

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
 Data File : VX047422.D
 Acq On : 19 Aug 2025 18:43
 Operator : JC/MD
 Sample : VX0819MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/20/2025
 Supervised By : Mahesh Dadoda 08/20/2025

Quant Time: Aug 20 01:31:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	217656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	389692	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	369223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	195566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	181016	59.424	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 118.840%#			
35) Dibromofluoromethane	5.397	113	137460	54.351	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.700%			
50) Toluene-d8	8.653	98	474890	52.533	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.060%			
62) 4-Bromofluorobenzene	11.079	95	191963	57.545	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	45403	16.364	ug/l	98
3) Chloromethane	1.313	50	43447	17.406	ug/l	100
4) Vinyl Chloride	1.392	62	51779	16.528	ug/l	98
5) Bromomethane	1.630	94	18500	14.620	ug/l	98
6) Chloroethane	1.709	64	31406	16.384	ug/l	94
7) Trichlorofluoromethane	1.904	101	77554	16.736	ug/l	99
8) Diethyl Ether	2.148	74	30099	18.446	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.349	101	43470	16.171	ug/l	99
10) Methyl Iodide	2.471	142	45388	9.853	ug/l	98
11) Tert butyl alcohol	2.959	59	26924	101.600	ug/l	97
12) 1,1-Dichloroethene	2.337	96	46579	16.997	ug/l	99
13) Acrolein	2.251	56	49098	87.769	ug/l	100
14) Allyl chloride	2.678	41	78007	16.389	ug/l	99
15) Acrylonitrile	3.081	53	124254	97.034	ug/l	99
16) Acetone	2.392	43	98519	86.043	ug/l	99
17) Carbon Disulfide	2.532	76	131183	15.863	ug/l	99
18) Methyl Acetate	2.715	43	61205	20.628	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	155929	18.703	ug/l	97
20) Methylene Chloride	2.806	84	56727	18.710	ug/l	97
21) trans-1,2-Dichloroethene	3.111	96	51609	17.743	ug/l	88
22) Diisopropyl ether	3.776	45	180177	19.150	ug/l	99
23) Vinyl Acetate	3.733	43	712541	92.397	ug/l	99
24) 1,1-Dichloroethane	3.623	63	95321	17.924	ug/l	98
25) 2-Butanone	4.574	43	147043	98.057	ug/l	99
26) 2,2-Dichloropropane	4.483	77	56086	13.973	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	60965	17.996	ug/l	97
28) Bromochloromethane	4.910	49	51051	23.069	ug/l	99
29) Tetrahydrofuran	5.025	42	90632	93.509	ug/l	99
30) Chloroform	5.105	83	101108	18.629	ug/l	96
31) Cyclohexane	5.483	56	80561	16.433	ug/l	96
32) 1,1,1-Trichloroethane	5.397	97	82728	17.709	ug/l	98
36) 1,1-Dichloropropene	5.708	75	64123	16.061	ug/l	99
37) Ethyl Acetate	4.727	43	68965	16.639	ug/l	98
38) Carbon Tetrachloride	5.690	117	71101	16.297	ug/l	95
39) Methylcyclohexane	7.385	83	71933	14.444	ug/l	96
40) Benzene	6.050	78	209798	17.556	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	29976	17.151	ug/l	94
42) 1,2-Dichloroethane	6.092	62	76576	18.091	ug/l	98
43) Isopropyl Acetate	6.348	43	105673	17.747	ug/l	98
44) Trichloroethene	7.135	130	51380	16.792	ug/l	98
45) 1,2-Dichloropropane	7.433	63	53743	17.952	ug/l	100
46) Dibromomethane	7.586	93	39254	18.061	ug/l	99
47) Bromodichloromethane	7.824	83	80794	17.931	ug/l	99
48) Methyl methacrylate	7.696	41	53817	17.413	ug/l	99
49) 1,4-Dioxane	7.696	88	11761	391.442	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	326538	95.299	ug/l	97
52) Toluene	8.720	92	130336	17.650	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	67621	17.196	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	76009	17.077	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	52564	18.748	ug/l	94
56) Ethyl methacrylate	9.116	69	72318	17.495	ug/l	97
57) 1,3-Dichloropropane	9.311	76	87313	18.276	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	181735	97.351	ug/l	98
59) 2-Hexanone	9.433	43	218441	92.163	ug/l	99
60) Dibromochloromethane	9.518	129	60036	18.019	ug/l	100
61) 1,2-Dibromoethane	9.610	107	52136	18.033	ug/l	98
64) Tetrachloroethene	9.275	164	43155	16.159	ug/l	97
65) Chlorobenzene	10.079	112	147079	16.763	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	49065	16.542	ug/l	98
67) Ethyl Benzene	10.195	91	247458	16.386	ug/l	99
68) m/p-Xylenes	10.299	106	186051	33.040	ug/l	98
69) o-Xylene	10.640	106	89325	16.484	ug/l	100
70) Styrene	10.652	104	157391	17.190	ug/l	100
71) Bromoform	10.799	173	39189	17.587	ug/l #	97
73) Isopropylbenzene	10.963	105	232267	15.177	ug/l	100
74) N-amyl acetate	10.841	43	89988	15.484	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	74720	16.629	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	58209m	16.228	ug/l	
77) Bromobenzene	11.195	156	59943	16.040	ug/l	98
78) n-propylbenzene	11.305	91	278882	15.258	ug/l	100
79) 2-Chlorotoluene	11.360	91	175535	15.887	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	193559	15.372	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8748	16.799	ug/l	96
82) 4-Chlorotoluene	11.451	91	199851	15.344	ug/l	99
83) tert-Butylbenzene	11.713	119	192653	15.335	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	199405	15.836	ug/l	100
85) sec-Butylbenzene	11.890	105	235440	15.121	ug/l	100
86) p-Isopropyltoluene	12.006	119	197454	14.986	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	112321	15.733	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	114851	15.641	ug/l	98
89) n-Butylbenzene	12.329	91	177953	14.520	ug/l	99
90) Hexachloroethane	12.536	117	34232	14.809	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	109912	16.220	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12992	14.951	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	65637	14.448	ug/l	99
94) Hexachlorobutadiene	13.719	225	20873	12.908	ug/l	98
95) Naphthalene	13.774	128	203653	15.687	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	64894	15.155	ug/l	99

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

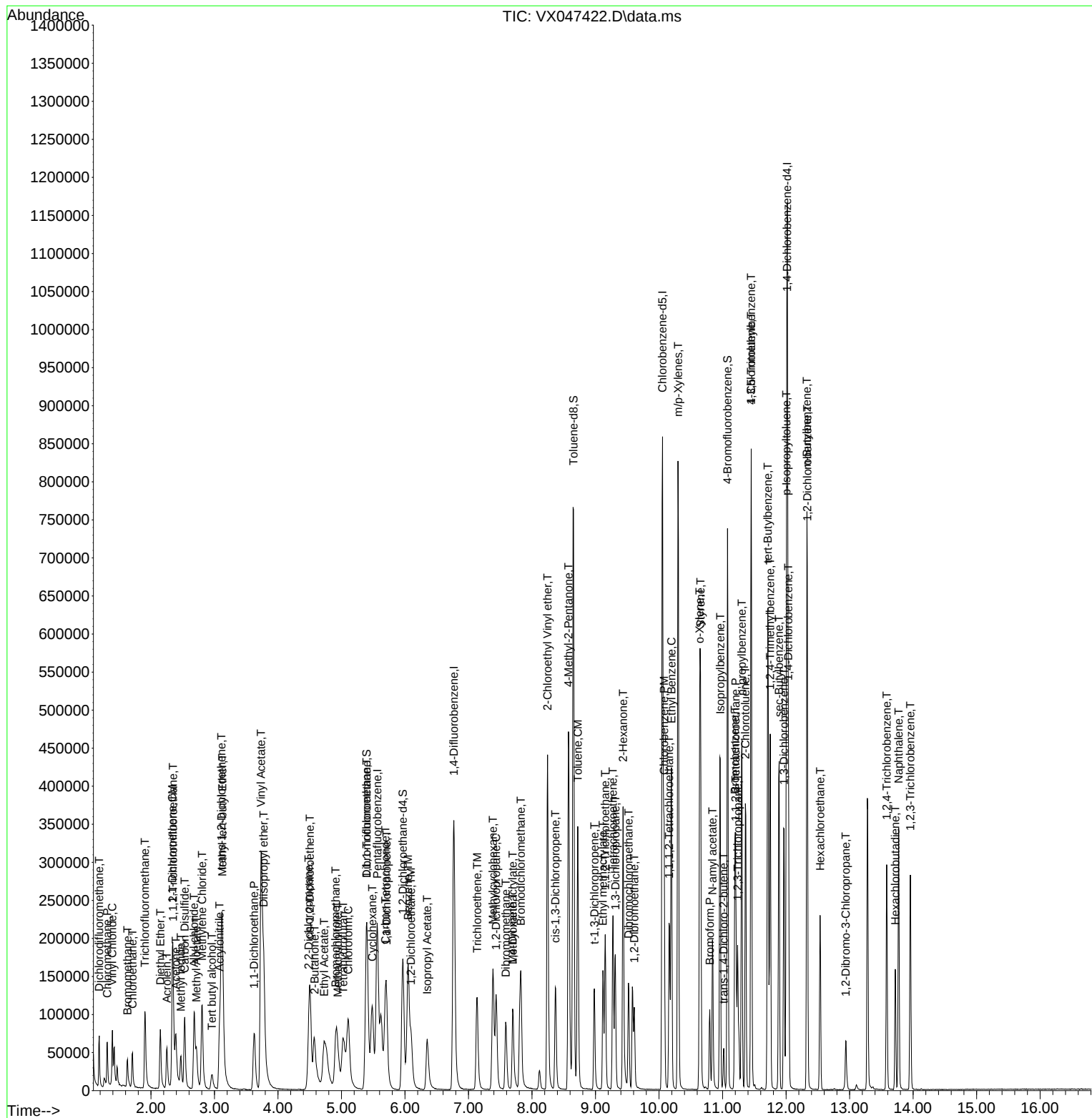
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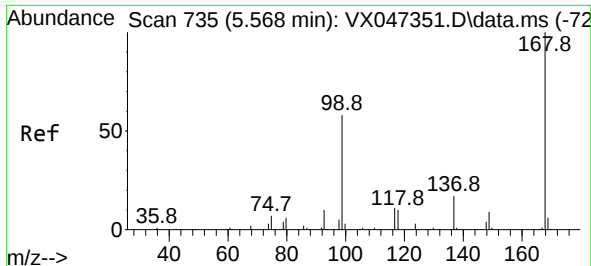
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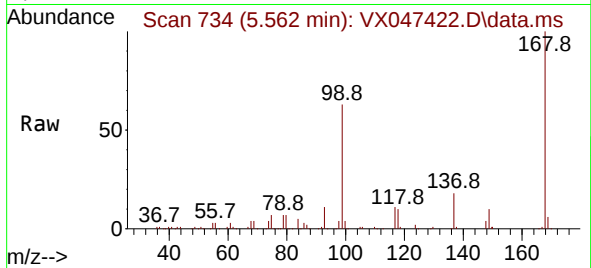
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

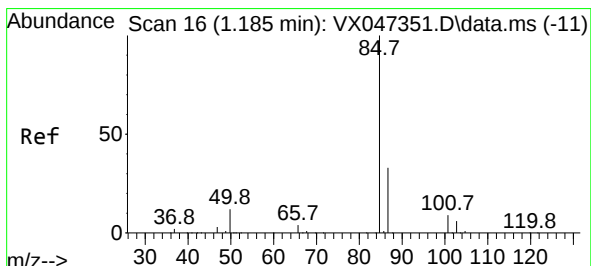
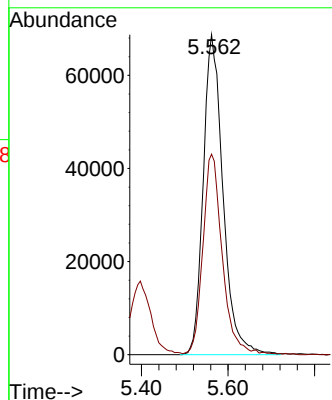
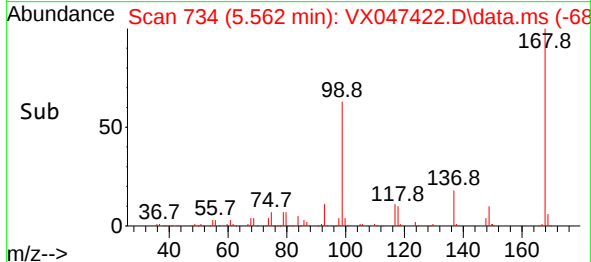
Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01



Tgt Ion:168 Resp: 217650
Ion Ratio Lower Upper
168 100
99 62.3 47.9 71.9

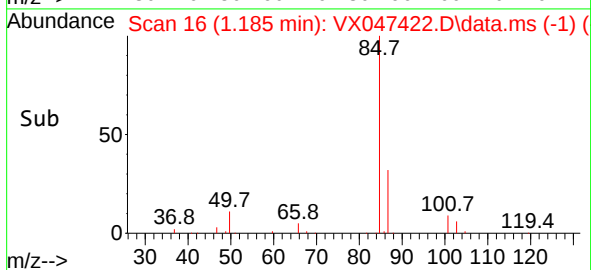
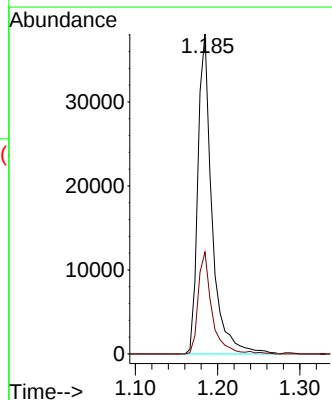
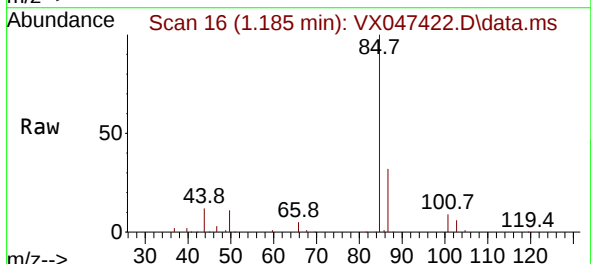
Manual Integrations
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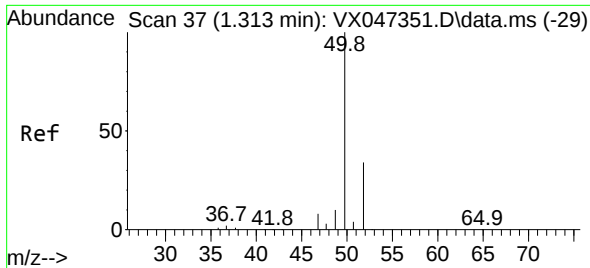
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#2
Dichlorodifluoromethane
Concen: 16.364 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

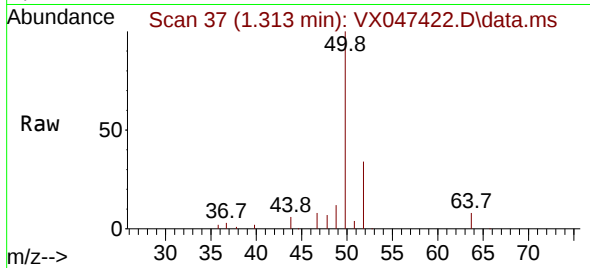
Tgt Ion: 85 Resp: 45403
Ion Ratio Lower Upper
85 100
87 31.8 16.4 49.1





#3
Chloromethane
Concen: 17.406 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

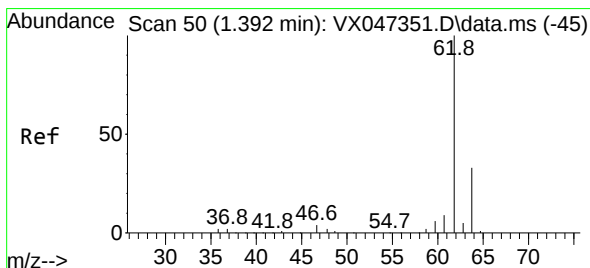
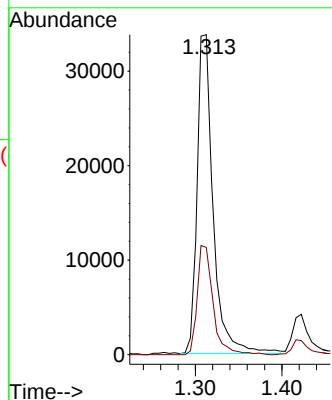
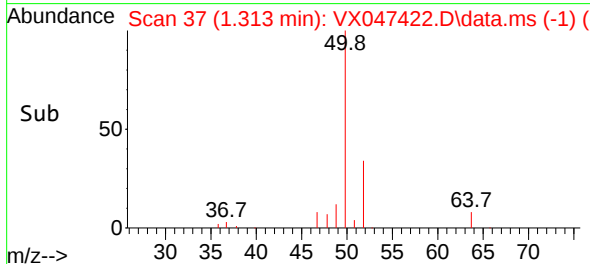
Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01



Tgt Ion: 50 Resp: 4344
Ion Ratio Lower Upper
50 100
52 33.7 27.0 40.4

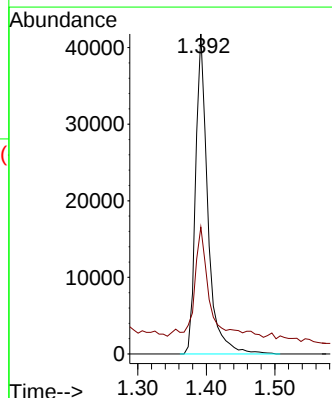
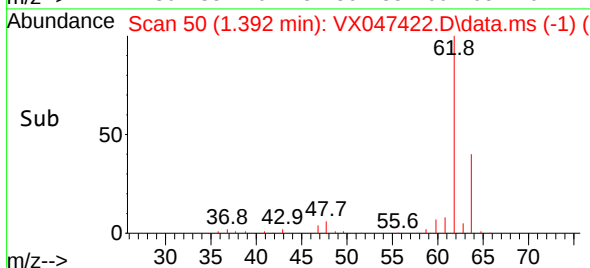
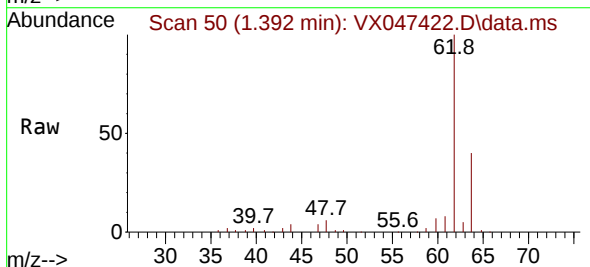
Manual Integrations
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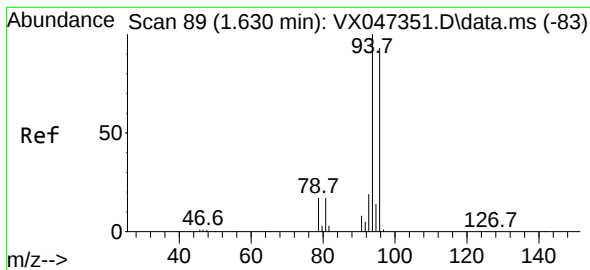
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#4
Vinyl Chloride
Concen: 16.528 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

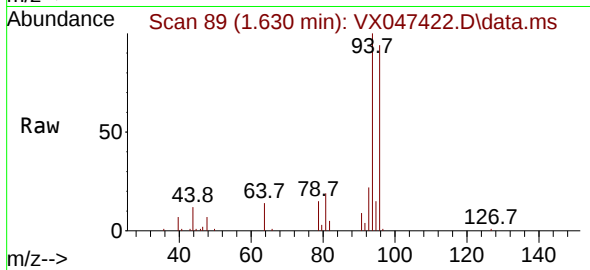
Tgt Ion: 62 Resp: 51779
Ion Ratio Lower Upper
62 100
64 34.0 26.5 39.7





#5
Bromomethane
Concen: 14.620 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

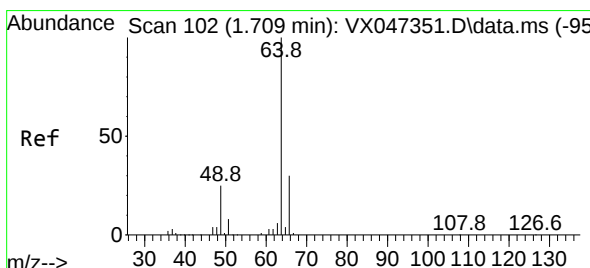
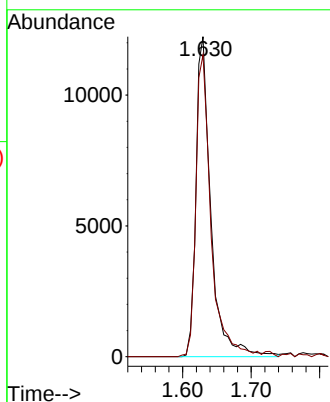
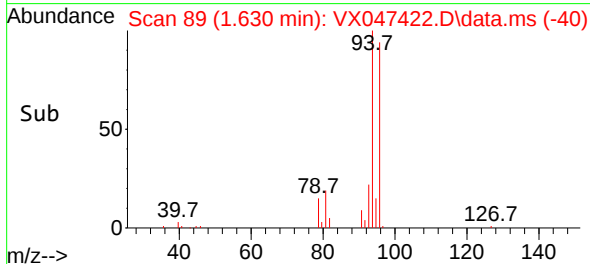
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Tgt Ion: 94 Resp: 18500
Ion Ratio Lower Upper
94 100
96 95.7 74.7 112.1

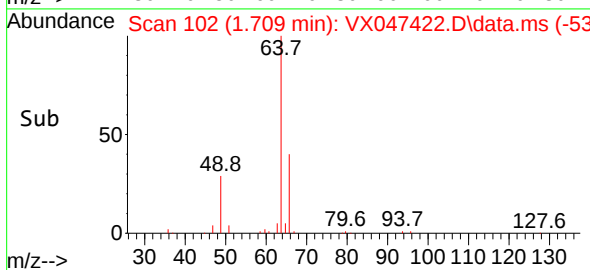
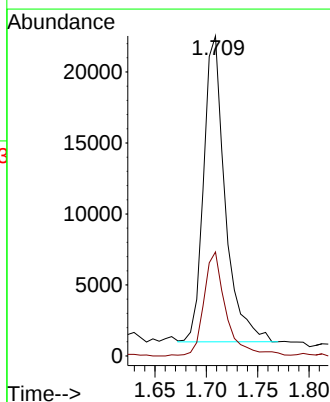
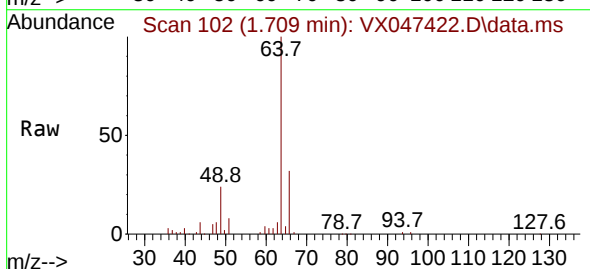
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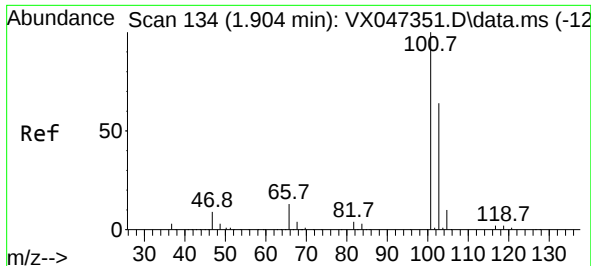
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#6
Chloroethane
Concen: 16.384 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

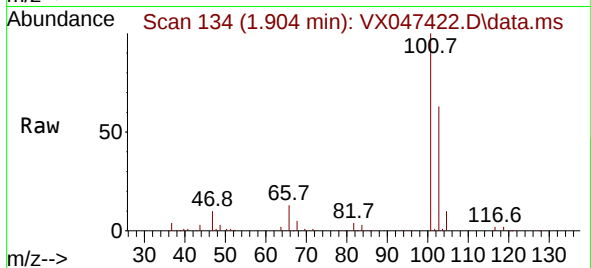
Tgt Ion: 64 Resp: 31406
Ion Ratio Lower Upper
64 100
66 33.8 24.4 36.6





#7
Trichlorofluoromethane
Concen: 16.736 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

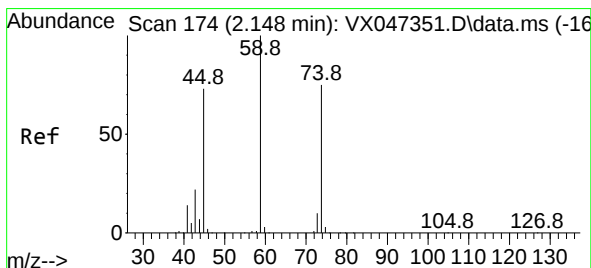
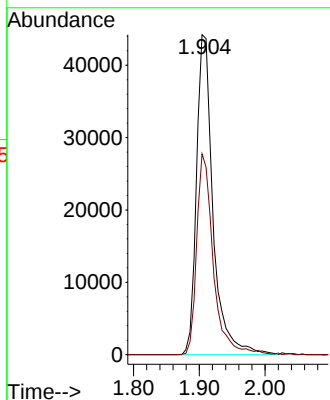
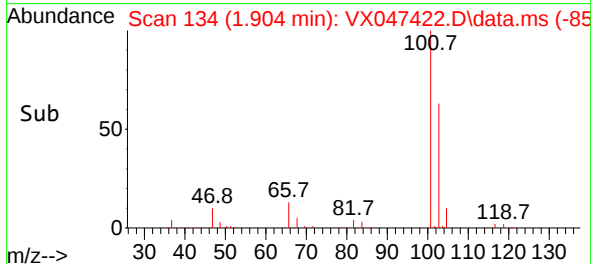
Instrument :
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Tgt Ion:101 Resp: 77554
Ion Ratio Lower Upper
101 100
103 62.7 50.9 76.3

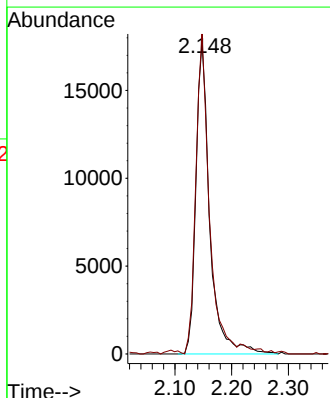
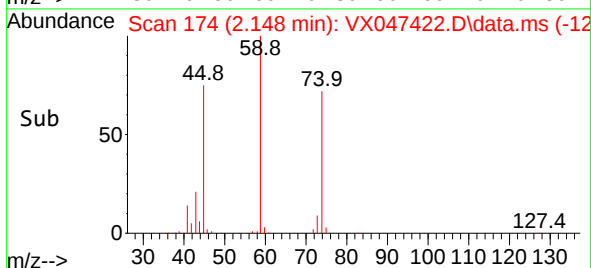
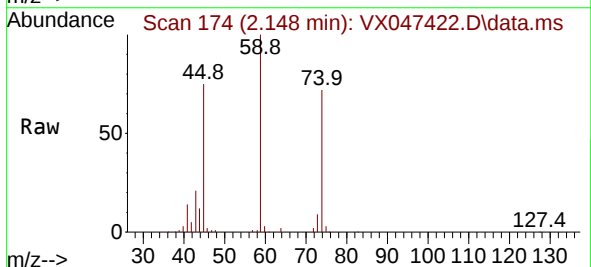
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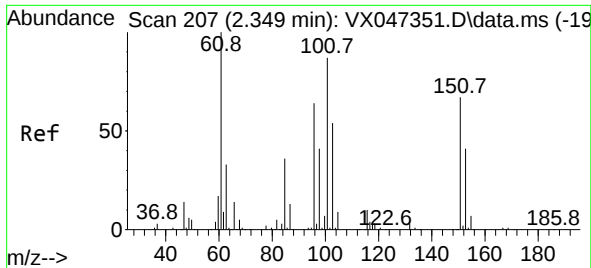
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#8
Diethyl Ether
Concen: 18.446 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

