

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
 Data File : VX046869.D
 Acq On : 03 Jul 2025 08:19
 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 07/07/2025
 Supervised By : Mahesh Dadoda 07/07/2025

Quant Time: Jul 04 01:22:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	416385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	663948	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	582621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	287854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	268159	48.749	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.500%		
35) Dibromofluoromethane	5.391	113	233072	51.715	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.420%		
50) Toluene-d8	8.647	98	790622	49.721	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.440%		
62) 4-Bromofluorobenzene	11.079	95	297077	49.157	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	223770	56.194	ug/l	98
3) Chloromethane	1.307	50	232406	53.418	ug/l	97
4) Vinyl Chloride	1.386	62	251664	53.117	ug/l	97
5) Bromomethane	1.624	94	161842	53.164	ug/l	98
6) Chloroethane	1.703	64	156188	49.924	ug/l	98
7) Trichlorofluoromethane	1.904	101	386398	52.745	ug/l	98
8) Diethyl Ether	2.142	74	134606	51.632	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	244471	52.371	ug/l	99
10) Methyl Iodide	2.465	142	268151	52.727	ug/l	99
11) Tert butyl alcohol	2.947	59	80926	224.312	ug/l	100
12) 1,1-Dichloroethene	2.337	96	230895	51.138	ug/l	97
13) Acrolein	2.246	56	107635	269.765	ug/l	100
14) Allyl chloride	2.678	41	407774	50.727	ug/l	99
15) Acrylonitrile	3.069	53	506424	242.788	ug/l	99
16) Acetone	2.380	43	438299	256.513	ug/l	97
17) Carbon Disulfide	2.526	76	594052	50.169	ug/l	99
18) Methyl Acetate	2.709	43	224225	49.787	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	643059	50.434	ug/l	98
20) Methylene Chloride	2.800	84	255314	50.531	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	235323	50.934	ug/l	98
22) Diisopropyl ether	3.764	45	800256	51.529	ug/l	97
23) Vinyl Acetate	3.727	43	2938553	252.563	ug/l	100
24) 1,1-Dichloroethane	3.617	63	443818	50.109	ug/l	98
25) 2-Butanone	4.556	43	531674	233.222	ug/l	99
26) 2,2-Dichloropropane	4.483	77	328171	49.785	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	279872	49.615	ug/l	99
28) Bromochloromethane	4.904	49	216349	49.494	ug/l	99
29) Tetrahydrofuran	5.007	42	338924	233.223	ug/l	99
30) Chloroform	5.099	83	438996	48.515	ug/l	99
31) Cyclohexane	5.477	56	382912	48.698	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	370625	49.025	ug/l	99
36) 1,1-Dichloropropene	5.696	75	298025	49.011	ug/l	99
37) Ethyl Acetate	4.715	43	228731	44.164	ug/l	99
38) Carbon Tetrachloride	5.684	117	322149	50.111	ug/l	99
39) Methylcyclohexane	7.379	83	377242	49.595	ug/l	98
40) Benzene	6.044	78	911859	49.578	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	146617	53.069	ug/l	97
42) 1,2-Dichloroethane	6.092	62	307803	49.285	ug/l	99
43) Isopropyl Acetate	6.336	43	391699	49.377	ug/l	99
44) Trichloroethene	7.123	130	232324	48.525	ug/l	100
45) 1,2-Dichloropropane	7.428	63	227723	49.006	ug/l	97
46) Dibromomethane	7.580	93	154969	48.133	ug/l	98
47) Bromodichloromethane	7.818	83	338904	49.297	ug/l	97
48) Methyl methacrylate	7.690	41	203191	49.606	ug/l	99
49) 1,4-Dioxane	7.659	88	46162	972.626	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	1101047	235.179	ug/l	100
52) Toluene	8.714	92	558370	48.992	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	305488	49.792	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	351836	50.240	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	204472	48.166	ug/l	98
56) Ethyl methacrylate	9.110	69	287813	48.984	ug/l	99
57) 1,3-Dichloropropane	9.305	76	351147	48.038	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	861768	260.305	ug/l	100
59) 2-Hexanone	9.427	43	744805	239.843	ug/l	99
60) Dibromochloromethane	9.519	129	248143	48.844	ug/l	98
61) 1,2-Dibromoethane	9.604	107	205122	48.112	ug/l	100
64) Tetrachloroethene	9.269	164	188971	48.715	ug/l	93
65) Chlorobenzene	10.073	112	609150	48.359	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	210490	49.708	ug/l	100
67) Ethyl Benzene	10.189	91	1069097	49.560	ug/l	100
68) m/p-Xylenes	10.299	106	804090	98.920	ug/l	100
69) o-Xylene	10.640	106	387802	49.389	ug/l	98
70) Styrene	10.653	104	668591	49.769	ug/l	99
71) Bromoform	10.793	173	153922	48.887	ug/l #	100
73) Isopropylbenzene	10.957	105	1024195	50.614	ug/l	100
74) N-amyl acetate	10.842	43	335560	48.800	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	259488	46.635	ug/l	100
76) 1,2,3-Trichloropropane	11.232	75	216945m	48.776	ug/l	
77) Bromobenzene	11.195	156	247421	49.088	ug/l	99
78) n-propylbenzene	11.299	91	1212749	49.703	ug/l	100
79) 2-Chlorotoluene	11.360	91	700526	48.623	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	825975	50.235	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.012	75	79854	48.179	ug/l #	95
82) 4-Chlorotoluene	11.451	91	824470	49.590	ug/l	100
83) tert-Butylbenzene	11.713	119	855537	50.379	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	835526	50.275	ug/l	97
85) sec-Butylbenzene	11.884	105	1061754	49.589	ug/l	100
86) p-Isopropyltoluene	12.006	119	892126	49.756	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	460220	48.822	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	458294	46.714	ug/l	99
89) n-Butylbenzene	12.329	91	834911	49.557	ug/l	100
90) Hexachloroethane	12.536	117	157858	49.664	ug/l	100
91) 1,2-Dichlorobenzene	12.329	146	434008	47.511	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	44929	46.166	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	303352	48.882	ug/l	100
94) Hexachlorobutadiene	13.719	225	115868	49.508	ug/l	99
95) Naphthalene	13.774	128	814689	49.820	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	285145	48.629	ug/l	98

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ClientSampleId :
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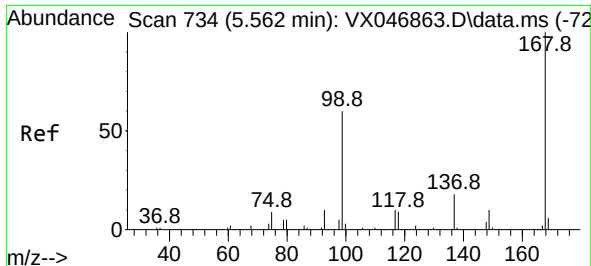
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

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Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

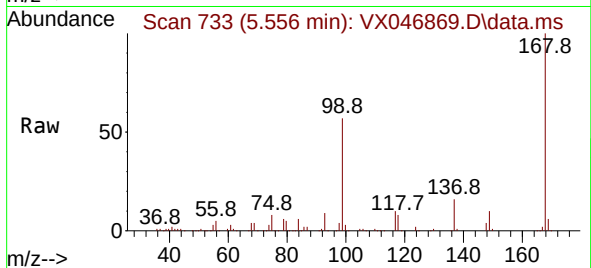
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
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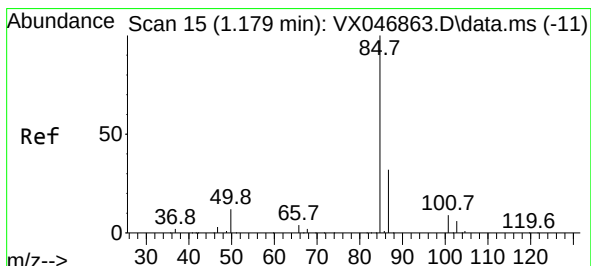
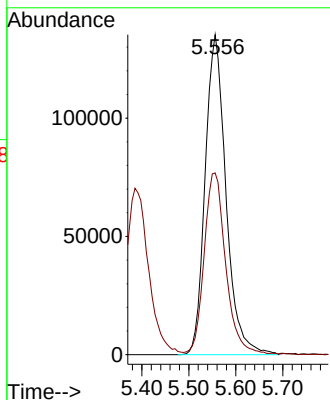
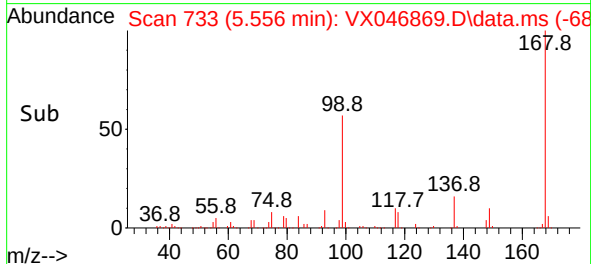
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 41638
Ion Ratio Lower Upper
168 100
99 56.5 48.8 73.2

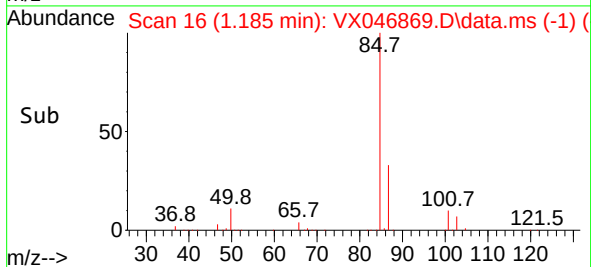
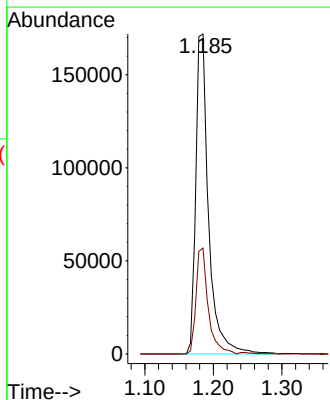
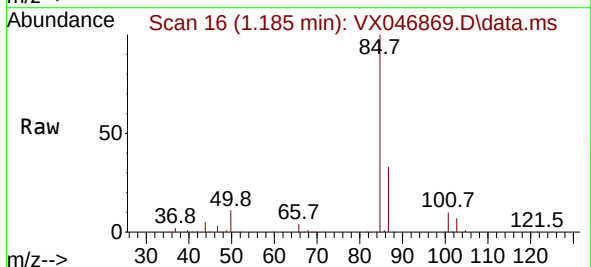
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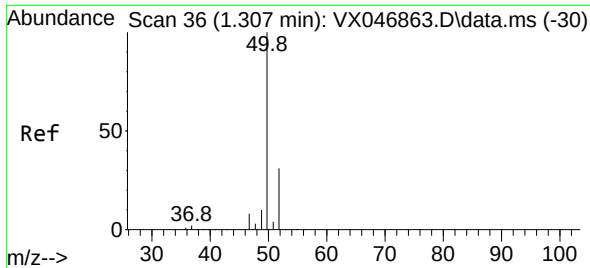
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#2
Dichlorodifluoromethane
Concen: 56.194 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.006 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

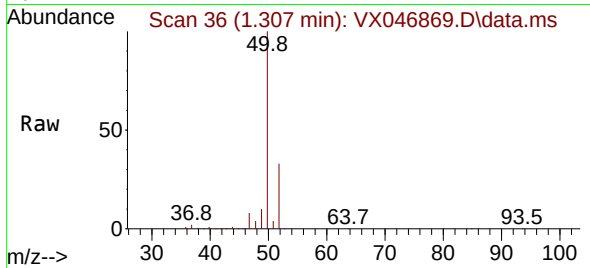
Tgt Ion: 85 Resp: 223770
Ion Ratio Lower Upper
85 100
87 33.1 16.0 47.9





#3
Chloromethane
Concen: 53.418 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

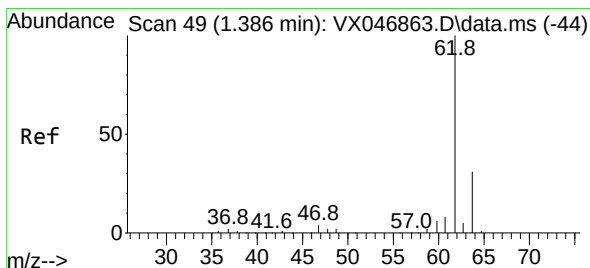
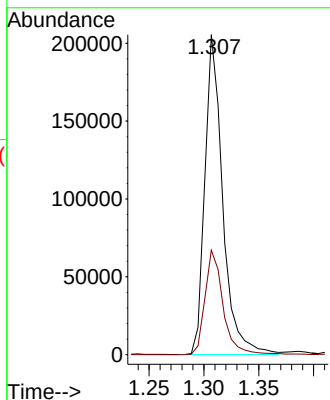
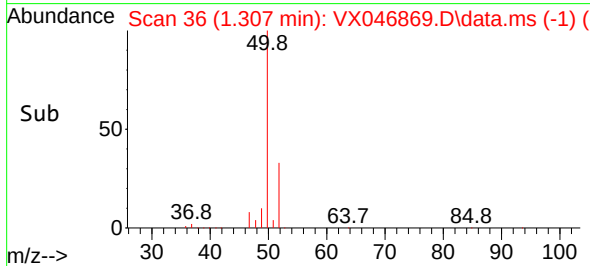
Instrument :
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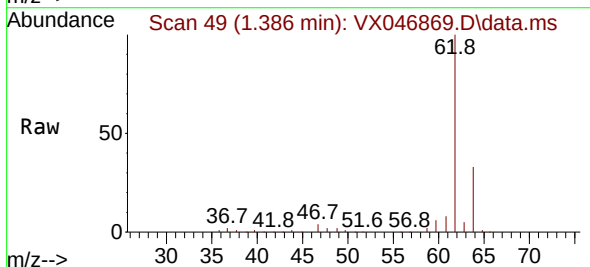
Tgt Ion: 50 Resp: 232400
Ion Ratio Lower Upper
50 100
52 32.7 25.0 37.4

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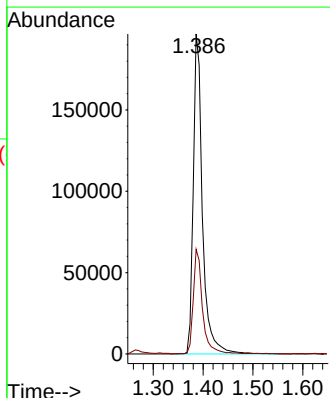
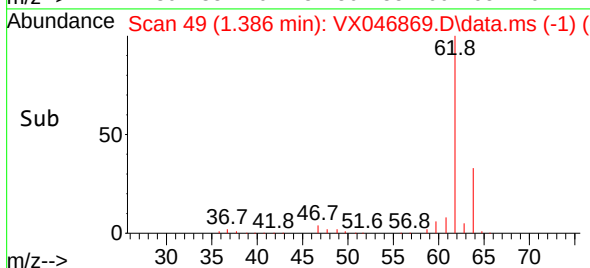
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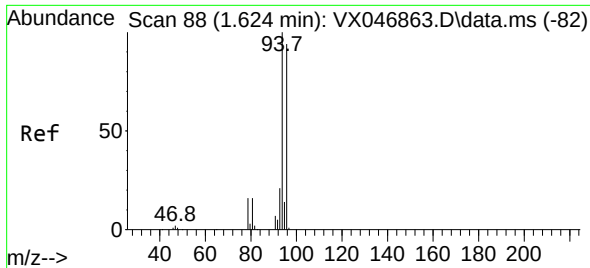


#4
Vinyl Chloride
Concen: 53.117 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19



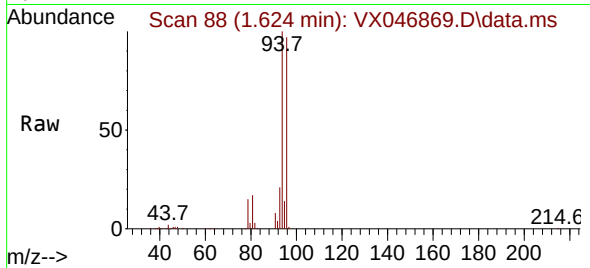
Tgt Ion: 62 Resp: 251664
Ion Ratio Lower Upper
62 100
64 32.6 25.0 37.4





#5
Bromomethane
Concen: 53.164 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

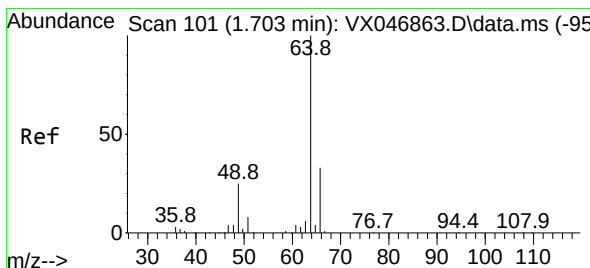
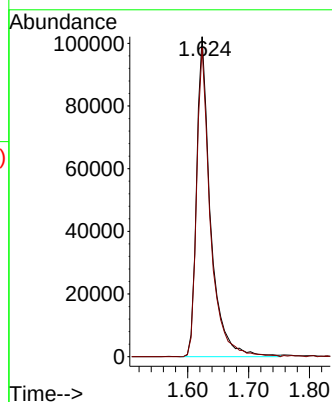
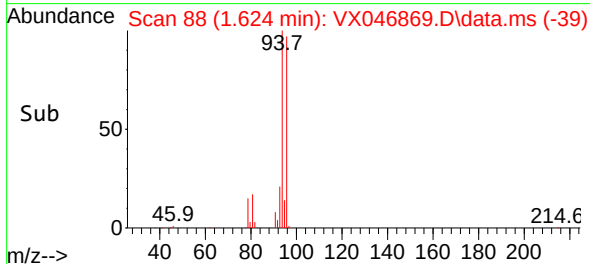
Instrument :
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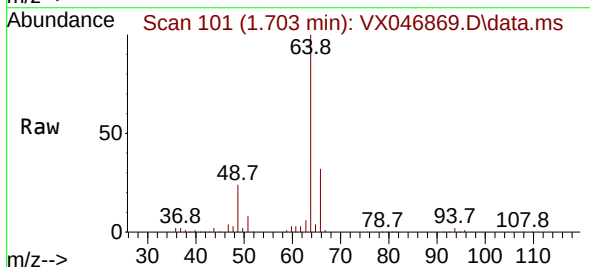
Tgt Ion: 94 Resp: 16184
Ion Ratio Lower Upper
94 100
96 96.5 75.5 113.3

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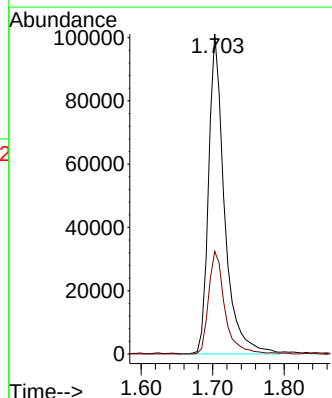
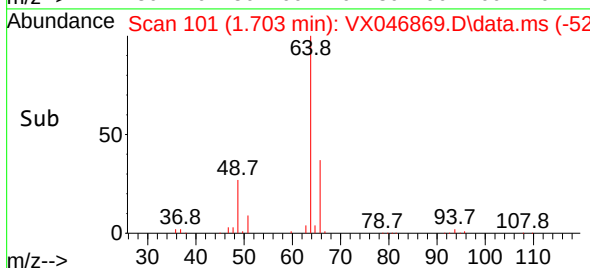
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

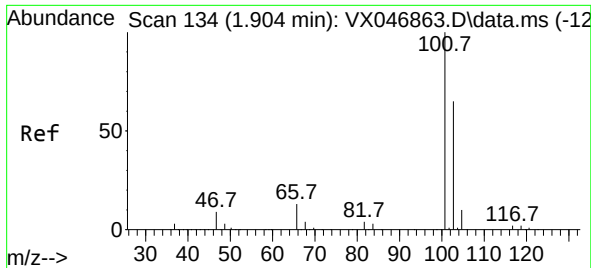


#6
Chloroethane
Concen: 49.924 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19



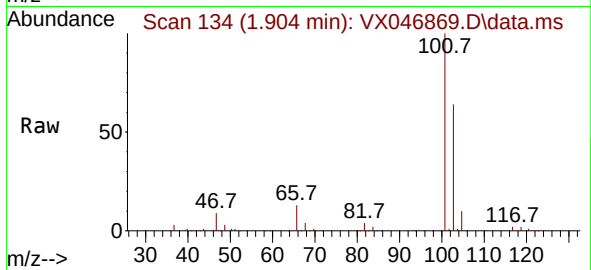
Tgt Ion: 64 Resp: 156188
Ion Ratio Lower Upper
64 100
66 32.0 26.4 39.6





#7
Trichlorofluoromethane
Concen: 52.745 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

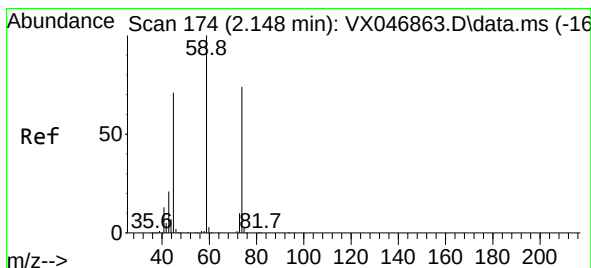
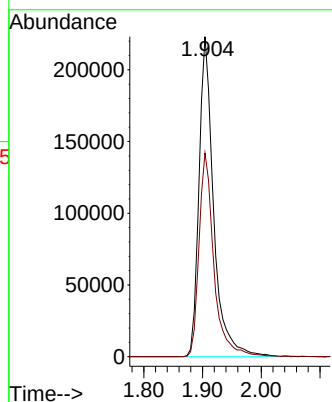
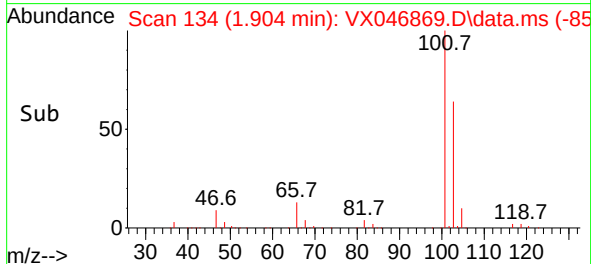
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 386398
Ion Ratio Lower Upper
101 100
103 63.7 51.9 77.9

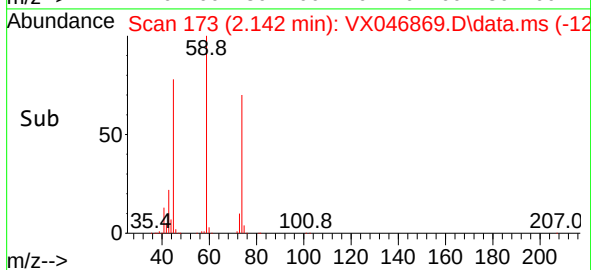
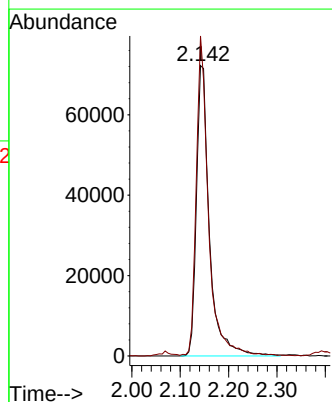
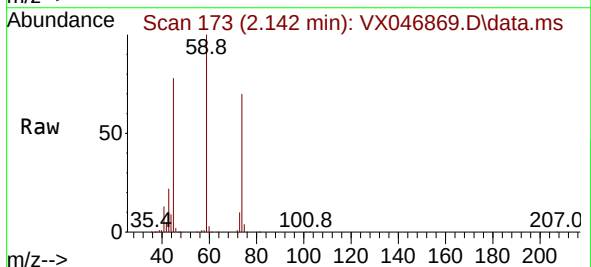
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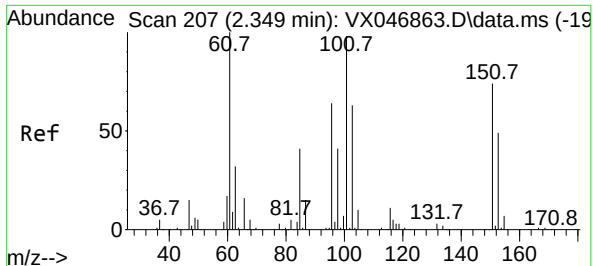
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#8
Diethyl Ether
Concen: 51.632 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.006 min
Lab File: VX046869.D
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Tgt Ion: 74 Resp: 134606
Ion Ratio Lower Upper
74 100
45 103.2 50.7 152.1





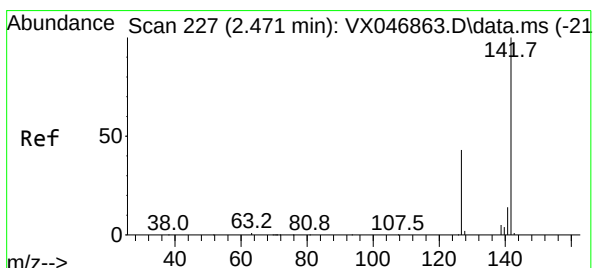
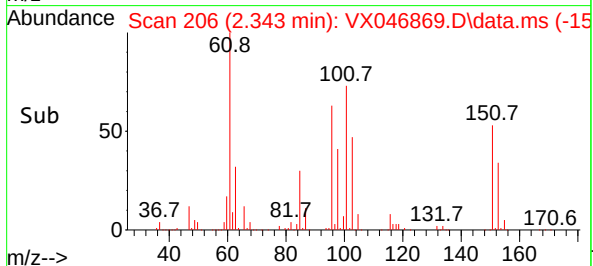
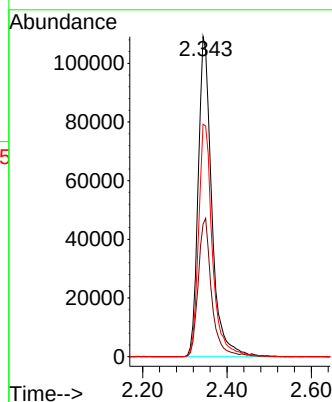
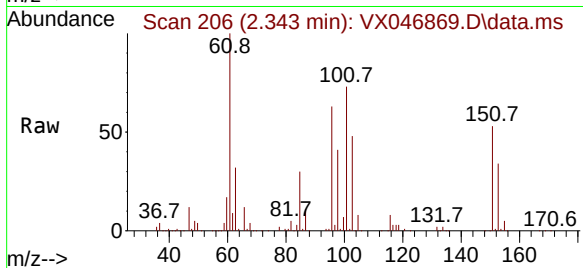
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.371 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 24447
Ion Ratio Lower Upper
101 100
85 42.8 34.3 51.5
151 74.1 59.9 89.9

