

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
 Data File : VX047398.D
 Acq On : 18 Aug 2025 20:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 19 01:51:21 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

Manual Integrations APPROVED

Reviewed By : John Carlone 08/19/2025
 Supervised By : Mahesh Dadoda 08/20/2025

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	239104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	409468	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	364979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	181876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	169393	50.620	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.240%			
35) Dibromofluoromethane	5.404	113	134653	50.669	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.340%			
50) Toluene-d8	8.653	98	472396	49.733	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.460%			
62) 4-Bromofluorobenzene	11.079	95	177952	50.769	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	151457	49.690	ug/l	98
3) Chloromethane	1.313	50	134677	49.117	ug/l	95
4) Vinyl Chloride	1.392	62	161209	46.841	ug/l	98
5) Bromomethane	1.624	94	41982	30.200	ug/l	97
6) Chloroethane	1.703	64	100911	47.923	ug/l	100
7) Trichlorofluoromethane	1.904	101	242847	47.704	ug/l	100
8) Diethyl Ether	2.148	74	85280	47.576	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	144462	48.921	ug/l	99
10) Methyl Iodide	2.471	142	139225	27.512	ug/l	97
11) Tert butyl alcohol	2.965	59	82261	282.575	ug/l	100
12) 1,1-Dichloroethene	2.337	96	141611	47.039	ug/l	95
13) Acrolein	2.252	56	8966	14.590	ug/l	92
14) Allyl chloride	2.684	41	217448	41.586	ug/l	98
15) Acrylonitrile	3.081	53	363973	258.742	ug/l	99
16) Acetone	2.392	43	299617	238.203	ug/l	99
17) Carbon Disulfide	2.532	76	425517	46.840	ug/l	98
18) Methyl Acetate	2.715	43	176982	54.297	ug/l	100
19) Methyl tert-butyl Ether	3.130	73	453492	49.516	ug/l	97
20) Methylene Chloride	2.806	84	157641	47.329	ug/l	98
21) trans-1,2-Dichloroethene	3.111	96	149432	46.767	ug/l	97
22) Diisopropyl ether	3.776	45	511346	49.473	ug/l	96
23) Vinyl Acetate	3.739	43	2084668	246.075	ug/l	99
24) 1,1-Dichloroethane	3.629	63	280167	47.957	ug/l	99
25) 2-Butanone	4.568	43	436669	265.075	ug/l	99
26) 2,2-Dichloropropane	4.495	77	175530	39.808	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	175340	47.114	ug/l	98
28) Bromochloromethane	4.910	49	118660	48.810	ug/l	100
29) Tetrahydrofuran	5.026	42	283761	266.507	ug/l	98
30) Chloroform	5.111	83	286078	47.982	ug/l	97
31) Cyclohexane	5.489	56	254659	47.287	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	245866	47.909	ug/l	99
36) 1,1-Dichloropropene	5.708	75	199797	47.627	ug/l	99
37) Ethyl Acetate	4.727	43	210513	48.337	ug/l	99
38) Carbon Tetrachloride	5.696	117	215992	47.116	ug/l	99
39) Methylcyclohexane	7.391	83	247122	47.227	ug/l	95
40) Benzene	6.050	78	598209	47.641	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	91908	50.045	ug/l	95
42) 1,2-Dichloroethane	6.098	62	211887	47.640	ug/l	100
43) Isopropyl Acetate	6.348	43	317114	50.686	ug/l	100
44) Trichloroethene	7.135	130	151205	47.029	ug/l	99
45) 1,2-Dichloropropane	7.434	63	149932	47.663	ug/l	98
46) Dibromomethane	7.586	93	108086	47.328	ug/l	99
47) Bromodichloromethane	7.824	83	224833	47.489	ug/l	99
48) Methyl methacrylate	7.696	41	163233	50.264	ug/l	98
49) 1,4-Dioxane	7.684	88	33800	1070.636	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	957168	265.854	ug/l	98
52) Toluene	8.720	92	371391	47.866	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	200913	48.624	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	218646	46.750	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	141129	47.906	ug/l	99
56) Ethyl methacrylate	9.116	69	221781	51.063	ug/l	99
57) 1,3-Dichloropropane	9.311	76	241320	48.073	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	531511	256.065	ug/l	100
59) 2-Hexanone	9.433	43	663645	266.477	ug/l	99
60) Dibromochloromethane	9.519	129	167507	47.846	ug/l	100
61) 1,2-Dibromoethane	9.610	107	147057	48.409	ug/l	98
64) Tetrachloroethene	9.275	164	127728	48.383	ug/l	97
65) Chlorobenzene	10.079	112	407823	47.020	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	141328	48.203	ug/l	100
67) Ethyl Benzene	10.195	91	721774	48.350	ug/l	98
68) m/p-Xylenes	10.299	106	543135	97.575	ug/l	100
69) o-Xylene	10.640	106	260931	48.711	ug/l	99
70) Styrene	10.653	104	443043	48.950	ug/l	99
71) Bromoform	10.799	173	109693	49.800	ug/l #	100
73) Isopropylbenzene	10.963	105	685100	48.136	ug/l	99
74) N-amyl acetate	10.842	43	283144	52.388	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	203458	48.688	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	162792m	48.801	ug/l	
77) Bromobenzene	11.195	156	162609	46.788	ug/l	99
78) n-propylbenzene	11.305	91	815287	47.963	ug/l	100
79) 2-Chlorotoluene	11.360	91	483943	47.097	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	559007	47.736	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	32344	43.382	ug/l	99
82) 4-Chlorotoluene	11.451	91	564800	46.629	ug/l	99
83) tert-Butylbenzene	11.713	119	559489	47.888	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	565346	48.276	ug/l	100
85) sec-Butylbenzene	11.890	105	706315	48.776	ug/l	100
86) p-Isopropyltoluene	12.006	119	588746	48.046	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	307335	46.289	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	308887	45.233	ug/l	99
89) n-Butylbenzene	12.329	91	548981	48.167	ug/l	100
90) Hexachloroethane	12.536	117	104319	48.527	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	291404	46.240	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	41583	51.455	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	199368	47.190	ug/l	97
94) Hexachlorobutadiene	13.719	225	69851	46.449	ug/l	100
95) Naphthalene	13.774	128	614882	50.928	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	188409	47.311	ug/l	99

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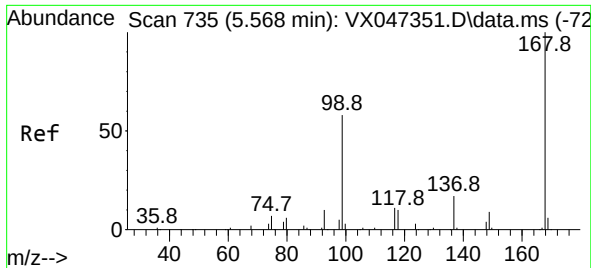
Manual Integrations
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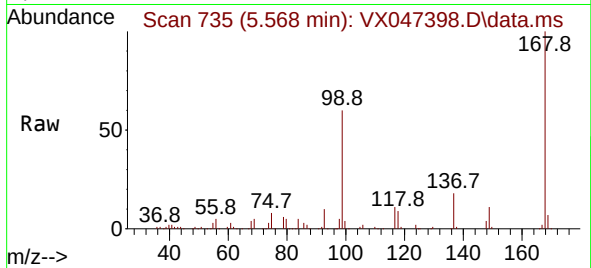
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.000 min
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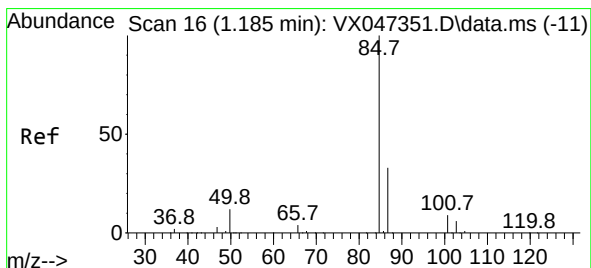
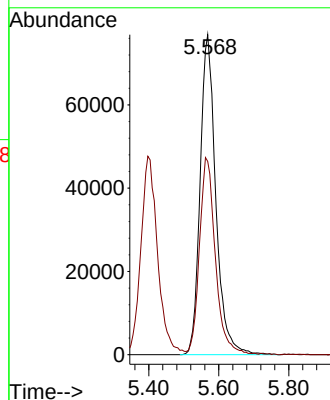
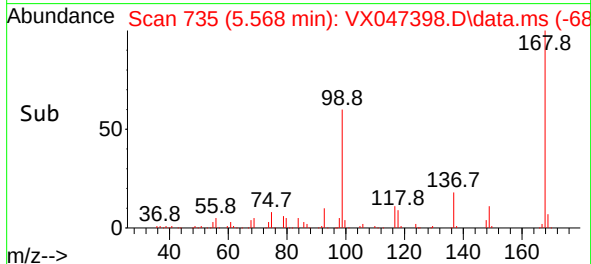
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:168 Resp: 239104
Ion Ratio Lower Upper
168 100
99 60.4 47.9 71.9

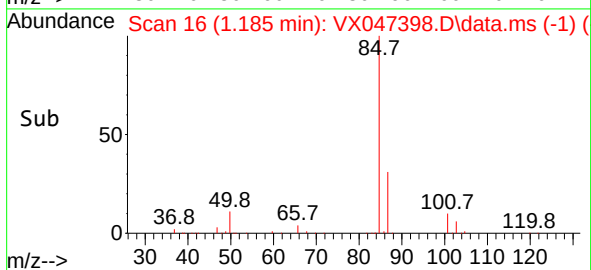
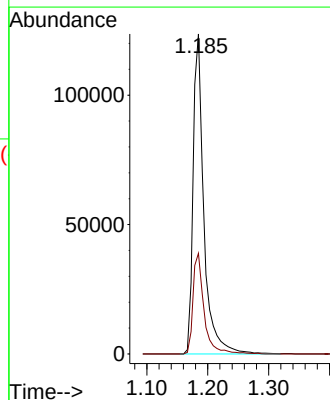
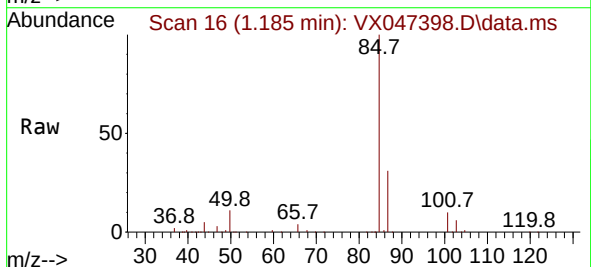
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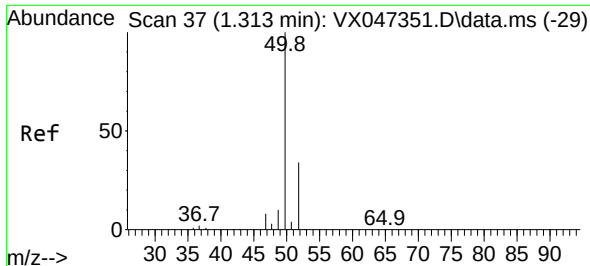
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#2
Dichlorodifluoromethane
Concen: 49.690 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

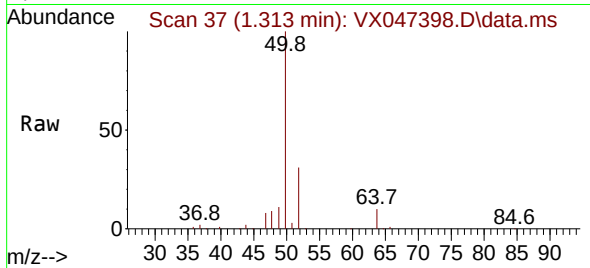
Tgt Ion: 85 Resp: 151457
Ion Ratio Lower Upper
85 100
87 31.5 16.4 49.1





#3
Chloromethane
Concen: 49.117 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

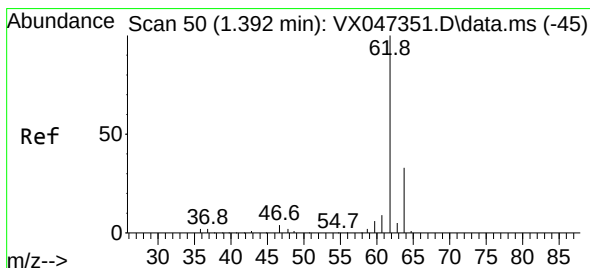
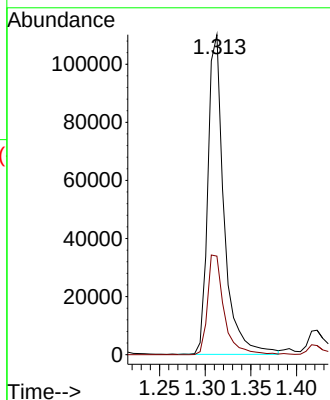
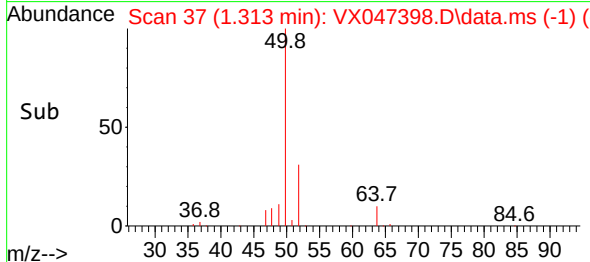
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Tgt Ion: 50 Resp: 13467
Ion Ratio Lower Upper
50 100
52 30.8 27.0 40.4

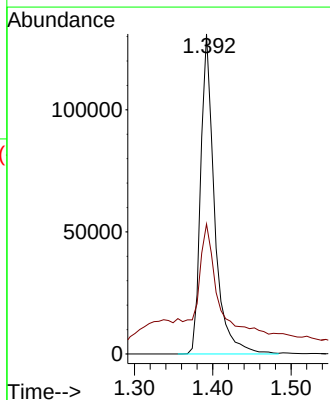
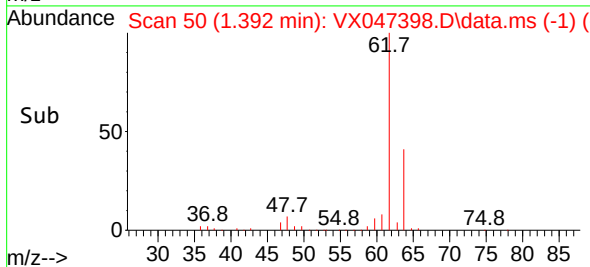
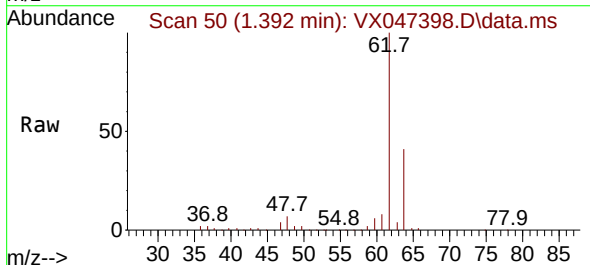
Manual Integrations
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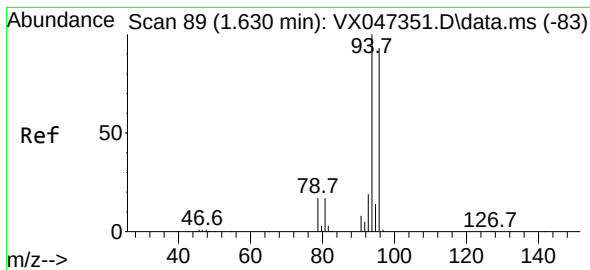
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#4
Vinyl Chloride
Concen: 46.841 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 62 Resp: 161209
Ion Ratio Lower Upper
62 100
64 34.3 26.5 39.7





#5

Bromomethane

Concen: 30.200 ug/l

RT: 1.624 min Scan# 89

Delta R.T. -0.006 min

Lab File: VX047398.D

Acq: 18 Aug 2025 20:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 4198

Ion Ratio Lower Upper

94 100

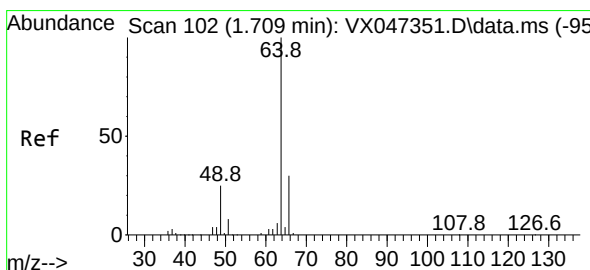
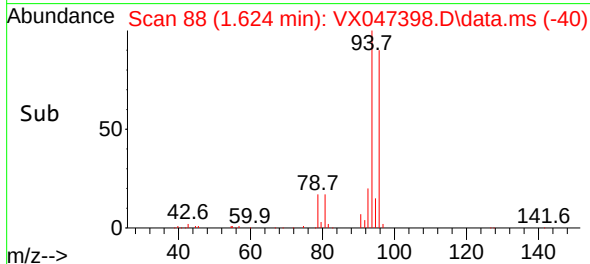
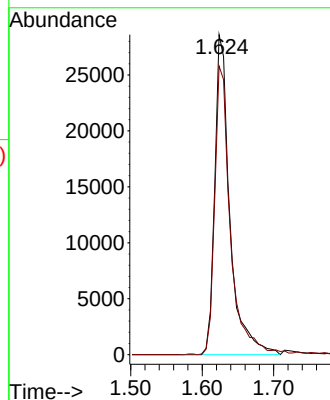
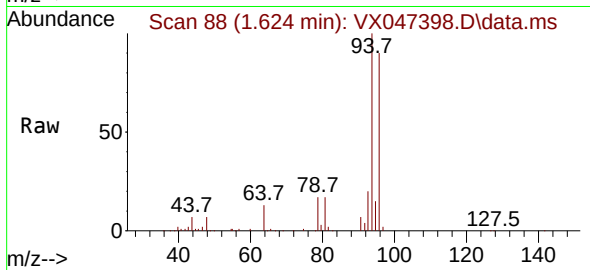
96 90.2 74.7 112.1

Manual Integrations

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#6

Chloroethane

Concen: 47.923 ug/l

RT: 1.703 min Scan# 101

Delta R.T. -0.006 min

Lab File: VX047398.D

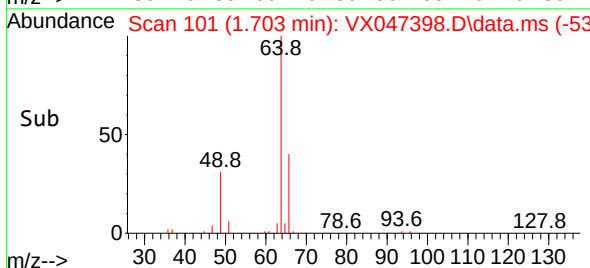
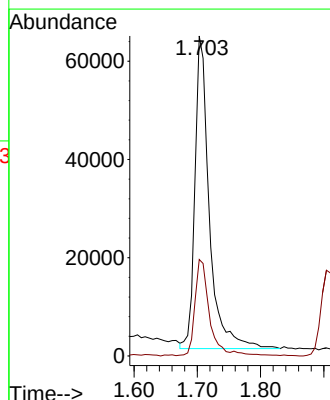
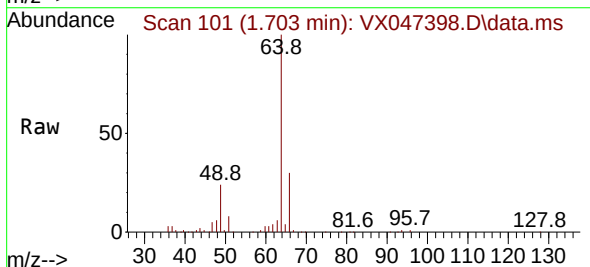
Acq: 18 Aug 2025 20:57

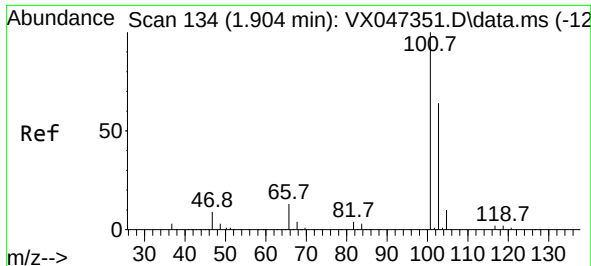
Tgt Ion: 64 Resp: 100911

Ion Ratio Lower Upper

64 100

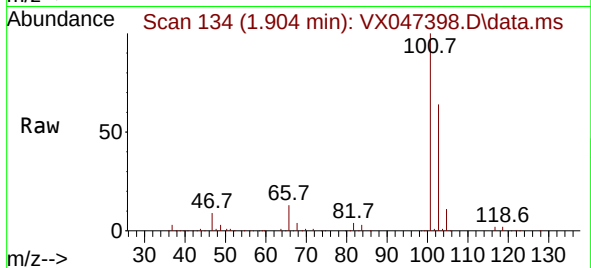
66 30.7 24.4 36.6





#7
Trichlorofluoromethane
Concen: 47.704 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047398.D
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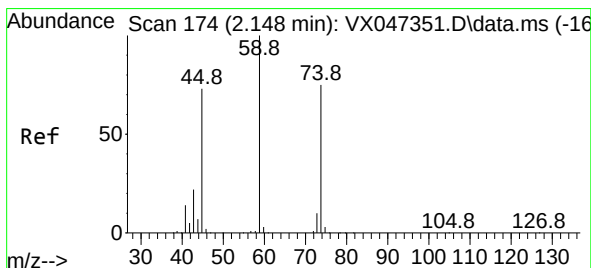
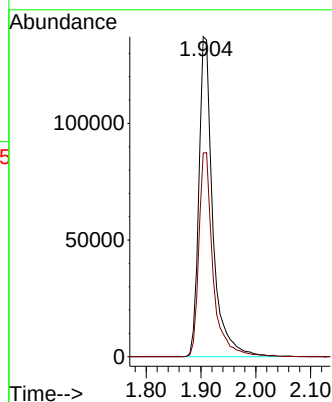
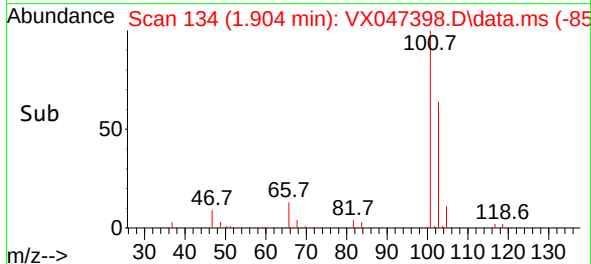
Instrument :
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Tgt Ion:101 Resp: 24284
Ion Ratio Lower Upper
101 100
103 63.6 50.9 76.3

