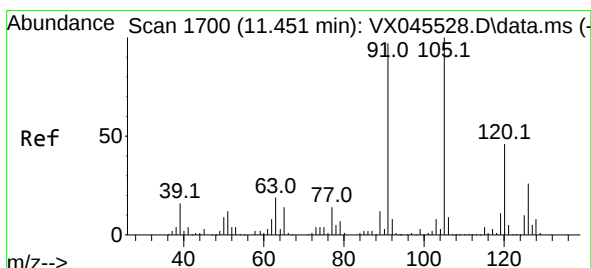
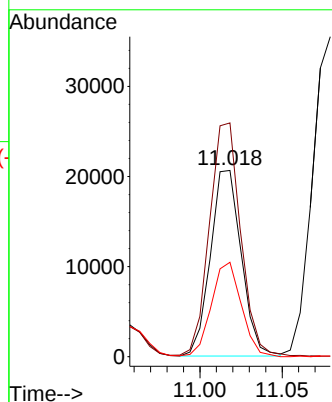
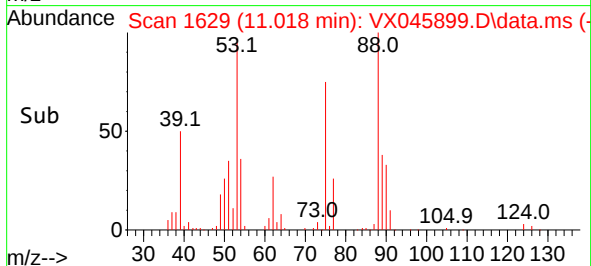
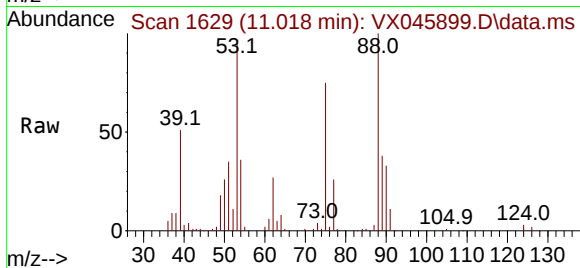
#81
trans-1,4-Dichloro-2-butene
Concen: 55.430 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 2691
Ion Ratio Lower Upper
75 100
53 127.4 101.8 152.6
89 49.3 37.2 55.8

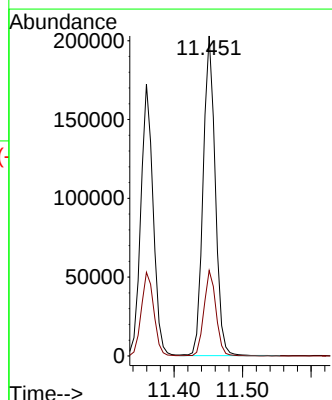
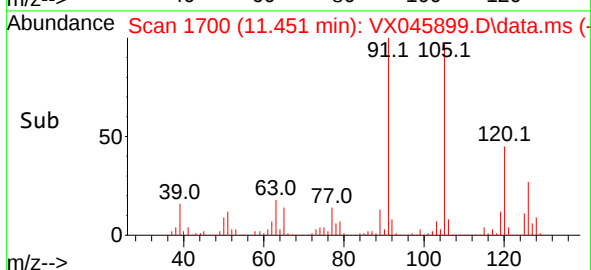
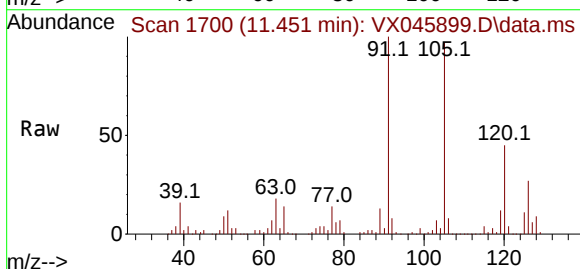
Manual Integrations
APPROVED

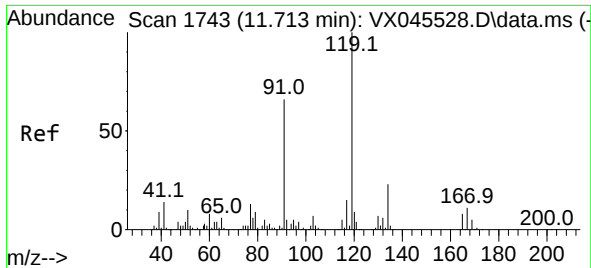
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#82
4-Chlorotoluene
Concen: 56.190 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

