

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047719.D
 Acq On : 23 Sep 2025 09:02
 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 09/24/2025
 Supervised By : Mahesh Dadoda 09/26/2025

Quant Time: Sep 24 01:25:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	145672	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	265022	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	235703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	115061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	118904	51.280	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.560%			
35) Dibromofluoromethane	5.367	113	93243	52.461	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.920%			
50) Toluene-d8	8.628	98	318085	51.720	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.440%			
62) 4-Bromofluorobenzene	11.061	95	121543	52.073	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	95620	63.389	ug/l	97
3) Chloromethane	1.300	50	117705	59.371	ug/l	100
4) Vinyl Chloride	1.380	62	117260	60.422	ug/l	100
5) Bromomethane	1.617	94	77247	62.771	ug/l	97
6) Chloroethane	1.697	64	74922	57.762	ug/l	99
7) Trichlorofluoromethane	1.892	101	160825	55.813	ug/l	99
8) Diethyl Ether	2.136	74	67493	57.259	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	94692	56.200	ug/l	99
10) Methyl Iodide	2.453	142	152554	58.055	ug/l	100
11) Tert butyl alcohol	2.940	59	63172	244.621	ug/l	99
12) 1,1-Dichloroethene	2.325	96	98672	57.012	ug/l	97
13) Acrolein	2.233	56	67336	282.952	ug/l	97
14) Allyl chloride	2.666	41	195439	54.723	ug/l	98
15) Acrylonitrile	3.056	53	275014	287.505	ug/l	99
16) Acetone	2.373	43	282461	280.166	ug/l	98
17) Carbon Disulfide	2.514	76	276670	58.393	ug/l	99
18) Methyl Acetate	2.697	43	127158	56.673	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	357198	56.537	ug/l	99
20) Methylene Chloride	2.788	84	121247	56.815	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	107940	57.928	ug/l	96
22) Diisopropyl ether	3.751	45	393344	56.829	ug/l	100
23) Vinyl Acetate	3.709	43	1605465	289.816	ug/l	99
24) 1,1-Dichloroethane	3.605	63	207990	56.537	ug/l	99
25) 2-Butanone	4.532	43	347300	276.163	ug/l	98
26) 2,2-Dichloropropane	4.465	77	167410	54.744	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	131508	57.629	ug/l	98
28) Bromochloromethane	4.879	49	89169	55.520	ug/l	99
29) Tetrahydrofuran	4.983	42	207795	274.666	ug/l	99
30) Chloroform	5.074	83	210287	56.566	ug/l	98
31) Cyclohexane	5.458	56	166413	54.312	ug/l	99
32) 1,1,1-Trichloroethane	5.367	97	176453	55.958	ug/l	99
36) 1,1-Dichloropropene	5.678	75	136661	52.619	ug/l	98
37) Ethyl Acetate	4.696	43	148064	53.244	ug/l	99
38) Carbon Tetrachloride	5.666	117	148597	52.659	ug/l	96
39) Methylcyclohexane	7.360	83	158624	53.805	ug/l	99
40) Benzene	6.019	78	436446	55.328	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.897	41	78988	55.020	ug/l	99
42) 1,2-Dichloroethane	6.068	62	160490	53.472	ug/l	99
43) Isopropyl Acetate	6.318	43	246709	54.094	ug/l	100
44) Trichloroethene	7.104	130	106747	55.974	ug/l	93
45) 1,2-Dichloropropane	7.415	63	112815	55.852	ug/l	100
46) Dibromomethane	7.562	93	81231	55.264	ug/l	97
47) Bromodichloromethane	7.805	83	168096	55.419	ug/l	98
48) Methyl methacrylate	7.671	41	121390	53.434	ug/l	97
49) 1,4-Dioxane	7.641	88	28790	1254.001	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	695707	275.127	ug/l	100
52) Toluene	8.702	92	269293	55.411	ug/l	98
53) t-1,3-Dichloropropene	8.958	75	174332	56.347	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	186621	56.434	ug/l	99
55) 1,1,2-Trichloroethane	9.134	97	104009	55.502	ug/l	99
56) Ethyl methacrylate	9.098	69	167018	56.751	ug/l	97
57) 1,3-Dichloropropane	9.293	76	182551	56.707	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	389211	274.956	ug/l	100
59) 2-Hexanone	9.415	43	495514	272.845	ug/l	99
60) Dibromochloromethane	9.506	129	123071	56.997	ug/l	98
61) 1,2-Dibromoethane	9.592	107	108549	56.870	ug/l	99
64) Tetrachloroethene	9.256	164	83230	54.167	ug/l	98
65) Chlorobenzene	10.061	112	293695	54.848	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.146	131	103750	56.149	ug/l	100
67) Ethyl Benzene	10.177	91	506854	54.859	ug/l	100
68) m/p-Xylenes	10.287	106	380464	110.636	ug/l	99
69) o-Xylene	10.622	106	186157	55.967	ug/l	99
70) Styrene	10.640	104	325724	55.888	ug/l	99
71) Bromoform	10.780	173	78229	56.699	ug/l #	99
73) Isopropylbenzene	10.945	105	468503	53.558	ug/l	99
74) N-amyl acetate	10.823	43	216957	54.388	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	144143	54.463	ug/l	98
76) 1,2,3-Trichloropropane	11.219	75	113886m	48.886	ug/l	
77) Bromobenzene	11.183	156	118485	54.994	ug/l	96
78) n-propylbenzene	11.286	91	557613	53.923	ug/l	99
79) 2-Chlorotoluene	11.347	91	337904	53.352	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	387138	53.867	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	48023	52.569	ug/l	97
82) 4-Chlorotoluene	11.433	91	396717	53.035	ug/l	99
83) tert-Butylbenzene	11.695	119	390632	53.095	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	394502	54.142	ug/l	100
85) sec-Butylbenzene	11.872	105	468381	53.598	ug/l	100
86) p-Isopropyltoluene	11.988	119	395524	53.461	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	217150	54.263	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	217807	53.031	ug/l	99
89) n-Butylbenzene	12.311	91	364819	53.292	ug/l	99
90) Hexachloroethane	12.518	117	70085	53.956	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	210035	55.091	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	27679	51.656	ug/l	92
93) 1,2,4-Trichlorobenzene	13.567	180	132366	53.421	ug/l	98
94) Hexachlorobutadiene	13.707	225	44561	52.946	ug/l	99
95) Naphthalene	13.756	128	405500	53.744	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	126908	55.060	ug/l	98

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ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 09/26/2025

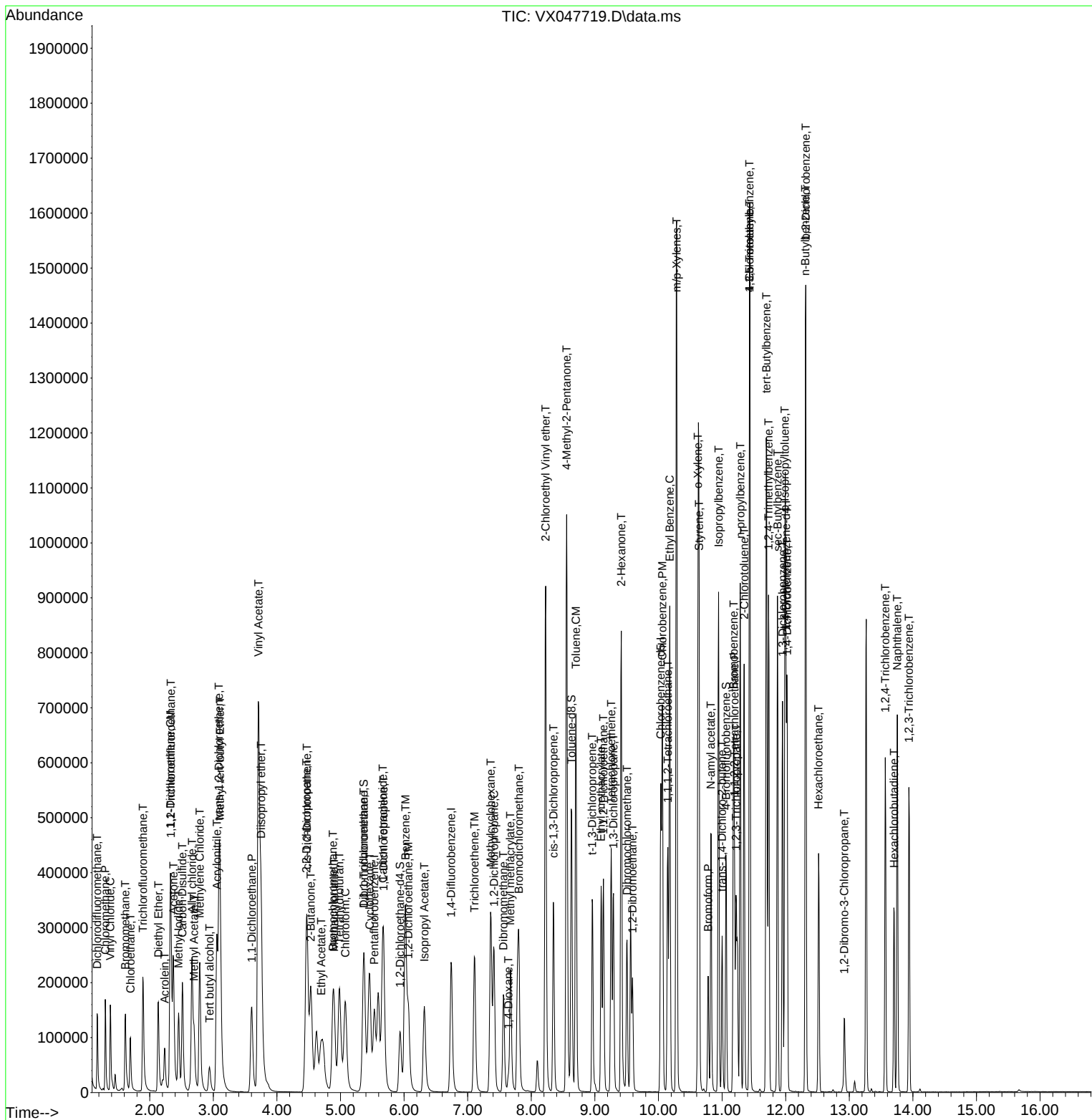
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QLast Update : Wed Sep 17 06:39:58 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

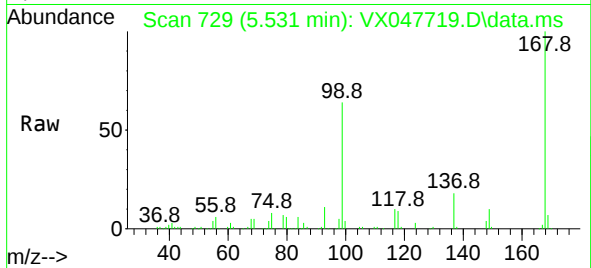
Quant Time: Sep 24 01:25:05 2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

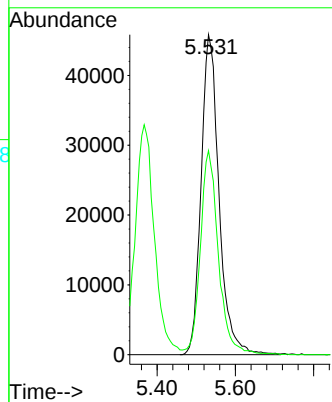
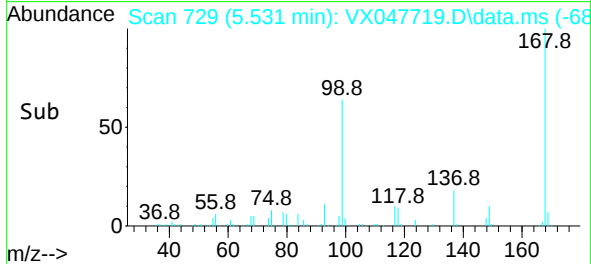
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 145672
Ion Ratio Lower Upper
168 100
99 63.8 48.8 73.2

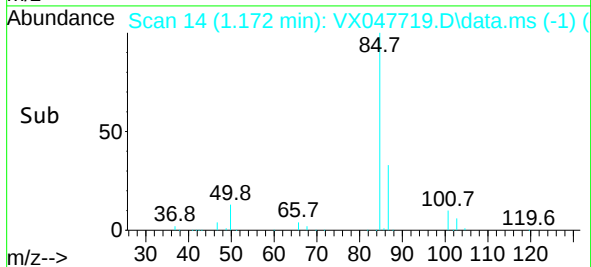
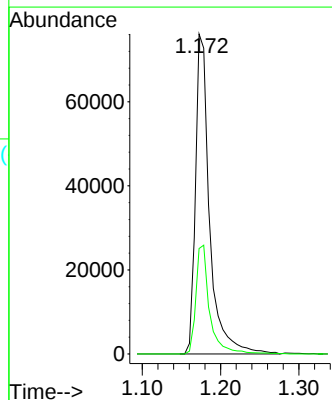
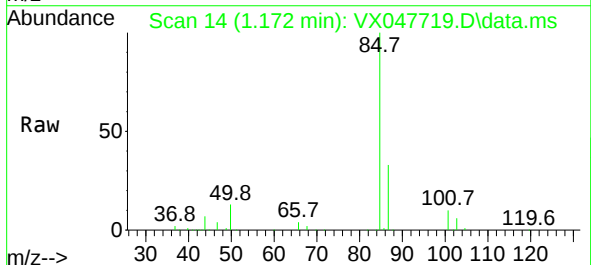
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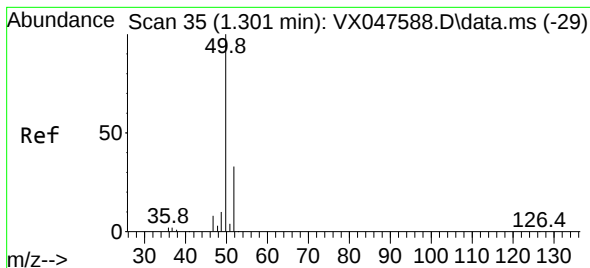
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#2
Dichlorodifluoromethane
Concen: 63.389 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

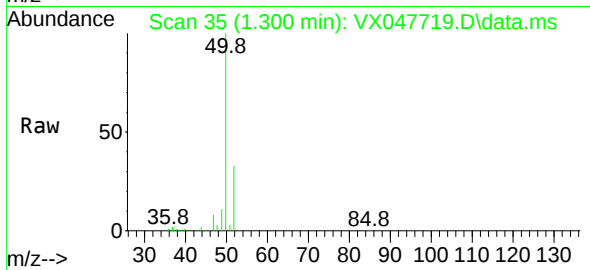
Tgt Ion: 85 Resp: 95620
Ion Ratio Lower Upper
85 100
87 32.9 15.8 47.3





#3
Chloromethane
Concen: 59.371 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

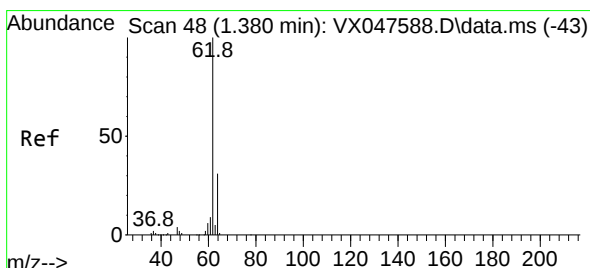
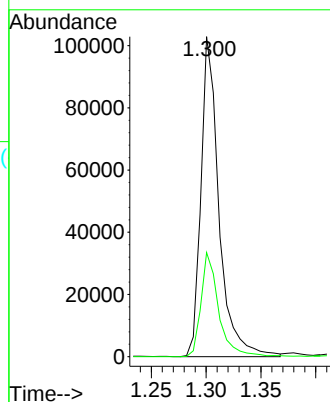
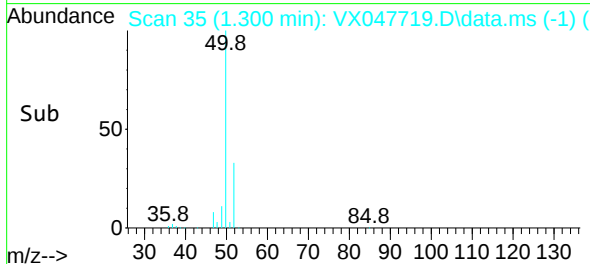
Instrument :
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VSTDCCC050



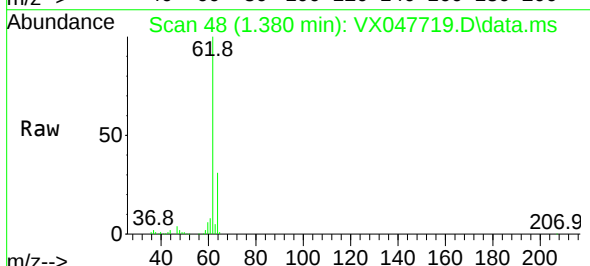
Tgt Ion: 50 Resp: 11770
Ion Ratio Lower Upper
50 100
52 32.6 26.1 39.1

Manual Integrations
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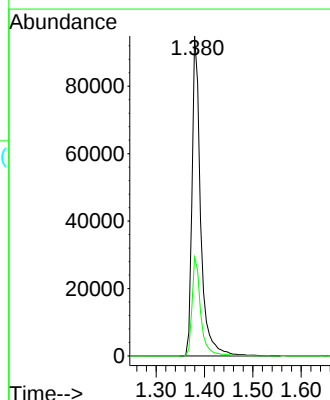
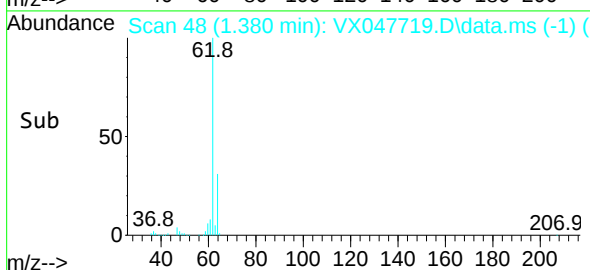
Reviewed By :John Carlone 09/24/2025
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#4
Vinyl Chloride
Concen: 60.422 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02



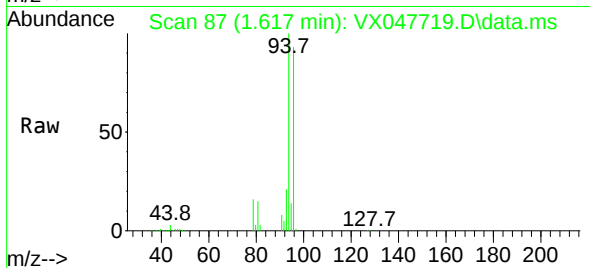
Tgt Ion: 62 Resp: 117260
Ion Ratio Lower Upper
62 100
64 30.8 24.9 37.3





#5
Bromomethane
Concen: 62.771 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

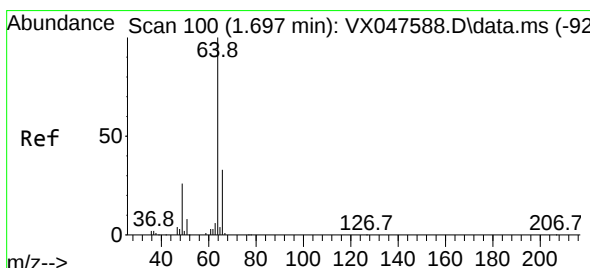
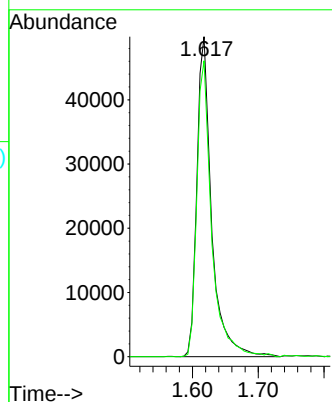
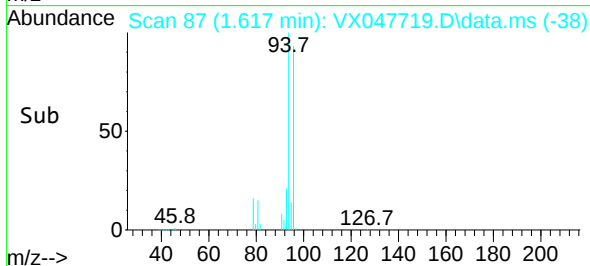
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 7724
Ion Ratio Lower Upper
94 100
96 92.5 76.6 115.0

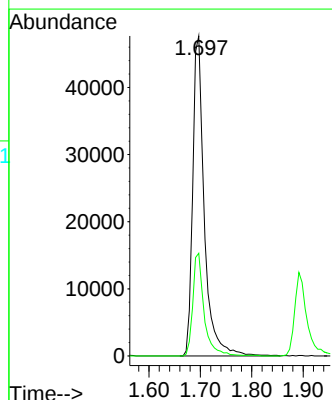
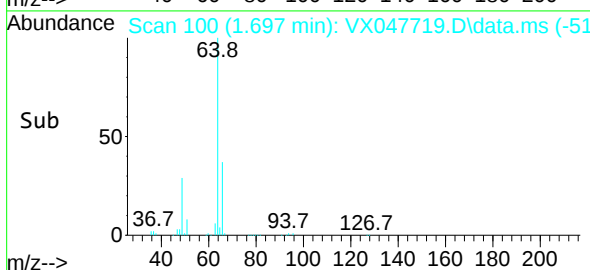
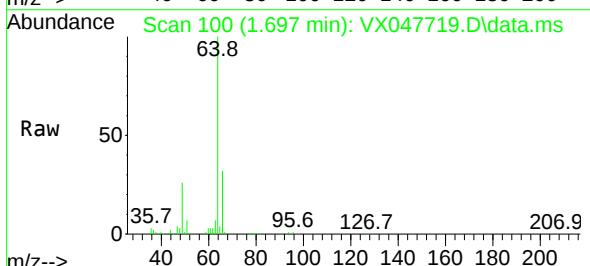
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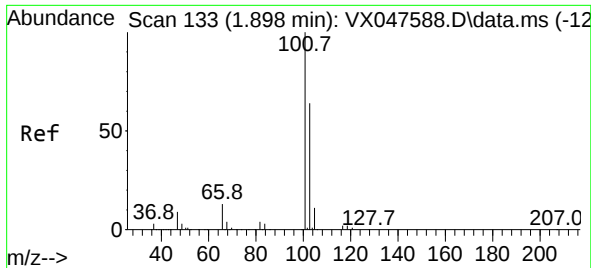
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#6
Chloroethane
Concen: 57.762 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

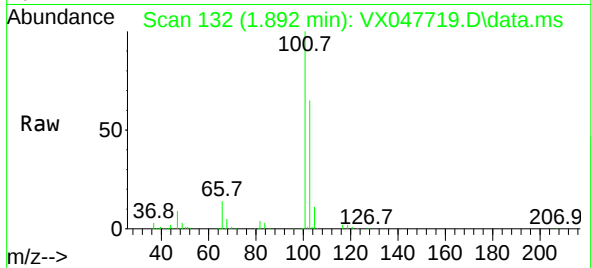
Tgt Ion: 64 Resp: 74922
Ion Ratio Lower Upper
64 100
66 32.1 26.1 39.1





#7
Trichlorofluoromethane
Concen: 55.813 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

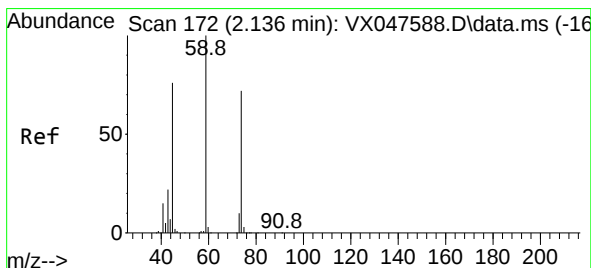
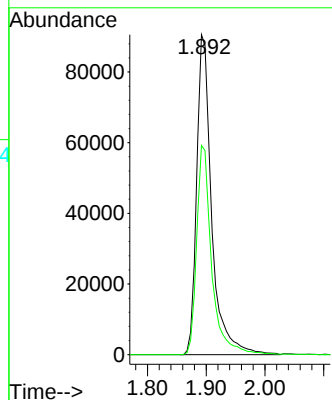
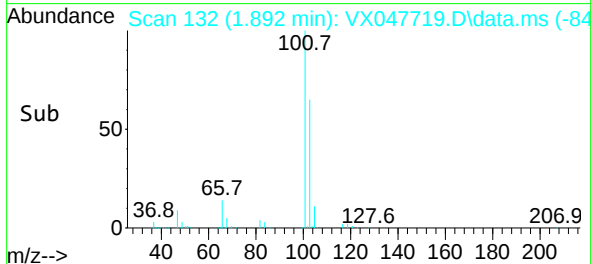
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 160825
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.2

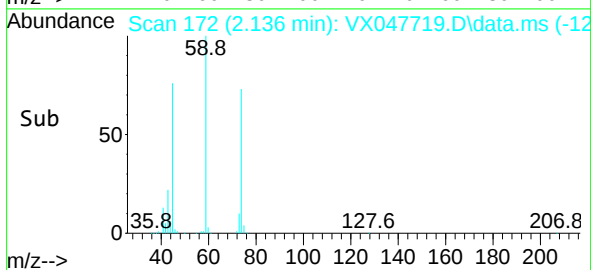
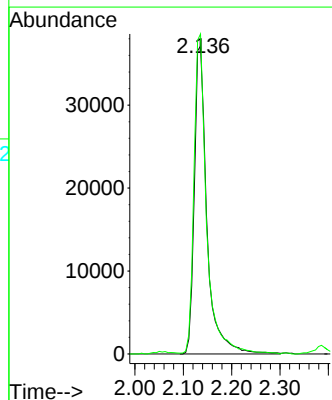
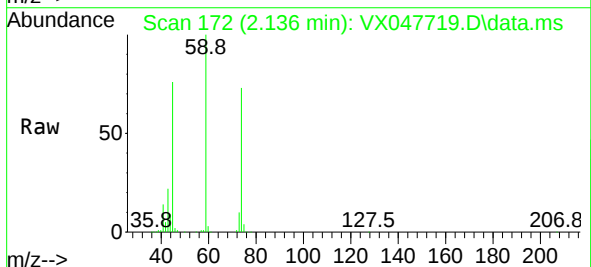
Manual Integrations
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#8
Diethyl Ether
Concen: 57.259 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