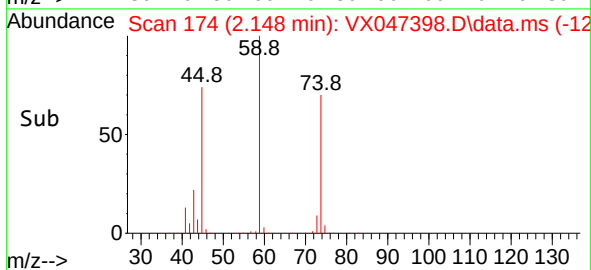
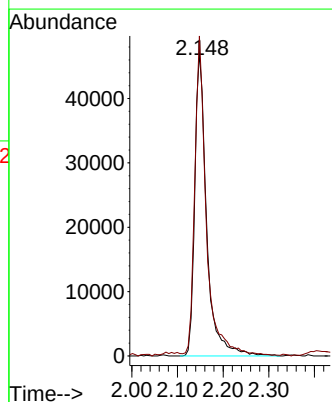
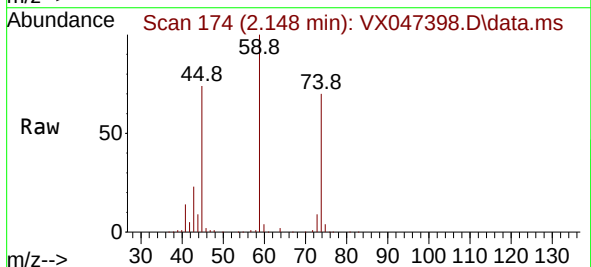
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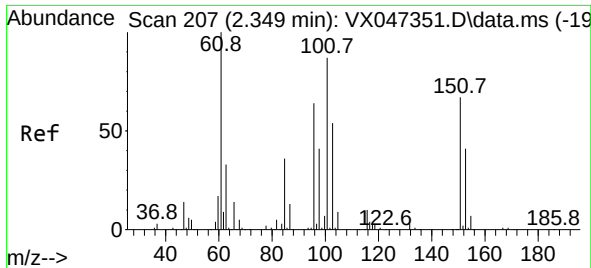
Reviewed By :John Carlone 08/19/2025
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#8
Diethyl Ether
Concen: 47.576 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
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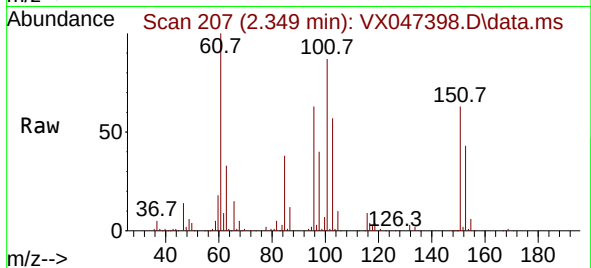
Tgt Ion: 74 Resp: 85280
Ion Ratio Lower Upper
74 100
45 101.8 51.3 154.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.921 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX047398.D
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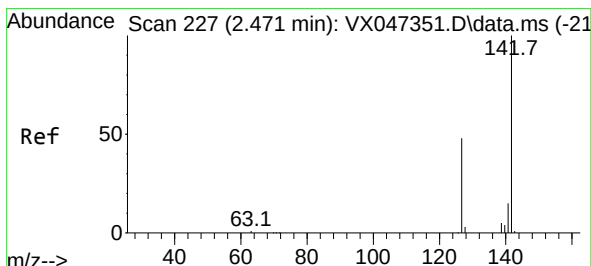
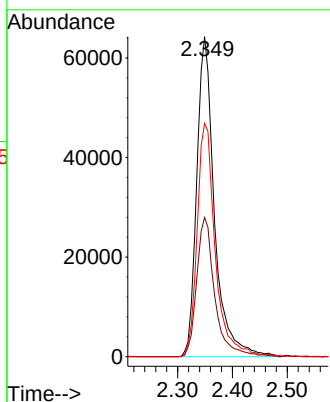
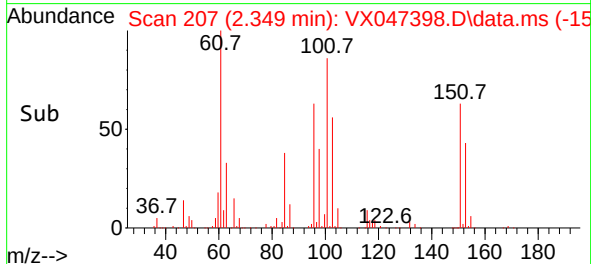
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 144462
Ion Ratio Lower Upper
101 100
85 44.4 34.3 51.5
151 74.8 59.2 88.8

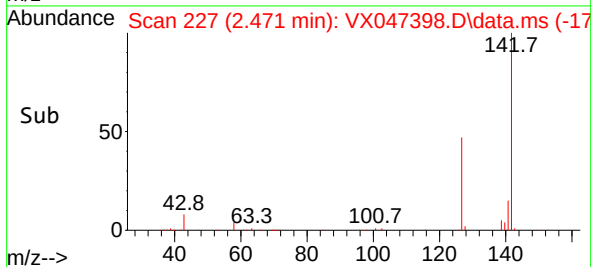
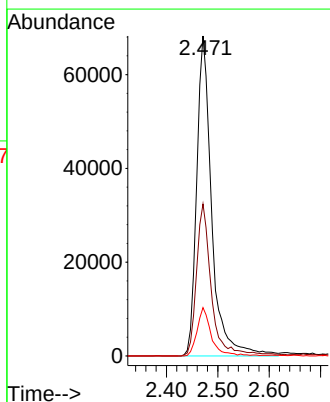
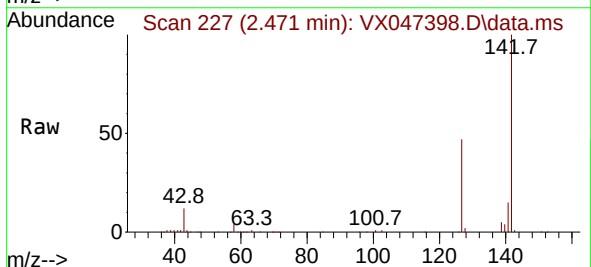
Manual Integrations
APPROVED

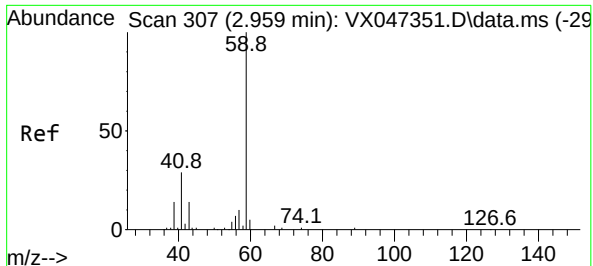
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#10
Methyl Iodide
Concen: 27.512 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

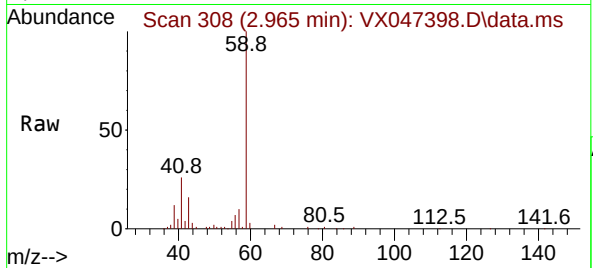
Tgt Ion:142 Resp: 139225
Ion Ratio Lower Upper
142 100
127 47.3 36.1 54.1
141 14.3 11.1 16.7





#11
Tert butyl alcohol
Concen: 282.575 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

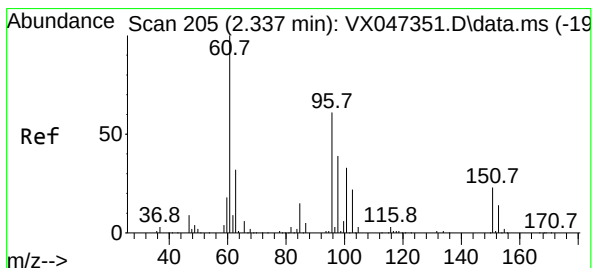
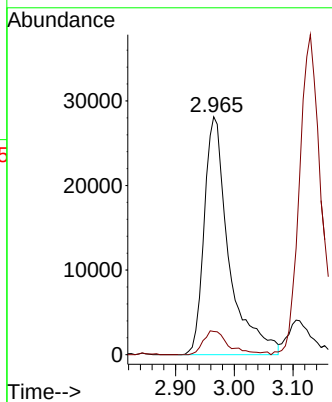
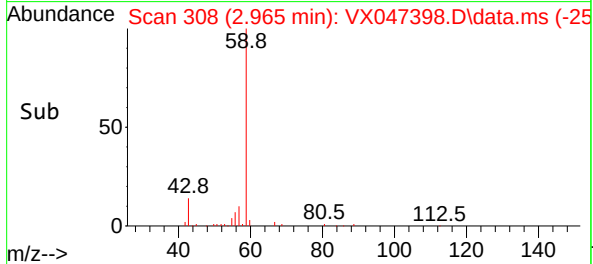
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 8226
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

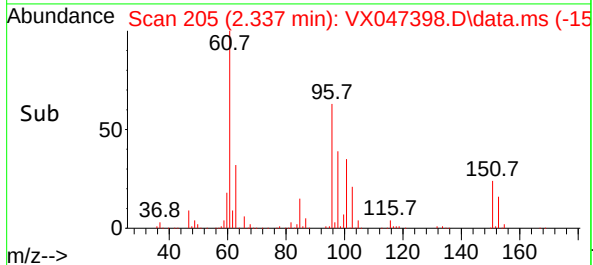
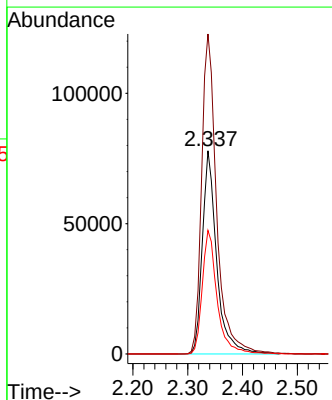
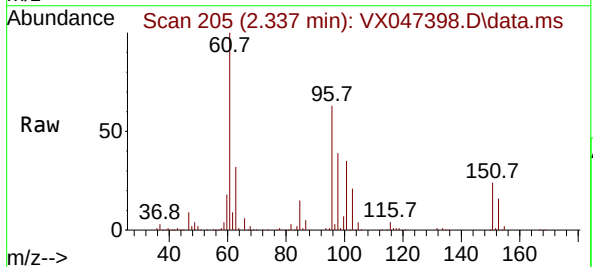
Manual Integrations
APPROVED

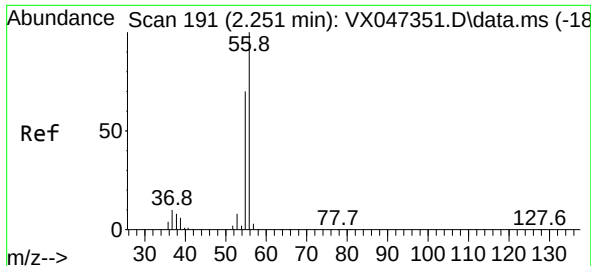
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#12
1,1-Dichloroethene
Concen: 47.039 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

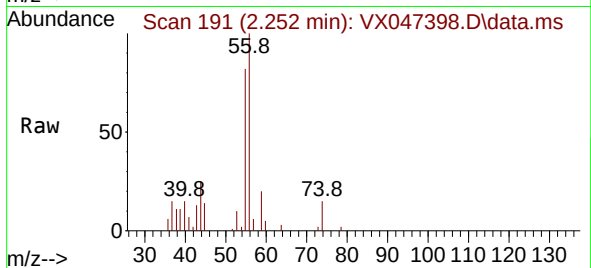
Tgt Ion: 96 Resp: 141611
Ion Ratio Lower Upper
96 100
61 157.5 132.2 198.2
98 62.2 51.2 76.8





#13
Acrolein
Concen: 14.590 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

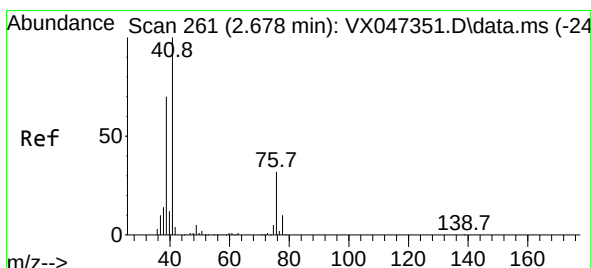
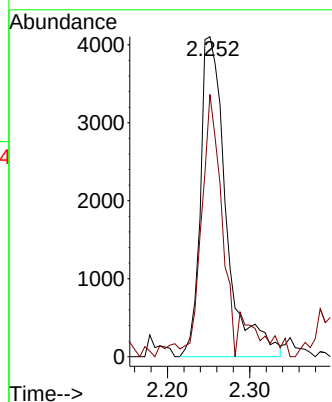
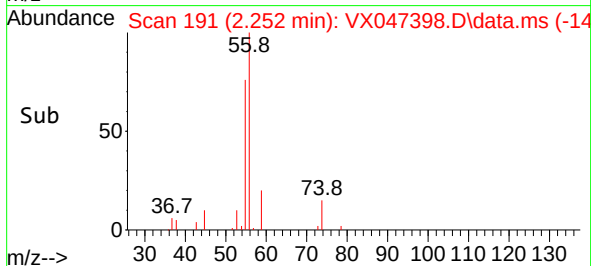
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 8960
Ion Ratio Lower Upper
56 100
55 62.5 55.5 83.3

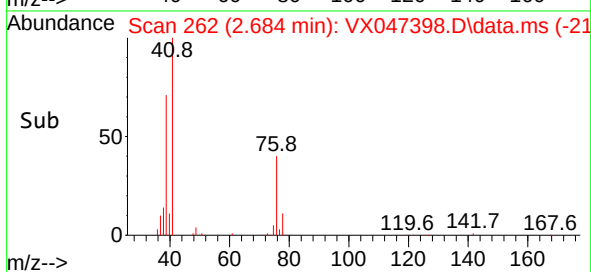
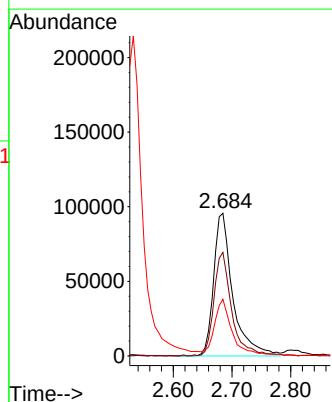
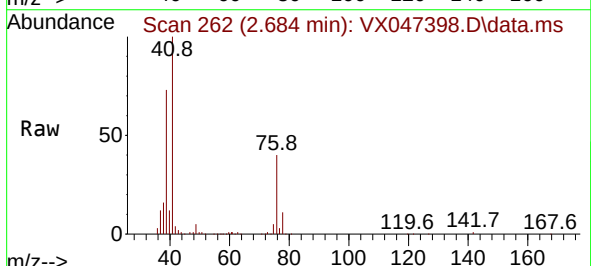
Manual Integrations
APPROVED

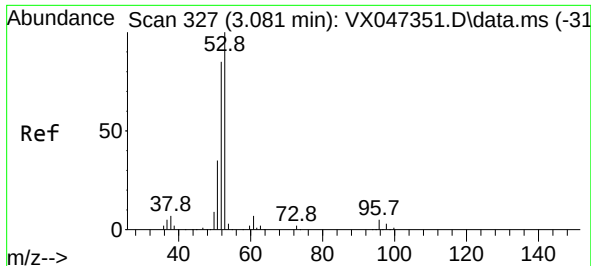
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#14
Allyl chloride
Concen: 41.586 ug/l
RT: 2.684 min Scan# 262
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

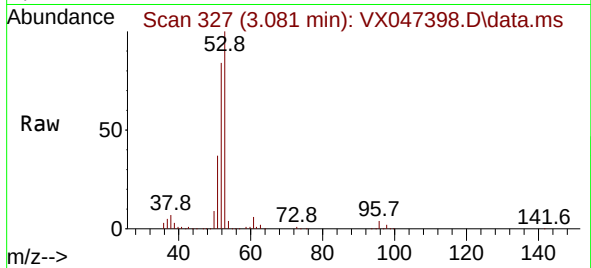
Tgt Ion: 41 Resp: 217448
Ion Ratio Lower Upper
41 100
39 67.6 54.6 81.8
76 37.7 27.6 41.4





#15
Acrylonitrile
Concen: 258.742 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

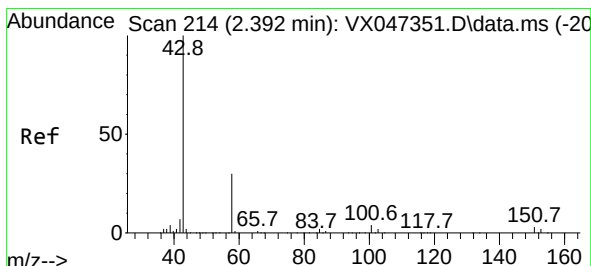
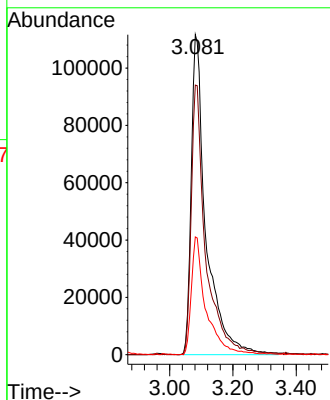
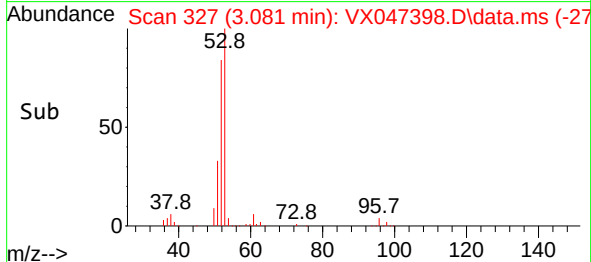
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 36397
Ion Ratio Lower Upper
53 100
52 82.2 65.8 98.6
51 36.5 28.2 42.2

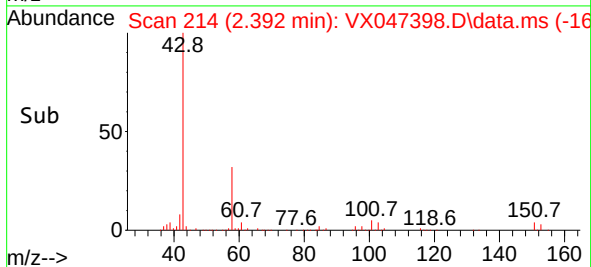
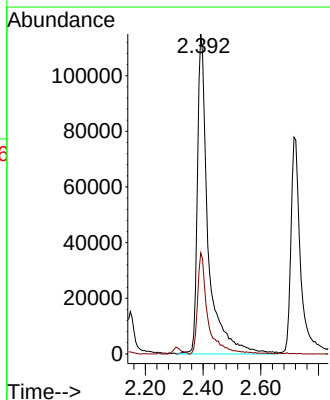
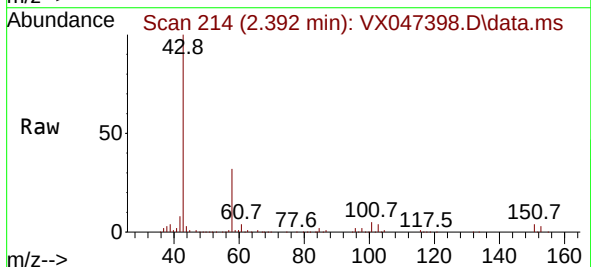
Manual Integrations
APPROVED

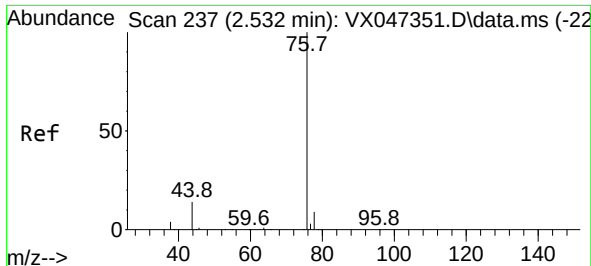
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#16
Acetone
Concen: 238.203 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

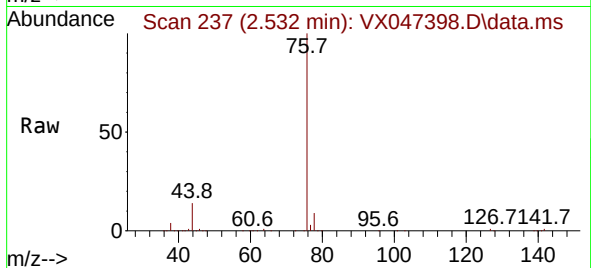
Tgt Ion: 43 Resp: 299617
Ion Ratio Lower Upper
43 100
58 31.5 24.8 37.2





#17
Carbon Disulfide
Concen: 46.840 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

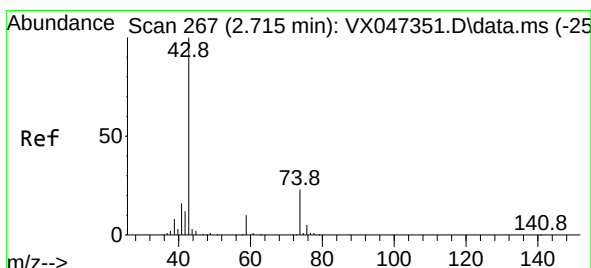
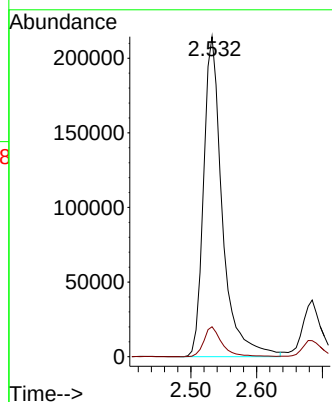
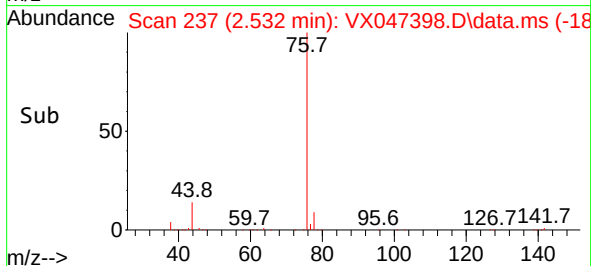
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