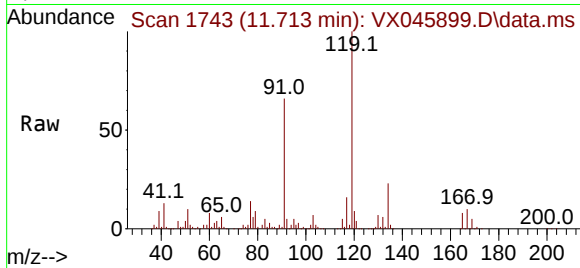
Tgt Ion: 91 Resp: 249670
Ion Ratio Lower Upper
91 100
126 26.6 13.3 39.9





#83
tert-Butylbenzene
Concen: 54.990 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

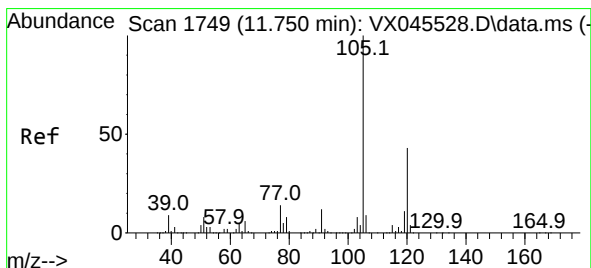
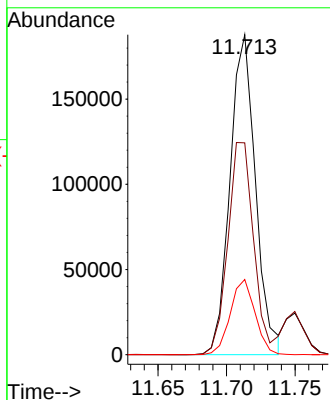
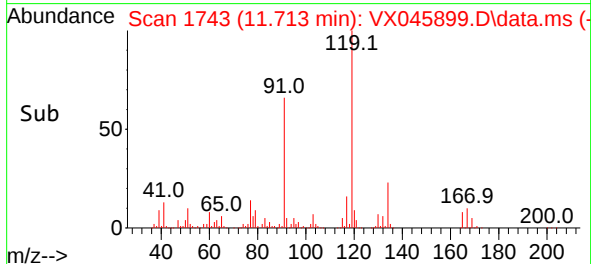
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 24364
Ion Ratio Lower Upper
119 100
91 66.5 32.4 97.2
134 22.9 11.5 34.5

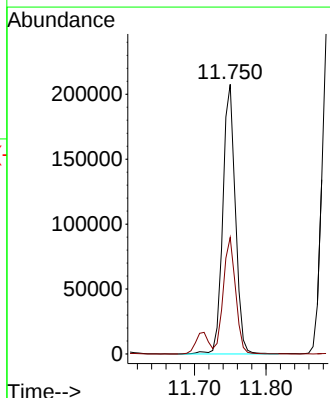
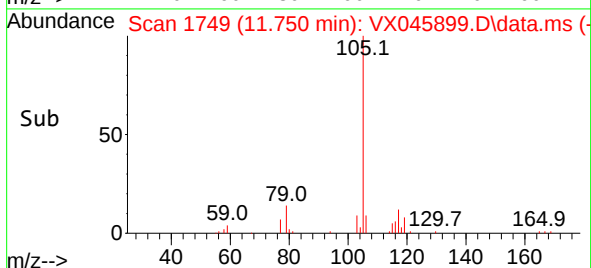
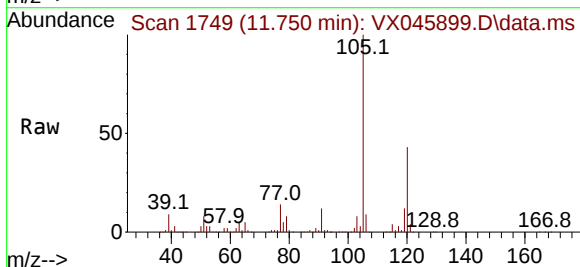
Manual Integrations
APPROVED