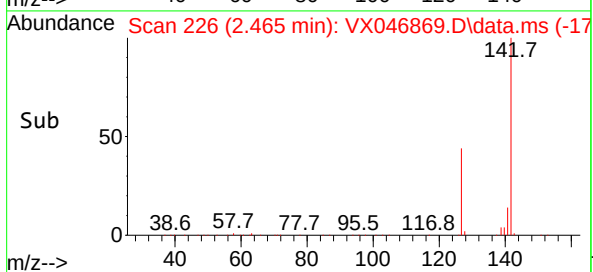
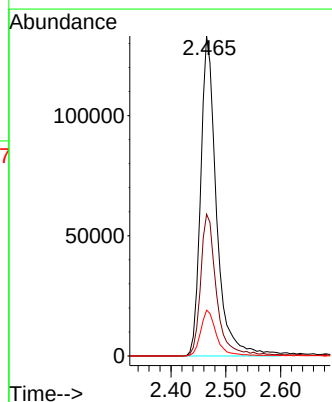
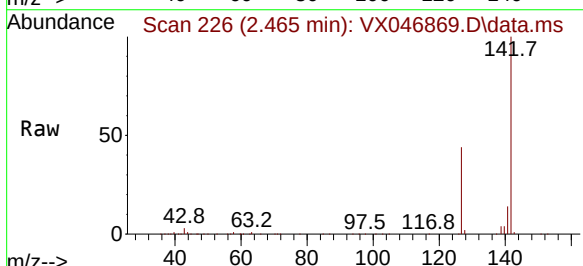
Manual Integrations
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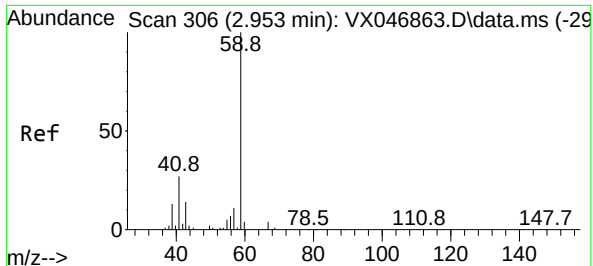
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#10
Methyl Iodide
Concen: 52.727 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

Tgt Ion:142 Resp: 268151
Ion Ratio Lower Upper
142 100
127 43.9 34.9 52.3
141 14.5 11.1 16.7





#11

Tert butyl alcohol

Concen: 224.312 ug/l

RT: 2.947 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX046869.D

Acq: 03 Jul 2025 08:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 80920

Ion Ratio Lower Upper

59 100

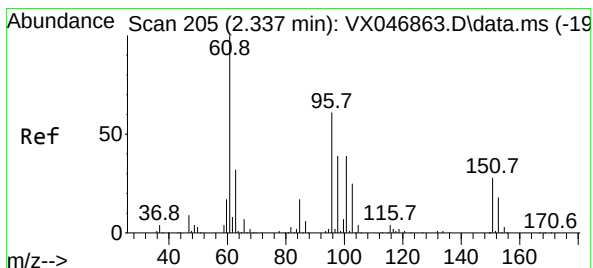
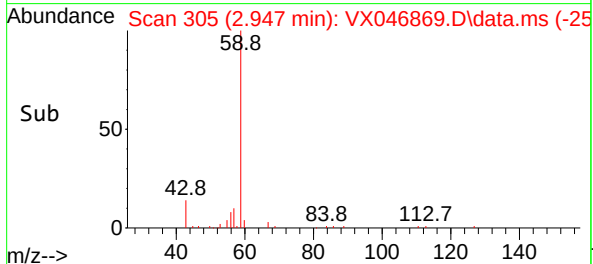
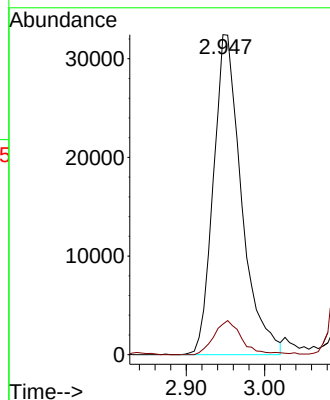
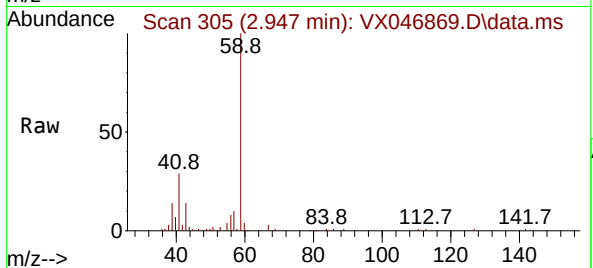
57 10.7 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#12

1,1-Dichloroethene

Concen: 51.138 ug/l

RT: 2.337 min Scan# 205

Delta R.T. 0.000 min

Lab File: VX046869.D

Acq: 03 Jul 2025 08:19

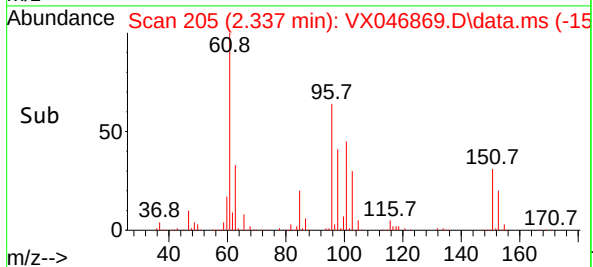
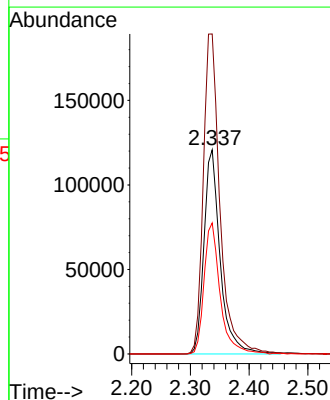
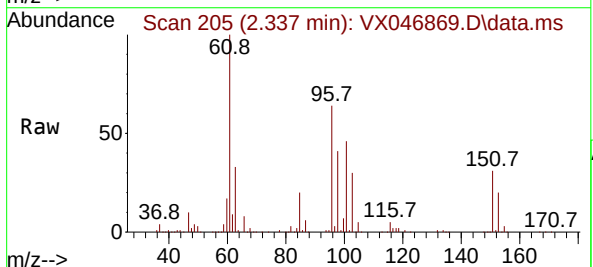
Tgt Ion: 96 Resp: 230895

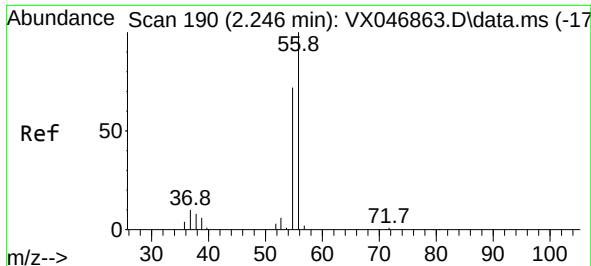
Ion Ratio Lower Upper

96 100

61 156.7 130.2 195.4

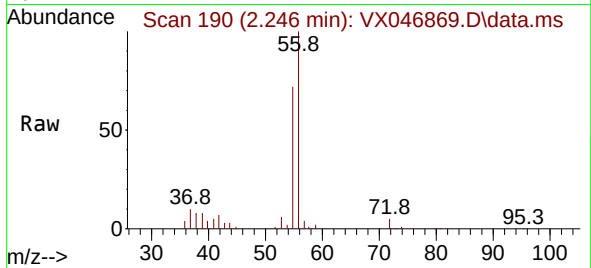
98 64.2 51.3 76.9





#13
Acrolein
Concen: 269.765 ug/l
RT: 2.246 min Scan# 190
Delta R.T. -0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

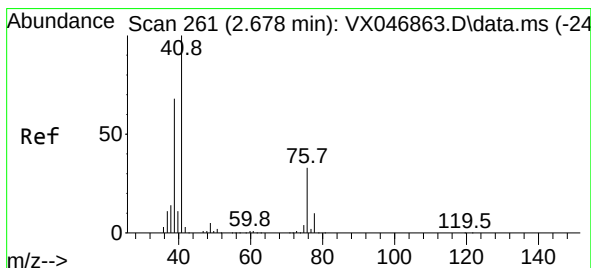
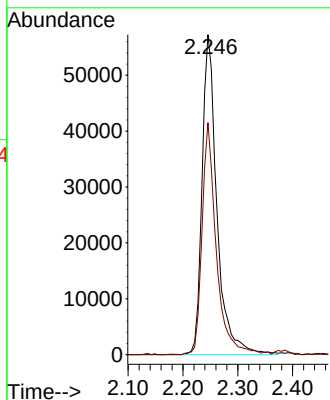
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 107639
Ion Ratio Lower Upper
56 100
55 69.6 55.5 83.3

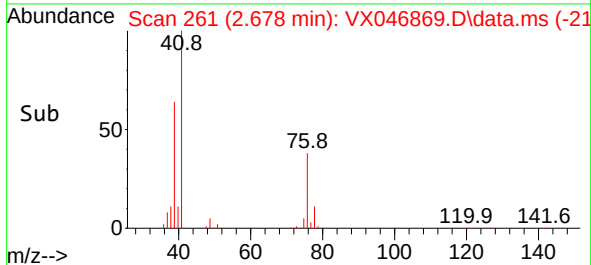
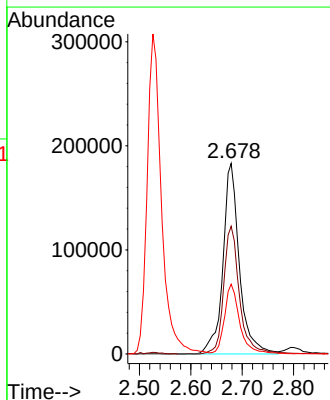
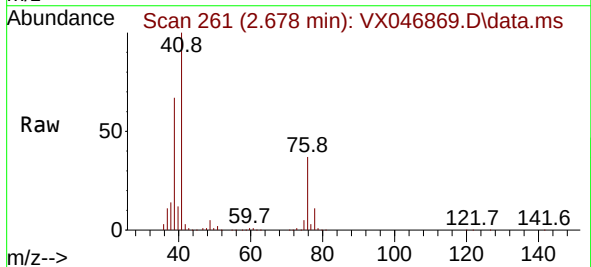
Manual Integrations
APPROVED

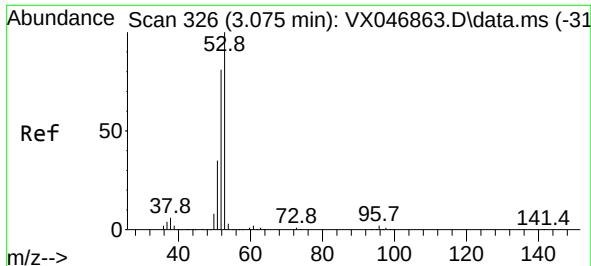
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#14
Allyl chloride
Concen: 50.727 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

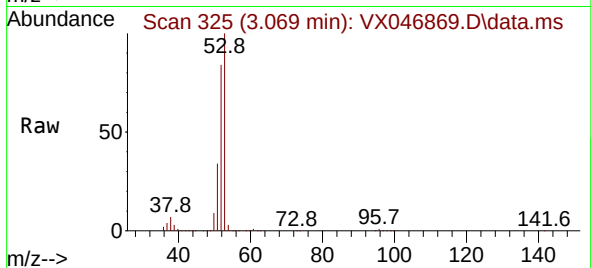
Tgt Ion: 41 Resp: 407774
Ion Ratio Lower Upper
41 100
39 64.3 52.0 78.0
76 33.5 26.2 39.2





#15
Acrylonitrile
Concen: 242.788 ug/l
RT: 3.069 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

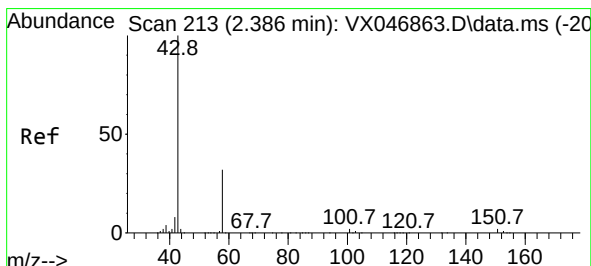
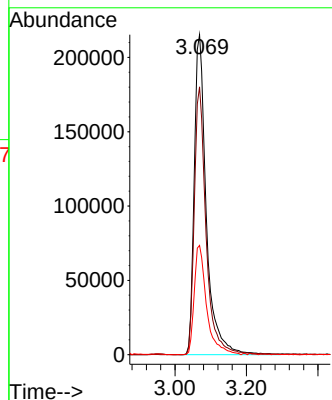
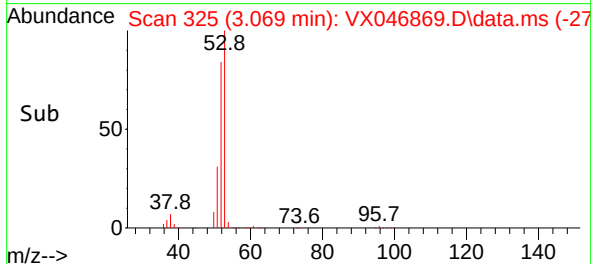
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 506424
Ion Ratio Lower Upper
53 100
52 81.6 66.0 99.0
51 35.1 28.6 43.0

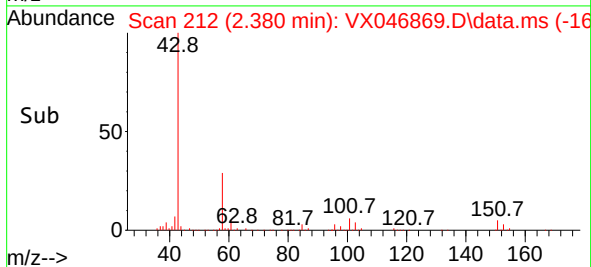
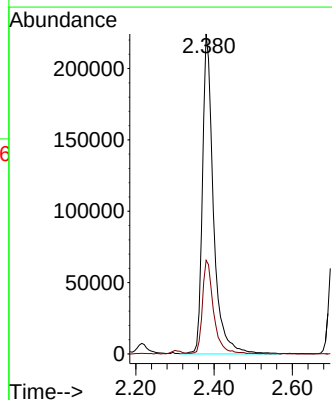
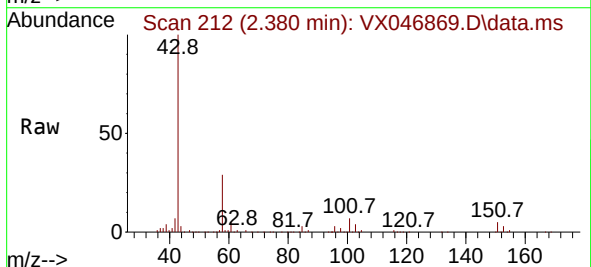
Manual Integrations
APPROVED

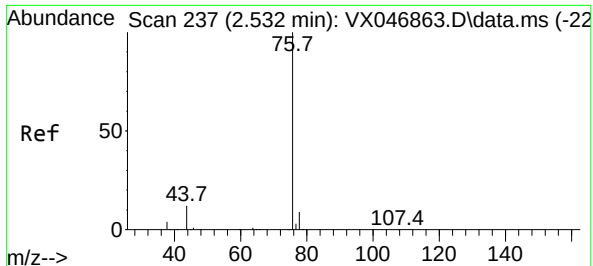
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#16
Acetone
Concen: 256.513 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

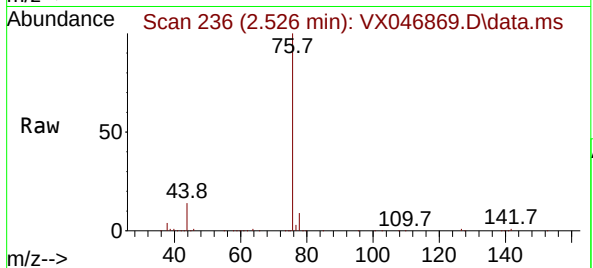
Tgt Ion: 43 Resp: 438299
Ion Ratio Lower Upper
43 100
58 30.6 25.8 38.6





#17
Carbon Disulfide
Concen: 50.169 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

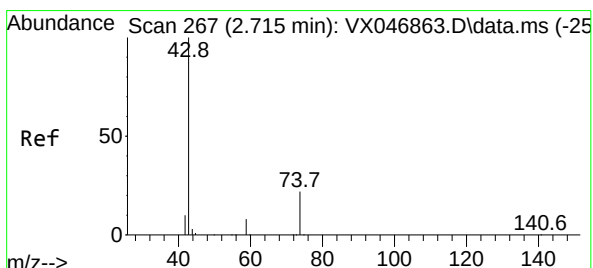
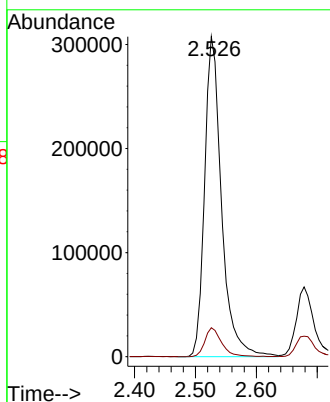
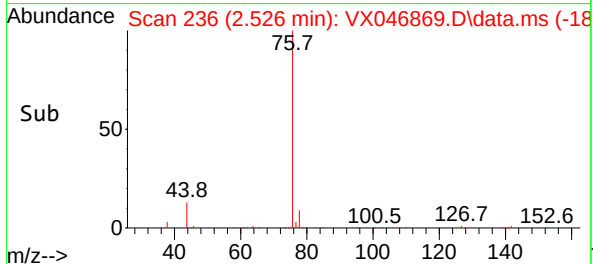
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 594052
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

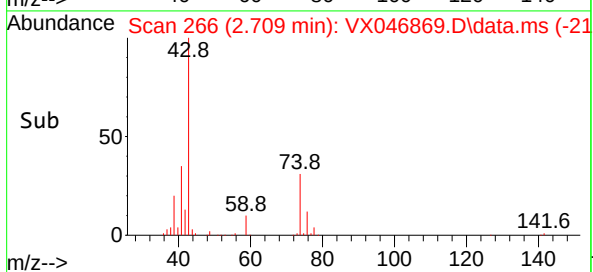
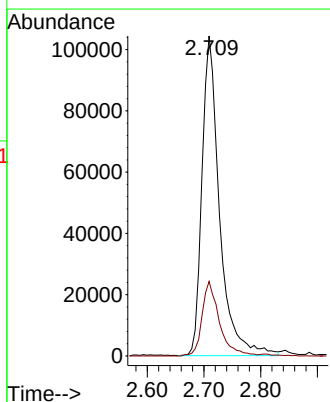
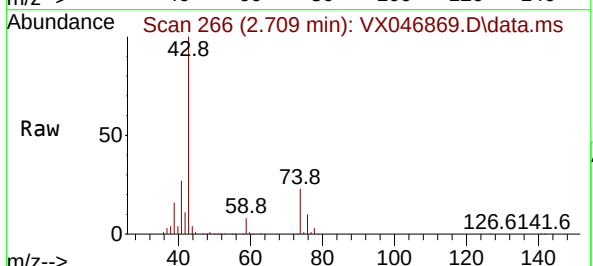
Manual Integrations
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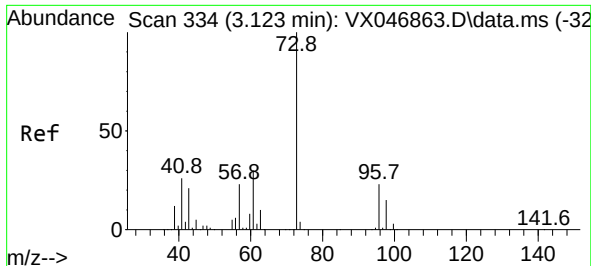
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#18
Methyl Acetate
Concen: 49.787 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

Tgt Ion: 43 Resp: 224225
Ion Ratio Lower Upper
43 100
74 22.9 18.3 27.5





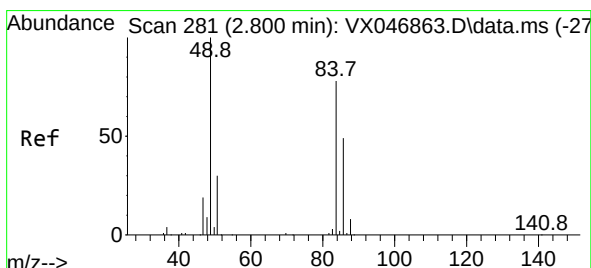
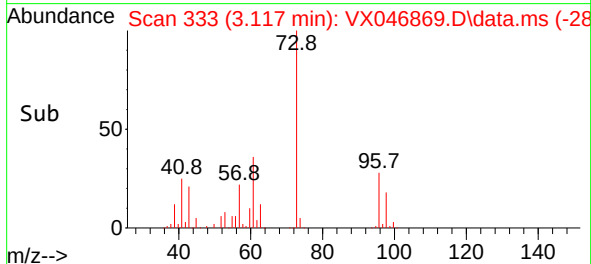
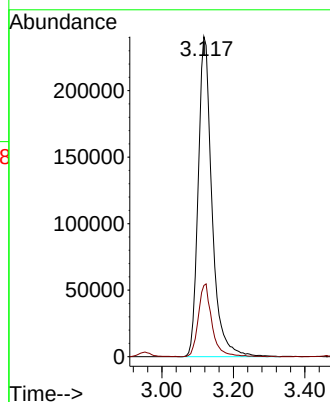
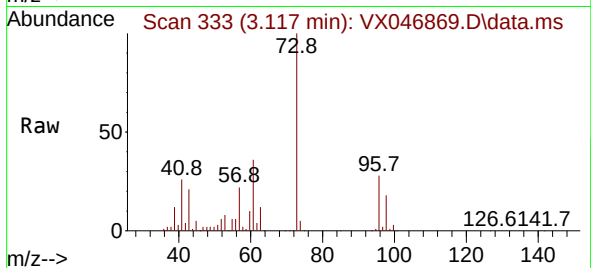
#19
Methyl tert-butyl Ether
Concen: 50.434 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 643059
Ion Ratio Lower Upper
73 100
57 22.3 18.6 28.0

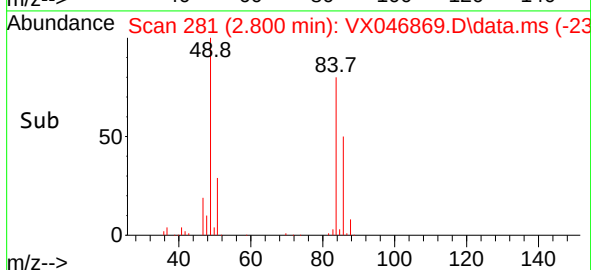
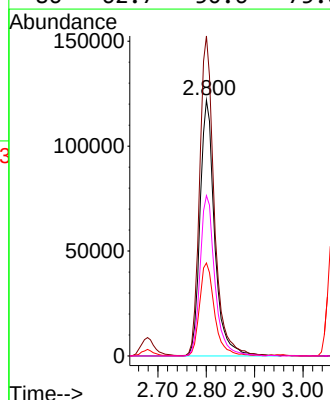
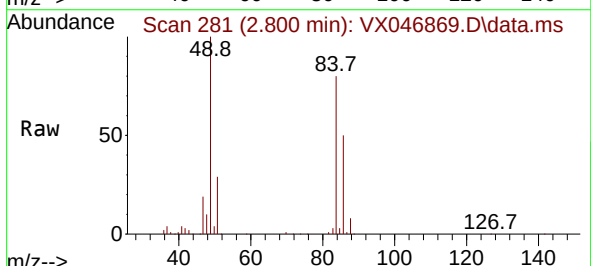
Manual Integrations
APPROVED

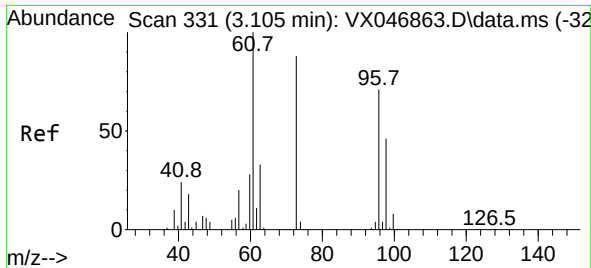
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#20
Methylene Chloride
Concen: 50.531 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

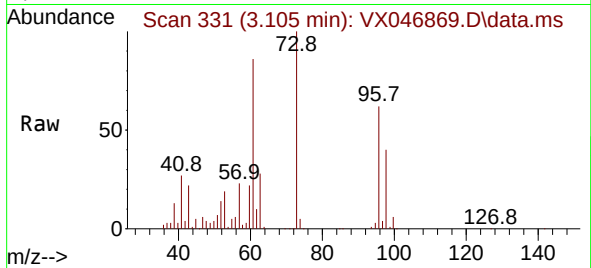
Tgt Ion: 84 Resp: 255314
Ion Ratio Lower Upper
84 100
49 124.9 102.8 154.2
51 36.3 31.1 46.7
86 62.7 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 50.934 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

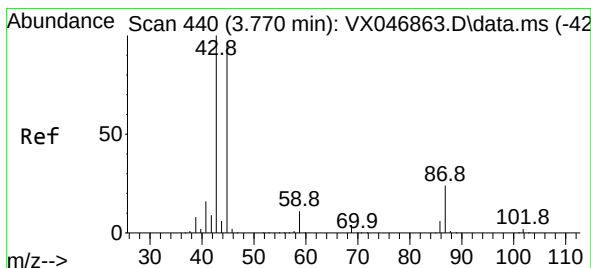
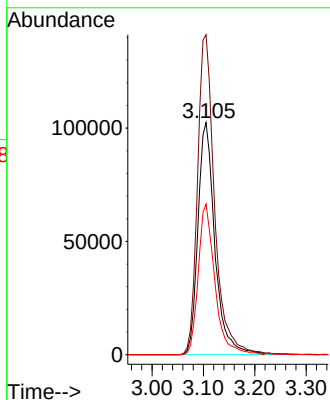
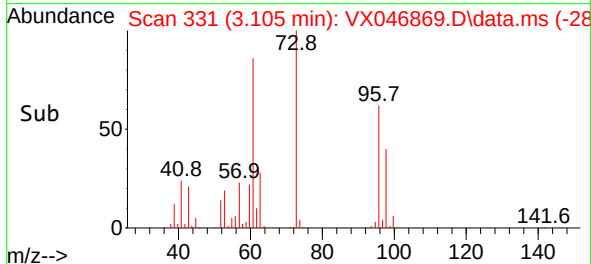
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 23532
Ion Ratio Lower Upper
96 100
61 137.8 113.4 170.2
98 64.9 51.8 77.6

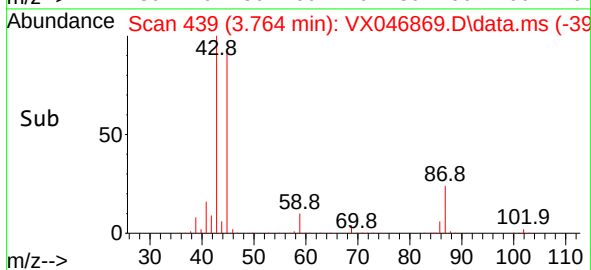
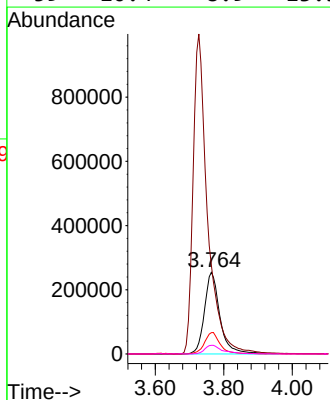
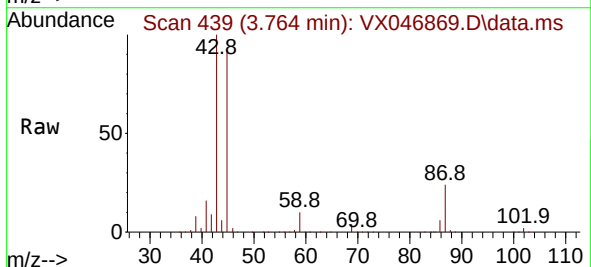
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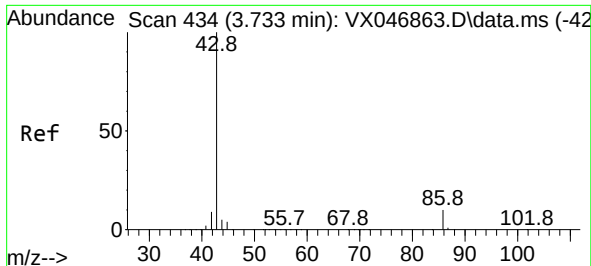
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#22
Diisopropyl ether
Concen: 51.529 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