Tgt Ion: 74 Resp: 67493
Ion Ratio Lower Upper
74 100
45 104.1 52.3 156.8





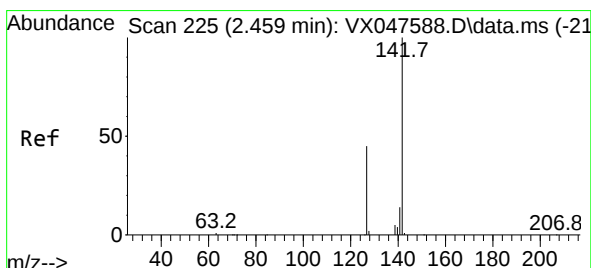
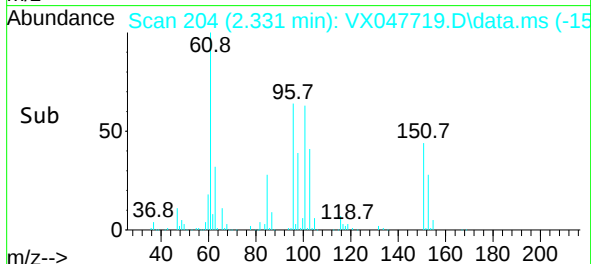
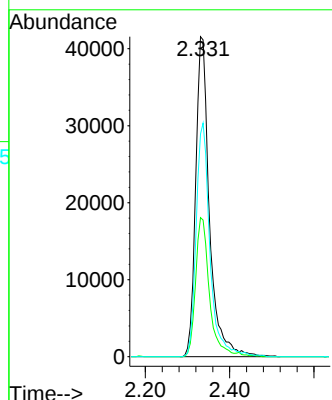
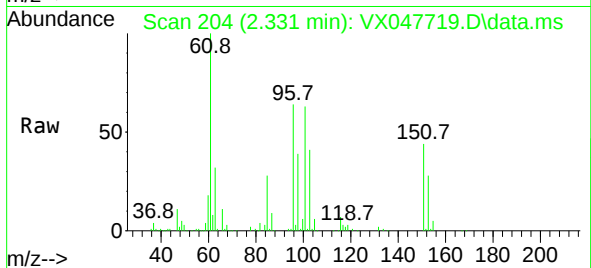
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1,1,2-Trichlorotrifluoroethane
Concen: 56.200 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 94692
Ion Ratio Lower Upper
101 100
85 44.1 35.5 53.3
151 73.5 59.4 89.0

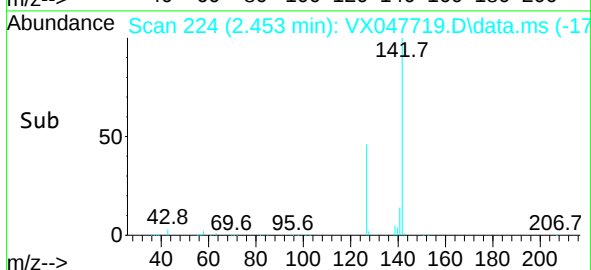
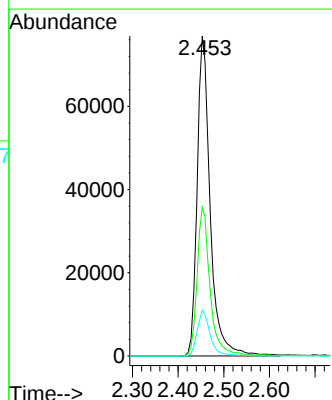
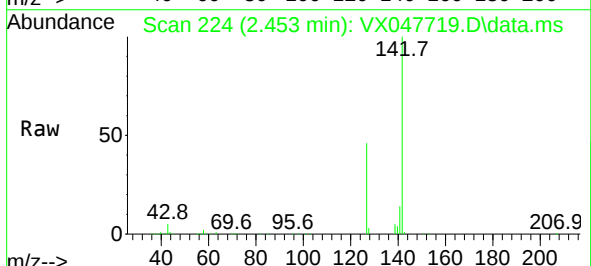
Manual Integrations
APPROVED

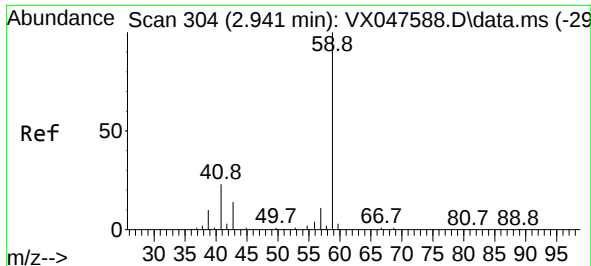
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#10
Methyl Iodide
Concen: 58.055 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

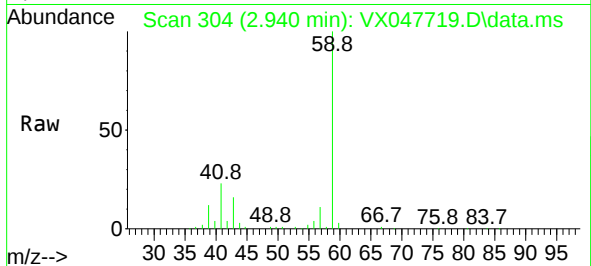
Tgt Ion:142 Resp: 152554
Ion Ratio Lower Upper
142 100
127 46.2 37.2 55.8
141 14.2 11.4 17.0





#11
Tert butyl alcohol
Concen: 244.621 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

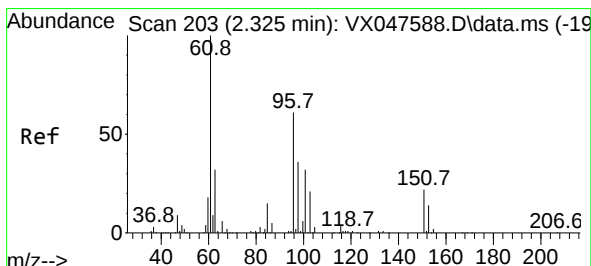
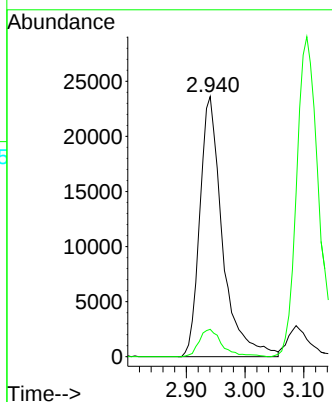
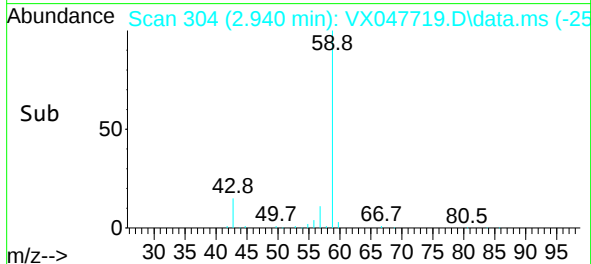
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 63172
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

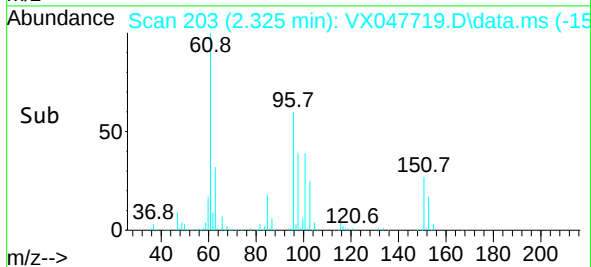
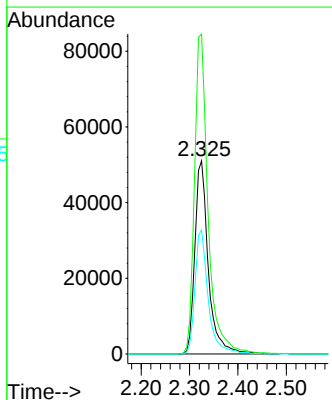
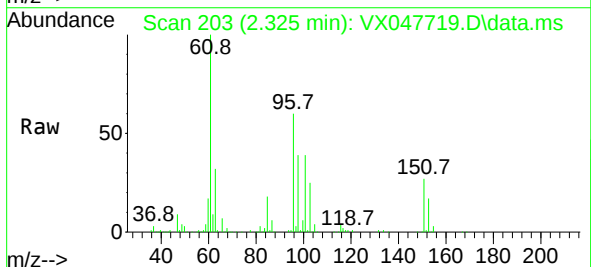
Manual Integrations
APPROVED

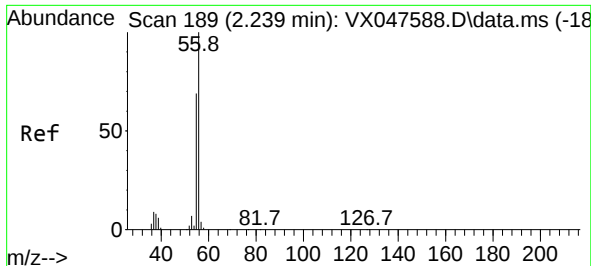
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#12
1,1-Dichloroethene
Concen: 57.012 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

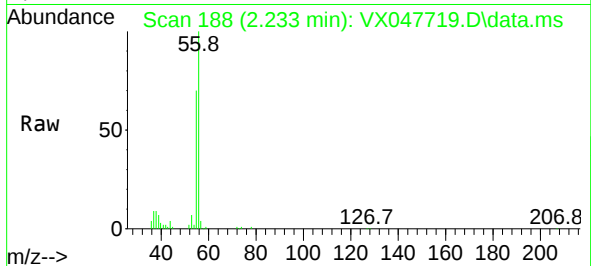
Tgt Ion: 96 Resp: 98672
Ion Ratio Lower Upper
96 100
61 165.6 131.0 196.6
98 64.2 47.7 71.5





#13
Acrolein
Concen: 282.952 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

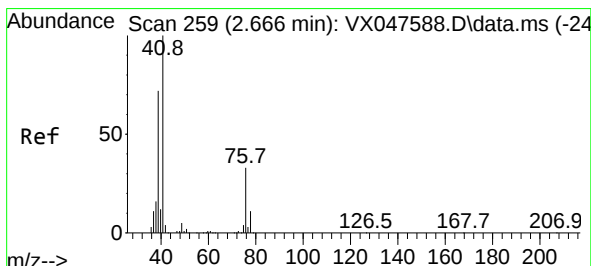
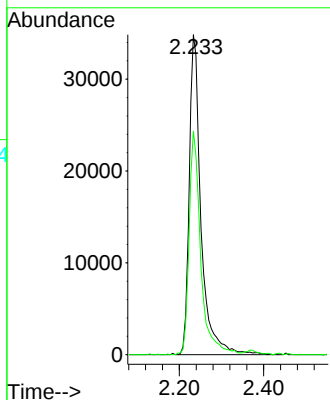
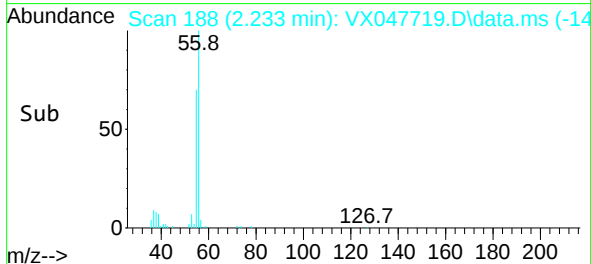
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



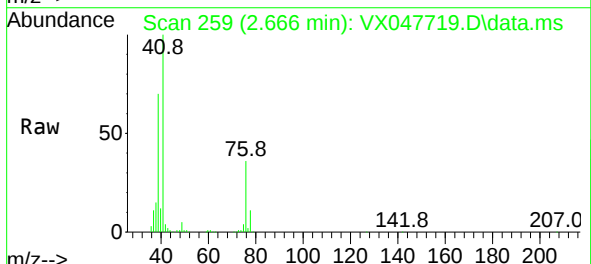
Tgt Ion: 56 Resp: 67336
Ion Ratio Lower Upper
56 100
55 69.0 57.2 85.8

Manual Integrations
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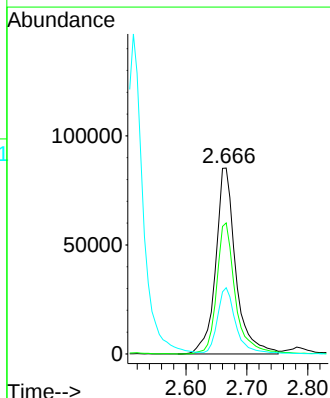
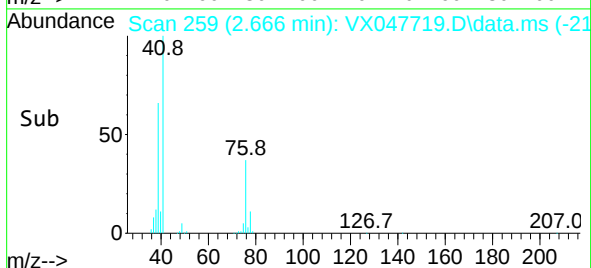
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#14
Allyl chloride
Concen: 54.723 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02



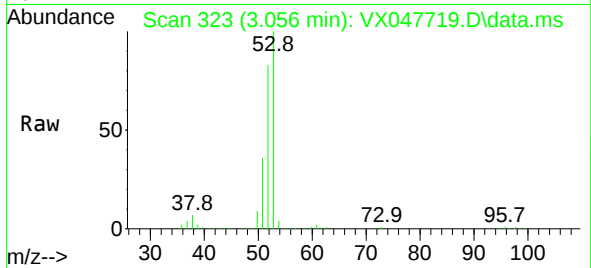
Tgt Ion: 41 Resp: 195439
Ion Ratio Lower Upper
41 100
39 66.1 54.7 82.1
76 32.6 25.7 38.5





#15
Acrylonitrile
Concen: 287.505 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

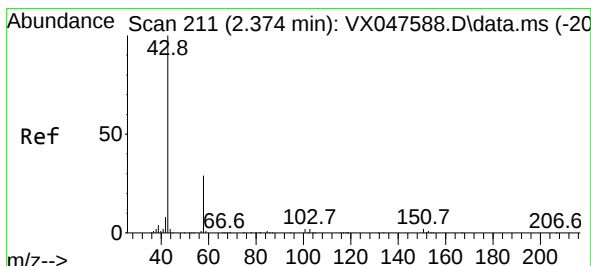
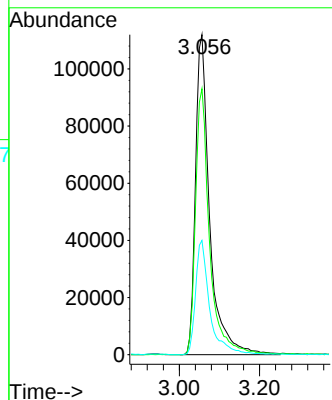
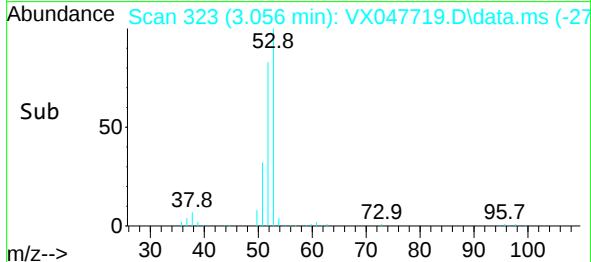
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 275014
Ion Ratio Lower Upper
53 100
52 82.3 66.4 99.6
51 35.8 29.5 44.3

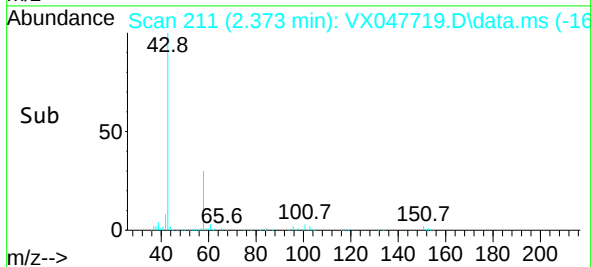
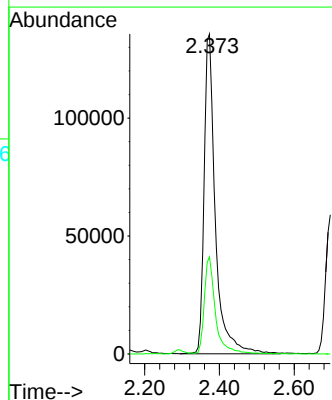
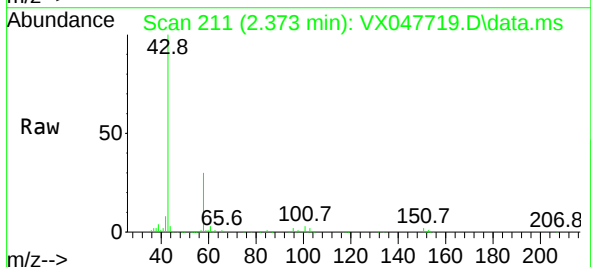
Manual Integrations
APPROVED

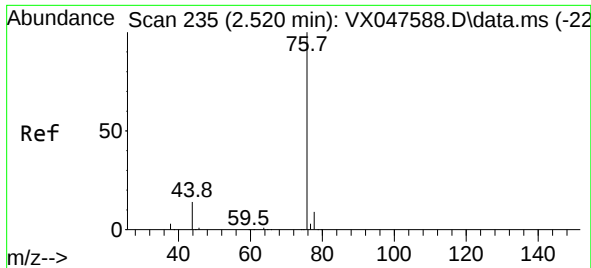
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#16
Acetone
Concen: 280.166 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

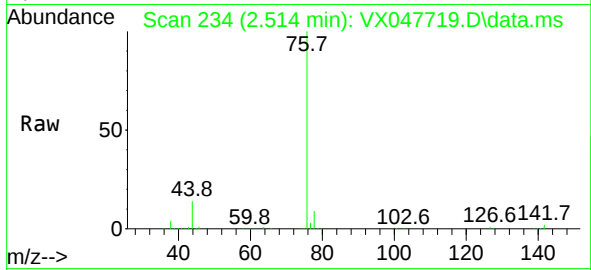
Tgt Ion: 43 Resp: 282461
Ion Ratio Lower Upper
43 100
58 30.4 23.4 35.0





#17
Carbon Disulfide
Concen: 58.393 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

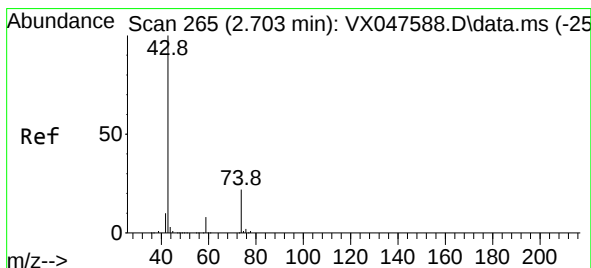
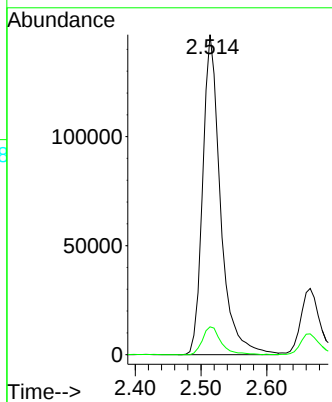
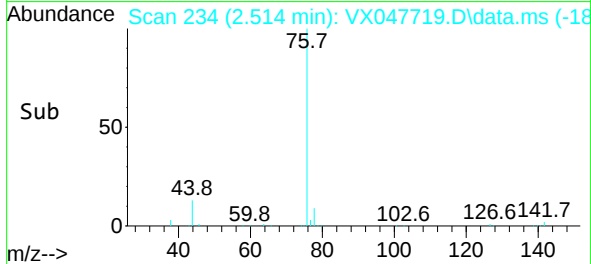
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 276670
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2

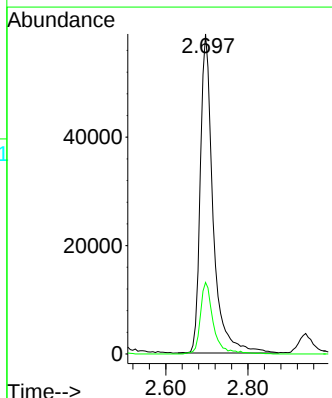
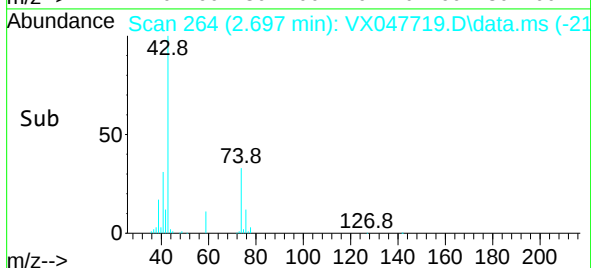
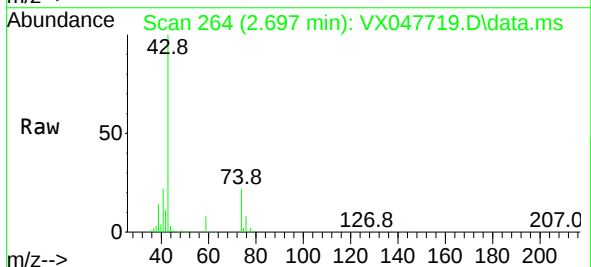
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#18
Methyl Acetate
Concen: 56.673 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

Tgt Ion: 43 Resp: 127158
Ion Ratio Lower Upper
43 100
74 22.7 17.4 26.2





#19

Methyl tert-butyl Ether

Concen: 56.537 ug/l

RT: 3.105 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX047719.D

Acq: 23 Sep 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 357198

Ion Ratio Lower Upper

73 100

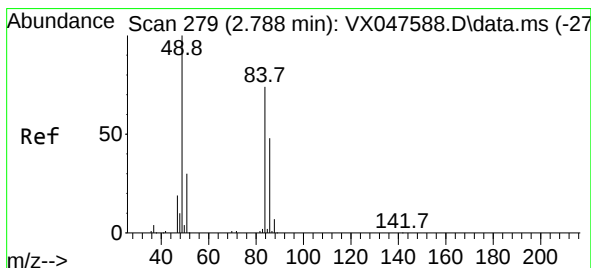
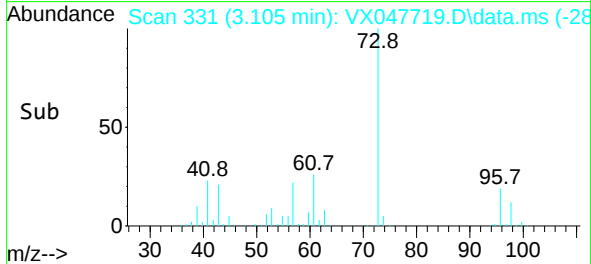
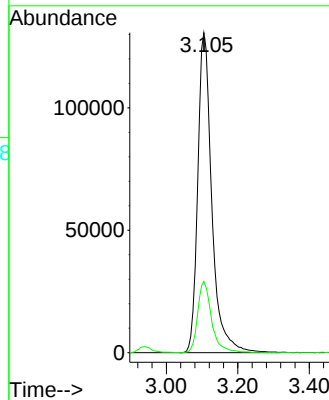
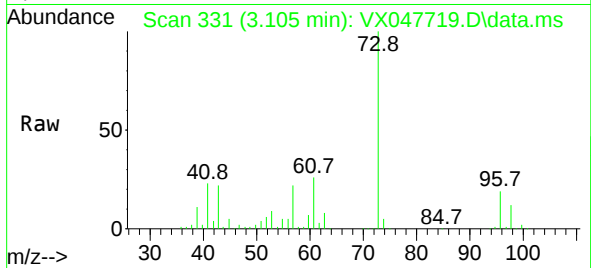
57 22.2 17.4 26.2

Manual Integrations

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Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#20

Methylene Chloride

Concen: 56.815 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX047719.D

Acq: 23 Sep 2025 09:02

Tgt Ion: 84 Resp: 121247

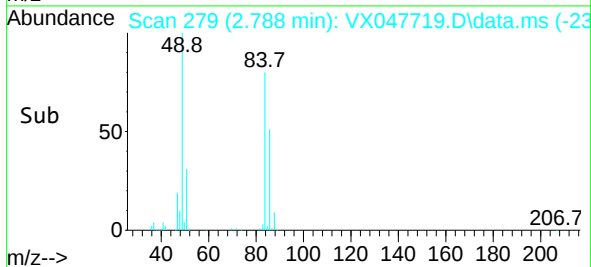
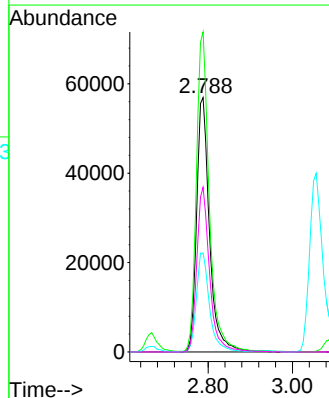
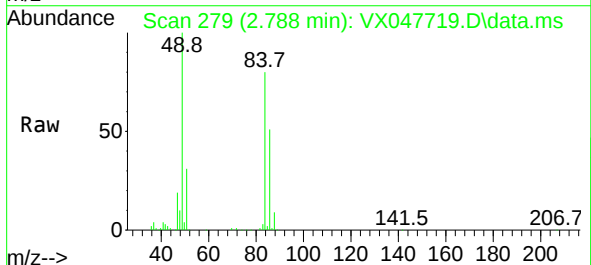
Ion Ratio Lower Upper

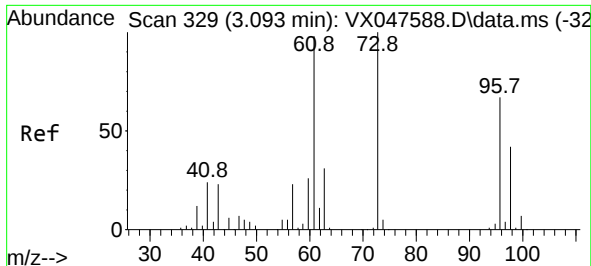
84 100

49 125.5 108.6 162.8

51 38.9 32.6 48.8

86 64.7 52.0 78.0





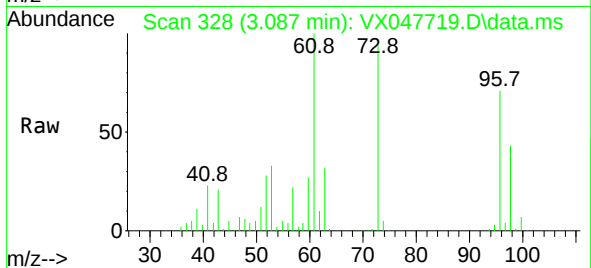
#21
trans-1,2-Dichloroethene
Concen: 57.928 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



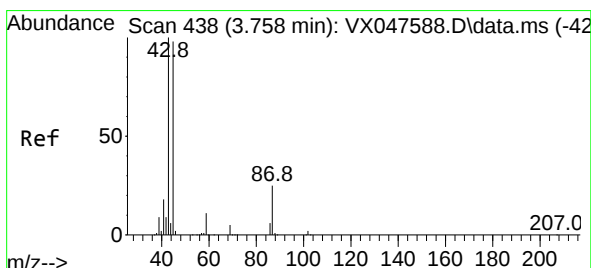
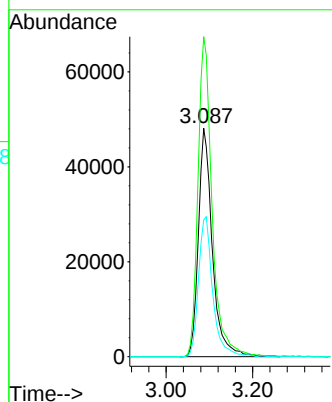
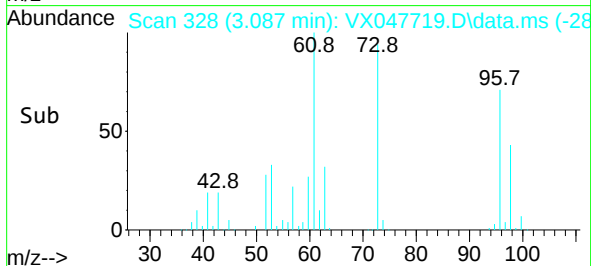
Tgt Ion: 96 Resp: 107940
Ion Ratio Lower Upper
96 100
61 140.0 116.2 174.2
98 59.9 49.3 73.9