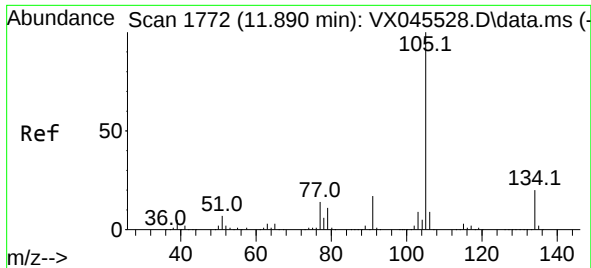
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#84
1,2,4-Trimethylbenzene
Concen: 56.443 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

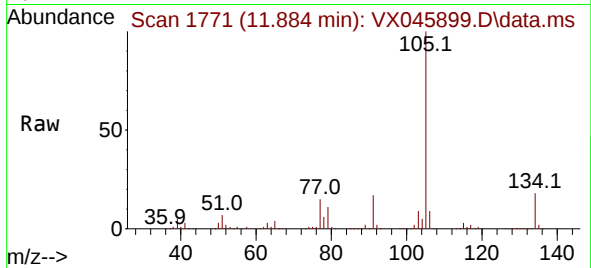
Tgt Ion:105 Resp: 253529
Ion Ratio Lower Upper
105 100
120 42.5 21.4 64.3





#85
 sec-Butylbenzene
 Concen: 57.168 ug/l
 RT: 11.884 min Scan# 1771
 Delta R.T. -0.006 min
 Lab File: VX045899.D
 Acq: 23 Apr 2025 08:56

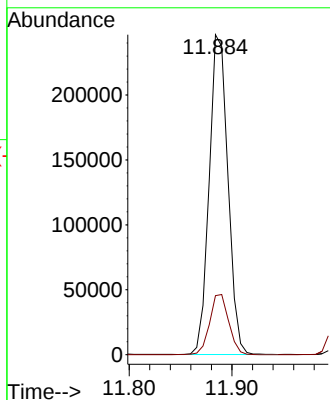
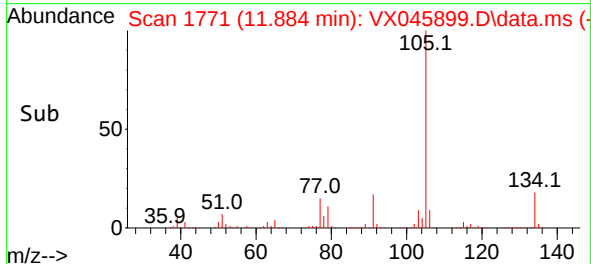
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 31110
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.6

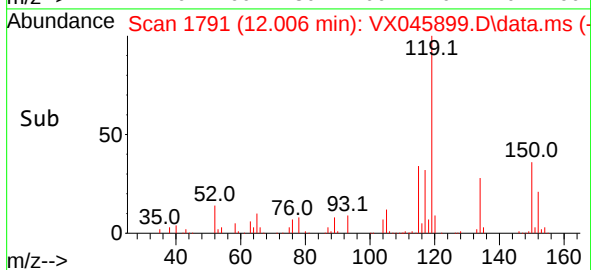
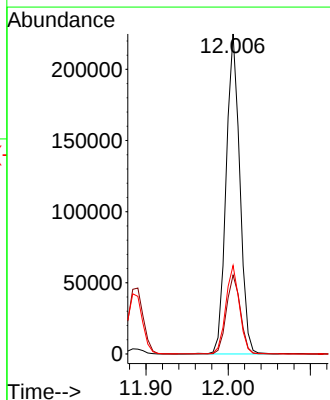
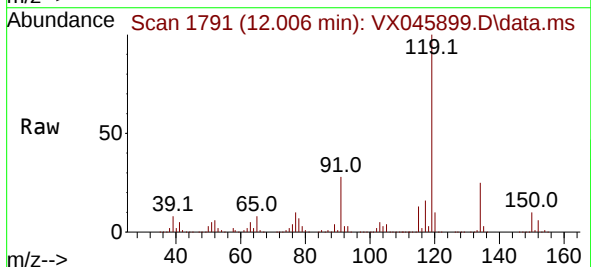
Manual Integrations
 APPROVED