Tgt Ion: 45 Resp: 800256
Ion Ratio Lower Upper
45 100
43 108.9 84.2 126.4
87 26.1 20.3 30.5
59 10.4 8.9 13.3





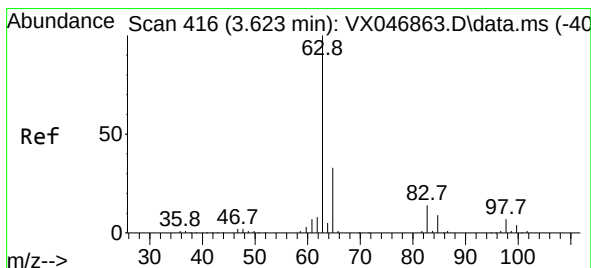
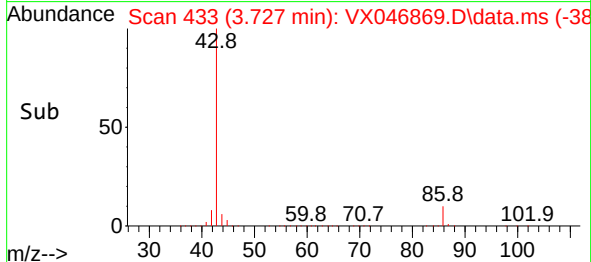
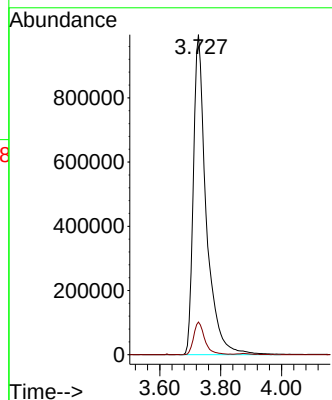
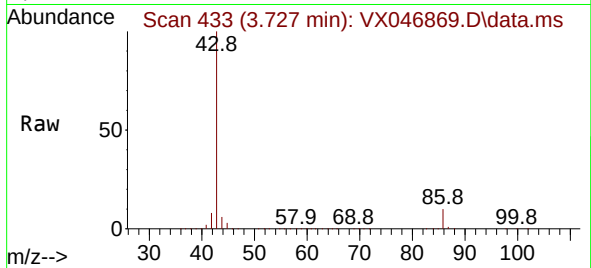
#23
 Vinyl Acetate
 Concen: 252.563 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX046869.D
 Acq: 03 Jul 2025 08:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 293855
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.2 12.4

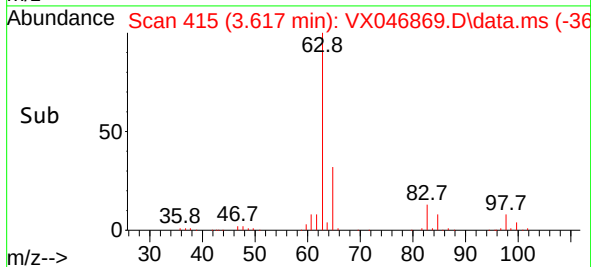
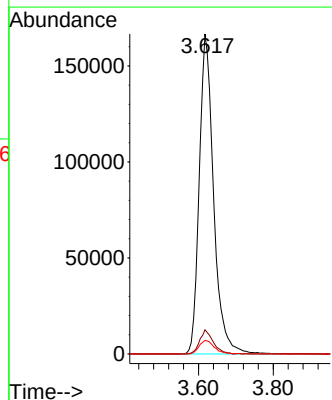
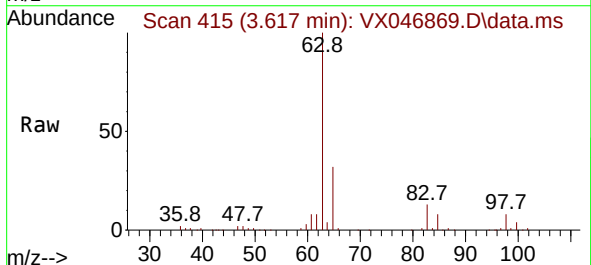
Manual Integrations
 APPROVED

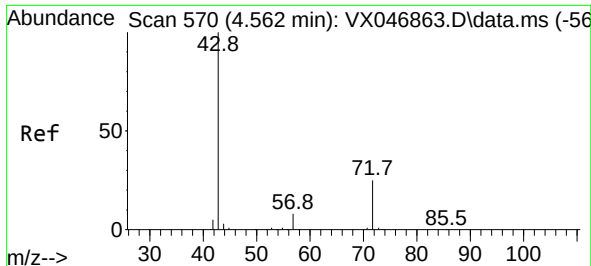
Reviewed By :John Carlone 07/07/2025
 Supervised By :Mahesh Dadoda 07/07/2025



#24
 1,1-Dichloroethane
 Concen: 50.109 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX046869.D
 Acq: 03 Jul 2025 08:19

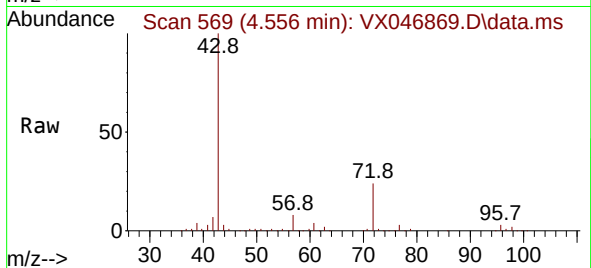
Tgt Ion: 63 Resp: 443818
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.6 10.9
 100 4.2 2.3 6.9





#25
2-Butanone
Concen: 233.222 ug/l
RT: 4.556 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

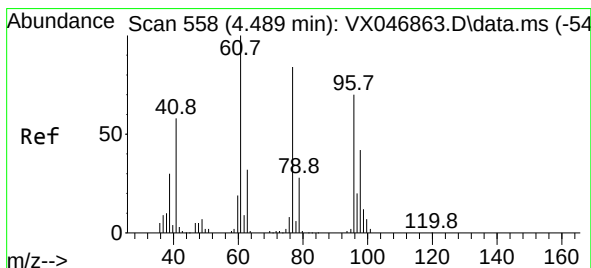
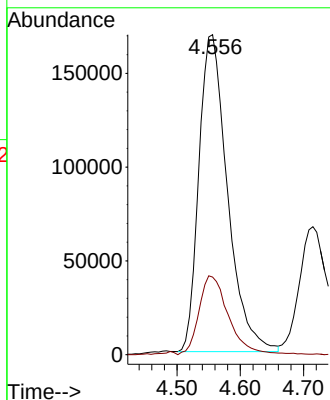
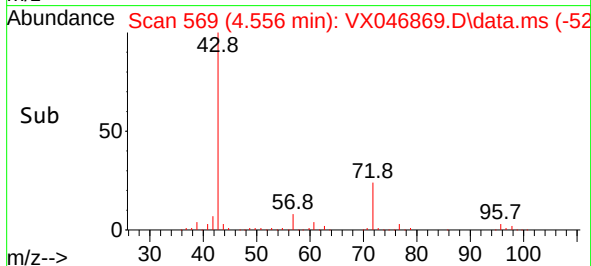
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 531674
Ion Ratio Lower Upper
43 100
72 24.6 20.0 30.0

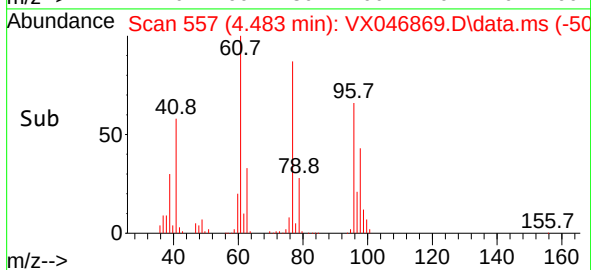
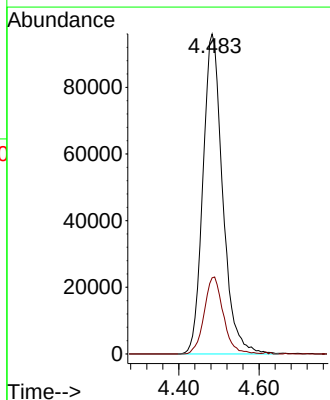
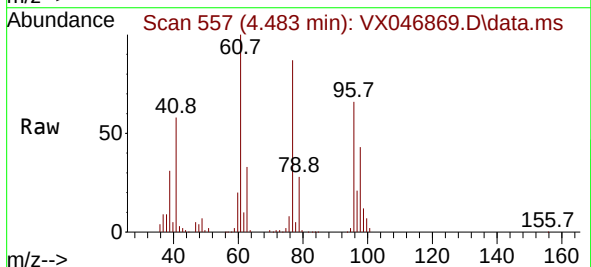
Manual Integrations
APPROVED

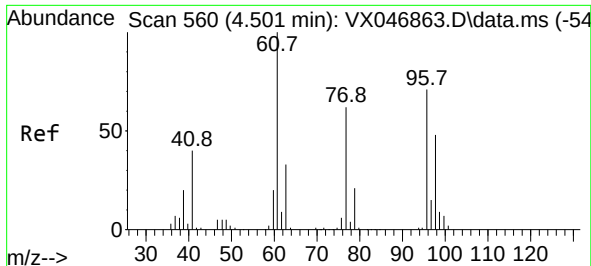
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#26
2,2-Dichloropropane
Concen: 49.785 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

Tgt Ion: 77 Resp: 328171
Ion Ratio Lower Upper
77 100
97 23.4 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 49.615 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX046869.D

Acq: 03 Jul 2025 08:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 279872

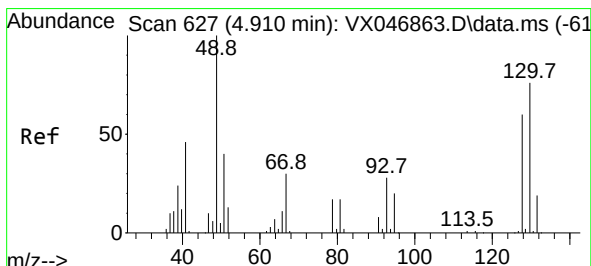
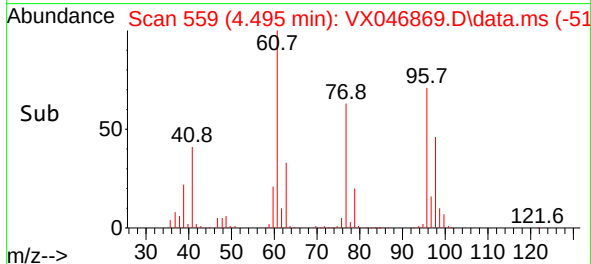
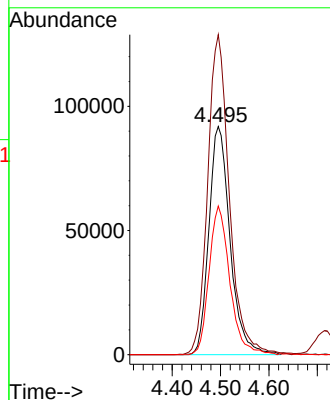
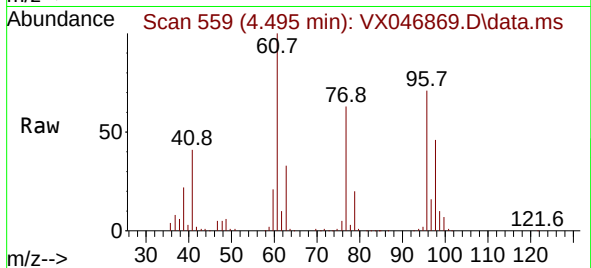
Ion	Ratio	Lower	Upper
96	100		
61	143.3	0.0	288.6
98	63.8	0.0	128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#28

Bromochloromethane

Concen: 49.494 ug/l

RT: 4.904 min Scan# 626

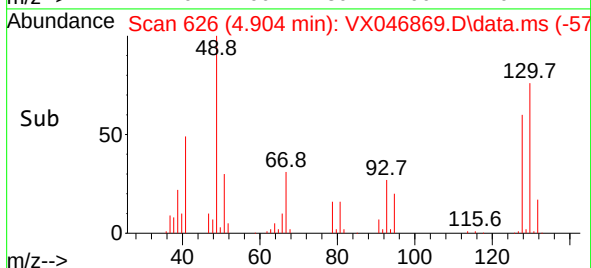
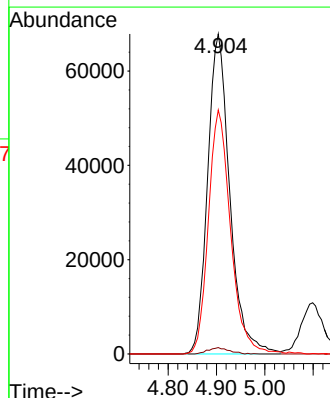
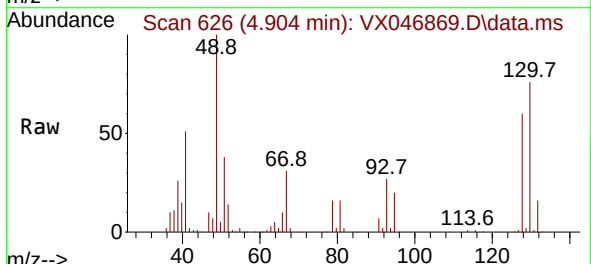
Delta R.T. -0.006 min

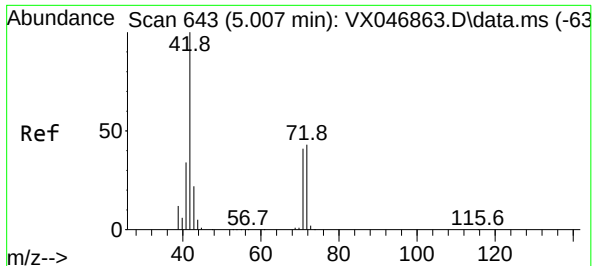
Lab File: VX046869.D

Acq: 03 Jul 2025 08:19

Tgt Ion: 49 Resp: 216349

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.2
130	76.2	61.7	92.5





#29

Tetrahydrofuran

Concen: 233.223 ug/l

RT: 5.007 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX046869.D

Acq: 03 Jul 2025 08:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 338924

Ion Ratio Lower Upper

42 100

72 43.3 35.1 52.7

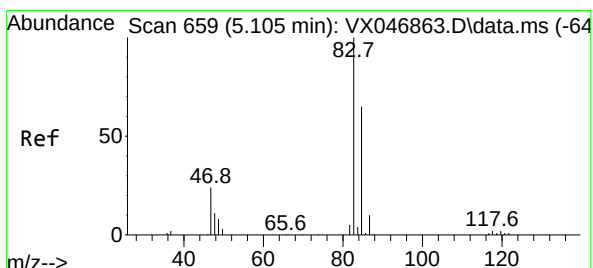
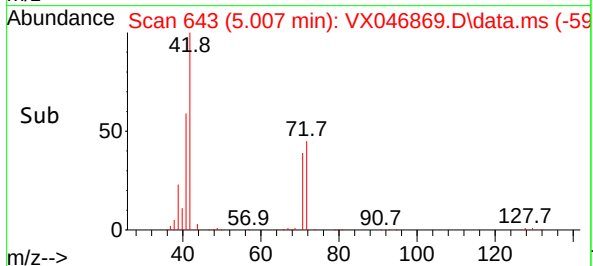
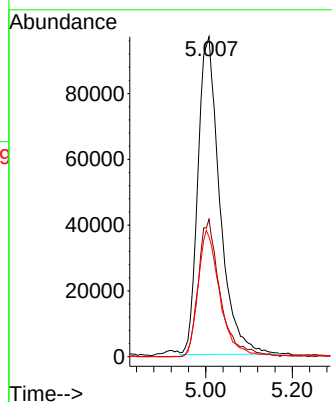
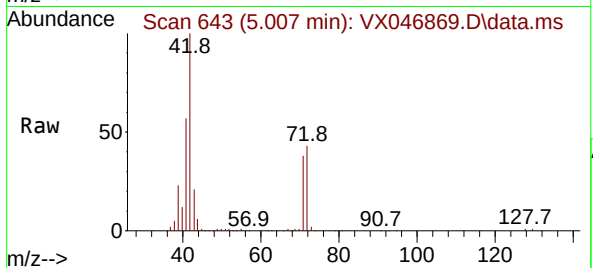
71 39.7 31.9 47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#30

Chloroform

Concen: 48.515 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX046869.D

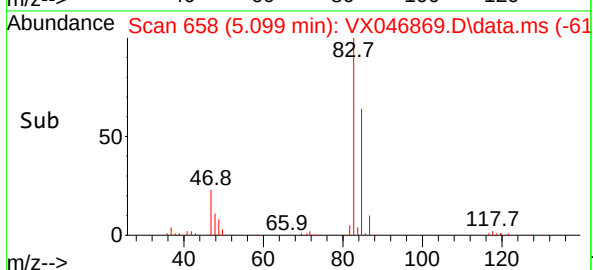
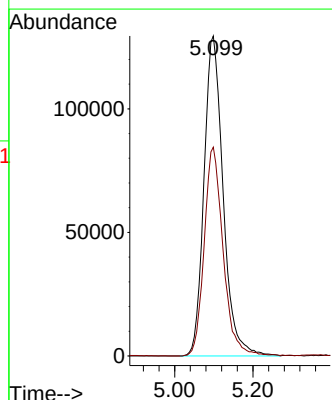
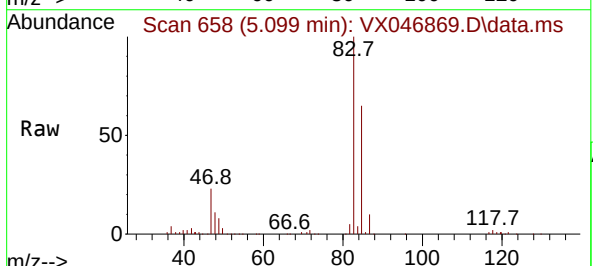
Acq: 03 Jul 2025 08:19

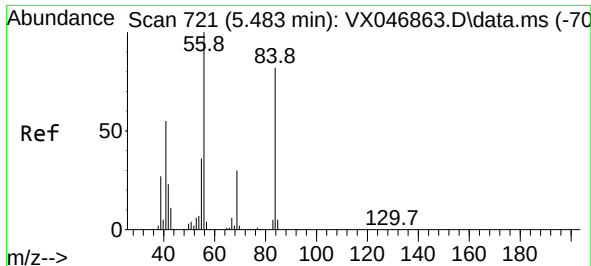
Tgt Ion: 83 Resp: 438996

Ion Ratio Lower Upper

83 100

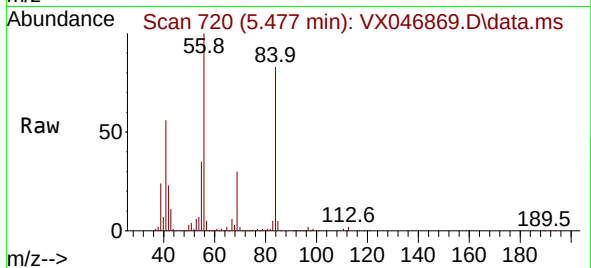
85 65.3 51.8 77.8





#31
Cyclohexane
Concen: 48.698 ug/l
RT: 5.477 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

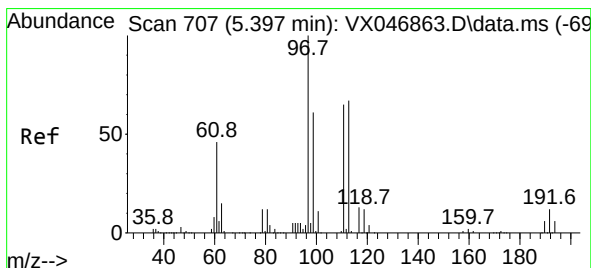
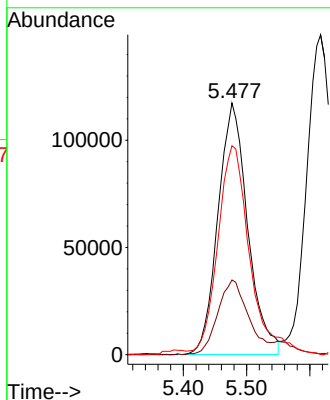
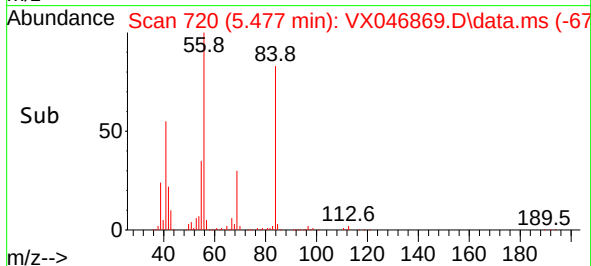
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



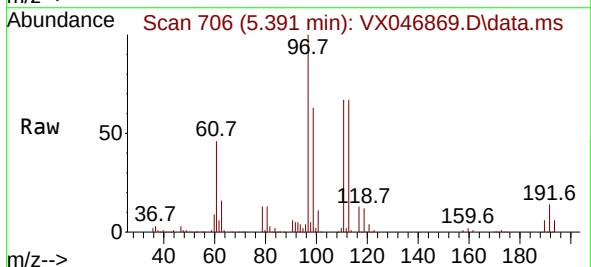
Tgt Ion: 56 Resp: 38291
Ion Ratio Lower Upper
56 100
69 29.3 24.0 36.0
84 81.3 66.5 99.7

Manual Integrations
APPROVED

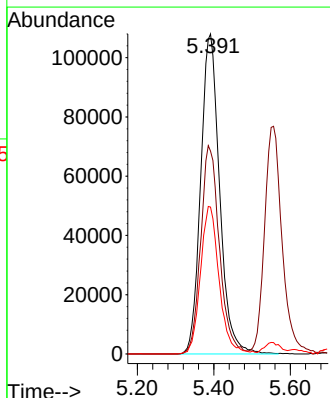
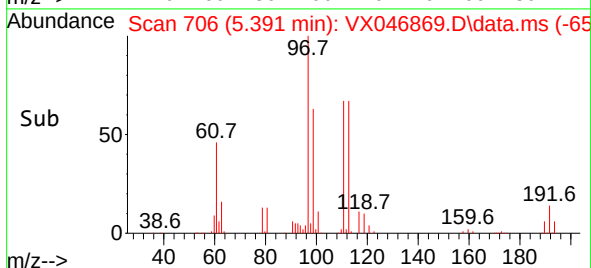
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

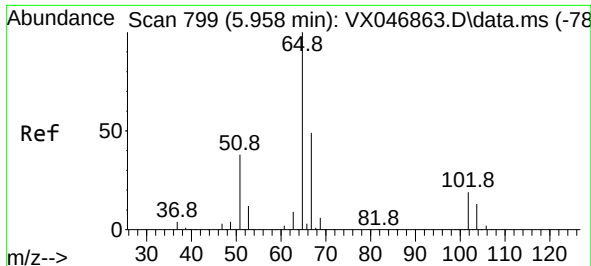


#32
1,1,1-Trichloroethane
Concen: 49.025 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19



Tgt Ion: 97 Resp: 370625
Ion Ratio Lower Upper
97 100
99 64.5 50.6 76.0
61 45.6 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 48.749 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX046869.D

Acq: 03 Jul 2025 08:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 26815

Ion Ratio Lower Upper

65 100

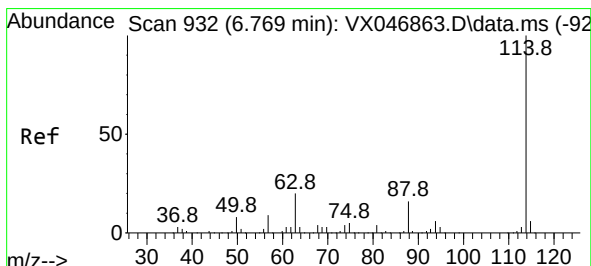
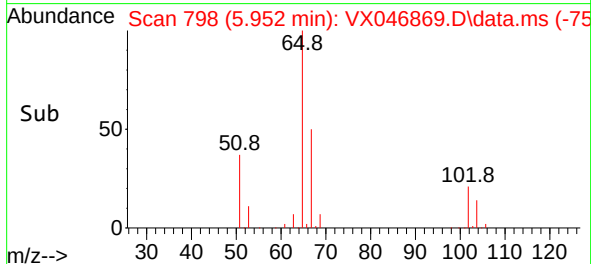
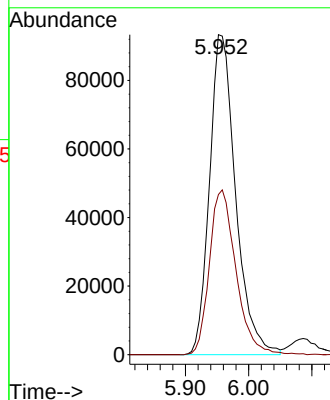
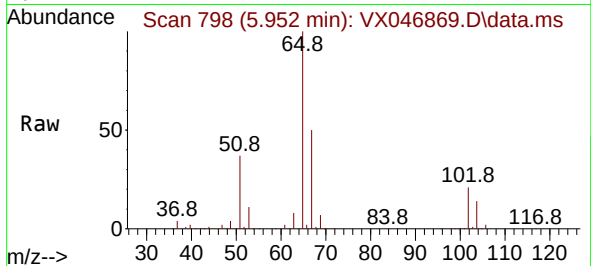
67 52.4 0.0 105.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX046869.D

Acq: 03 Jul 2025 08:19

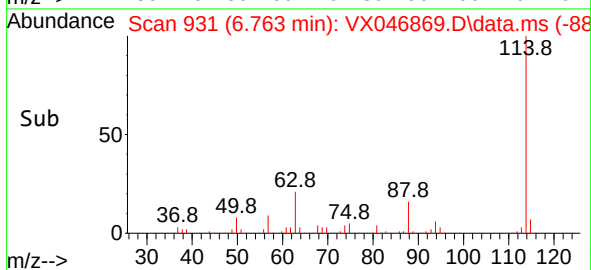
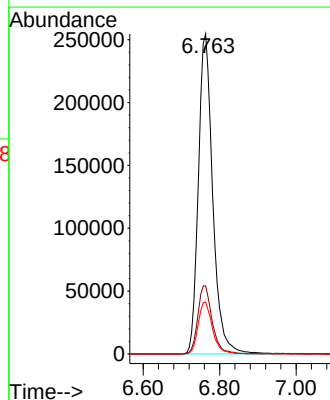
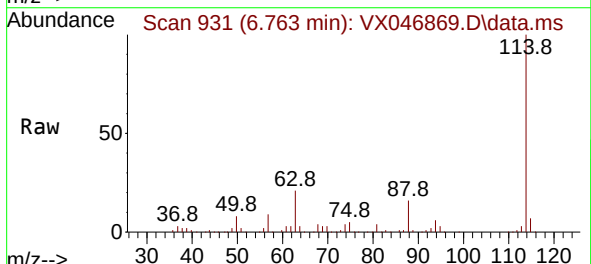
Tgt Ion:114 Resp: 663948

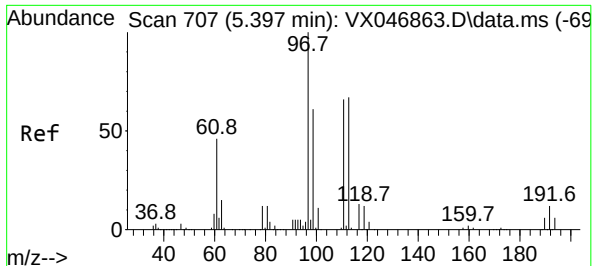
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.4