Tgt Ion: 74 Resp: 30099
Ion Ratio Lower Upper
74 100
45 98.1 51.3 154.0





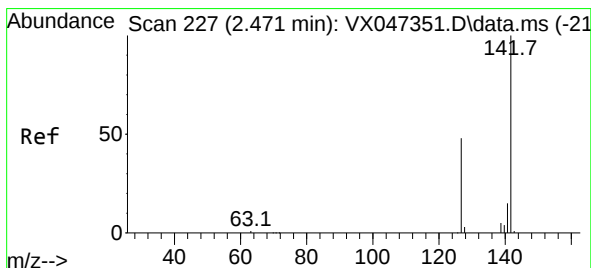
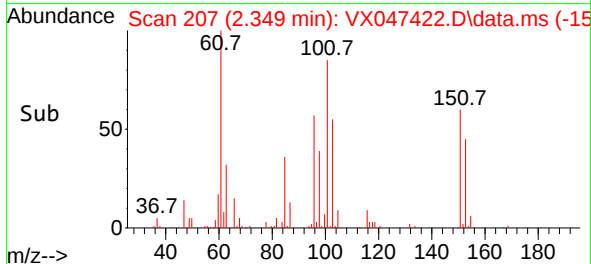
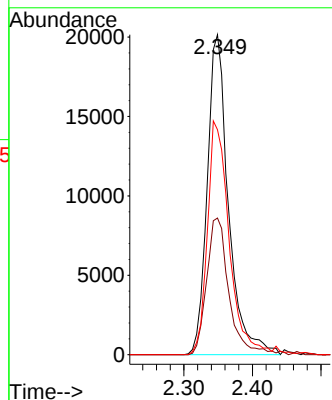
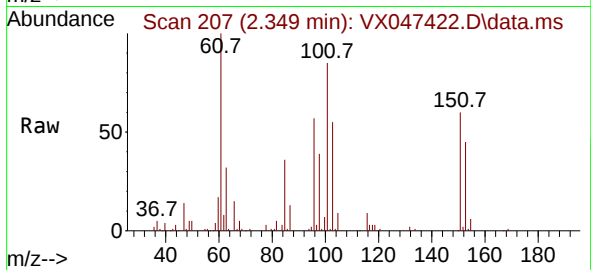
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.171 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01

Tgt Ion:101 Resp: 43470
Ion Ratio Lower Upper
101 100
85 44.7 34.3 51.5
151 74.5 59.2 88.8

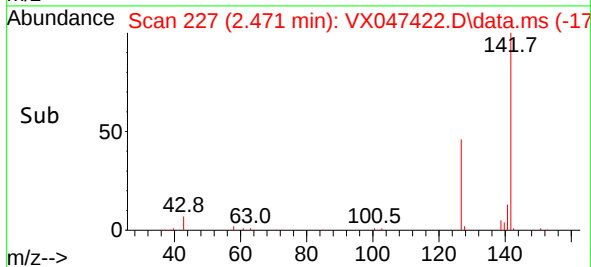
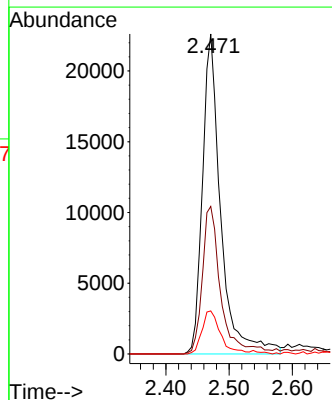
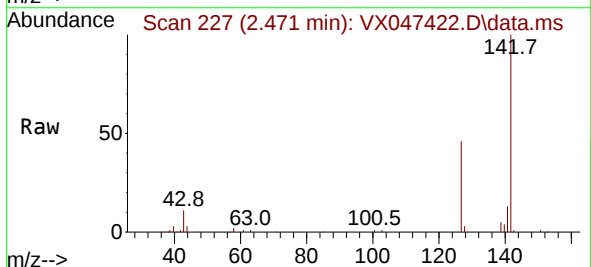
Manual Integrations
APPROVED

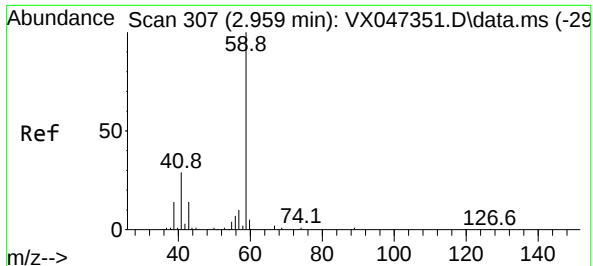
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#10
Methyl Iodide
Concen: 9.853 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

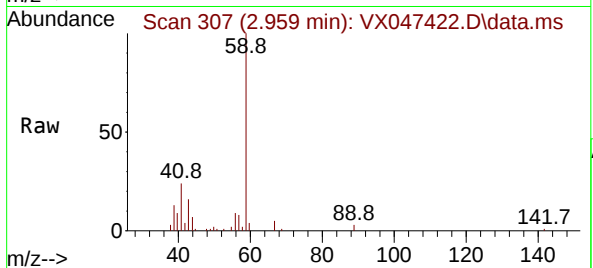
Tgt Ion:142 Resp: 45388
Ion Ratio Lower Upper
142 100
127 46.6 36.1 54.1
141 13.7 11.1 16.7





#11
Tert butyl alcohol
Concen: 101.600 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

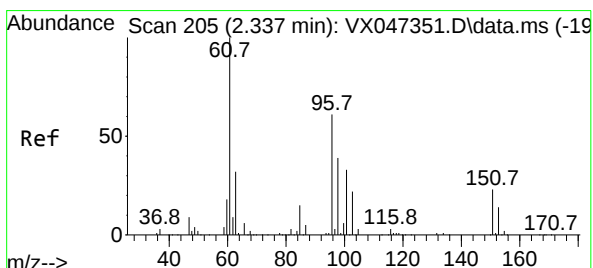
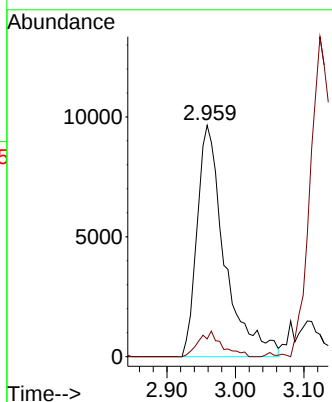
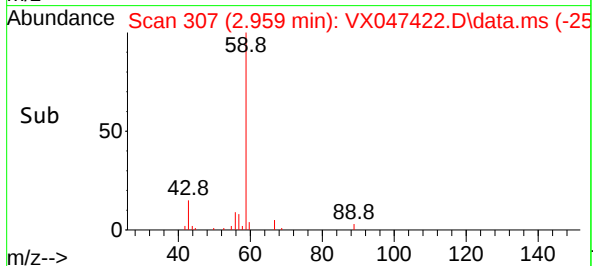
Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01



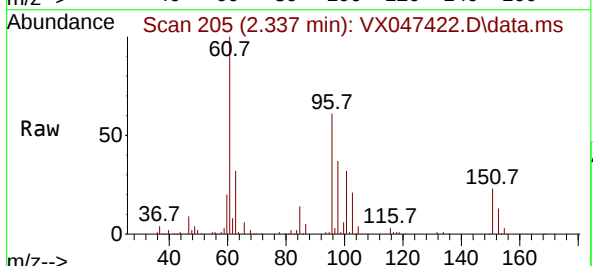
Tgt Ion: 59 Resp: 26924
Ion Ratio Lower Upper
59 100
57 9.3 8.3 12.5

Manual Integrations
APPROVED

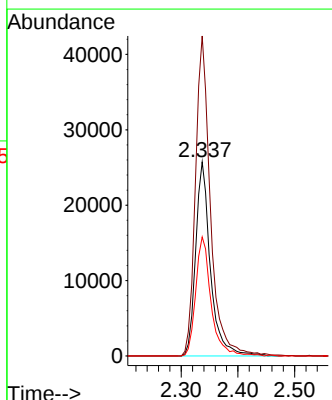
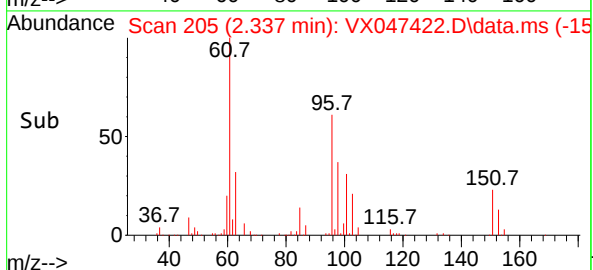
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

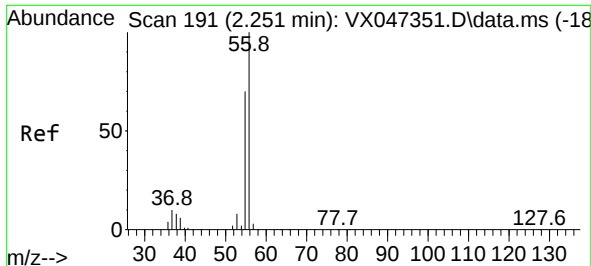


#12
1,1-Dichloroethene
Concen: 16.997 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43



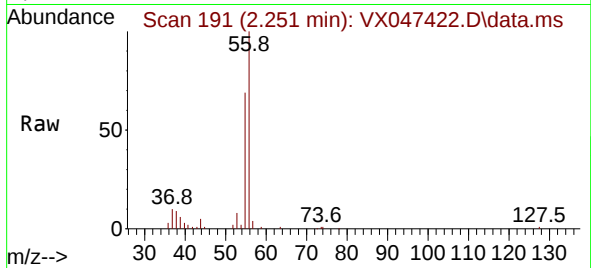
Tgt Ion: 96 Resp: 46579
Ion Ratio Lower Upper
96 100
61 164.9 132.2 198.2
98 61.4 51.2 76.8





#13
Acrolein
Concen: 87.769 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

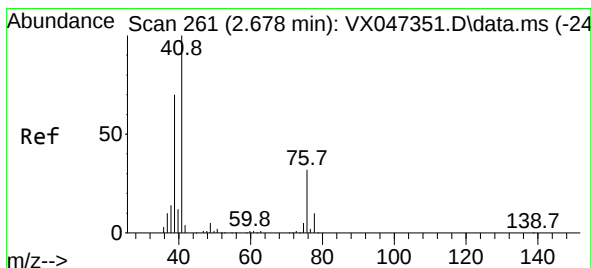
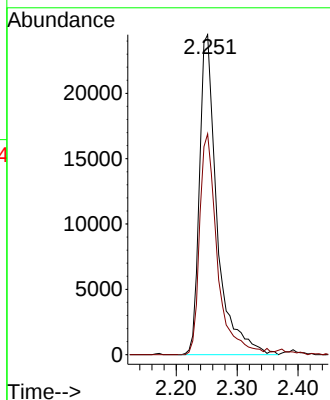
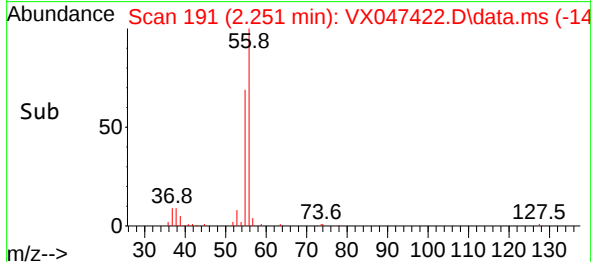
Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01



Tgt Ion: 56 Resp: 49098
Ion Ratio Lower Upper
56 100
55 69.2 55.5 83.3

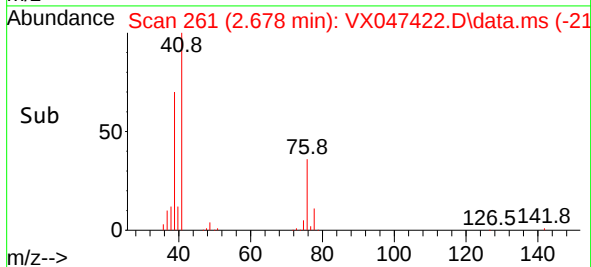
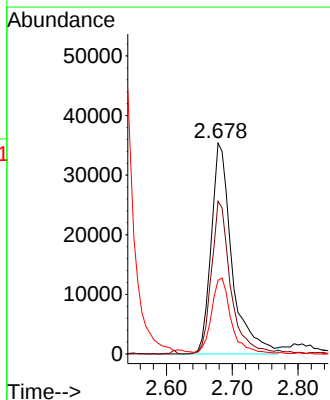
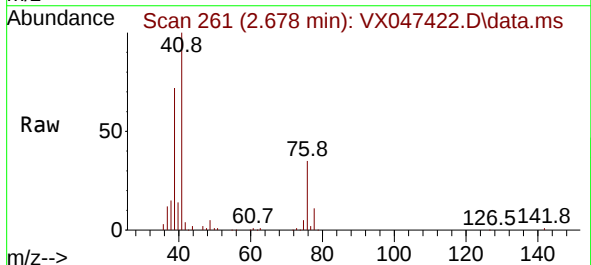
Manual Integrations
APPROVED

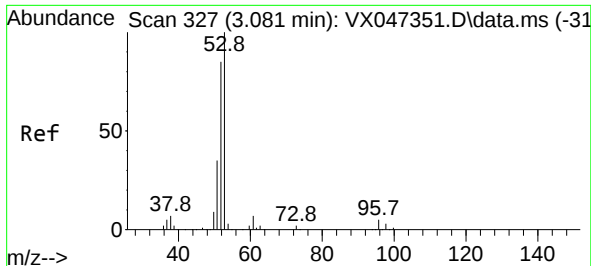
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#14
Allyl chloride
Concen: 16.389 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

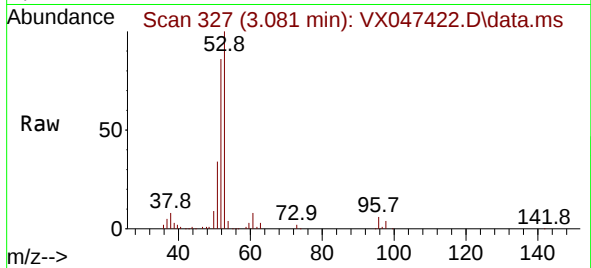
Tgt Ion: 41 Resp: 78007
Ion Ratio Lower Upper
41 100
39 67.8 54.6 81.8
76 33.6 27.6 41.4





#15
Acrylonitrile
Concen: 97.034 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

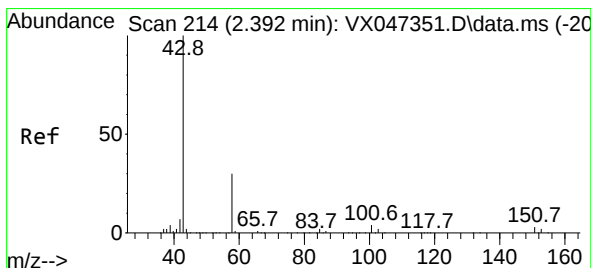
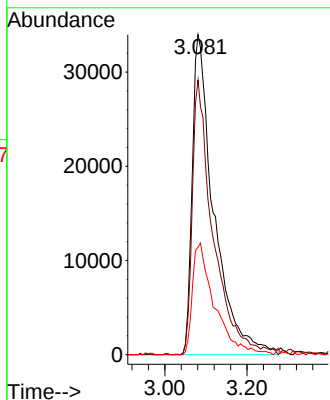
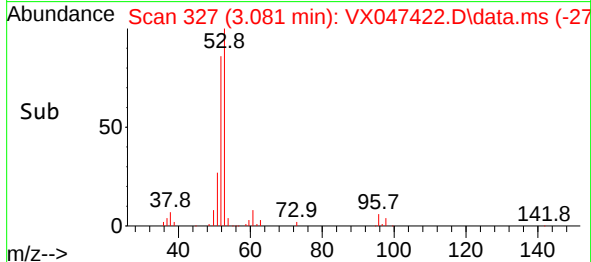
Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01



Tgt Ion: 53 Resp: 124254
Ion Ratio Lower Upper
53 100
52 81.0 65.8 98.6
51 35.7 28.2 42.2

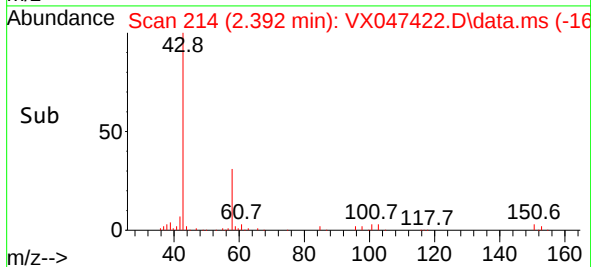
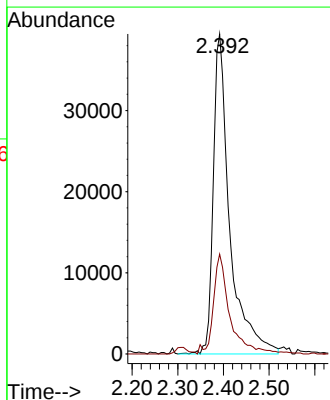
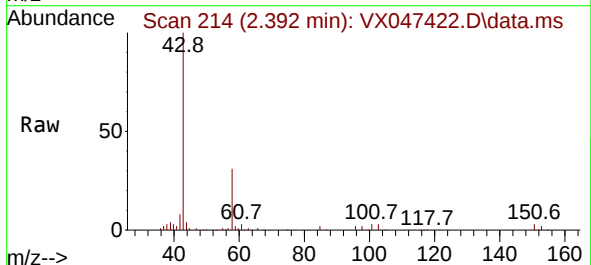
Manual Integrations
APPROVED

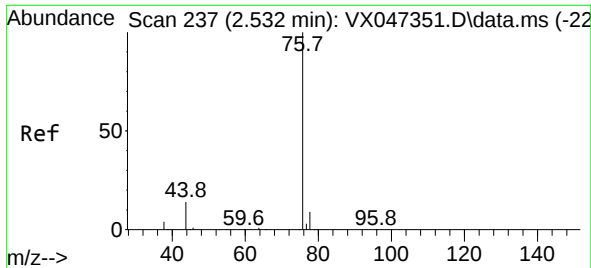
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#16
Acetone
Concen: 86.043 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

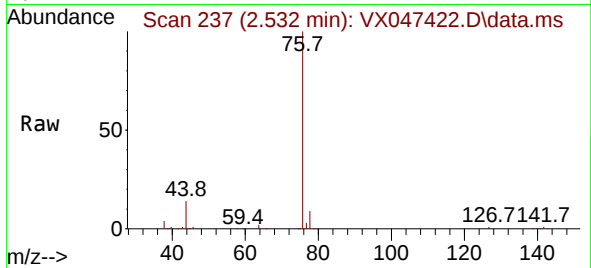
Tgt Ion: 43 Resp: 98519
Ion Ratio Lower Upper
43 100
58 30.7 24.8 37.2





#17
Carbon Disulfide
Concen: 15.863 ug/l
RT: 2.532 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

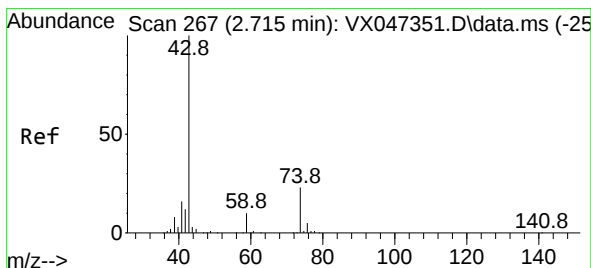
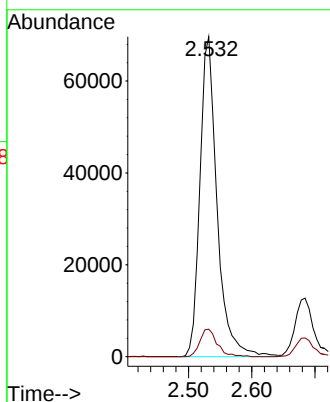
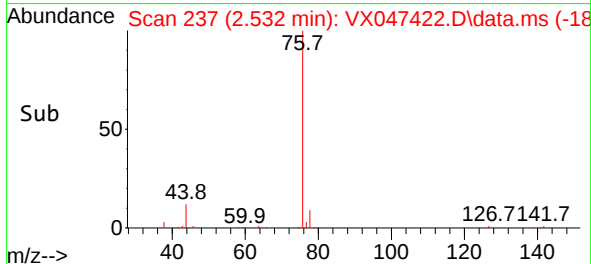
Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01



Tgt Ion: 76 Resp: 13118
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

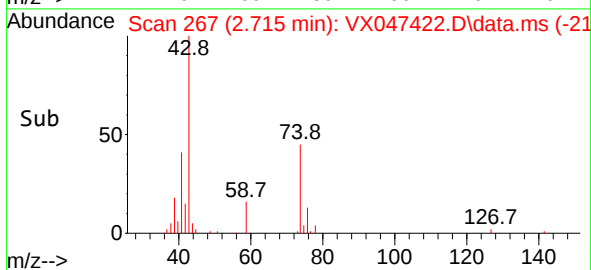
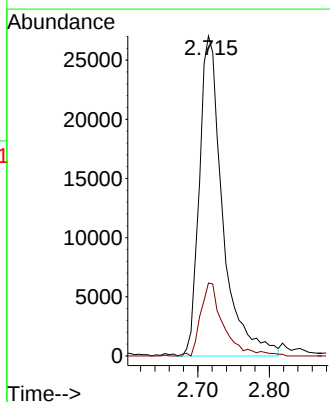
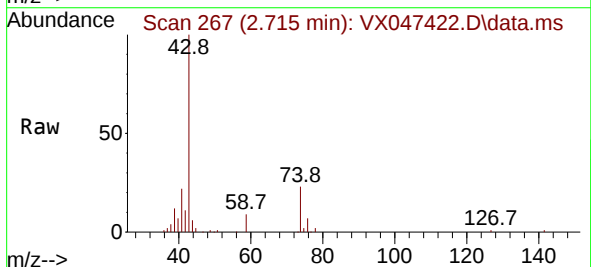
Manual Integrations
APPROVED

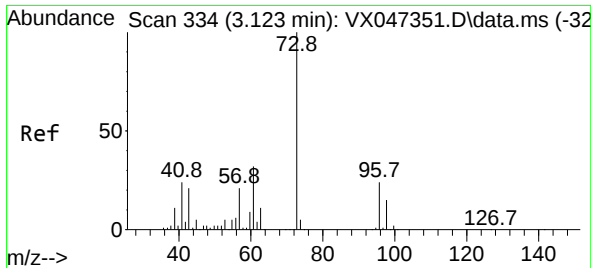
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#18
Methyl Acetate
Concen: 20.628 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

Tgt Ion: 43 Resp: 61205
Ion Ratio Lower Upper
43 100
74 22.5 18.4 27.6





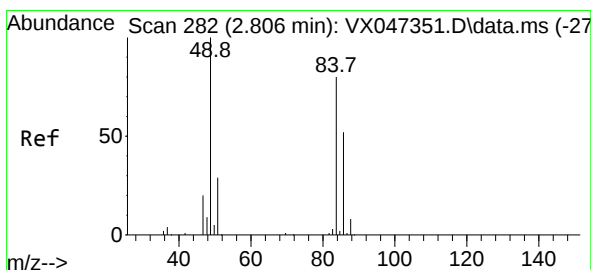
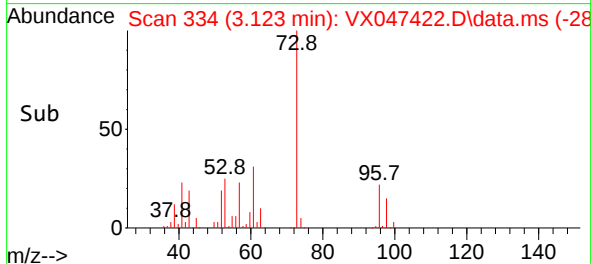
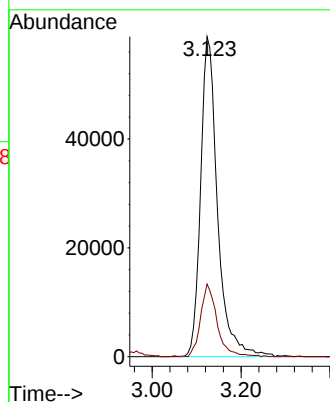
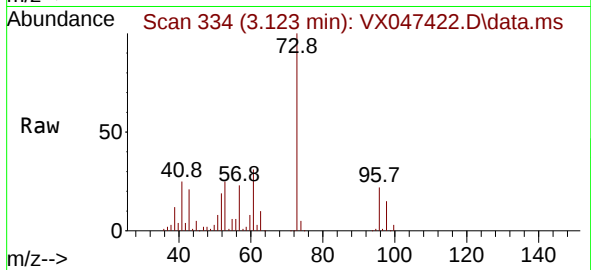
#19
Methyl tert-butyl Ether
Concen: 18.703 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01

Tgt Ion: 73 Resp: 155929
Ion Ratio Lower Upper
73 100
57 22.7 17.0 25.6

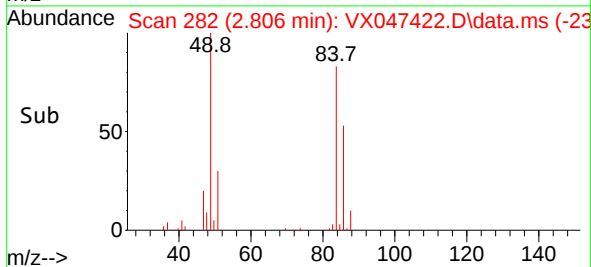
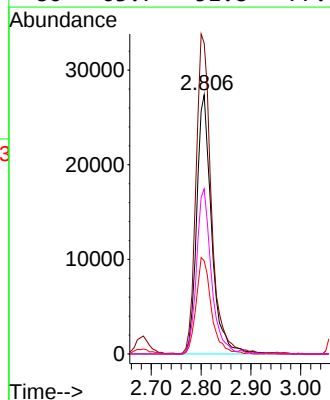
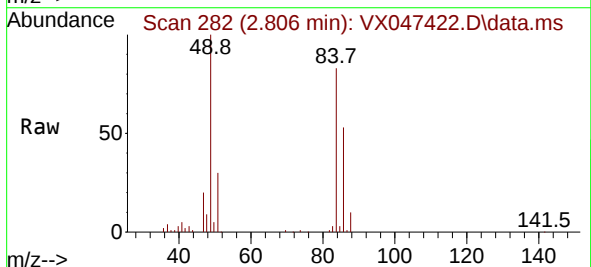
Manual Integrations
APPROVED

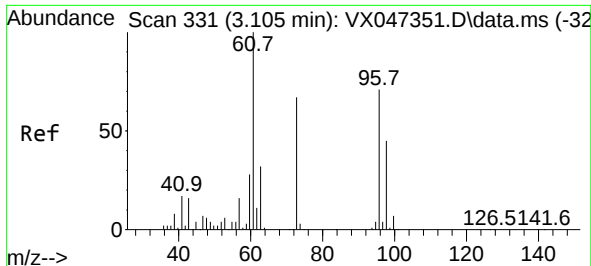
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#20
Methylene Chloride
Concen: 18.710 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

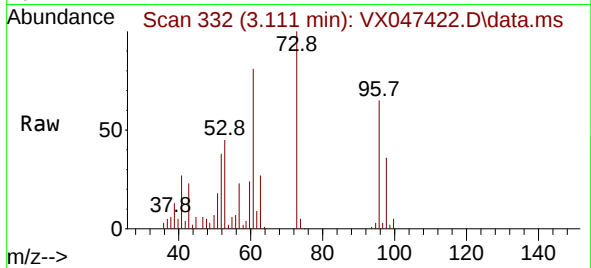
Tgt Ion: 84 Resp: 56727
Ion Ratio Lower Upper
84 100
49 119.9 100.1 150.1
51 36.6 29.5 44.3
86 63.7 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 17.743 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