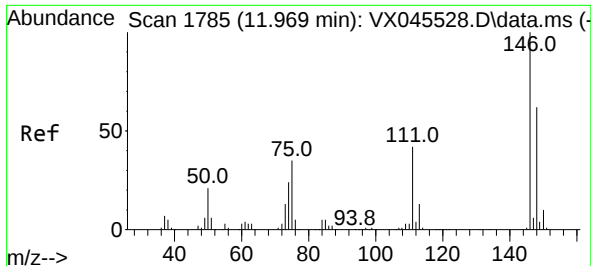
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#86
 p-Isopropyltoluene
 Concen: 57.778 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045899.D
 Acq: 23 Apr 2025 08:56

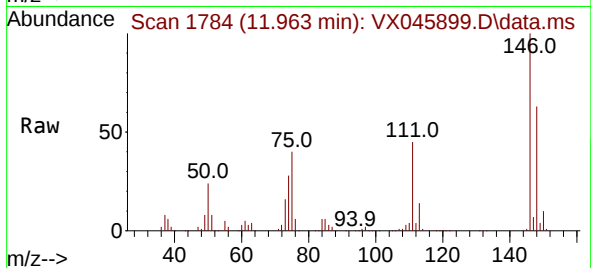
Tgt Ion:119 Resp: 259221
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.6 37.8
 91 27.7 13.7 41.1





#87
1,3-Dichlorobenzene
Concen: 53.983 ug/l
RT: 11.963 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

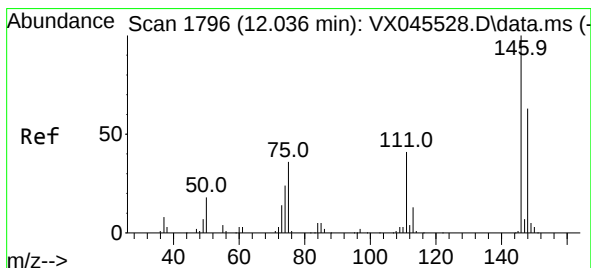
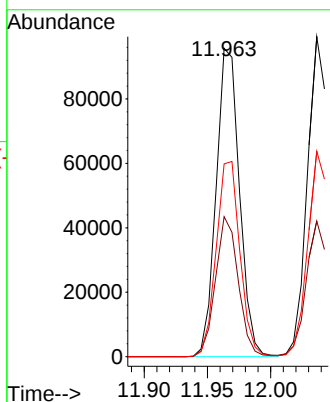
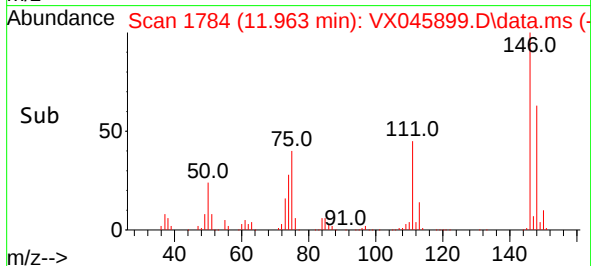
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



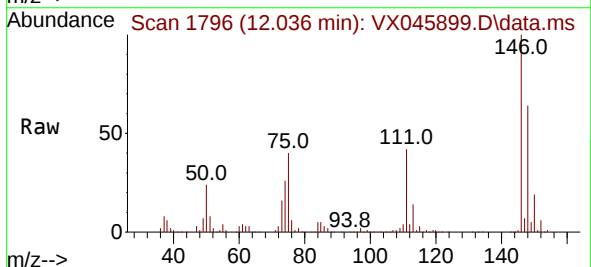
Tgt Ion:146 Resp: 122878
Ion Ratio Lower Upper
146 100
111 44.3 22.2 66.6
148 64.3 31.9 95.7

Manual Integrations
APPROVED

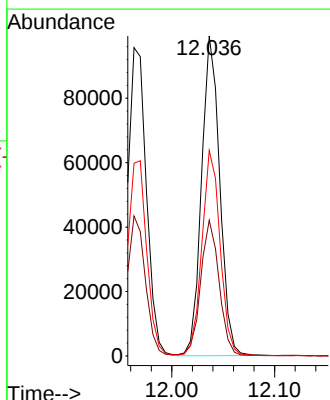
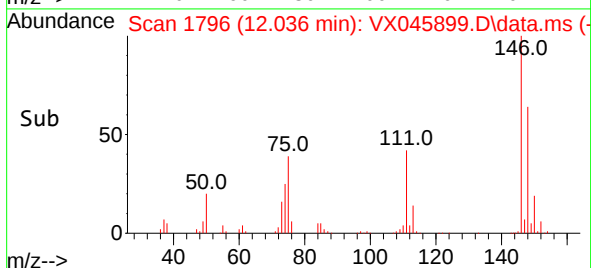
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