Manual Integrations

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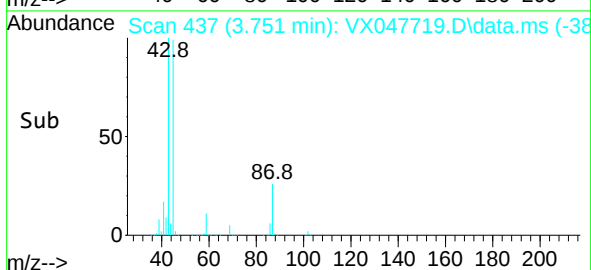
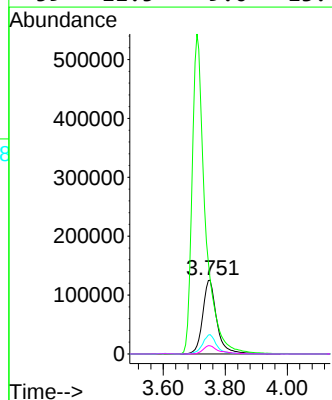
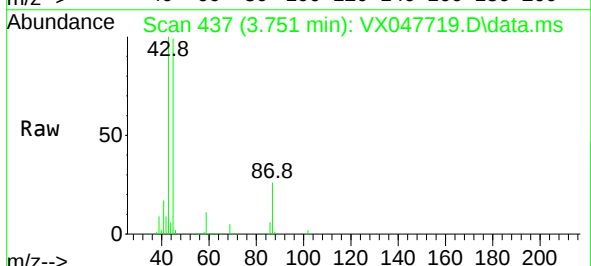
Reviewed By :John Carlone 09/24/2025

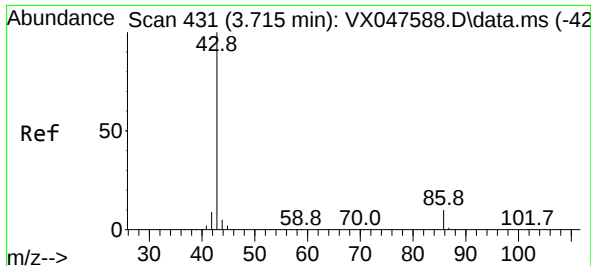
Supervised By :Mahesh Dadoda 09/26/2025



#22
Diisopropyl ether
Concen: 56.829 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

Tgt Ion: 45 Resp: 393344
Ion Ratio Lower Upper
45 100
43 101.4 81.0 121.4
87 26.1 20.3 30.5
59 11.5 9.0 13.4





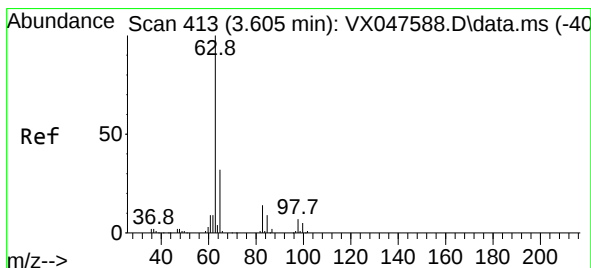
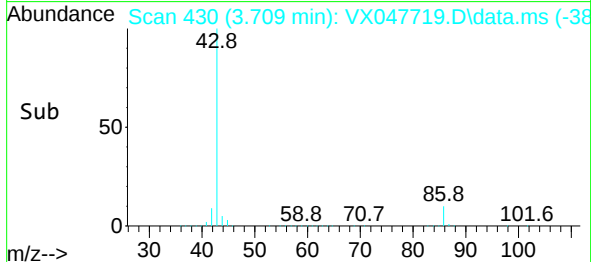
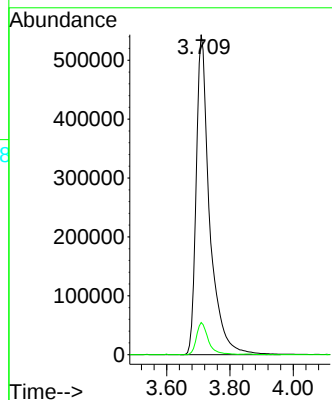
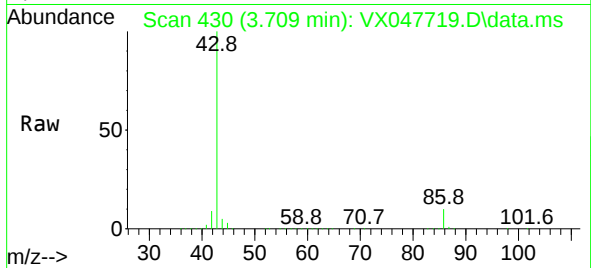
#23
 Vinyl Acetate
 Concen: 289.816 ug/l
 RT: 3.709 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX047719.D
 Acq: 23 Sep 2025 09:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 160546
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.8 11.8

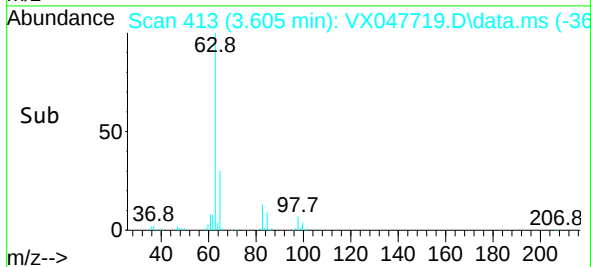
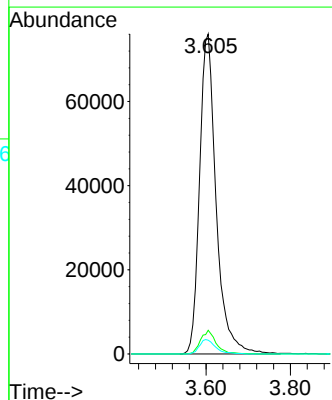
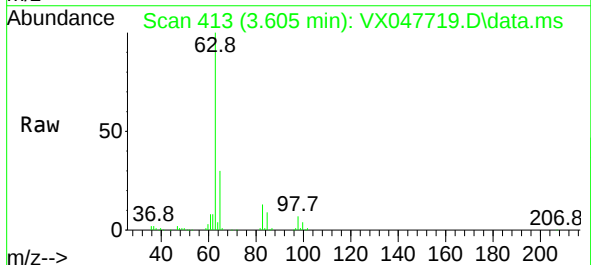
Manual Integrations
 APPROVED

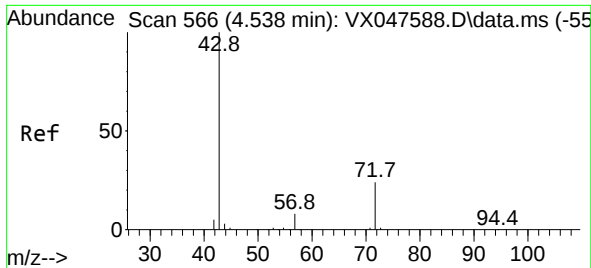
Reviewed By :John Carlone 09/24/2025
 Supervised By :Mahesh Dadoda 09/26/2025



#24
 1,1-Dichloroethane
 Concen: 56.537 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX047719.D
 Acq: 23 Sep 2025 09:02

Tgt Ion: 63 Resp: 207990
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.8 11.2
 100 4.3 2.3 6.9





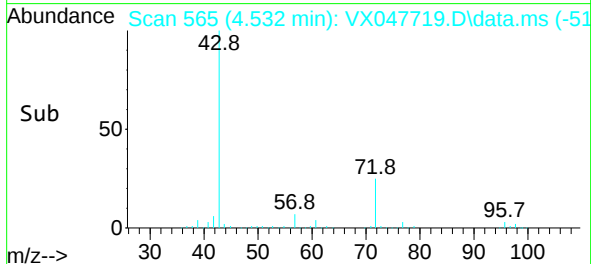
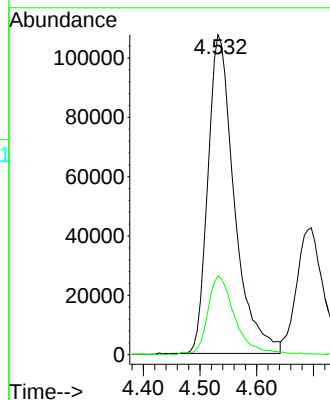
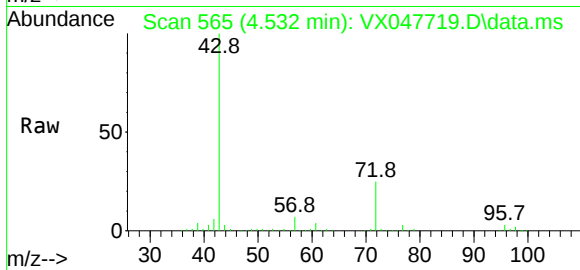
#25
2-Butanone
Concen: 276.163 ug/l
RT: 4.532 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 347300
Ion Ratio Lower Upper
43 100
72 23.9 20.1 30.1

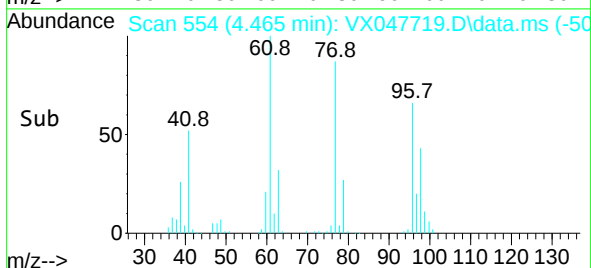
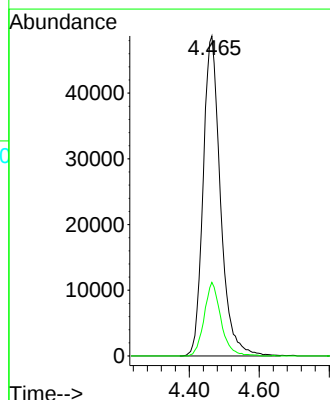
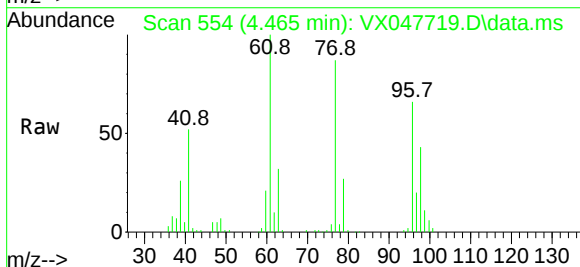
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#26
2,2-Dichloropropane
Concen: 54.744 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

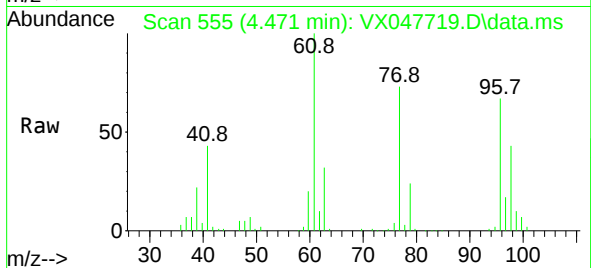
Tgt Ion: 77 Resp: 167410
Ion Ratio Lower Upper
77 100
97 22.3 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 57.629 ug/l
 RT: 4.471 min Scan# 511
 Delta R.T. -0.012 min
 Lab File: VX047719.D
 Acq: 23 Sep 2025 09:02

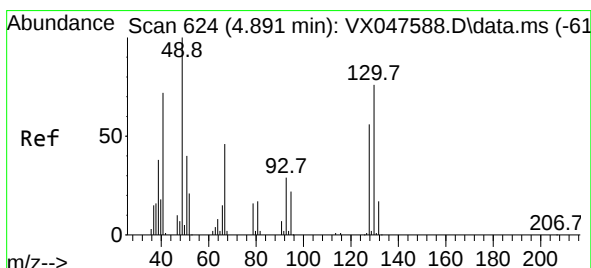
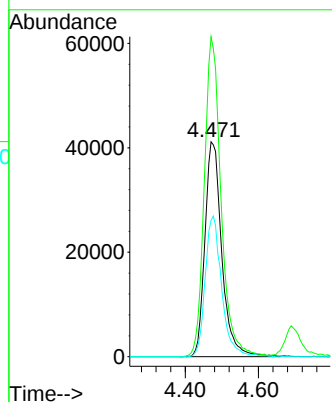
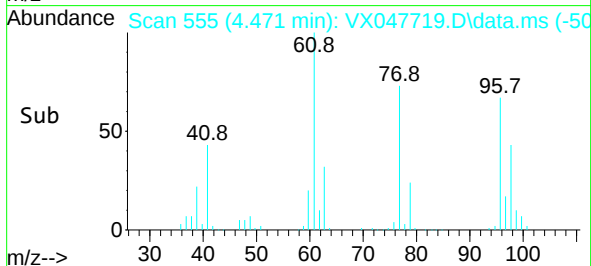
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



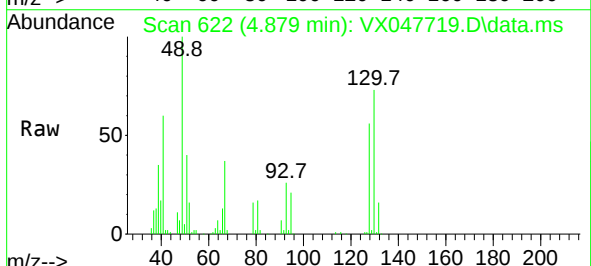
Tgt Ion: 96 Resp: 131508
 Ion Ratio Lower Upper
 96 100
 61 148.0 0.0 303.2
 98 64.1 0.0 127.8

Manual Integrations
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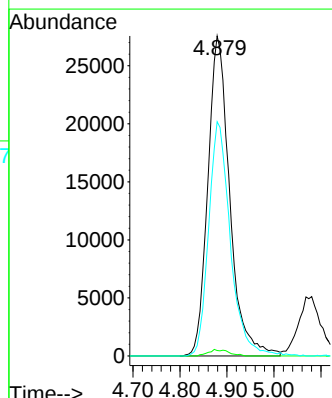
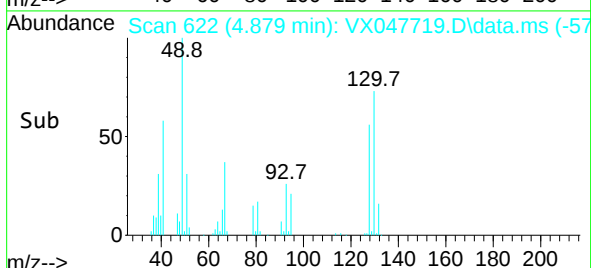
Reviewed By :John Carlone 09/24/2025
 Supervised By :Mahesh Dadoda 09/26/2025

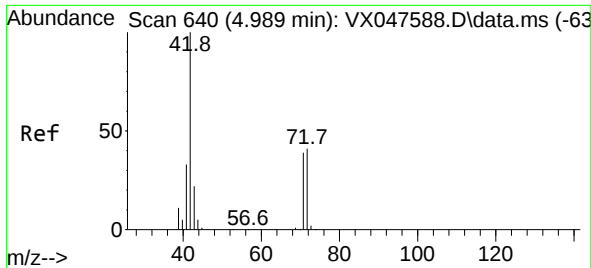


#28
 Bromochloromethane
 Concen: 55.520 ug/l
 RT: 4.879 min Scan# 622
 Delta R.T. -0.012 min
 Lab File: VX047719.D
 Acq: 23 Sep 2025 09:02



Tgt Ion: 49 Resp: 89169
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.2
 130 72.8 57.8 86.8





#29

Tetrahydrofuran

Concen: 274.666 ug/l

RT: 4.983 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX047719.D

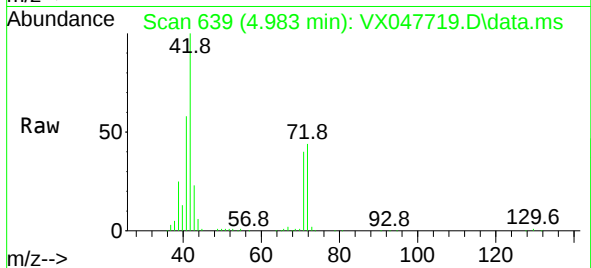
Acq: 23 Sep 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 42 Resp: 20779

Ion Ratio Lower Upper

42 100

72 43.5 34.2 51.2

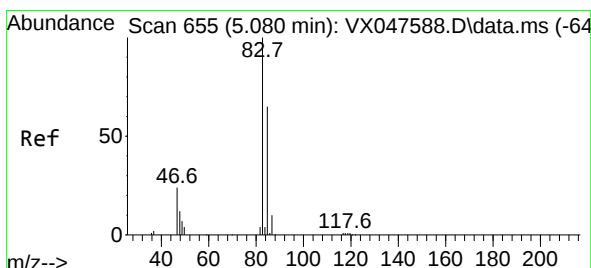
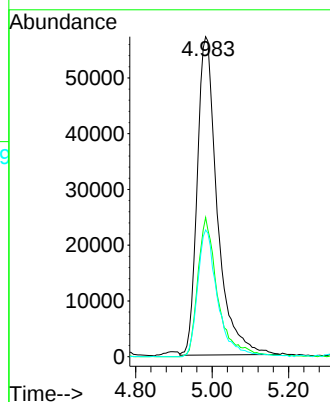
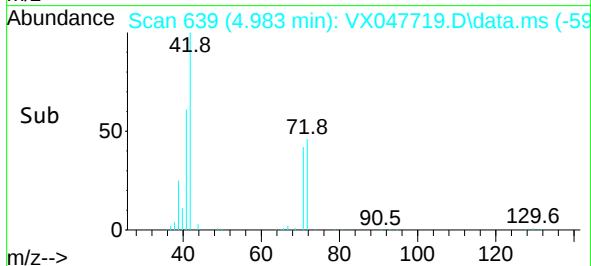
71 40.0 31.9 47.9

Manual Integrations

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Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#30

Chloroform

Concen: 56.566 ug/l

RT: 5.074 min Scan# 654

Delta R.T. -0.006 min

Lab File: VX047719.D

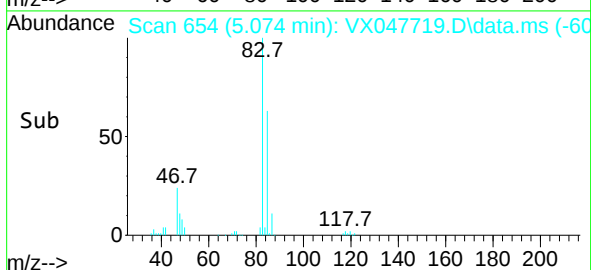
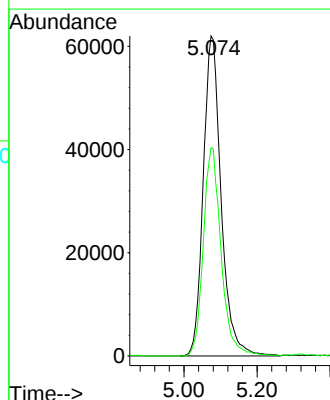
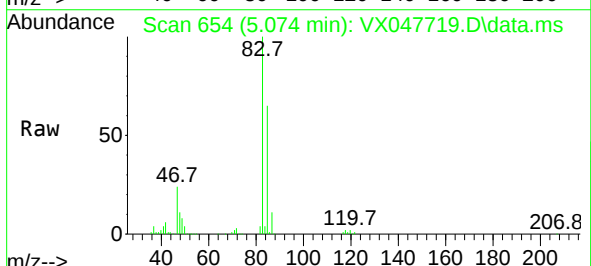
Acq: 23 Sep 2025 09:02

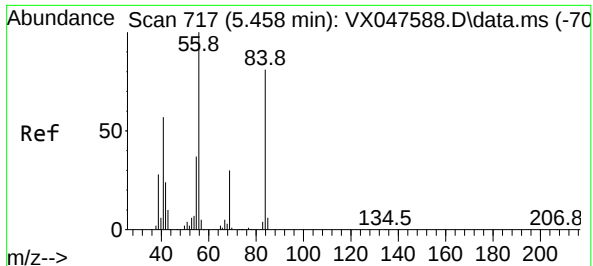
Tgt Ion: 83 Resp: 210287

Ion Ratio Lower Upper

83 100

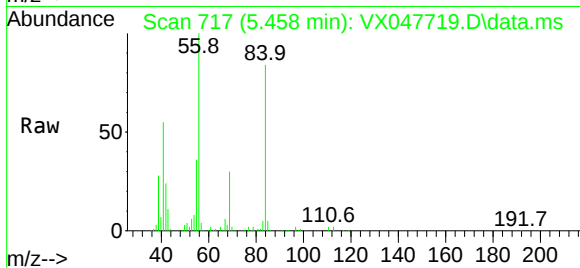
85 66.1 51.8 77.6





#31
Cyclohexane
Concen: 54.312 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

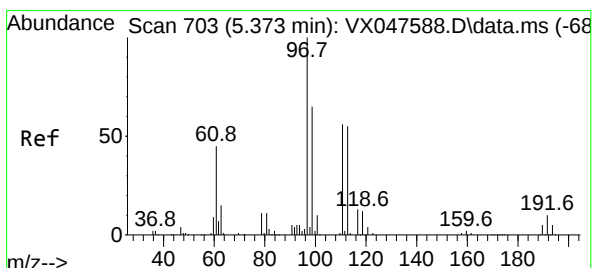
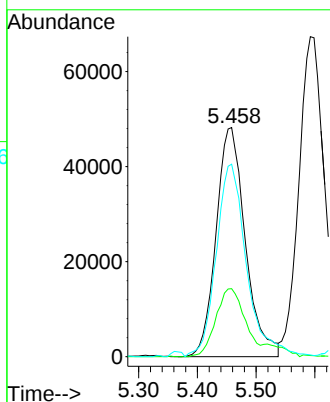
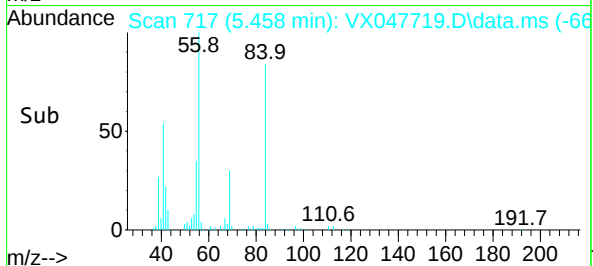
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 16641
Ion Ratio Lower Upper
56 100
69 29.3 23.8 35.8
84 81.9 64.6 97.0

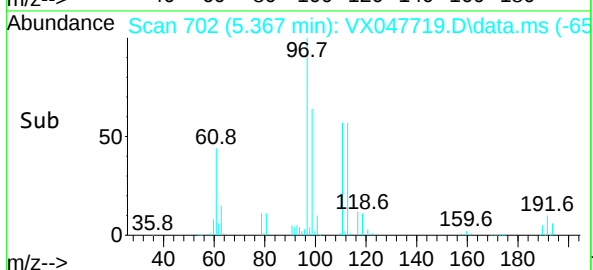
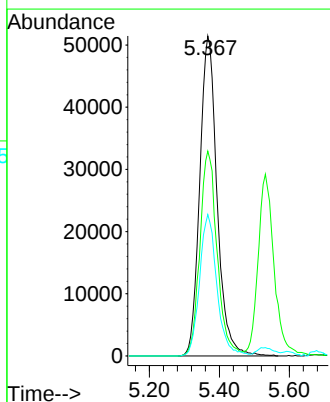
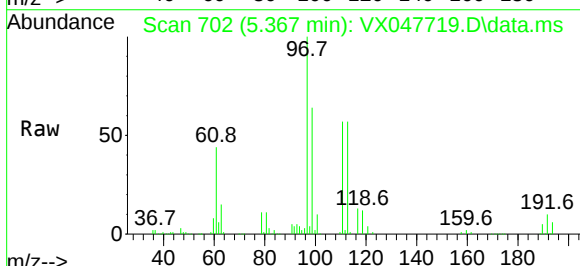
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#32
1,1,1-Trichloroethane
Concen: 55.958 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

Tgt Ion: 97 Resp: 176453
Ion Ratio Lower Upper
97 100
99 63.6 50.6 76.0
61 44.3 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 51.280 ug/l

RT: 5.934 min Scan# 796

Delta R.T. -0.006 min

Lab File: VX047719.D

Acq: 23 Sep 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 118904

Ion Ratio Lower Upper

65 100

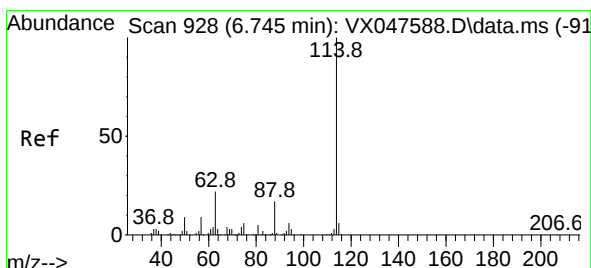
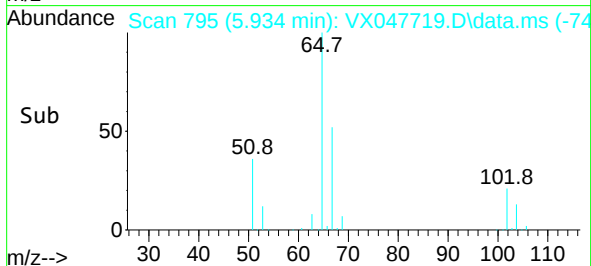
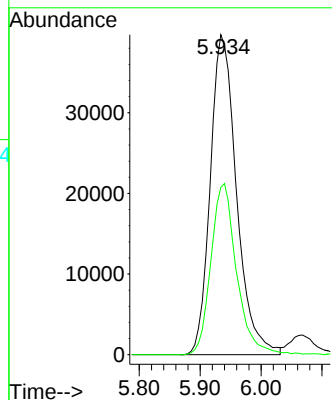
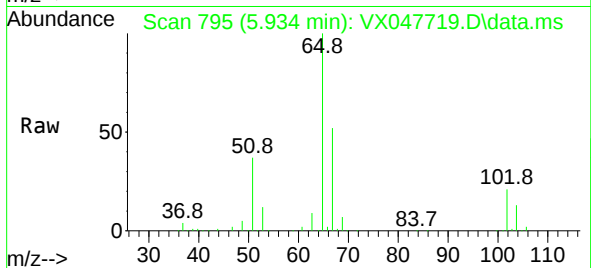
67 52.3 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.739 min Scan# 927

Delta R.T. -0.006 min

Lab File: VX047719.D

Acq: 23 Sep 2025 09:02

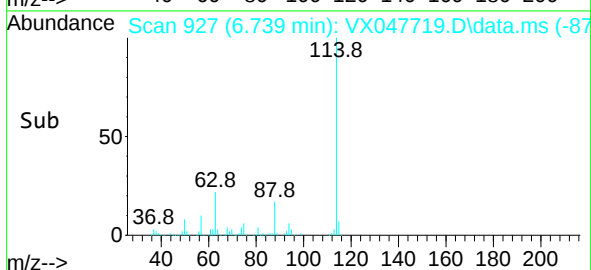
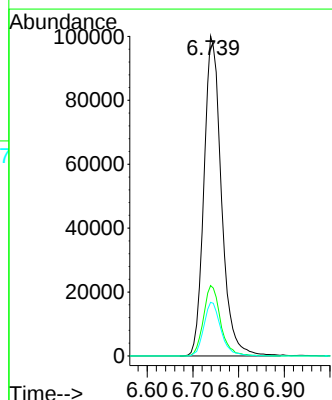
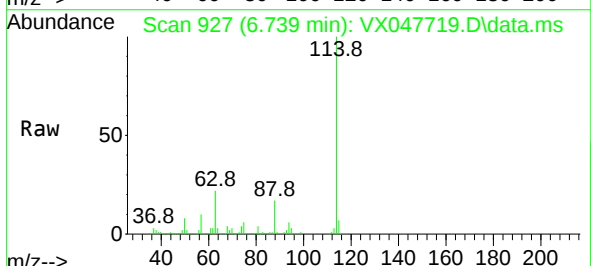
Tgt Ion:114 Resp: 265022