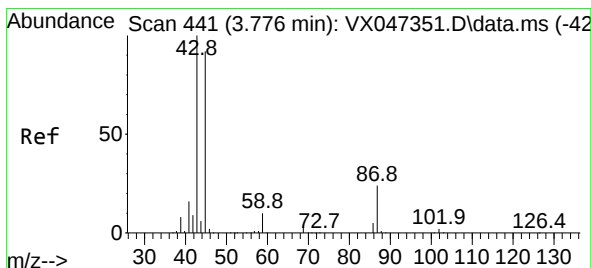
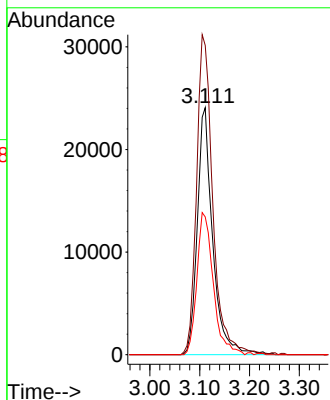
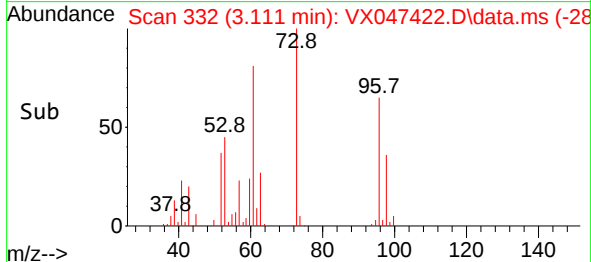
Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01



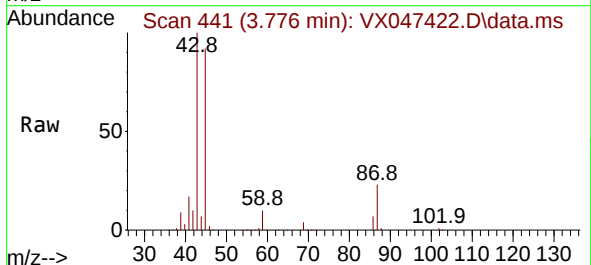
Tgt Ion: 96 Resp: 51609
Ion Ratio Lower Upper
96 100
61 125.2 112.6 169.0
98 55.8 50.9 76.3

Manual Integrations
APPROVED

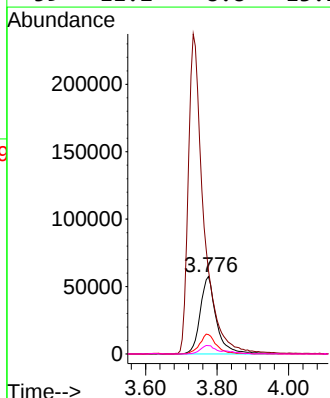
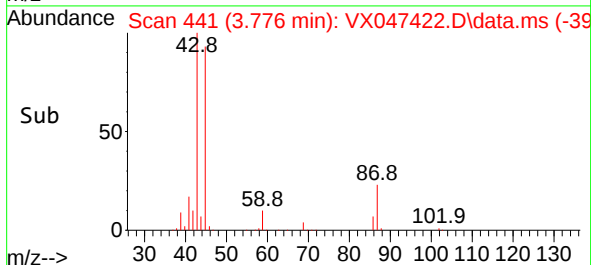
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

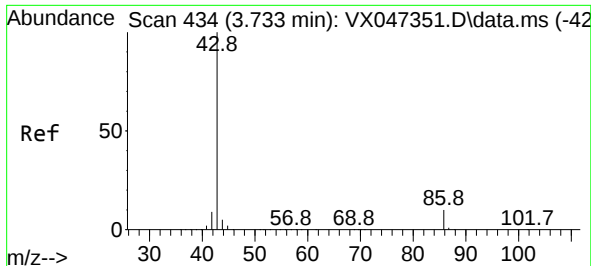


#22
Diisopropyl ether
Concen: 19.150 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43



Tgt Ion: 45 Resp: 180177
Ion Ratio Lower Upper
45 100
43 106.9 86.8 130.2
87 25.1 20.4 30.6
59 11.2 8.8 13.2





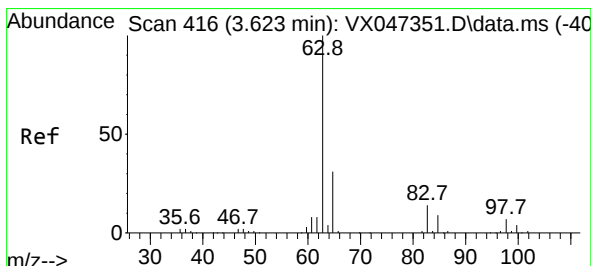
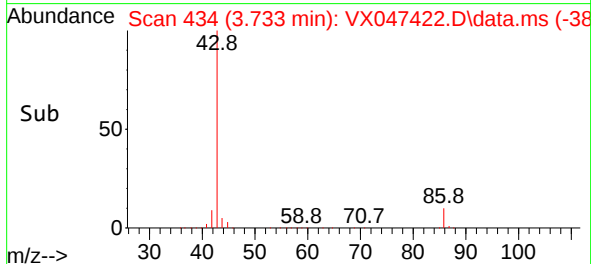
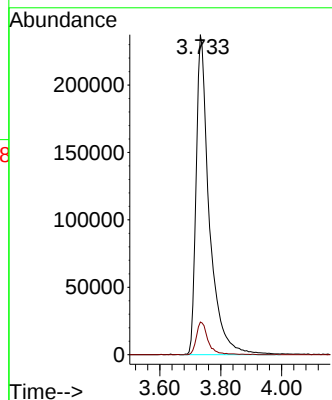
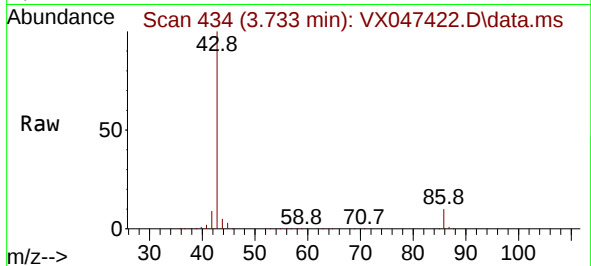
#23
 Vinyl Acetate
 Concen: 92.397 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX047422.D
 Acq: 19 Aug 2025 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819MBS01

Tgt Ion: 43 Resp: 71254
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.9 11.9

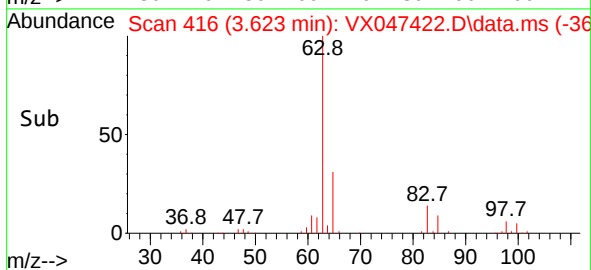
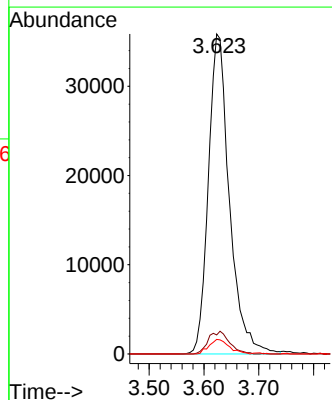
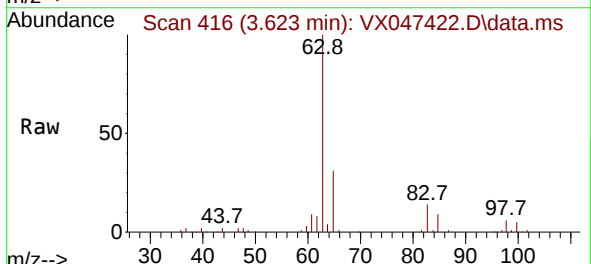
Manual Integrations
 APPROVED

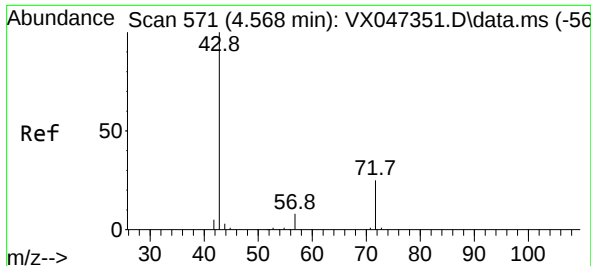
Reviewed By :John Carlone 08/20/2025
 Supervised By :Mahesh Dadoda 08/20/2025



#24
 1,1-Dichloroethane
 Concen: 17.924 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047422.D
 Acq: 19 Aug 2025 18:43

Tgt Ion: 63 Resp: 95321
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 4.5 2.1 6.3





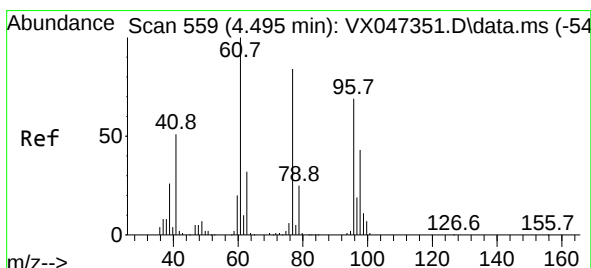
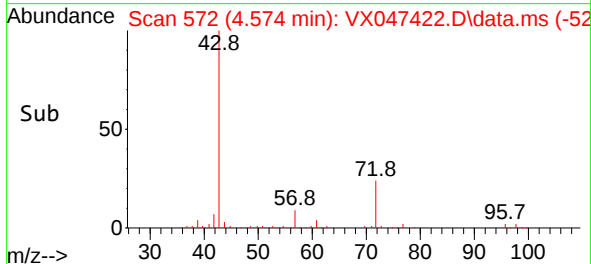
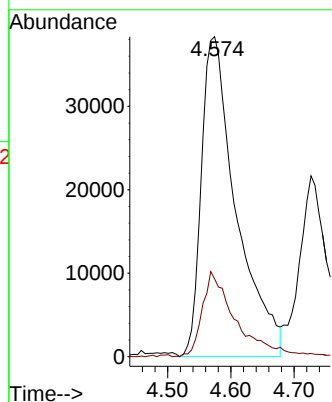
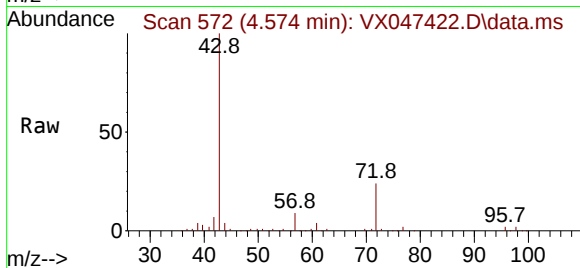
#25
2-Butanone
Concen: 98.057 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01

Tgt Ion: 43 Resp: 14704
Ion Ratio Lower Upper
43 100
72 24.4 19.8 29.8

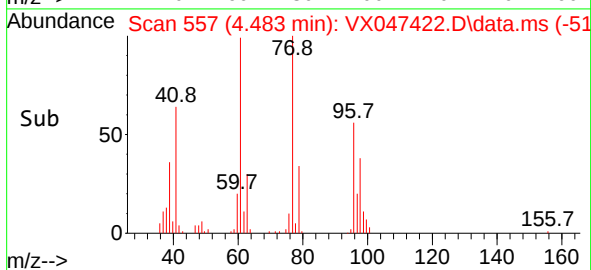
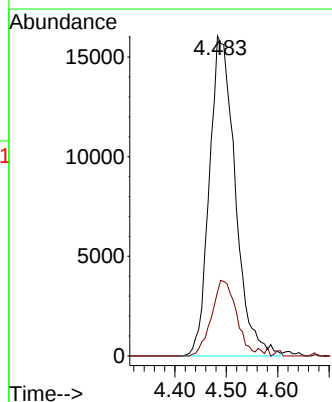
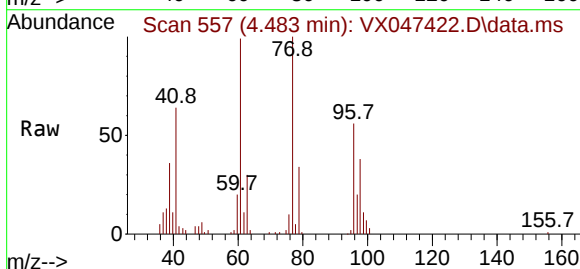
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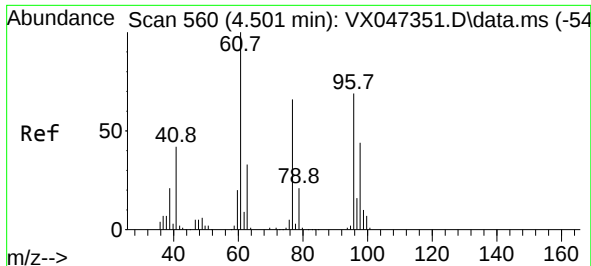
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#26
2,2-Dichloropropane
Concen: 13.973 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

Tgt Ion: 77 Resp: 56086
Ion Ratio Lower Upper
77 100
97 22.6 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 17.996 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.000 min

Lab File: VX047422.D

Acq: 19 Aug 2025 18:43

Instrument :

MSVOA_X

ClientSampleId :

VX0819MBS01

Tgt Ion: 96 Resp: 6096

Ion Ratio Lower Upper

96 100

61 142.7 0.0 296.6

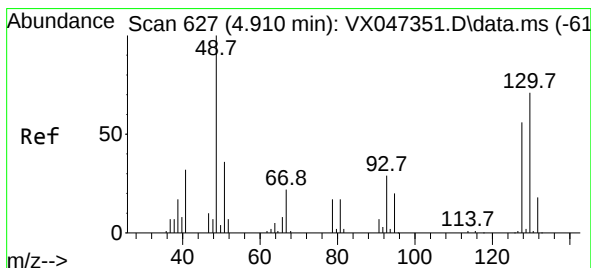
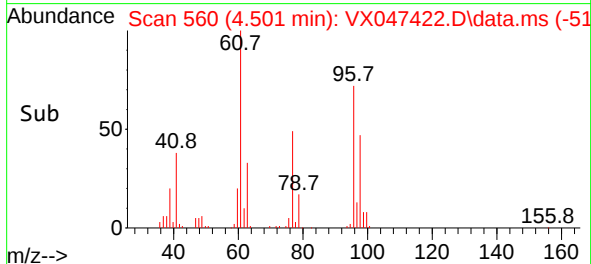
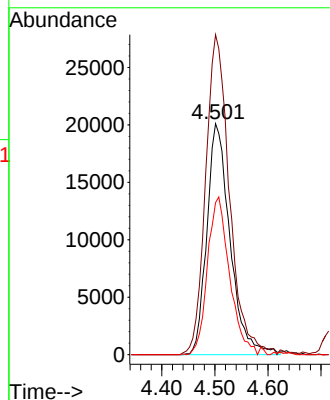
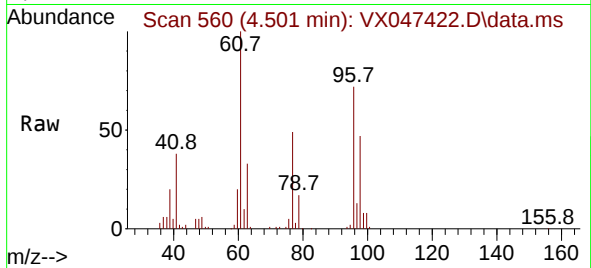
98 65.1 0.0 130.4

Manual Integrations

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Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#28

Bromochloromethane

Concen: 23.069 ug/l

RT: 4.910 min Scan# 627

Delta R.T. 0.000 min

Lab File: VX047422.D

Acq: 19 Aug 2025 18:43

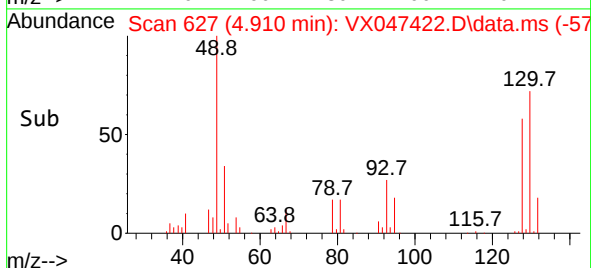
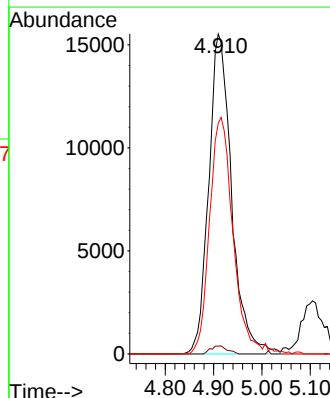
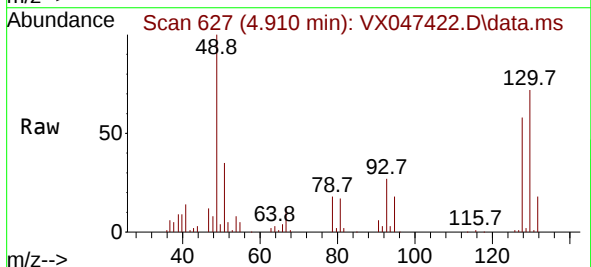
Tgt Ion: 49 Resp: 51051

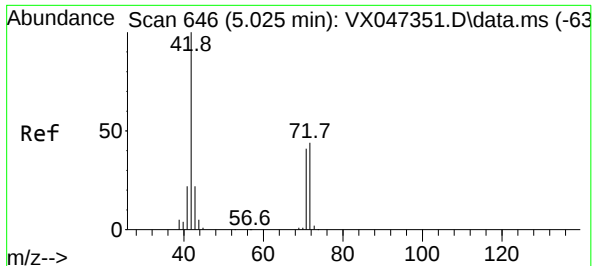
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

130 76.0 59.8 89.6





#29

Tetrahydrofuran

Concen: 93.509 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.000 min

Lab File: VX047422.D

Acq: 19 Aug 2025 18:43

Instrument :

MSVOA_X

ClientSampleId :

VX0819MBS01

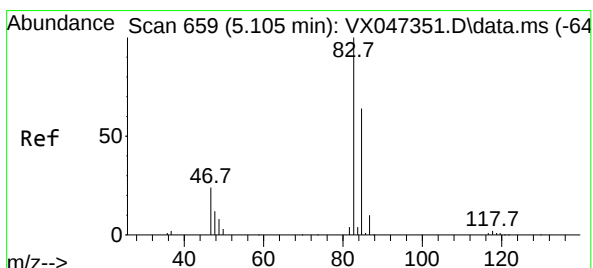
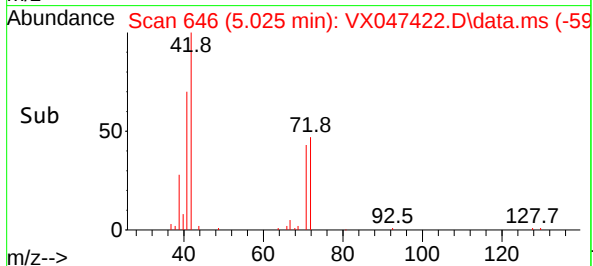
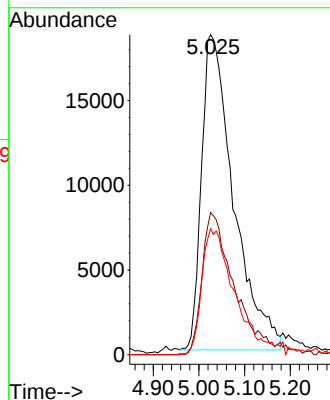
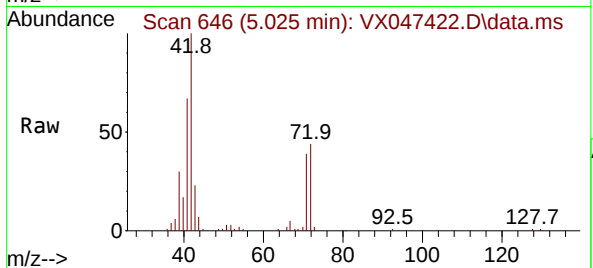
Tgt Ion:	42	Resp:	9063
Ion Ratio	Lower	Upper	
42	100		
72	44.6	34.6	51.8
71	40.5	32.6	49.0

Manual Integrations

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Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#30

Chloroform

Concen: 18.629 ug/l

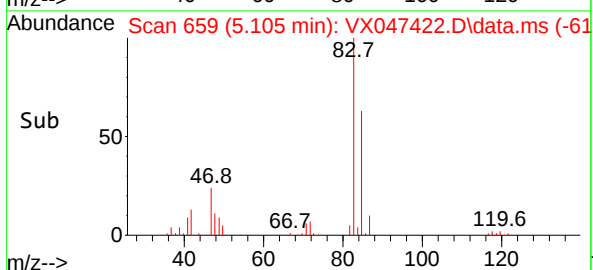
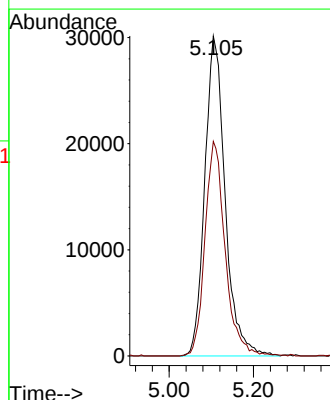
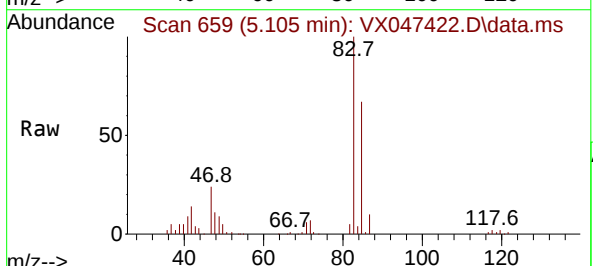
RT: 5.105 min Scan# 659

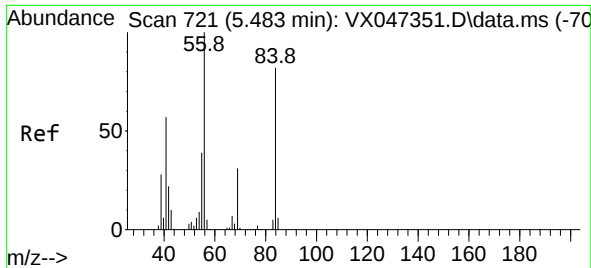
Delta R.T. 0.000 min

Lab File: VX047422.D

Acq: 19 Aug 2025 18:43

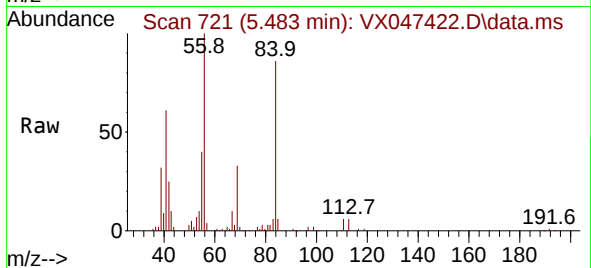
Tgt Ion:	83	Resp:	101108
Ion Ratio	Lower	Upper	
83	100		
85	67.1	51.2	76.8





#31
Cyclohexane
Concen: 16.433 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

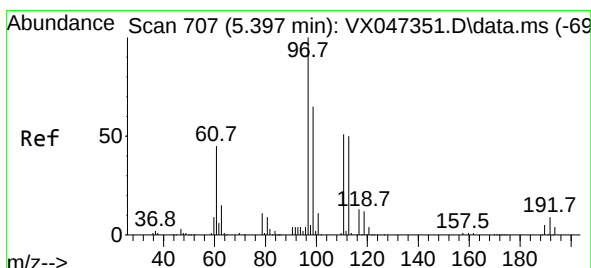
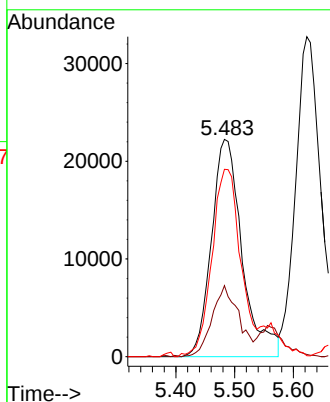
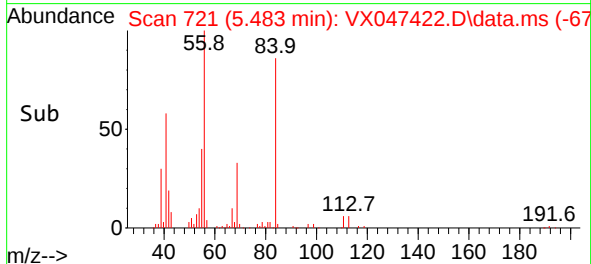
Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01



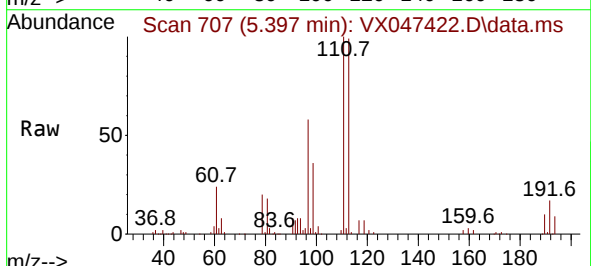
Tgt Ion: 56 Resp: 8056
Ion Ratio Lower Upper
56 100
69 32.4 24.3 36.5
84 85.9 65.3 97.9

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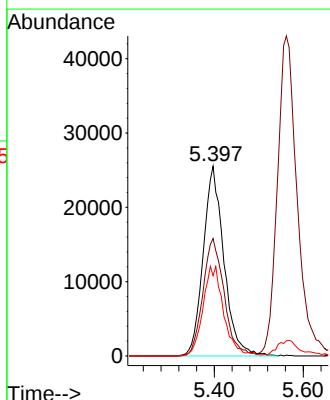
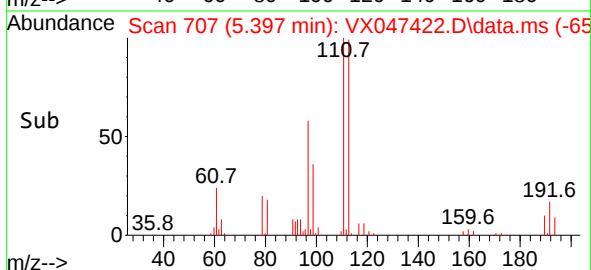
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

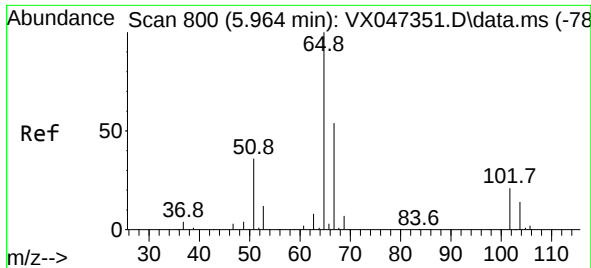


#32
1,1,1-Trichloroethane
Concen: 17.709 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43



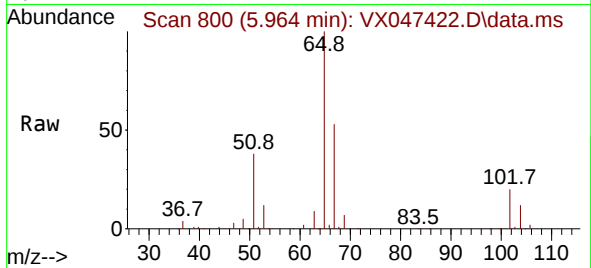
Tgt Ion: 97 Resp: 82728
Ion Ratio Lower Upper
97 100
99 63.3 51.4 77.0
61 47.2 35.7 53.5





#33
 1,2-Dichloroethane-d4
 Concen: 59.424 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047422.D
 Acq: 19 Aug 2025 18:43

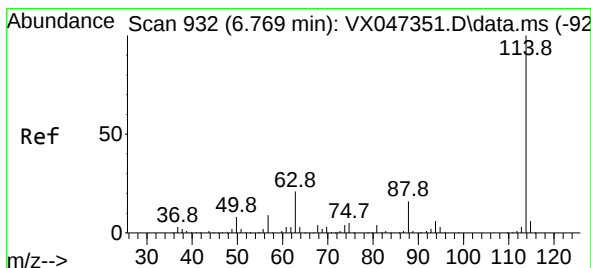
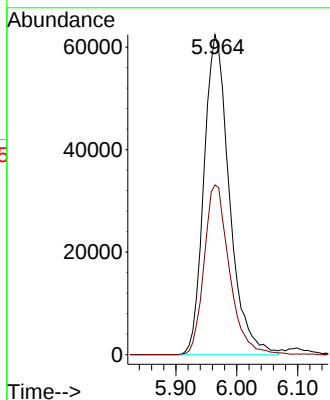
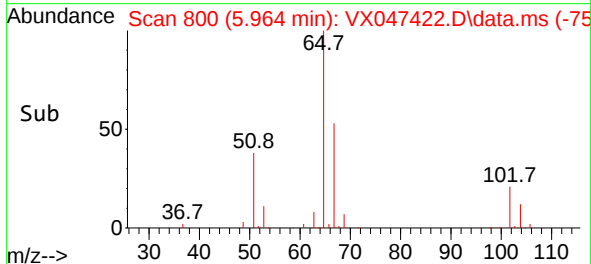
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819MBS01