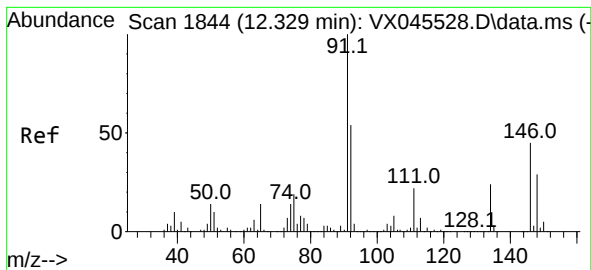


#88
1,4-Dichlorobenzene
Concen: 53.065 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56



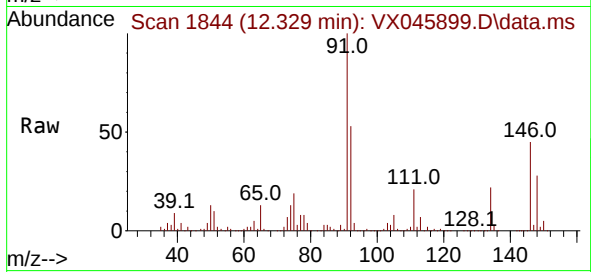
Tgt Ion:146 Resp: 122455
Ion Ratio Lower Upper
146 100
111 43.1 20.9 62.8
148 64.3 31.5 94.5





#89
n-Butylbenzene
Concen: 60.894 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

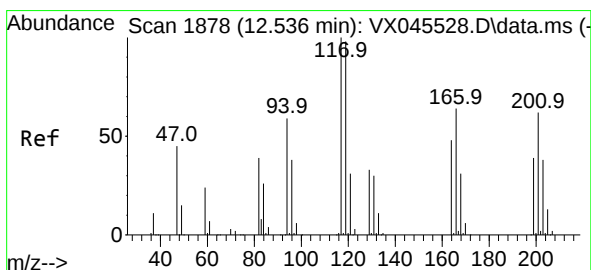
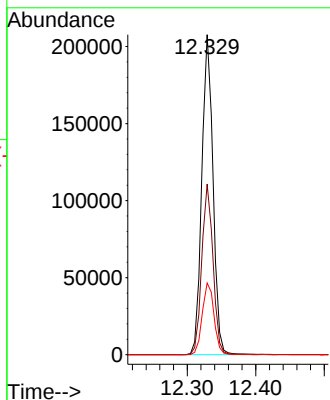
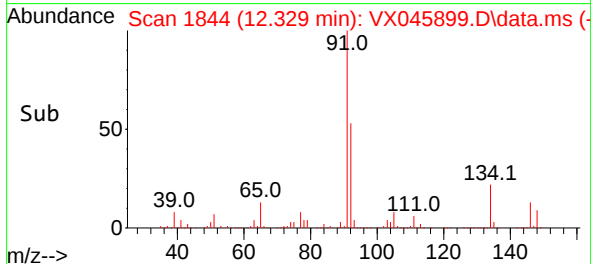
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 236910
Ion Ratio Lower Upper
91 100
92 53.4 26.9 80.6
134 23.5 11.9 35.7

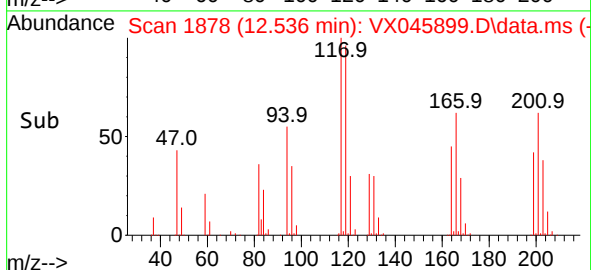
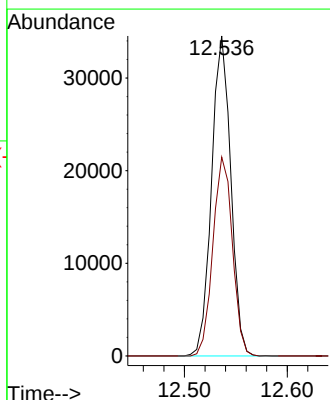
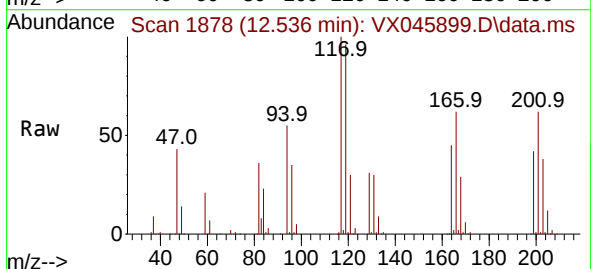
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#90
Hexachloroethane
Concen: 58.131 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