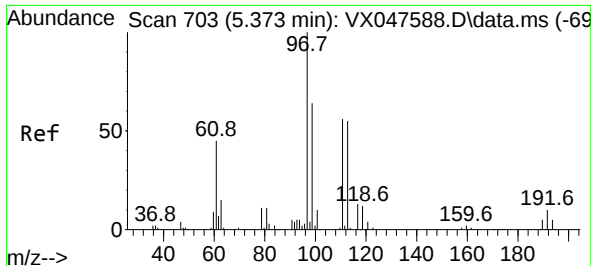
Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.0

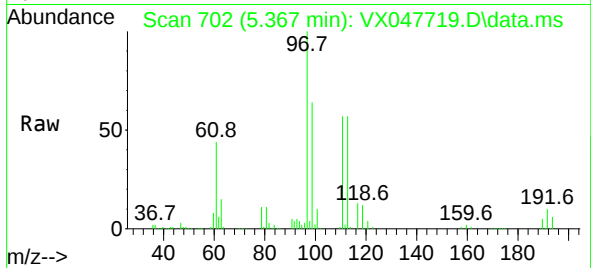
88 16.8 0.0 34.2





#35
Dibromofluoromethane
Concen: 52.461 ug/l
RT: 5.367 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

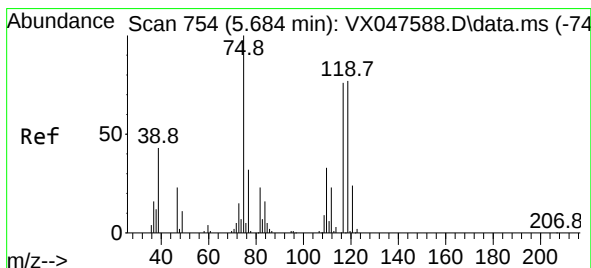
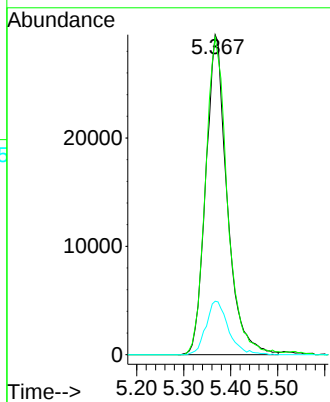
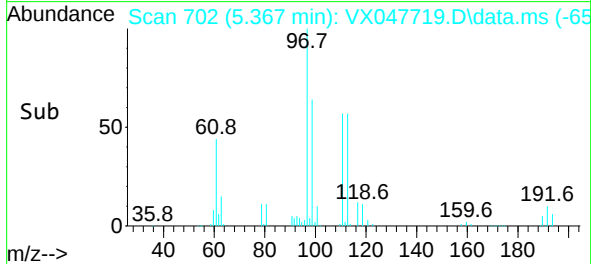
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 9324
Ion Ratio Lower Upper
113 100
111 101.9 80.9 121.3
192 17.5 14.2 21.4

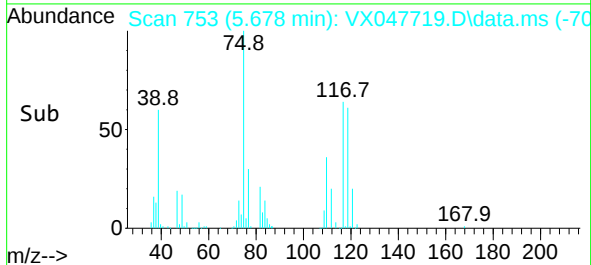
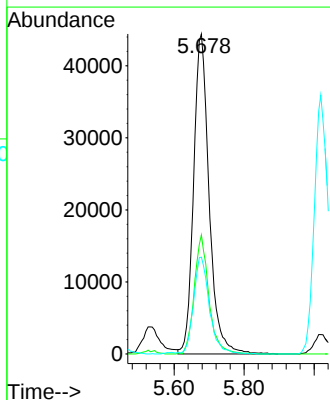
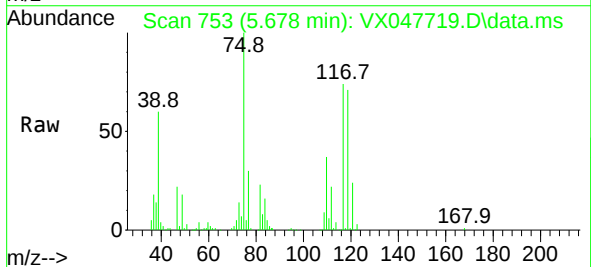
Manual Integrations
APPROVED

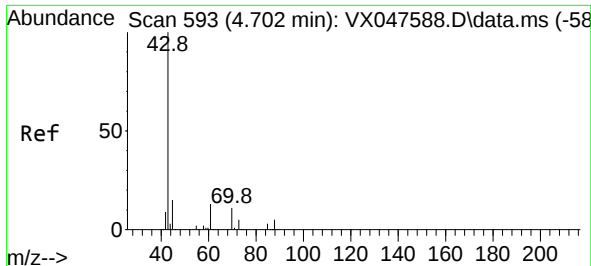
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#36
1,1-Dichloropropene
Concen: 52.619 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

Tgt Ion: 75 Resp: 136661
Ion Ratio Lower Upper
75 100
110 35.1 16.7 50.1
77 30.9 24.3 36.5





#37

Ethyl Acetate

Concen: 53.244 ug/l

RT: 4.696 min Scan# 592

Delta R.T. -0.006 min

Lab File: VX047719.D

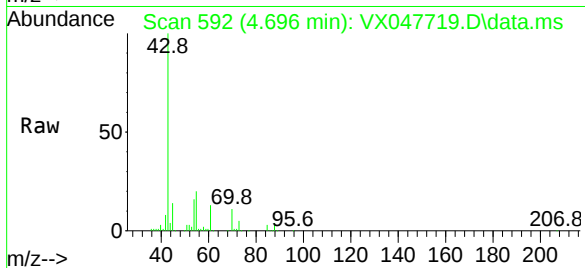
Acq: 23 Sep 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



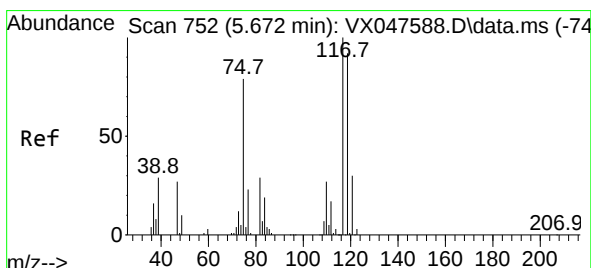
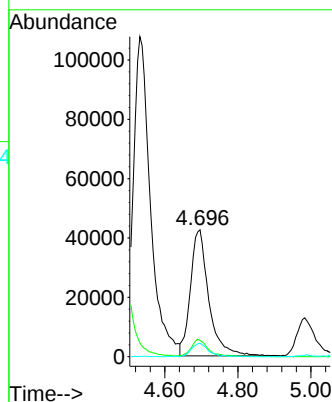
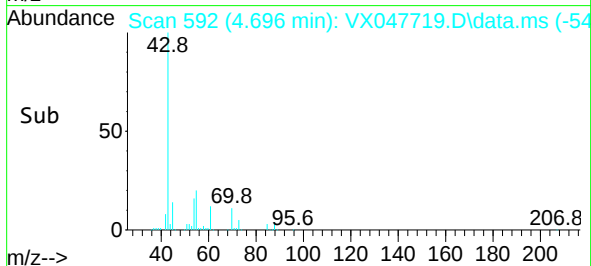
Tgt Ion:	43	Resp:	148064
Ion	Ratio	Lower	Upper
43	100		
61	12.5	9.8	14.8
70	9.3	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#38

Carbon Tetrachloride

Concen: 52.659 ug/l

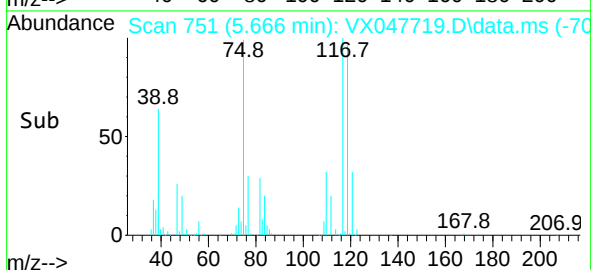
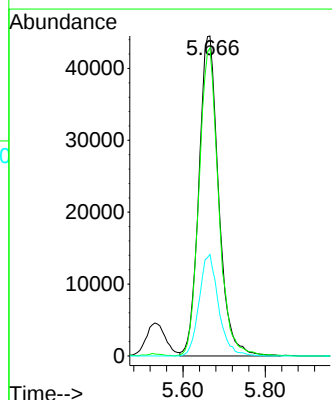
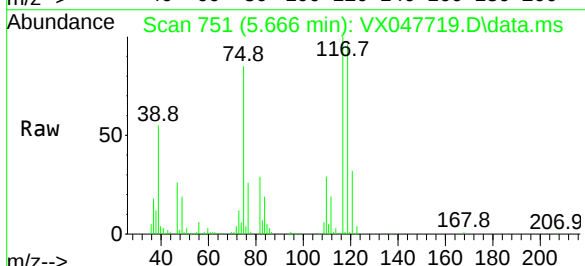
RT: 5.666 min Scan# 751

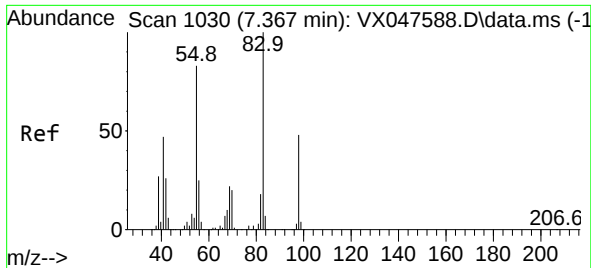
Delta R.T. -0.006 min

Lab File: VX047719.D

Acq: 23 Sep 2025 09:02

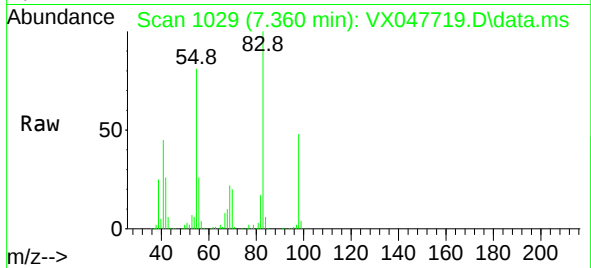
Tgt Ion:	117	Resp:	148597
Ion	Ratio	Lower	Upper
117	100		
119	96.0	73.4	110.2
121	31.7	23.8	35.6





#39
Methylcyclohexane
Concen: 53.805 ug/l
RT: 7.360 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

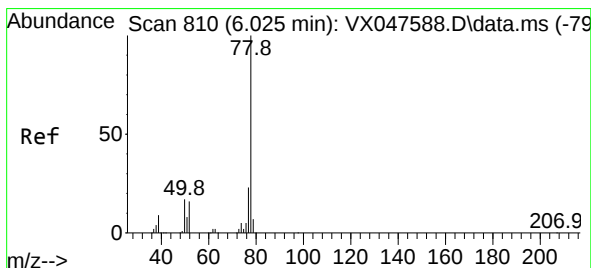
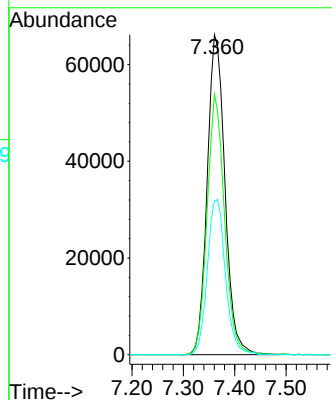
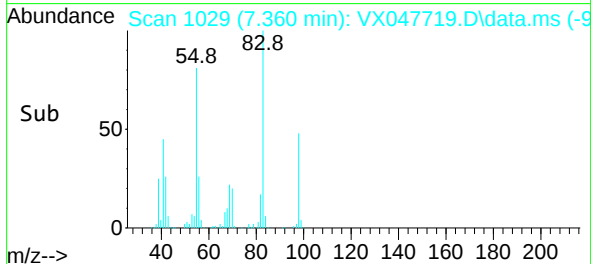
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 158624
Ion Ratio Lower Upper
83 100
55 81.4 66.4 99.6
98 48.1 38.1 57.1

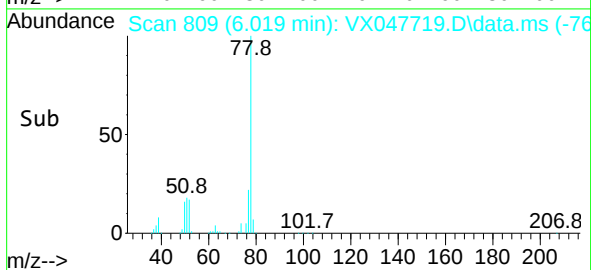
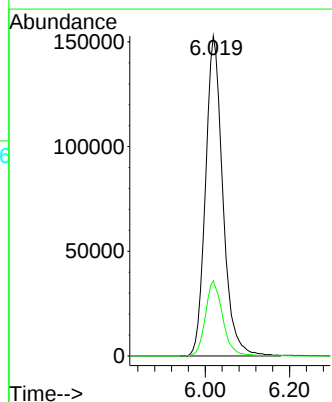
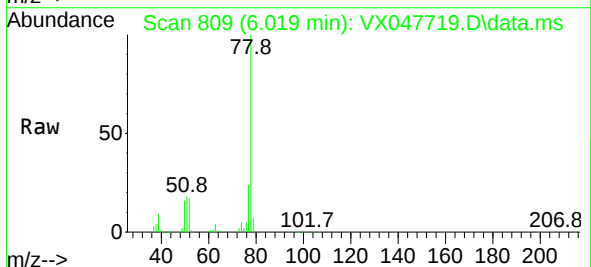
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#40
Benzene
Concen: 55.328 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

Tgt Ion: 78 Resp: 436446
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2





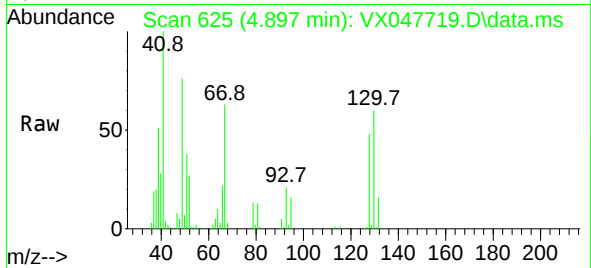
#41
Methacrylonitrile
Concen: 55.020 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

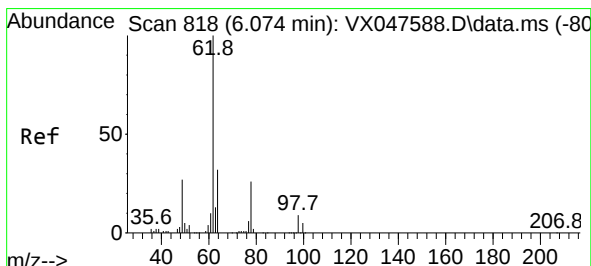
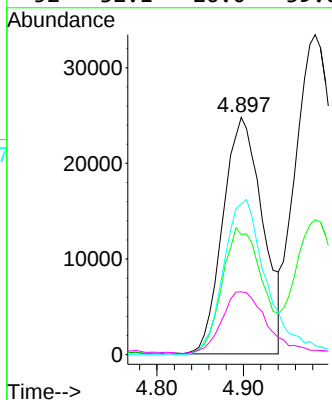
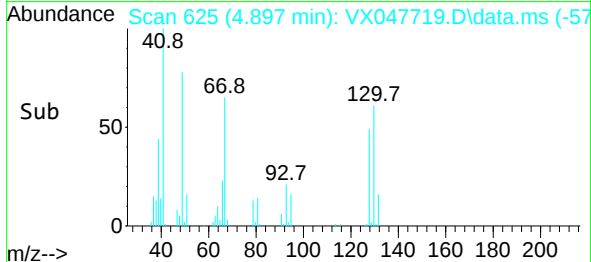
VSTDCCC050



Tgt Ion: 41 Resp: 7898
Ion Ratio Lower Upper
41 100
39 54.0 43.3 64.9
67 72.0 58.6 87.8
52 32.1 26.0 39.0

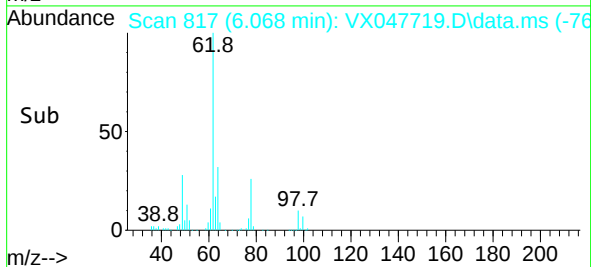
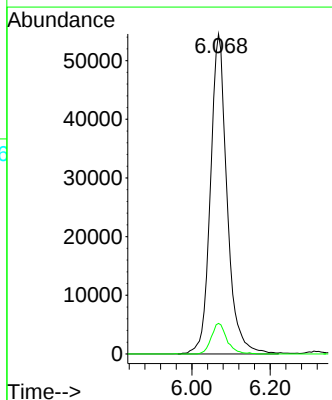
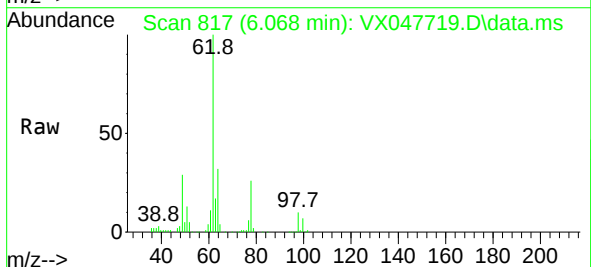
Manual Integrations
APPROVED

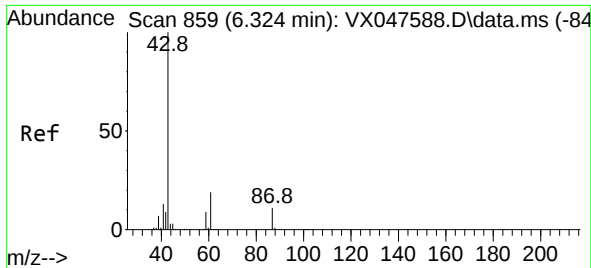
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#42
1,2-Dichloroethane
Concen: 53.472 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

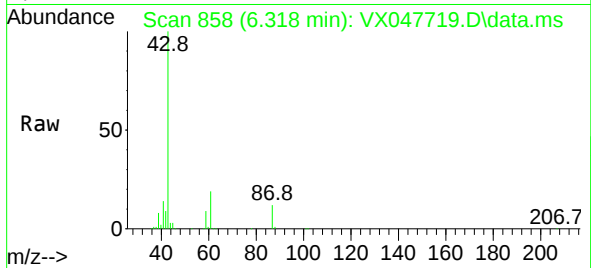
Tgt Ion: 62 Resp: 160490
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.0





#43
Isopropyl Acetate
Concen: 54.094 ug/l
RT: 6.318 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

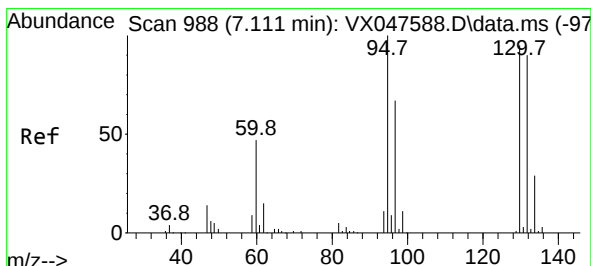
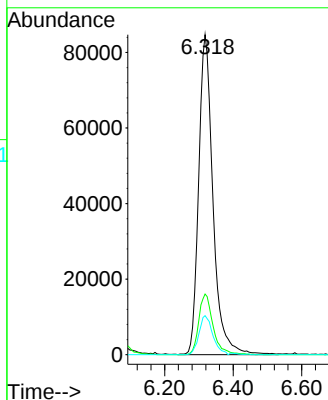
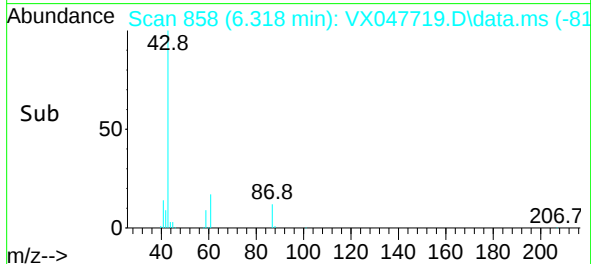
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 246709
Ion Ratio Lower Upper
43 100
61 19.0 15.2 22.8
87 11.7 9.6 14.4

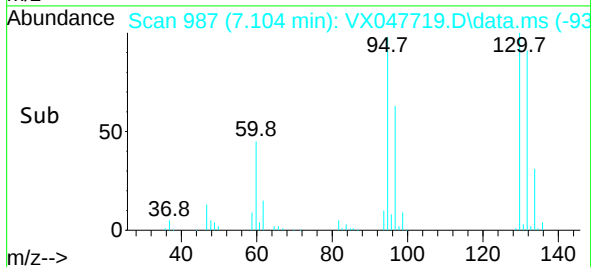
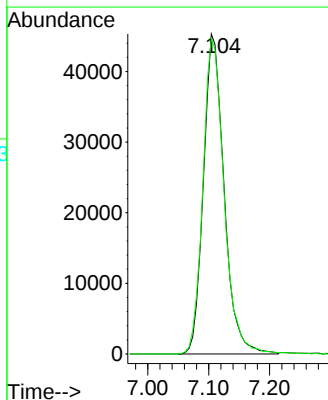
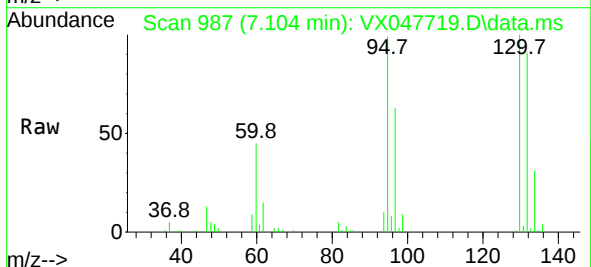
Manual Integrations
APPROVED

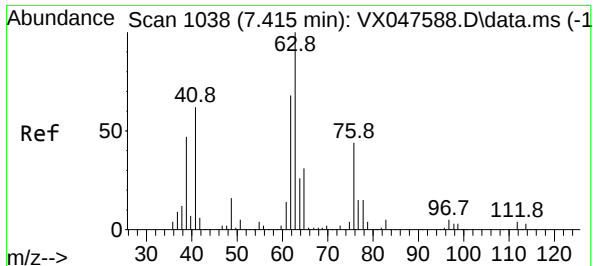
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#44
Trichloroethene
Concen: 55.974 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

Tgt Ion:130 Resp: 106747
Ion Ratio Lower Upper
130 100
95 98.6 0.0 210.8





#45

1,2-Dichloropropane

Concen: 55.852 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX047719.D

Acq: 23 Sep 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 11281

Ion Ratio Lower Upper

63 100

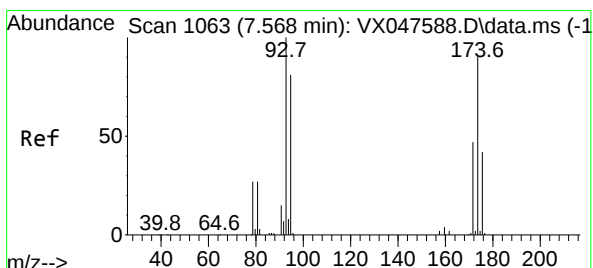
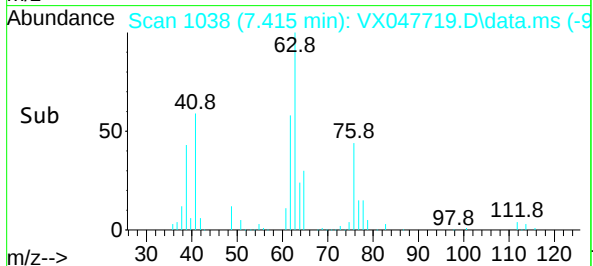
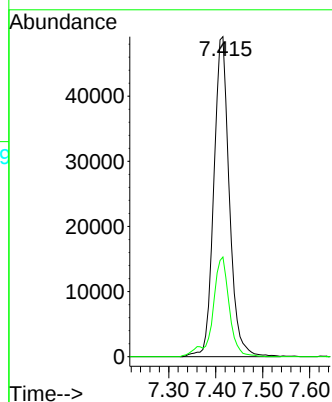
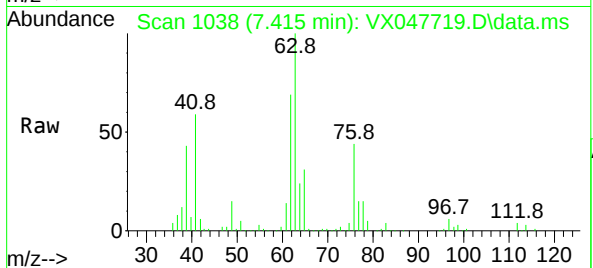
65 31.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#46

Dibromomethane

Concen: 55.264 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX047719.D

Acq: 23 Sep 2025 09:02

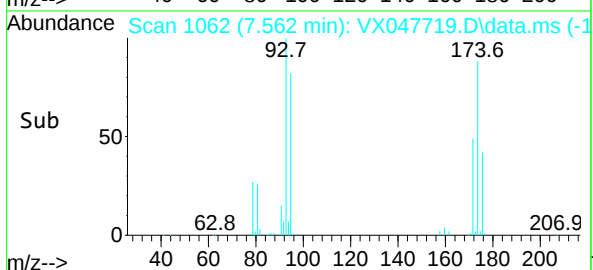
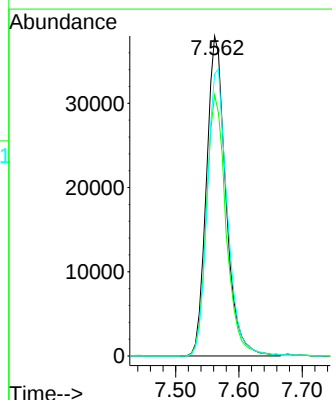
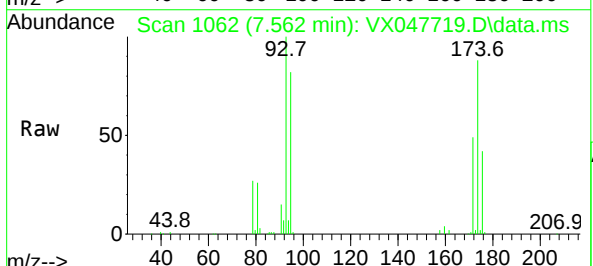
Tgt Ion: 93 Resp: 81231