88 16.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 51.715 ug/l

RT: 5.391 min Scan# 707

Delta R.T. -0.006 min

Lab File: VX046869.D

Acq: 03 Jul 2025 08:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 233072

Ion Ratio Lower Upper

113 100

111 101.5 81.2 121.8

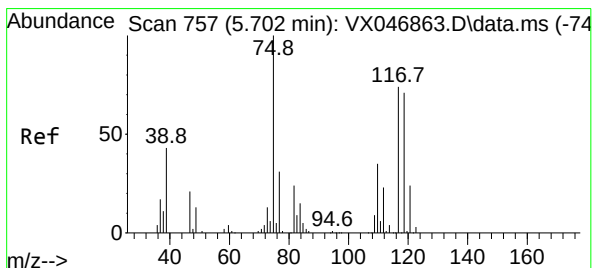
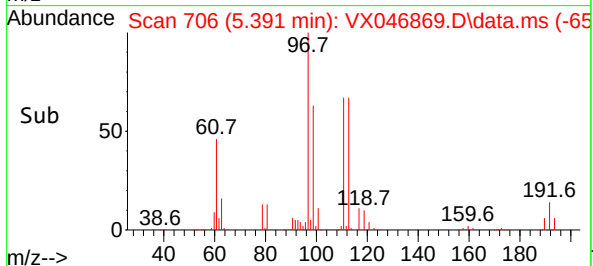
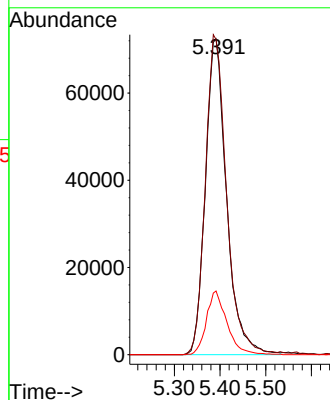
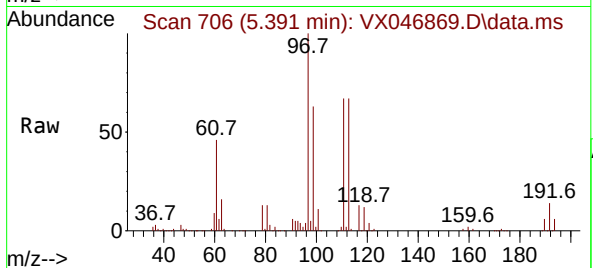
192 19.6 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#36

1,1-Dichloropropene

Concen: 49.011 ug/l

RT: 5.696 min Scan# 756

Delta R.T. -0.006 min

Lab File: VX046869.D

Acq: 03 Jul 2025 08:19

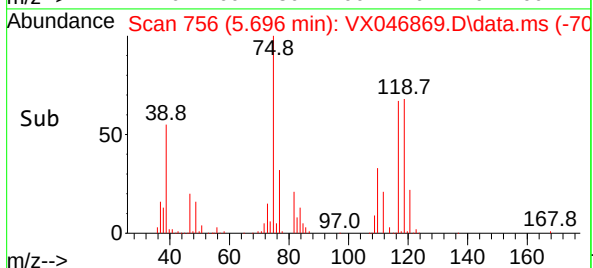
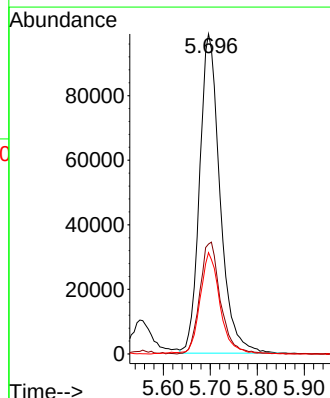
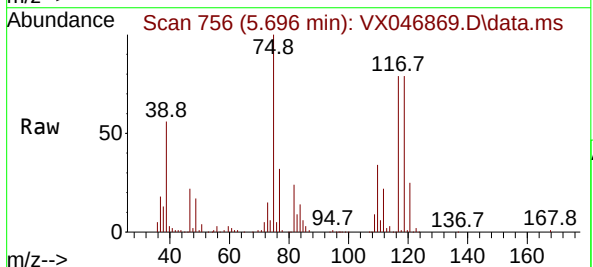
Tgt Ion: 75 Resp: 298025

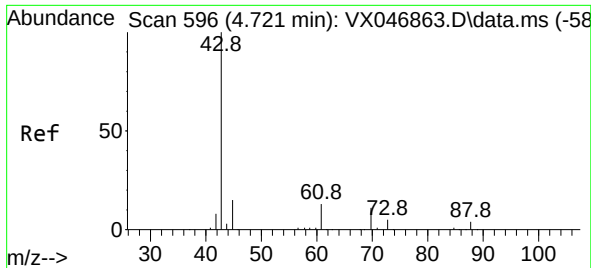
Ion Ratio Lower Upper

75 100

110 35.6 17.3 51.9

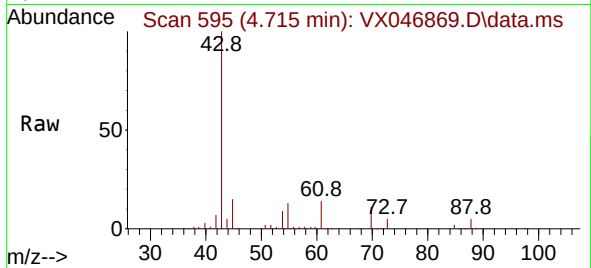
77 29.9 24.2 36.4





#37
Ethyl Acetate
Concen: 44.164 ug/l
RT: 4.715 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

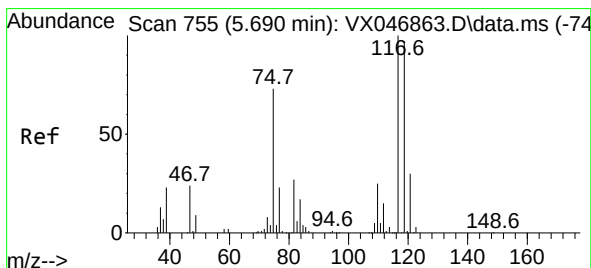
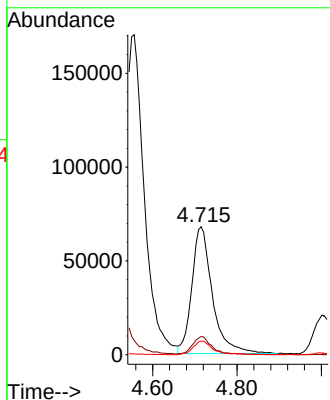
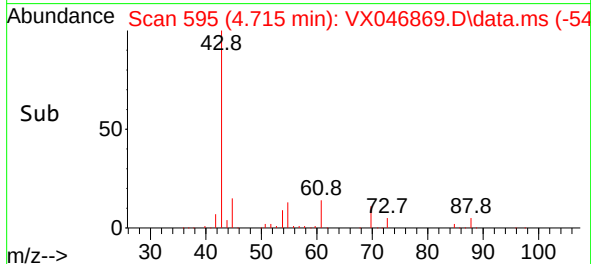
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 22873
Ion Ratio Lower Upper
43 100
61 12.8 9.7 14.5
70 10.4 8.3 12.5

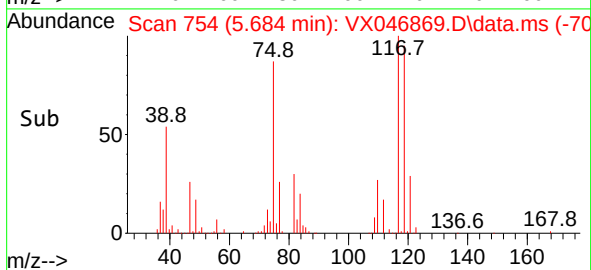
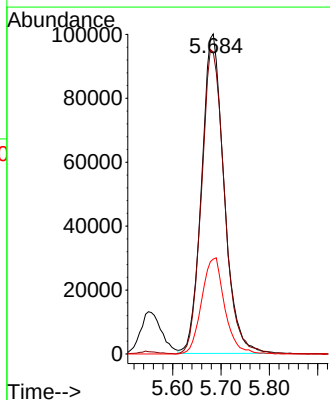
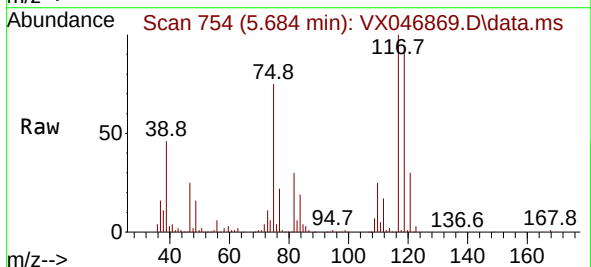
Manual Integrations
APPROVED

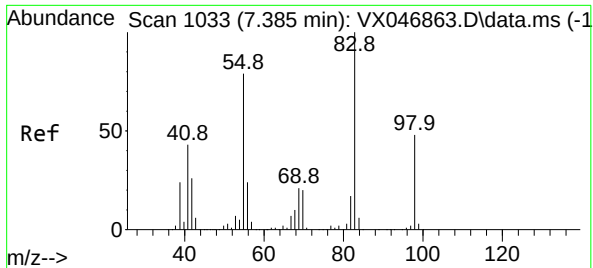
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#38
Carbon Tetrachloride
Concen: 50.111 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

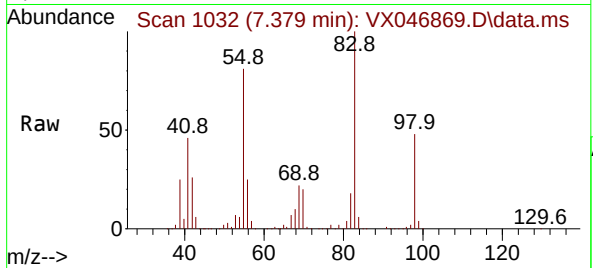
Tgt Ion:117 Resp: 322149
Ion Ratio Lower Upper
117 100
119 94.4 76.6 114.8
121 29.7 24.1 36.1





#39
Methylcyclohexane
Concen: 49.595 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

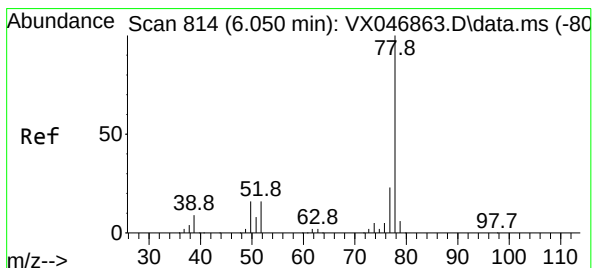
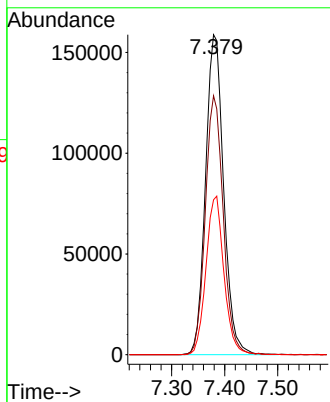
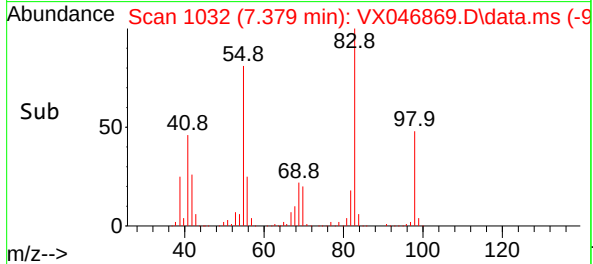
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 37724
Ion Ratio Lower Upper
83 100
55 80.9 63.0 94.4
98 48.4 38.5 57.7

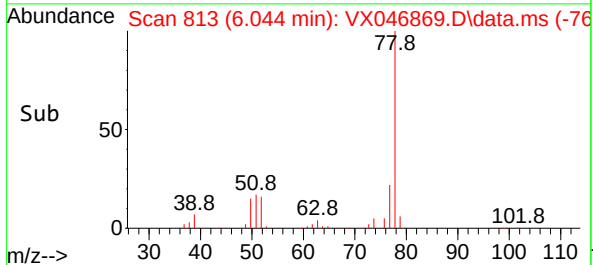
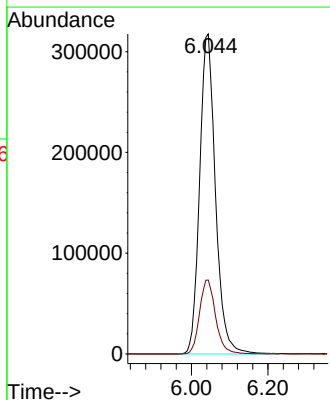
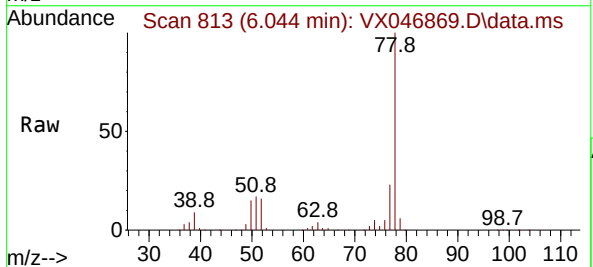
Manual Integrations
APPROVED

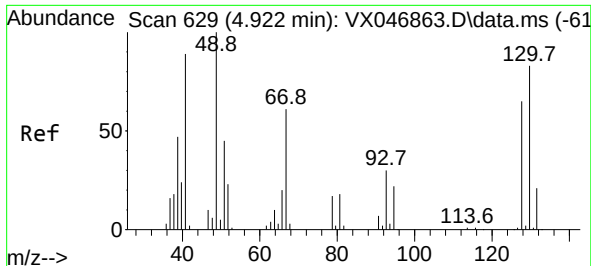
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#40
Benzene
Concen: 49.578 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

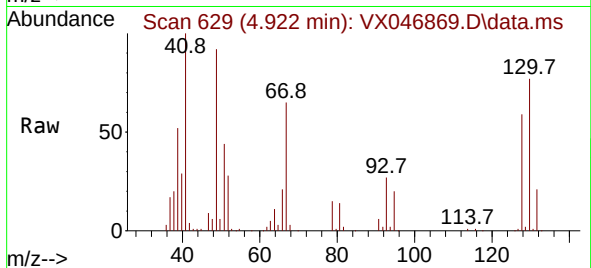
Tgt Ion: 78 Resp: 911859
Ion Ratio Lower Upper
78 100
77 23.1 18.7 28.1





#41
Methacrylonitrile
Concen: 53.069 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

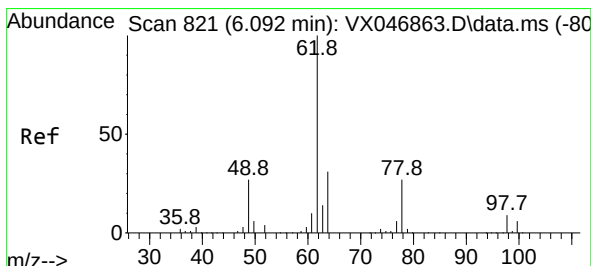
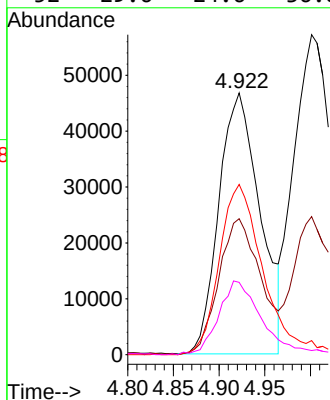
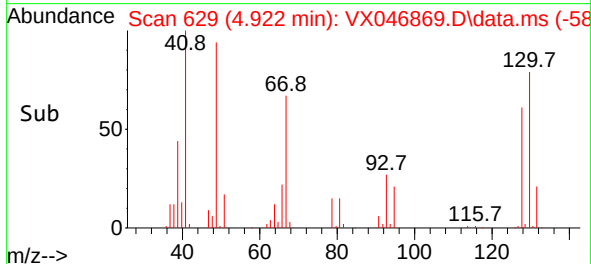
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 14661
Ion Ratio Lower Upper
41 100
39 53.1 43.0 64.4
67 70.4 60.2 90.2
52 29.6 24.6 36.8

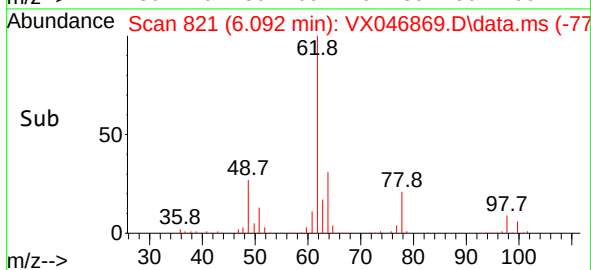
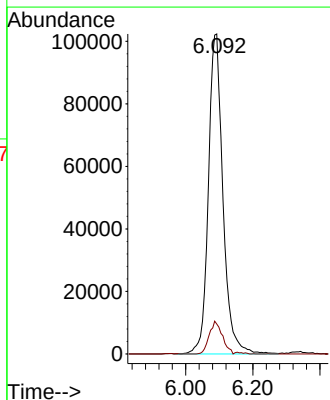
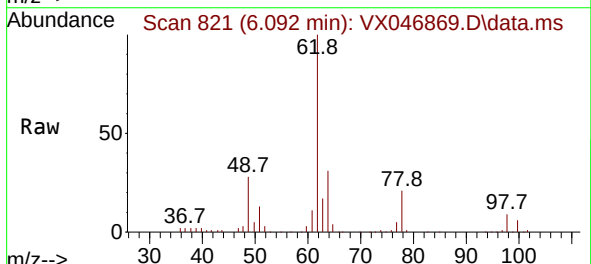
Manual Integrations
APPROVED

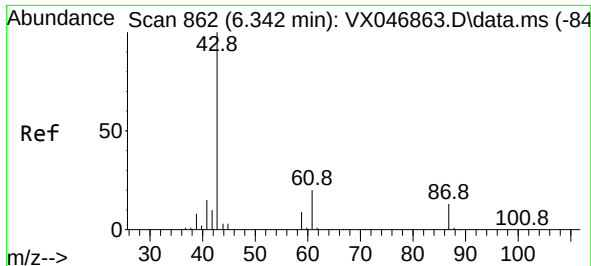
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#42
1,2-Dichloroethane
Concen: 49.285 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

Tgt Ion: 62 Resp: 307803
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.4





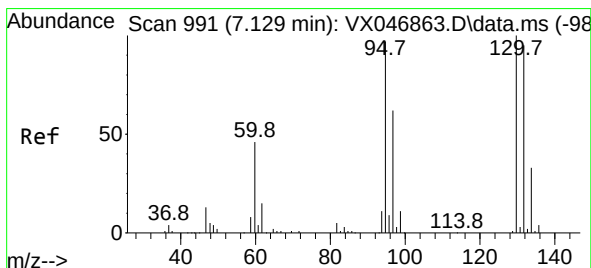
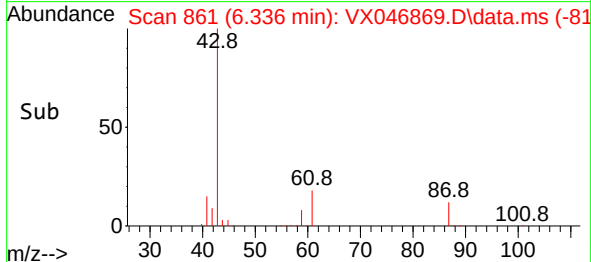
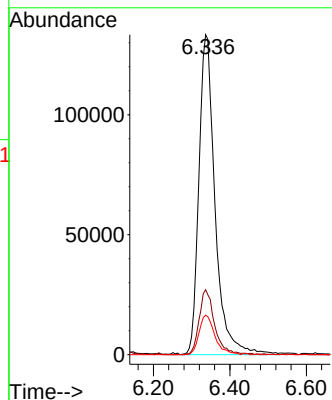
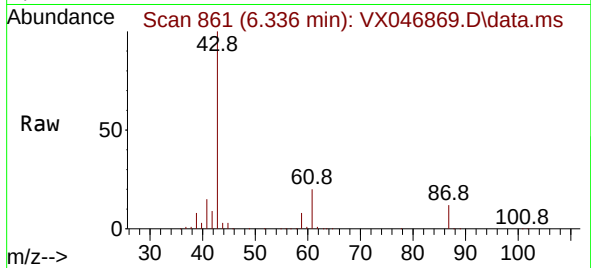
#43
Isopropyl Acetate
Concen: 49.377 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 391699
Ion Ratio Lower Upper
43 100
61 19.4 15.7 23.5
87 12.0 10.1 15.1

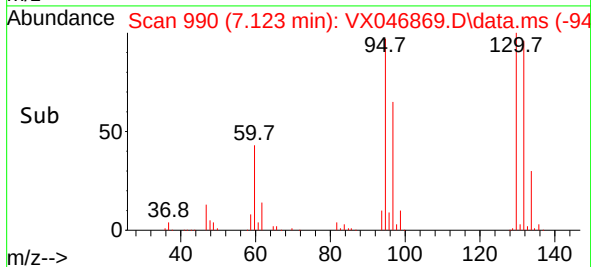
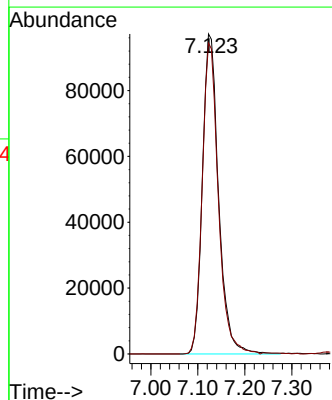
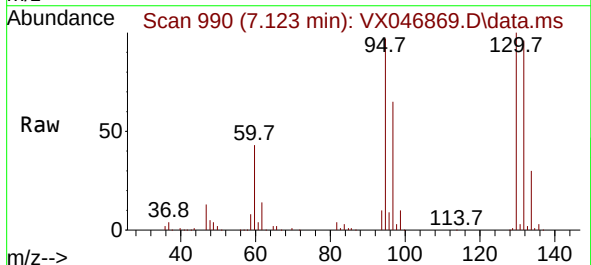
Manual Integrations
APPROVED

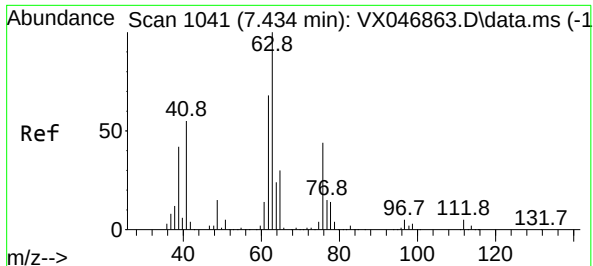
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#44
Trichloroethene
Concen: 48.525 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

Tgt Ion:130 Resp: 232324
Ion Ratio Lower Upper
130 100
95 97.1 0.0 194.2





#45

1,2-Dichloropropane

Concen: 49.006 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX046869.D

Acq: 03 Jul 2025 08:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 22772

Ion Ratio Lower Upper

63 100

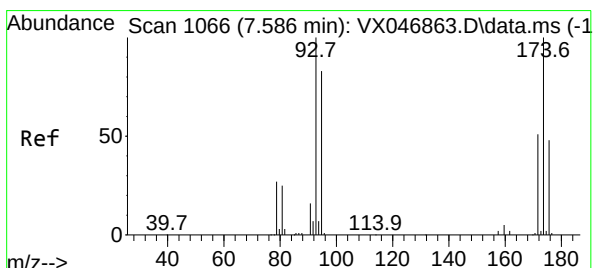
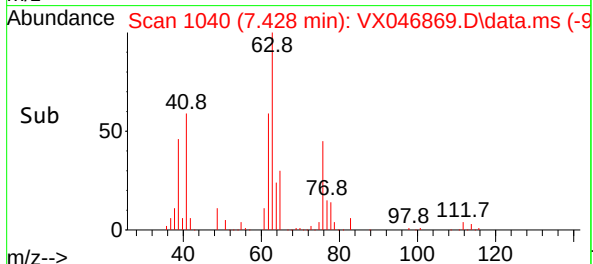
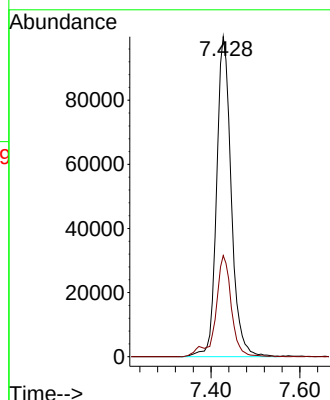
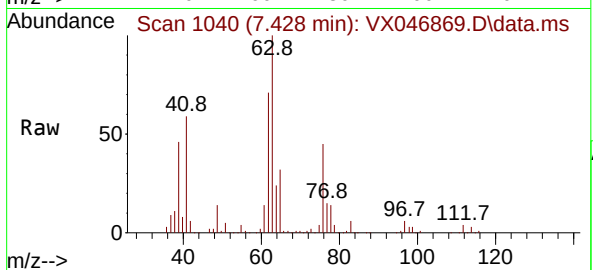
65 31.6 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#46

Dibromomethane

Concen: 48.133 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX046869.D

Acq: 03 Jul 2025 08:19

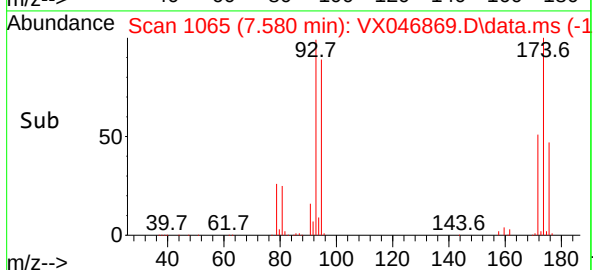
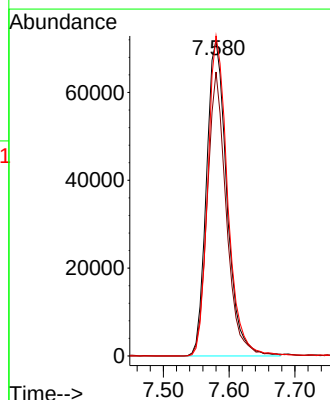
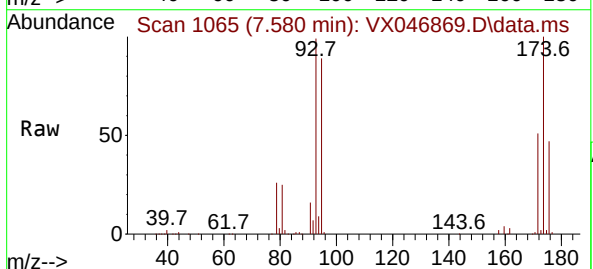
Tgt Ion: 93 Resp: 154969