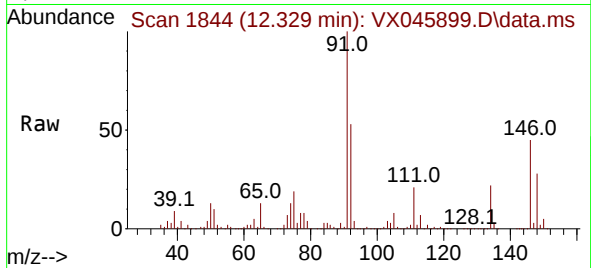
Tgt Ion:117 Resp: 44822
Ion Ratio Lower Upper
117 100
201 63.2 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 53.916 ug/l
RT: 12.329 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

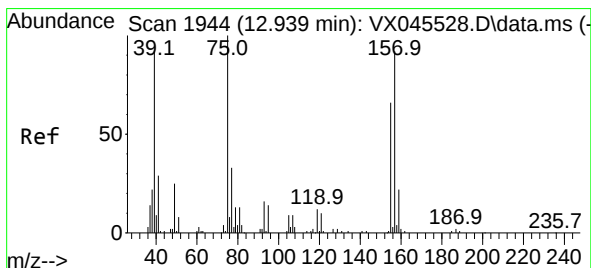
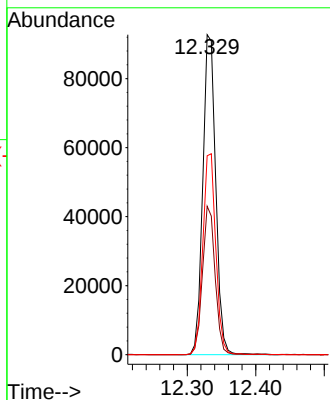
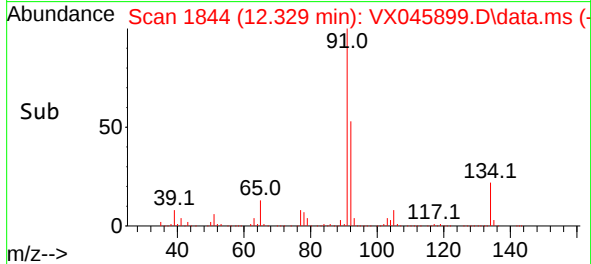
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 122014
Ion Ratio Lower Upper
146 100
111 45.5 22.9 68.8
148 63.0 31.9 95.5

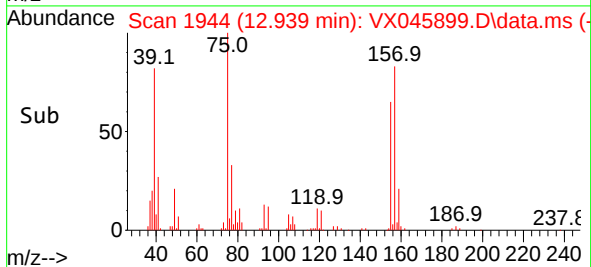
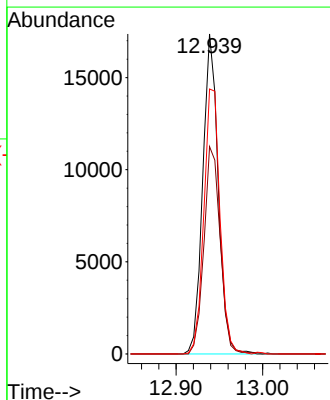
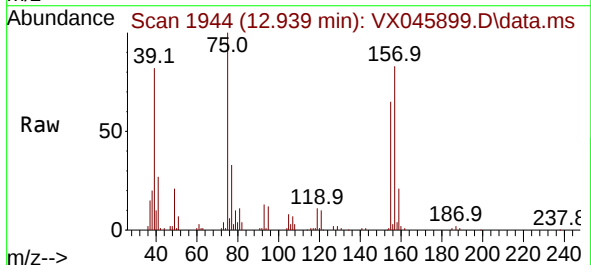
Manual Integrations
APPROVED