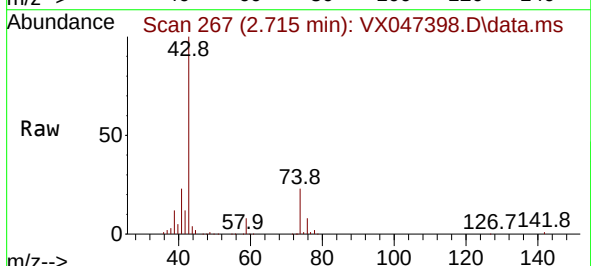
Tgt Ion: 76 Resp: 42551
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

Manual Integrations
APPROVED

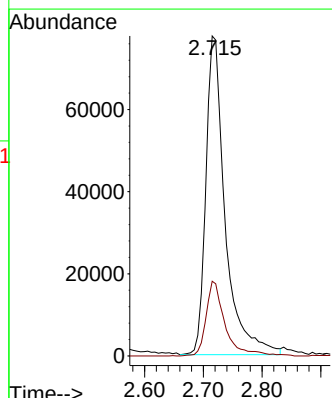
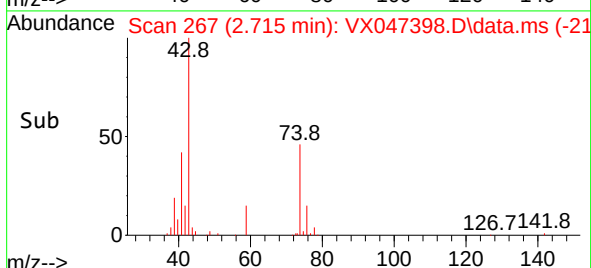
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

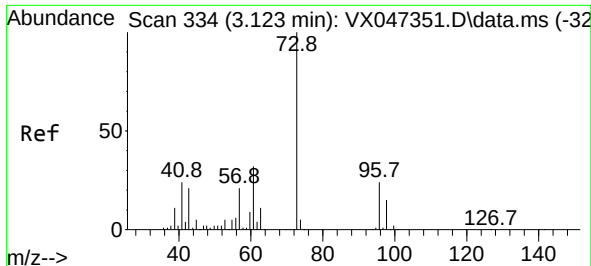


#18
Methyl Acetate
Concen: 54.297 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57



Tgt Ion: 43 Resp: 176982
Ion Ratio Lower Upper
43 100
74 23.2 18.4 27.6





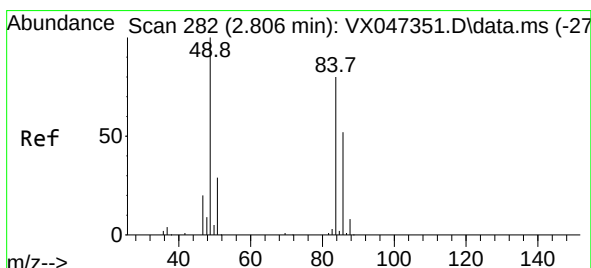
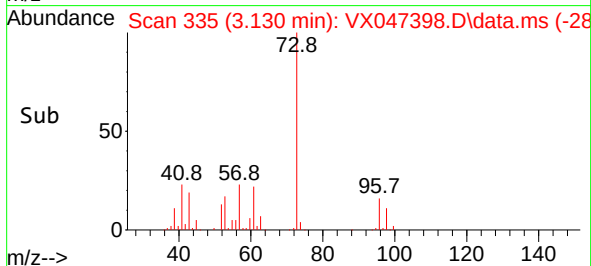
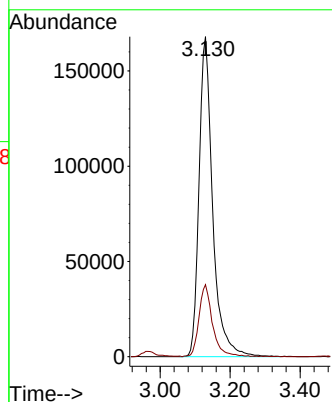
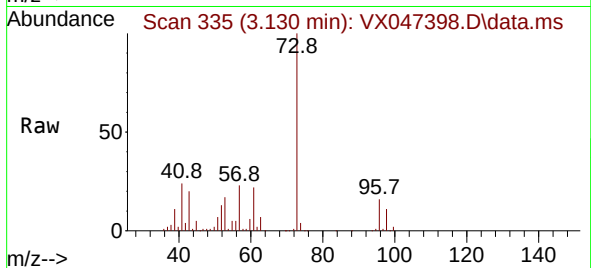
#19
Methyl tert-butyl Ether
Concen: 49.516 ug/l
RT: 3.130 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 453492
Ion Ratio Lower Upper
73 100
57 22.5 17.0 25.6

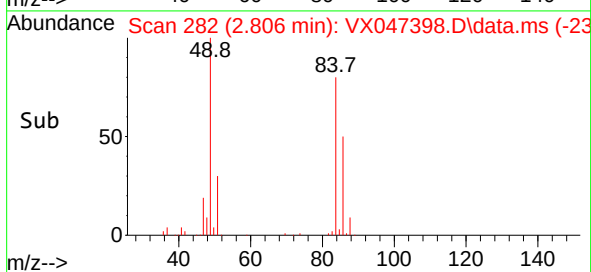
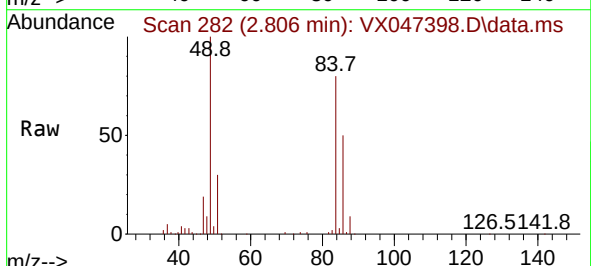
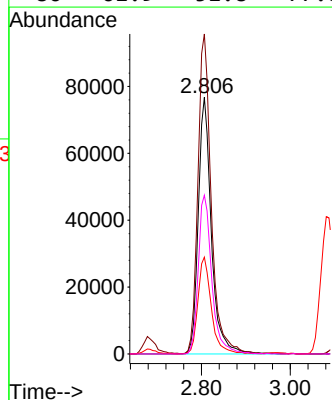
Manual Integrations
APPROVED

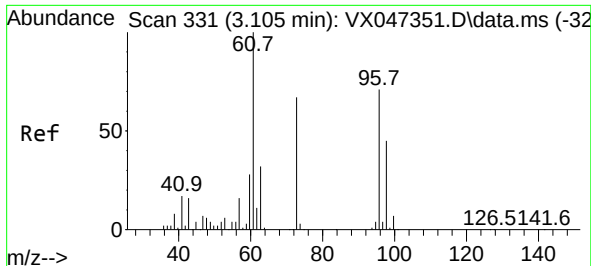
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#20
Methylene Chloride
Concen: 47.329 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

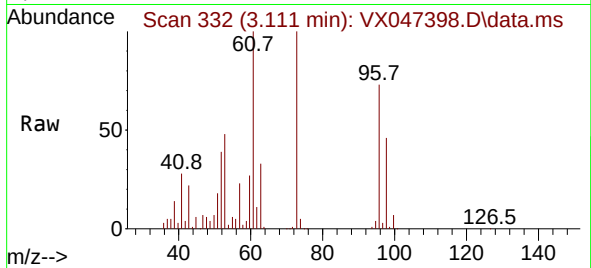
Tgt Ion: 84 Resp: 157641
Ion Ratio Lower Upper
84 100
49 124.6 100.1 150.1
51 37.7 29.5 44.3
86 61.9 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 46.767 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

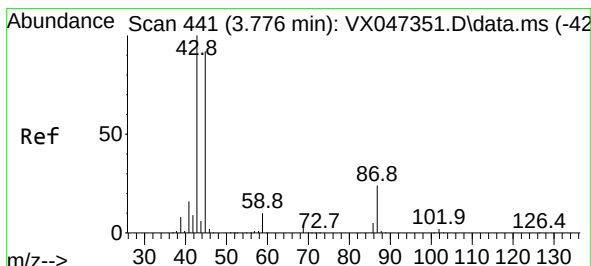
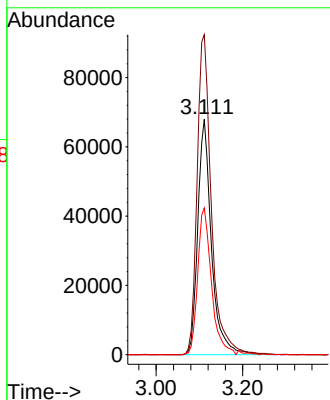
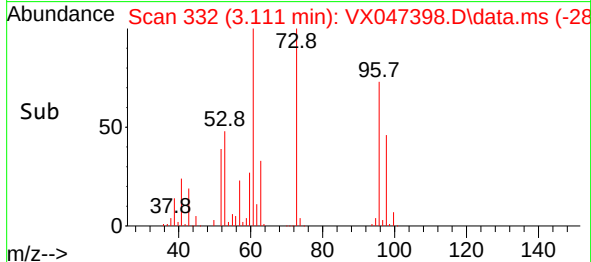
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 149432
Ion Ratio Lower Upper
96 100
61 136.0 112.6 169.0
98 64.3 50.9 76.3

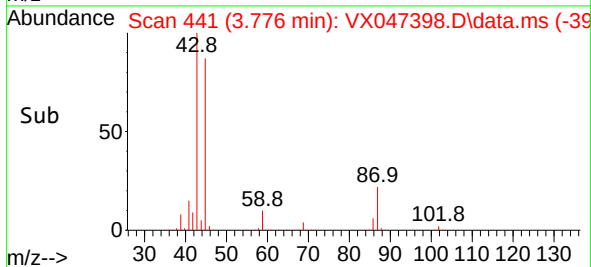
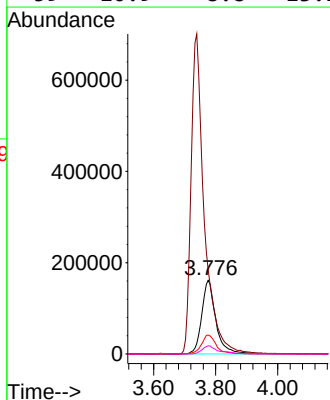
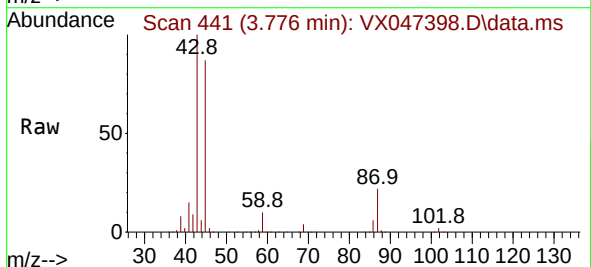
Manual Integrations
APPROVED

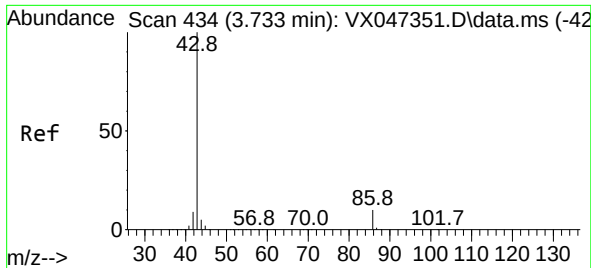
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#22
Diisopropyl ether
Concen: 49.473 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

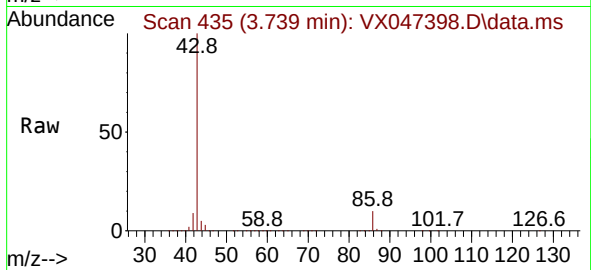
Tgt Ion: 45 Resp: 511346
Ion Ratio Lower Upper
45 100
43 114.4 86.8 130.2
87 25.6 20.4 30.6
59 10.9 8.8 13.2





#23
 Vinyl Acetate
 Concen: 246.075 ug/l
 RT: 3.739 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX047398.D
 Acq: 18 Aug 2025 20:57

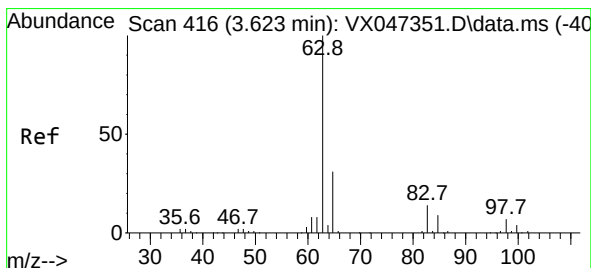
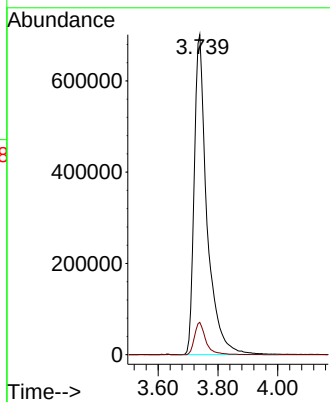
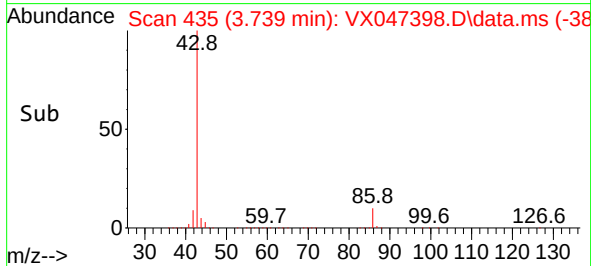
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



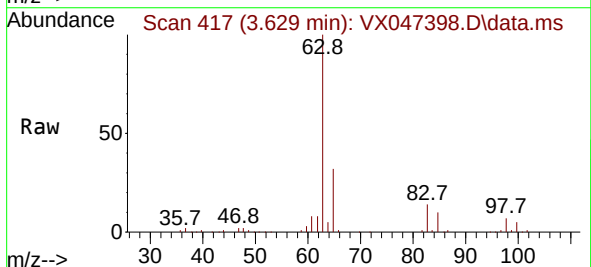
Tgt Ion: 43 Resp: 208466
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.9 11.9

Manual Integrations
 APPROVED

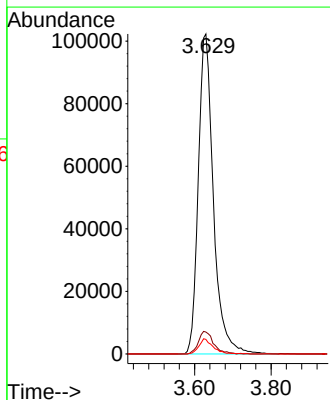
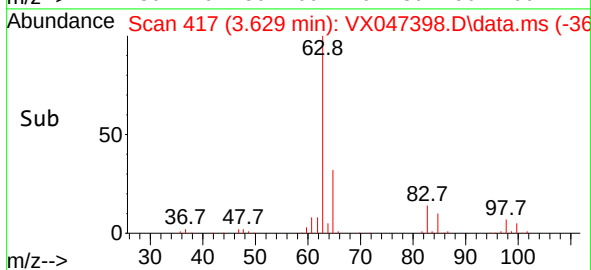
Reviewed By :John Carlone 08/19/2025
 Supervised By :Mahesh Dadoda 08/20/2025

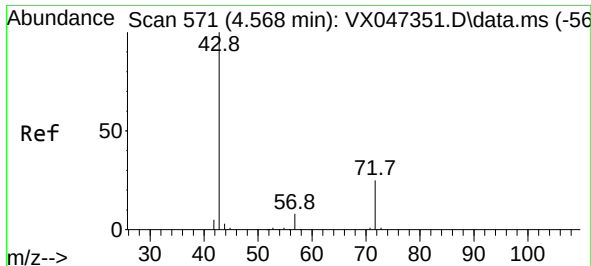


#24
 1,1-Dichloroethane
 Concen: 47.957 ug/l
 RT: 3.629 min Scan# 417
 Delta R.T. 0.006 min
 Lab File: VX047398.D
 Acq: 18 Aug 2025 20:57



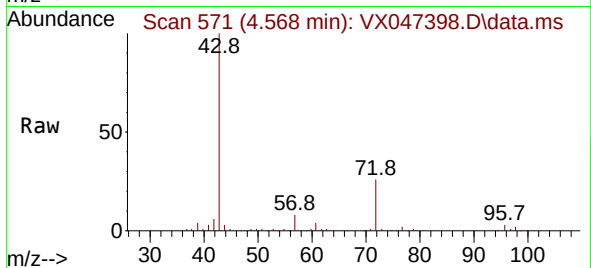
Tgt Ion: 63 Resp: 280167
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.9
 100 4.5 2.1 6.3





#25
2-Butanone
Concen: 265.075 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

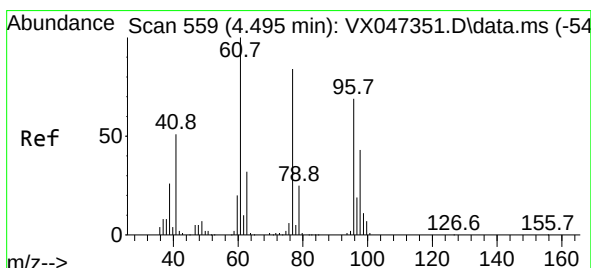
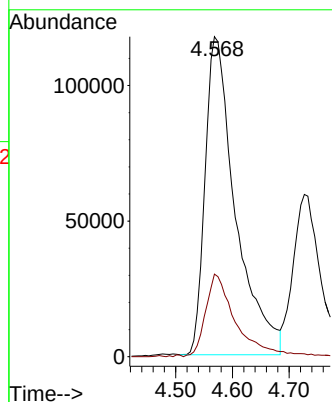
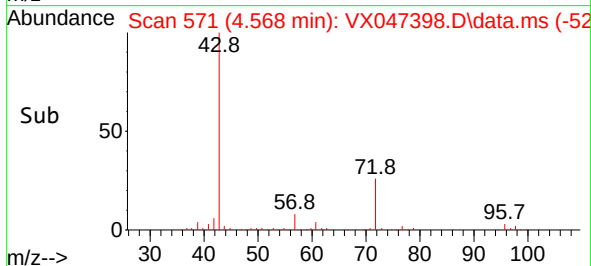
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 436669
Ion Ratio Lower Upper
43 100
72 25.5 19.8 29.8

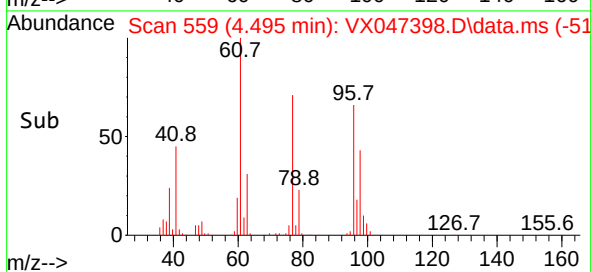
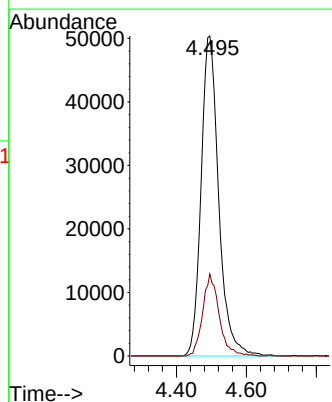
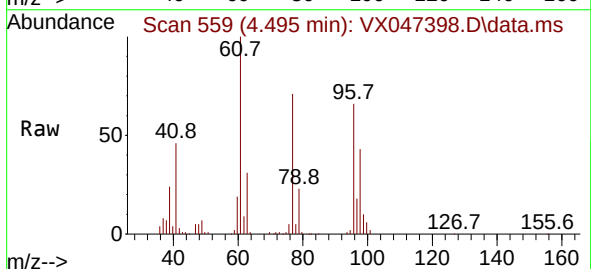
Manual Integrations
APPROVED

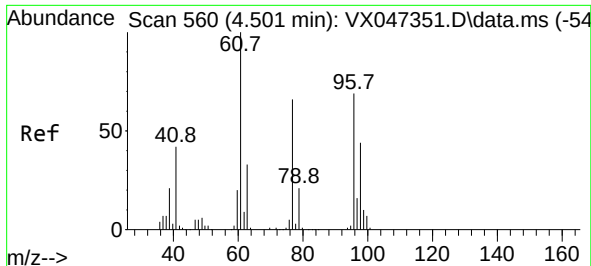
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#26
2,2-Dichloropropane
Concen: 39.808 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 77 Resp: 175530
Ion Ratio Lower Upper
77 100
97 24.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 47.114 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.000 min