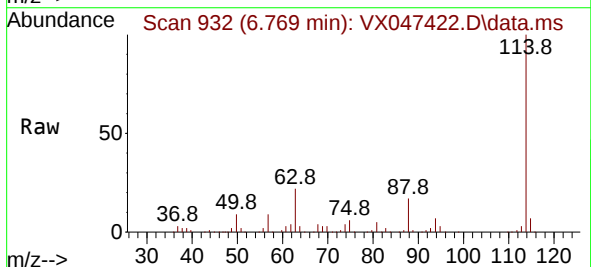
Tgt Ion: 65 Resp: 181010
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.0

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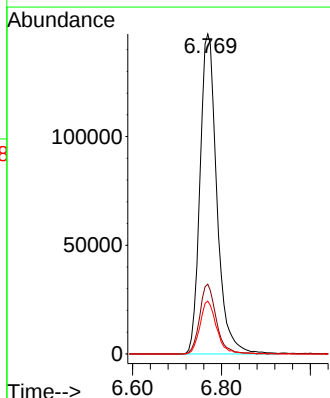
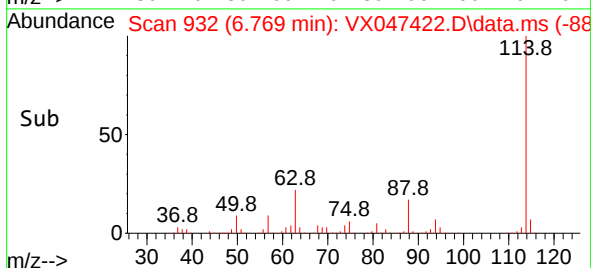
Reviewed By :John Carlone 08/20/2025
 Supervised By :Mahesh Dadoda 08/20/2025

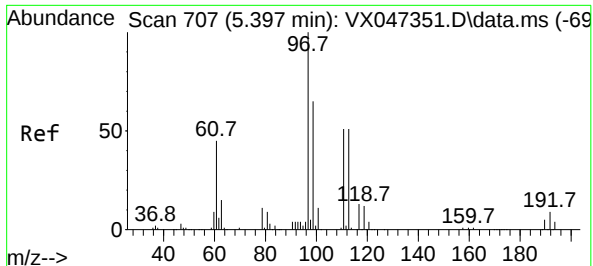


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047422.D
 Acq: 19 Aug 2025 18:43



Tgt Ion:114 Resp: 389692
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.4
 88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 54.351 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX047422.D

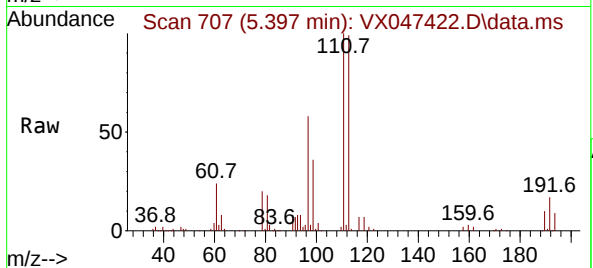
Acq: 19 Aug 2025 18:43

Instrument :

MSVOA_X

ClientSampleId :

VX0819MBS01



Tgt Ion: 113 Resp: 137460

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.2

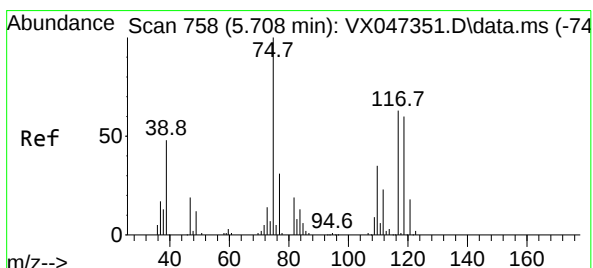
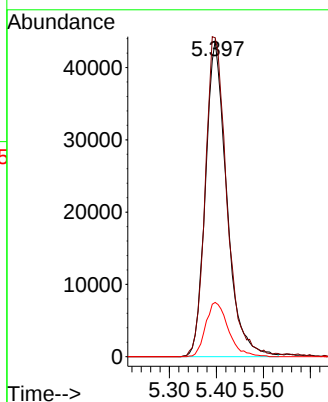
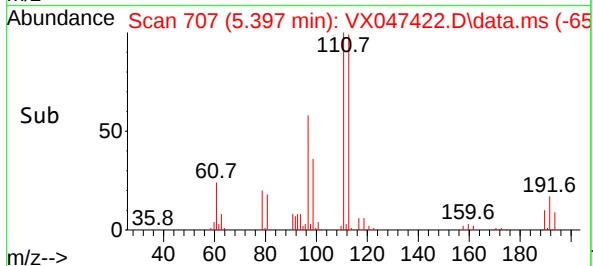
192 18.3 14.1 21.1

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Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#36

1,1-Dichloropropene

Concen: 16.061 ug/l

RT: 5.708 min Scan# 758

Delta R.T. 0.000 min

Lab File: VX047422.D

Acq: 19 Aug 2025 18:43

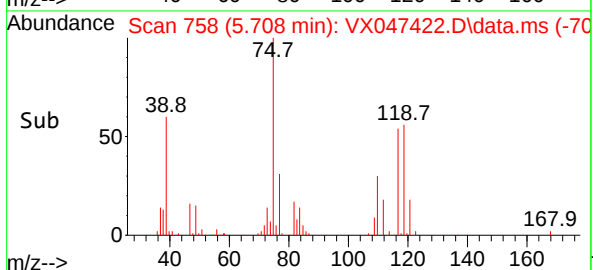
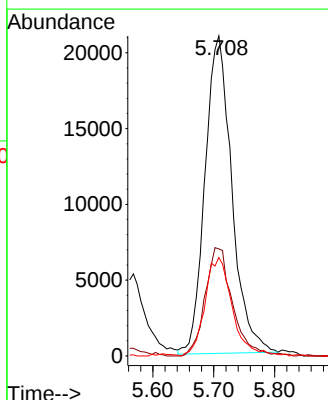
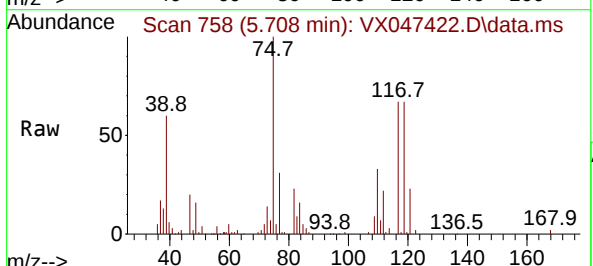
Tgt Ion: 75 Resp: 64123

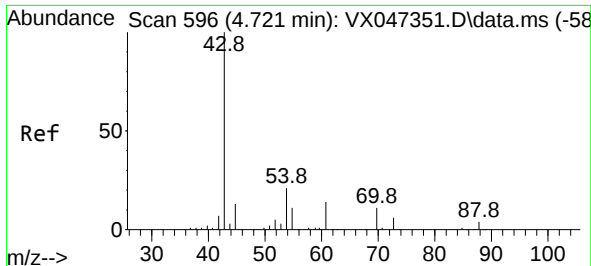
Ion Ratio Lower Upper

75 100

110 34.9 17.4 52.2

77 31.5 24.4 36.6





#37

Ethyl Acetate

Concen: 16.639 ug/l

RT: 4.727 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX047422.D

Acq: 19 Aug 2025 18:43

Instrument :

MSVOA_X

ClientSampleId :

VX0819MBS01

Tgt Ion: 43 Resp: 6896

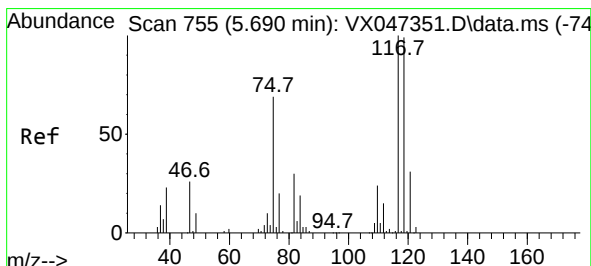
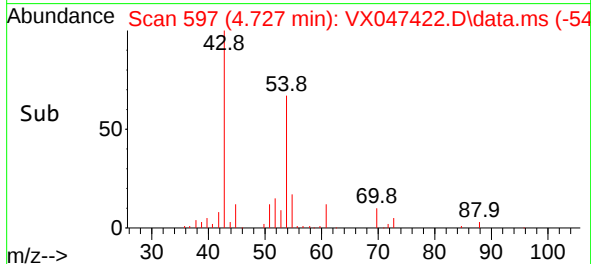
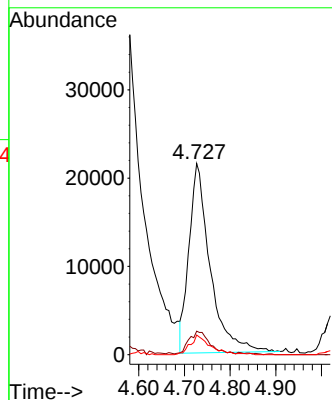
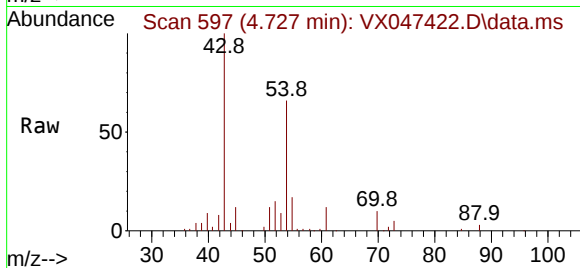
Ion	Ratio	Lower	Upper
43	100		
61	11.6	9.4	14.2
70	9.9	7.0	10.6

Manual Integrations

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Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#38

Carbon Tetrachloride

Concen: 16.297 ug/l

RT: 5.690 min Scan# 755

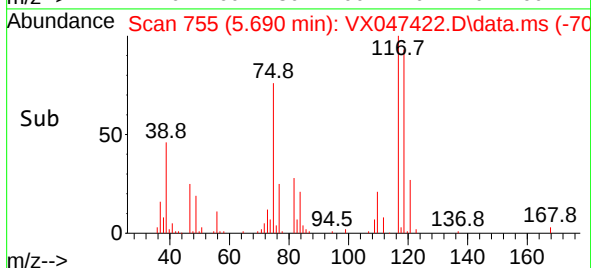
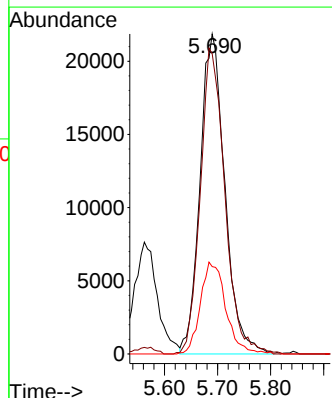
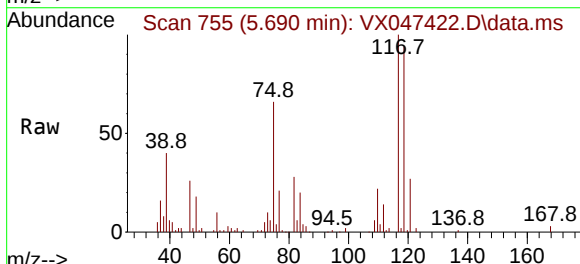
Delta R.T. 0.000 min

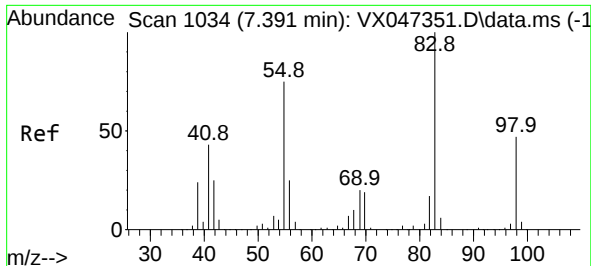
Lab File: VX047422.D

Acq: 19 Aug 2025 18:43

Tgt Ion:117 Resp: 71101

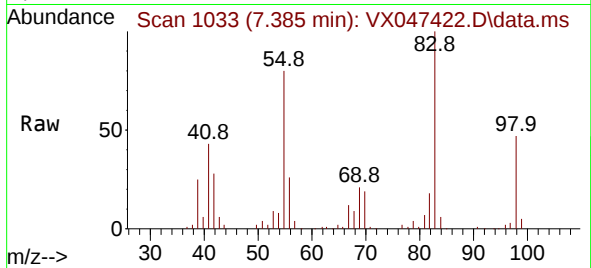
Ion	Ratio	Lower	Upper
117	100		
119	93.4	78.5	117.7
121	27.3	24.7	37.1





#39
Methylcyclohexane
Concen: 14.444 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

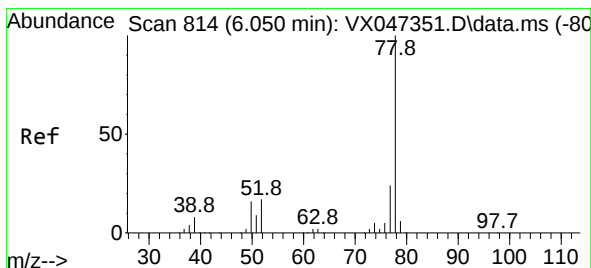
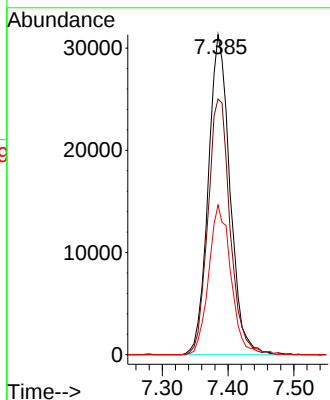
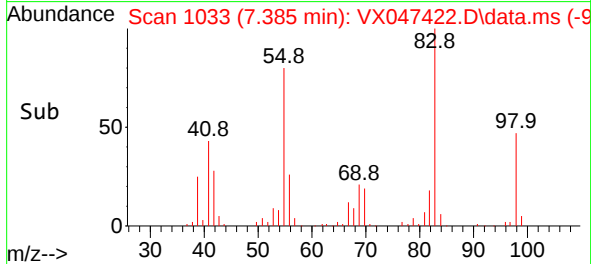
Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01



Tgt Ion: 83 Resp: 7193
Ion Ratio Lower Upper
83 100
55 79.9 60.0 90.0
98 46.7 37.2 55.8

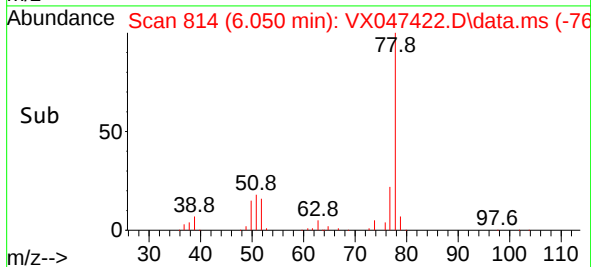
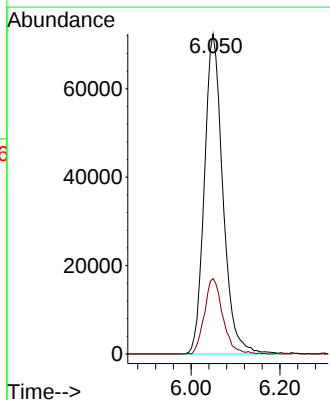
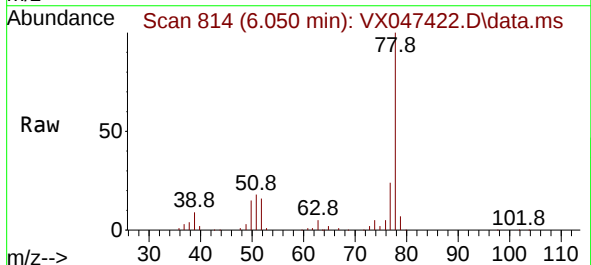
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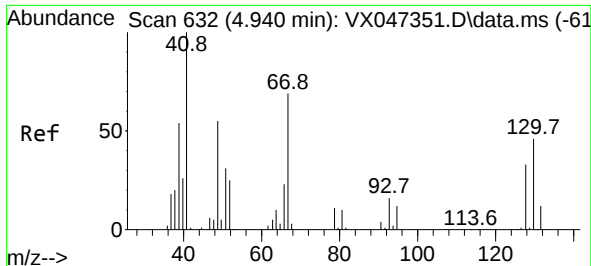
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#40
Benzene
Concen: 17.556 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

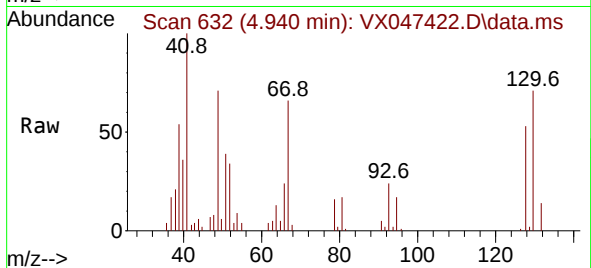
Tgt Ion: 78 Resp: 209798
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4





#41
Methacrylonitrile
Concen: 17.151 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

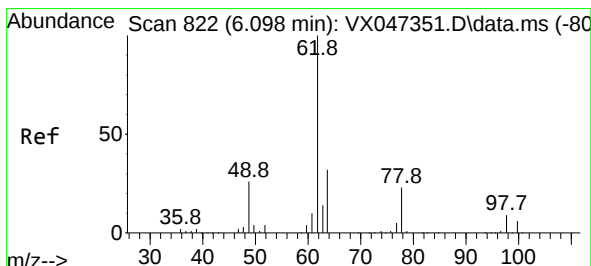
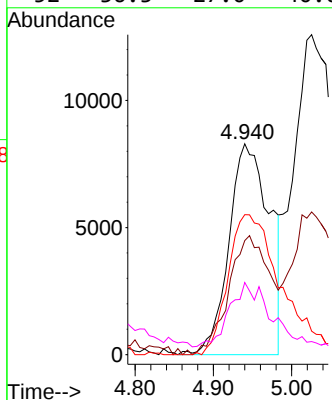
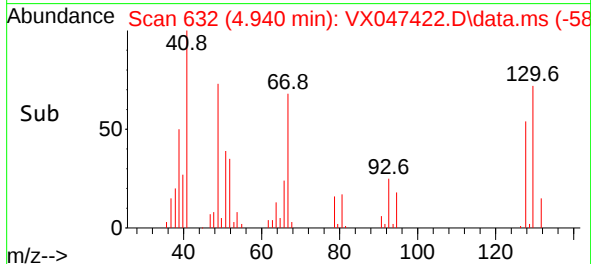
Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01



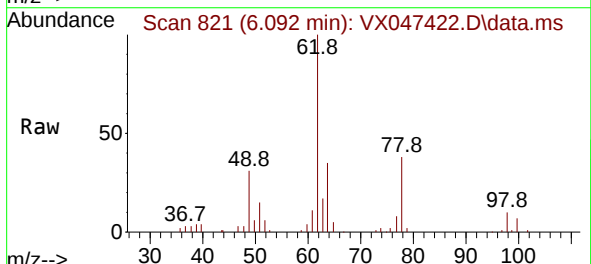
Tgt Ion: 41 Resp: 29970
Ion Ratio Lower Upper
41 100
39 56.9 45.4 68.2
67 88.8 64.0 96.0
52 36.3 27.0 40.6

Manual Integrations
APPROVED

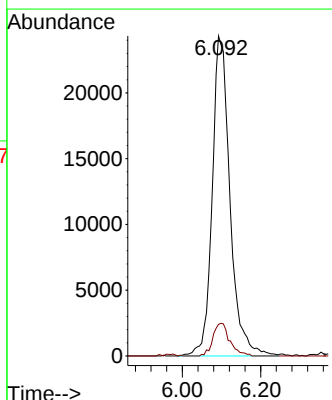
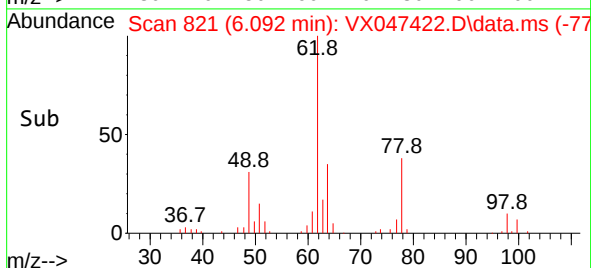
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#42
1,2-Dichloroethane
Concen: 18.091 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43



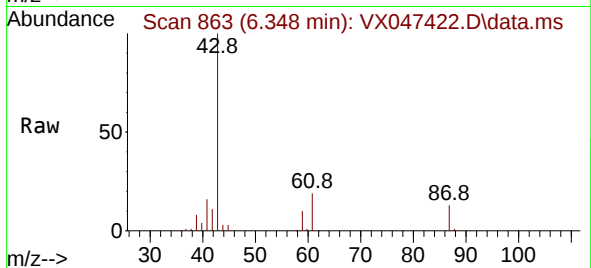
Tgt Ion: 62 Resp: 76576
Ion Ratio Lower Upper
62 100
98 9.7 0.0 18.0





#43
Isopropyl Acetate
Concen: 17.747 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

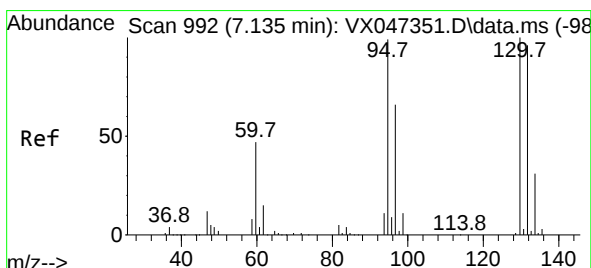
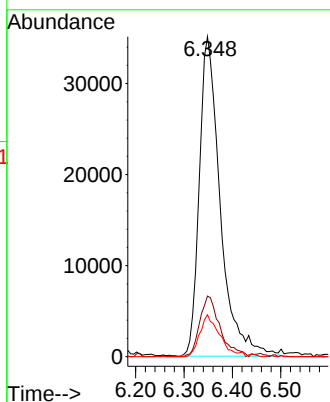
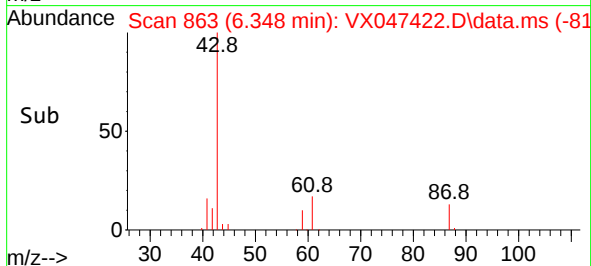
Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01



Tgt Ion: 43 Resp: 10567
Ion Ratio Lower Upper
43 100
61 18.3 15.4 23.0
87 12.4 10.2 15.4

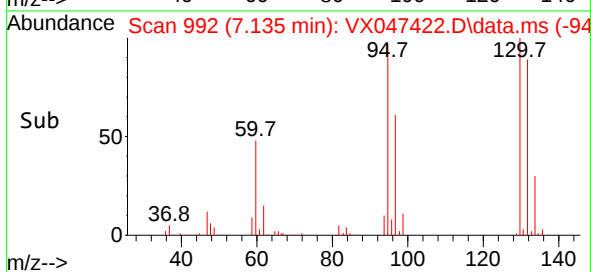
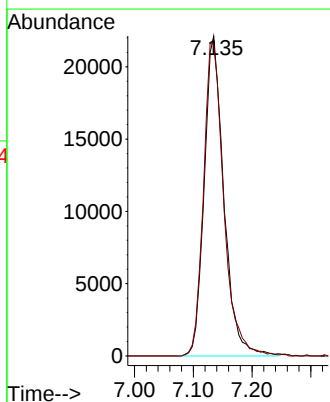
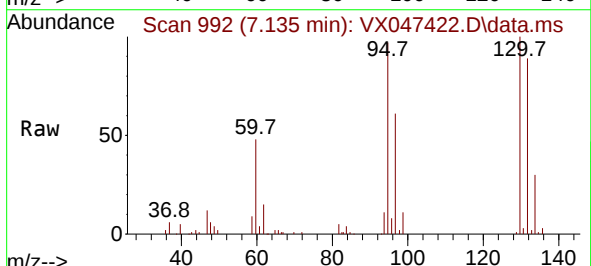
Manual Integrations
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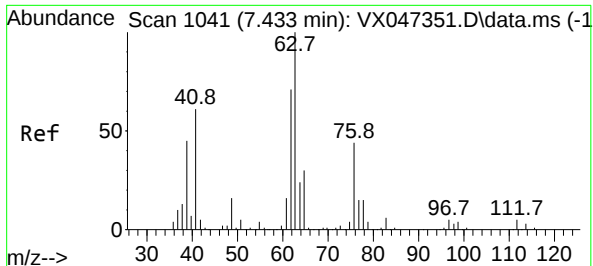
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#44
Trichloroethene
Concen: 16.792 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

Tgt Ion:130 Resp: 51380
Ion Ratio Lower Upper
130 100
95 97.4 0.0 198.6





#45

1,2-Dichloropropane

Concen: 17.952 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX047422.D

Acq: 19 Aug 2025 18:43

Instrument :

MSVOA_X

ClientSampleId :

VX0819MBS01

Tgt Ion: 63 Resp: 5374

Ion Ratio Lower Upper

63 100

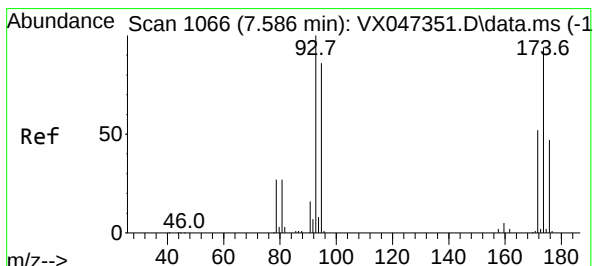
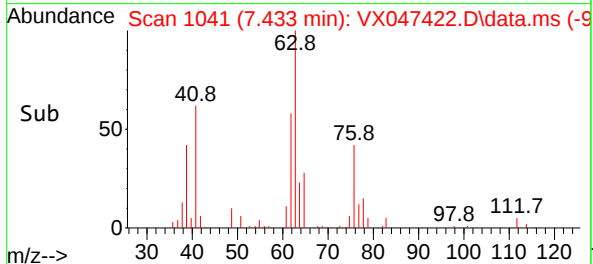
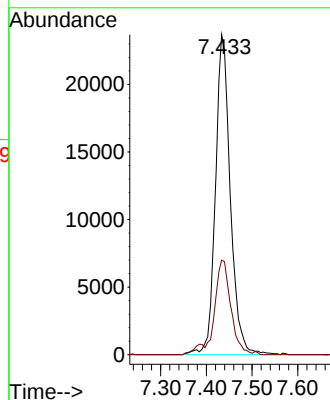
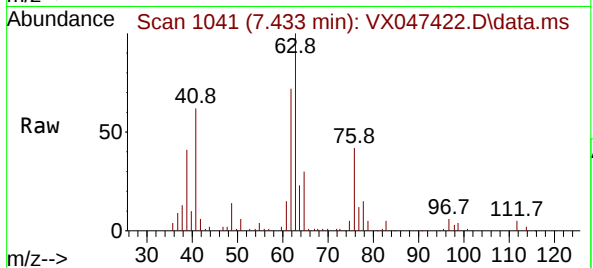
65 29.6 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#46