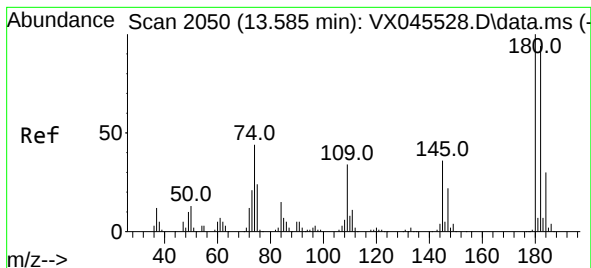
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.243 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045899.D
Acq: 23 Apr 2025 08:56

Tgt Ion: 75 Resp: 21567
Ion Ratio Lower Upper
75 100
155 68.0 34.9 104.7
157 86.3 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 56.235 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX045899.D

Acq: 23 Apr 2025 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 70838

Ion Ratio Lower Upper

180 100

182 96.4 47.9 143.6

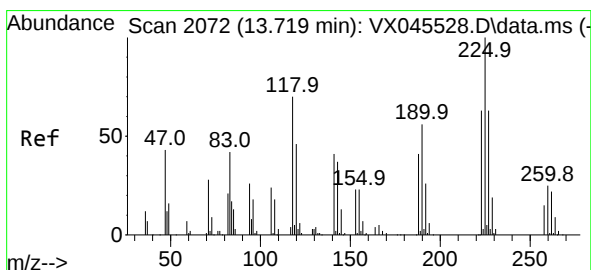
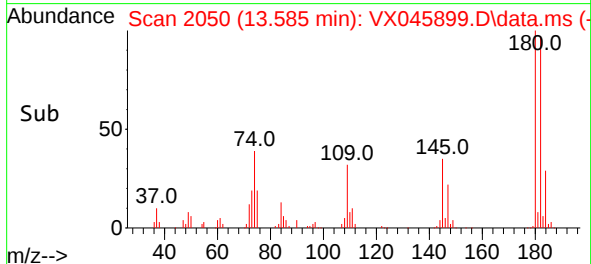
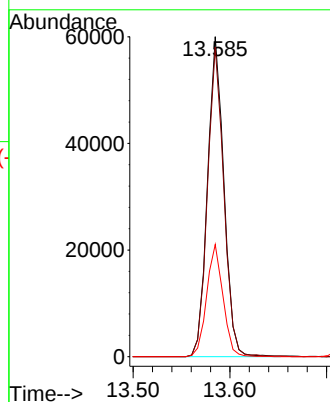
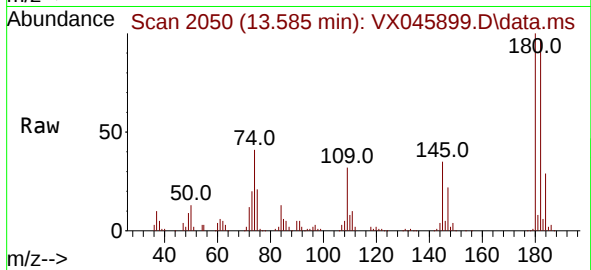
145 35.0 17.9 53.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#94