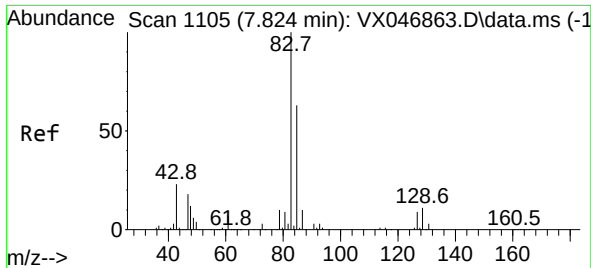
Ion Ratio Lower Upper

93 100

95 84.4 66.6 99.8

174 98.9 77.4 116.2





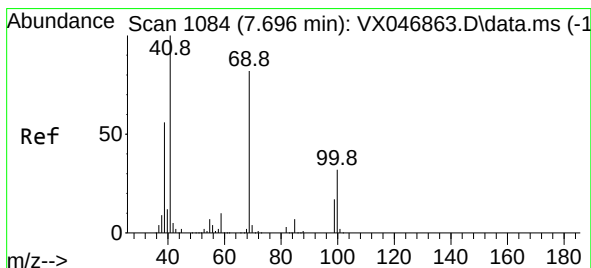
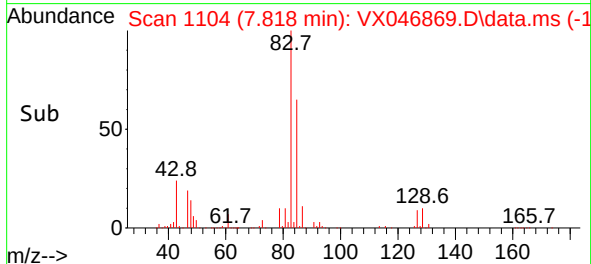
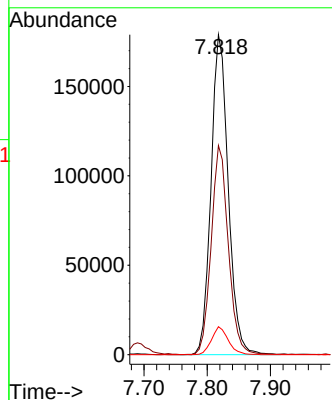
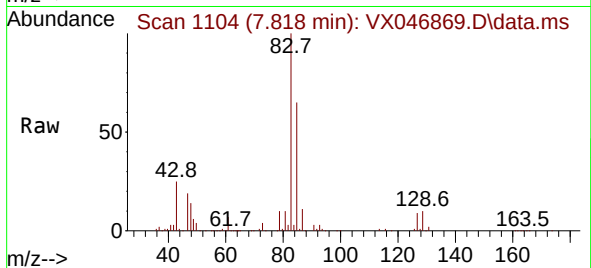
#47
Bromodichloromethane
Concen: 49.297 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 338904
Ion Ratio Lower Upper
83 100
85 65.3 50.2 75.4
127 8.8 7.1 10.7

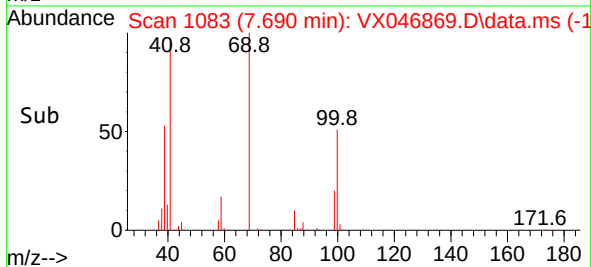
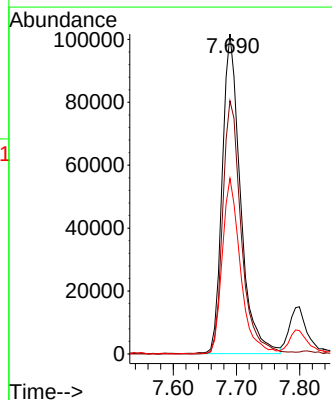
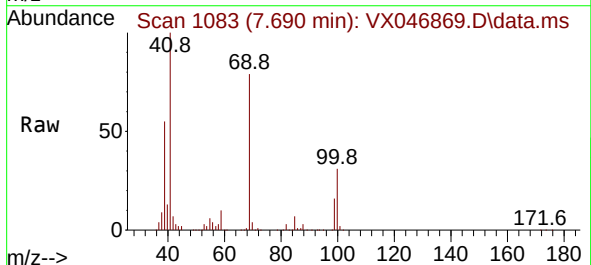
Manual Integrations
APPROVED

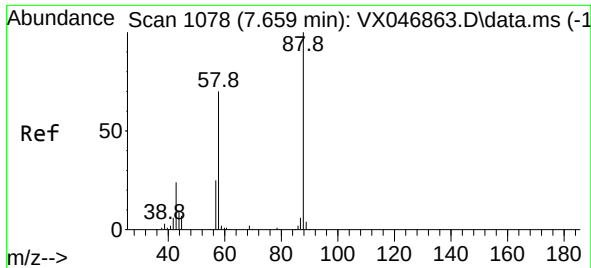
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#48
Methyl methacrylate
Concen: 49.606 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

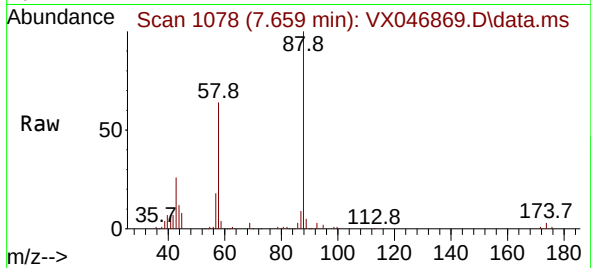
Tgt Ion: 41 Resp: 203191
Ion Ratio Lower Upper
41 100
69 80.5 65.8 98.8
39 54.8 43.8 65.6





#49
1,4-Dioxane
Concen: 972.626 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

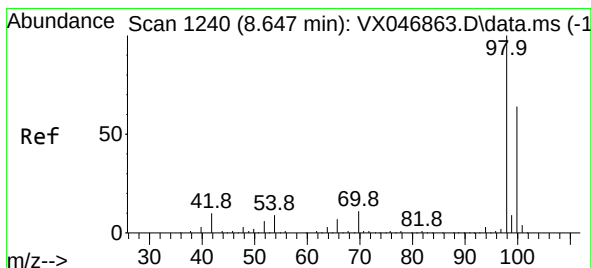
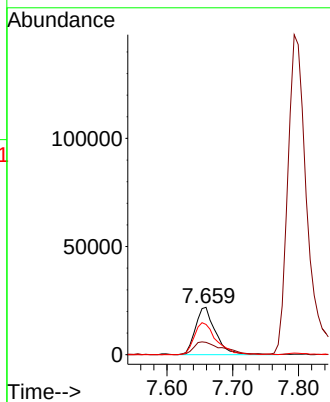
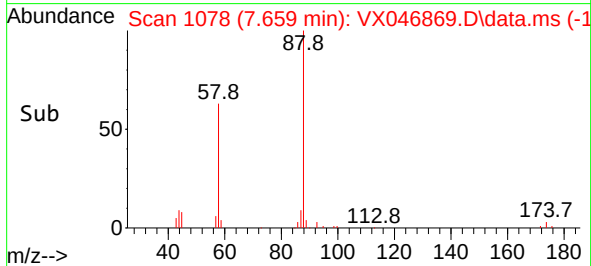
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 46162
Ion Ratio Lower Upper
88 100
43 39.7 31.7 47.5
58 74.0 57.5 86.3

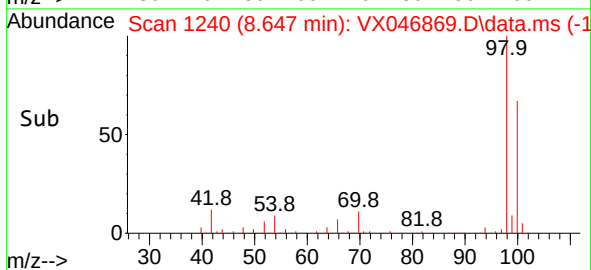
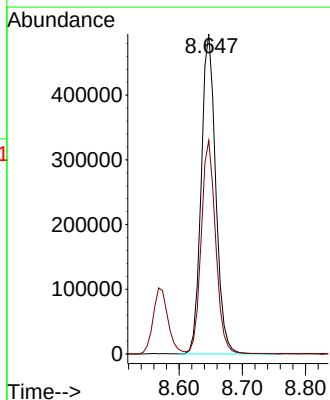
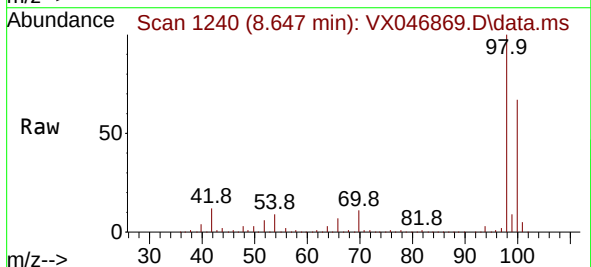
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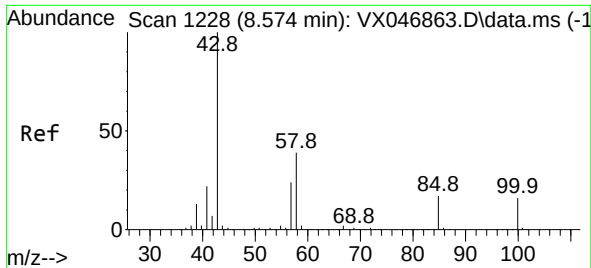
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#50
Toluene-d8
Concen: 49.721 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

Tgt Ion: 98 Resp: 790622
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.6





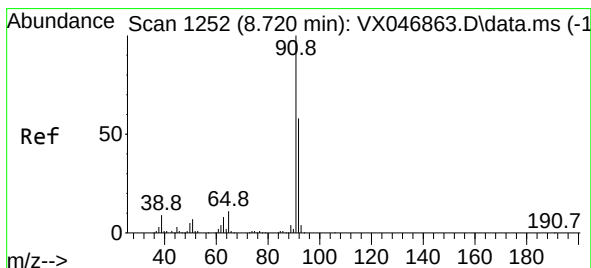
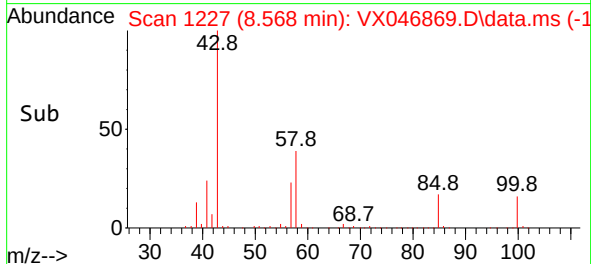
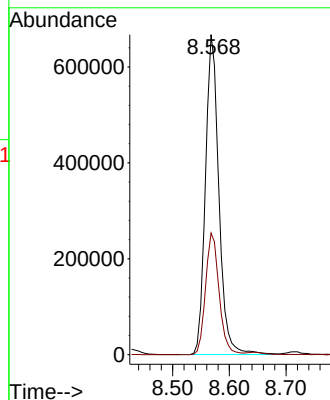
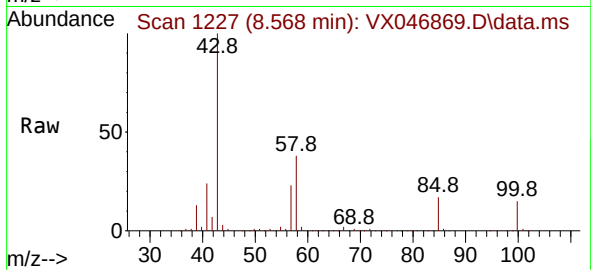
#51
4-Methyl-2-Pentanone
Concen: 235.179 ug/l
RT: 8.568 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 110104
Ion Ratio Lower Upper
43 100
58 38.3 30.4 45.6

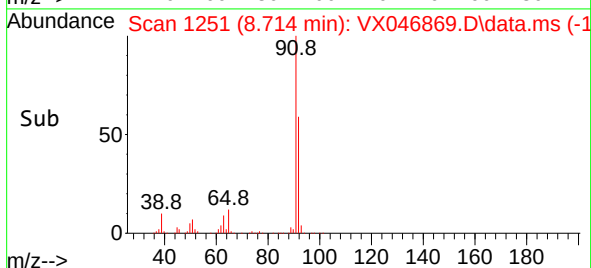
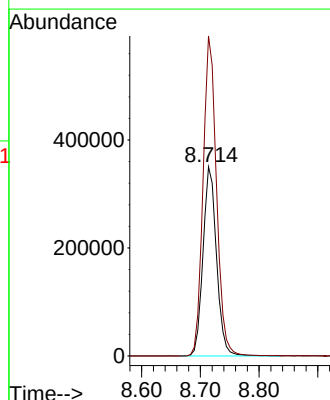
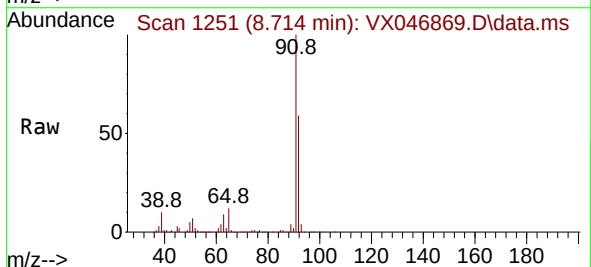
Manual Integrations
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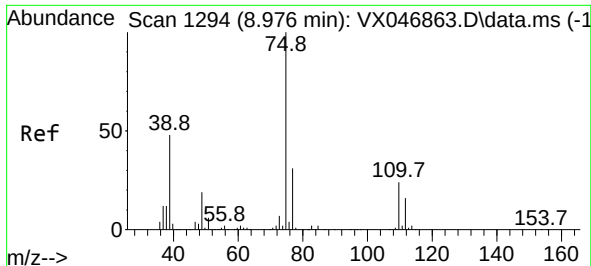
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#52
Toluene
Concen: 48.992 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

Tgt Ion: 92 Resp: 558370
Ion Ratio Lower Upper
92 100
91 168.7 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 49.792 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX046869.D

Acq: 03 Jul 2025 08:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 305488

Ion Ratio Lower Upper

75 100

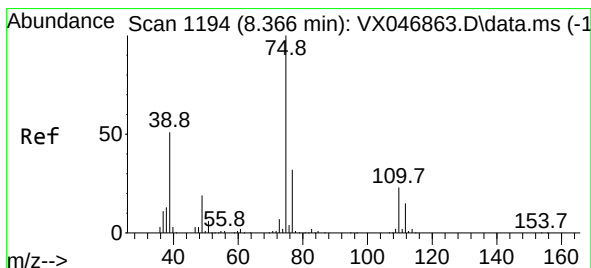
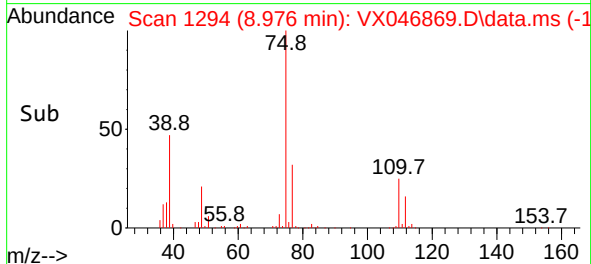
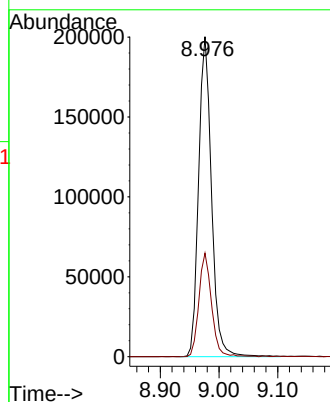
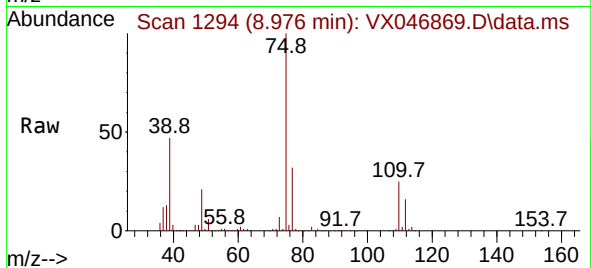
77 32.3 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#54

cis-1,3-Dichloropropene

Concen: 50.240 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX046869.D

Acq: 03 Jul 2025 08:19

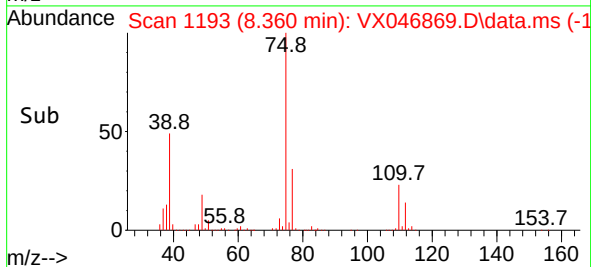
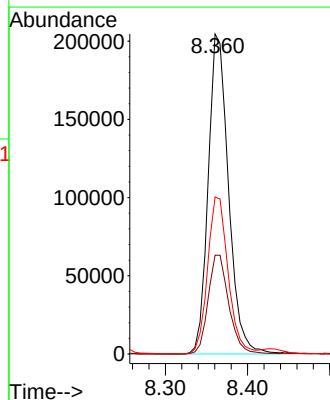
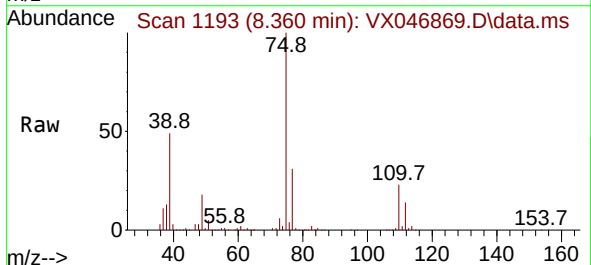
Tgt Ion: 75 Resp: 351836

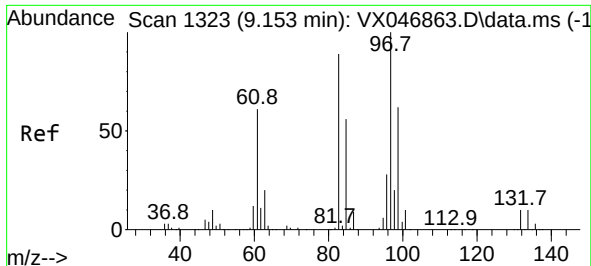
Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.2

39 49.0 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 48.166 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.006 min

Lab File: VX046869.D

Acq: 03 Jul 2025 08:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 204472

Ion Ratio Lower Upper

97 100

83 85.7 70.9 106.3

85 56.4 44.6 67.0

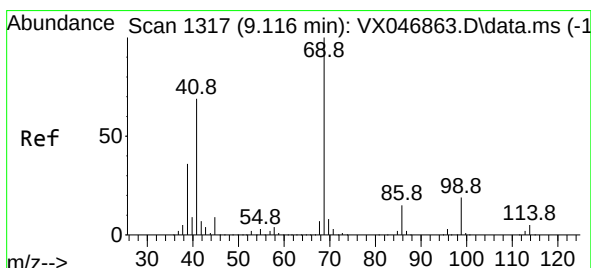
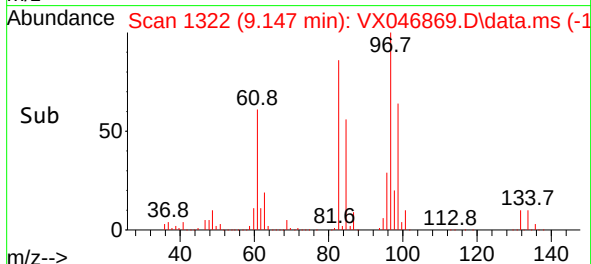
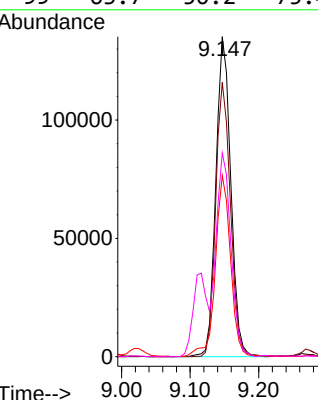
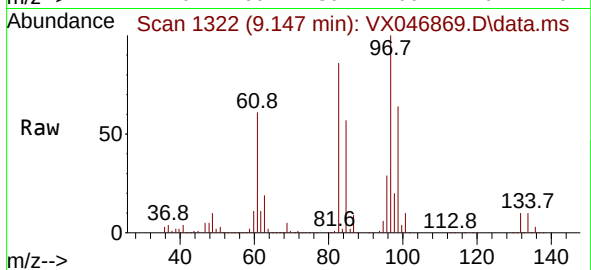
99 63.7 50.2 75.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#56

Ethyl methacrylate

Concen: 48.984 ug/l

RT: 9.110 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VX046869.D

Acq: 03 Jul 2025 08:19

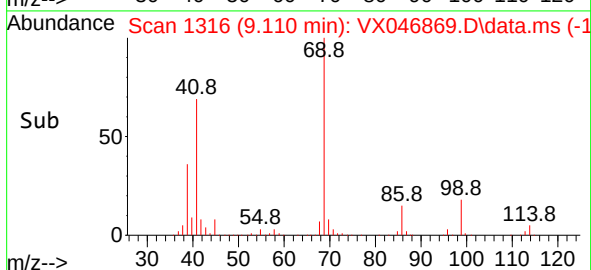
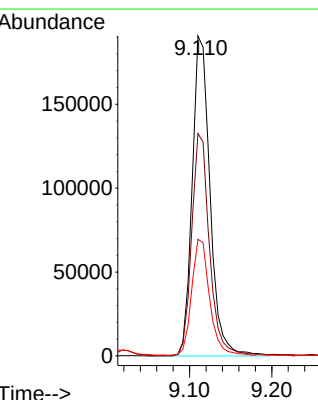
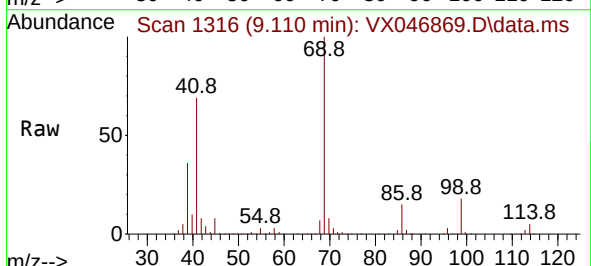
Tgt Ion: 69 Resp: 287813

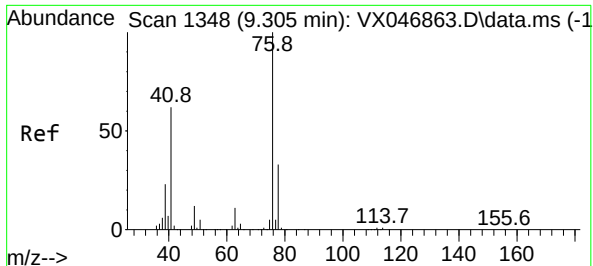
Ion Ratio Lower Upper

69 100

41 69.0 54.6 82.0

39 36.4 28.7 43.1





#57

1,3-Dichloropropane

Concen: 48.038 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX046869.D

Acq: 03 Jul 2025 08:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 35114

Ion Ratio Lower Upper

76 100

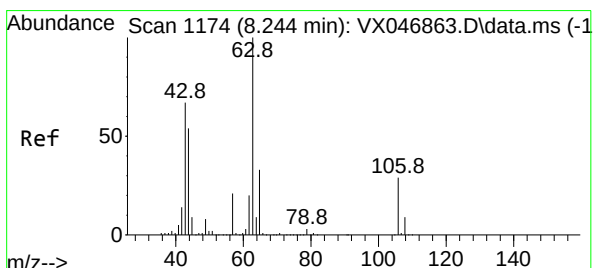
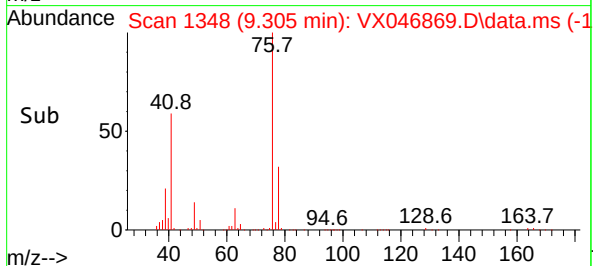
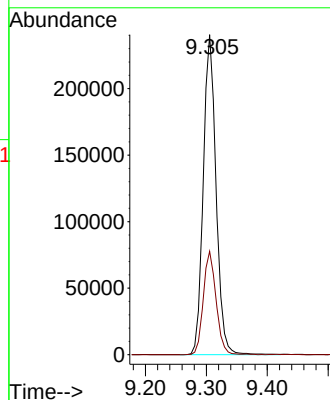
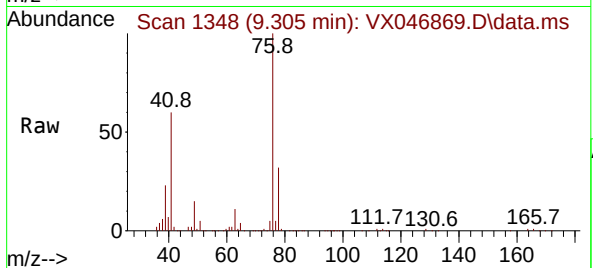
78 32.3 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#58

2-Chloroethyl Vinyl ether

Concen: 260.305 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX046869.D

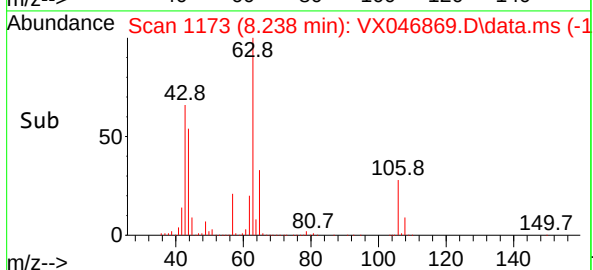
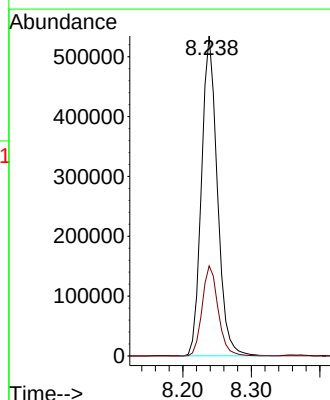
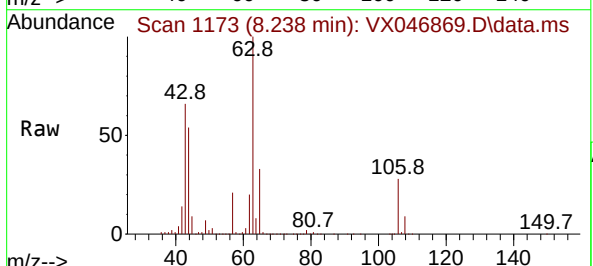
Acq: 03 Jul 2025 08:19