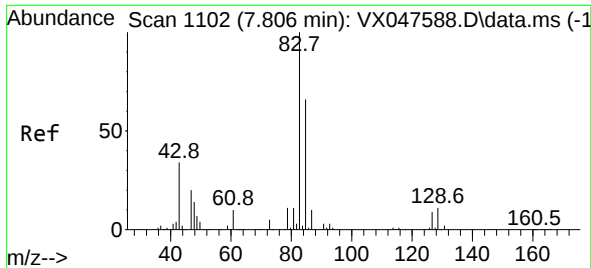
Ion Ratio Lower Upper

93 100

95 83.0 65.0 97.6

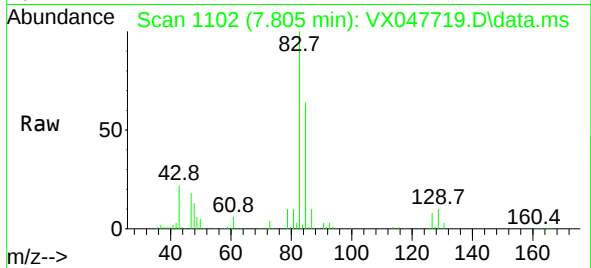
174 92.6 71.6 107.4





#47
Bromodichloromethane
Concen: 55.419 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

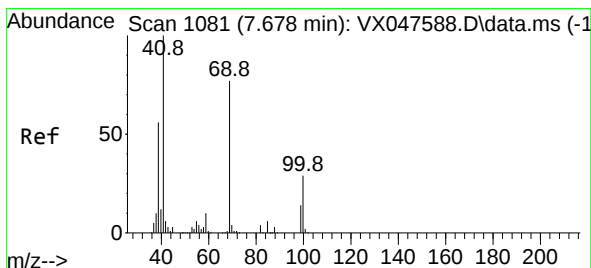
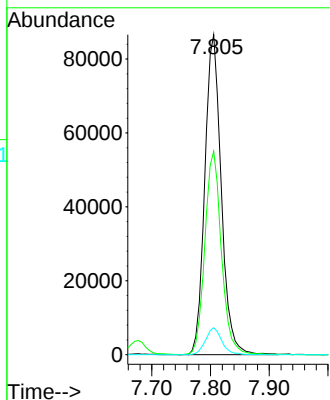
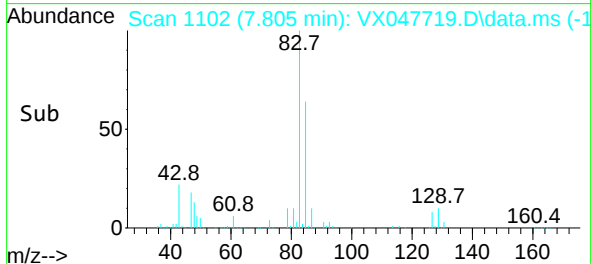
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 168090
Ion Ratio Lower Upper
83 100
85 63.6 52.5 78.7
127 8.4 6.9 10.3

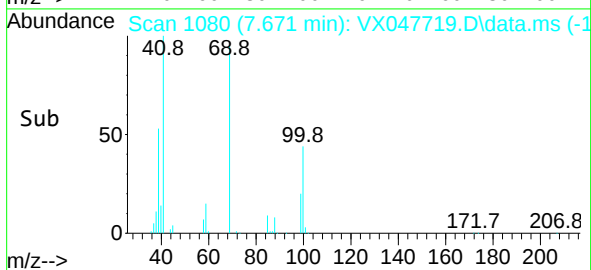
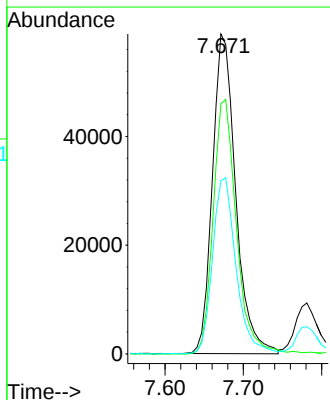
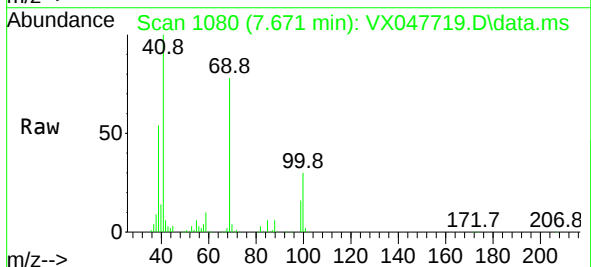
Manual Integrations
APPROVED

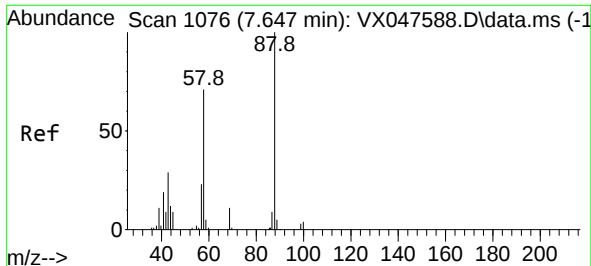
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#48
Methyl methacrylate
Concen: 53.434 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

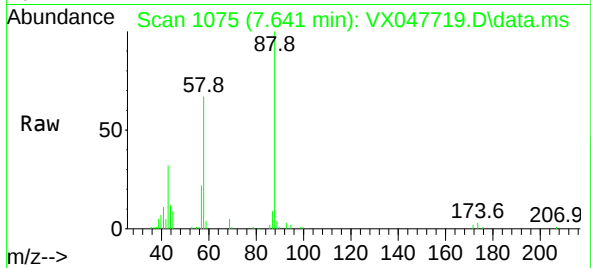
Tgt Ion: 41 Resp: 121390
Ion Ratio Lower Upper
41 100
69 79.4 61.4 92.2
39 55.8 45.8 68.6





#49
1,4-Dioxane
Concen: 1254.001 ug/l
RT: 7.641 min Scan# 1075
Delta R.T. -0.006 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

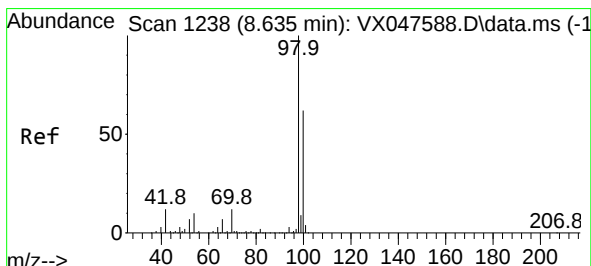
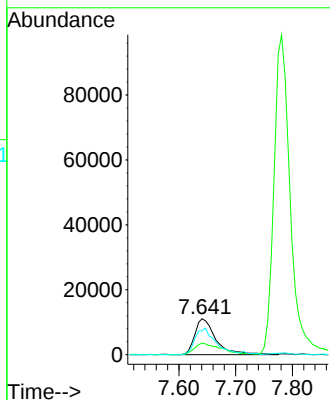
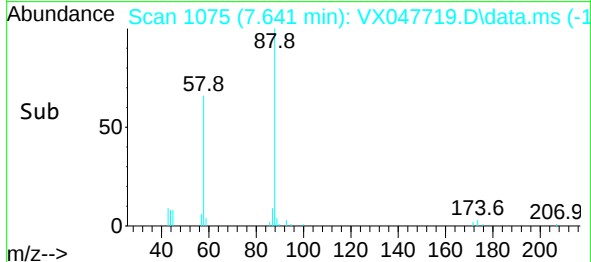
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 28790
Ion Ratio Lower Upper
88 100
43 40.3 30.2 45.2
58 74.5 59.5 89.3

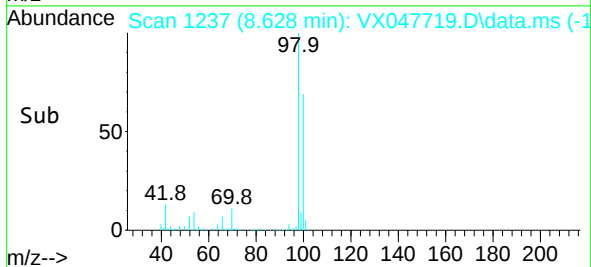
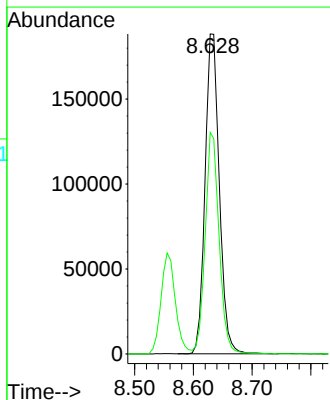
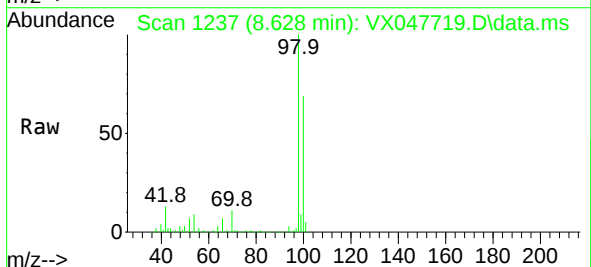
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#50
Toluene-d8
Concen: 51.720 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

Tgt Ion: 98 Resp: 318085
Ion Ratio Lower Upper
98 100
100 67.3 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 275.127 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

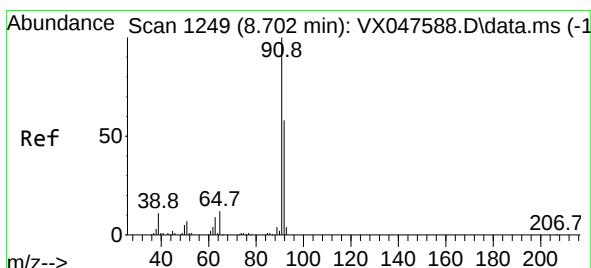
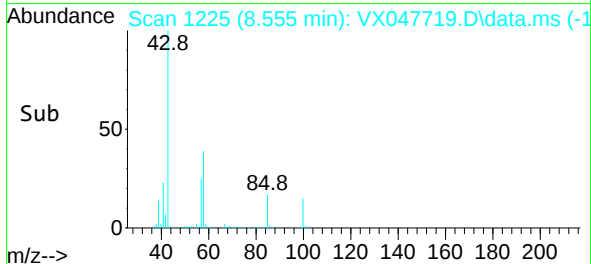
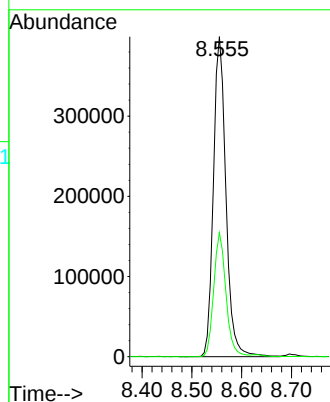
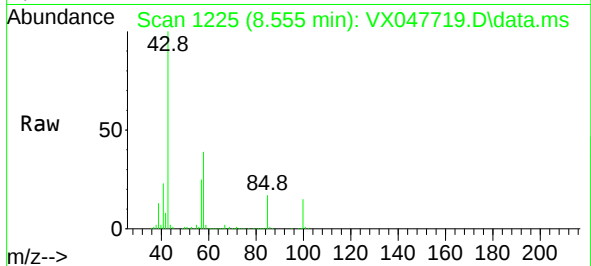
Tgt Ion: 43 Resp: 69570
Ion Ratio Lower Upper
43 100
58 37.8 30.3 45.5

Manual Integrations

APPROVED

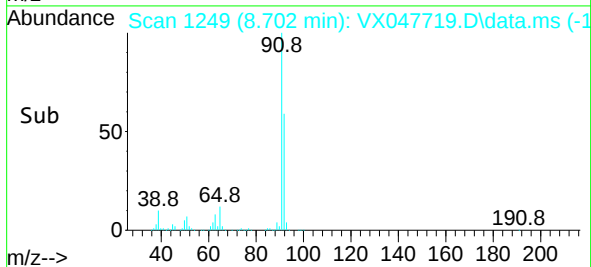
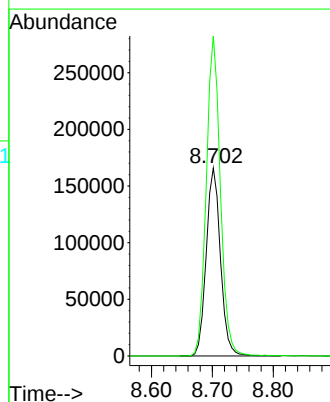
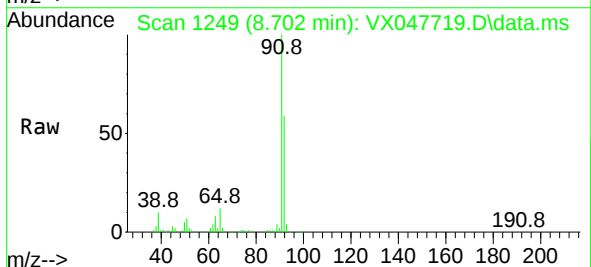
Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#52
Toluene
Concen: 55.411 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

Tgt Ion: 92 Resp: 269293
Ion Ratio Lower Upper
92 100
91 168.5 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 56.347 ug/l

RT: 8.958 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX047719.D

Acq: 23 Sep 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 17433

Ion Ratio Lower Upper

75 100

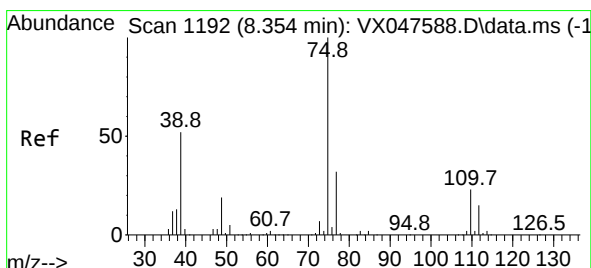
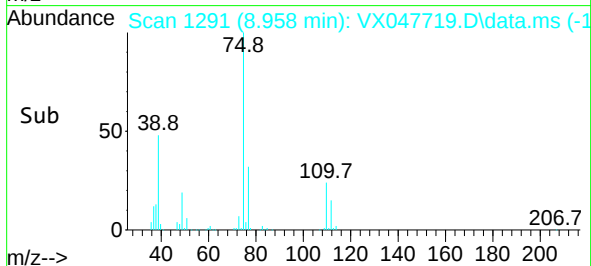
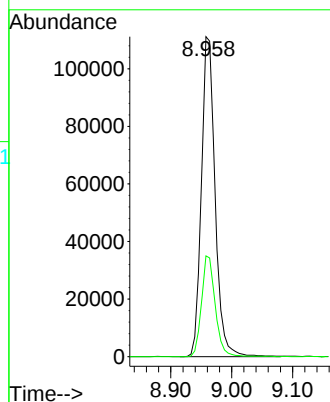
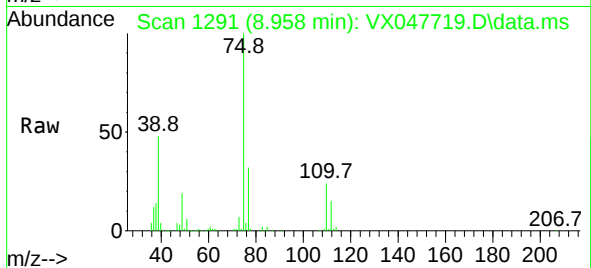
77 31.5 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#54

cis-1,3-Dichloropropene

Concen: 56.434 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX047719.D

Acq: 23 Sep 2025 09:02

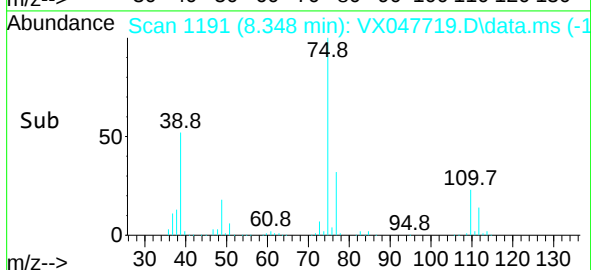
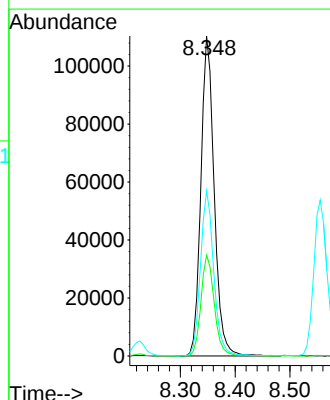
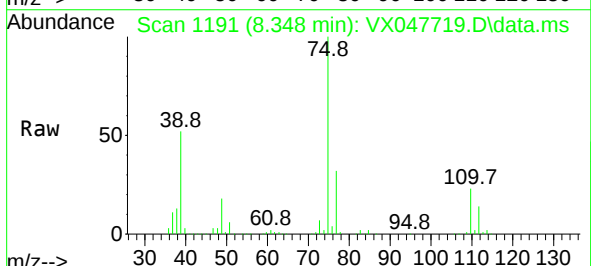
Tgt Ion: 75 Resp: 186621

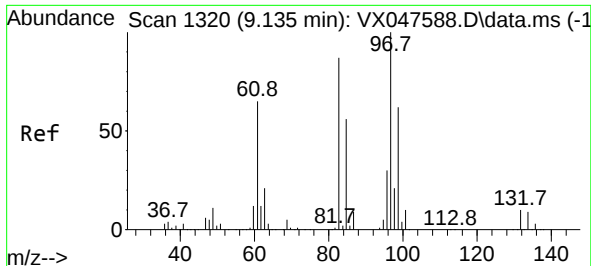
Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.6

39 51.5 41.4 62.2





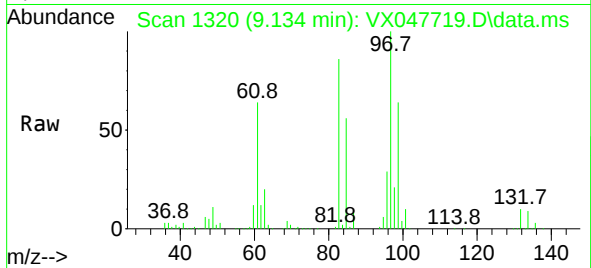
#55
1,1,2-Trichloroethane
Concen: 55.502 ug/l
RT: 9.134 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



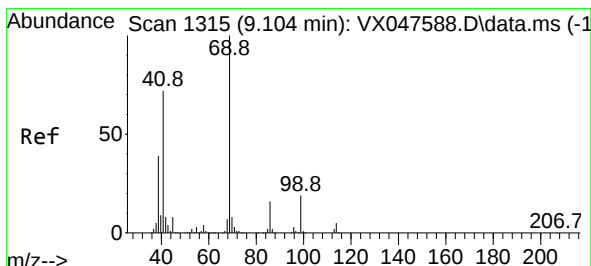
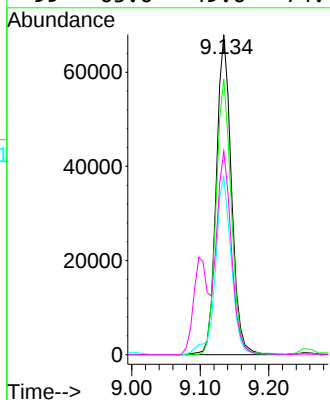
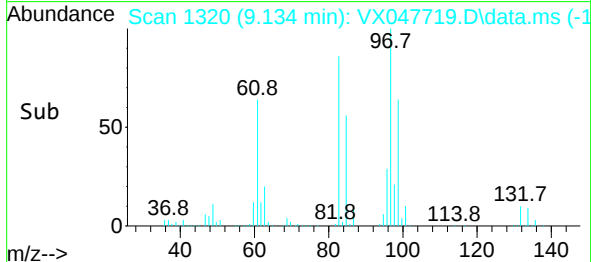
Tgt Ion: 97 Resp: 104009
Ion Ratio Lower Upper
97 100
83 86.1 69.6 104.4
85 55.6 45.0 67.6
99 63.6 49.6 74.4

Manual Integrations

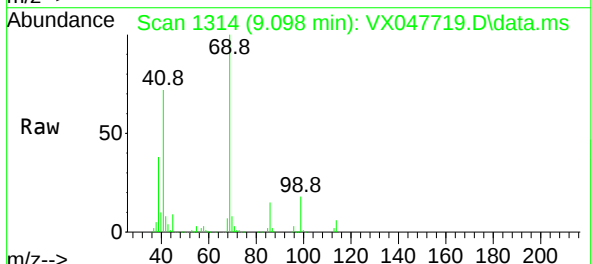
APPROVED

Reviewed By :John Carlone 09/24/2025

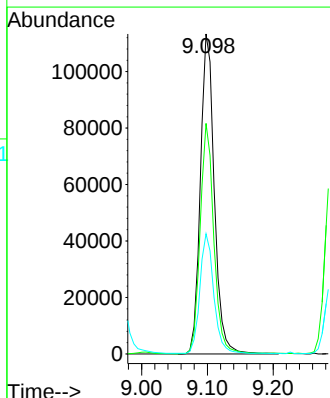
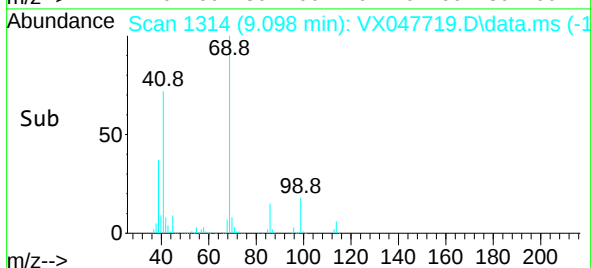
Supervised By :Mahesh Dadoda 09/26/2025



#56
Ethyl methacrylate
Concen: 56.751 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02



Tgt Ion: 69 Resp: 167018
Ion Ratio Lower Upper
69 100
41 70.6 58.6 87.8
39 37.2 31.5 47.3





#57

1,3-Dichloropropane

Concen: 56.707 ug/l

RT: 9.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047719.D

Acq: 23 Sep 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 18255

Ion Ratio Lower Upper

76 100

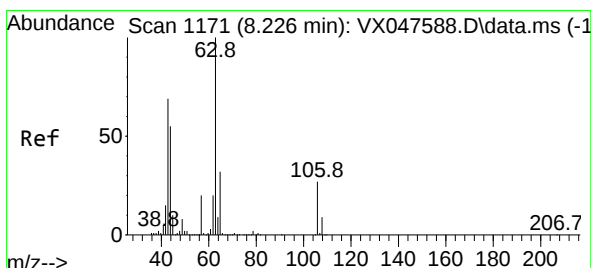
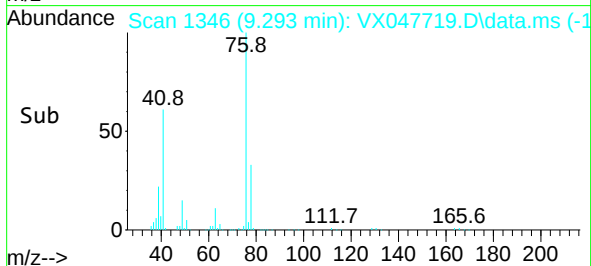
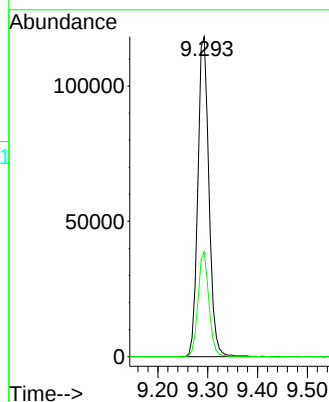
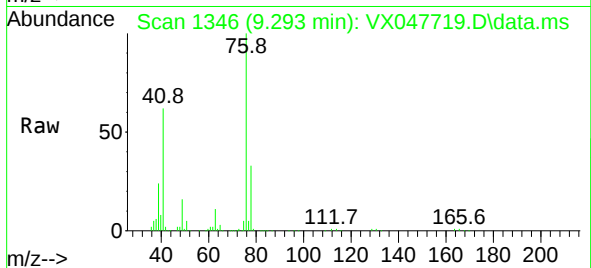
78 32.2 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#58

2-Chloroethyl Vinyl ether

Concen: 274.956 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX047719.D

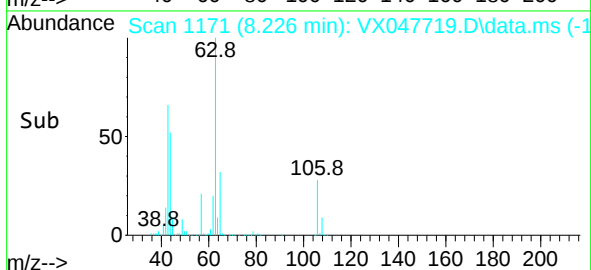
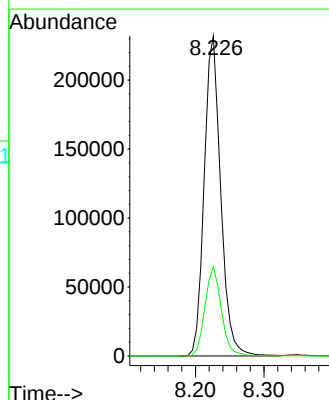
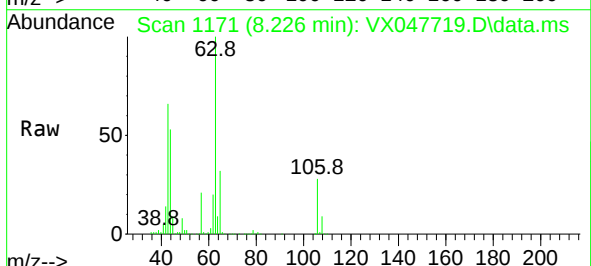
Acq: 23 Sep 2025 09:02

Tgt Ion: 63 Resp: 389211

Ion Ratio Lower Upper

63 100

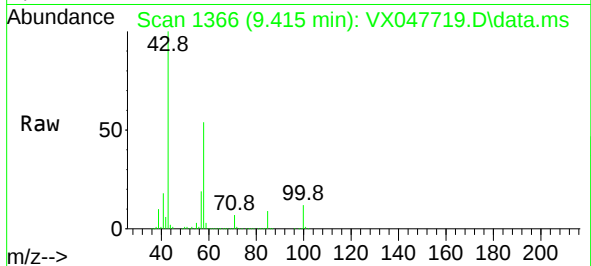
106 27.6 21.9 32.9





#59
2-Hexanone
Concen: 272.845 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