Hexachlorobutadiene

Concen: 57.373 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VX045899.D

Acq: 23 Apr 2025 08:56

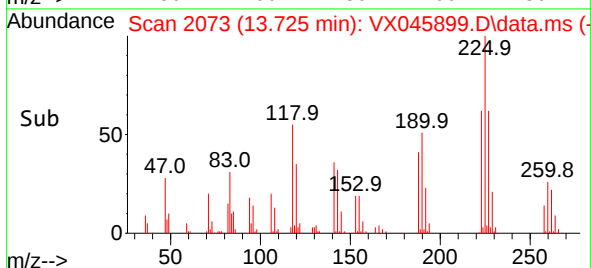
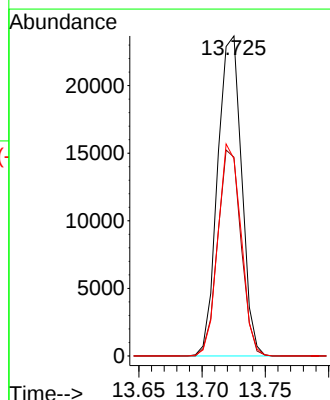
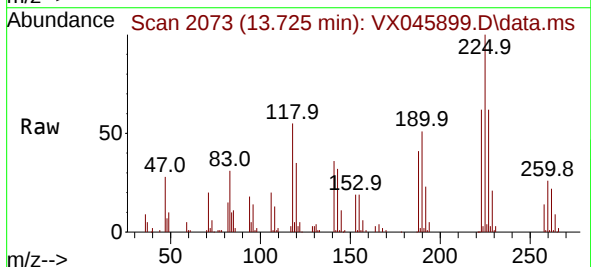
Tgt Ion:225 Resp: 31143

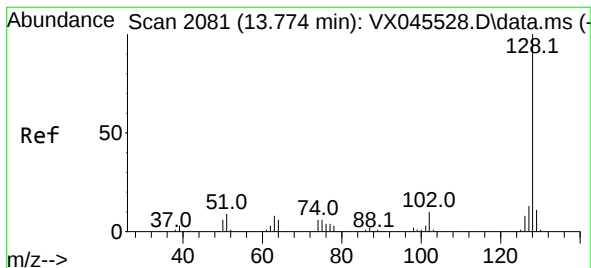
Ion Ratio Lower Upper

225 100

223 62.7 31.1 93.3

227 63.9 32.2 96.6





#95

Naphthalene

Concen: 53.170 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX045899.D

Acq: 23 Apr 2025 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 249249

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

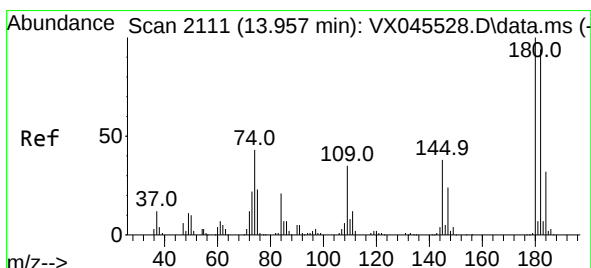
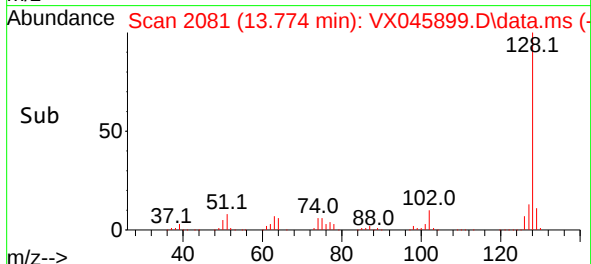
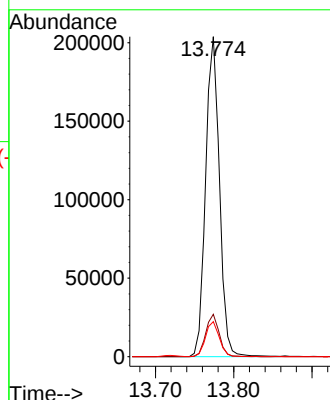
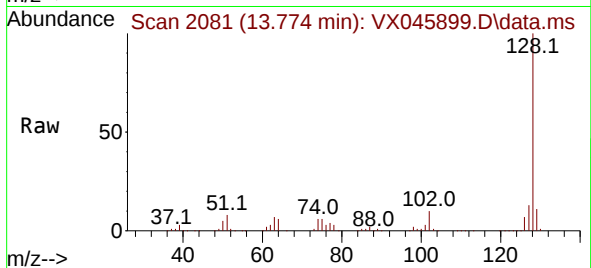
129 11.0 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#96

1,2,3-Trichlorobenzene

Concen: 54.720 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX045899.D

Acq: 23 Apr 2025 08:56

Tgt Ion:180 Resp: 72179

Ion Ratio Lower Upper

180 100

182 93.1 47.3 141.8

145 36.4 18.2 54.6