Lab File: VX047398.D

Acq: 18 Aug 2025 20:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 175340

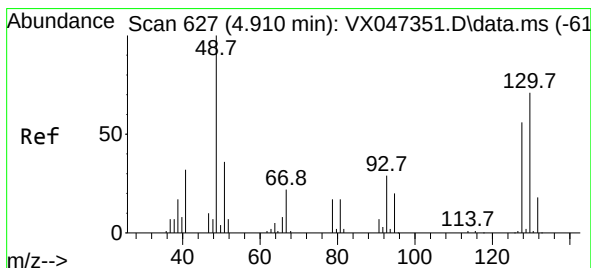
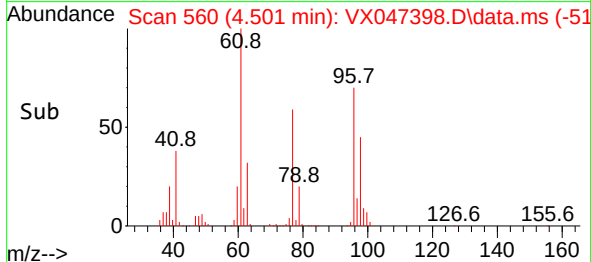
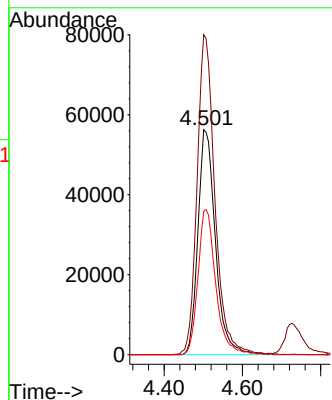
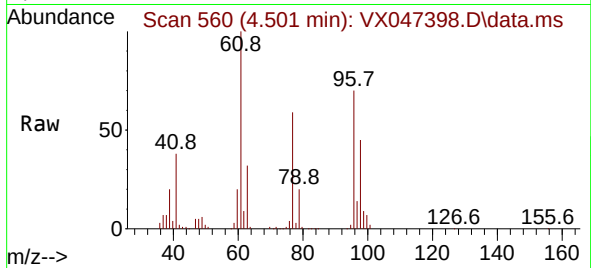
Ion	Ratio	Lower	Upper
96	100		
61	144.5	0.0	296.6
98	65.5	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2025

Supervised By :Mahesh Dadoda 08/20/2025



#28

Bromochloromethane

Concen: 48.810 ug/l

RT: 4.910 min Scan# 627

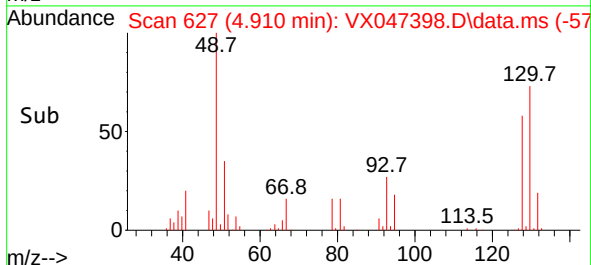
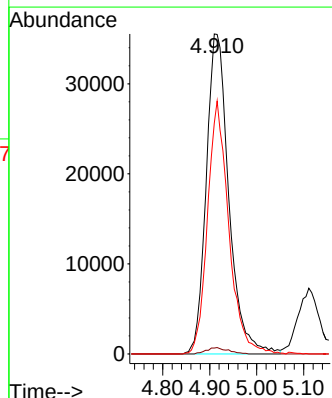
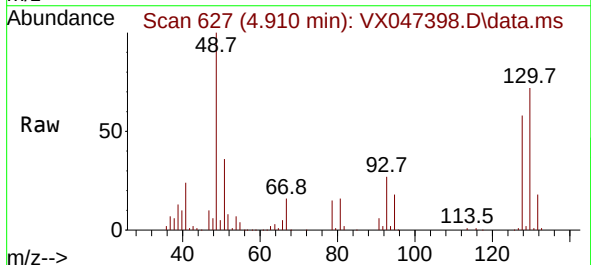
Delta R.T. 0.000 min

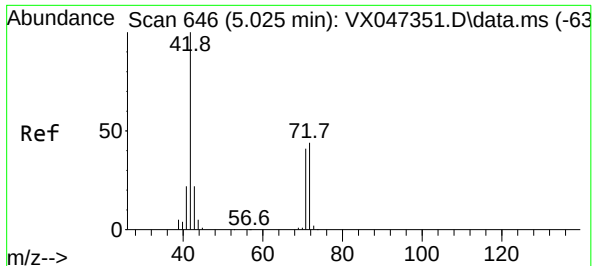
Lab File: VX047398.D

Acq: 18 Aug 2025 20:57

Tgt Ion: 49 Resp: 118660

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	74.3	59.8	89.6





#29

Tetrahydrofuran

Concen: 266.507 ug/l

RT: 5.026 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX047398.D

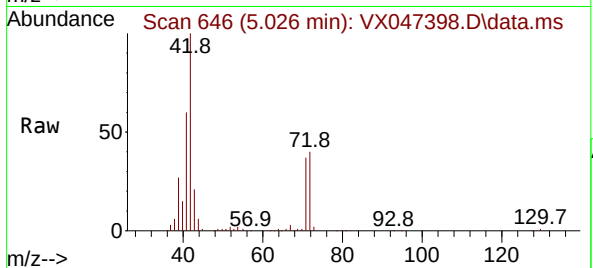
Acq: 18 Aug 2025 20:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 28376

Ion Ratio Lower Upper

42 100

72 42.9 34.6 51.8

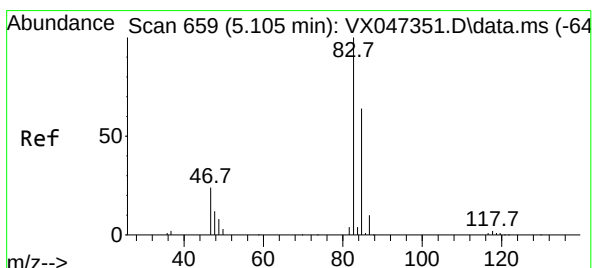
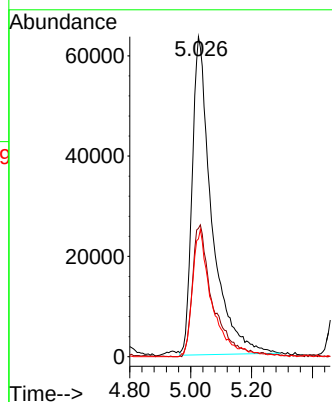
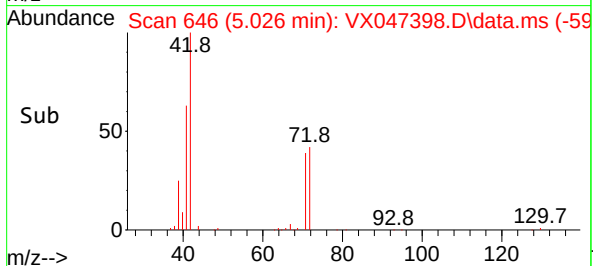
71 38.1 32.6 49.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2025

Supervised By :Mahesh Dadoda 08/20/2025



#30

Chloroform

Concen: 47.982 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.006 min

Lab File: VX047398.D

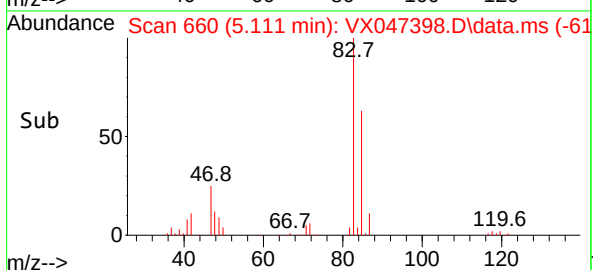
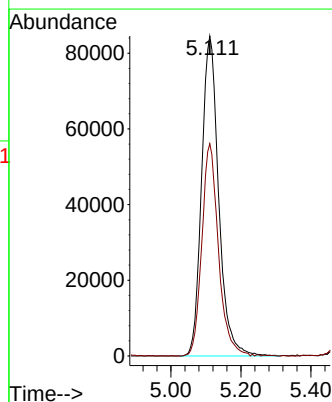
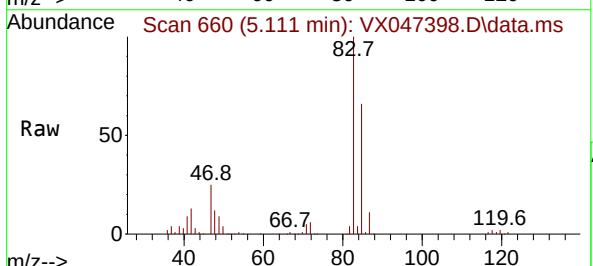
Acq: 18 Aug 2025 20:57

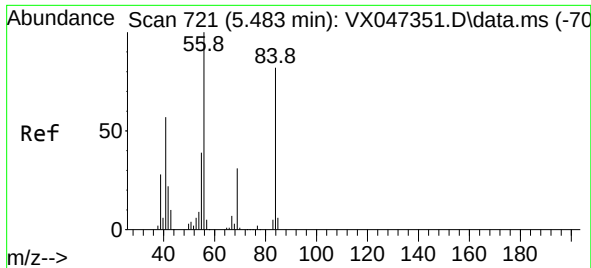
Tgt Ion: 83 Resp: 286078

Ion Ratio Lower Upper

83 100

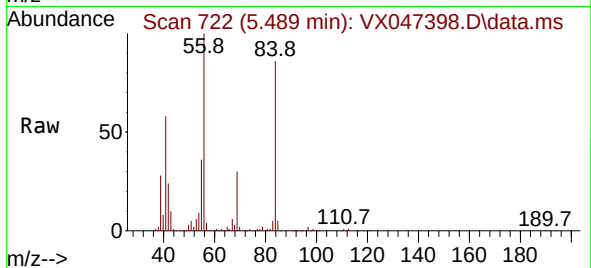
85 66.3 51.2 76.8





#31
Cyclohexane
Concen: 47.287 ug/l
RT: 5.489 min Scan# 712
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

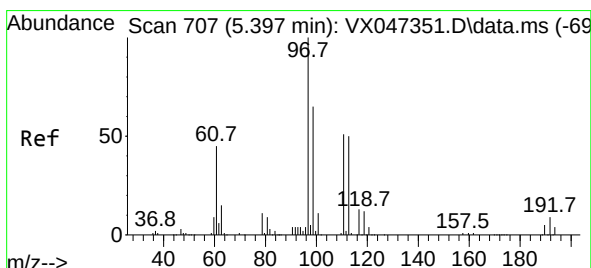
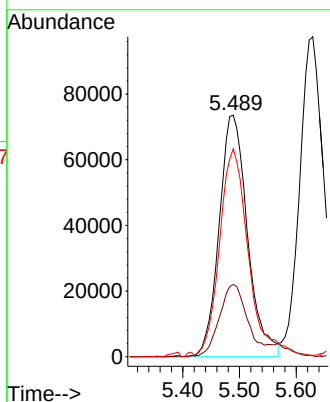
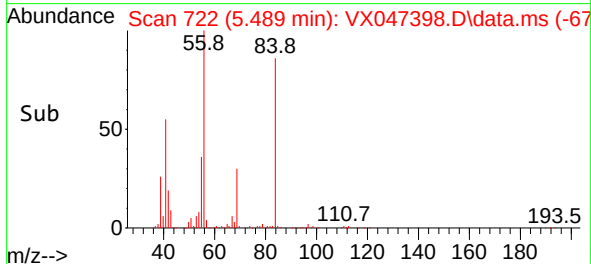
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 254659
Ion Ratio Lower Upper
56 100
69 29.4 24.3 36.5
84 84.2 65.3 97.9

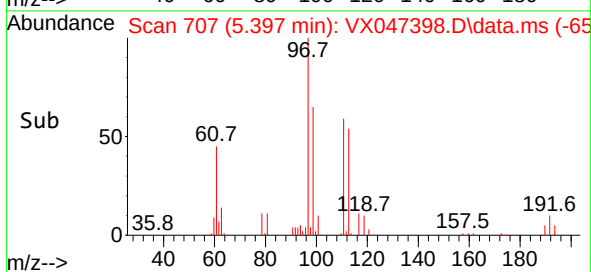
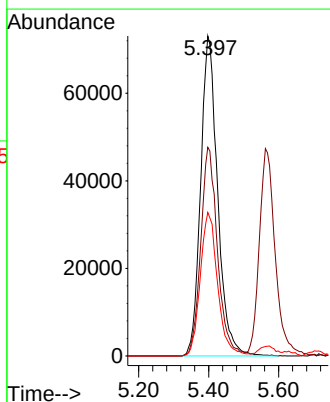
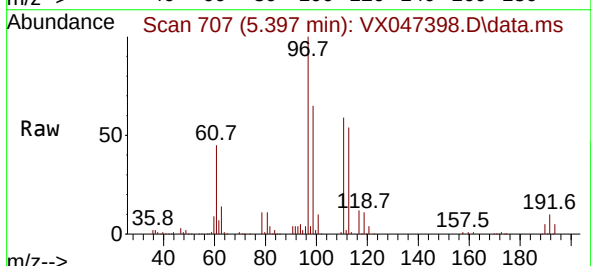
Manual Integrations
APPROVED

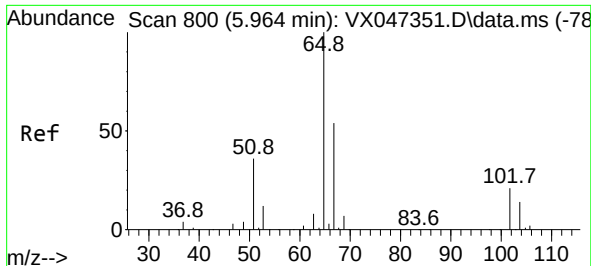
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#32
1,1,1-Trichloroethane
Concen: 47.909 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 97 Resp: 245866
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.0
61 45.9 35.7 53.5





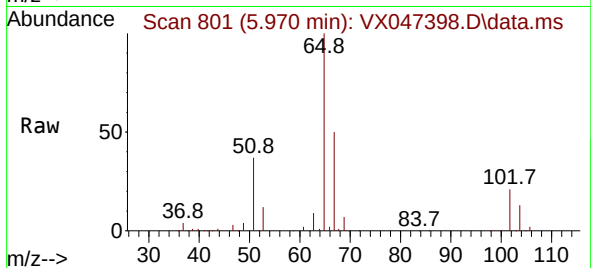
#33
 1,2-Dichloroethane-d4
 Concen: 50.620 ug/l
 RT: 5.970 min Scan# 801
 Delta R.T. 0.006 min
 Lab File: VX047398.D
 Acq: 18 Aug 2025 20:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

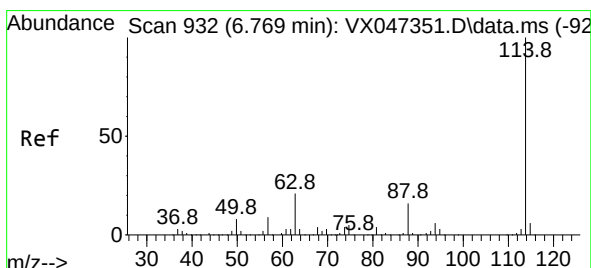
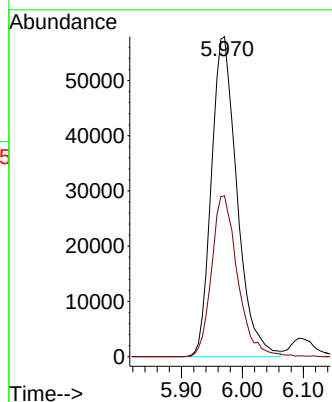
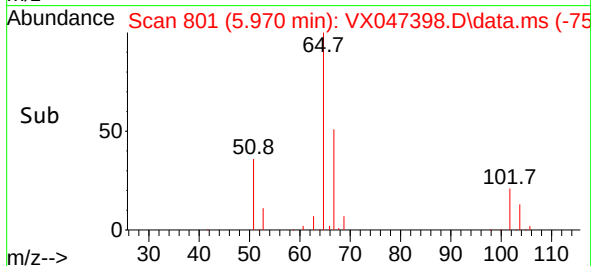


Tgt Ion: 65 Resp: 16939
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 106.0

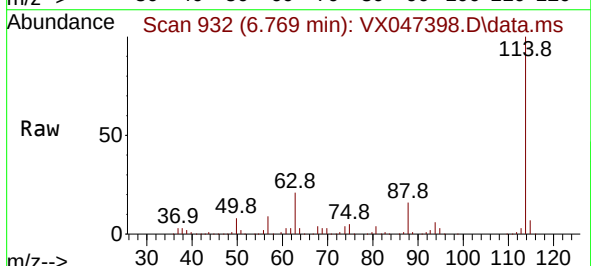
Manual Integrations

APPROVED

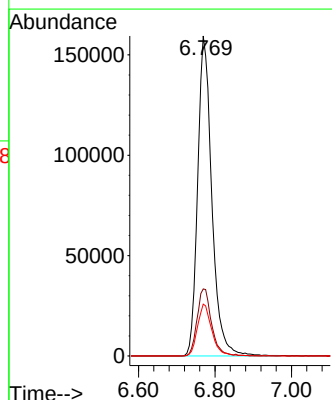
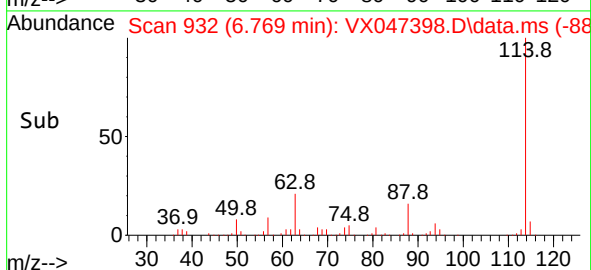
Reviewed By :John Carlone 08/19/2025
 Supervised By :Mahesh Dadoda 08/20/2025

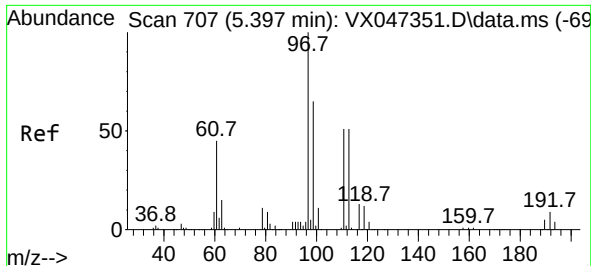


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047398.D
 Acq: 18 Aug 2025 20:57



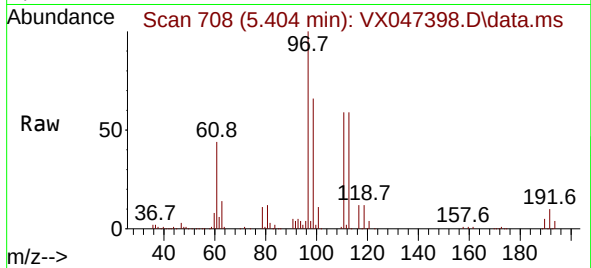
Tgt Ion:114 Resp: 409468
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.4
 88 16.2 0.0 33.0





#35
Dibromofluoromethane
Concen: 50.669 ug/l
RT: 5.404 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

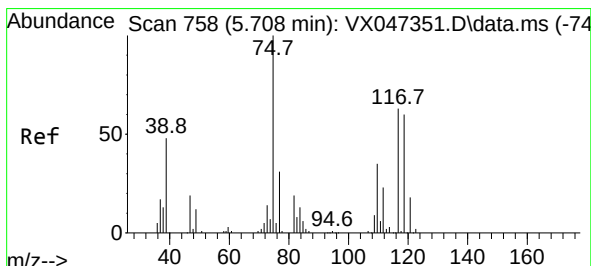
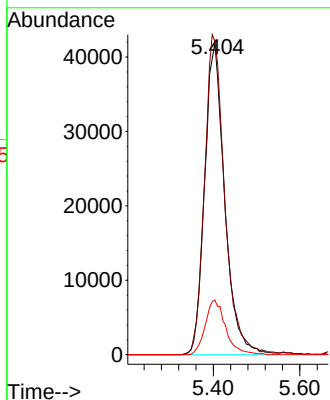
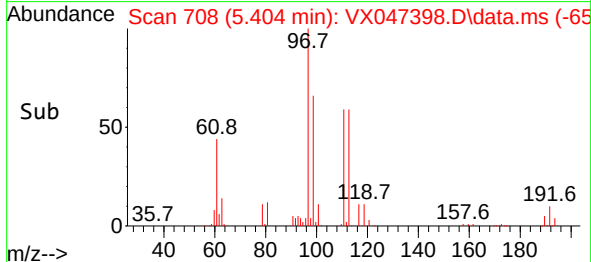
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 13465
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.2
192 17.8 14.1 21.1

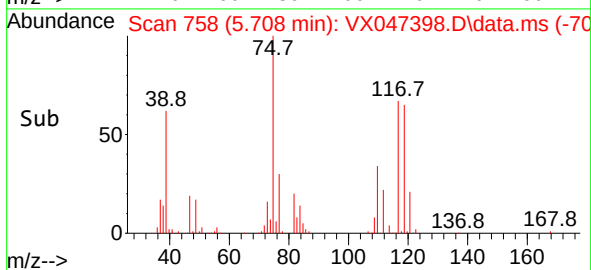
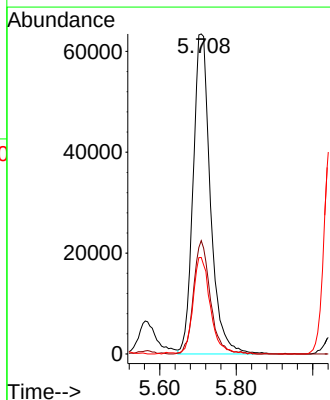
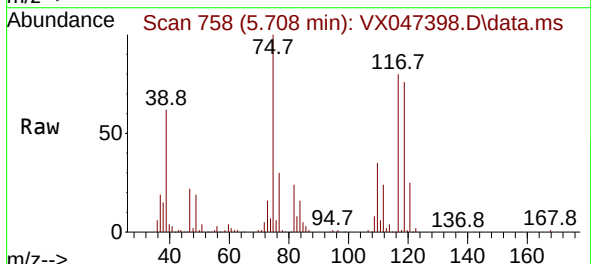
Manual Integrations
APPROVED

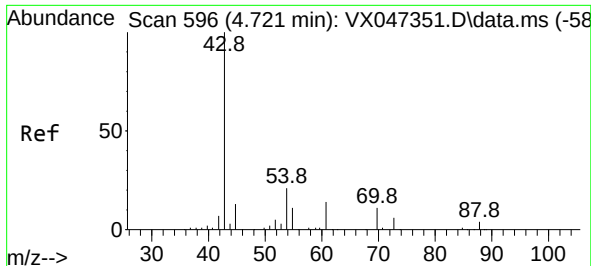
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#36
1,1-Dichloropropene
Concen: 47.627 ug/l
RT: 5.708 min Scan# 758
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