Dibromomethane

Concen: 18.061 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX047422.D

Acq: 19 Aug 2025 18:43

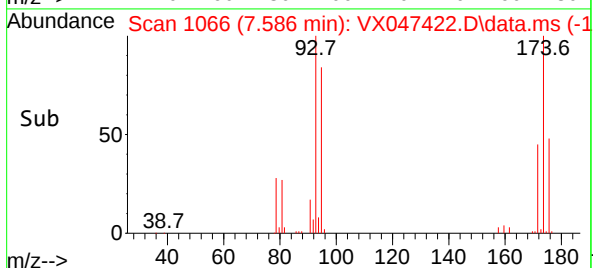
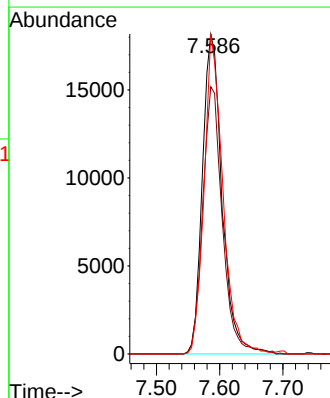
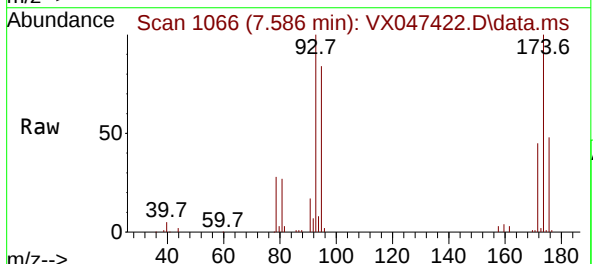
Tgt Ion: 93 Resp: 39254

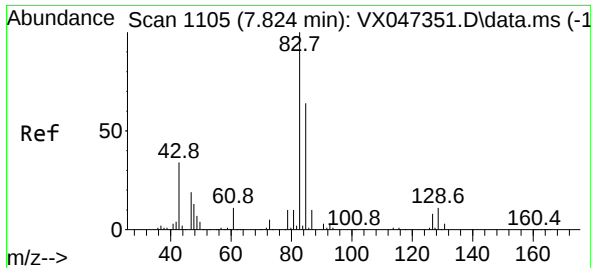
Ion Ratio Lower Upper

93 100

95 83.6 68.0 102.0

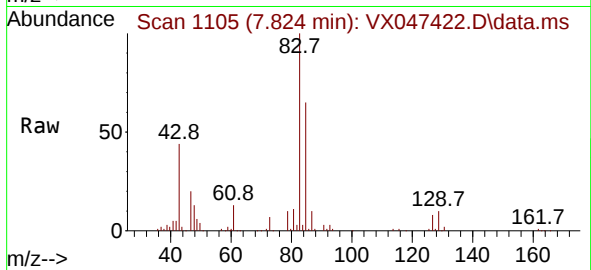
174 95.5 75.8 113.6





#47
Bromodichloromethane
Concen: 17.931 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

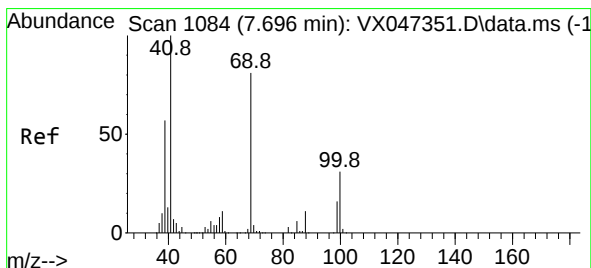
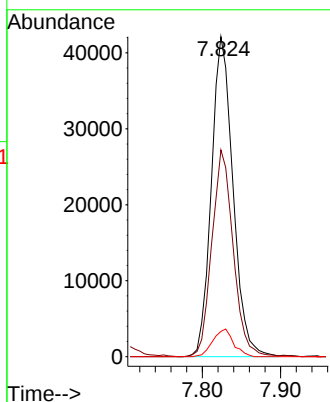
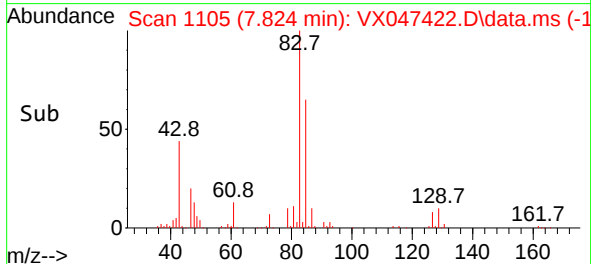
Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01



Tgt Ion: 83 Resp: 80794
Ion Ratio Lower Upper
83 100
85 64.6 51.0 76.6
127 7.9 7.0 10.4

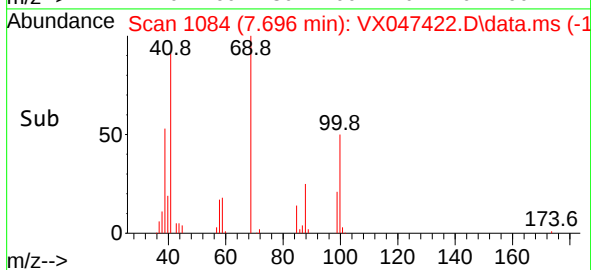
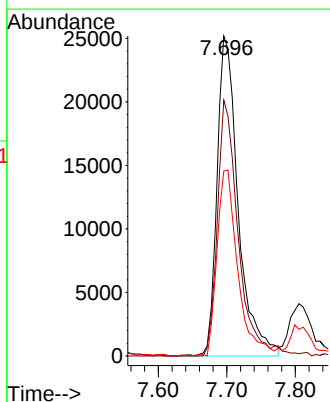
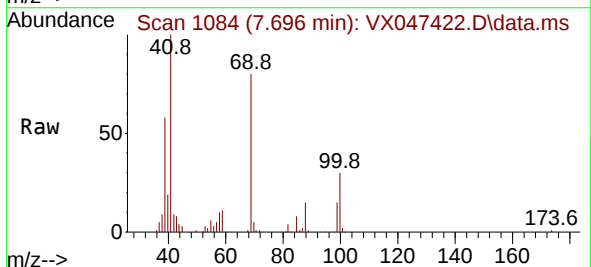
Manual Integrations
APPROVED

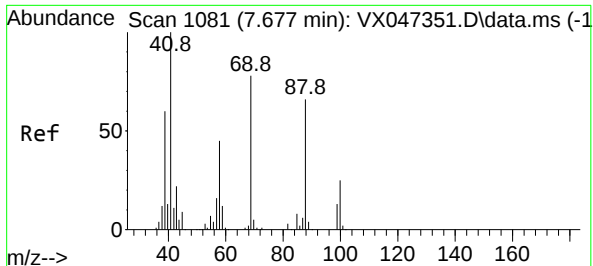
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#48
Methyl methacrylate
Concen: 17.413 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

Tgt Ion: 41 Resp: 53817
Ion Ratio Lower Upper
41 100
69 79.1 65.0 97.4
39 57.0 45.7 68.5





#49

1,4-Dioxane

Concen: 391.442 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.018 min

Lab File: VX047422.D

Acq: 19 Aug 2025 18:43

Instrument :

MSVOA_X

ClientSampleId :

VX0819MBS01

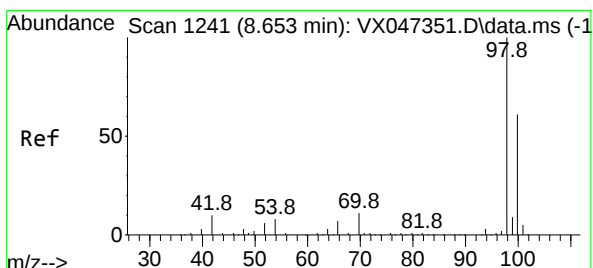
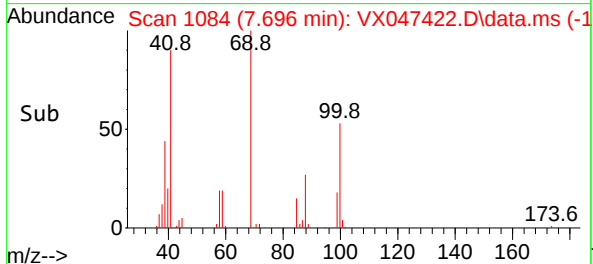
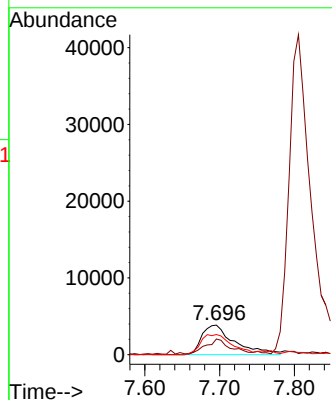
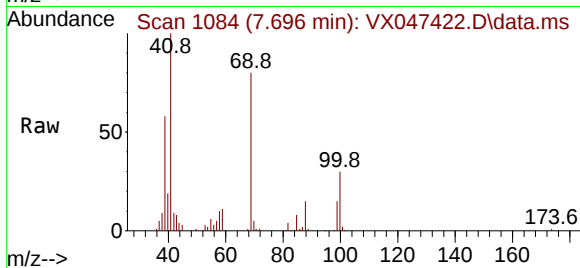
Tgt Ion:	88	Resp:	1176
Ion	Ratio	Lower	Upper
88	100		
43	37.5	32.4	48.6
58	66.0	56.9	85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#50

Toluene-d8

Concen: 52.533 ug/l

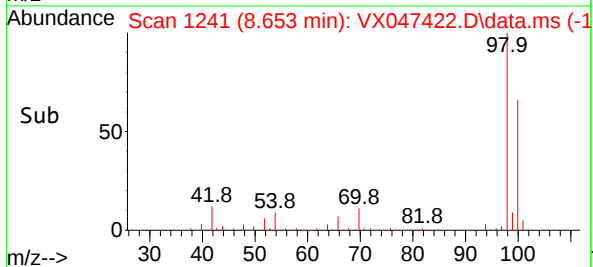
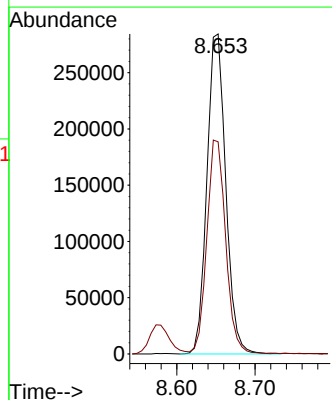
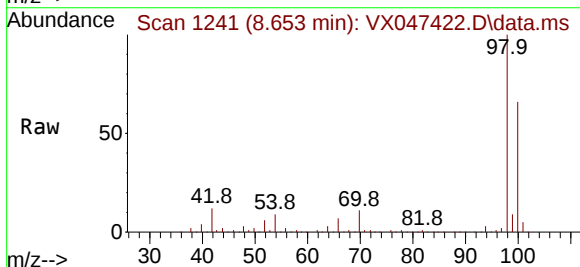
RT: 8.653 min Scan# 1241

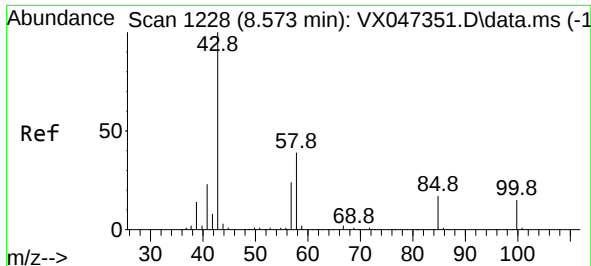
Delta R.T. 0.000 min

Lab File: VX047422.D

Acq: 19 Aug 2025 18:43

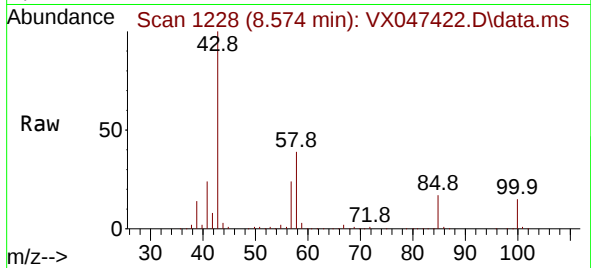
Tgt Ion:	98	Resp:	474890
Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.9	80.9





#51
4-Methyl-2-Pentanone
Concen: 95.299 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

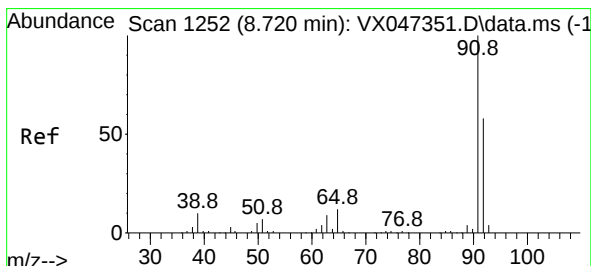
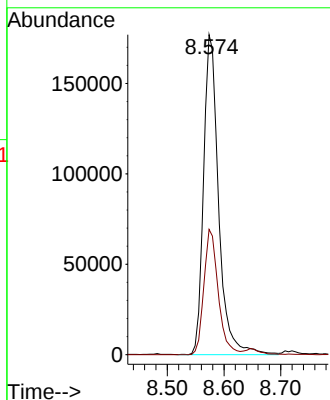
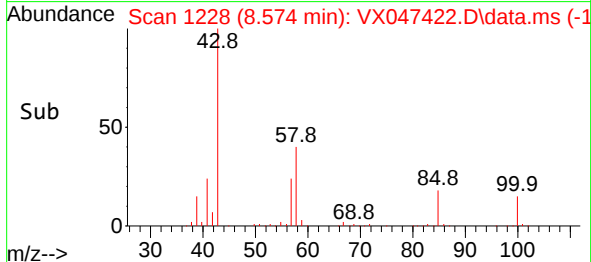
Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01



Tgt Ion: 43 Resp: 326538
Ion Ratio Lower Upper
43 100
58 37.3 31.2 46.8

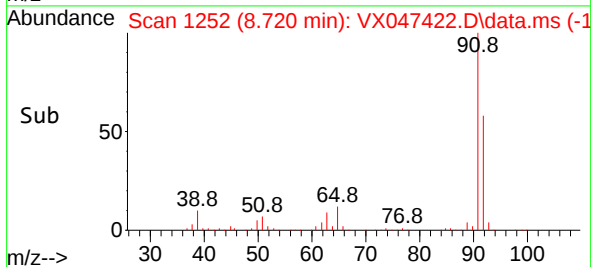
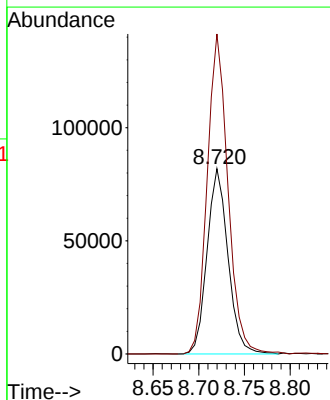
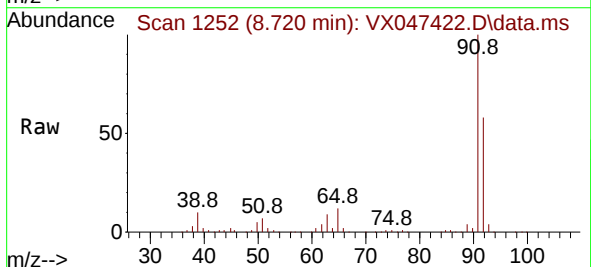
Manual Integrations
APPROVED

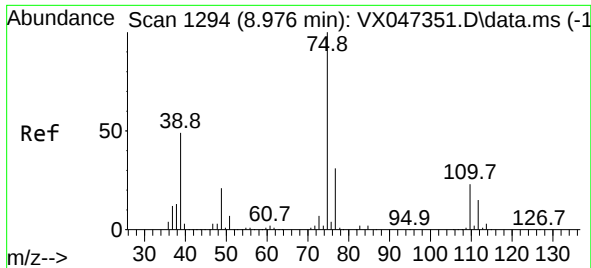
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#52
Toluene
Concen: 17.650 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

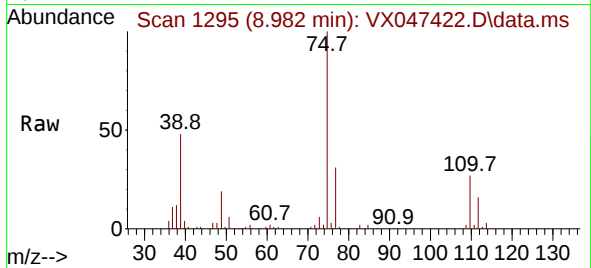
Tgt Ion: 92 Resp: 130336
Ion Ratio Lower Upper
92 100
91 170.9 136.3 204.5





#53
t-1,3-Dichloropropene
Concen: 17.196 ug/l
RT: 8.982 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

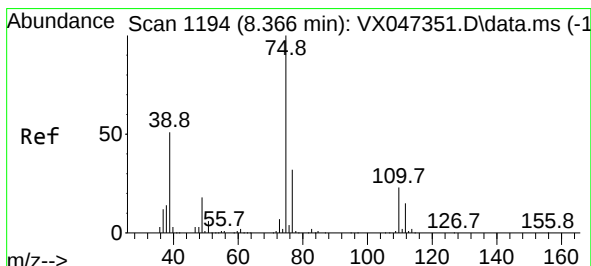
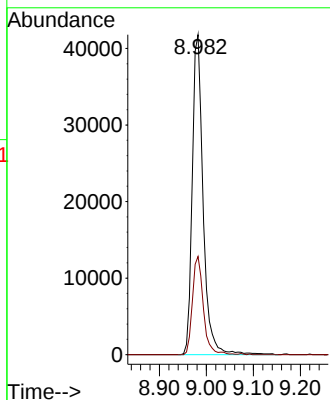
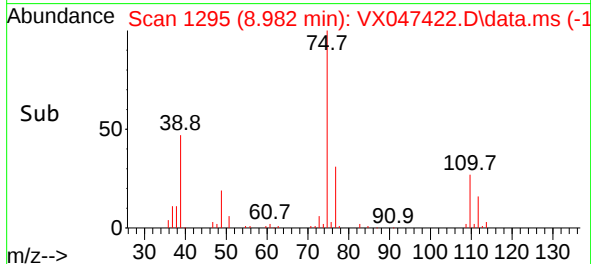
Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01



Tgt Ion: 75 Resp: 6762
Ion Ratio Lower Upper
75 100
77 30.7 24.7 37.1

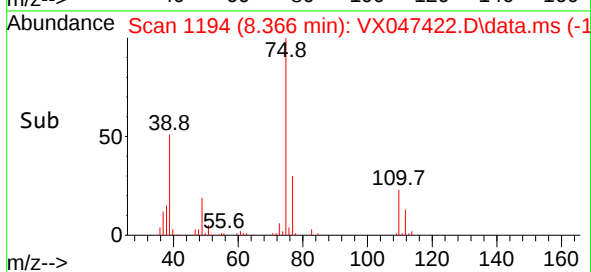
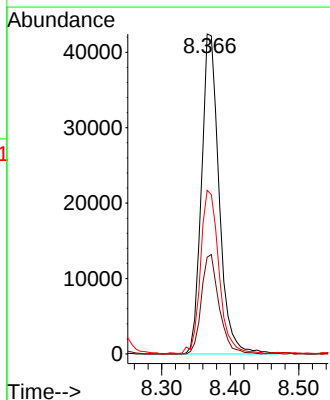
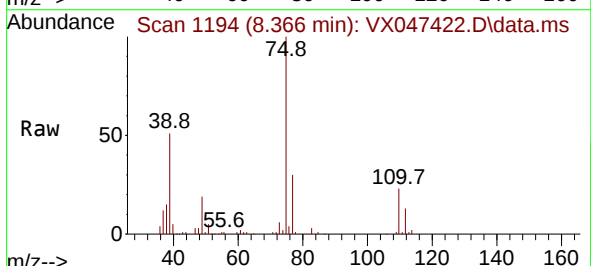
Manual Integrations
APPROVED

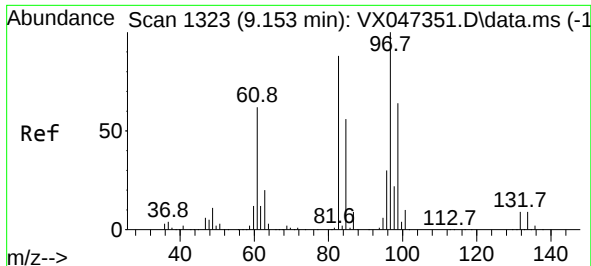
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#54
cis-1,3-Dichloropropene
Concen: 17.077 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

Tgt Ion: 75 Resp: 76009
Ion Ratio Lower Upper
75 100
77 30.2 25.6 38.4
39 50.7 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 18.748 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX047422.D

Acq: 19 Aug 2025 18:43

Instrument :

MSVOA_X

ClientSampleId :

VX0819MBS01

Tgt Ion: 97 Resp: 5256

Ion Ratio Lower Upper

97 100

83 80.6 70.6 106.0

85 52.5 44.7 67.1

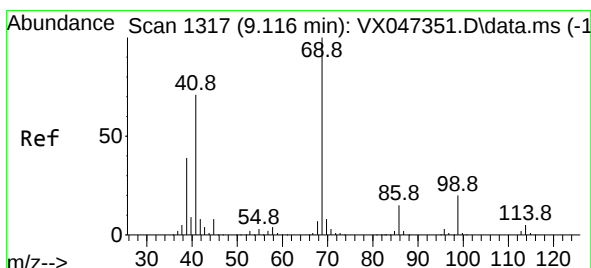
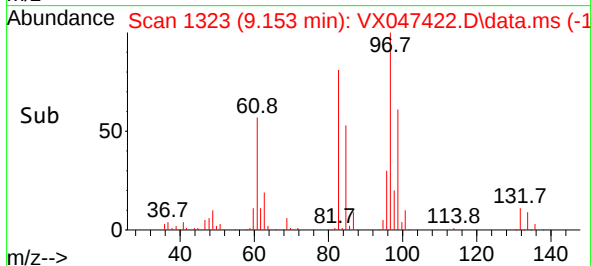
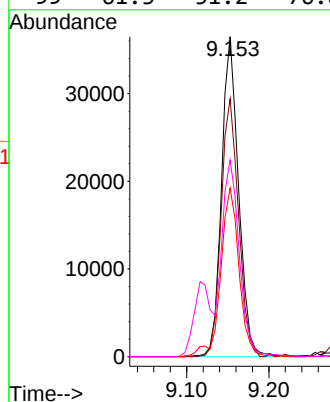
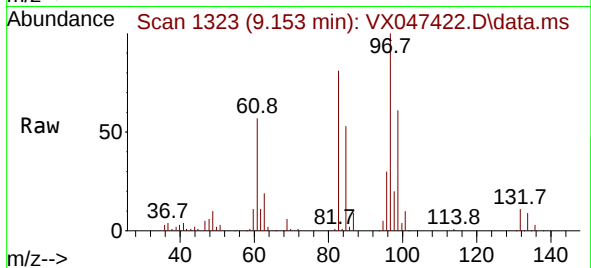
99 61.3 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#56

Ethyl methacrylate

Concen: 17.495 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX047422.D

Acq: 19 Aug 2025 18:43

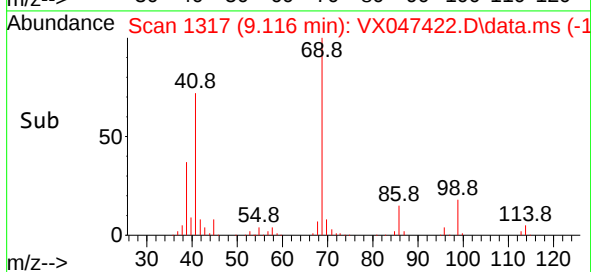
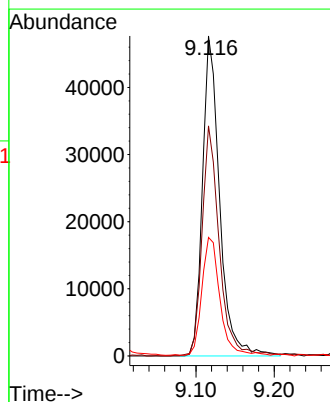
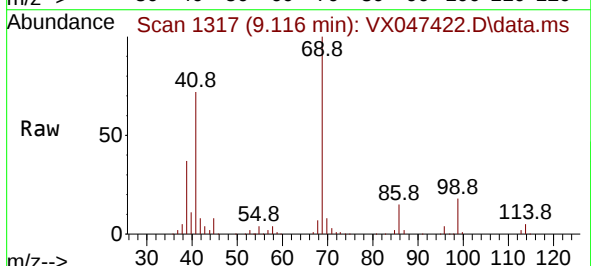
Tgt Ion: 69 Resp: 72318

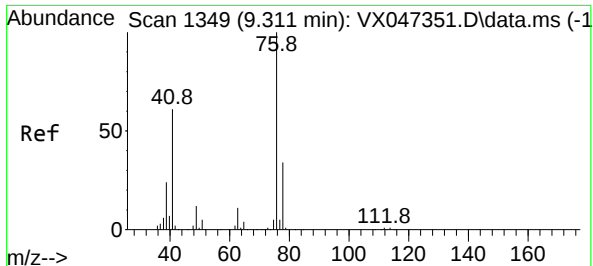
Ion Ratio Lower Upper

69 100

41 72.6 55.3 82.9

39 38.8 30.2 45.2





#57

1,3-Dichloropropane

Concen: 18.276 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047422.D

Acq: 19 Aug 2025 18:43

Instrument :

MSVOA_X

ClientSampleId :

VX0819MBS01

Tgt Ion: 76 Resp: 8731

Ion Ratio Lower Upper

76 100

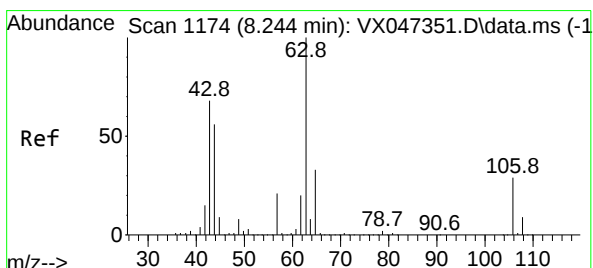
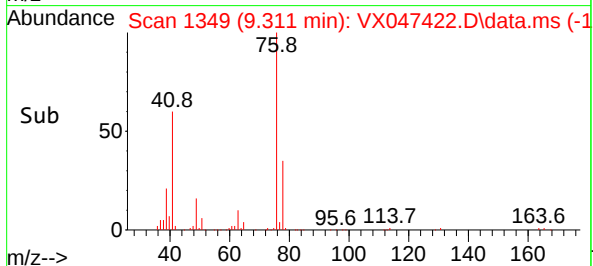
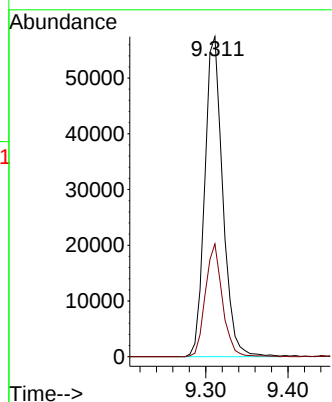
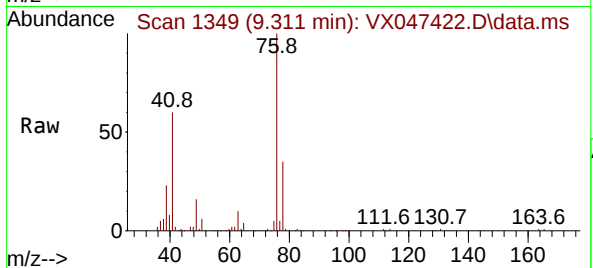
78 33.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#58

2-Chloroethyl Vinyl ether

Concen: 97.351 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX047422.D

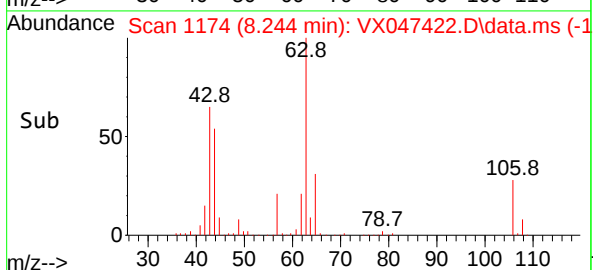
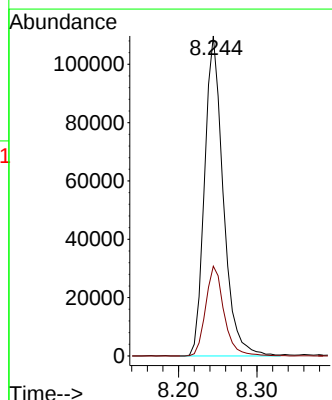
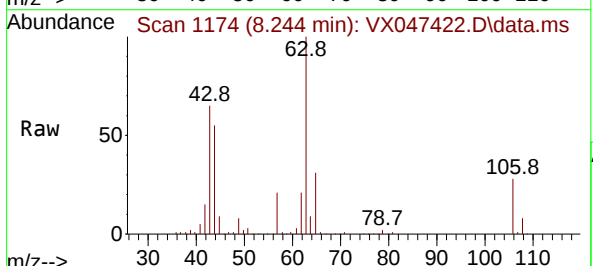
Acq: 19 Aug 2025 18:43