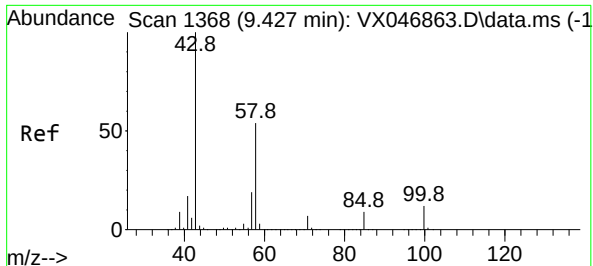
Tgt Ion: 63 Resp: 861768

Ion Ratio Lower Upper

63 100

106 28.4 22.6 33.8





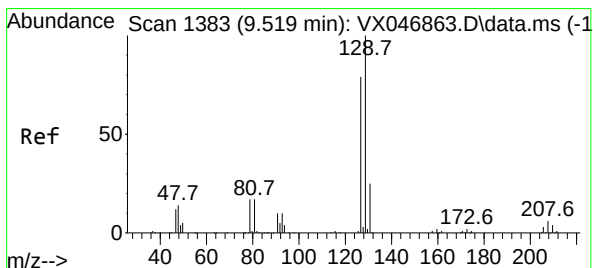
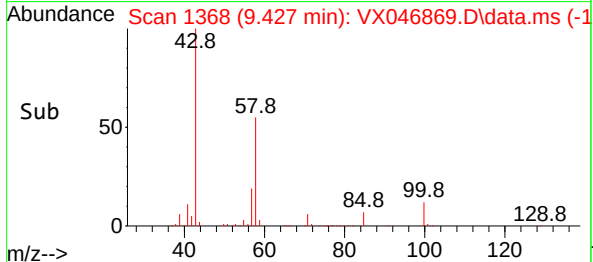
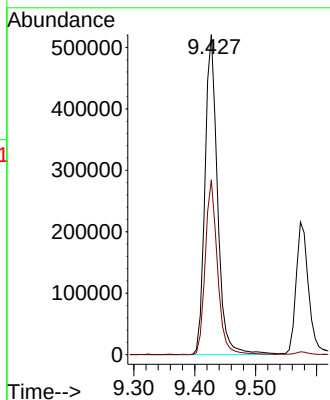
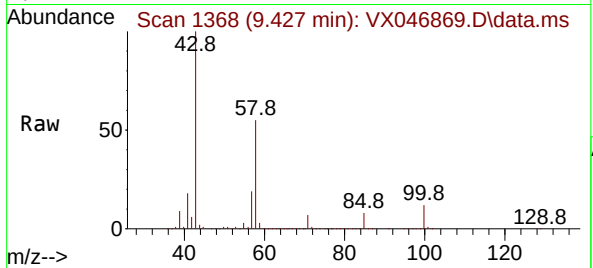
#59
2-Hexanone
Concen: 239.843 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 74480
Ion Ratio Lower Upper
43 100
58 53.6 27.1 81.3

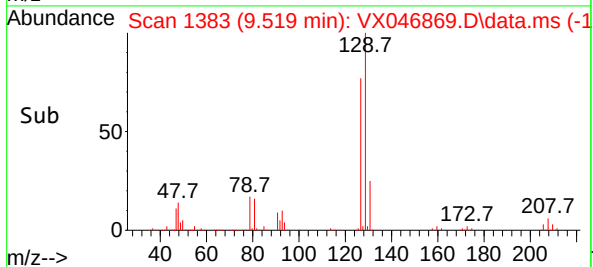
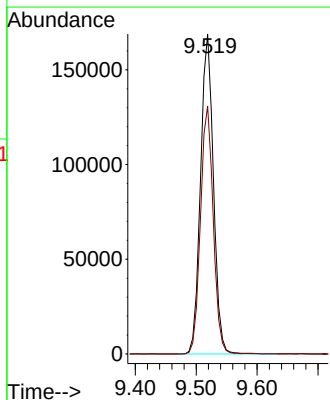
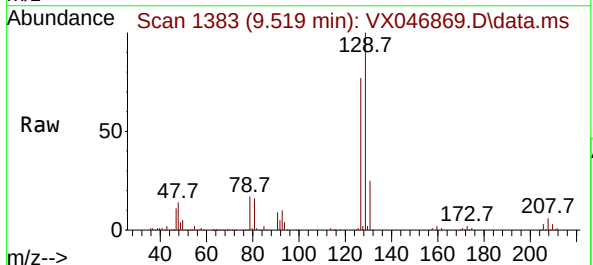
Manual Integrations
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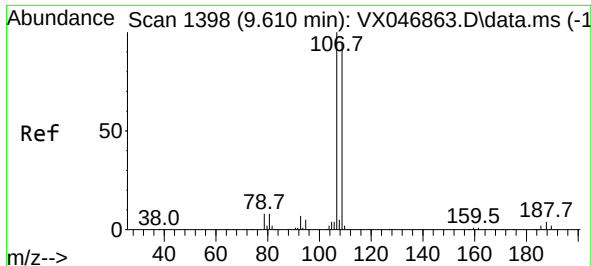
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#60
Dibromochloromethane
Concen: 48.844 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

Tgt Ion:129 Resp: 248143
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.5





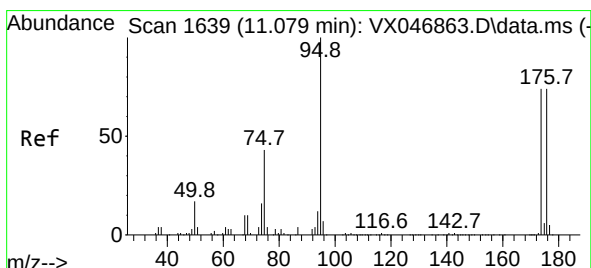
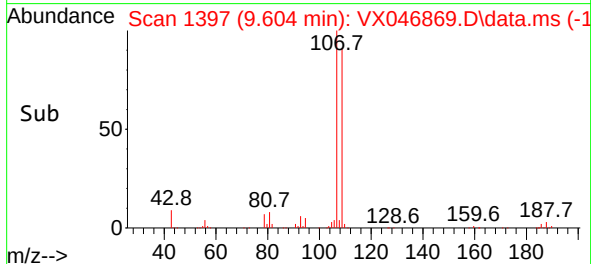
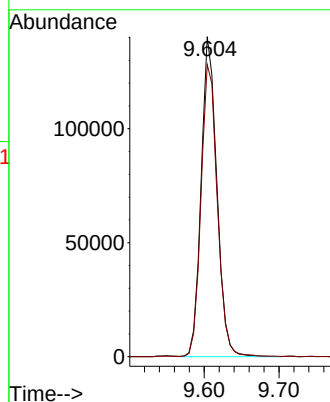
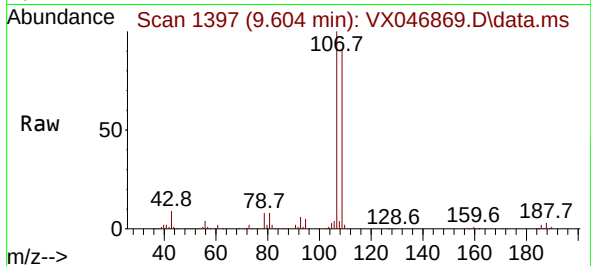
#61
1,2-Dibromoethane
Concen: 48.112 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 20512
Ion Ratio Lower Upper
107 100
109 93.9 75.4 113.2

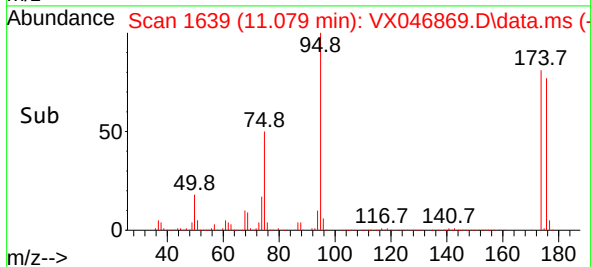
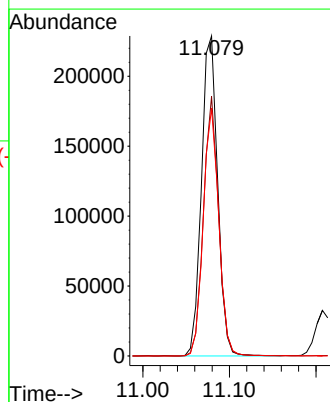
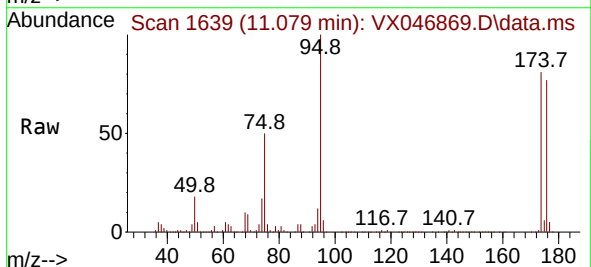
Manual Integrations
APPROVED

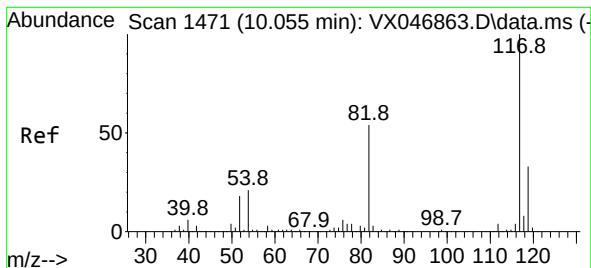
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#62
4-Bromofluorobenzene
Concen: 49.157 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

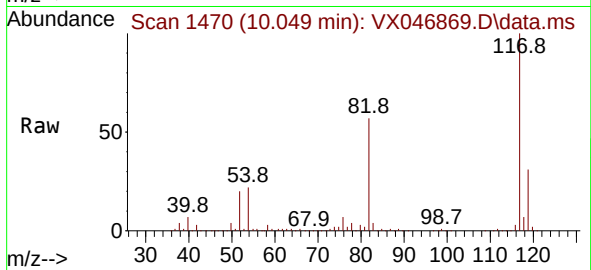
Tgt Ion: 95 Resp: 297077
Ion Ratio Lower Upper
95 100
174 76.0 0.0 152.0
176 74.6 0.0 145.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

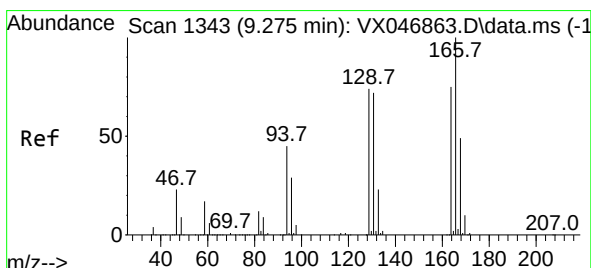
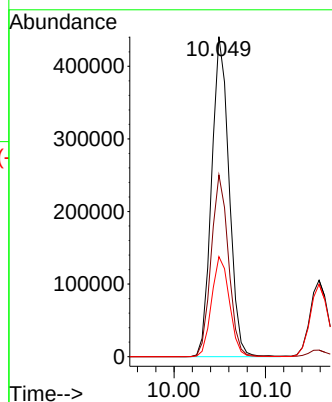
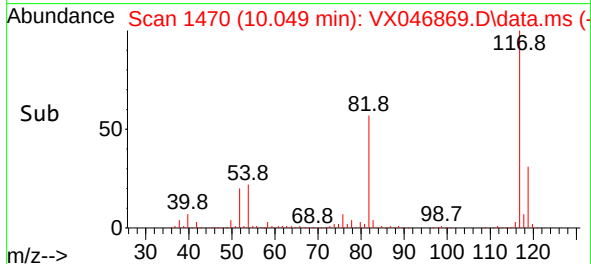
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 58262
Ion Ratio Lower Upper
117 100
82 56.8 43.3 64.9
119 31.3 26.4 39.6

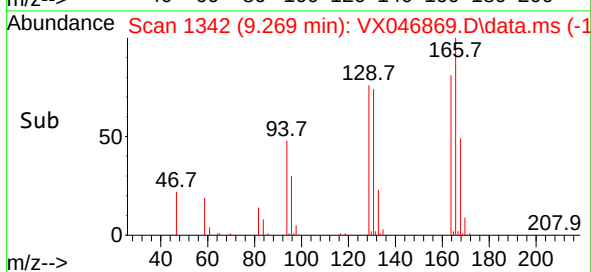
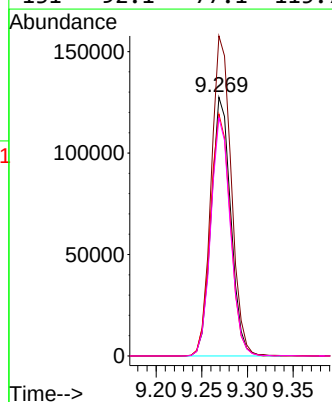
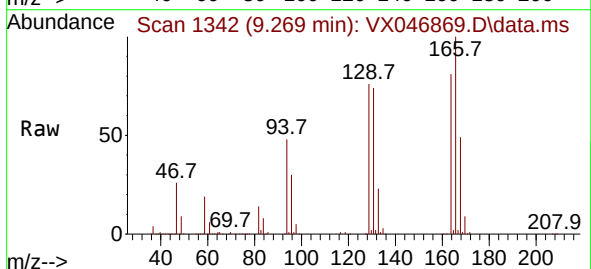
Manual Integrations
APPROVED

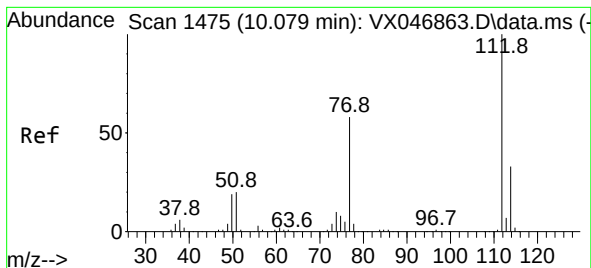
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#64
Tetrachloroethene
Concen: 48.715 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

Tgt Ion:164 Resp: 188971
Ion Ratio Lower Upper
164 100
166 123.7 107.0 160.6
129 93.5 79.7 119.5
131 92.1 77.1 115.7





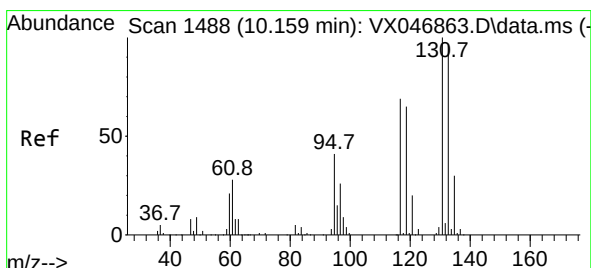
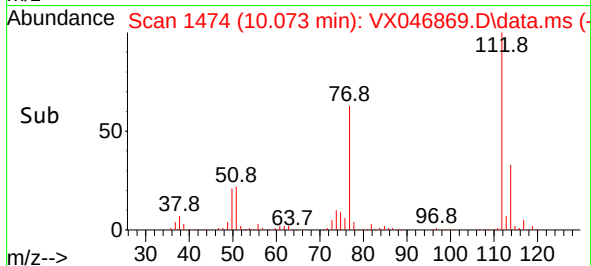
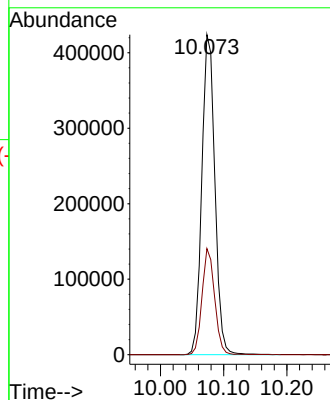
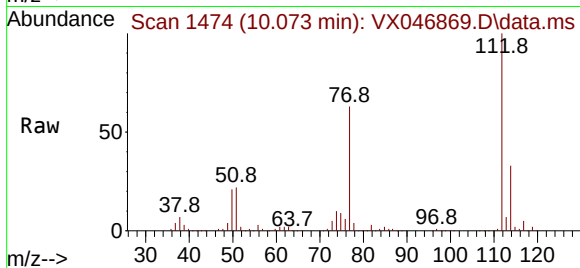
#65
Chlorobenzene
Concen: 48.359 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 609150
Ion Ratio Lower Upper
112 100
114 33.2 26.3 39.5

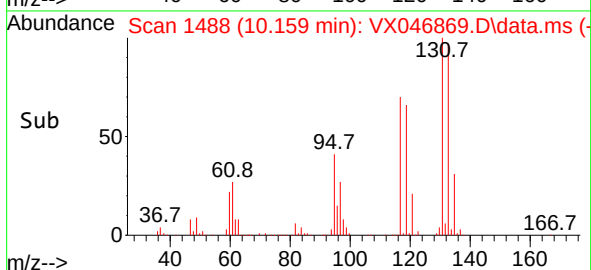
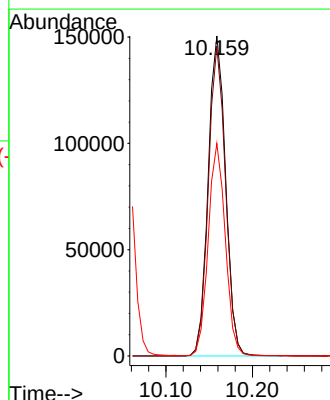
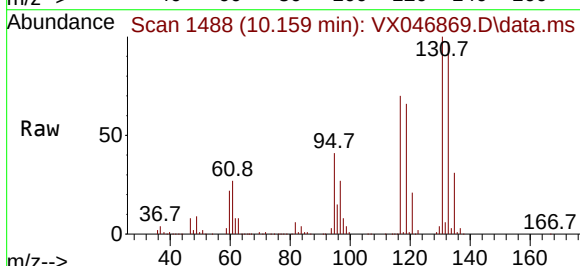
Manual Integrations
APPROVED

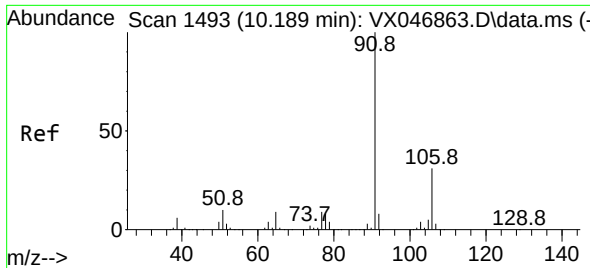
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 49.708 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

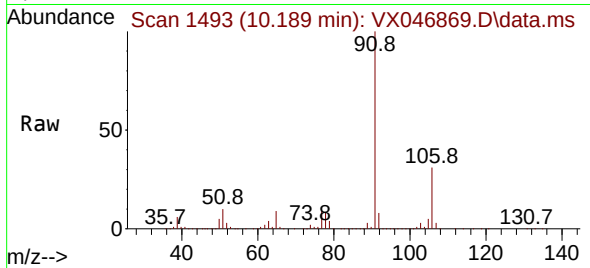
Tgt Ion:131 Resp: 210490
Ion Ratio Lower Upper
131 100
133 95.4 47.6 142.9
119 64.8 32.4 97.2





#67
Ethyl Benzene
Concen: 49.560 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

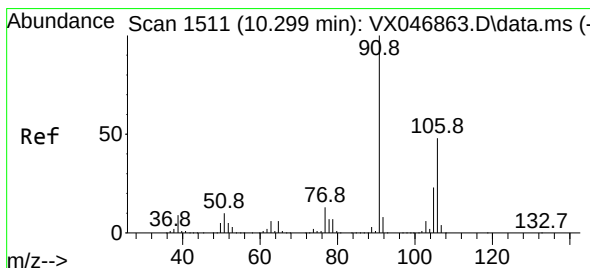
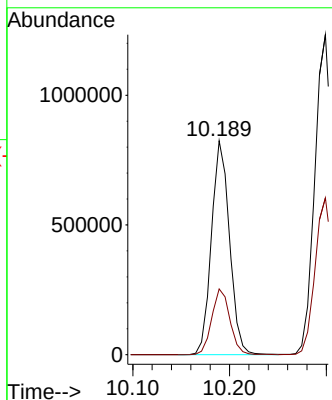
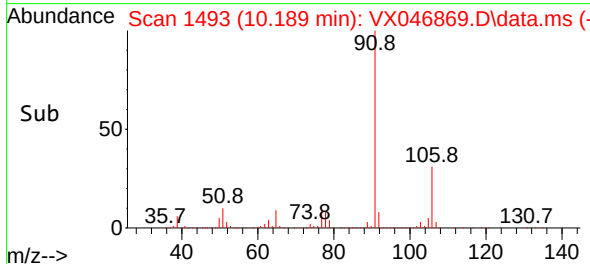
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



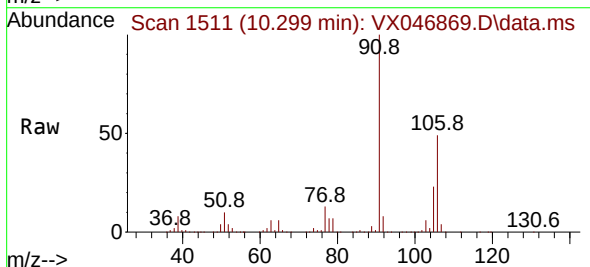
Tgt Ion: 91 Resp: 106909
Ion Ratio Lower Upper
91 100
106 30.8 24.4 36.6

Manual Integrations
APPROVED

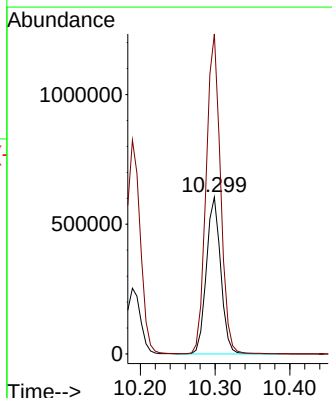
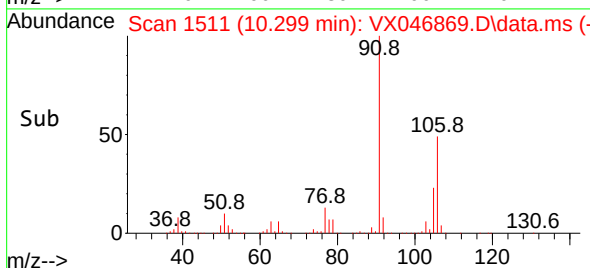
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

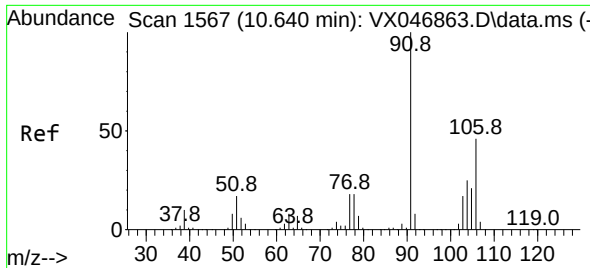


#68
m/p-Xylenes
Concen: 98.920 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19



Tgt Ion:106 Resp: 804090
Ion Ratio Lower Upper
106 100
91 205.0 164.6 246.8





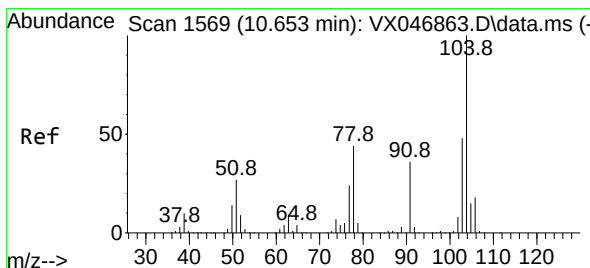
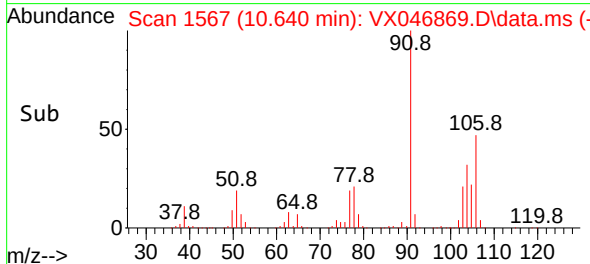
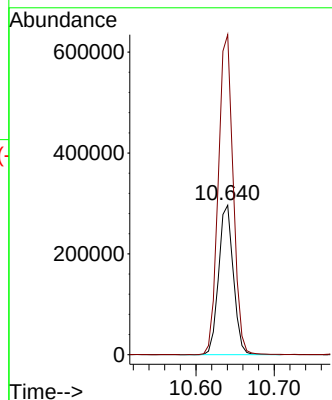
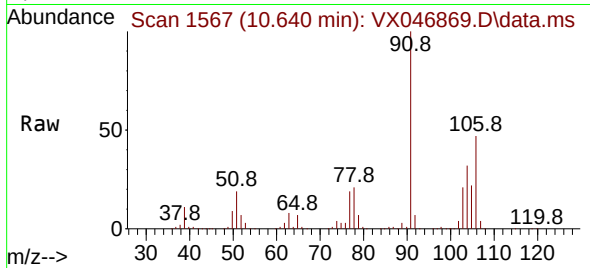
#69
o-Xylene
Concen: 49.389 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 387802
Ion Ratio Lower Upper
106 100
91 216.5 109.5 328.5

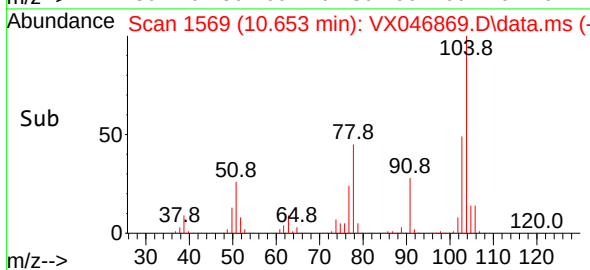
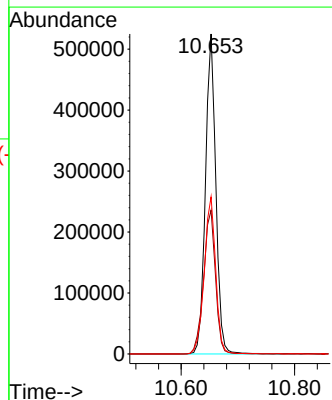
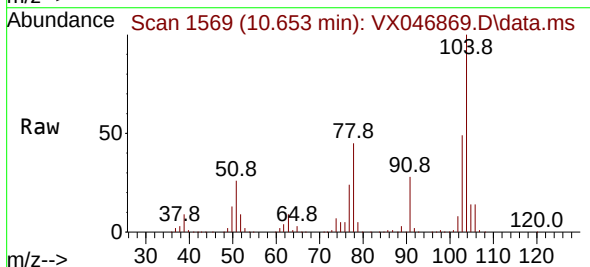
Manual Integrations
APPROVED

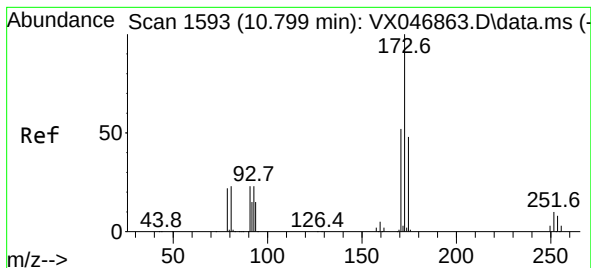
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#70
Styrene
Concen: 49.769 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

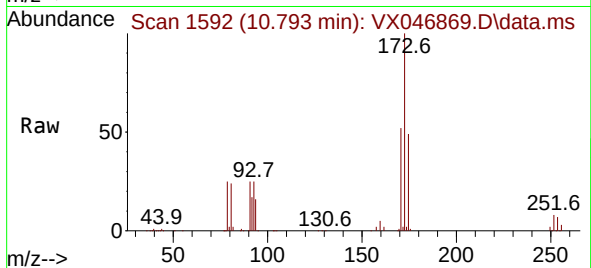
Tgt Ion:104 Resp: 668591
Ion Ratio Lower Upper
104 100
78 51.5 40.3 60.5
103 54.3 42.8 64.2





#71
Bromoform
Concen: 48.887 ug/l
RT: 10.793 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

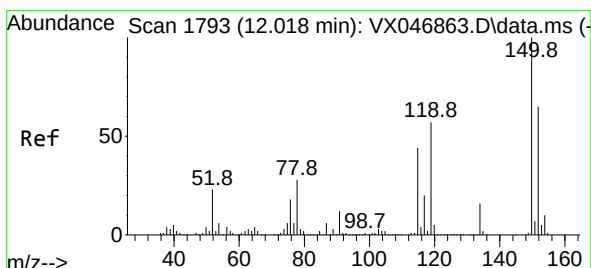
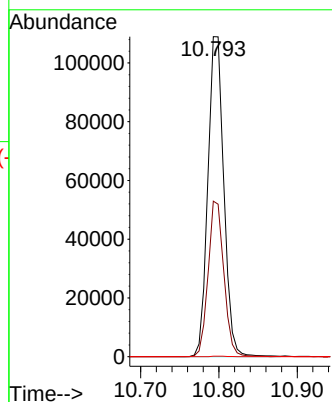
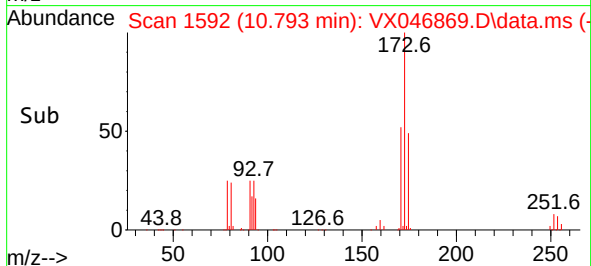
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 153922
Ion Ratio Lower Upper
173 100
175 47.8 23.8 71.5
254 0.2 0.1 0.1