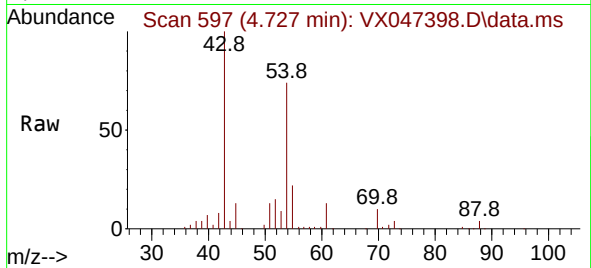
Tgt Ion: 75 Resp: 199797
Ion Ratio Lower Upper
75 100
110 34.3 17.4 52.2
77 30.1 24.4 36.6





#37
Ethyl Acetate
Concen: 48.337 ug/l
RT: 4.727 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

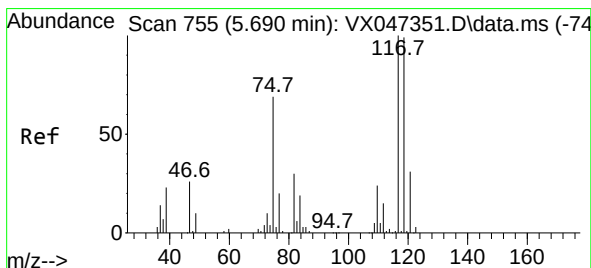
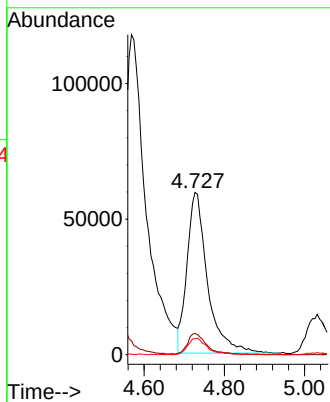
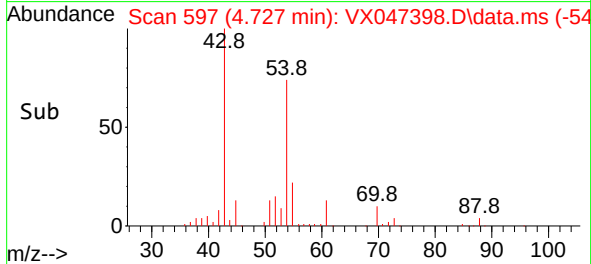
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 21051
Ion Ratio Lower Upper
43 100
61 11.8 9.4 14.2
70 9.7 7.0 10.6

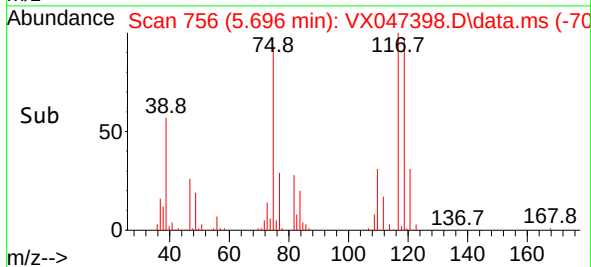
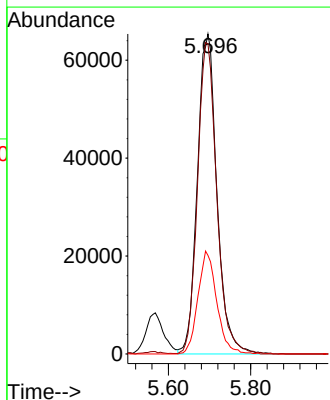
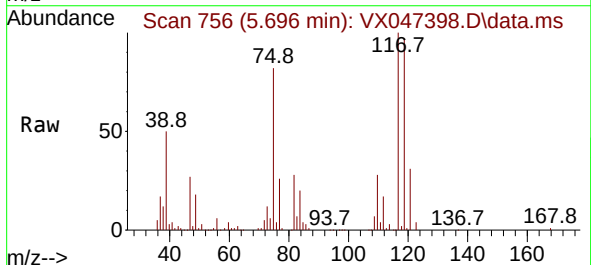
Manual Integrations
APPROVED

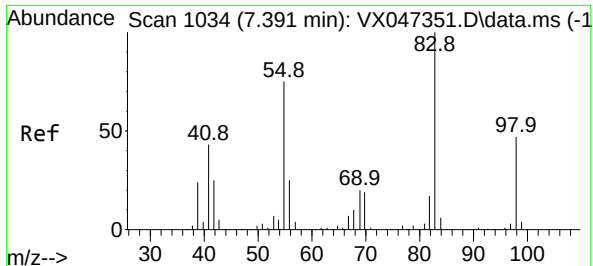
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#38
Carbon Tetrachloride
Concen: 47.116 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:117 Resp: 215992
Ion Ratio Lower Upper
117 100
119 97.0 78.5 117.7
121 30.8 24.7 37.1





#39

Methylcyclohexane

Concen: 47.227 ug/l

RT: 7.391 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VX047398.D

Acq: 18 Aug 2025 20:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 24712

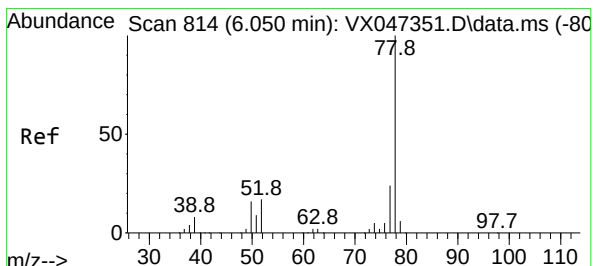
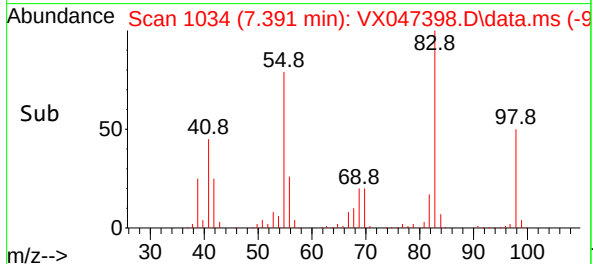
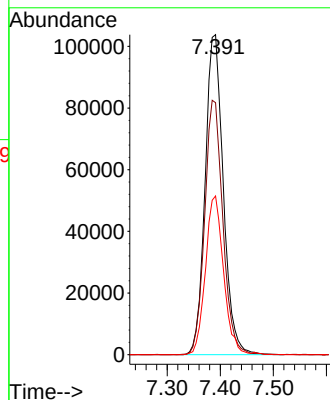
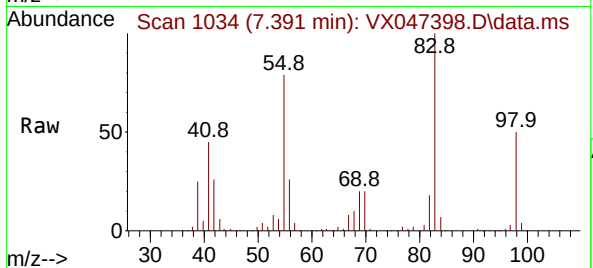
Ion	Ratio	Lower	Upper
83	100		
55	78.8	60.0	90.0
98	49.6	37.2	55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2025

Supervised By :Mahesh Dadoda 08/20/2025



#40

Benzene

Concen: 47.641 ug/l

RT: 6.050 min Scan# 814

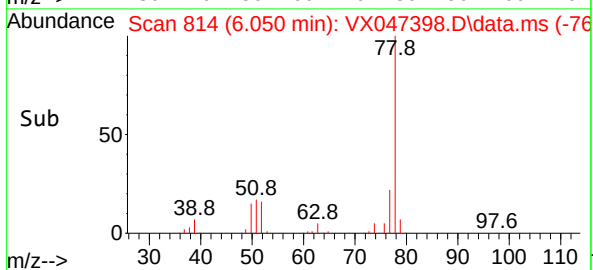
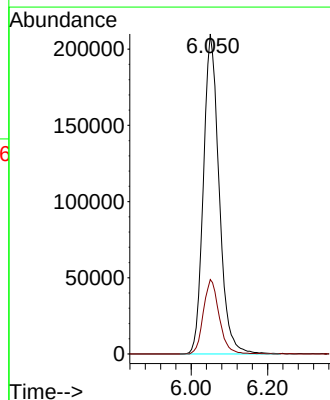
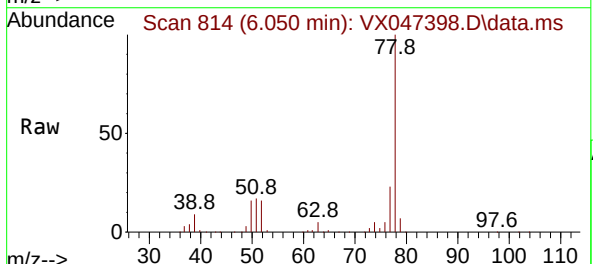
Delta R.T. 0.000 min

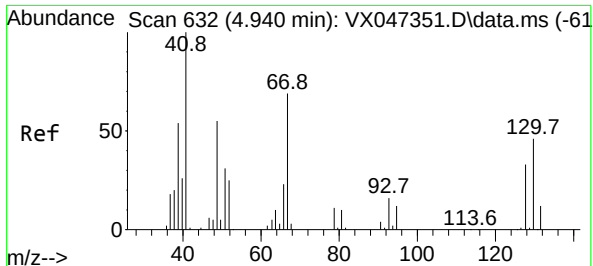
Lab File: VX047398.D

Acq: 18 Aug 2025 20:57

Tgt Ion: 78 Resp: 598209

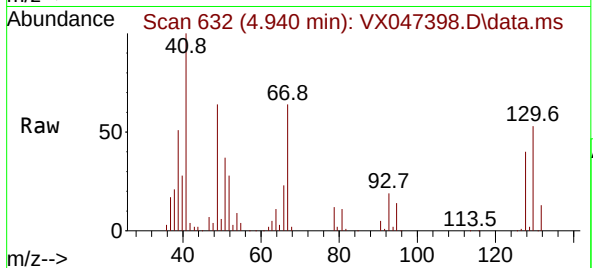
Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.4





#41
Methacrylonitrile
Concen: 50.045 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

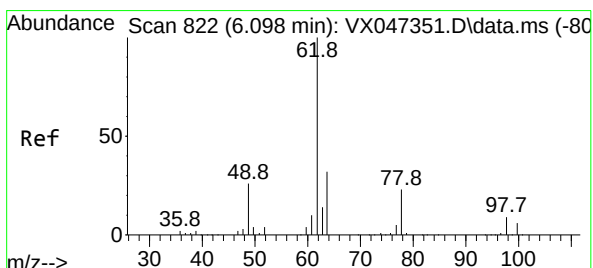
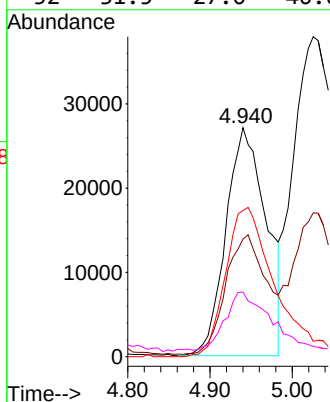
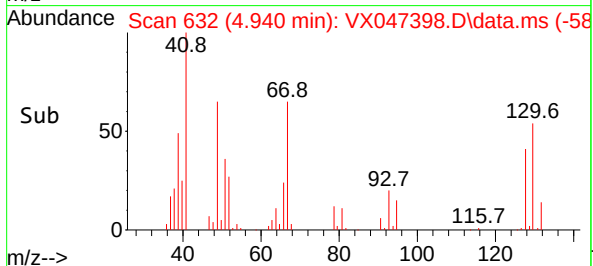
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	91908
Ion	Ratio	Lower	Upper
41	100		
39	53.3	45.4	68.2
67	84.4	64.0	96.0
52	31.5	27.0	40.6

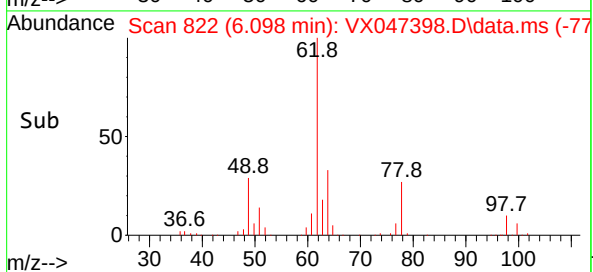
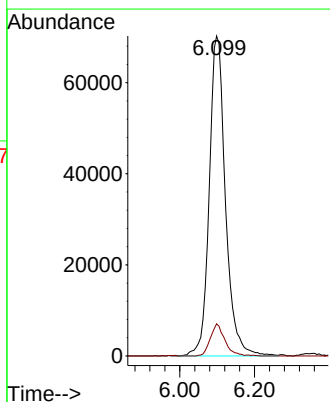
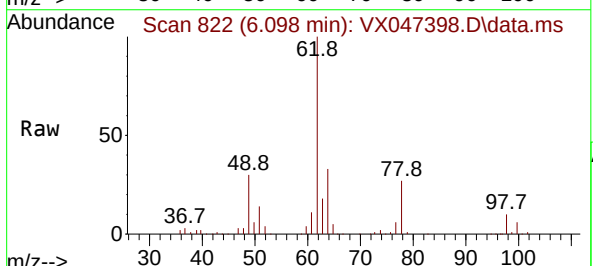
Manual Integrations
APPROVED

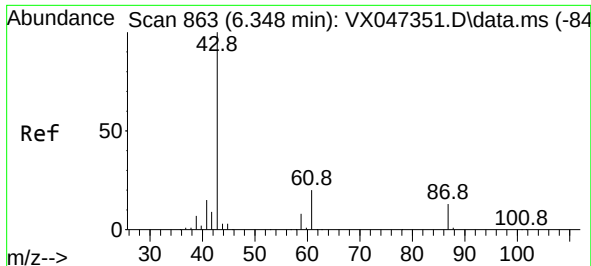
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#42
1,2-Dichloroethane
Concen: 47.640 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:	62	Resp:	211887
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.0





#43

Isopropyl Acetate

Concen: 50.686 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.000 min

Lab File: VX047398.D

Acq: 18 Aug 2025 20:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

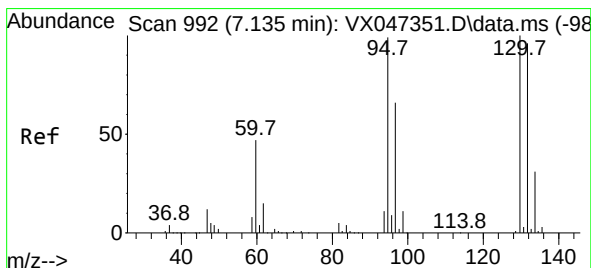
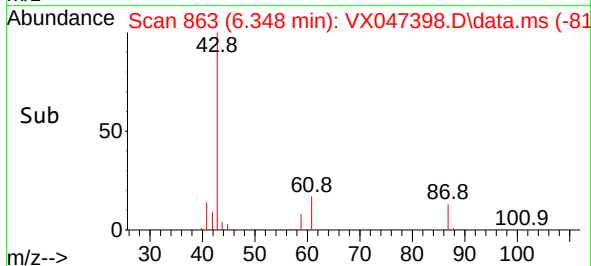
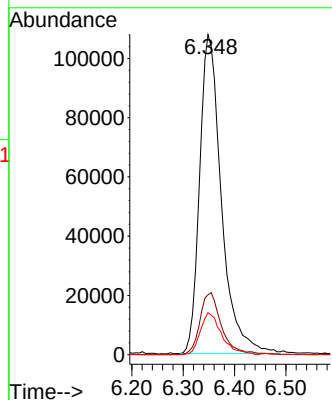
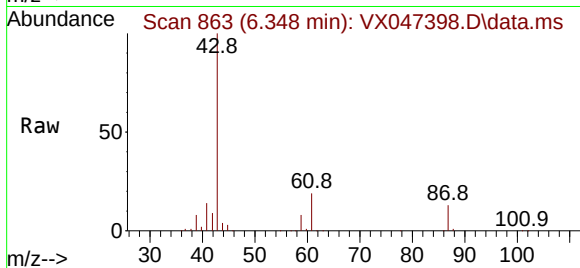
Tgt Ion:	43	Resp:	317114
Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.4	23.0
87	12.8	10.2	15.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2025

Supervised By :Mahesh Dadoda 08/20/2025



#44

Trichloroethene

Concen: 47.029 ug/l

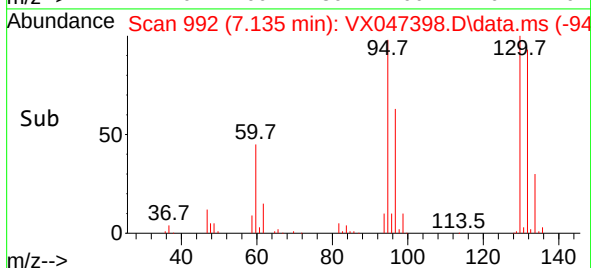
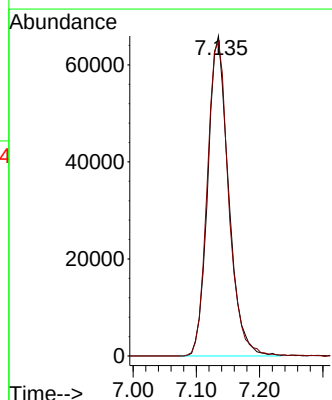
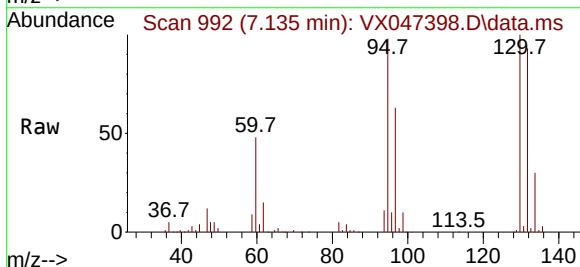
RT: 7.135 min Scan# 992

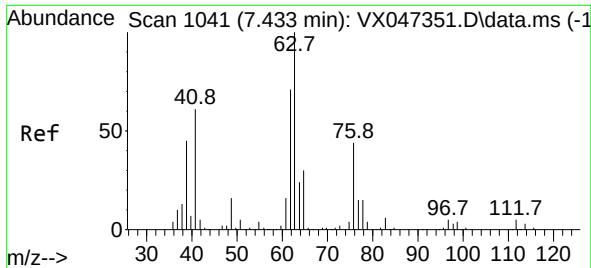
Delta R.T. 0.000 min

Lab File: VX047398.D

Acq: 18 Aug 2025 20:57

Tgt Ion:	130	Resp:	151205
Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	198.6





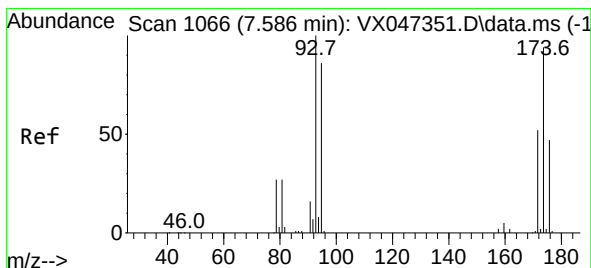
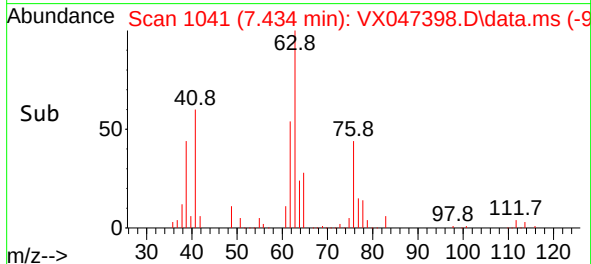
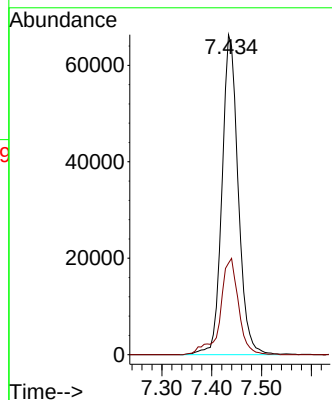
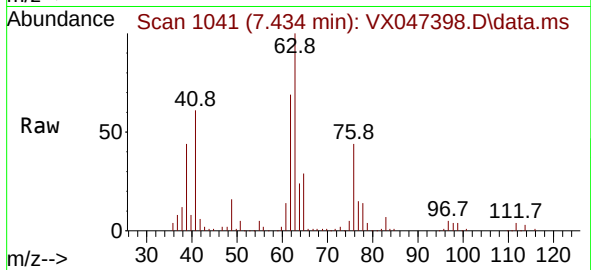
#45
1,2-Dichloropropane
Concen: 47.663 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 14993
Ion Ratio Lower Upper
63 100
65 28.6 23.8 35.6

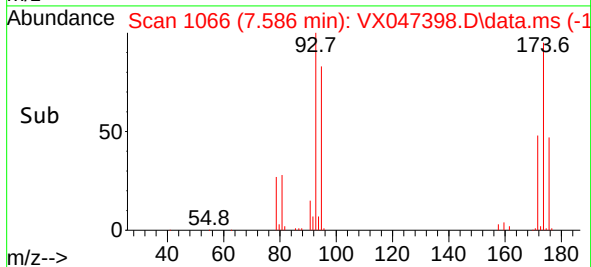
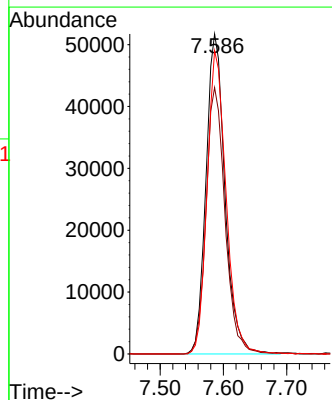
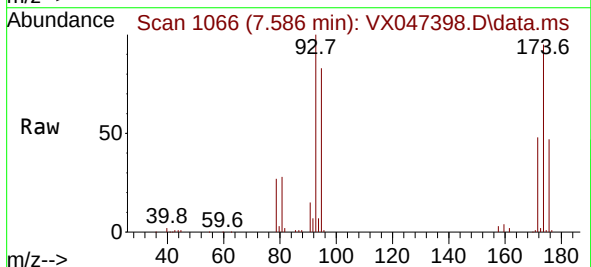
Manual Integrations
APPROVED