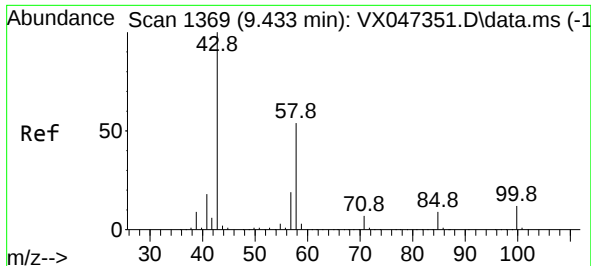
Tgt Ion: 63 Resp: 181735

Ion Ratio Lower Upper

63 100

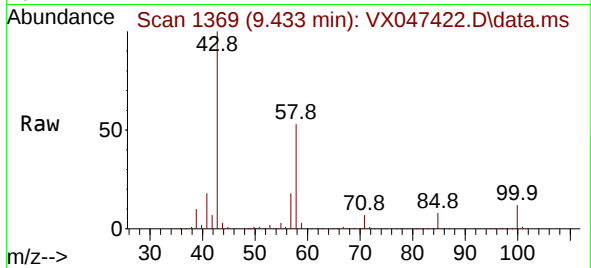
106 27.5 22.8 34.2





#59
2-Hexanone
Concen: 92.163 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

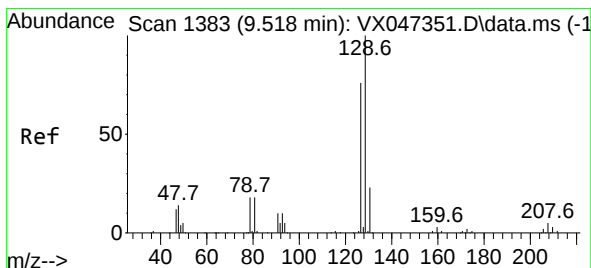
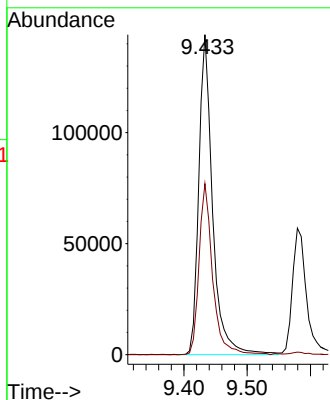
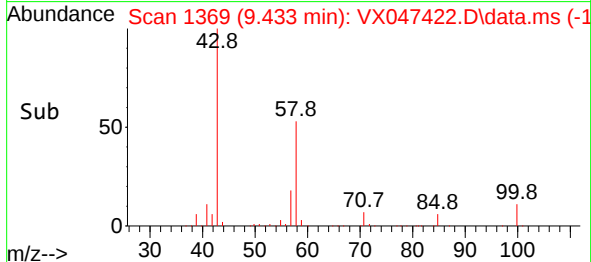
Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01



Tgt Ion: 43 Resp: 21844
Ion Ratio Lower Upper
43 100
58 52.9 26.9 80.7

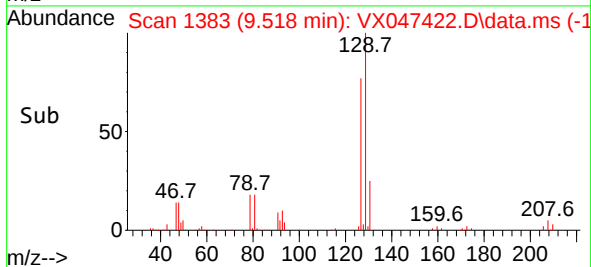
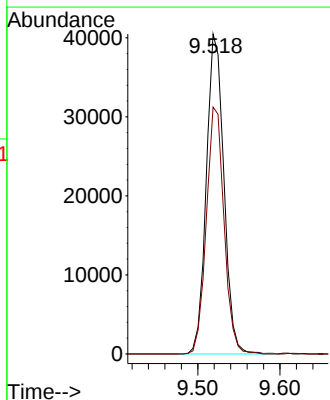
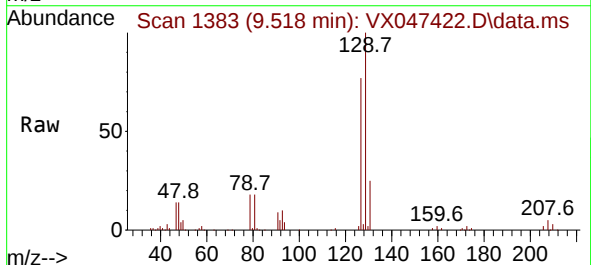
Manual Integrations
APPROVED

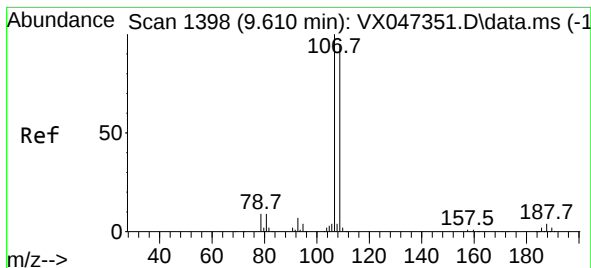
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#60
Dibromochloromethane
Concen: 18.019 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

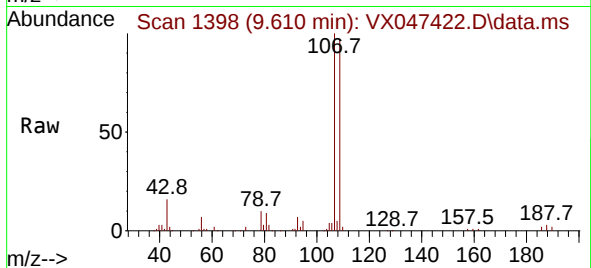
Tgt Ion:129 Resp: 60036
Ion Ratio Lower Upper
129 100
127 78.0 38.9 116.6





#61
1,2-Dibromoethane
Concen: 18.033 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

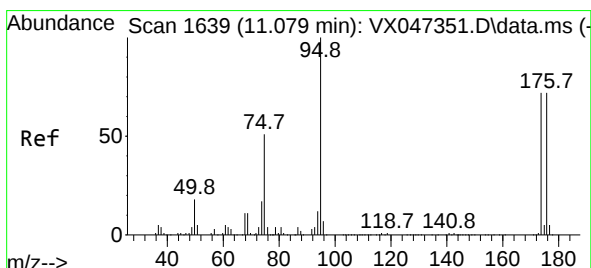
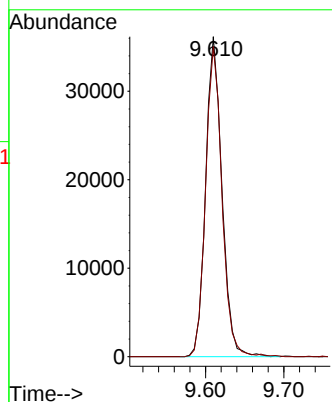
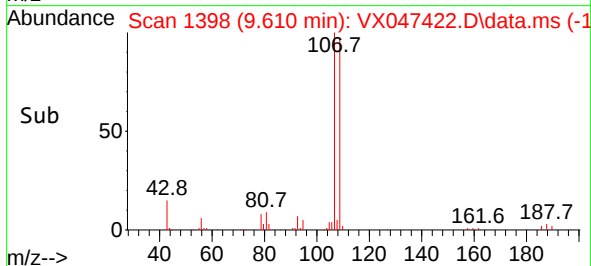
Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01



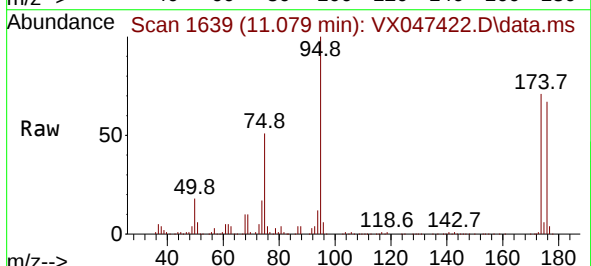
Tgt Ion:107 Resp: 52130
Ion Ratio Lower Upper
107 100
109 97.6 76.2 114.2

Manual Integrations
APPROVED

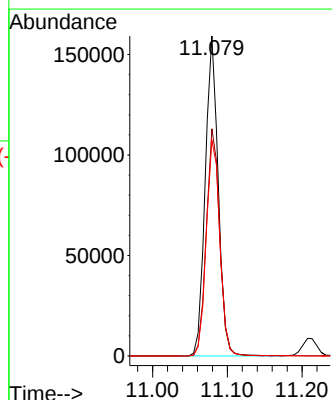
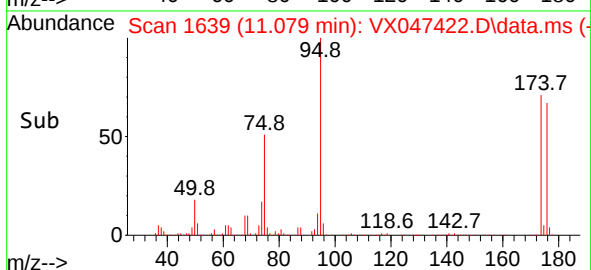
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

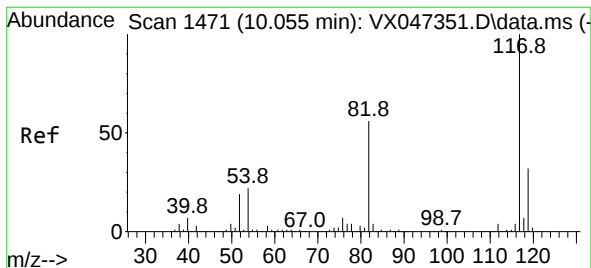


#62
4-Bromofluorobenzene
Concen: 57.545 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43



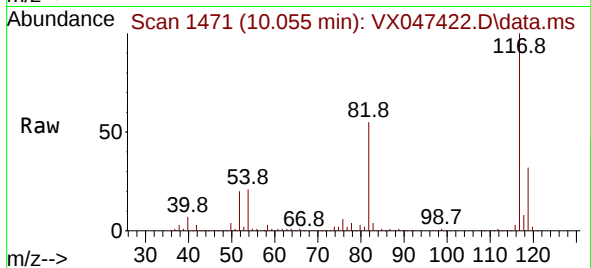
Tgt Ion: 95 Resp: 191963
Ion Ratio Lower Upper
95 100
174 73.1 0.0 148.0
176 70.6 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

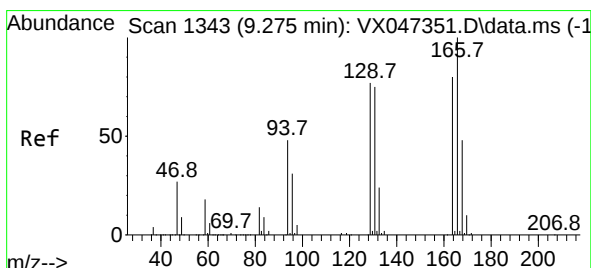
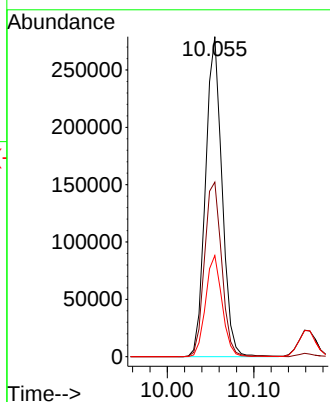
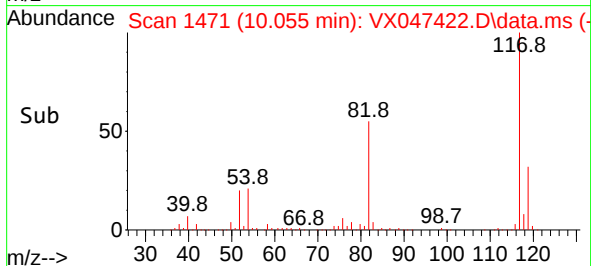
Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01



Tgt Ion:117 Resp: 36922
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.4
119 31.6 25.8 38.8

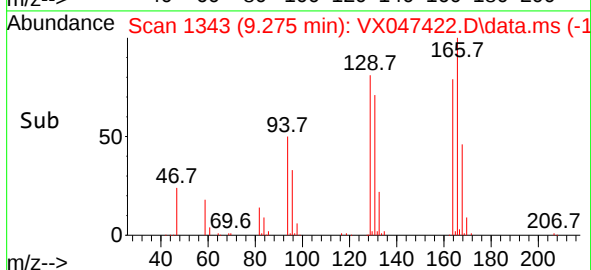
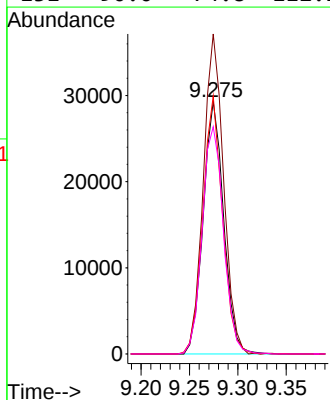
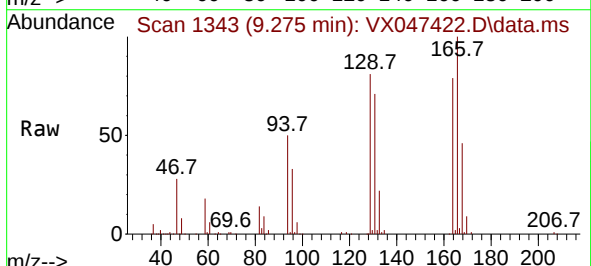
Manual Integrations
APPROVED

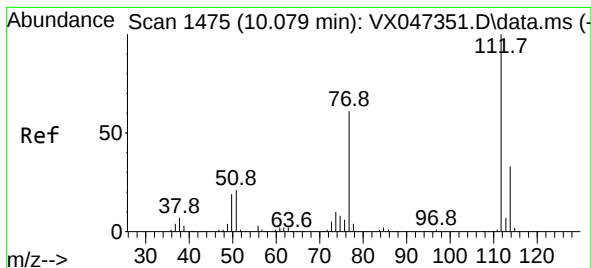
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#64
Tetrachloroethene
Concen: 16.159 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

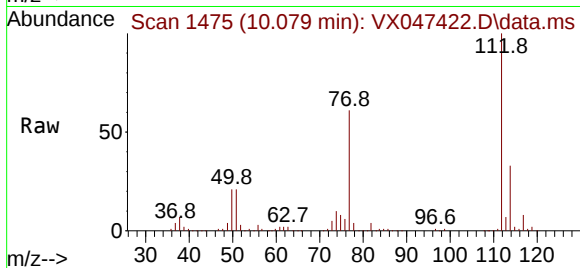
Tgt Ion:164 Resp: 43155
Ion Ratio Lower Upper
164 100
166 126.8 100.3 150.5
129 102.2 77.7 116.5
131 90.0 74.8 112.2





#65
Chlorobenzene
Concen: 16.763 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

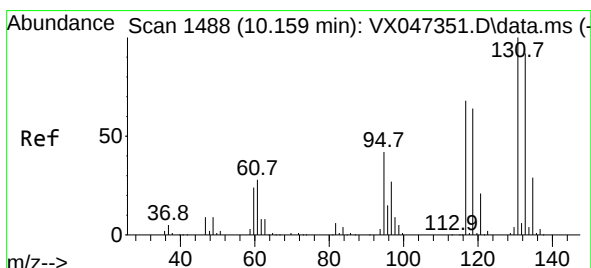
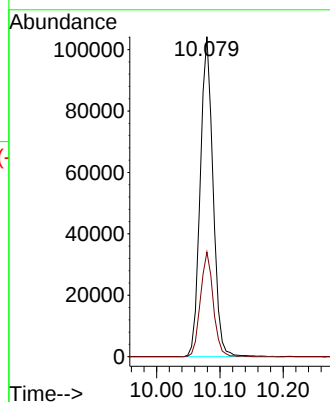
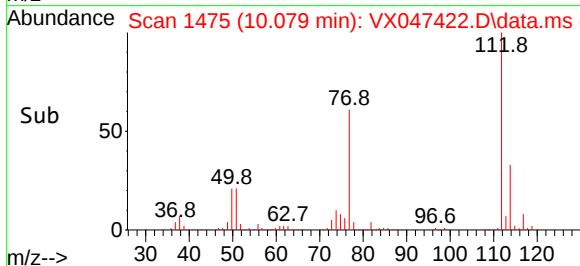
Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01



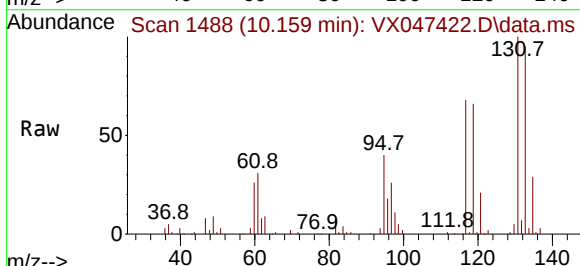
Tgt Ion:112 Resp: 147079
Ion Ratio Lower Upper
112 100
114 32.7 26.4 39.6

Manual Integrations
APPROVED

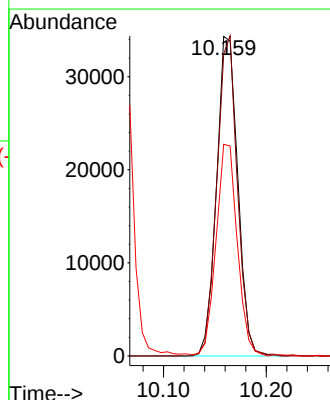
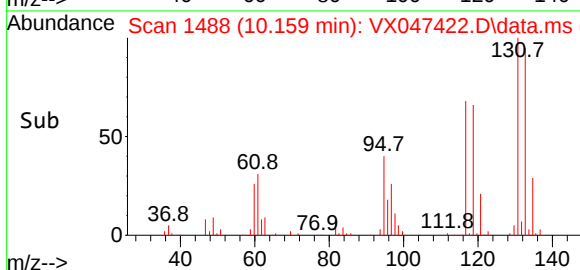
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

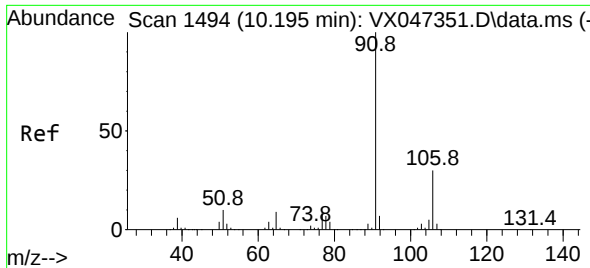


#66
1,1,1,2-Tetrachloroethane
Concen: 16.542 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43



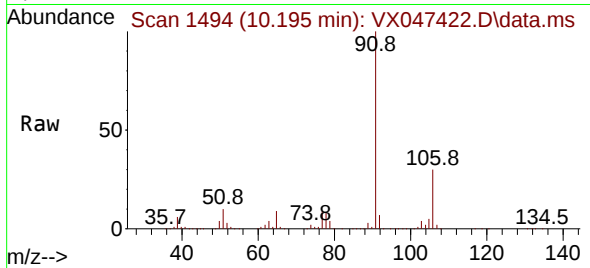
Tgt Ion:131 Resp: 49065
Ion Ratio Lower Upper
131 100
133 96.9 47.6 142.9
119 66.4 32.3 96.8





#67
Ethyl Benzene
Concen: 16.386 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

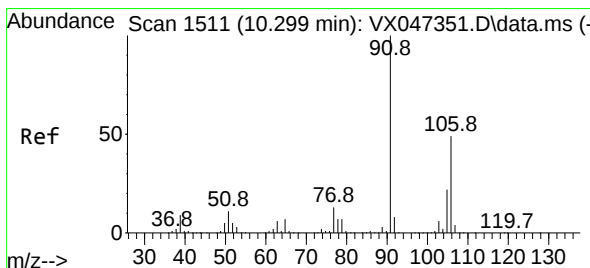
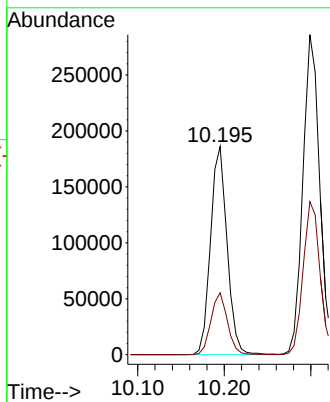
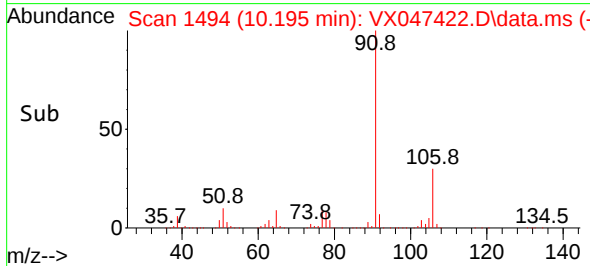
Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01



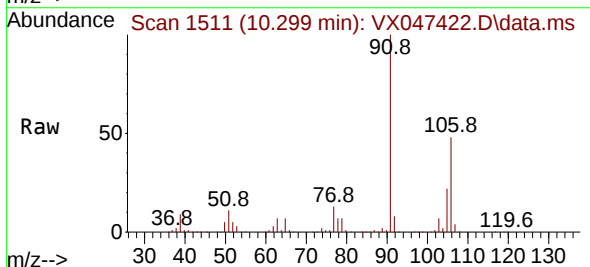
Tgt Ion: 91 Resp: 247458
Ion Ratio Lower Upper
91 100
106 29.8 24.4 36.6

Manual Integrations
APPROVED

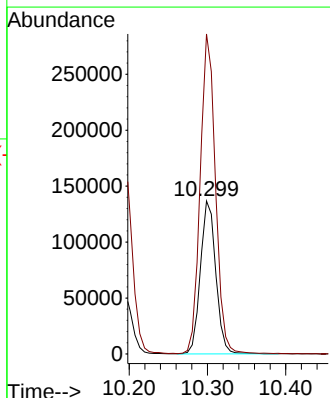
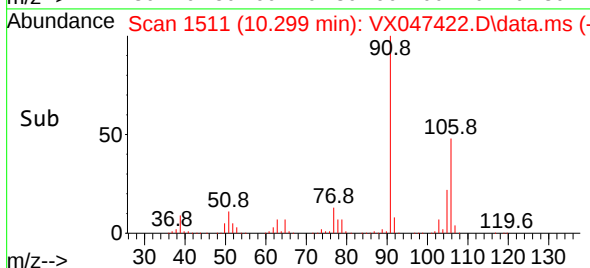
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

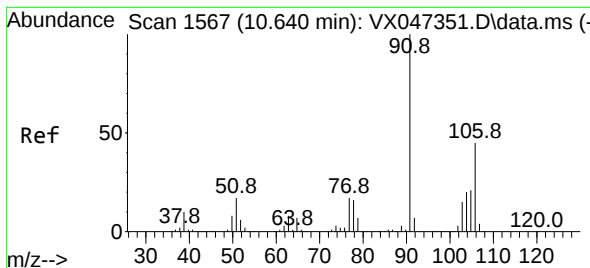


#68
m/p-Xylenes
Concen: 33.040 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43



Tgt Ion:106 Resp: 186051
Ion Ratio Lower Upper
106 100
91 208.3 164.7 247.1





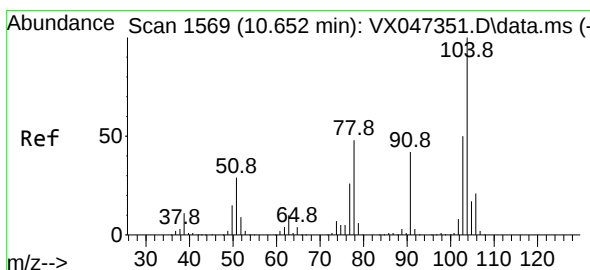
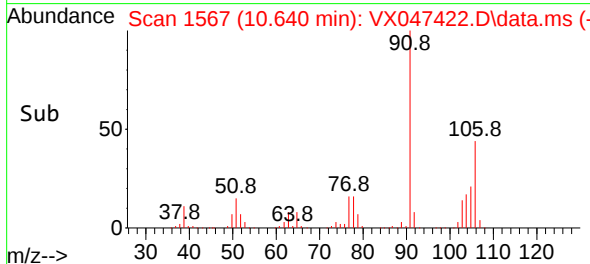
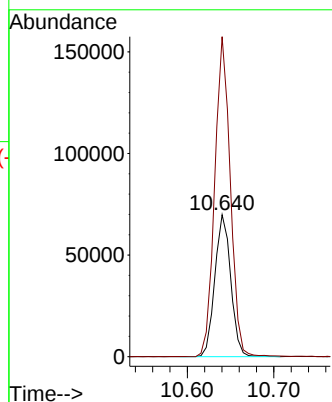
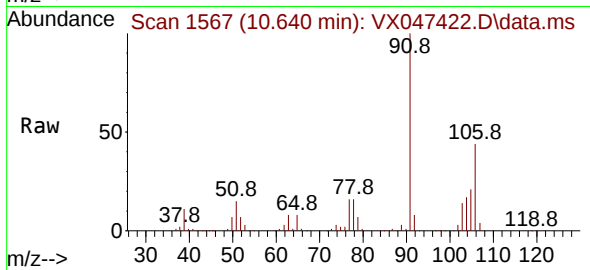
#69
o-Xylene
Concen: 16.484 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01

Tgt Ion:106 Resp: 8932
Ion Ratio Lower Upper
106 100
91 220.9 110.6 331.8

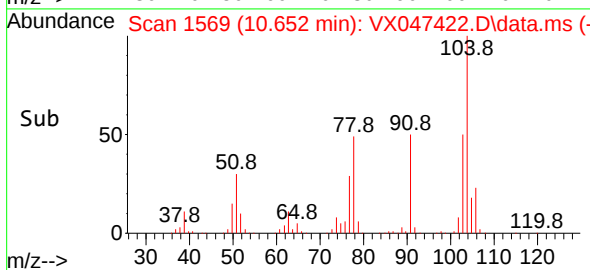
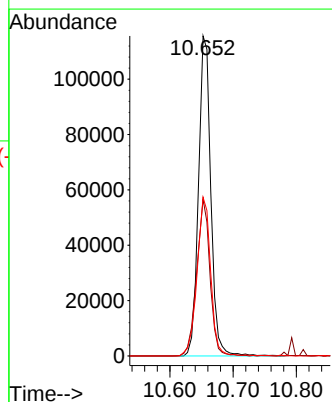
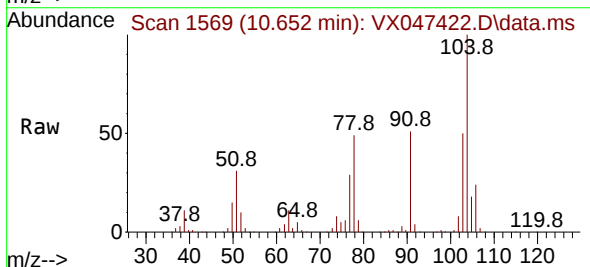
Manual Integrations
APPROVED

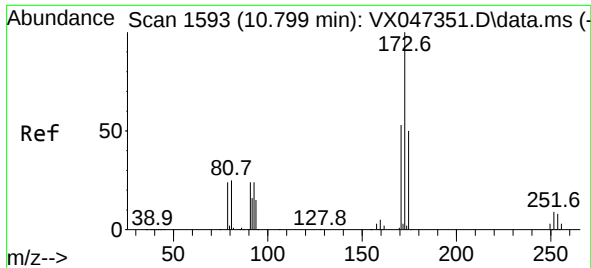
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#70
Styrene
Concen: 17.190 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

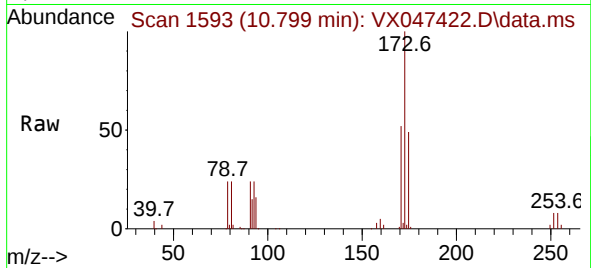
Tgt Ion:104 Resp: 157391
Ion Ratio Lower Upper
104 100
78 52.7 41.8 62.8
103 54.4 43.6 65.4