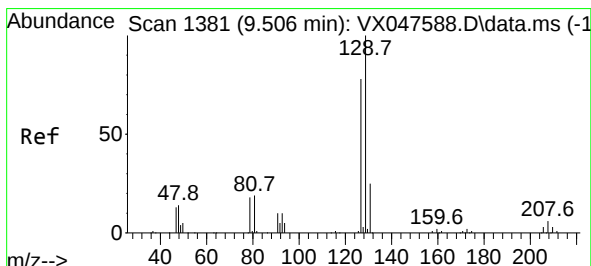
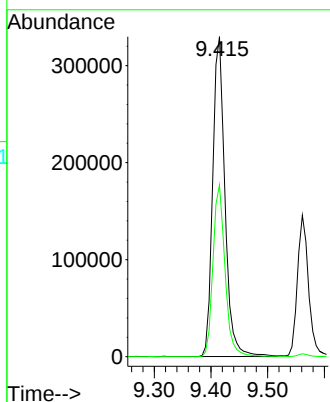
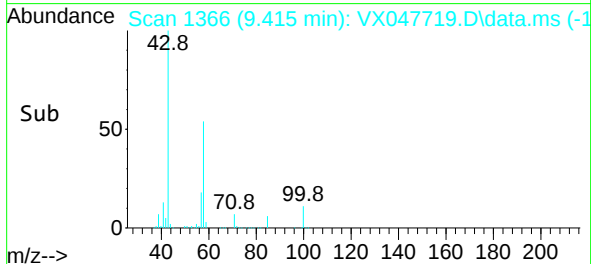
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 495514
Ion Ratio Lower Upper
43 100
58 53.0 26.1 78.2

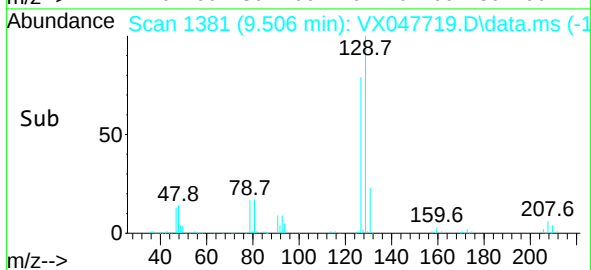
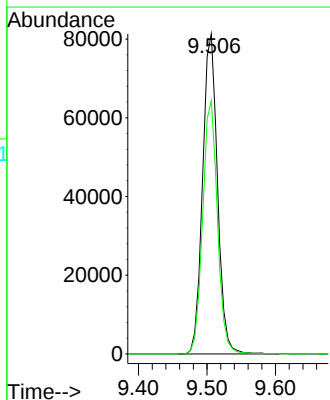
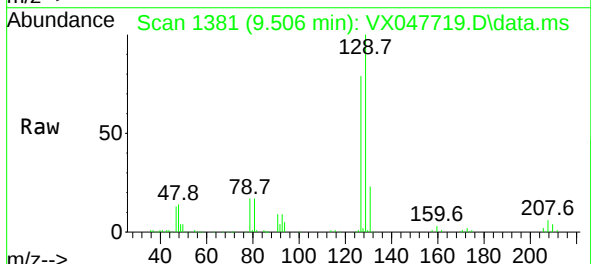
Manual Integrations
APPROVED

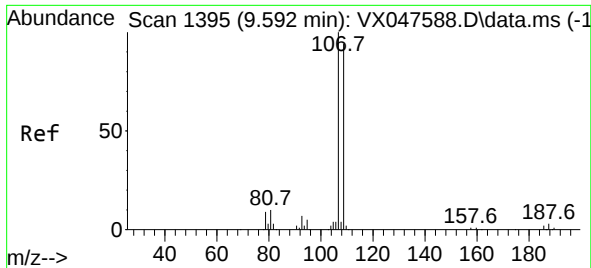
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#60
Dibromochloromethane
Concen: 56.997 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

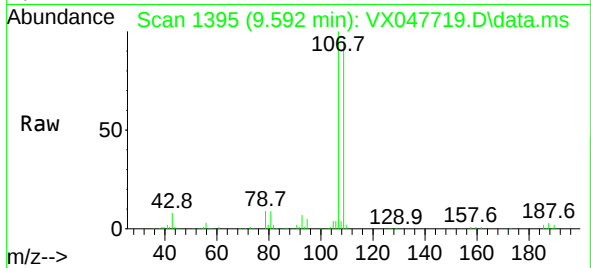
Tgt Ion:129 Resp: 123071
Ion Ratio Lower Upper
129 100
127 78.6 38.4 115.2





#61
1,2-Dibromoethane
Concen: 56.870 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

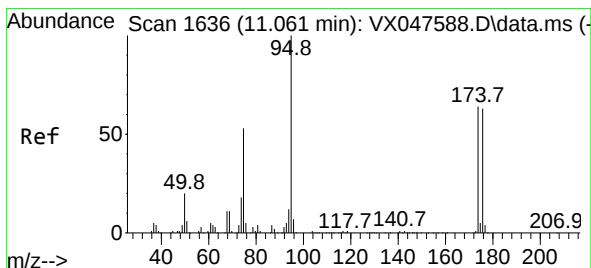
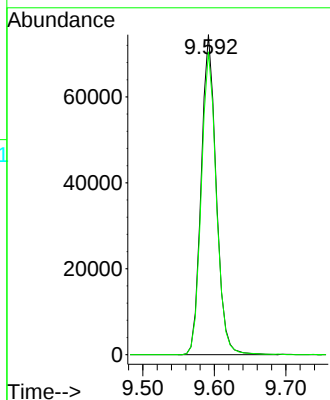
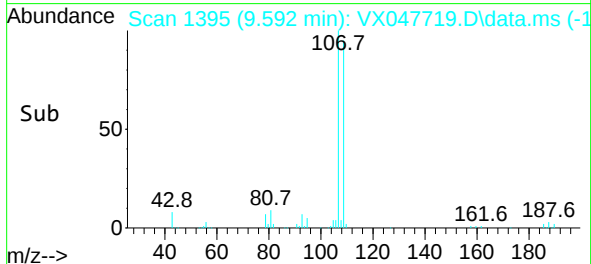
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



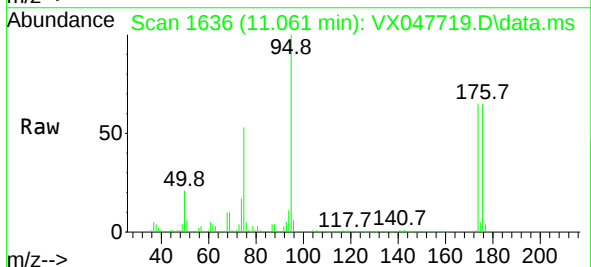
Tgt Ion:107 Resp: 108549
Ion Ratio Lower Upper
107 100
109 95.2 75.3 112.9

Manual Integrations
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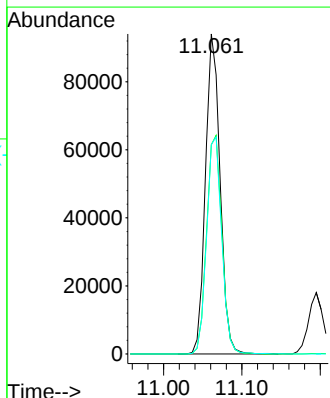
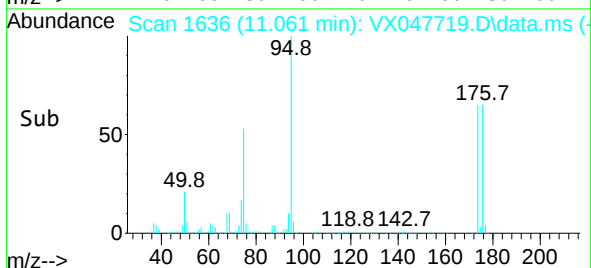
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

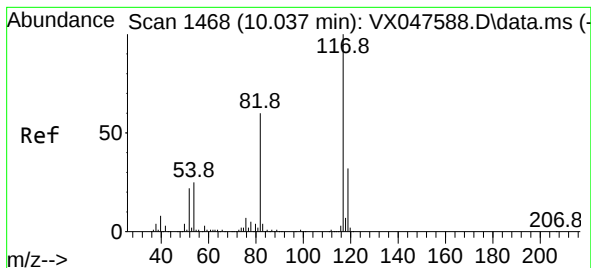


#62
4-Bromofluorobenzene
Concen: 52.073 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02



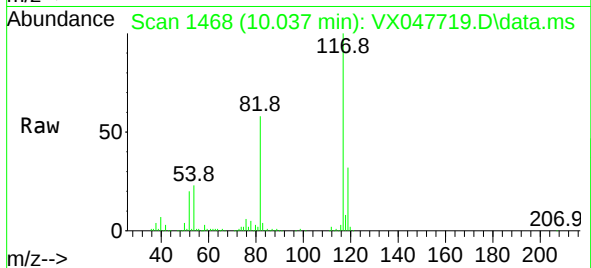
Tgt Ion: 95 Resp: 121543
Ion Ratio Lower Upper
95 100
174 71.3 0.0 141.6
176 70.0 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

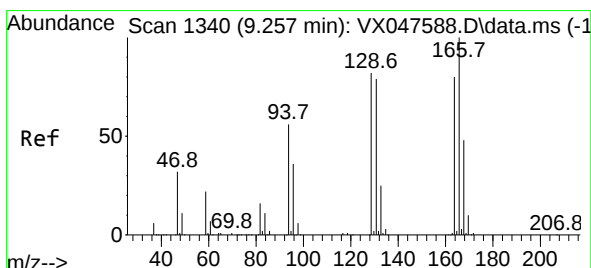
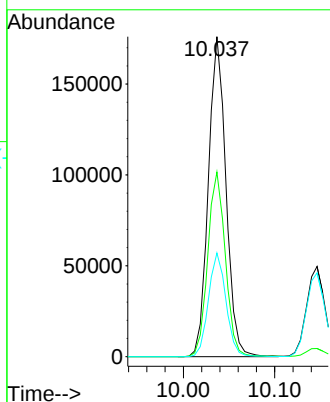
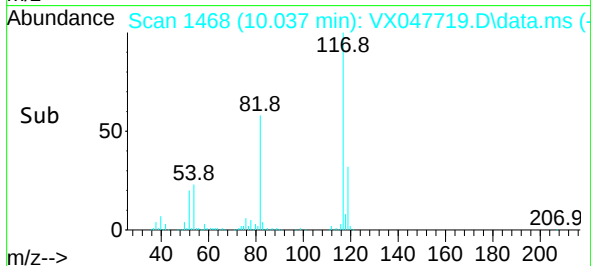
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 23570
Ion Ratio Lower Upper
117 100
82 57.7 47.8 71.6
119 32.4 25.2 37.8

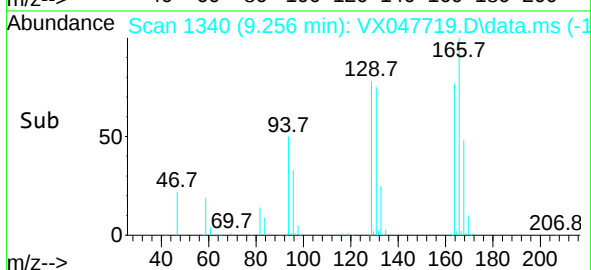
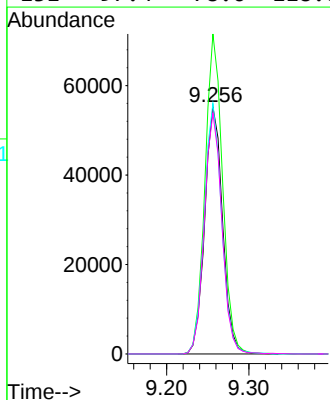
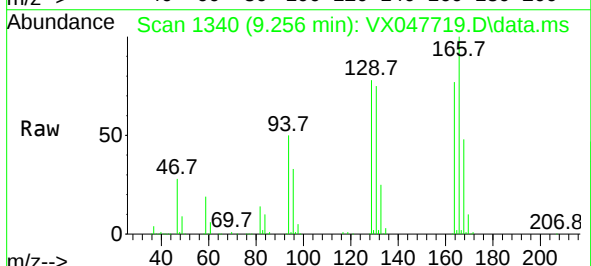
Manual Integrations
APPROVED

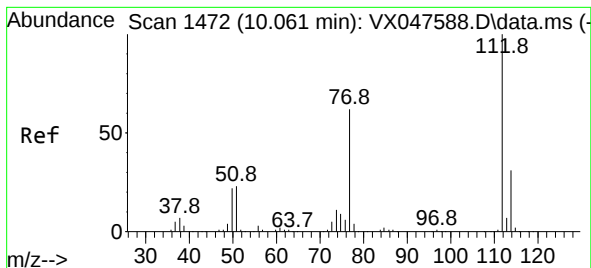
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#64
Tetrachloroethene
Concen: 54.167 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

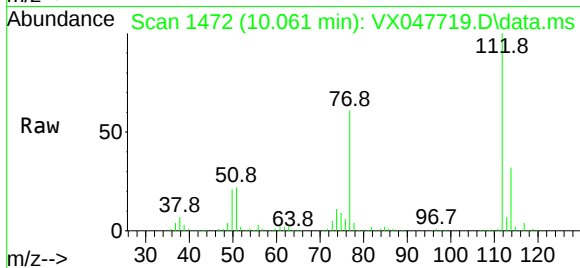
Tgt Ion:164 Resp: 83230
Ion Ratio Lower Upper
164 100
166 129.5 100.2 150.2
129 101.4 81.8 122.6
131 97.4 78.6 118.0





#65
Chlorobenzene
Concen: 54.848 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

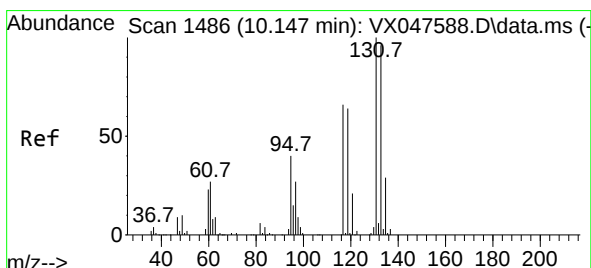
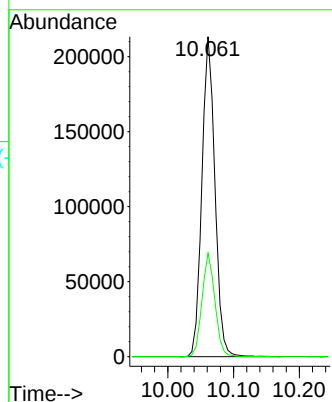
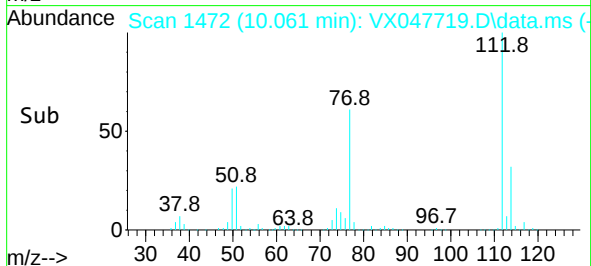
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 29369
Ion Ratio Lower Upper
112 100
114 32.4 25.1 37.7

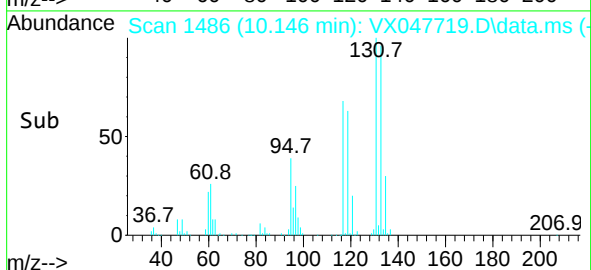
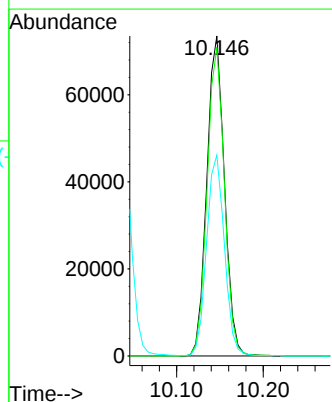
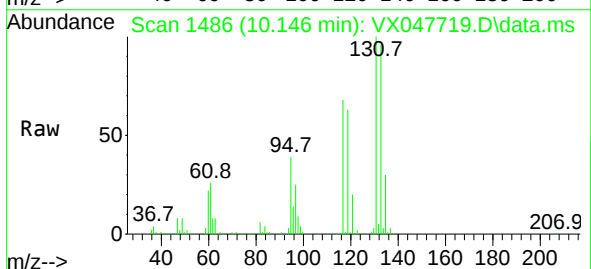
Manual Integrations
APPROVED

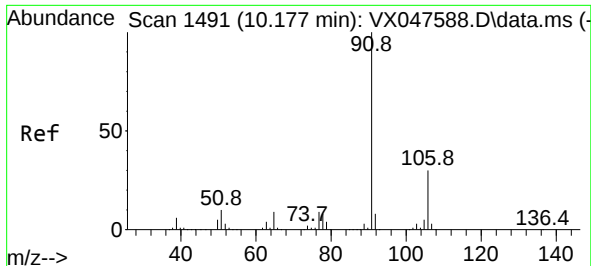
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 56.149 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

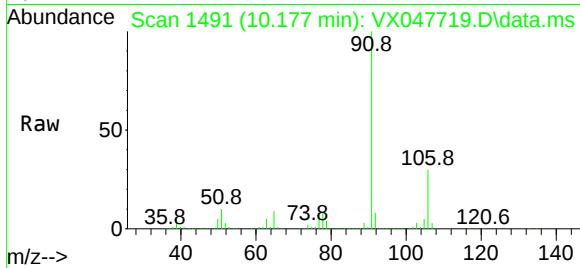
Tgt Ion:131 Resp: 103750
Ion Ratio Lower Upper
131 100
133 94.8 47.3 142.0
119 63.7 32.0 96.0





#67
Ethyl Benzene
Concen: 54.859 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

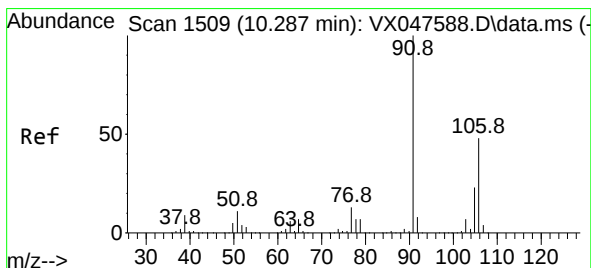
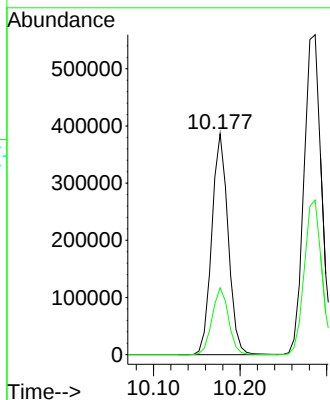
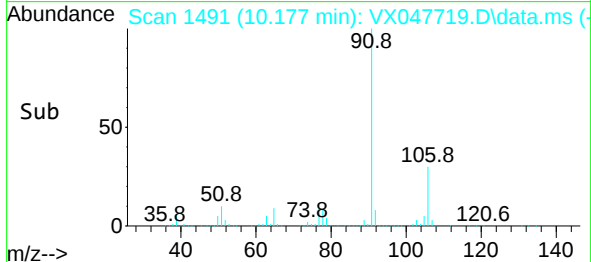
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



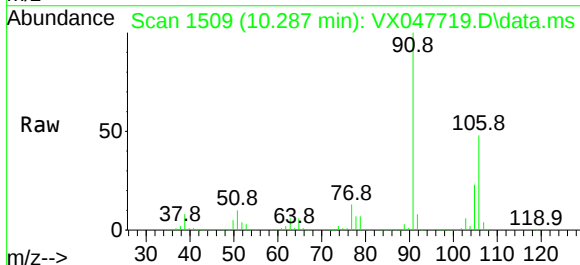
Tgt Ion: 91 Resp: 506854
Ion Ratio Lower Upper
91 100
106 30.3 24.3 36.5

Manual Integrations
APPROVED

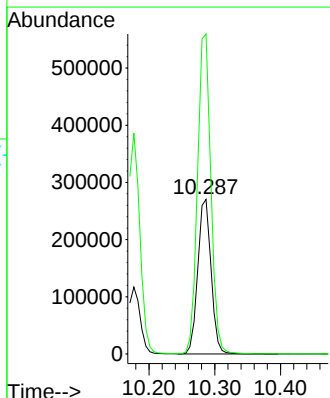
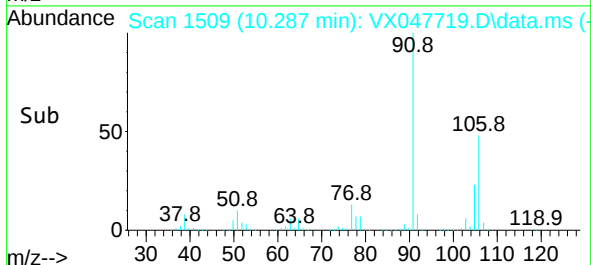
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

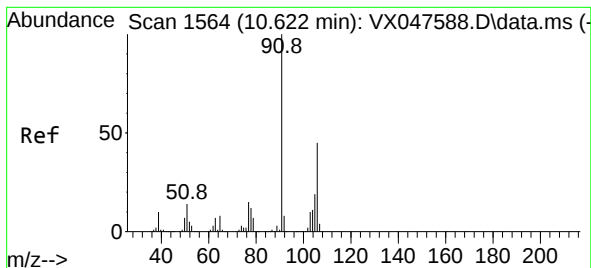


#68
m/p-Xylenes
Concen: 110.636 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02



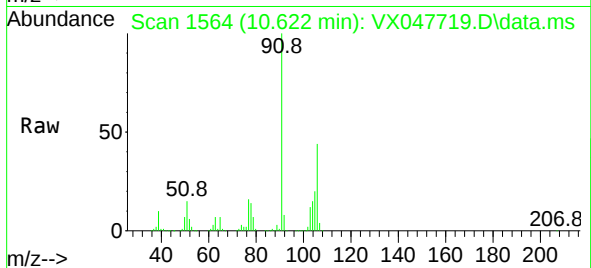
Tgt Ion:106 Resp: 380464
Ion Ratio Lower Upper
106 100
91 208.3 167.8 251.8





#69
o-Xylene
Concen: 55.967 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

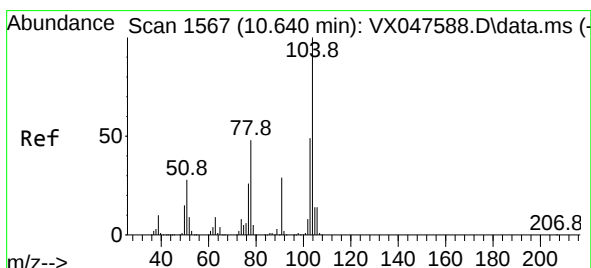
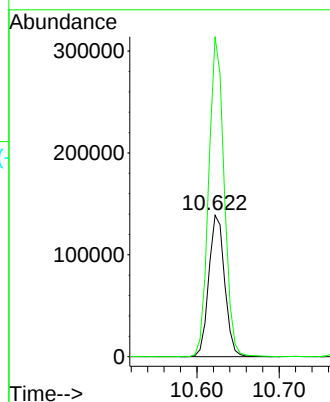
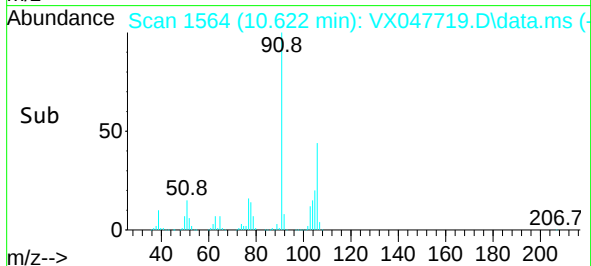
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 18615
Ion Ratio Lower Upper
106 100
91 220.1 111.1 333.4

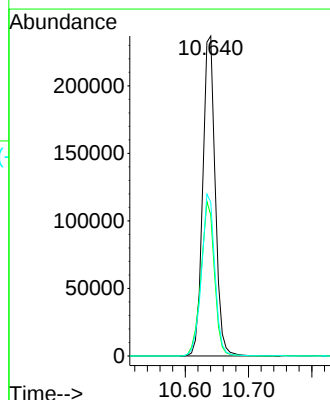
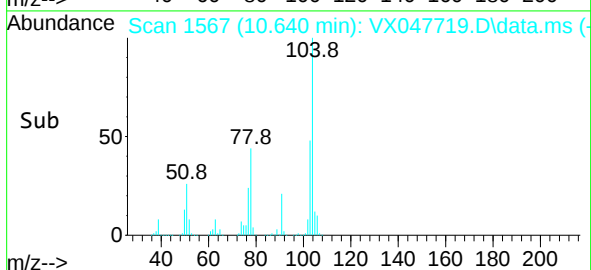
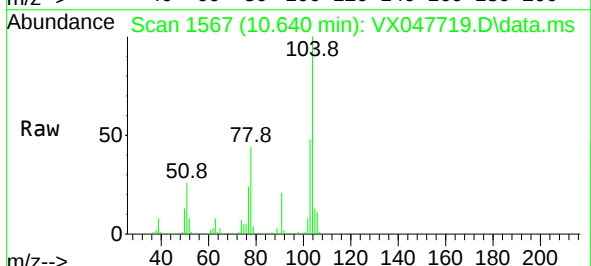
Manual Integrations
APPROVED

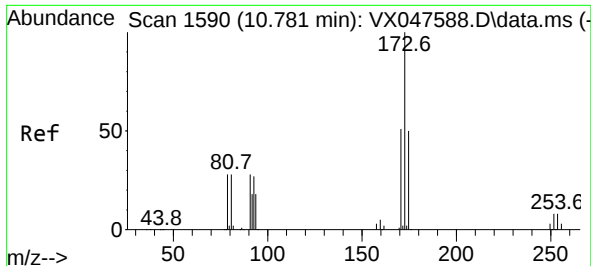
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#70
Styrene
Concen: 55.888 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

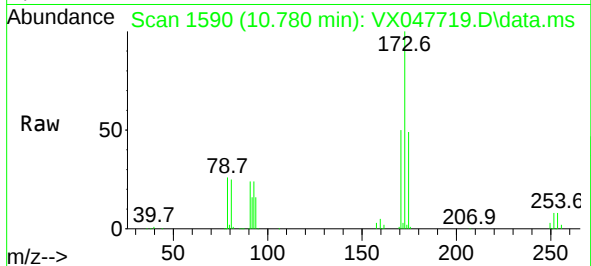
Tgt Ion:104 Resp: 325724
Ion Ratio Lower Upper
104 100
78 52.1 43.1 64.7
103 54.2 43.1 64.7





#71
Bromoform
Concen: 56.699 ug/l
RT: 10.780 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

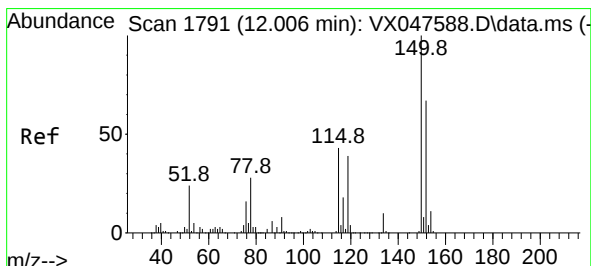
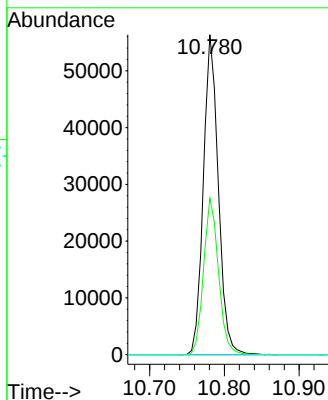
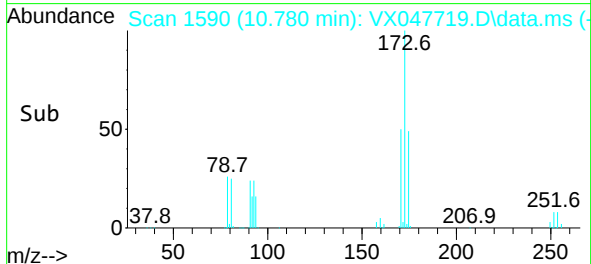
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 78229
Ion Ratio Lower Upper
173 100
175 49.0 24.9 74.6
254 0.0 0.1 0.1