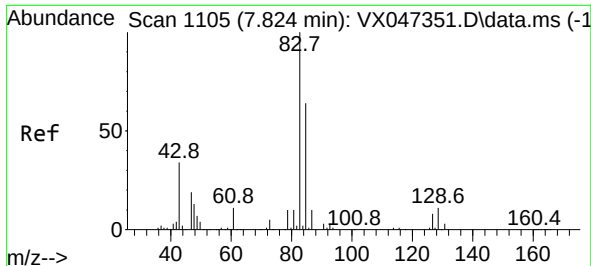
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#46
Dibromomethane
Concen: 47.328 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

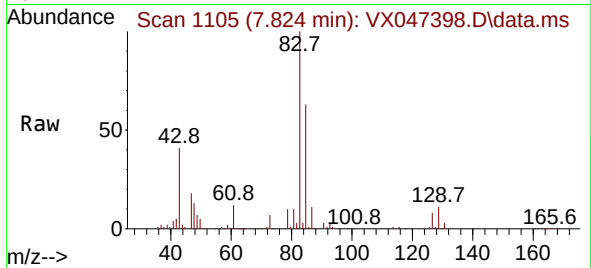
Tgt Ion: 93 Resp: 108086
Ion Ratio Lower Upper
93 100
95 83.5 68.0 102.0
174 94.4 75.8 113.6





#47
Bromodichloromethane
Concen: 47.489 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

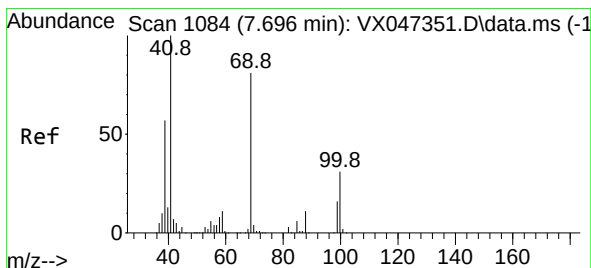
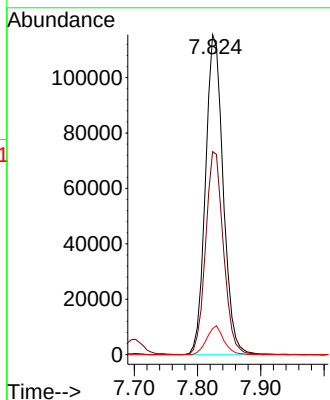
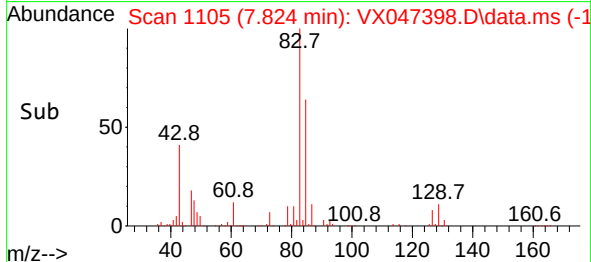
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 224833
Ion Ratio Lower Upper
83 100
85 63.4 51.0 76.6
127 8.1 7.0 10.4

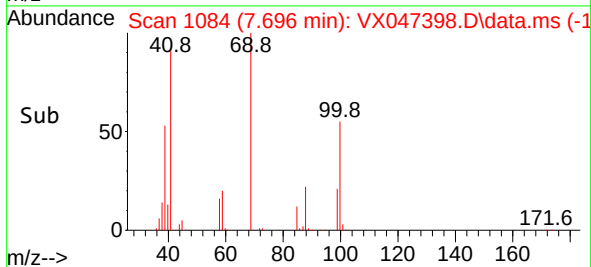
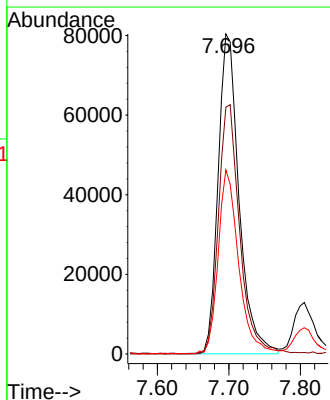
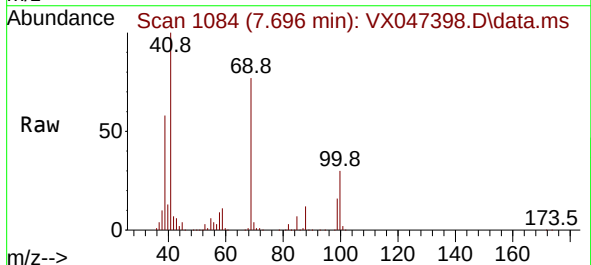
Manual Integrations
APPROVED

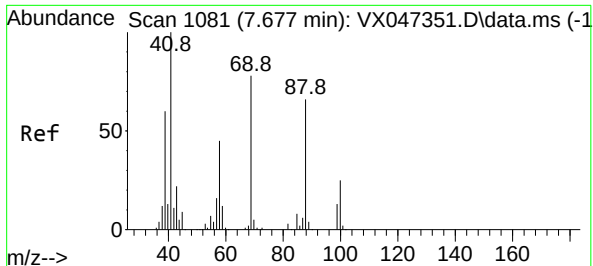
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#48
Methyl methacrylate
Concen: 50.264 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion: 41 Resp: 163233
Ion Ratio Lower Upper
41 100
69 79.5 65.0 97.4
39 56.0 45.7 68.5





#49

1,4-Dioxane

Concen: 1070.636 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. 0.006 min

Lab File: VX047398.D

Acq: 18 Aug 2025 20:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

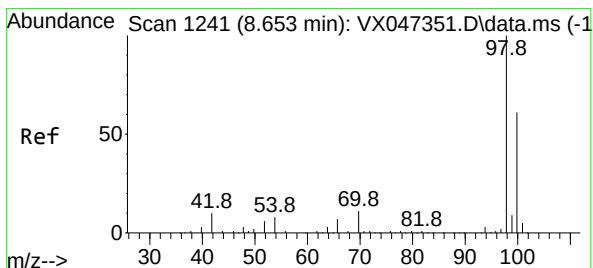
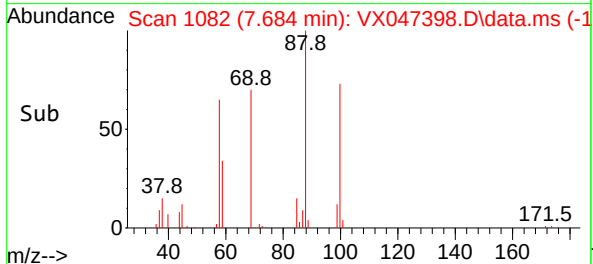
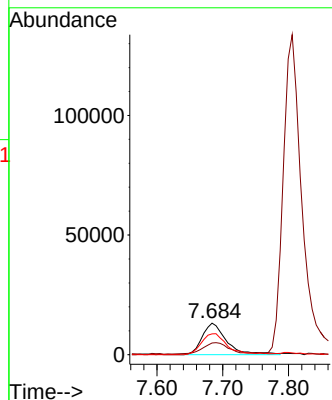
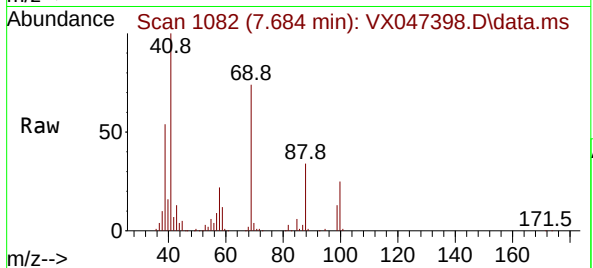
Tgt Ion:	88	Resp:	33800
Ion	Ratio	Lower	Upper
88	100		
43	38.5	32.4	48.6
58	71.3	56.9	85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2025

Supervised By :Mahesh Dadoda 08/20/2025



#50

Toluene-d8

Concen: 49.733 ug/l

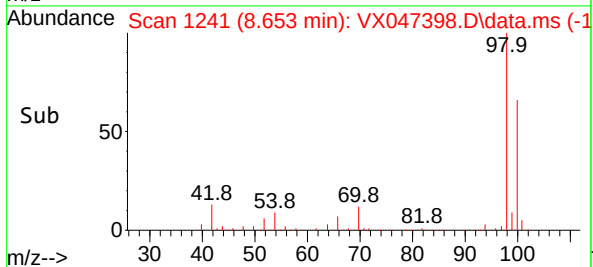
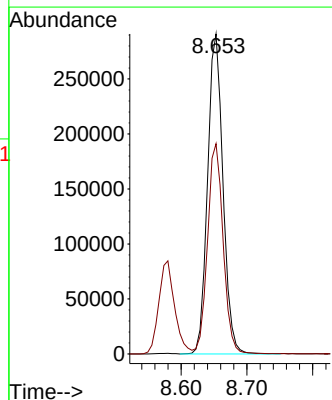
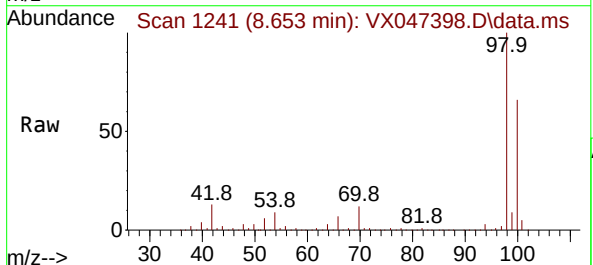
RT: 8.653 min Scan# 1241

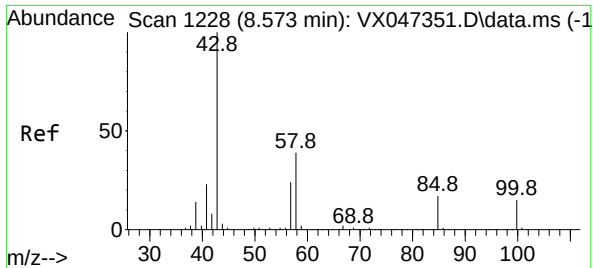
Delta R.T. 0.000 min

Lab File: VX047398.D

Acq: 18 Aug 2025 20:57

Tgt Ion:	98	Resp:	472396
Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.9	80.9





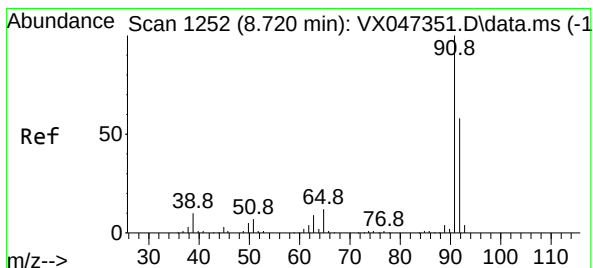
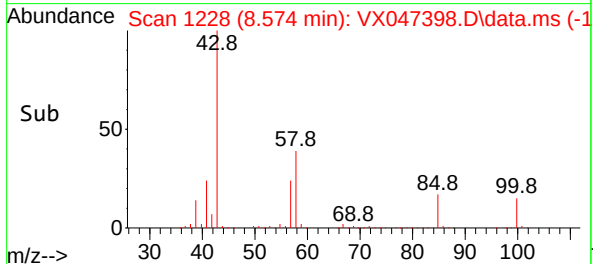
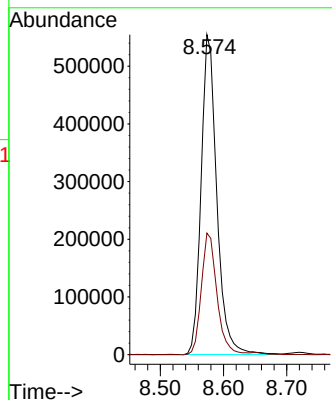
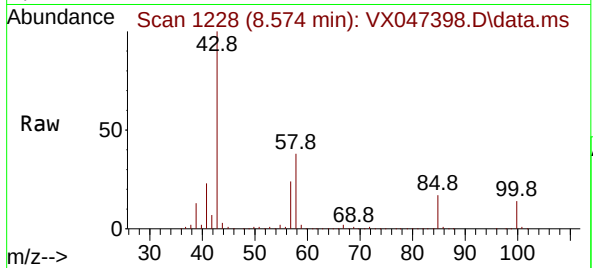
#51
4-Methyl-2-Pentanone
Concen: 265.854 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 957168
Ion Ratio Lower Upper
43 100
58 37.9 31.2 46.8

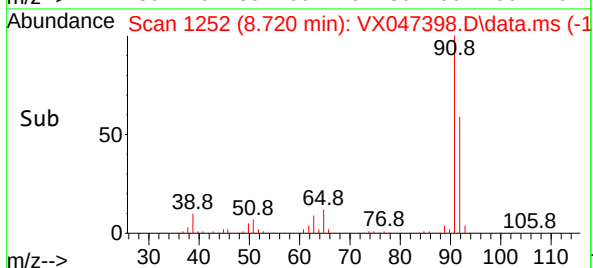
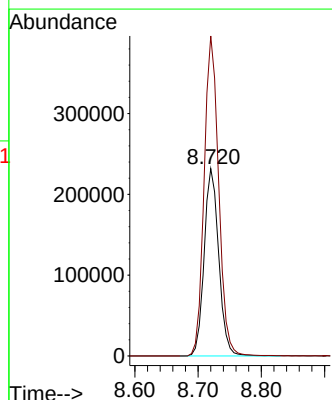
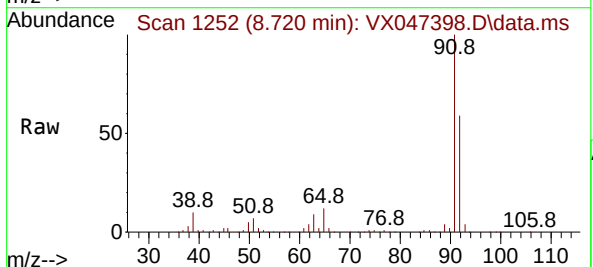
Manual Integrations
APPROVED

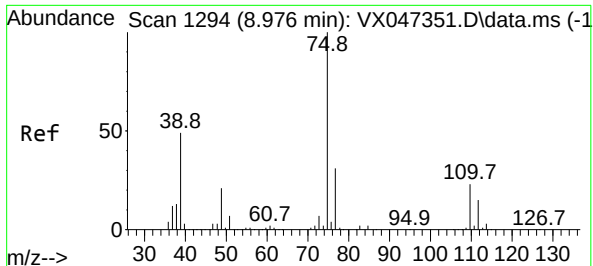
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#52
Toluene
Concen: 47.866 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

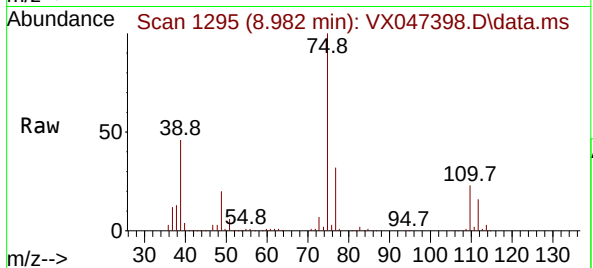
Tgt Ion: 92 Resp: 371391
Ion Ratio Lower Upper
92 100
91 170.7 136.3 204.5





#53
t-1,3-Dichloropropene
Concen: 48.624 ug/l
RT: 8.982 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

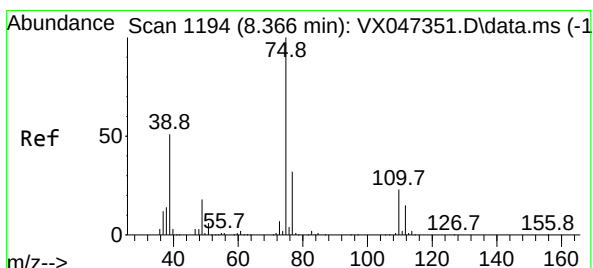
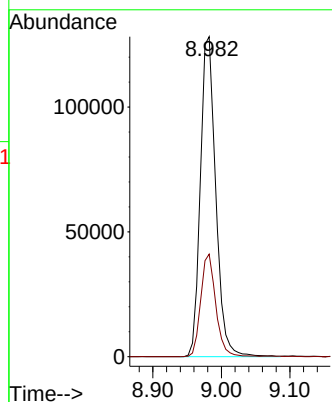
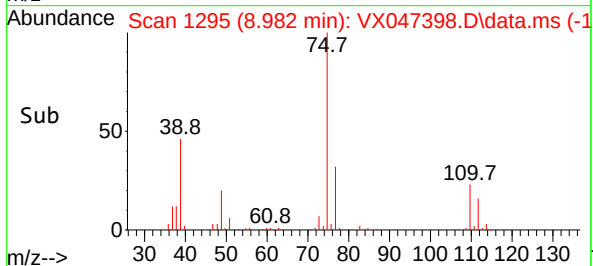
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 20091
Ion Ratio Lower Upper
75 100
77 32.0 24.7 37.1

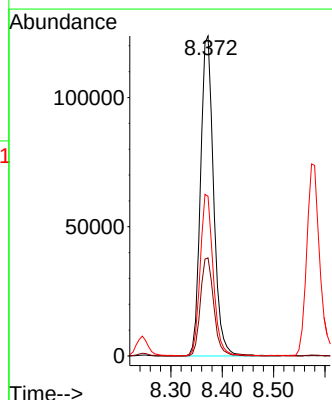
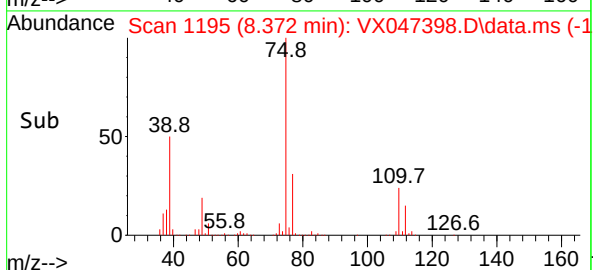
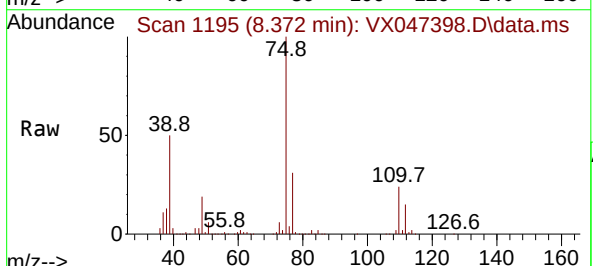
Manual Integrations
APPROVED

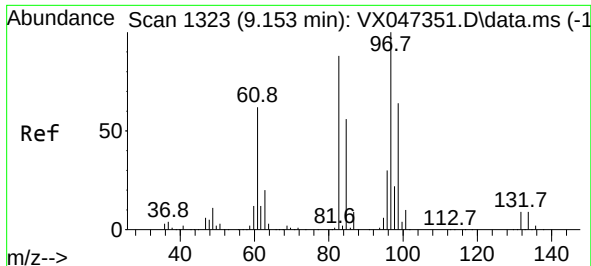
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#54
cis-1,3-Dichloropropene
Concen: 46.750 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

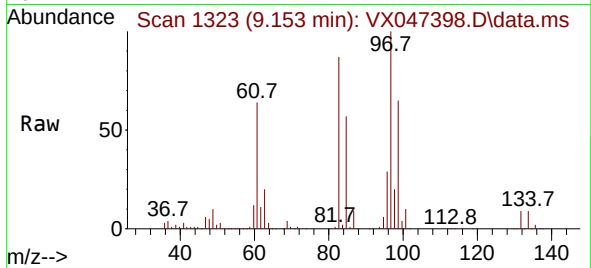
Tgt Ion: 75 Resp: 218646
Ion Ratio Lower Upper
75 100
77 30.6 25.6 38.4
39 49.8 40.9 61.3





#55
1,1,2-Trichloroethane
Concen: 47.906 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

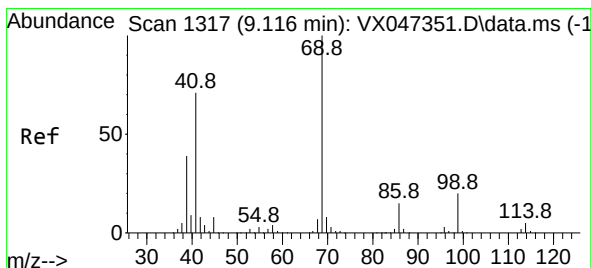
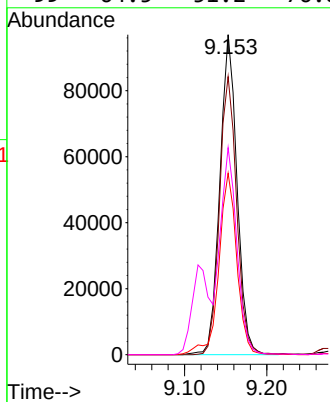
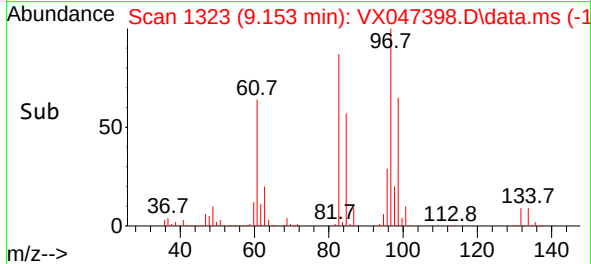
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



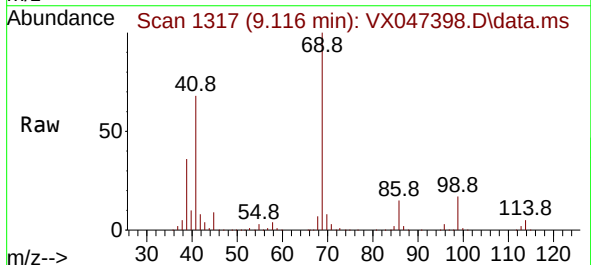
Tgt Ion: 97 Resp: 141129
Ion Ratio Lower Upper
97 100
83 86.9 70.6 106.0
85 56.6 44.7 67.1
99 64.5 51.2 76.8