#71
Bromoform
Concen: 17.587 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

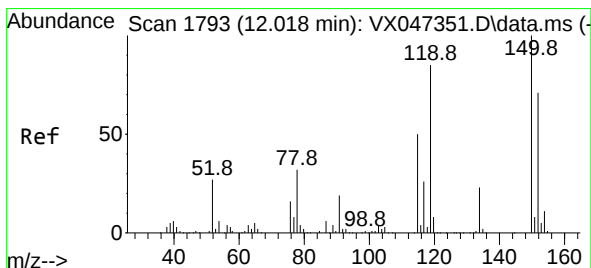
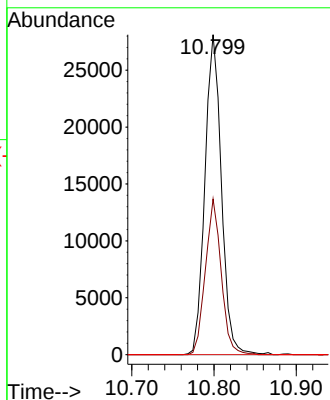
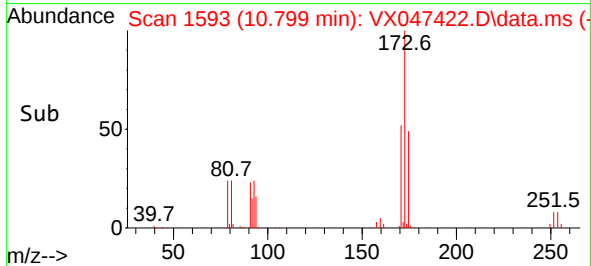
Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01



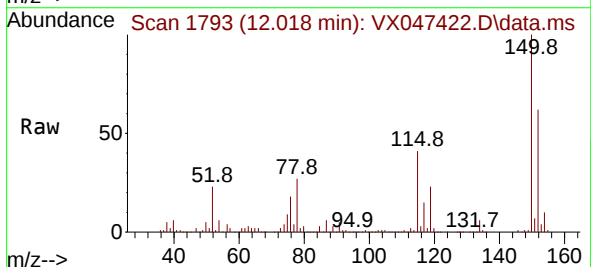
Tgt Ion:173 Resp: 39189
Ion Ratio Lower Upper
173 100
175 46.7 24.4 73.4
254 0.0 0.1 0.1

Manual Integrations
APPROVED

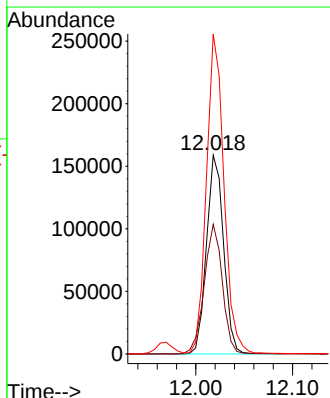
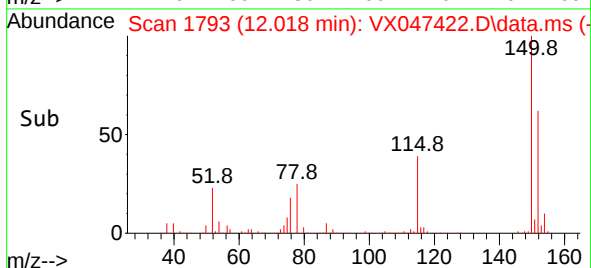
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

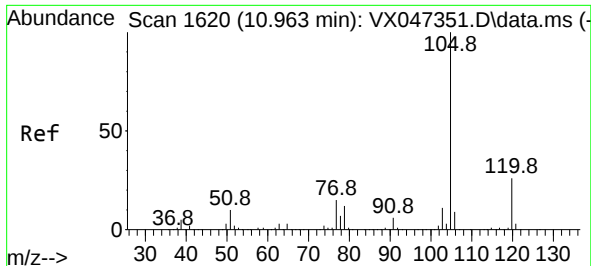


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43



Tgt Ion:152 Resp: 195566
Ion Ratio Lower Upper
152 100
115 69.2 44.6 133.8
150 165.0 0.0 349.8





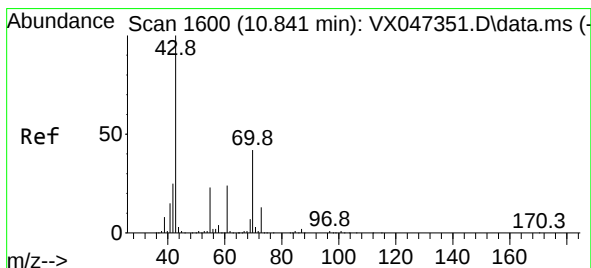
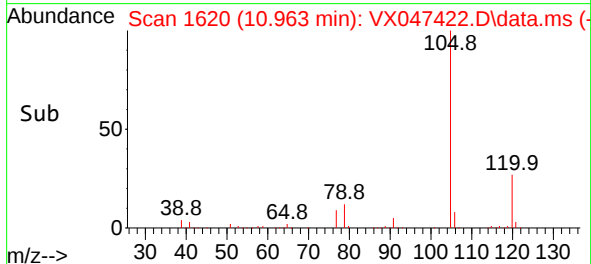
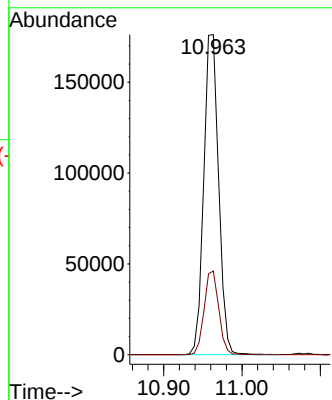
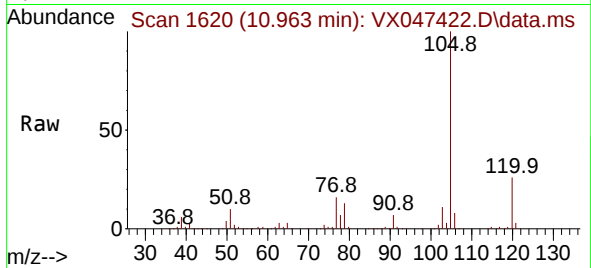
#73
Isopropylbenzene
Concen: 15.177 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01

Tgt Ion:105 Resp: 23226
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.6

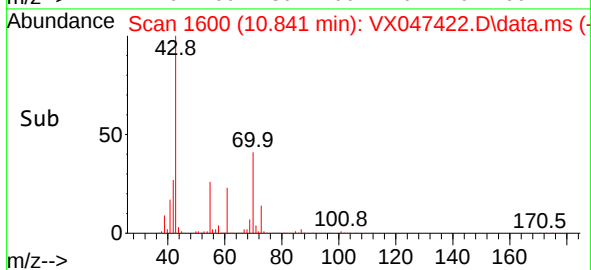
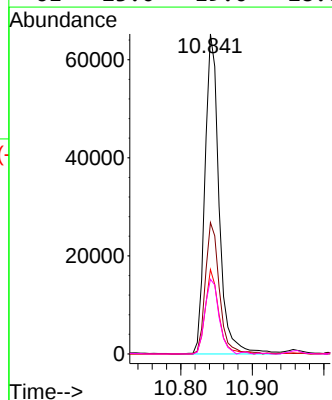
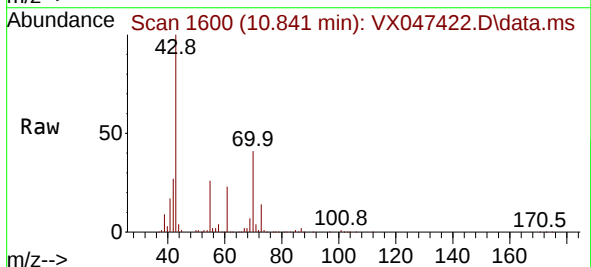
Manual Integrations
APPROVED

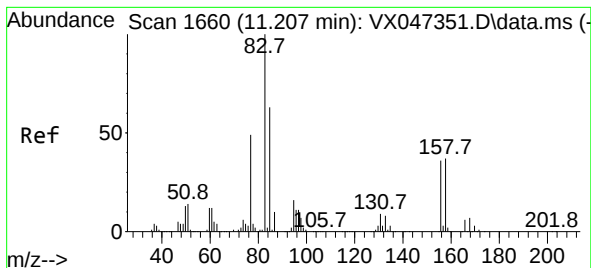
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#74
N-ethyl acetate
Concen: 15.484 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

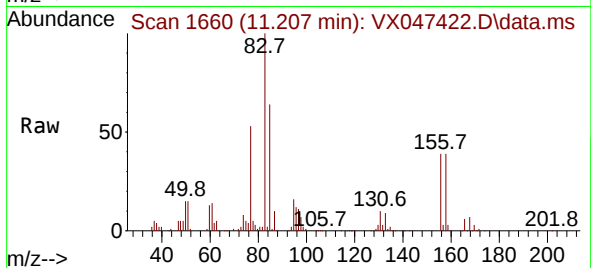
Tgt Ion: 43 Resp: 89988
Ion Ratio Lower Upper
43 100
70 40.6 33.1 49.7
55 25.1 19.0 28.6
61 23.0 19.0 28.6





#75
 1,1,2,2-Tetrachloroethane
 Concen: 16.629 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. 0.000 min
 Lab File: VX047422.D
 Acq: 19 Aug 2025 18:43

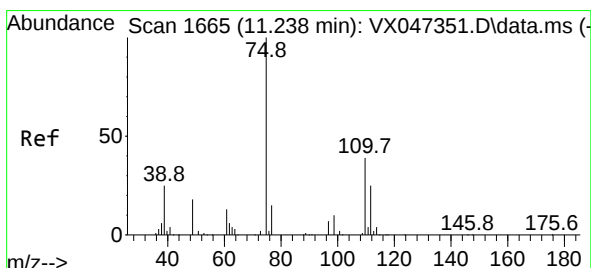
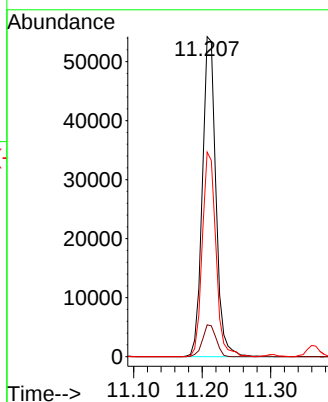
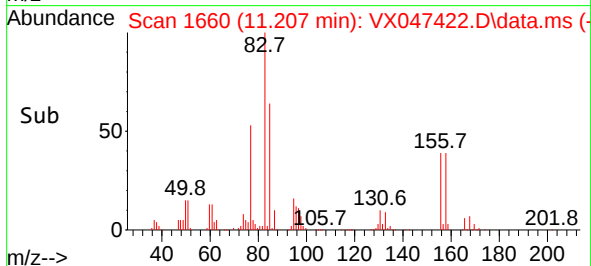
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819MBS01



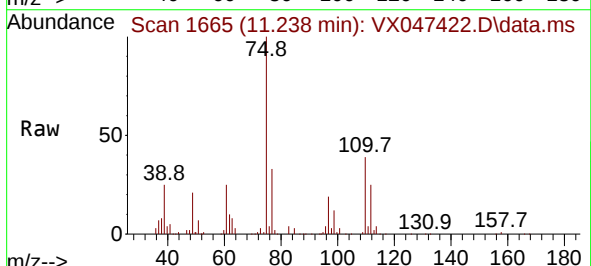
Tgt Ion: 83 Resp: 74720
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.0 15.0
 85 64.1 31.7 95.1

Manual Integrations
 APPROVED

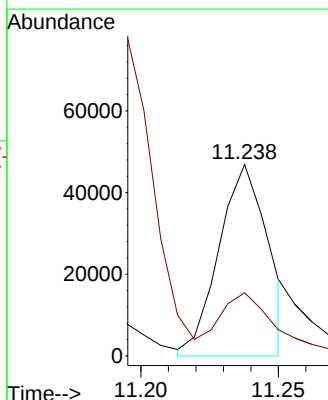
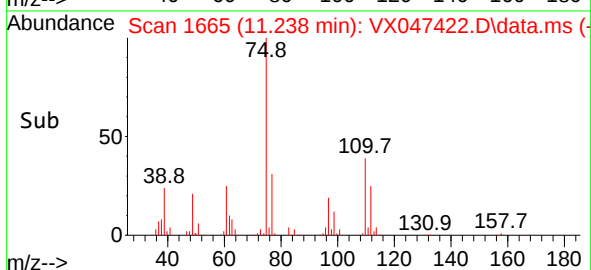
Reviewed By :John Carlone 08/20/2025
 Supervised By :Mahesh Dadoda 08/20/2025

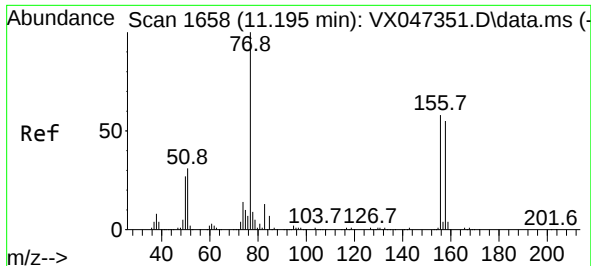


#76
 1,2,3-Trichloropropane
 Concen: 16.228 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX047422.D
 Acq: 19 Aug 2025 18:43



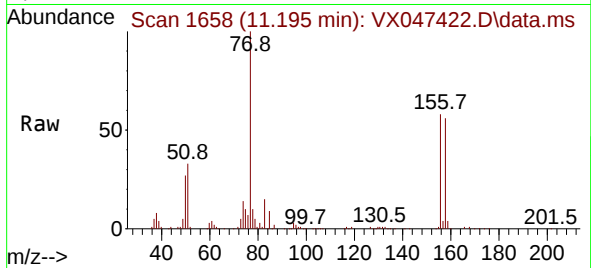
Tgt Ion: 75 Resp: 58209
 Ion Ratio Lower Upper
 75 100
 77 39.0 19.4 58.2





#77
Bromobenzene
Concen: 16.040 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

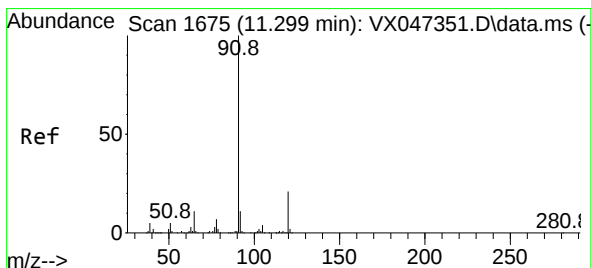
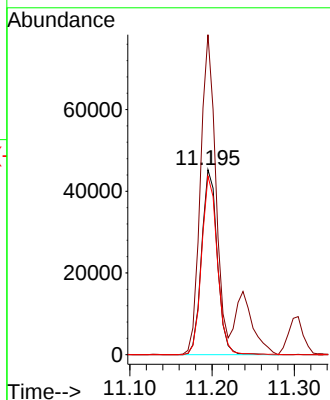
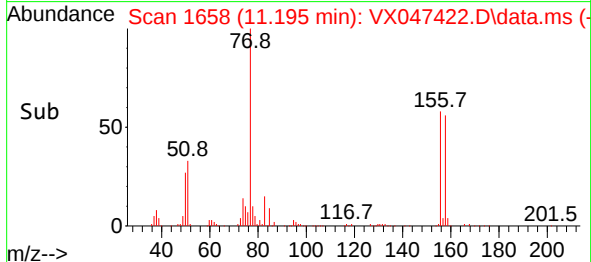
Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01



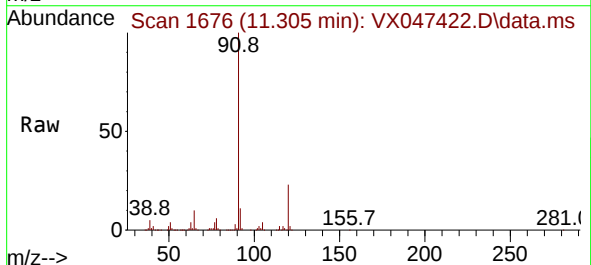
Tgt Ion:156 Resp: 5994
Ion Ratio Lower Upper
156 100
77 168.9 86.3 258.9
158 97.1 48.0 144.2

Manual Integrations
APPROVED

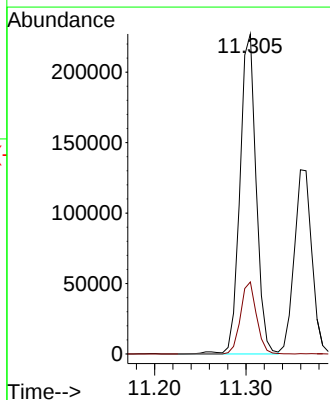
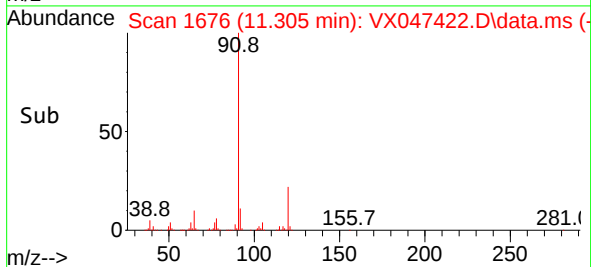
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#78
n-propylbenzene
Concen: 15.258 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43



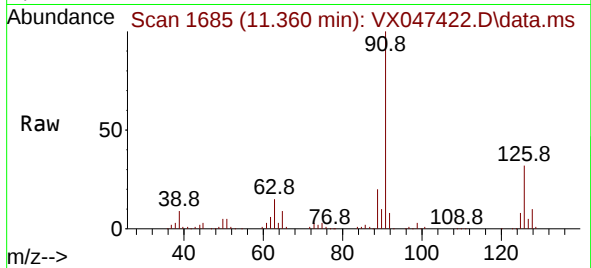
Tgt Ion: 91 Resp: 278882
Ion Ratio Lower Upper
91 100
120 22.2 11.0 33.0





#79
2-Chlorotoluene
Concen: 15.887 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

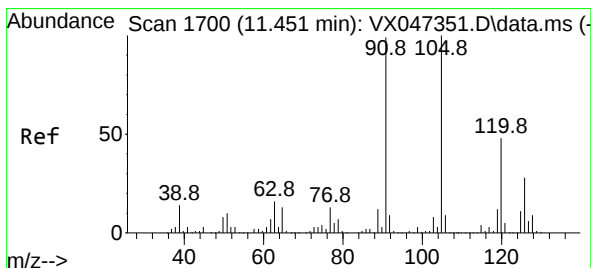
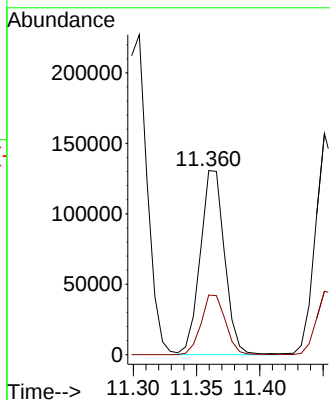
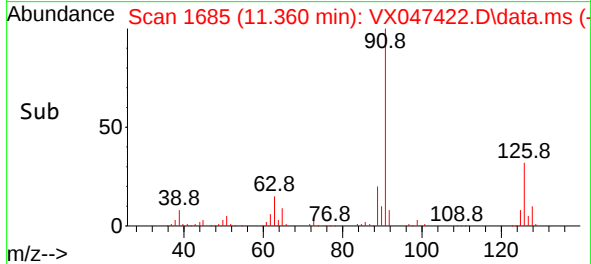
Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01



Tgt Ion: 91 Resp: 17553
Ion Ratio Lower Upper
91 100
126 32.3 16.7 50.1

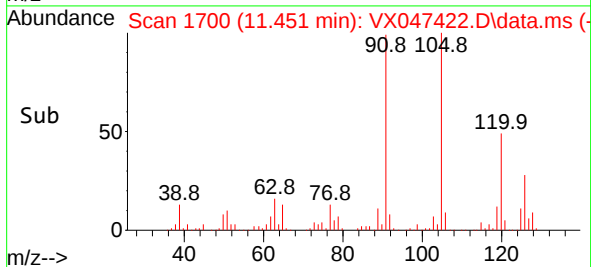
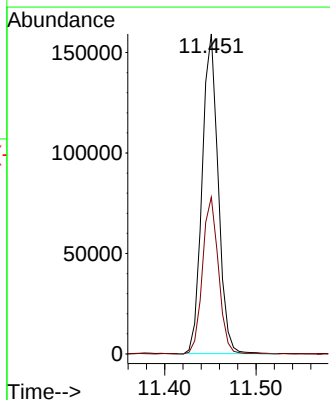
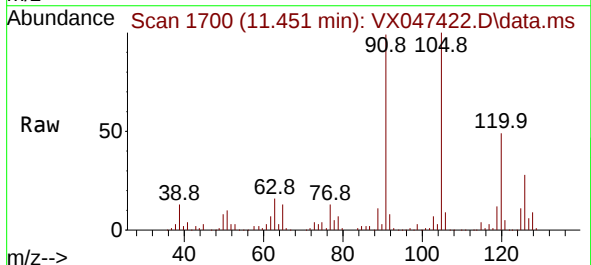
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#80
1,3,5-Trimethylbenzene
Concen: 15.372 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

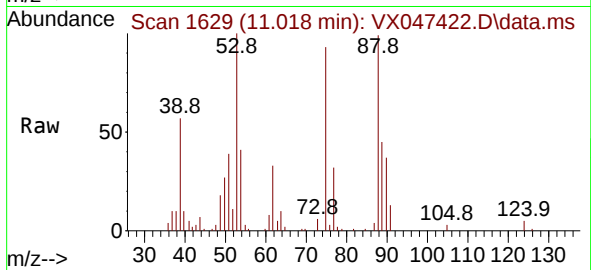
Tgt Ion:105 Resp: 193559
Ion Ratio Lower Upper
105 100
120 48.8 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 16.799 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

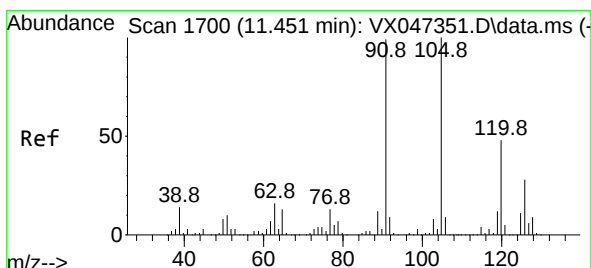
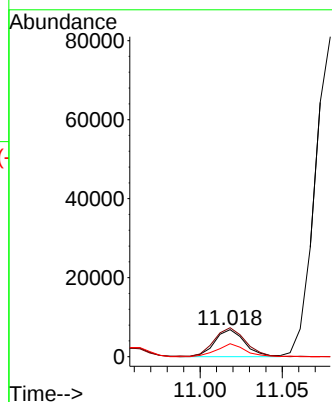
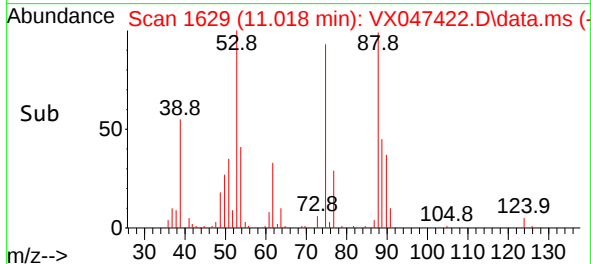
Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01



Tgt Ion: 75 Resp: 8748
Ion Ratio Lower Upper
75 100
53 112.3 85.2 127.8
89 45.3 36.7 55.1

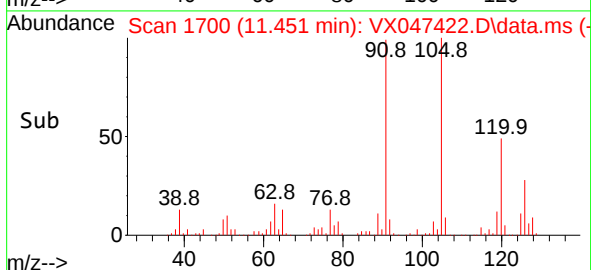
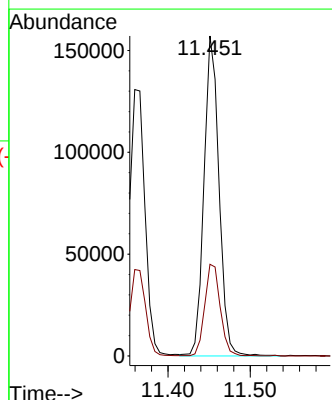
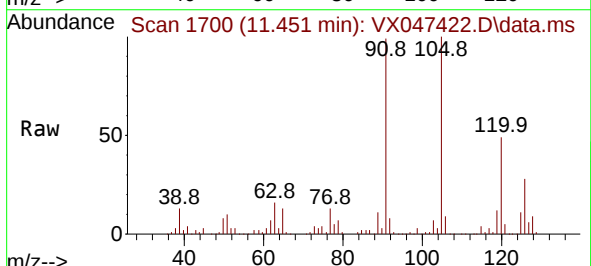
Manual Integrations
APPROVED

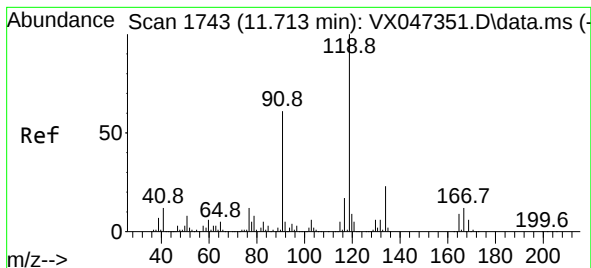
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#82
4-Chlorotoluene
Concen: 15.344 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

Tgt Ion: 91 Resp: 199851
Ion Ratio Lower Upper
91 100
126 29.4 14.4 43.0





#83

tert-Butylbenzene

Concen: 15.335 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX047422.D

Acq: 19 Aug 2025 18:43

Instrument :

MSVOA_X

ClientSampleId :

VX0819MBS01

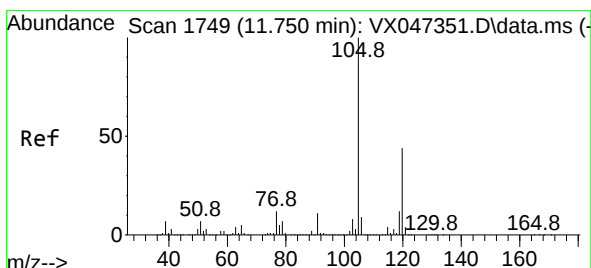
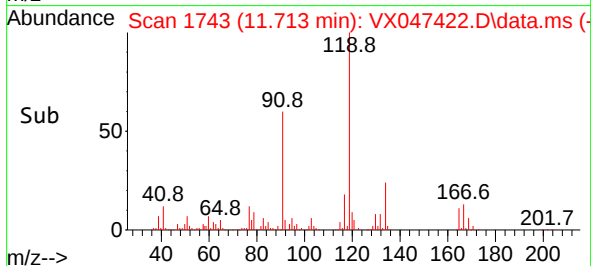
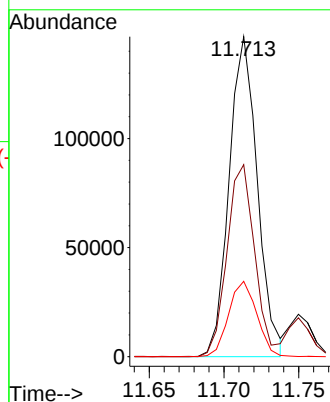
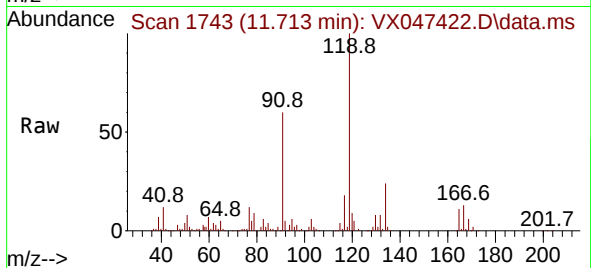
Tgt Ion:	119	Resp:	19265
Ion Ratio	Lower	Upper	
119	100		
91	59.2	29.1	87.4
134	23.5	11.3	33.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#84