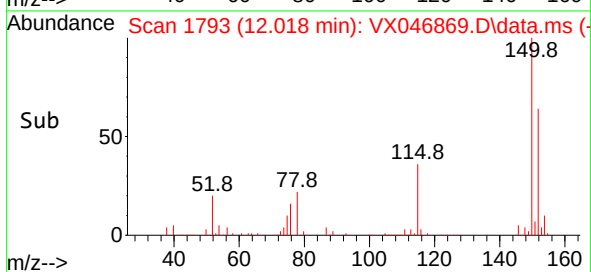
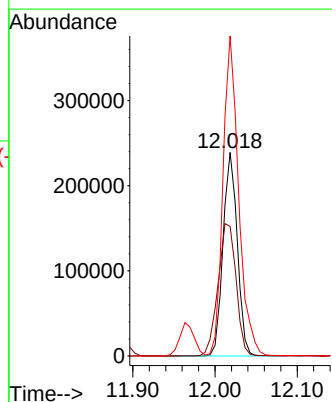
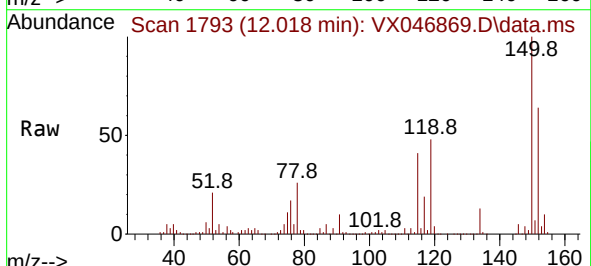
Manual Integrations
APPROVED

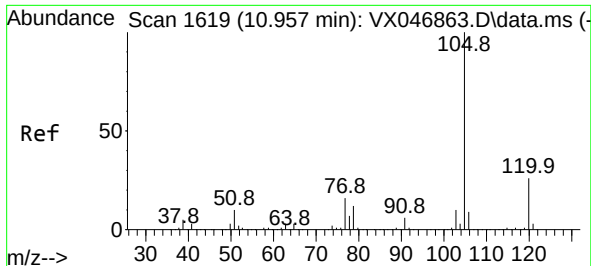
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

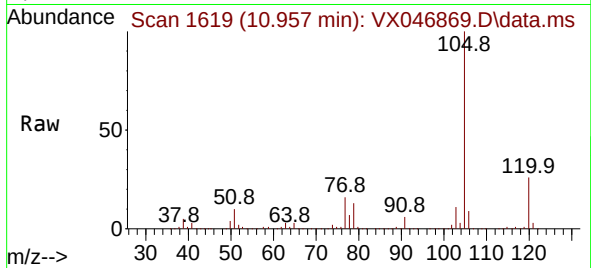
Tgt Ion:152 Resp: 287854
Ion Ratio Lower Upper
152 100
115 82.7 42.4 127.1
150 173.2 0.0 349.2





#73
Isopropylbenzene
Concen: 50.614 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

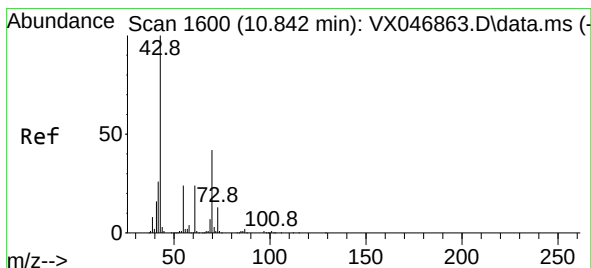
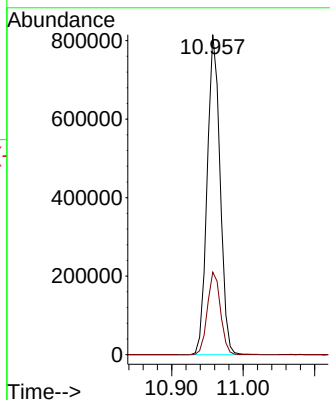
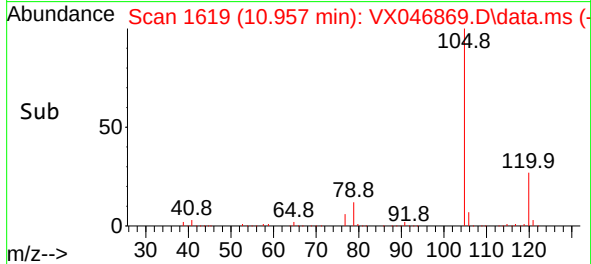
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 102419
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.5

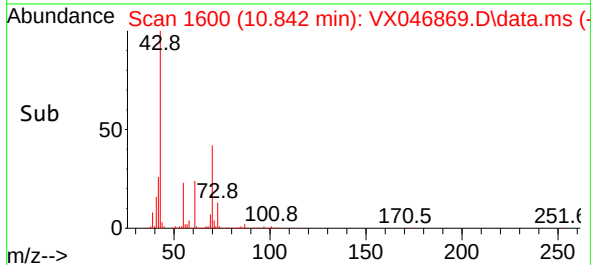
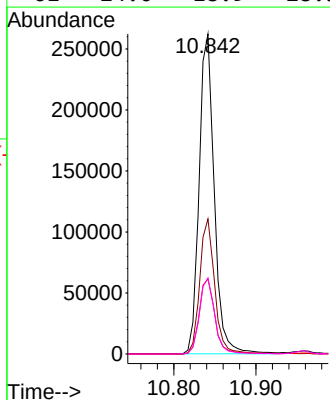
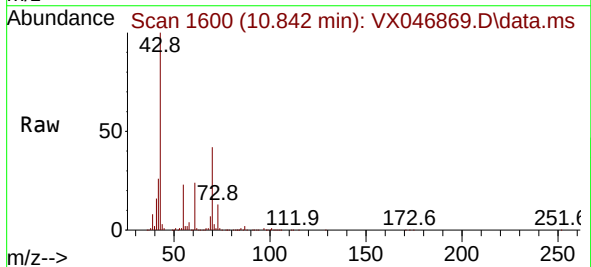
Manual Integrations
APPROVED

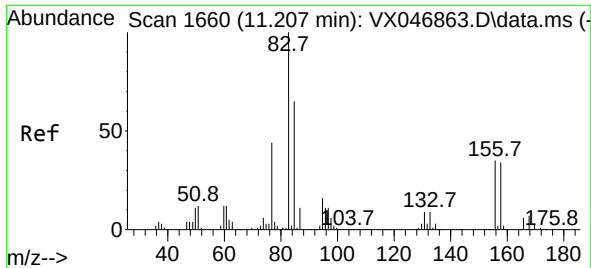
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#74
N-ethyl acetate
Concen: 48.800 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

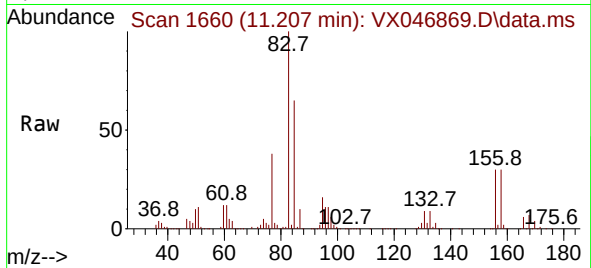
Tgt Ion: 43 Resp: 335560
Ion Ratio Lower Upper
43 100
70 41.7 33.4 50.2
55 24.5 19.6 29.4
61 24.0 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 46.635 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

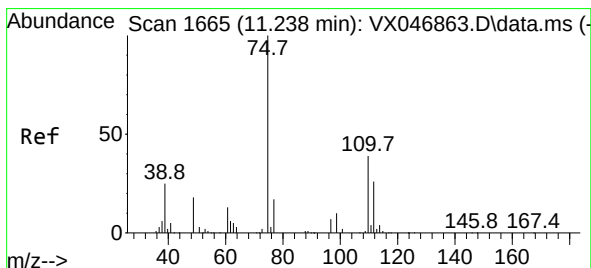
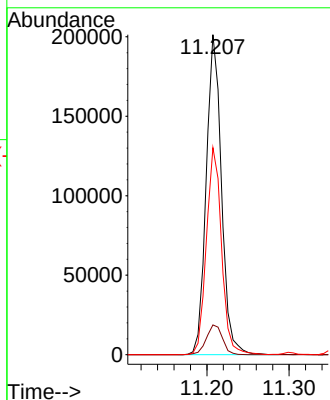
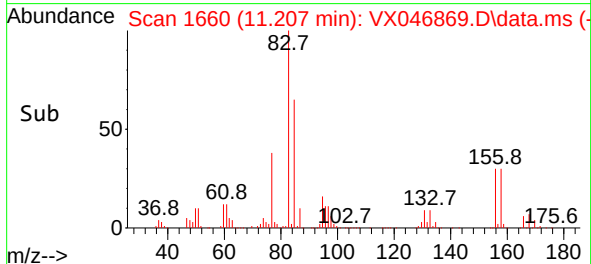
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



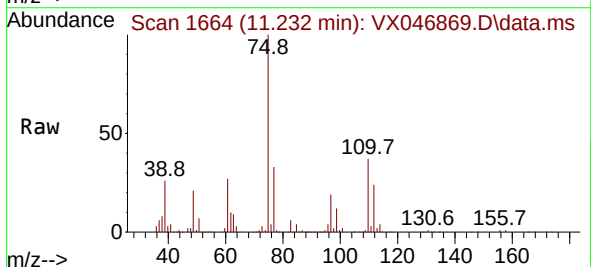
Tgt Ion: 83 Resp: 25948
Ion Ratio Lower Upper
83 100
131 9.8 5.0 14.9
85 64.4 32.1 96.5

Manual Integrations
APPROVED

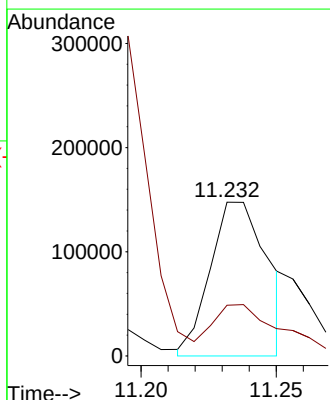
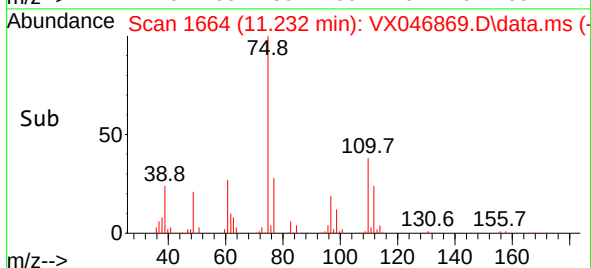
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

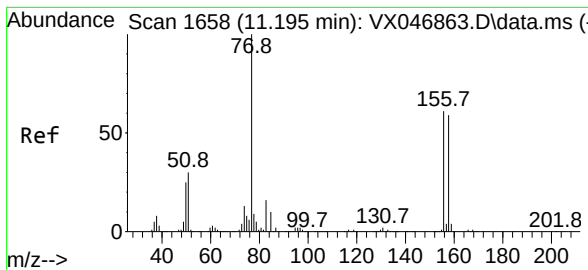


#76
1,2,3-Trichloropropane
Concen: 48.776 ug/l m
RT: 11.232 min Scan# 1664
Delta R.T. -0.006 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19



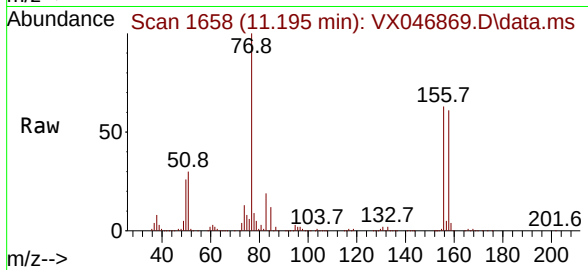
Tgt Ion: 75 Resp: 216945
Ion Ratio Lower Upper
75 100
77 40.1 20.6 61.8





#77
Bromobenzene
Concen: 49.088 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

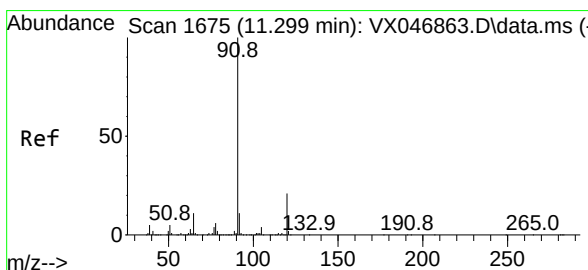
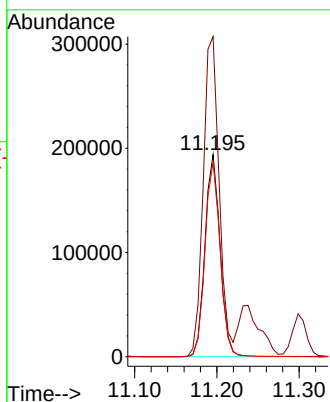
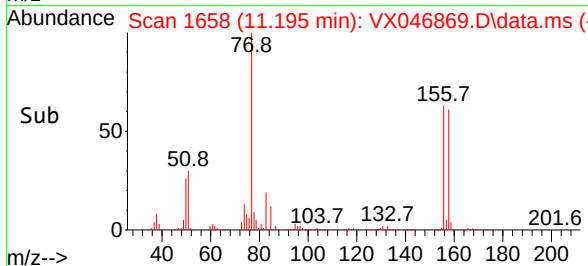
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



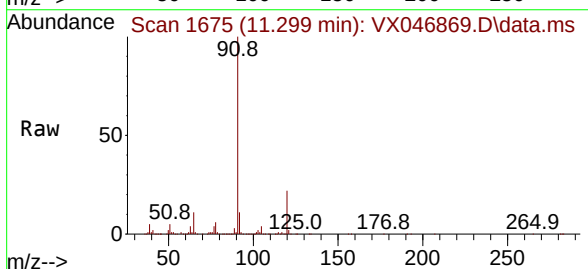
Tgt Ion:156 Resp: 24742
Ion Ratio Lower Upper
156 100
77 166.9 82.3 247.0
158 96.3 47.5 142.6

Manual Integrations
APPROVED

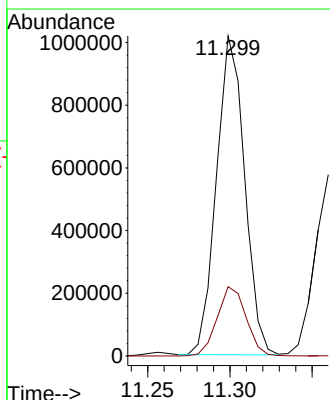
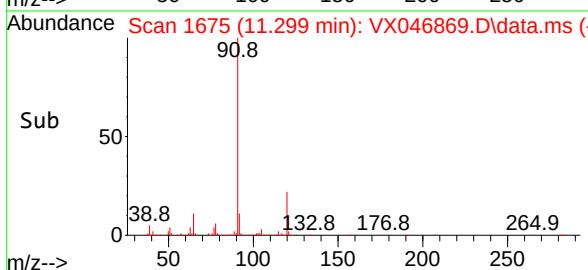
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

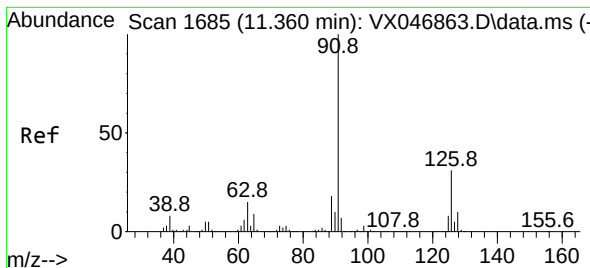


#78
n-propylbenzene
Concen: 49.703 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19



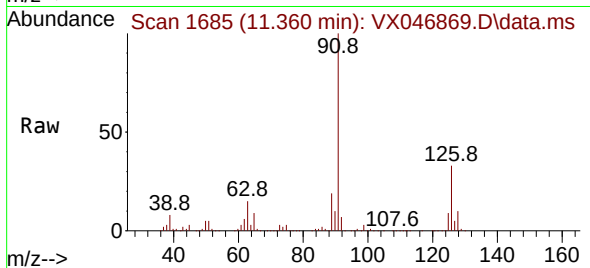
Tgt Ion: 91 Resp: 1212749
Ion Ratio Lower Upper
91 100
120 22.4 11.2 33.5





#79
2-Chlorotoluene
Concen: 48.623 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

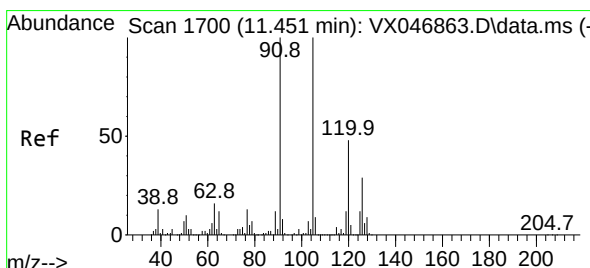
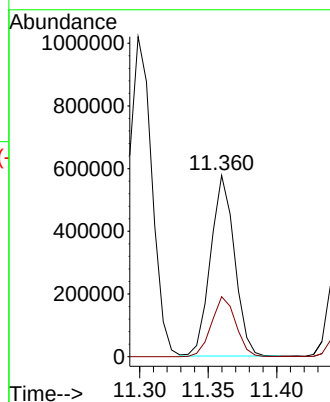
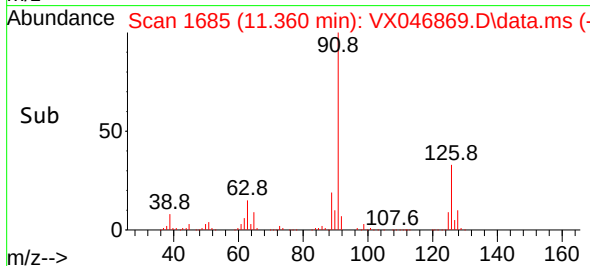
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



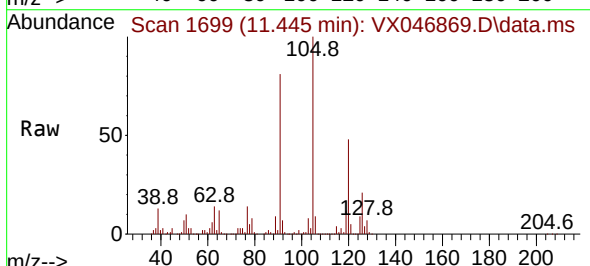
Tgt Ion: 91 Resp: 700520
Ion Ratio Lower Upper
91 100
126 33.8 16.6 49.8

Manual Integrations
APPROVED

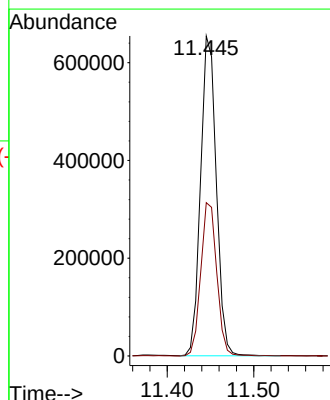
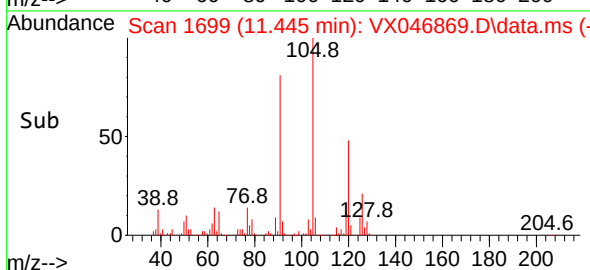
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

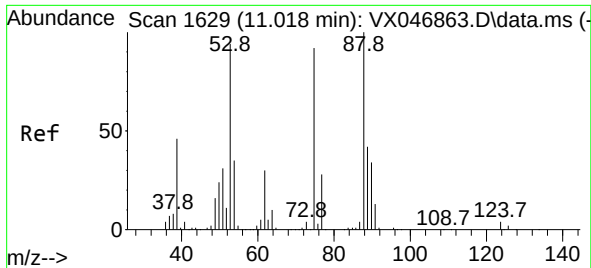


#80
1,3,5-Trimethylbenzene
Concen: 50.235 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19



Tgt Ion:105 Resp: 825975
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.4





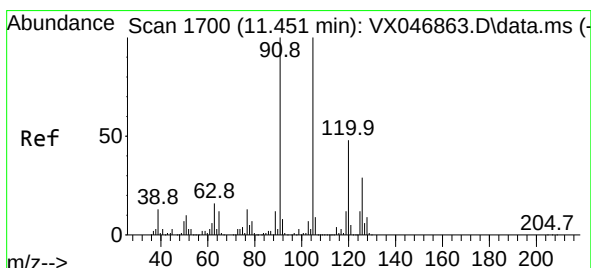
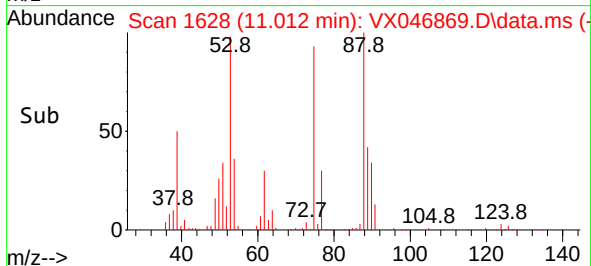
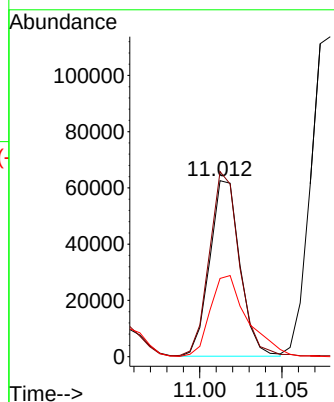
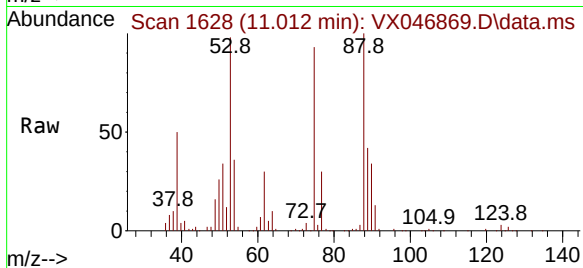
#81
trans-1,4-Dichloro-2-butene
Concen: 48.179 ug/l
RT: 11.012 min Scan# 1628
Delta R.T. -0.006 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 79854
Ion Ratio Lower Upper
75 100
53 104.0 83.7 125.5
89 57.3 38.2 57.2

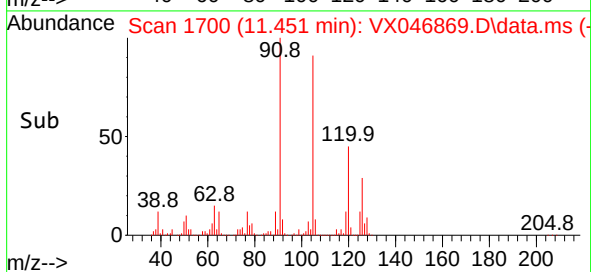
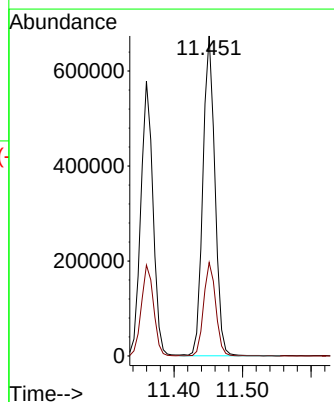
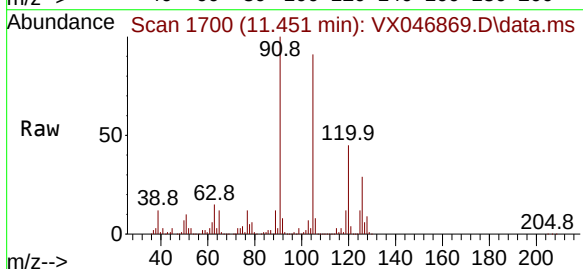
Manual Integrations
APPROVED

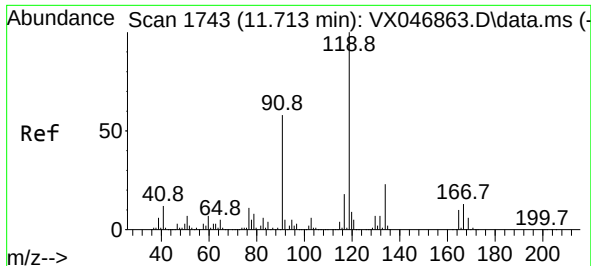
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#82
4-Chlorotoluene
Concen: 49.590 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

Tgt Ion: 91 Resp: 824470
Ion Ratio Lower Upper
91 100
126 29.3 14.6 44.0





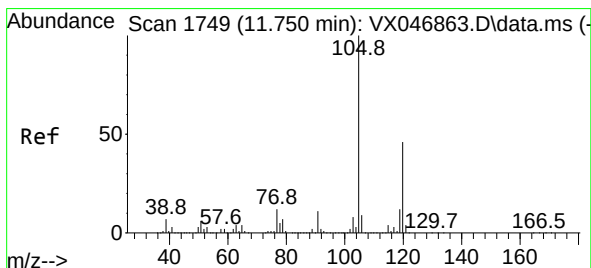
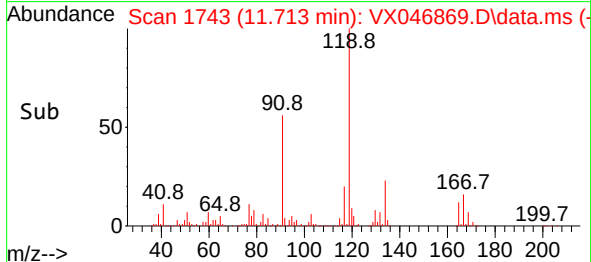
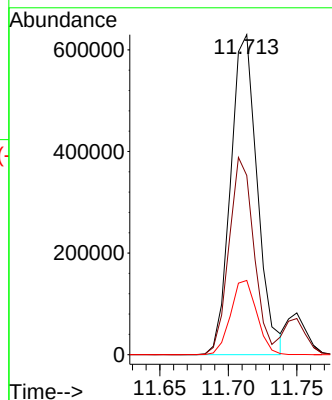
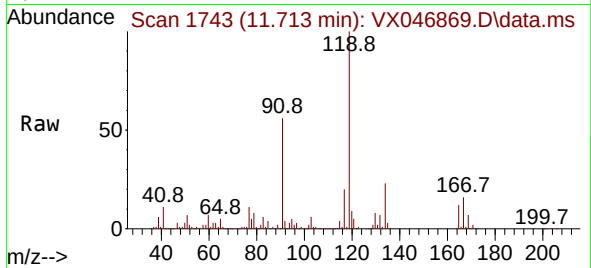
#83
tert-Butylbenzene
Concen: 50.379 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 85553
Ion Ratio Lower Upper
119 100
91 57.5 28.7 86.3
134 22.8 11.4 34.2