Manual Integrations
APPROVED

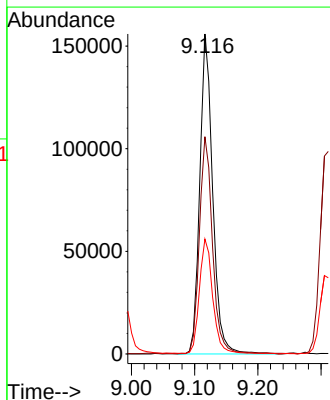
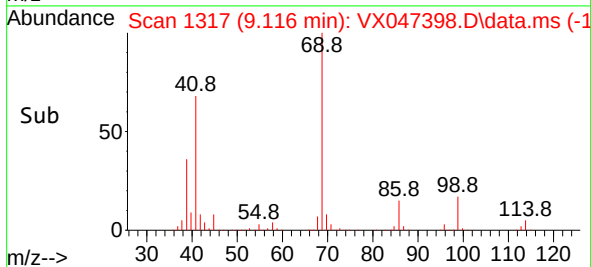
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

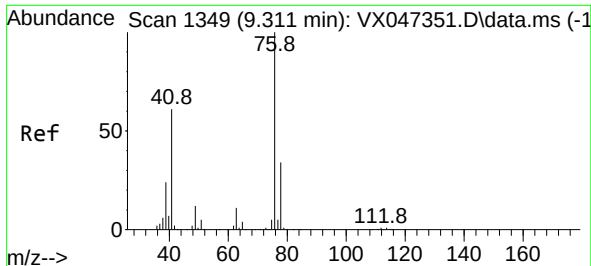


#56
Ethyl methacrylate
Concen: 51.063 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57



Tgt Ion: 69 Resp: 221781
Ion Ratio Lower Upper
69 100
41 69.8 55.3 82.9
39 37.7 30.2 45.2





#57

1,3-Dichloropropane

Concen: 48.073 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047398.D

Acq: 18 Aug 2025 20:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 241320

Ion Ratio Lower Upper

76 100

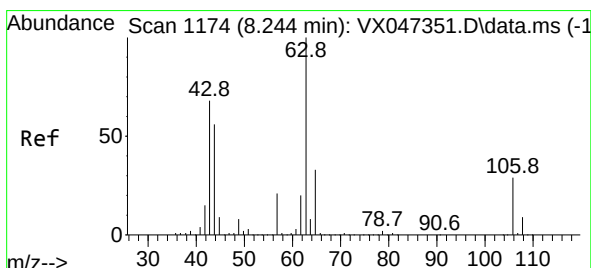
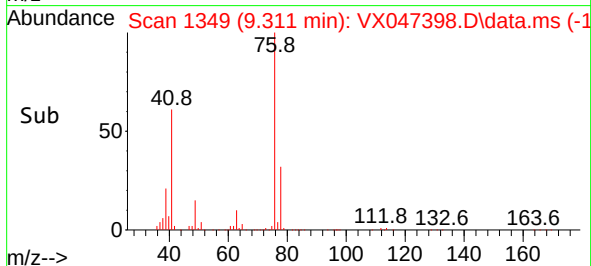
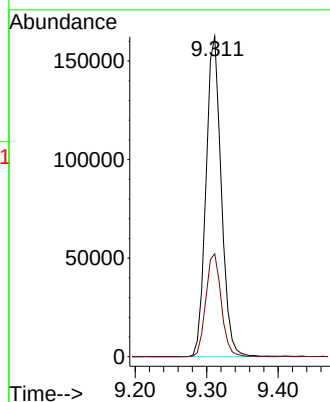
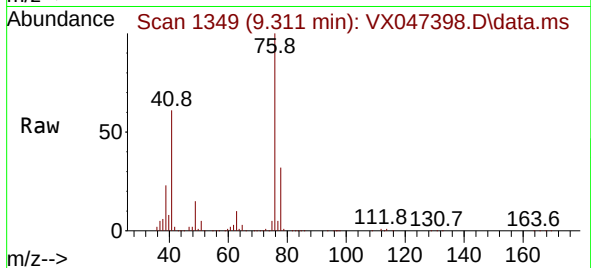
78 32.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2025

Supervised By :Mahesh Dadoda 08/20/2025



#58

2-Chloroethyl Vinyl ether

Concen: 256.065 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX047398.D

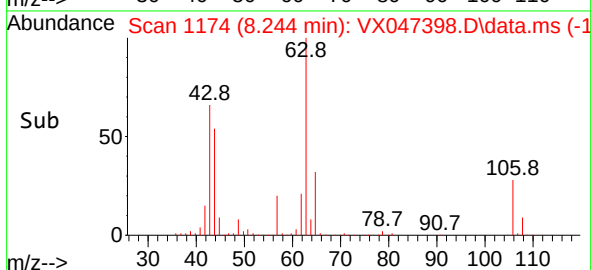
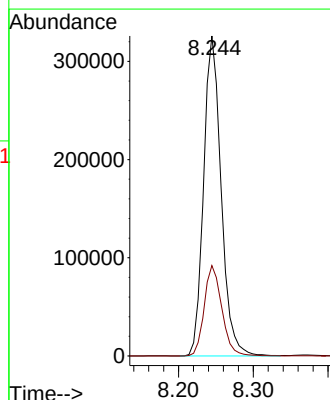
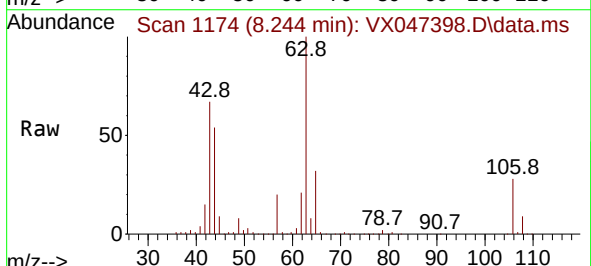
Acq: 18 Aug 2025 20:57

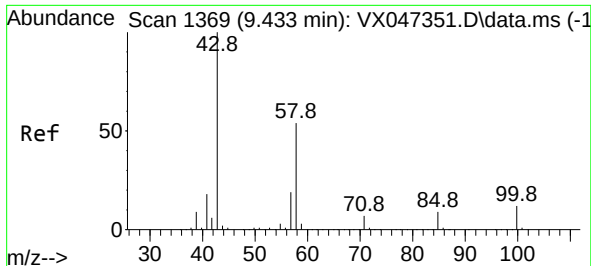
Tgt Ion: 63 Resp: 531511

Ion Ratio Lower Upper

63 100

106 28.4 22.8 34.2





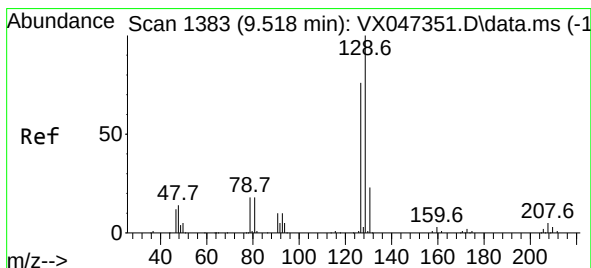
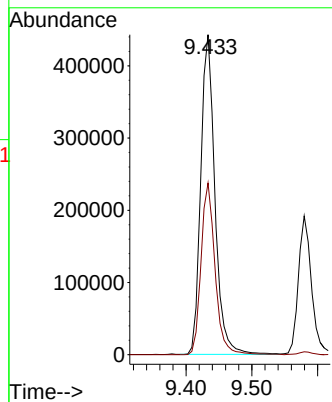
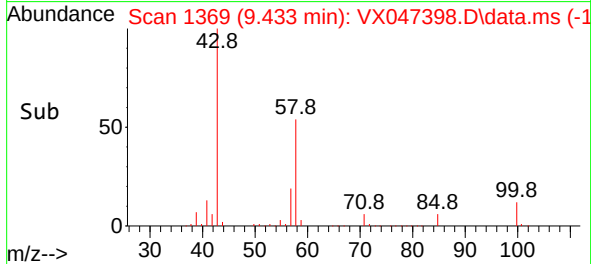
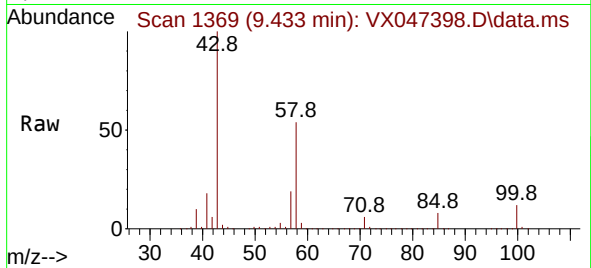
#59
2-Hexanone
Concen: 266.477 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 66364
Ion Ratio Lower Upper
43 100
58 53.2 26.9 80.7

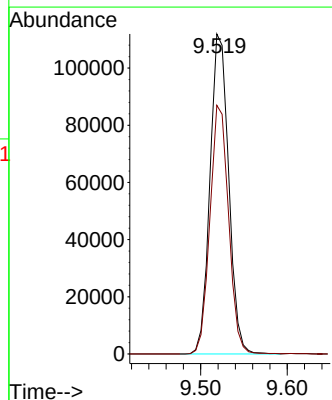
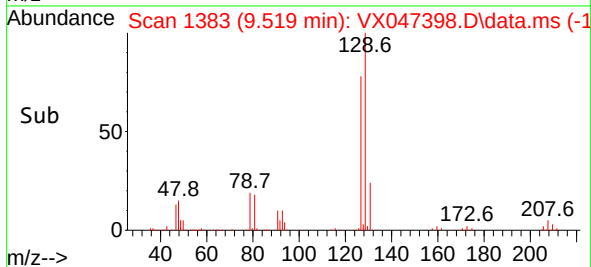
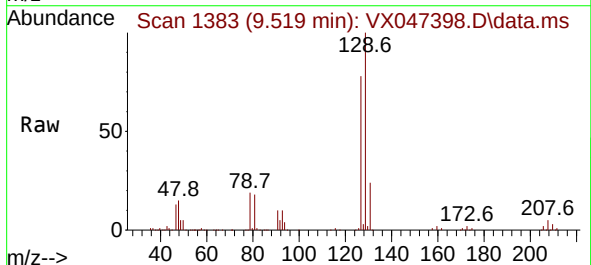
Manual Integrations
APPROVED

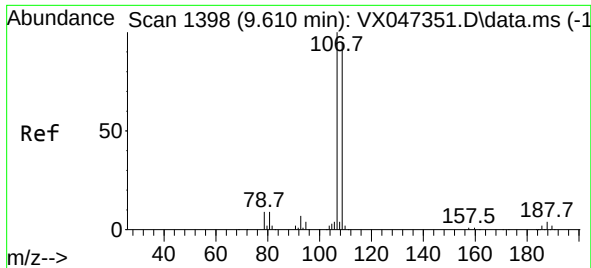
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#60
Dibromochloromethane
Concen: 47.846 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

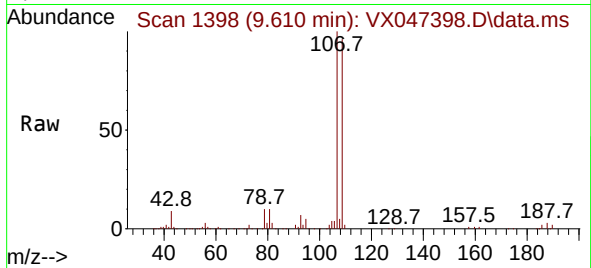
Tgt Ion:129 Resp: 167507
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6





#61
1,2-Dibromoethane
Concen: 48.409 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

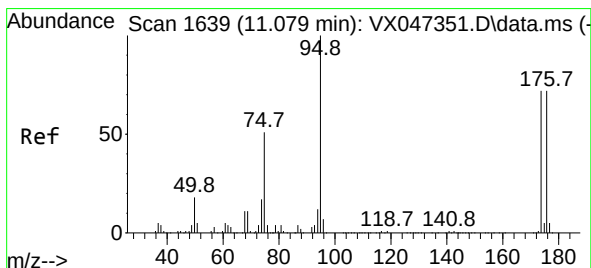
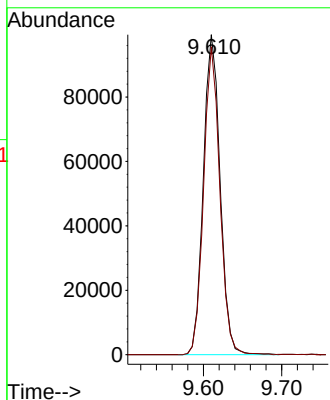
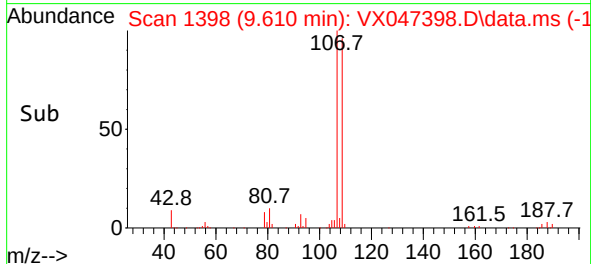
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



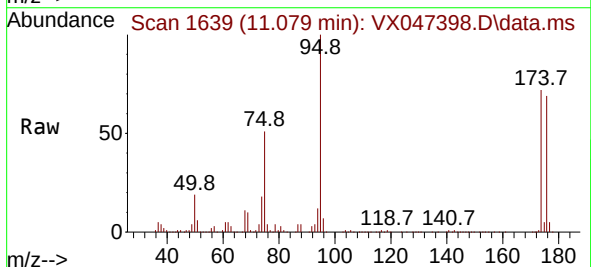
Tgt Ion:107 Resp: 147052
Ion Ratio Lower Upper
107 100
109 93.6 76.2 114.2

Manual Integrations
APPROVED

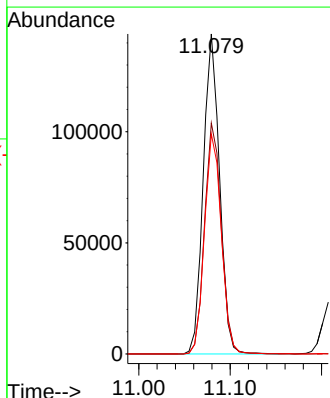
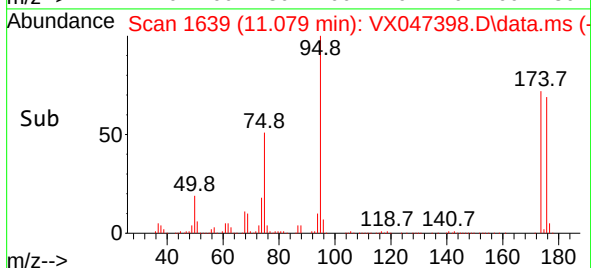
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

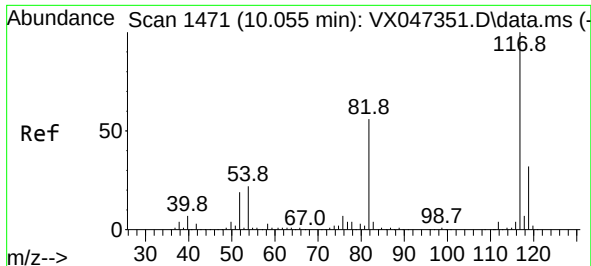


#62
4-Bromofluorobenzene
Concen: 50.769 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57



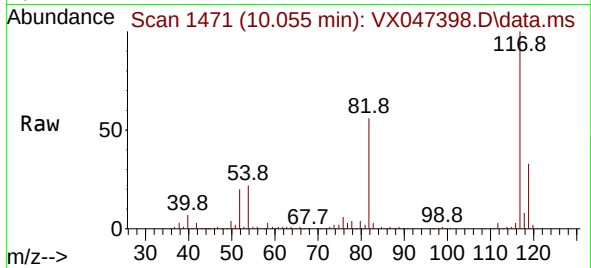
Tgt Ion: 95 Resp: 177952
Ion Ratio Lower Upper
95 100
174 74.2 0.0 148.0
176 71.0 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

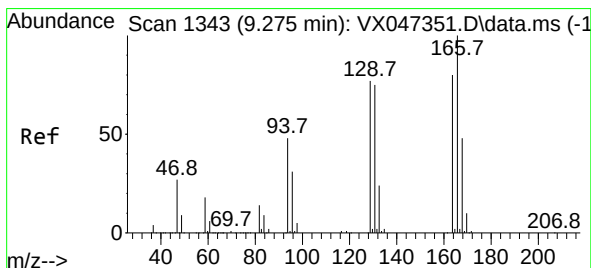
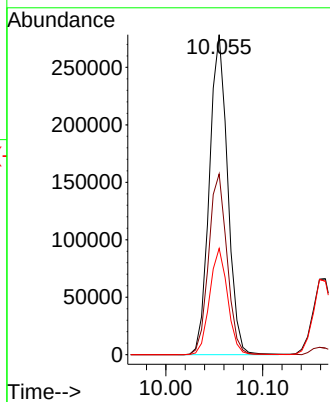
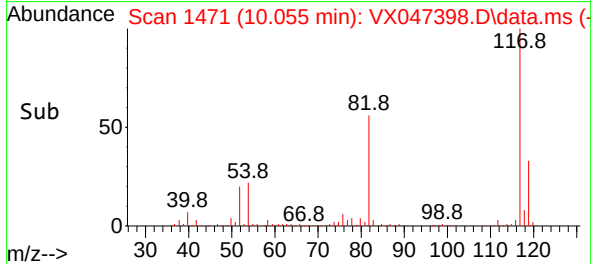
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 364979
Ion Ratio Lower Upper
117 100
82 56.5 45.0 67.4
119 33.2 25.8 38.8

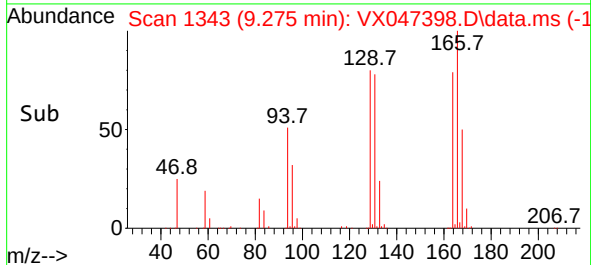
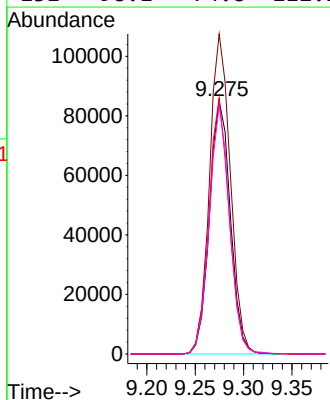
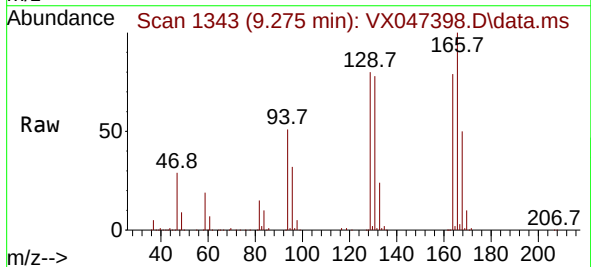
Manual Integrations
APPROVED

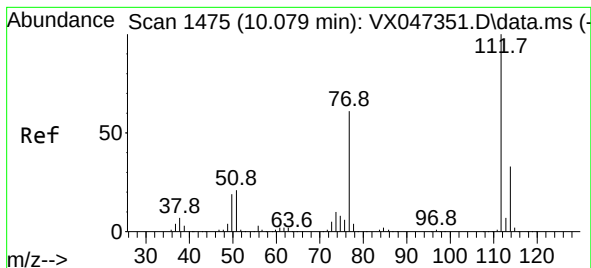
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#64
Tetrachloroethene
Concen: 48.383 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:164 Resp: 127728
Ion Ratio Lower Upper
164 100
166 126.5 100.3 150.5
129 101.2 77.7 116.5
131 98.1 74.8 112.2





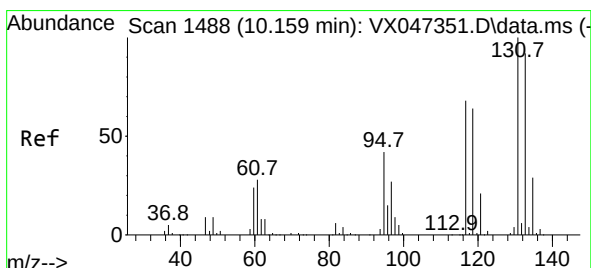
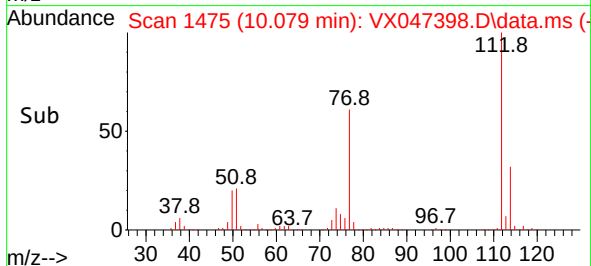
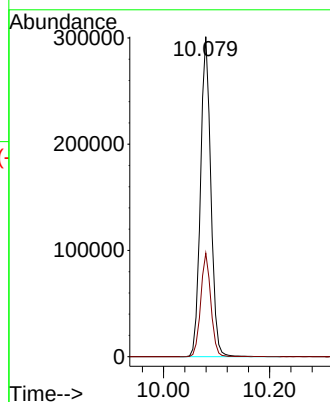
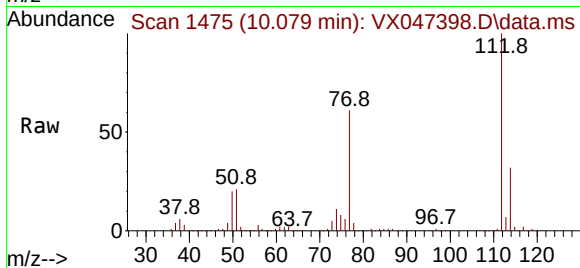
#65
Chlorobenzene
Concen: 47.020 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 40782
Ion Ratio Lower Upper
112 100
114 32.3 26.4 39.6