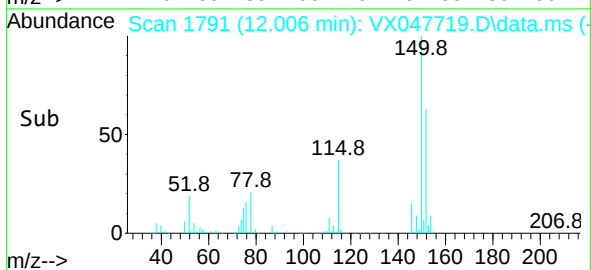
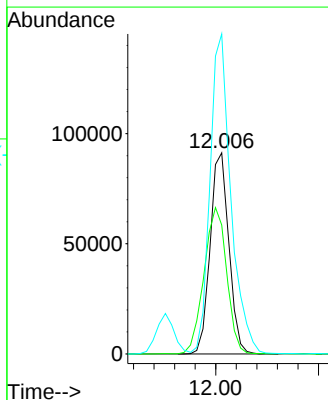
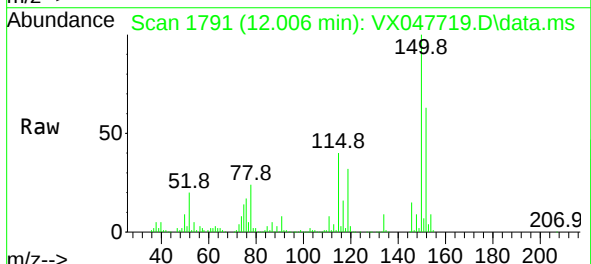
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

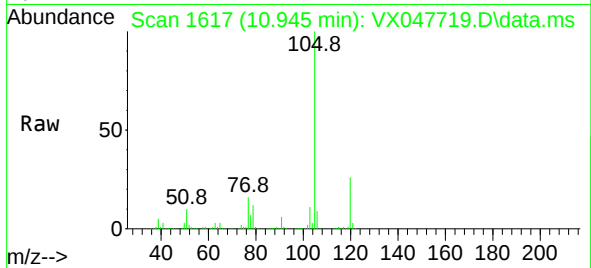
Tgt Ion:152 Resp: 115061
Ion Ratio Lower Upper
152 100
115 88.5 44.9 134.5
150 177.7 0.0 352.0





#73
Isopropylbenzene
Concen: 53.558 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

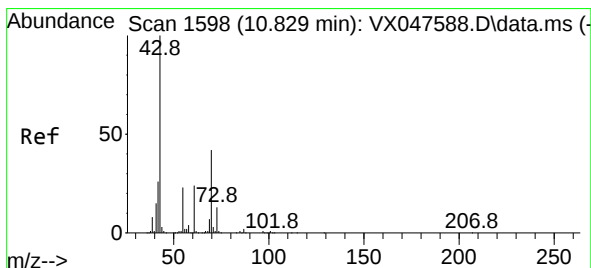
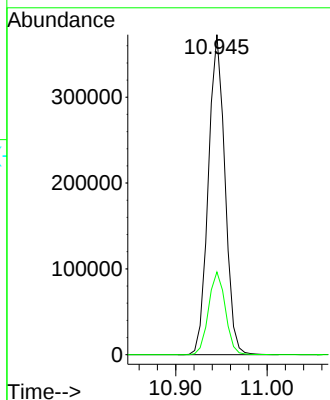
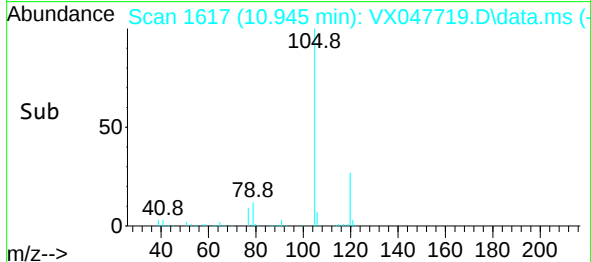
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 46850
Ion Ratio Lower Upper
105 100
120 26.2 12.8 38.4

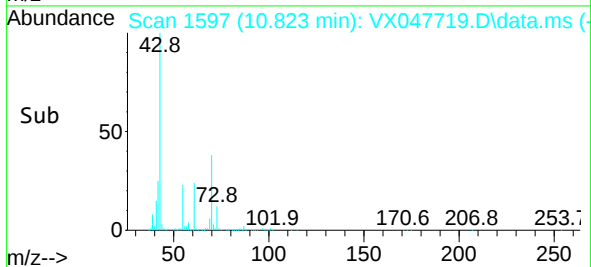
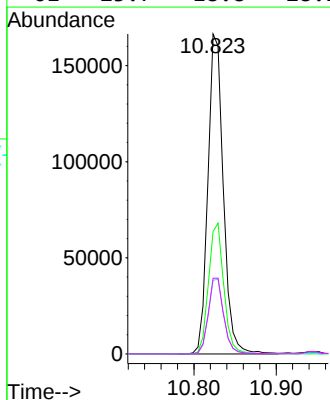
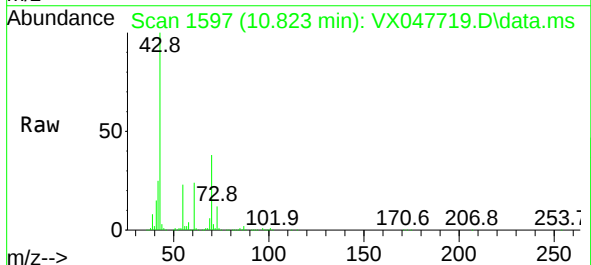
Manual Integrations
APPROVED

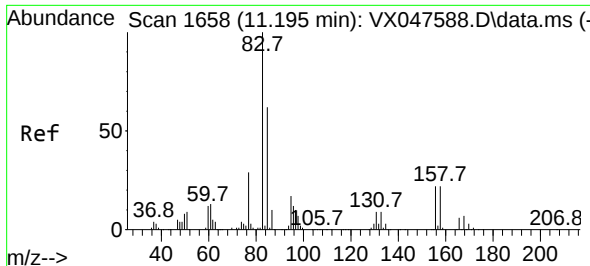
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#74
N-ethyl acetate
Concen: 54.388 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

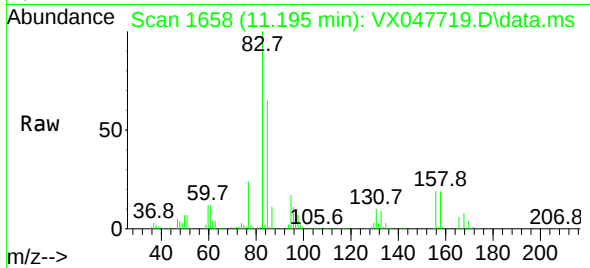
Tgt Ion: 43 Resp: 216957
Ion Ratio Lower Upper
43 100
70 40.6 32.0 48.0
55 23.6 18.9 28.3
61 23.7 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 54.463 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

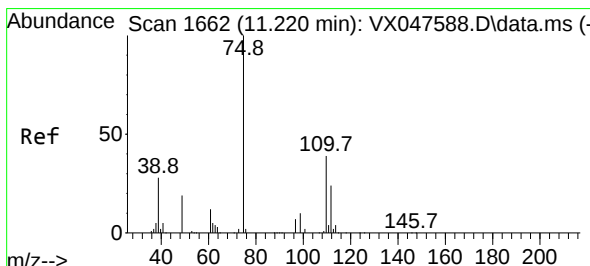
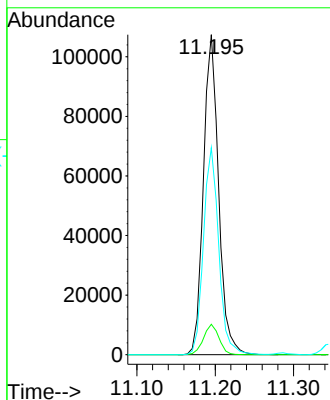
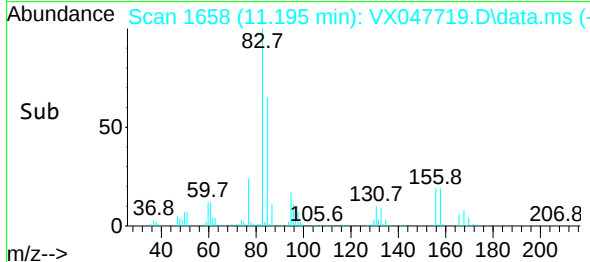
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



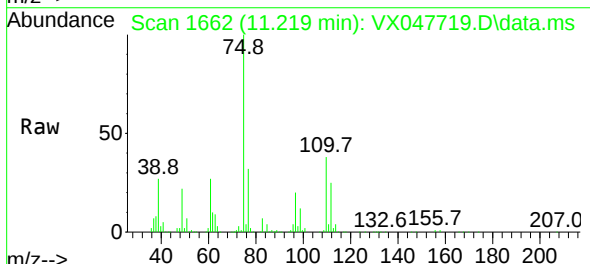
Tgt Ion: 83 Resp: 14414
Ion Ratio Lower Upper
83 100
131 9.7 5.0 14.9
85 65.2 31.6 95.0

Manual Integrations
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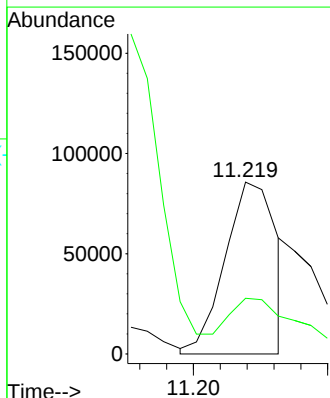
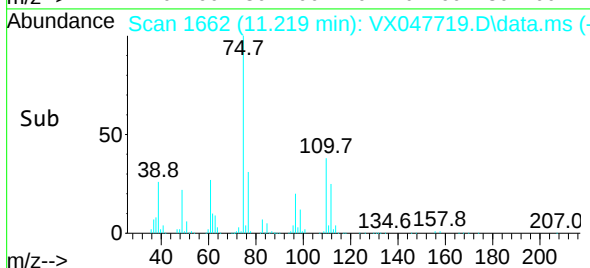
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

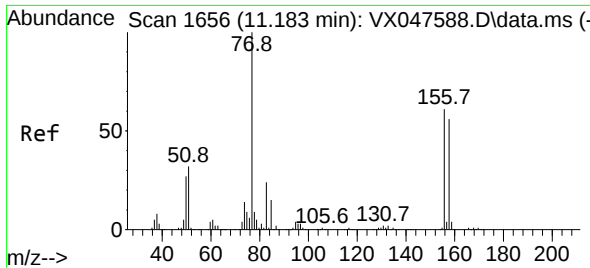


#76
1,2,3-Trichloropropane
Concen: 48.886 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02



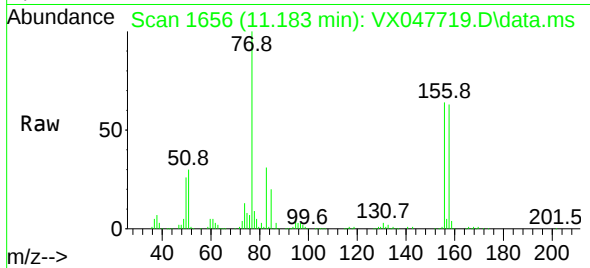
Tgt Ion: 75 Resp: 113886
Ion Ratio Lower Upper
75 100
77 43.5 18.8 56.4





#77
Bromobenzene
Concen: 54.994 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

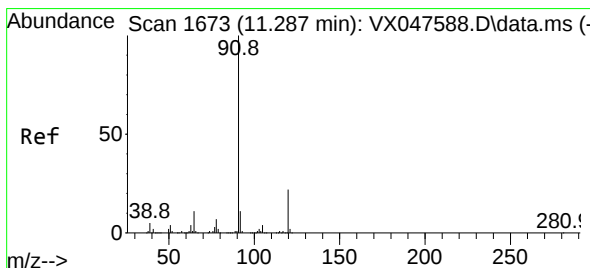
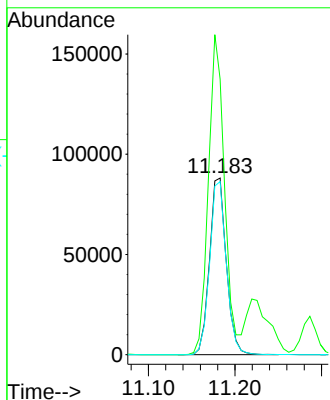
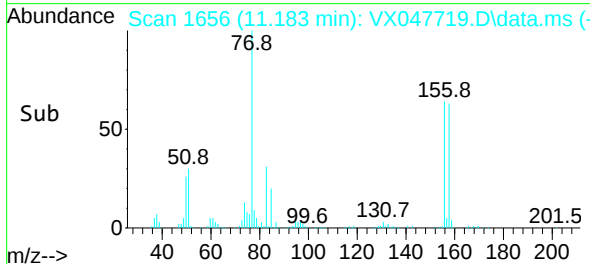
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



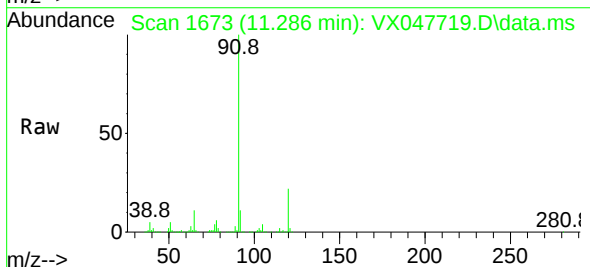
Tgt Ion:156 Resp: 11848
Ion Ratio Lower Upper
156 100
77 171.8 89.7 269.1
158 97.5 47.9 143.6

Manual Integrations
APPROVED

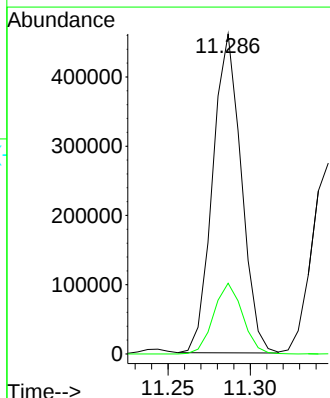
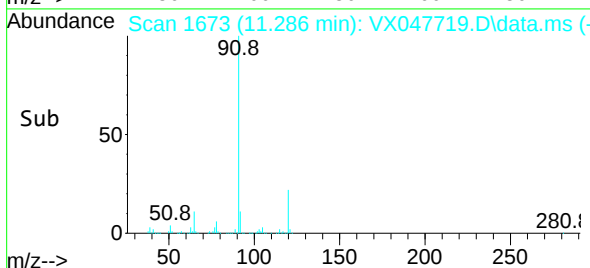
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

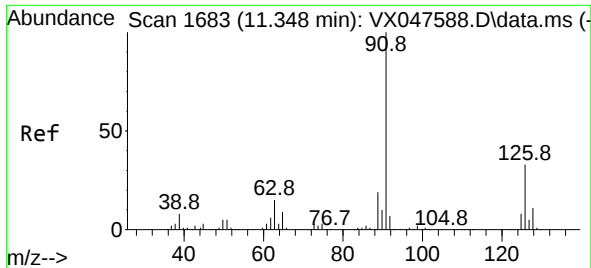


#78
n-propylbenzene
Concen: 53.923 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02



Tgt Ion: 91 Resp: 557613
Ion Ratio Lower Upper
91 100
120 22.4 11.1 33.1





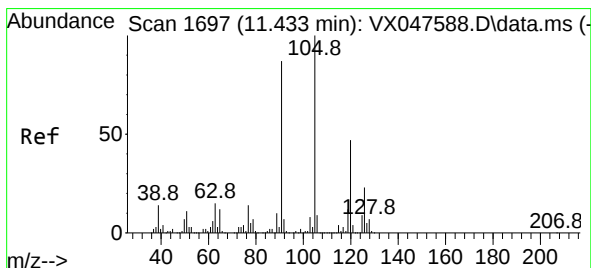
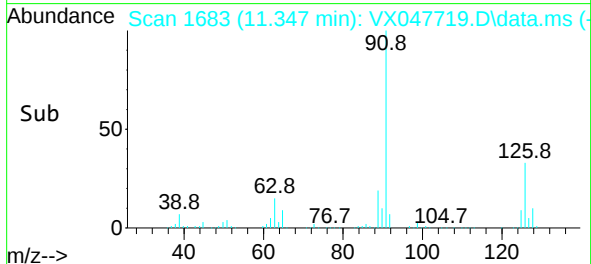
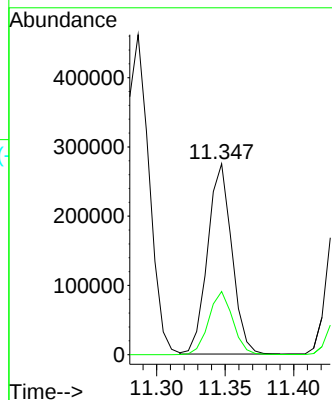
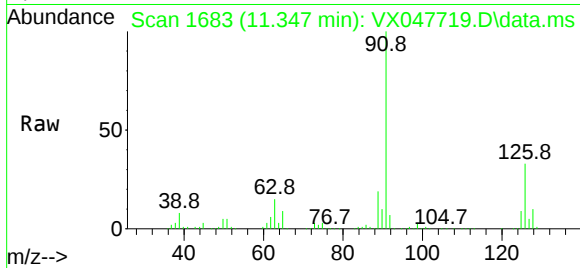
#79
2-Chlorotoluene
Concen: 53.352 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 337904
Ion Ratio Lower Upper
91 100
126 33.1 16.1 48.3

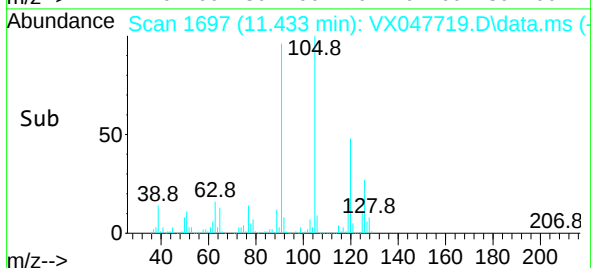
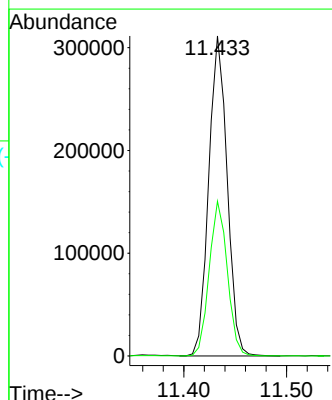
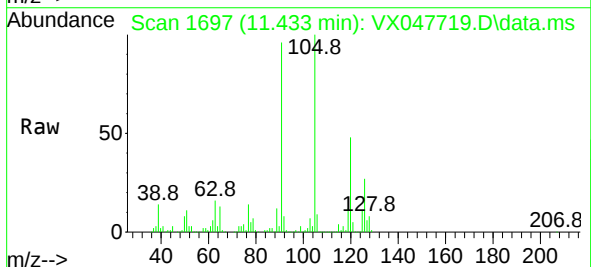
Manual Integrations
APPROVED

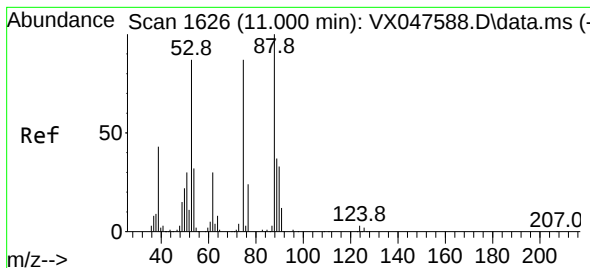
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.867 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

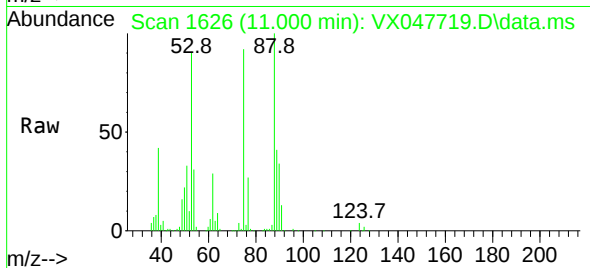
Tgt Ion:105 Resp: 387138
Ion Ratio Lower Upper
105 100
120 47.6 23.6 70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 52.569 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

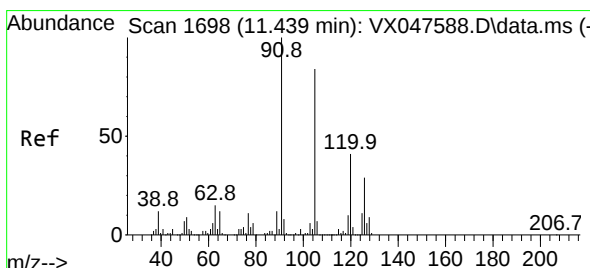
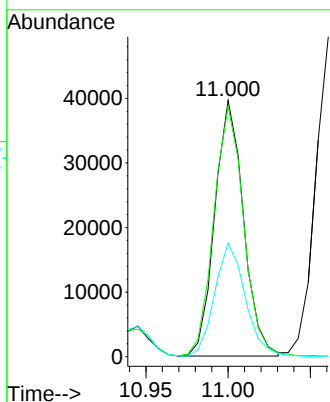
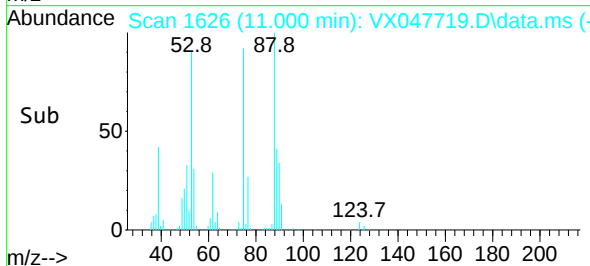
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 4802
Ion Ratio Lower Upper
75 100
53 101.5 83.4 125.2
89 47.5 36.3 54.5

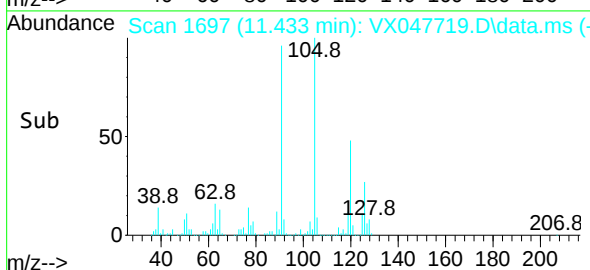
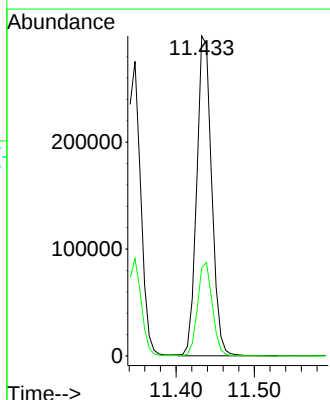
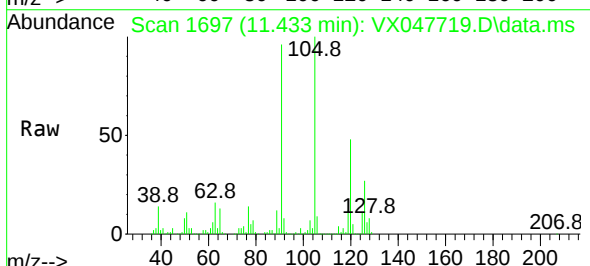
Manual Integrations
APPROVED

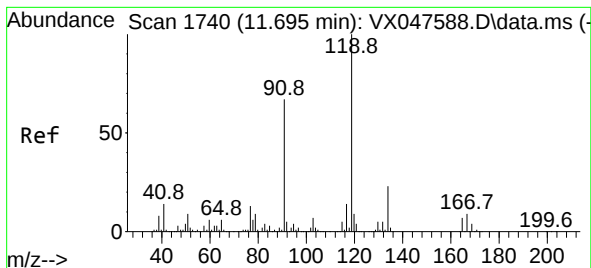
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#82
4-Chlorotoluene
Concen: 53.035 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

Tgt Ion: 91 Resp: 396717
Ion Ratio Lower Upper
91 100
126 28.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 53.095 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX047719.D

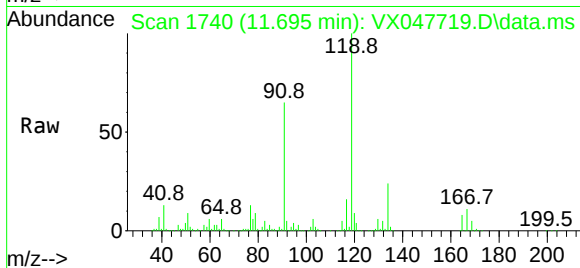
Acq: 23 Sep 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion:119 Resp: 390632

Ion Ratio Lower Upper

119 100

91 58.5 29.6 88.8

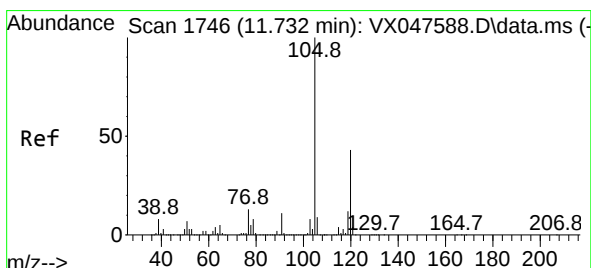
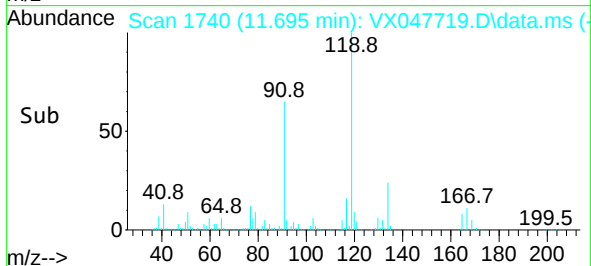
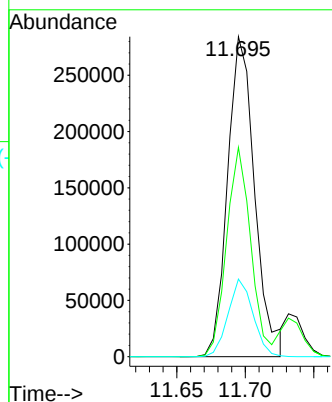
134 22.4 11.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#84