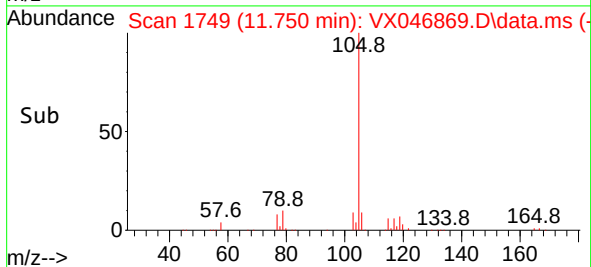
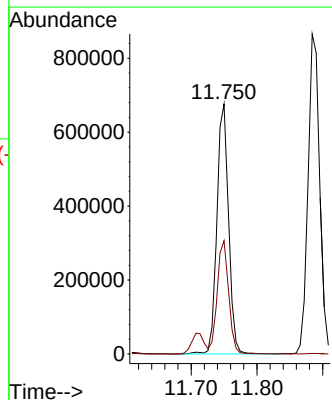
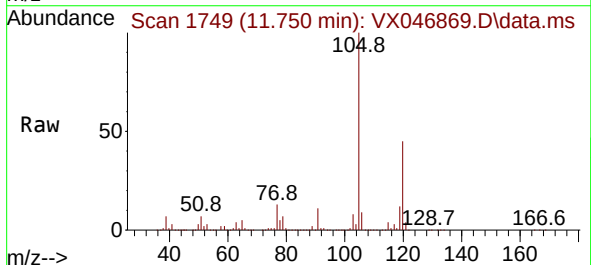
Manual Integrations
APPROVED

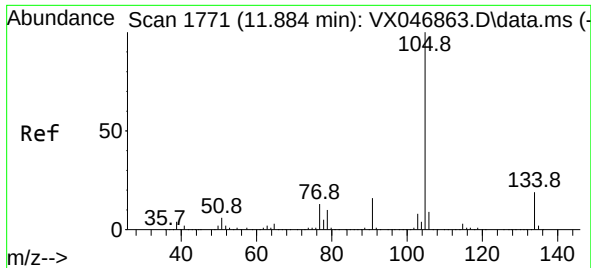
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#84
1,2,4-Trimethylbenzene
Concen: 50.275 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

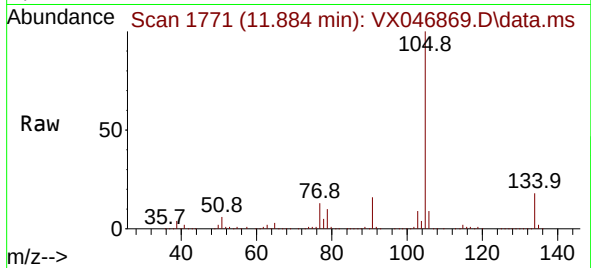
Tgt Ion:105 Resp: 835526
Ion Ratio Lower Upper
105 100
120 44.3 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 49.589 ug/l
 RT: 11.884 min Scan# 1771
 Delta R.T. 0.000 min
 Lab File: VX046869.D
 Acq: 03 Jul 2025 08:19

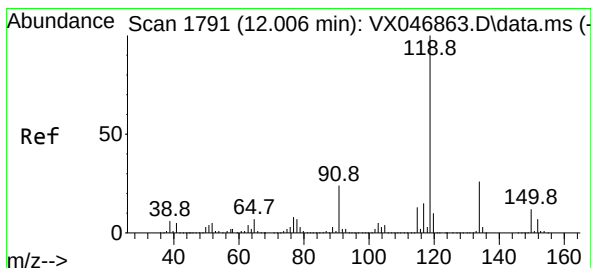
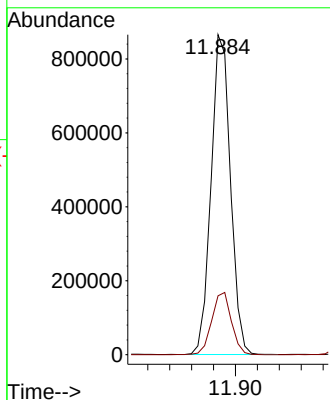
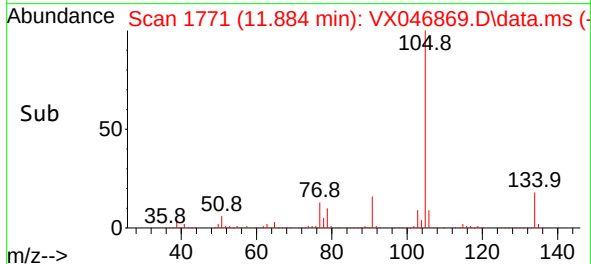
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



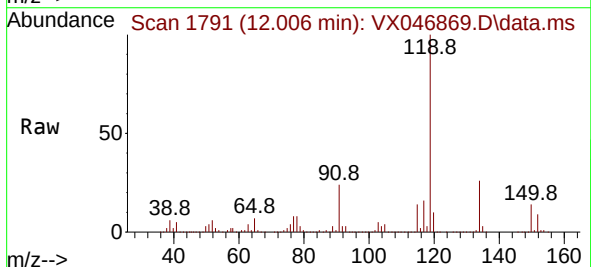
Tgt Ion:105 Resp: 1061754
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.9 29.7

Manual Integrations
 APPROVED

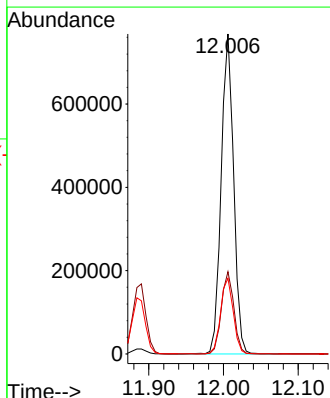
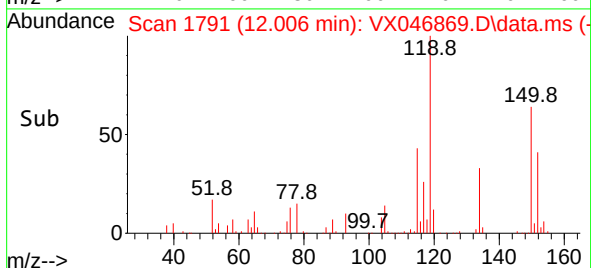
Reviewed By :John Carlone 07/07/2025
 Supervised By :Mahesh Dadoda 07/07/2025

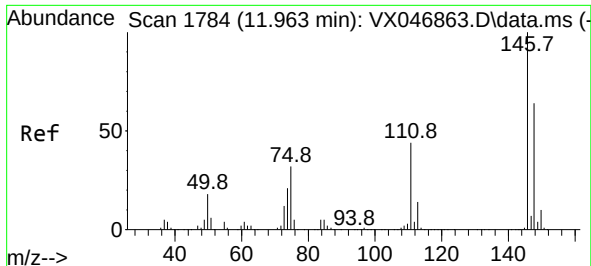


#86
 p-Isopropyltoluene
 Concen: 49.756 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046869.D
 Acq: 03 Jul 2025 08:19



Tgt Ion:119 Resp: 892126
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 24.1 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 48.822 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VX046869.D

Acq: 03 Jul 2025 08:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 460220

Ion Ratio Lower Upper

146 100

111 41.0 20.5 61.6

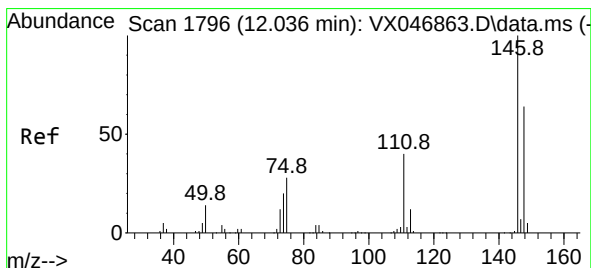
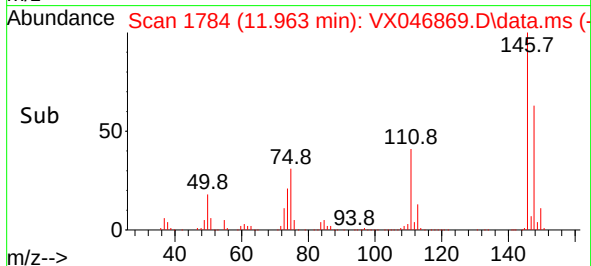
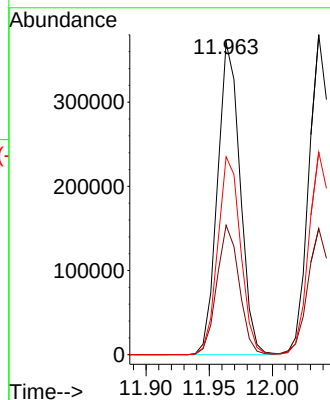
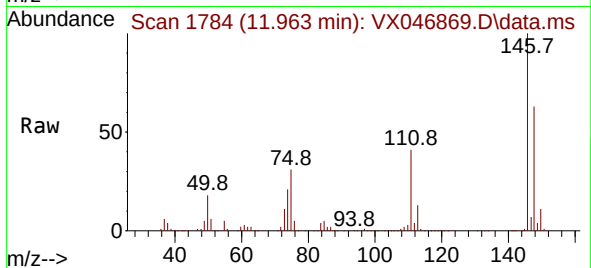
148 64.1 31.4 94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#88

1,4-Dichlorobenzene

Concen: 46.714 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX046869.D

Acq: 03 Jul 2025 08:19

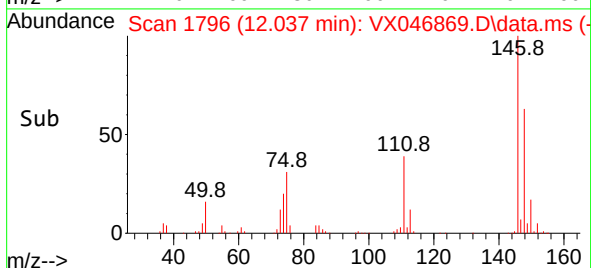
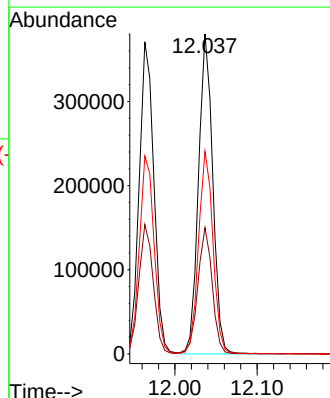
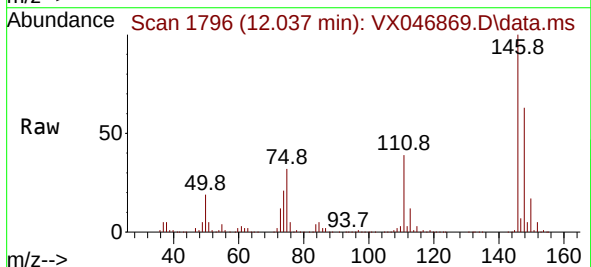
Tgt Ion:146 Resp: 458294

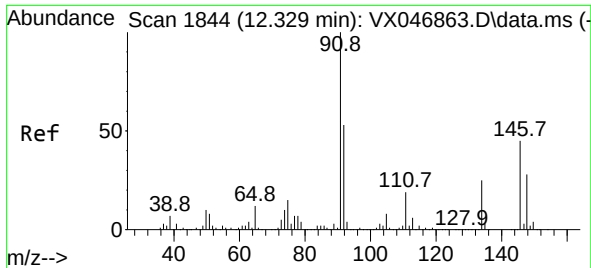
Ion Ratio Lower Upper

146 100

111 39.9 20.2 60.5

148 64.0 32.4 97.0





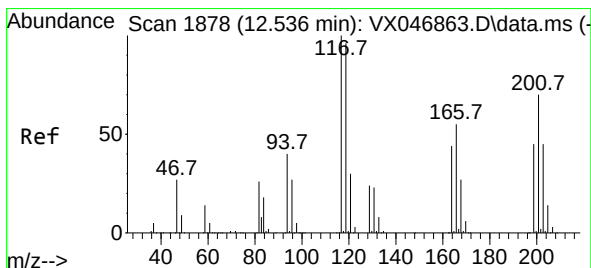
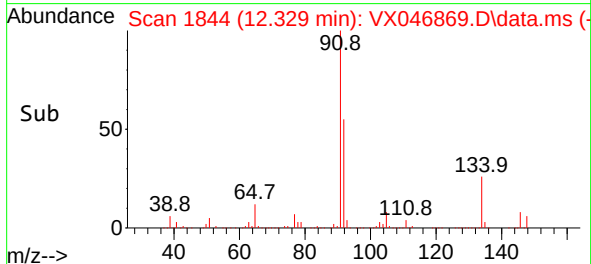
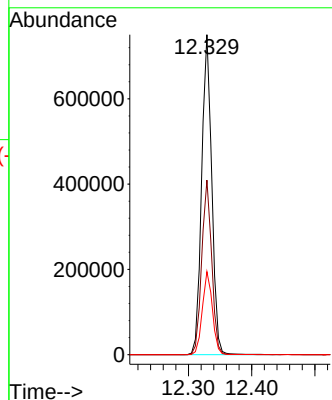
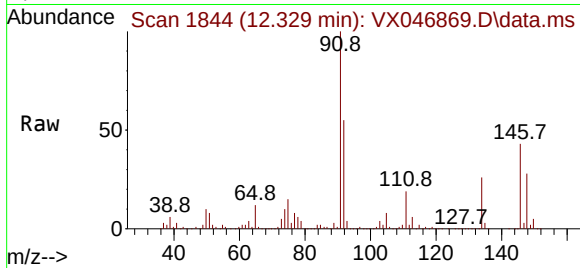
#89
n-Butylbenzene
Concen: 49.557 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 83491
Ion Ratio Lower Upper
91 100
92 53.9 27.0 81.0
134 25.8 12.8 38.4

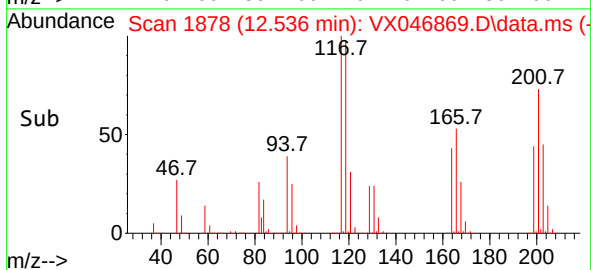
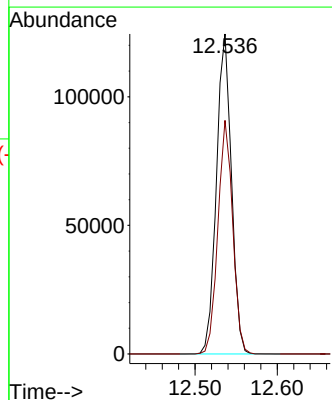
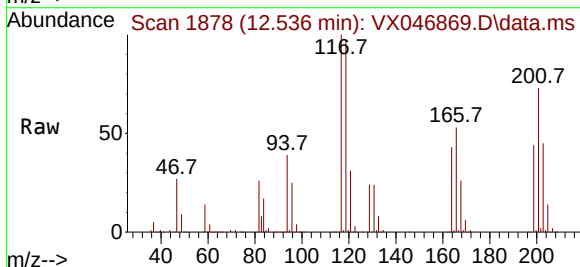
Manual Integrations
APPROVED

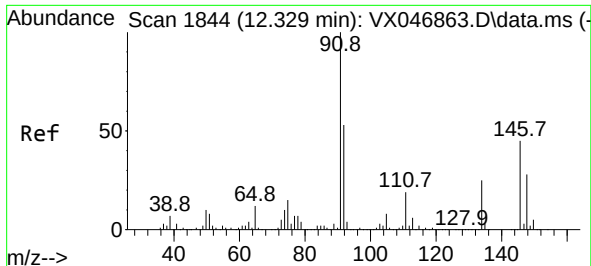
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#90
Hexachloroethane
Concen: 49.664 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

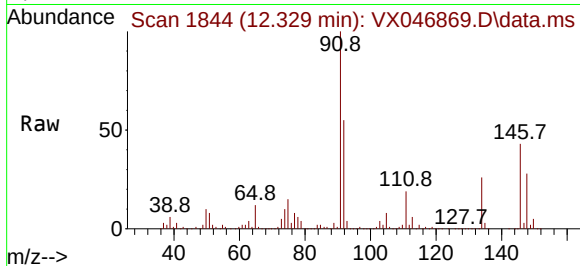
Tgt Ion:117 Resp: 157858
Ion Ratio Lower Upper
117 100
201 71.9 35.8 107.4





#91
1,2-Dichlorobenzene
Concen: 47.511 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

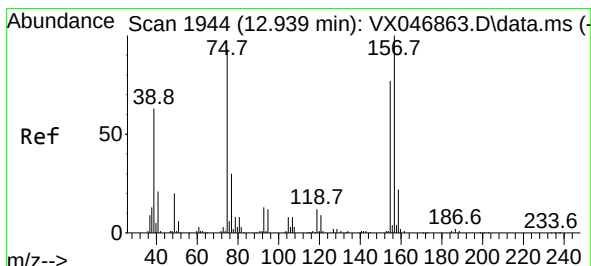
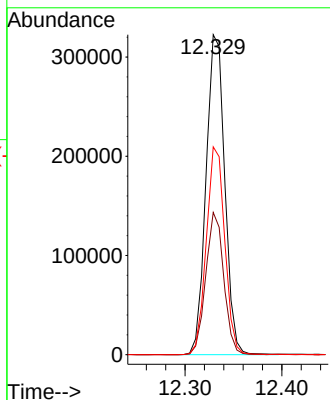
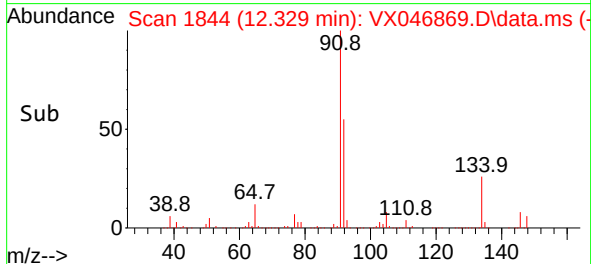
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



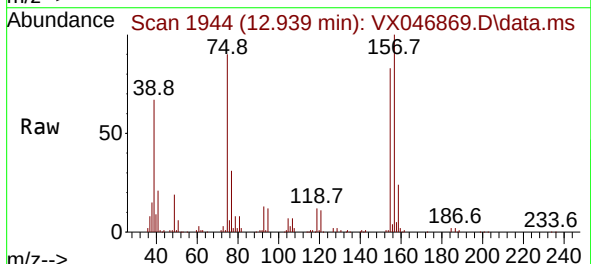
Tgt Ion:146 Resp: 434008
Ion Ratio Lower Upper
146 100
111 43.0 21.1 63.1
148 64.1 31.6 95.0

Manual Integrations
APPROVED

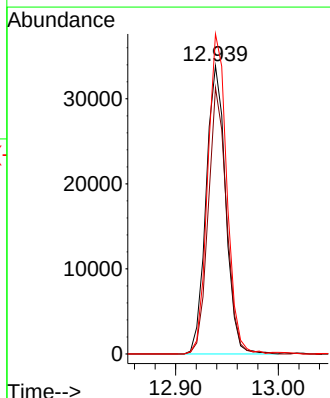
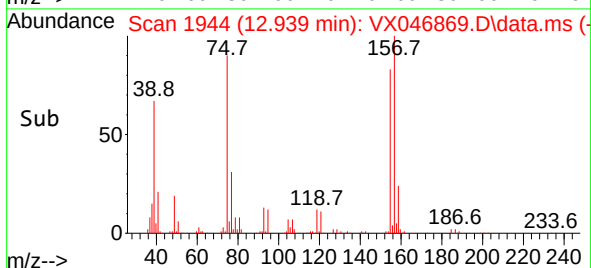
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

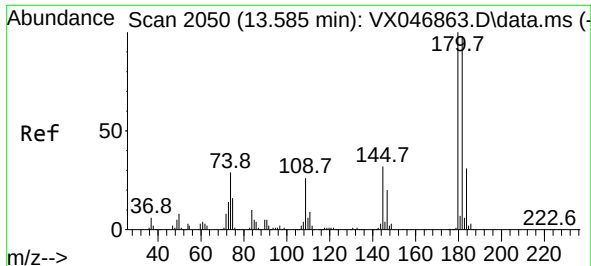


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.166 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19



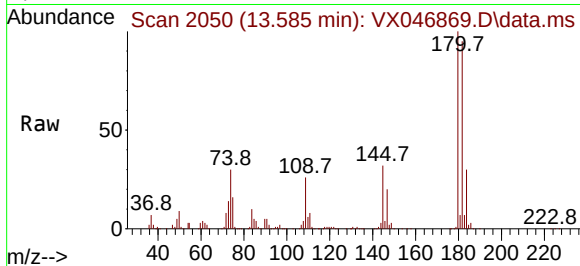
Tgt Ion: 75 Resp: 44929
Ion Ratio Lower Upper
75 100
155 86.2 43.1 129.4
157 108.4 56.5 169.5





#93
1,2,4-Trichlorobenzene
Concen: 48.882 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19

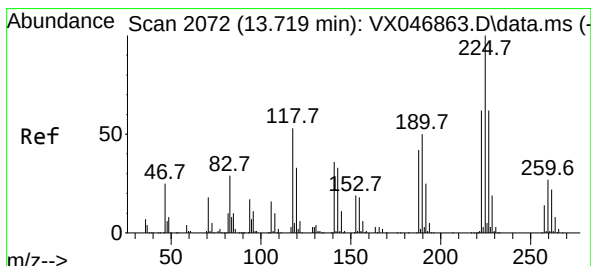
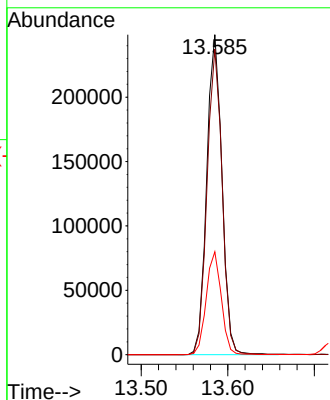
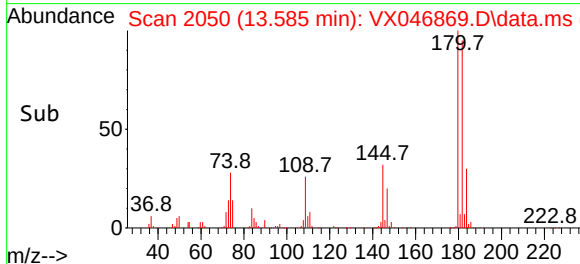
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



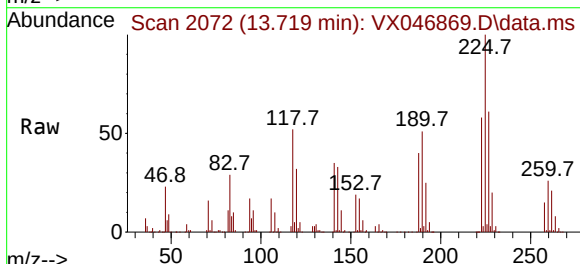
Tgt Ion:180 Resp: 303352
Ion Ratio Lower Upper
180 100
182 94.6 47.3 141.9
145 31.9 16.1 48.2

Manual Integrations
APPROVED

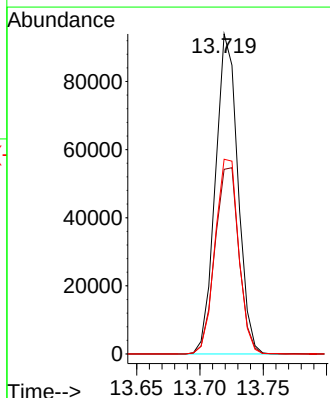
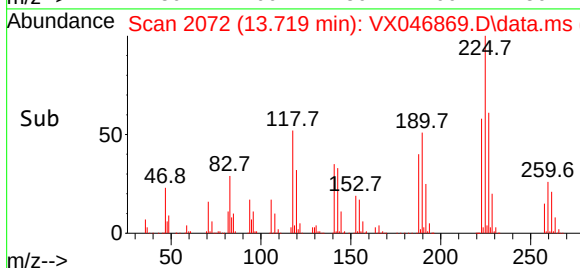
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

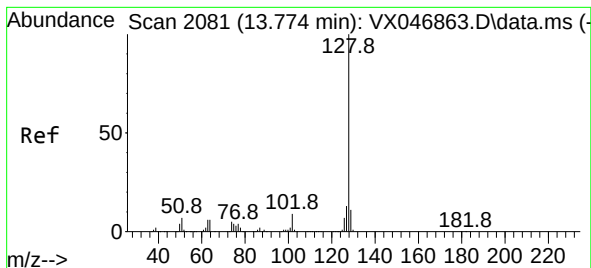


#94
Hexachlorobutadiene
Concen: 49.508 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VX046869.D
Acq: 03 Jul 2025 08:19



Tgt Ion:225 Resp: 115868
Ion Ratio Lower Upper
225 100
223 62.4 31.6 94.7
227 63.9 31.6 94.7





#95

Naphthalene

Concen: 49.820 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX046869.D

Acq: 03 Jul 2025 08:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

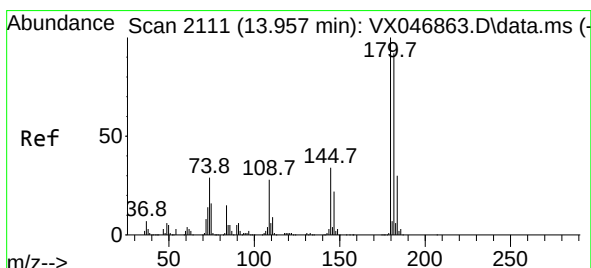
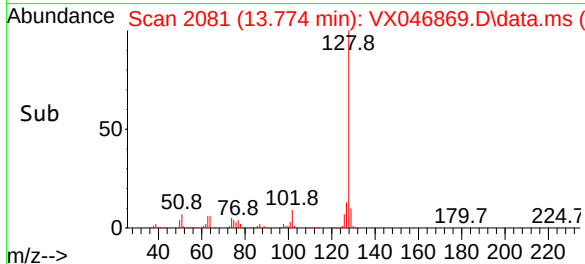
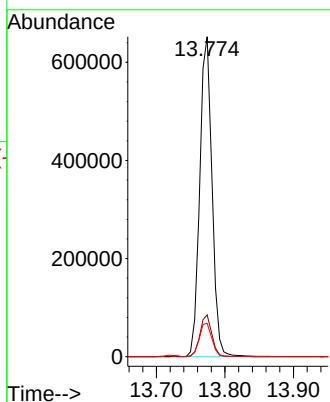
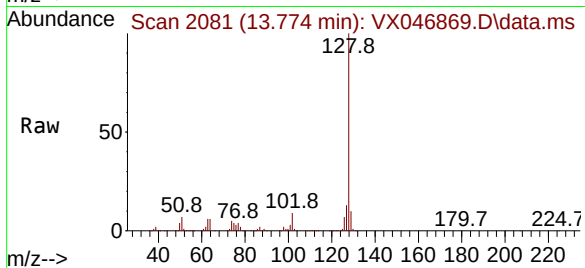
Tgt Ion:	128	Resp:	814689
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	10.7	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#96

1,2,3-Trichlorobenzene

Concen: 48.629 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX046869.D

Acq: 03 Jul 2025 08:19

Tgt Ion:	180	Resp:	285145
Ion Ratio	Lower	Upper	
180	100		
182	96.1	46.7	140.1
145	34.1	16.8	50.3