1,2,4-Trimethylbenzene

Concen: 15.836 ug/l

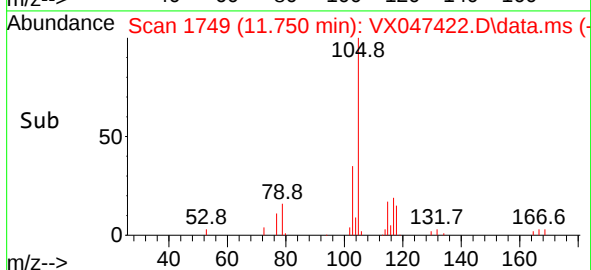
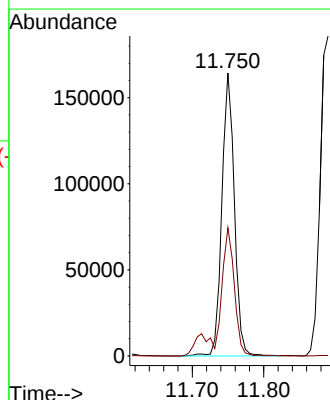
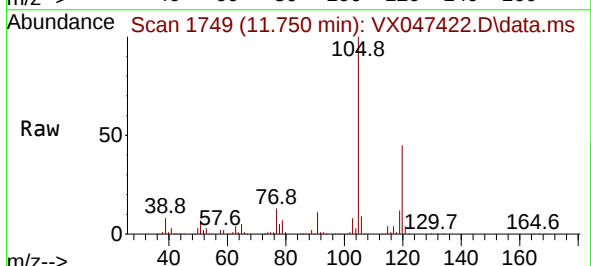
RT: 11.750 min Scan# 1749

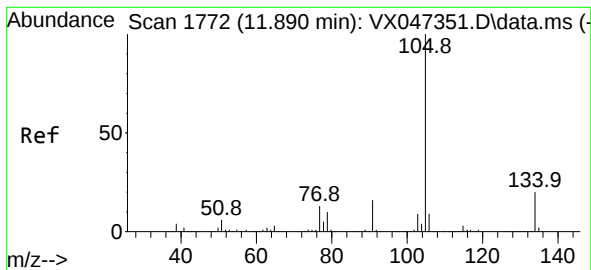
Delta R.T. 0.000 min

Lab File: VX047422.D

Acq: 19 Aug 2025 18:43

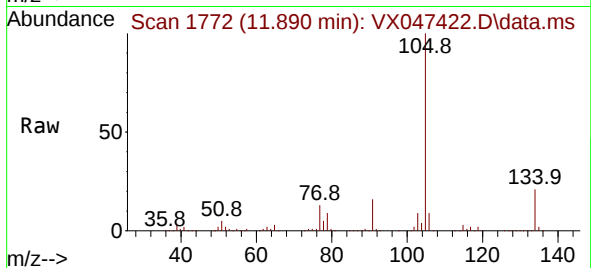
Tgt Ion:	105	Resp:	199405
Ion Ratio	Lower	Upper	
105	100		
120	43.9	21.9	65.7





#85
 sec-Butylbenzene
 Concen: 15.121 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047422.D
 Acq: 19 Aug 2025 18:43

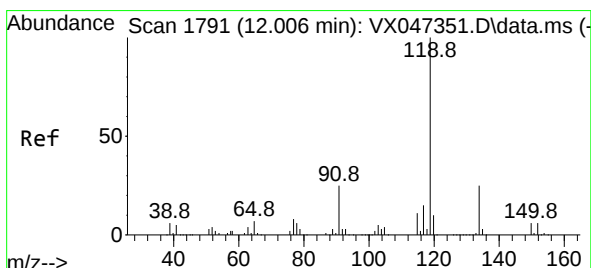
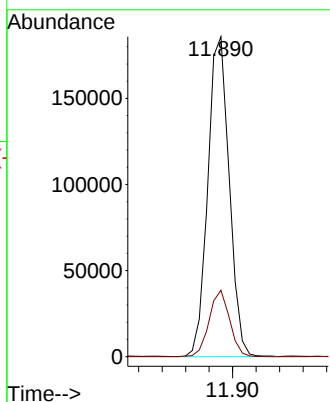
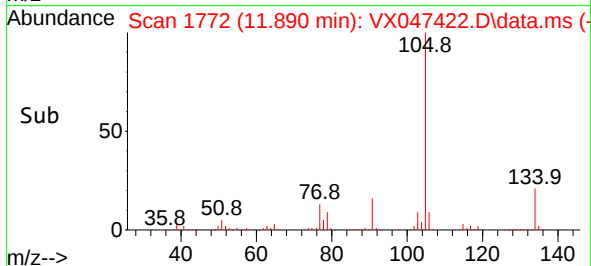
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819MBS01



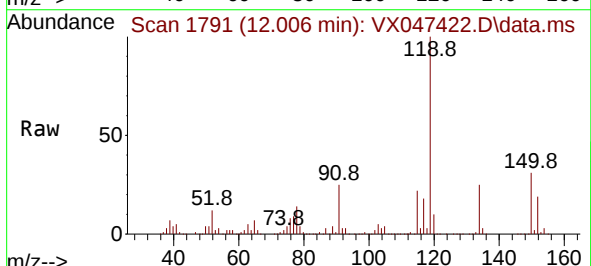
Tgt Ion:105 Resp: 235440
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.5

Manual Integrations
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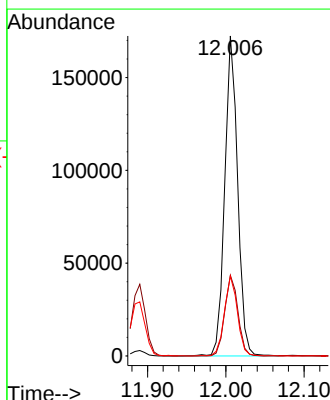
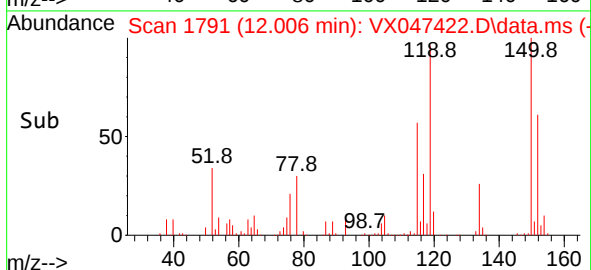
Reviewed By :John Carlone 08/20/2025
 Supervised By :Mahesh Dadoda 08/20/2025

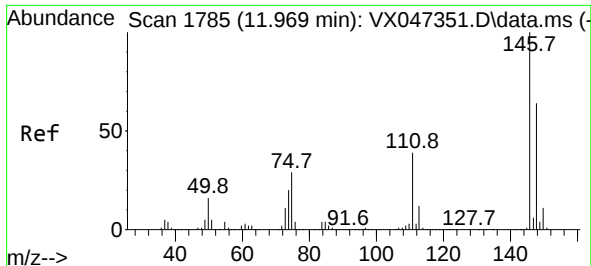


#86
 p-Isopropyltoluene
 Concen: 14.986 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047422.D
 Acq: 19 Aug 2025 18:43



Tgt Ion:119 Resp: 197454
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.4
 91 25.4 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 15.733 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047422.D

Acq: 19 Aug 2025 18:43

Instrument :

MSVOA_X

ClientSampleId :

VX0819MBS01

Tgt Ion:146 Resp: 11232

Ion Ratio Lower Upper

146 100

111 41.0 20.6 61.8

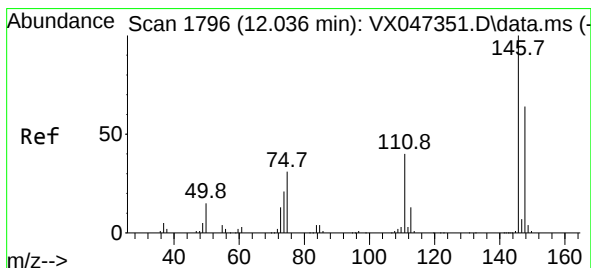
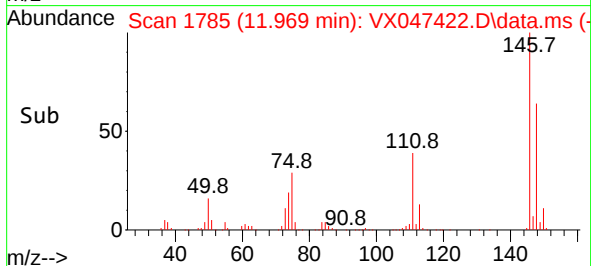
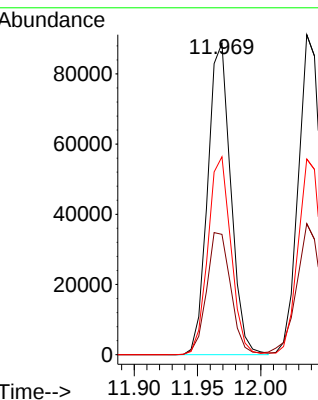
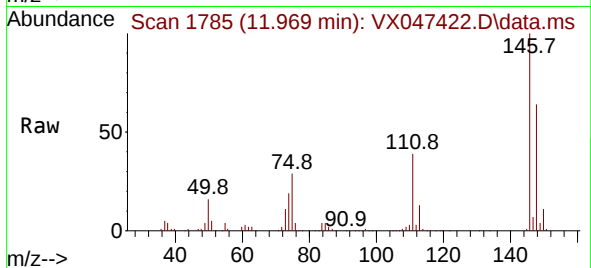
148 63.4 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#88

1,4-Dichlorobenzene

Concen: 15.641 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047422.D

Acq: 19 Aug 2025 18:43

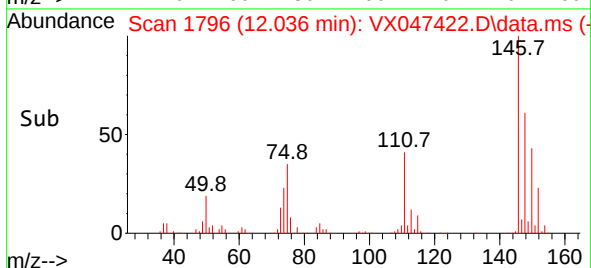
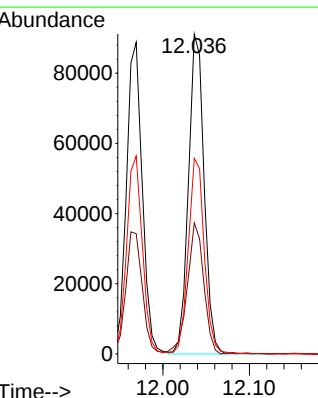
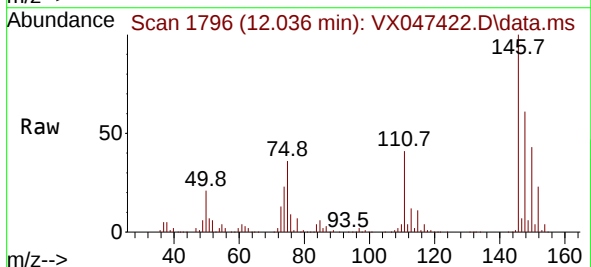
Tgt Ion:146 Resp: 114851

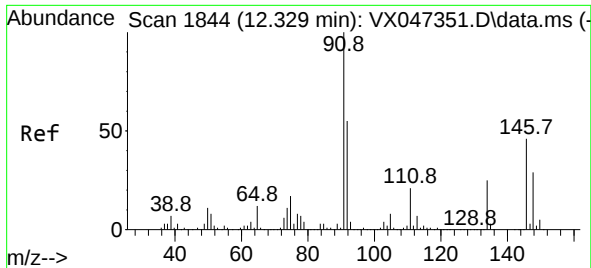
Ion Ratio Lower Upper

146 100

111 42.7 20.4 61.2

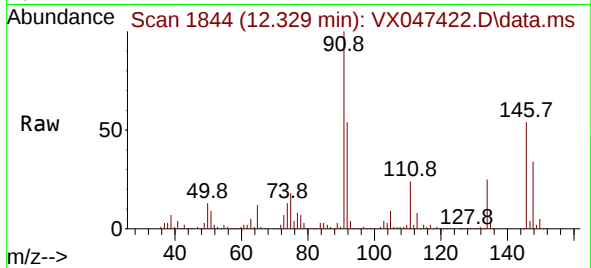
148 62.9 31.7 95.1





#89
n-Butylbenzene
Concen: 14.520 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

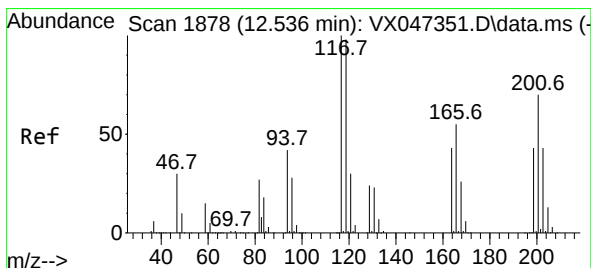
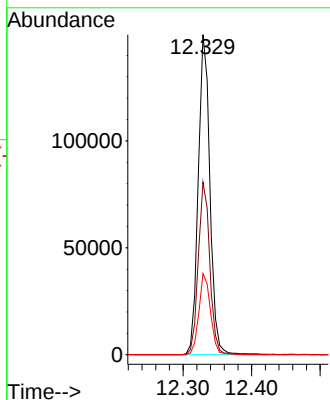
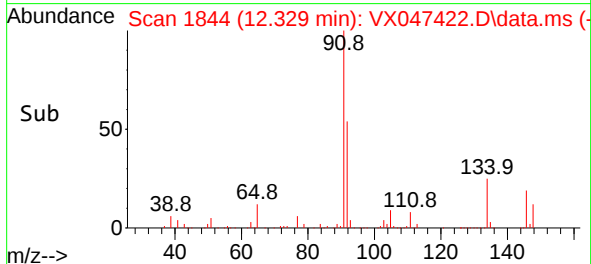
Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01



Tgt Ion: 91 Resp: 17795
Ion Ratio Lower Upper
91 100
92 53.3 27.2 81.5
134 25.1 12.6 37.8

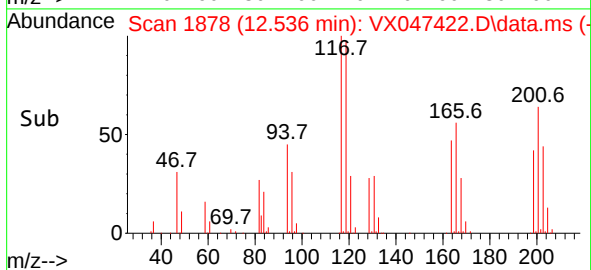
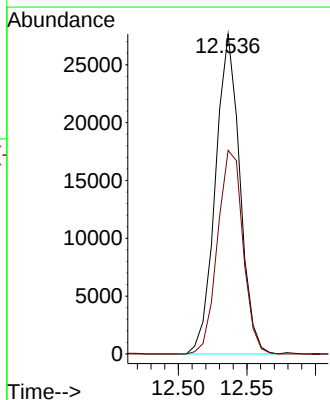
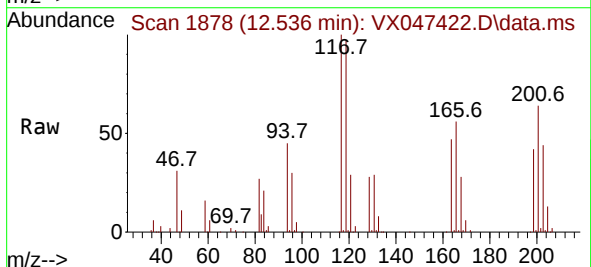
Manual Integrations
APPROVED

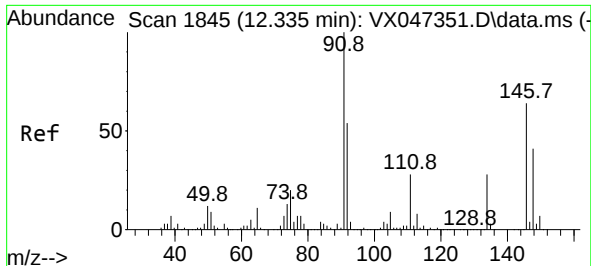
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#90
Hexachloroethane
Concen: 14.809 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

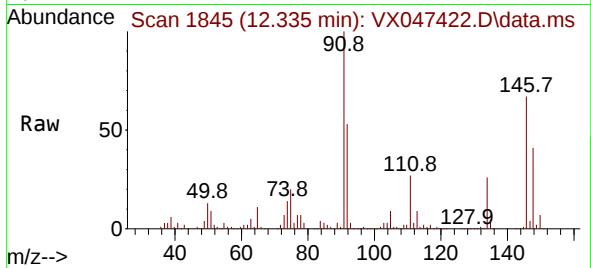
Tgt Ion:117 Resp: 34232
Ion Ratio Lower Upper
117 100
201 66.3 35.1 105.3





#91
1,2-Dichlorobenzene
Concen: 16.220 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

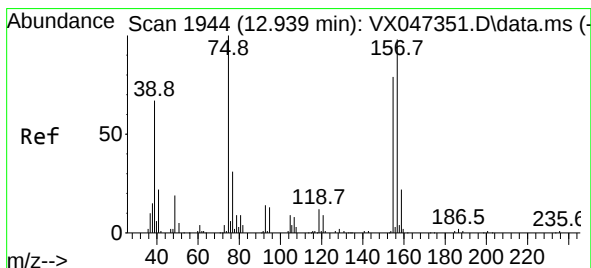
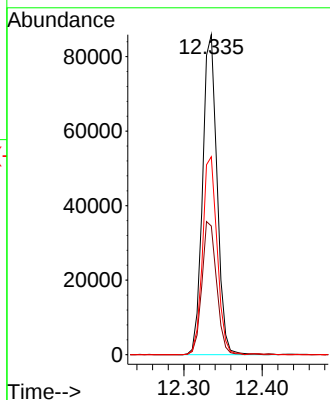
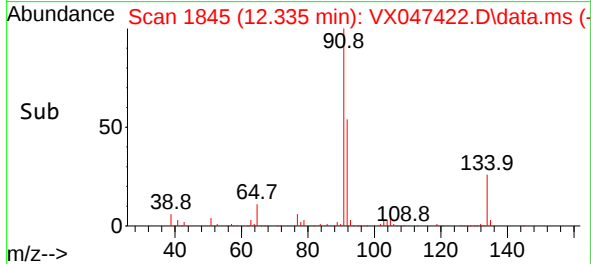
Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01



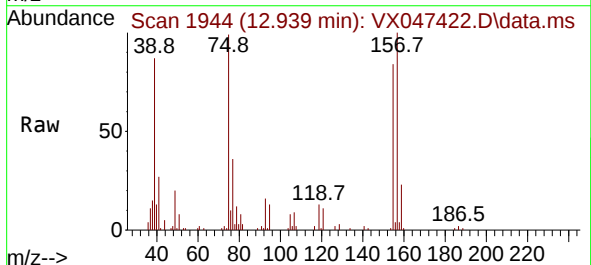
Tgt Ion:146 Resp: 109912
Ion Ratio Lower Upper
146 100
111 42.1 22.1 66.1
148 62.3 31.9 95.5

Manual Integrations
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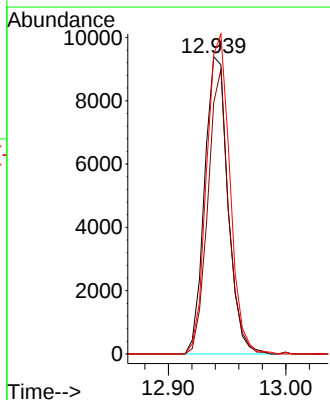
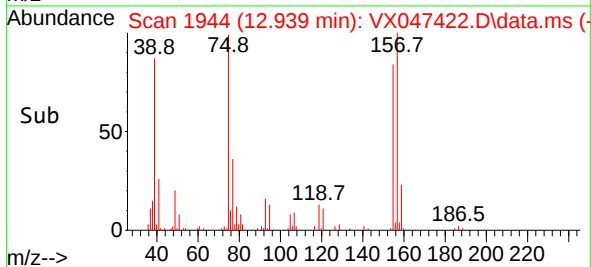
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

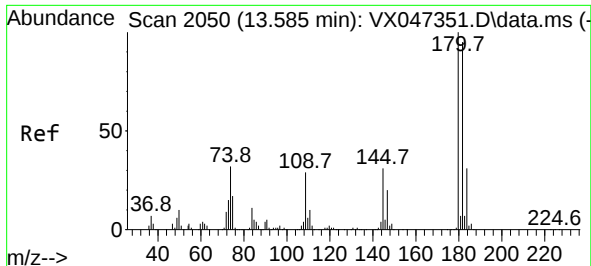


#92
1,2-Dibromo-3-Chloropropane
Concen: 14.951 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43



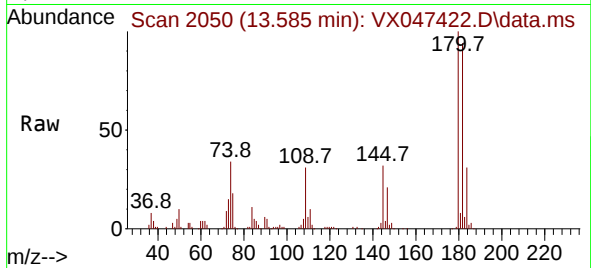
Tgt Ion: 75 Resp: 12992
Ion Ratio Lower Upper
75 100
155 84.9 41.3 123.7
157 107.1 51.5 154.5





#93
1,2,4-Trichlorobenzene
Concen: 14.448 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

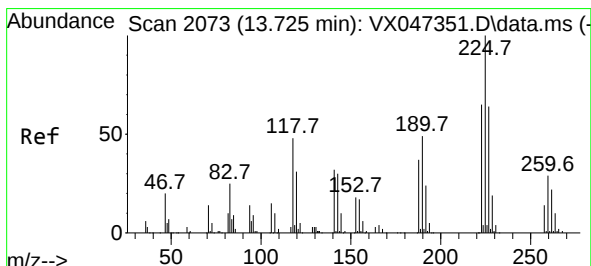
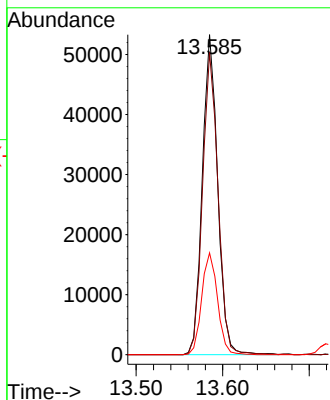
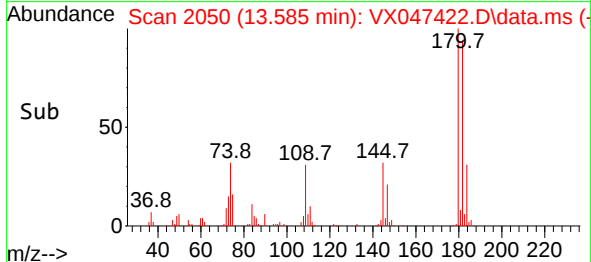
Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01



Tgt Ion:180 Resp: 6563
Ion Ratio Lower Upper
180 100
182 95.3 48.1 144.4
145 32.7 16.2 48.5

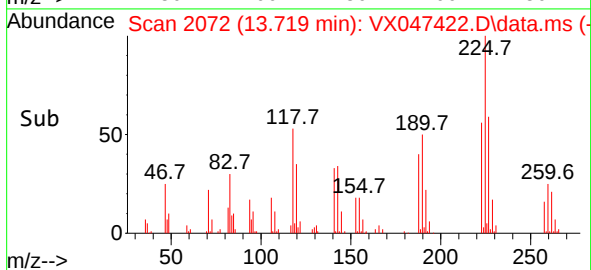
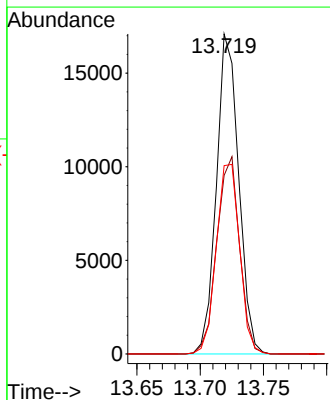
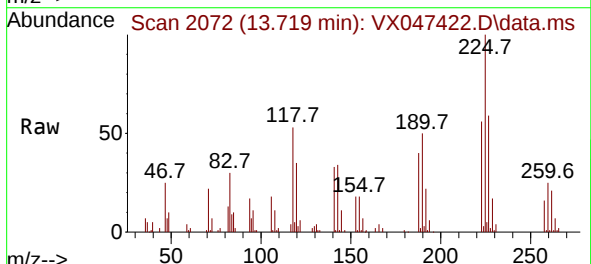
Manual Integrations
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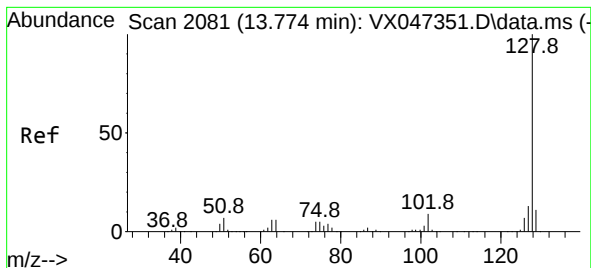
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#94
Hexachlorobutadiene
Concen: 12.908 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

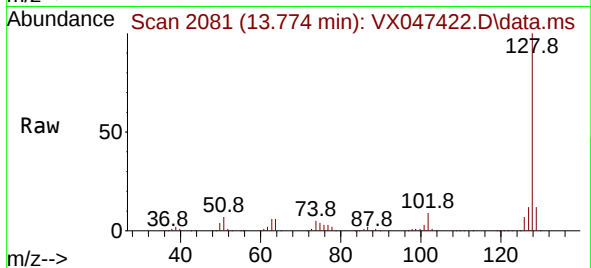
Tgt Ion:225 Resp: 20873
Ion Ratio Lower Upper
225 100
223 63.0 32.2 96.6
227 62.3 31.6 95.0





#95
Naphthalene
Concen: 15.687 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43

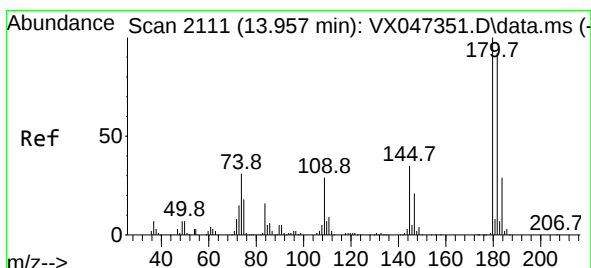
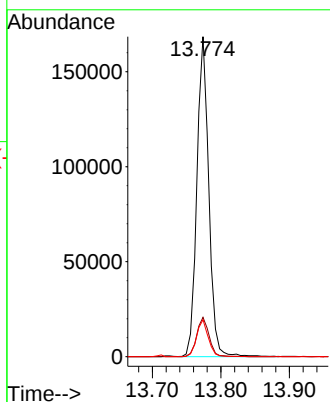
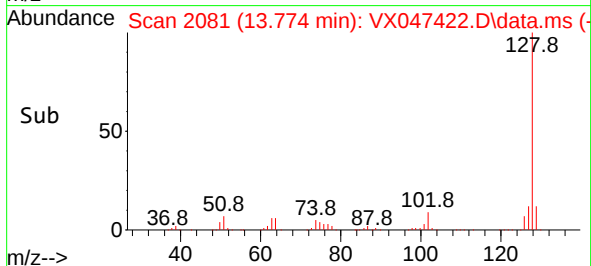
Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01



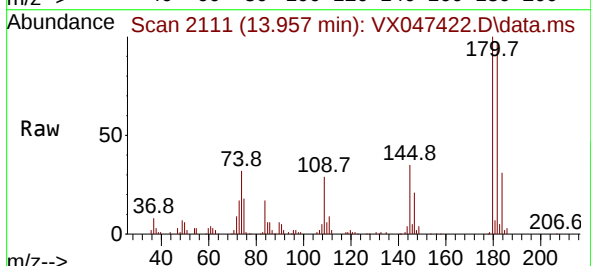
Tgt Ion:128 Resp: 20365
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 11.3 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#96
1,2,3-Trichlorobenzene
Concen: 15.155 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047422.D
Acq: 19 Aug 2025 18:43



Tgt Ion:180 Resp: 64894
Ion Ratio Lower Upper
180 100
182 95.9 48.0 144.2
145 33.3 17.4 52.2