1,2,4-Trimethylbenzene

Concen: 54.142 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VX047719.D

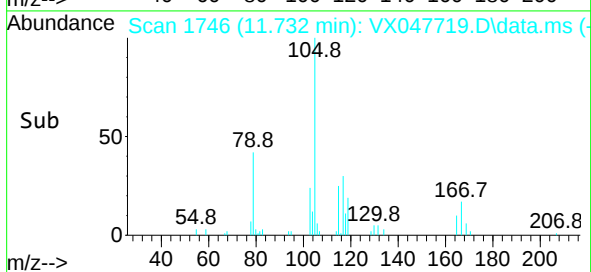
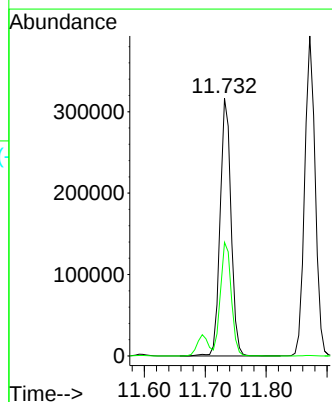
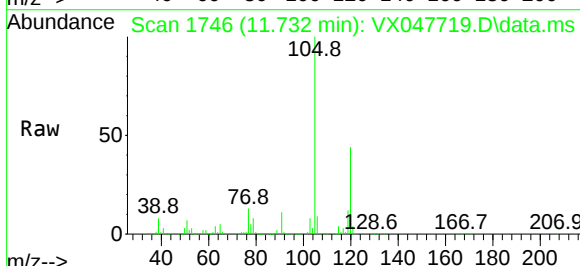
Acq: 23 Sep 2025 09:02

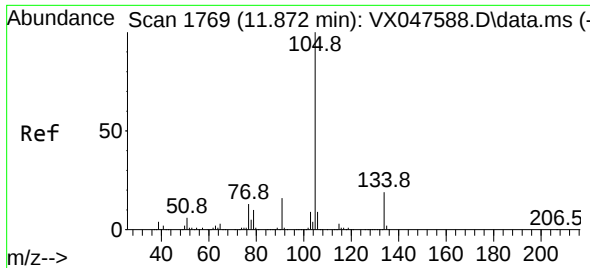
Tgt Ion:105 Resp: 394502

Ion Ratio Lower Upper

105 100

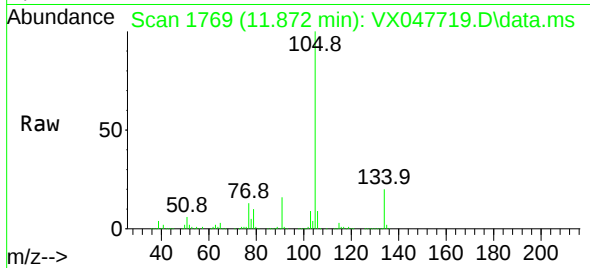
120 43.8 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 53.598 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX047719.D
 Acq: 23 Sep 2025 09:02

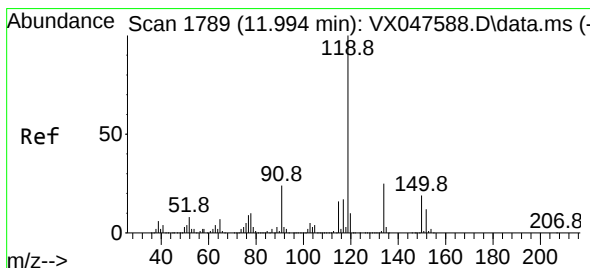
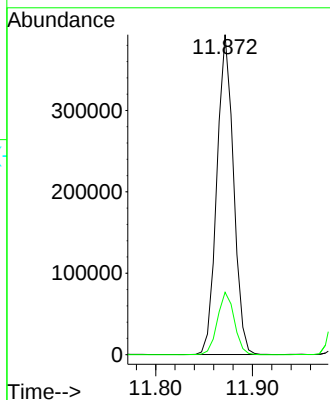
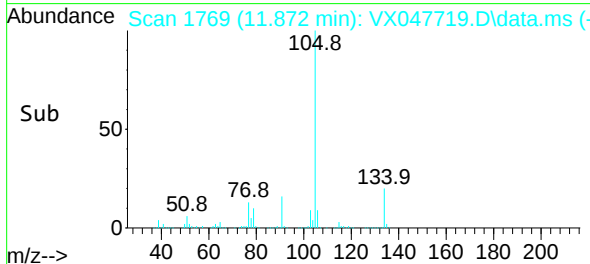
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



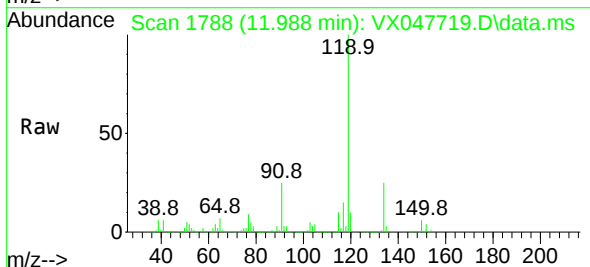
Tgt Ion:105 Resp: 46838
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.5

Manual Integrations
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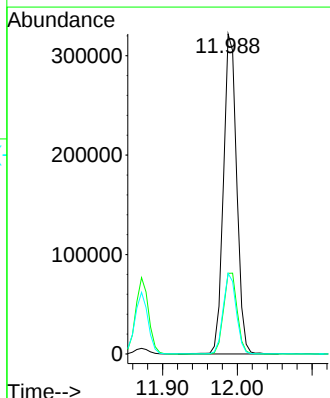
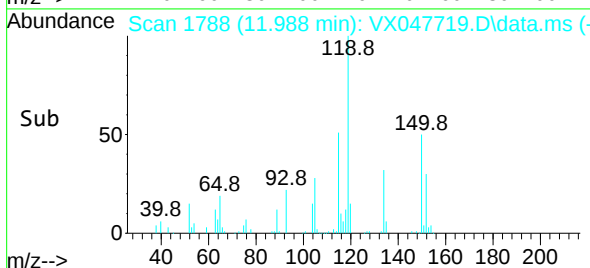
Reviewed By :John Carlone 09/24/2025
 Supervised By :Mahesh Dadoda 09/26/2025

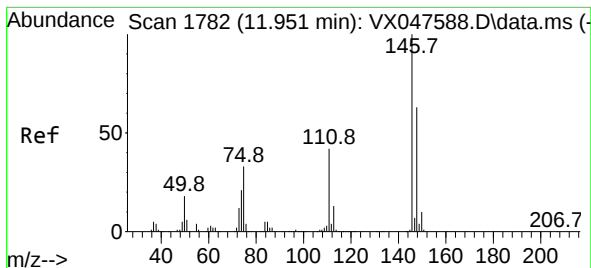


#86
 p-Isopropyltoluene
 Concen: 53.461 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.006 min
 Lab File: VX047719.D
 Acq: 23 Sep 2025 09:02



Tgt Ion:119 Resp: 395524
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 24.8 12.6 37.6





#87

1,3-Dichlorobenzene

Concen: 54.263 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX047719.D

Acq: 23 Sep 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

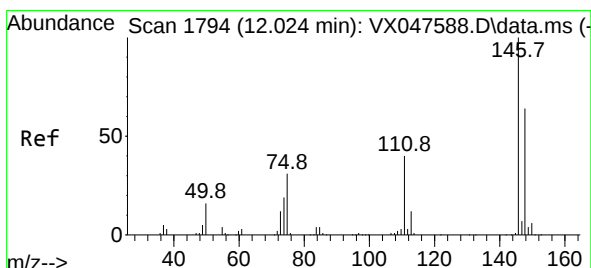
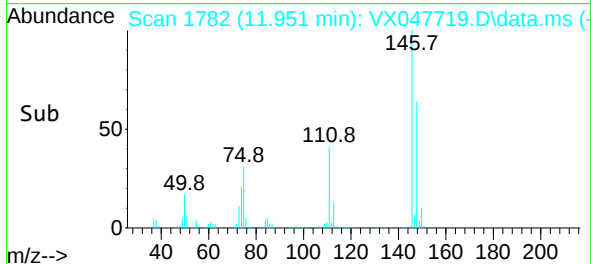
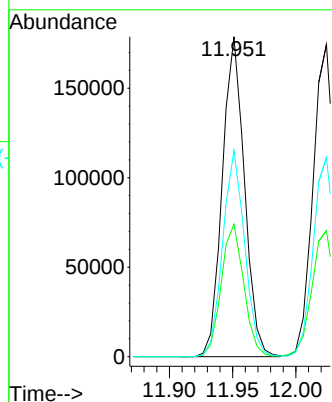
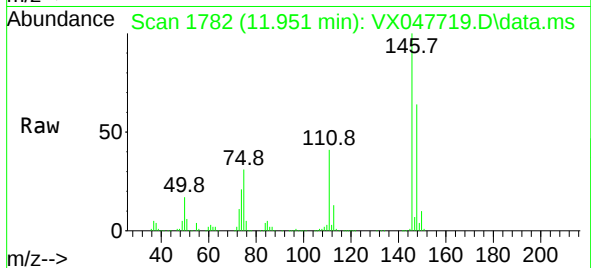
Tgt Ion:146 Resp: 217150
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.5 64.5
 148 64.0 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#88

1,4-Dichlorobenzene

Concen: 53.031 ug/l

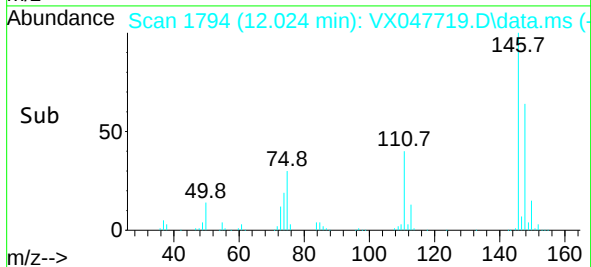
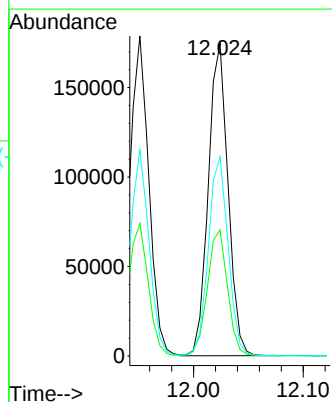
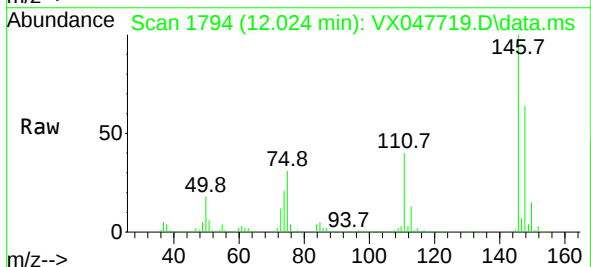
RT: 12.024 min Scan# 1794

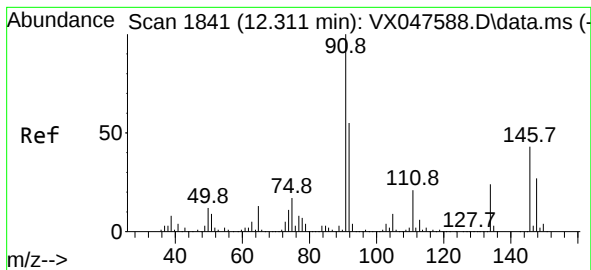
Delta R.T. -0.000 min

Lab File: VX047719.D

Acq: 23 Sep 2025 09:02

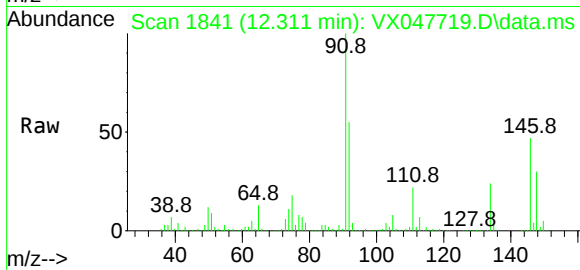
Tgt Ion:146 Resp: 217807
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.8 62.4
 148 64.0 31.7 95.1





#89
n-Butylbenzene
Concen: 53.292 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

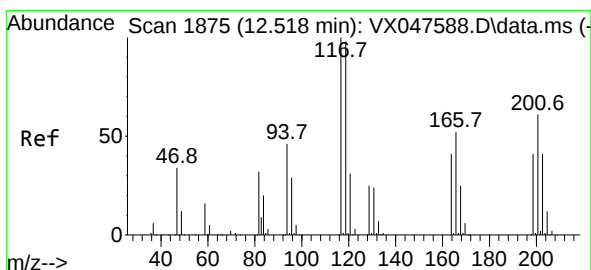
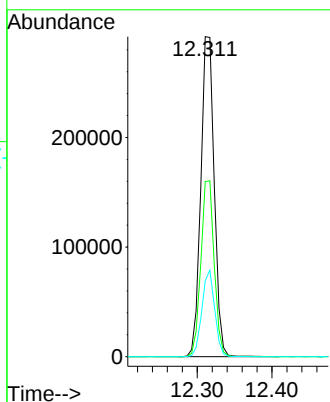
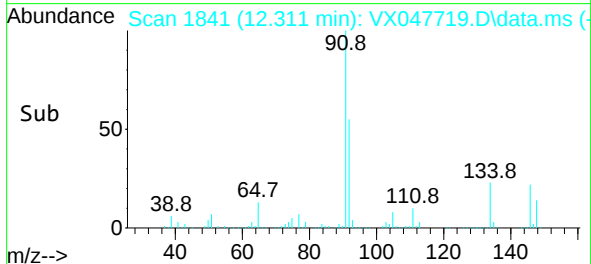
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 364819
Ion Ratio Lower Upper
91 100
92 54.6 27.6 82.7
134 25.7 12.6 37.8

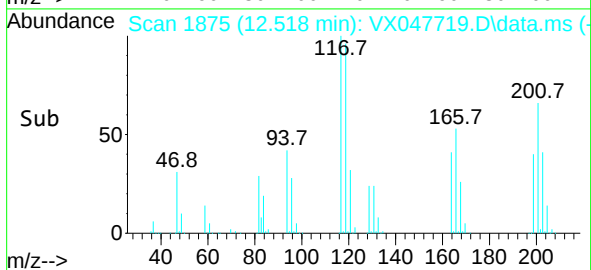
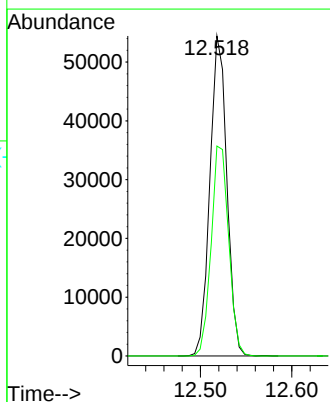
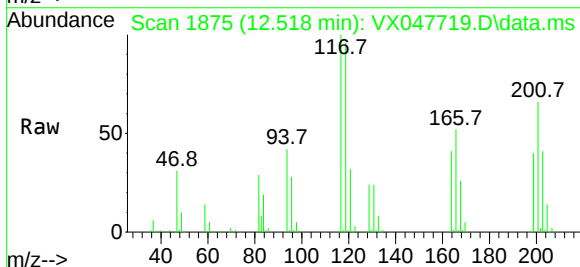
Manual Integrations
APPROVED

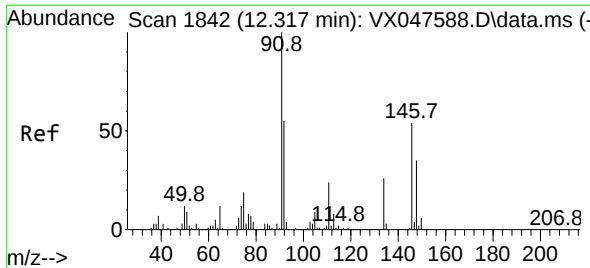
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#90
Hexachloroethane
Concen: 53.956 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

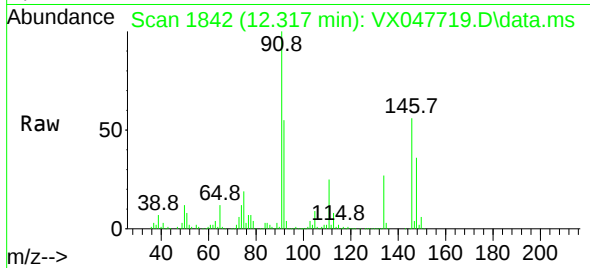
Tgt Ion:117 Resp: 70085
Ion Ratio Lower Upper
117 100
201 67.8 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 55.091 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

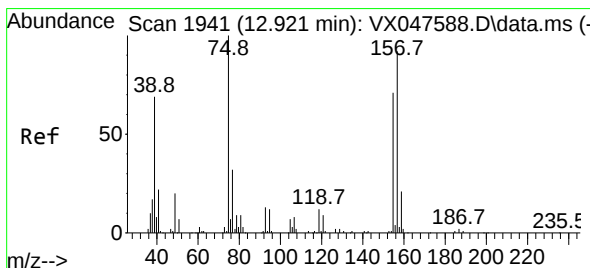
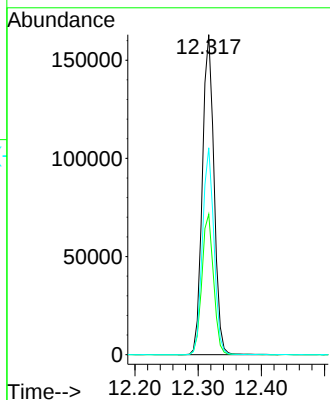
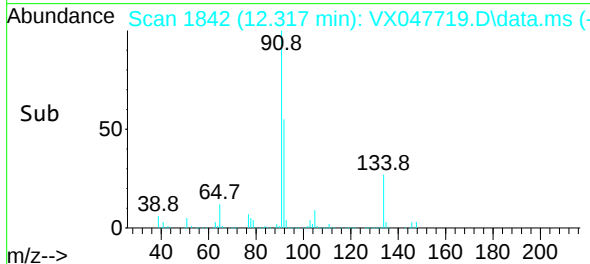
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



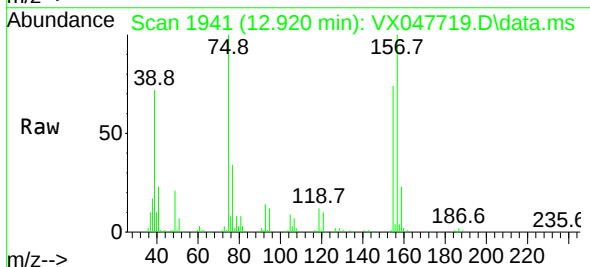
Tgt Ion:146 Resp: 21035
Ion Ratio Lower Upper
146 100
111 43.9 22.2 66.6
148 63.5 31.8 95.4

Manual Integrations
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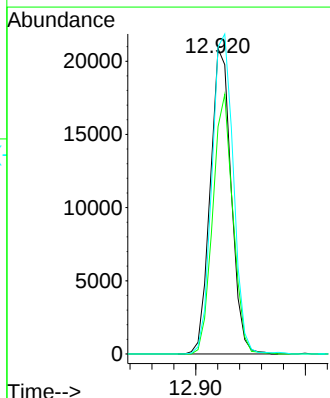
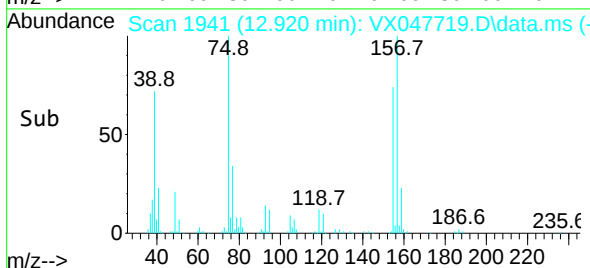
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.656 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02



Tgt Ion: 75 Resp: 27679
Ion Ratio Lower Upper
75 100
155 81.6 37.7 113.1
157 107.5 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 53.421 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX047719.D

Acq: 23 Sep 2025 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

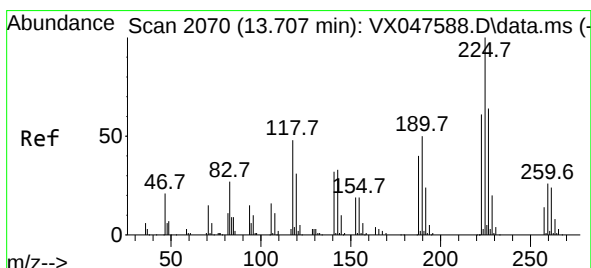
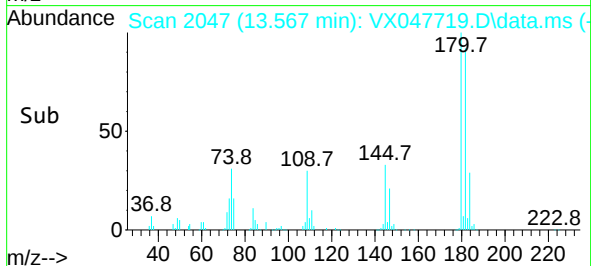
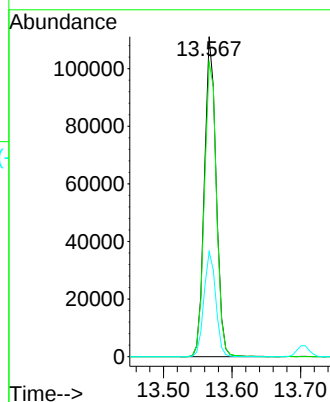
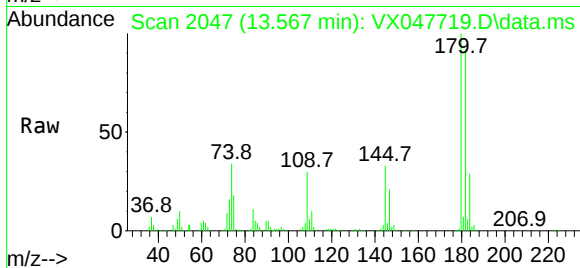
Tgt Ion:180	Resp: 13236
Ion Ratio	Lower Upper
180	100
182	95.3 46.6 139.8
145	33.1 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#94

Hexachlorobutadiene

Concen: 52.946 ug/l

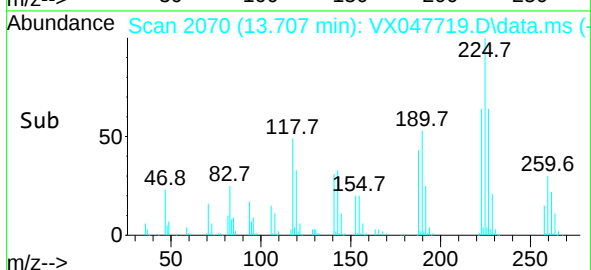
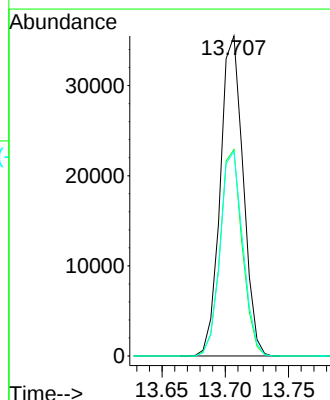
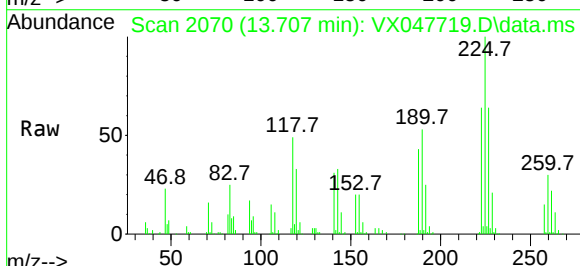
RT: 13.707 min Scan# 2070

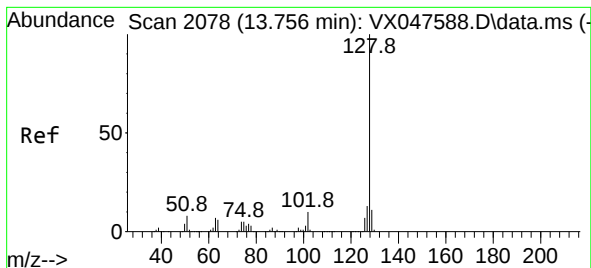
Delta R.T. -0.000 min

Lab File: VX047719.D

Acq: 23 Sep 2025 09:02

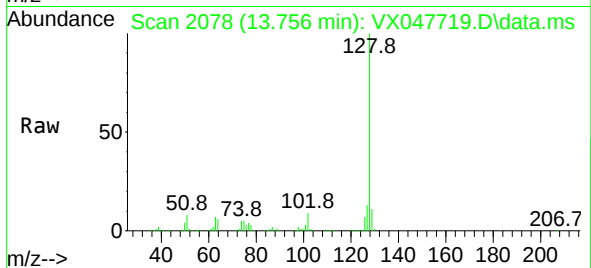
Tgt Ion:225	Resp: 44561
Ion Ratio	Lower Upper
225	100
223	62.3 31.7 95.1
227	63.2 32.0 96.0





#95
Naphthalene
Concen: 53.744 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02

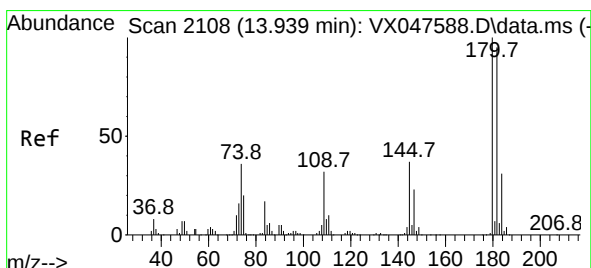
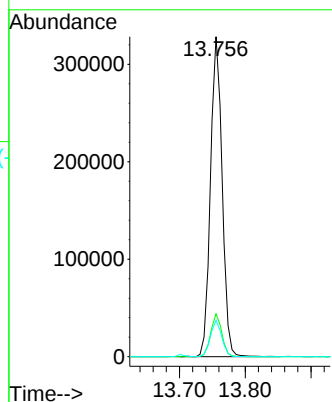
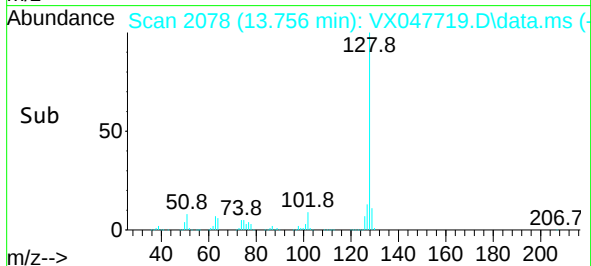
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



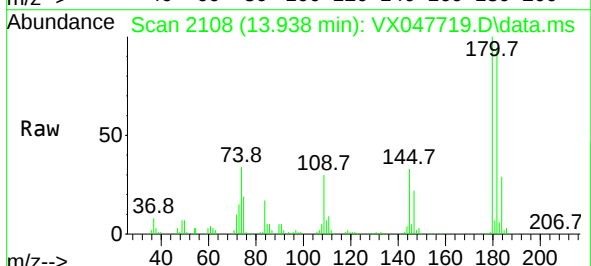
Tgt Ion:128 Resp: 405500
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#96
1,2,3-Trichlorobenzene
Concen: 55.060 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047719.D
Acq: 23 Sep 2025 09:02



Tgt Ion:180 Resp: 126908
Ion Ratio Lower Upper
180 100
182 93.8 47.6 142.8
145 33.8 17.9 53.7