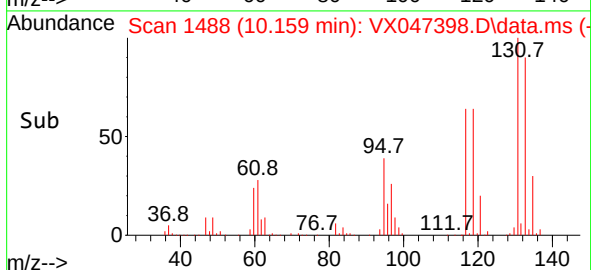
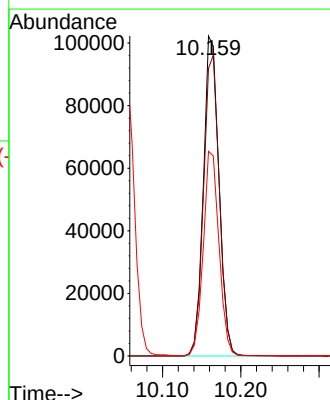
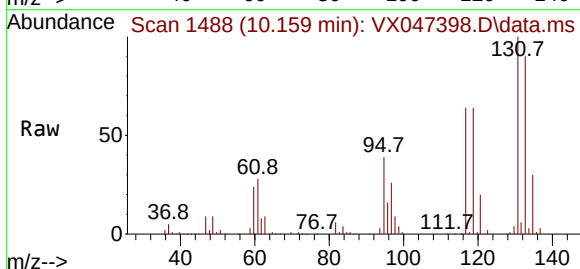
Manual Integrations
APPROVED

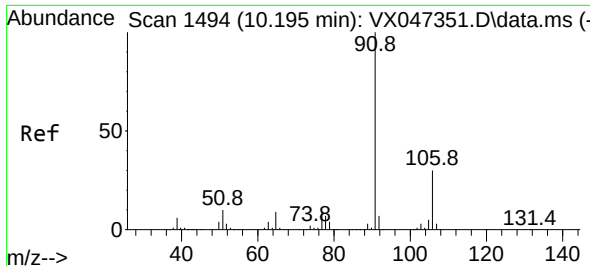
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 48.203 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

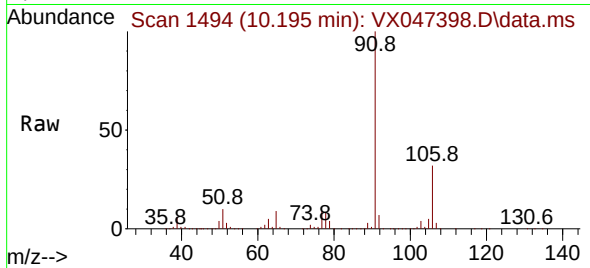
Tgt Ion:131 Resp: 141328
Ion Ratio Lower Upper
131 100
133 95.4 47.6 142.9
119 64.4 32.3 96.8





#67
Ethyl Benzene
Concen: 48.350 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

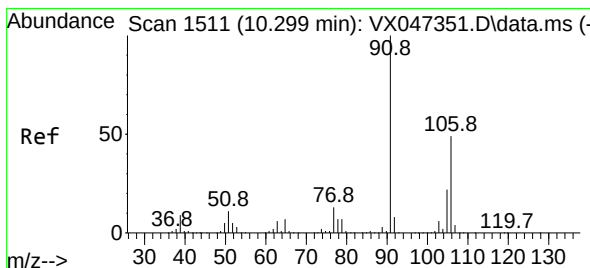
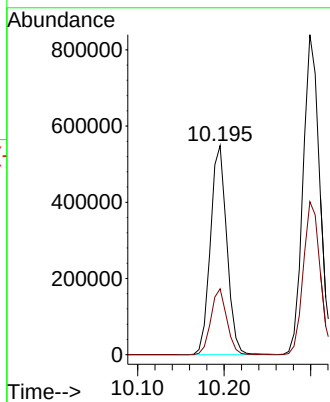
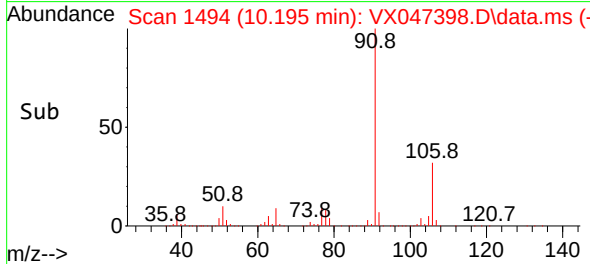
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



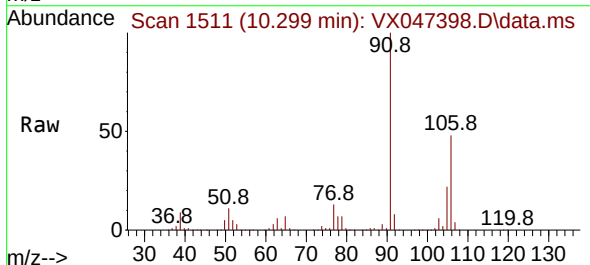
Tgt Ion: 91 Resp: 721774
Ion Ratio Lower Upper
91 100
106 31.5 24.4 36.6

Manual Integrations
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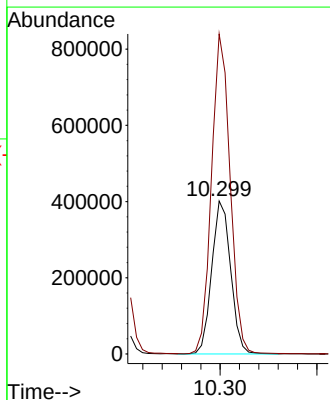
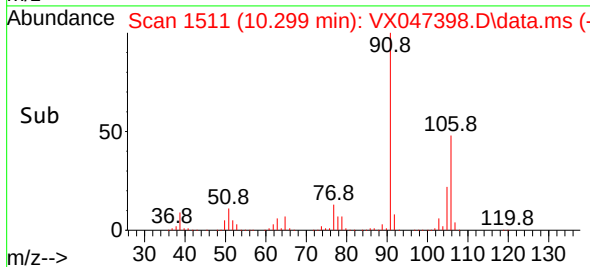
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

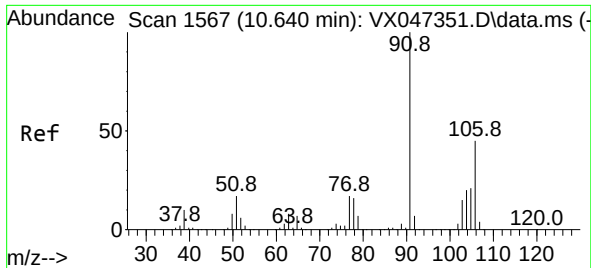


#68
m/p-Xylenes
Concen: 97.575 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57



Tgt Ion:106 Resp: 543135
Ion Ratio Lower Upper
106 100
91 206.5 164.7 247.1





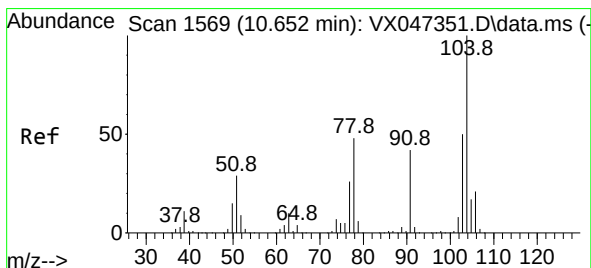
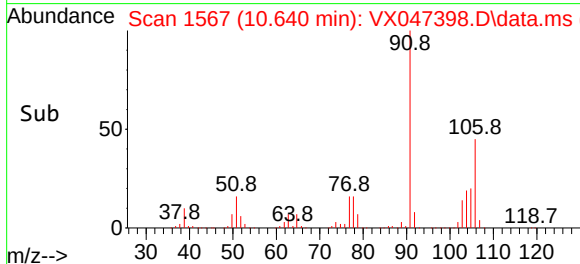
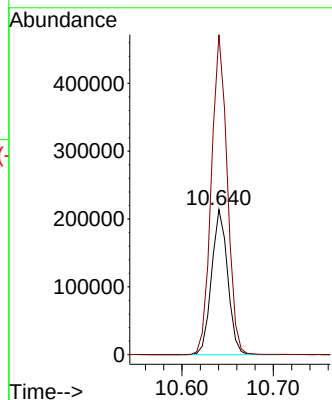
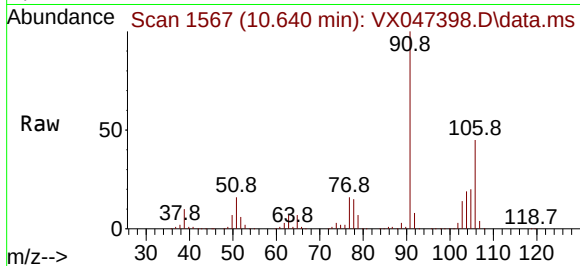
#69
o-Xylene
Concen: 48.711 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 260933
Ion Ratio Lower Upper
106 100
91 218.8 110.6 331.8

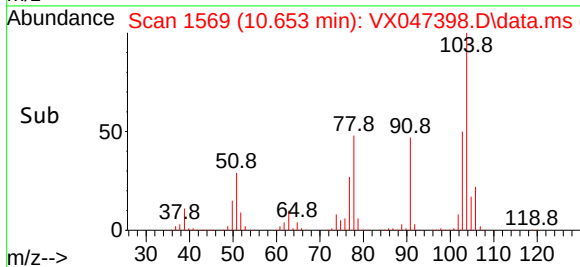
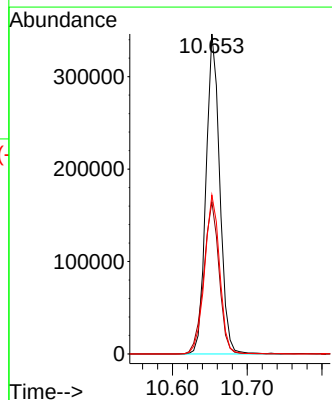
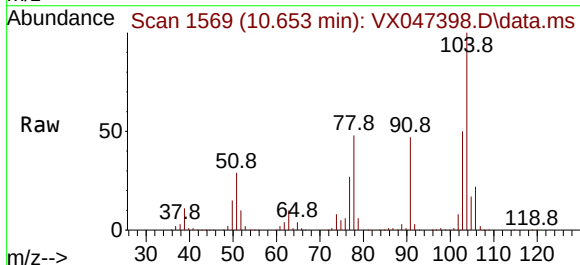
Manual Integrations
APPROVED

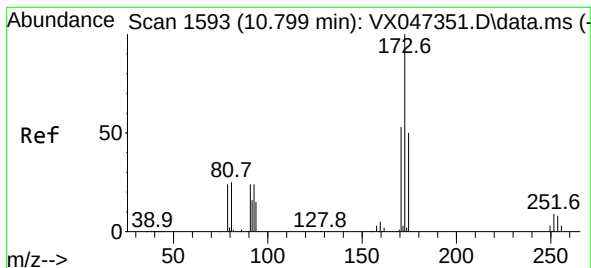
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#70
Styrene
Concen: 48.950 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

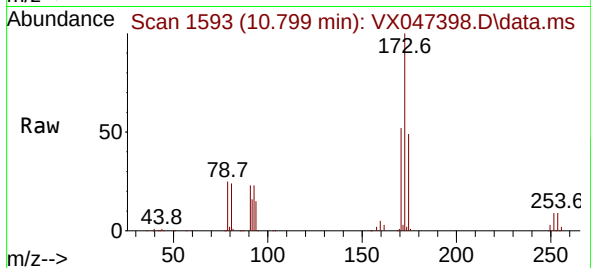
Tgt Ion:104 Resp: 443043
Ion Ratio Lower Upper
104 100
78 52.8 41.8 62.8
103 54.2 43.6 65.4





#71
Bromoform
Concen: 49.800 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

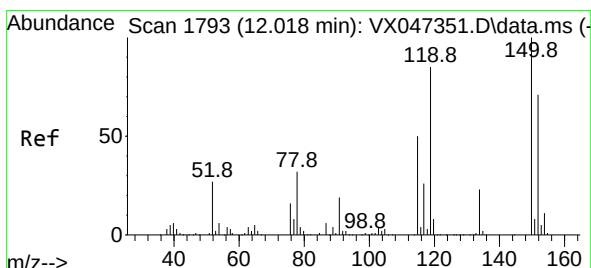
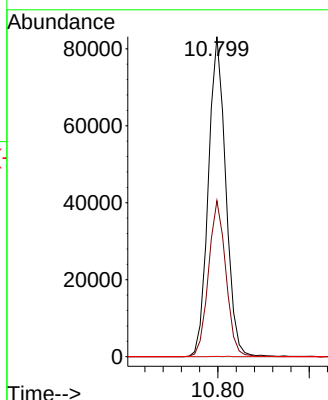
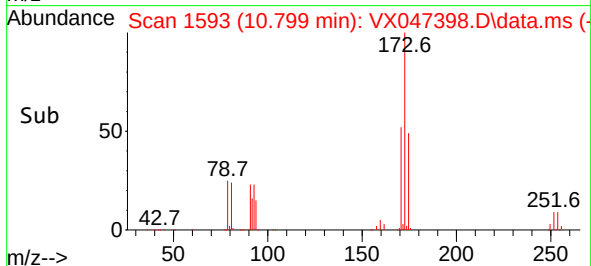
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



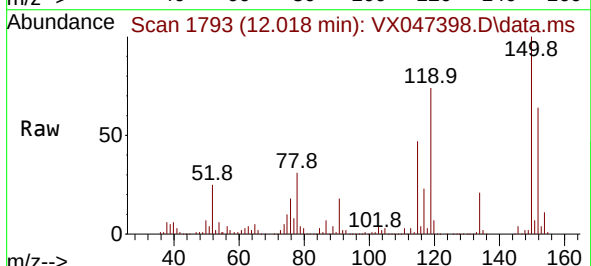
Tgt Ion:173 Resp: 10969
Ion Ratio Lower Upper
173 100
175 48.6 24.4 73.4
254 0.1 0.1 0.1

Manual Integrations
APPROVED

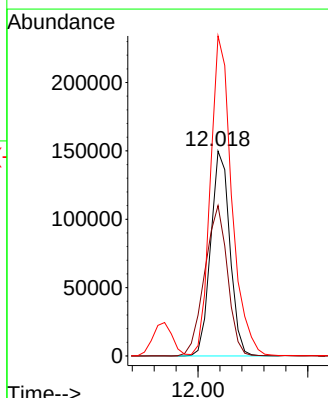
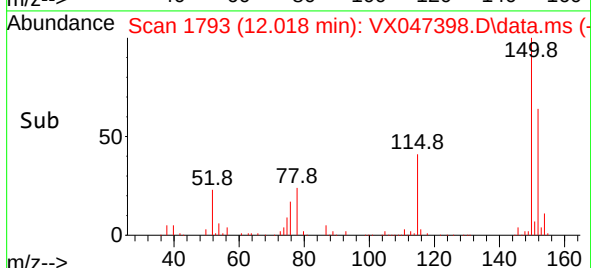
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

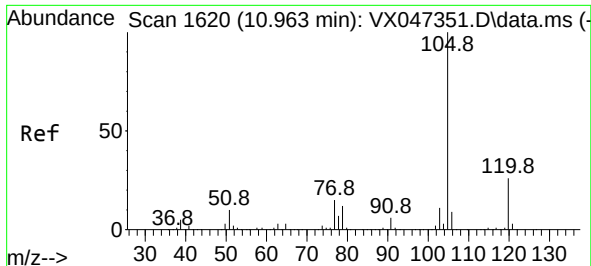


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57



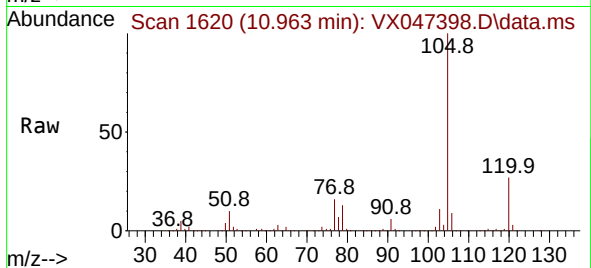
Tgt Ion:152 Resp: 181876
Ion Ratio Lower Upper
152 100
115 87.3 44.6 133.8
150 173.8 0.0 349.8





#73
Isopropylbenzene
Concen: 48.136 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

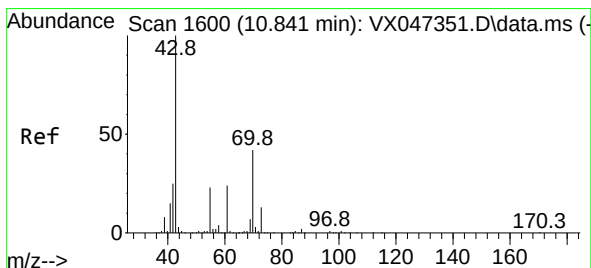
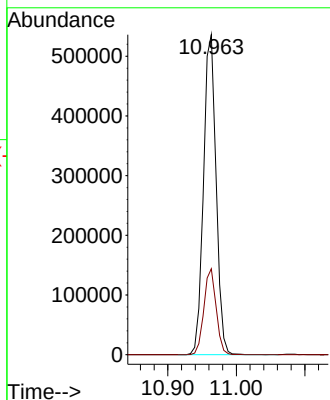
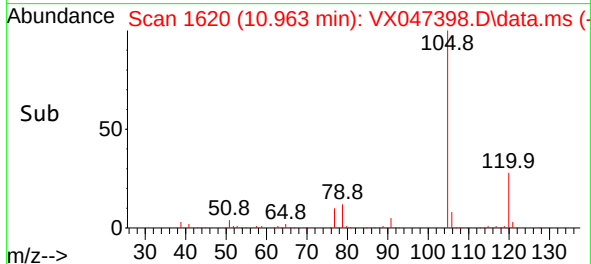
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



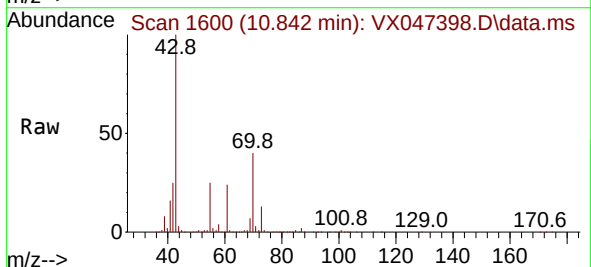
Tgt Ion:105 Resp: 685100
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.6

Manual Integrations
APPROVED

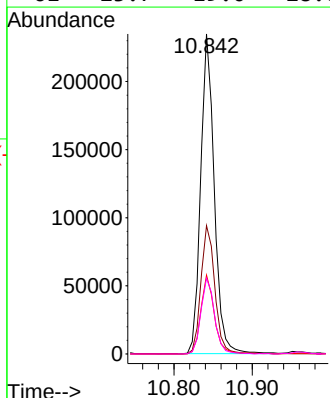
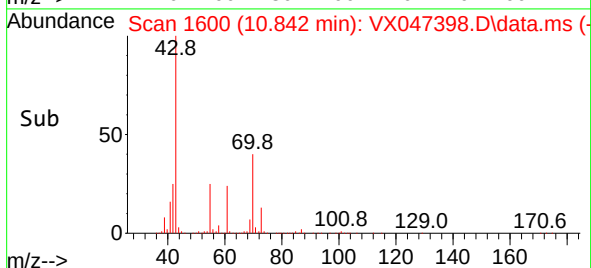
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

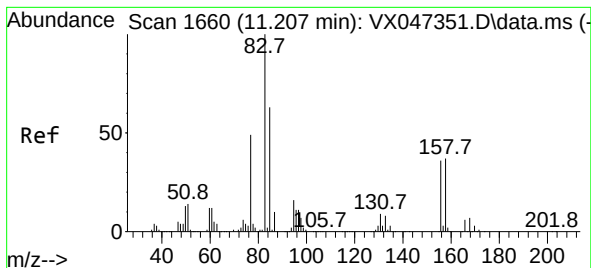


#74
N-ethyl acetate
Concen: 52.388 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57



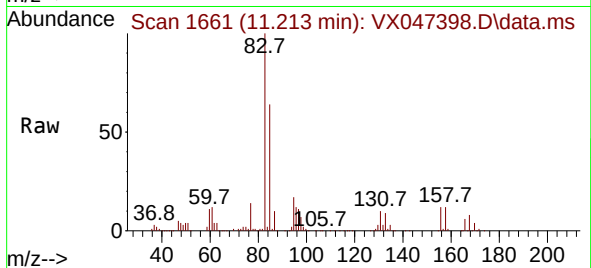
Tgt Ion: 43 Resp: 283144
Ion Ratio Lower Upper
43 100
70 41.3 33.1 49.7
55 24.6 19.0 28.6
61 23.7 19.0 28.6





#75
1,1,2,2-Tetrachloroethane
Concen: 48.688 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

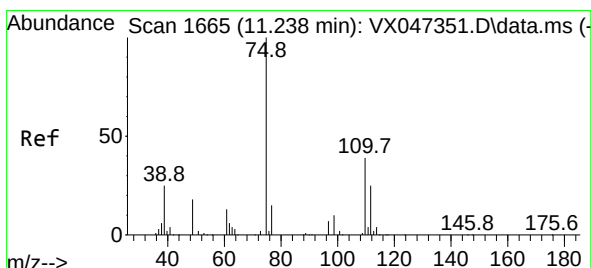
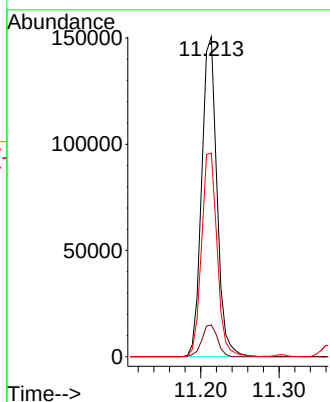
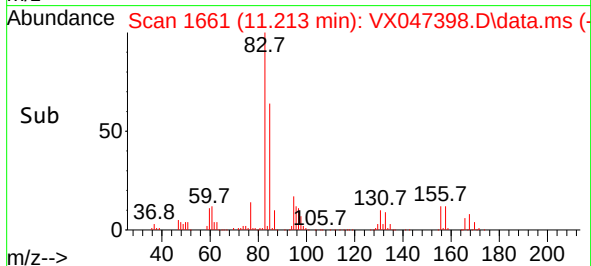
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 203458
Ion Ratio Lower Upper
83 100
131 10.2 5.0 15.0
85 65.1 31.7 95.1

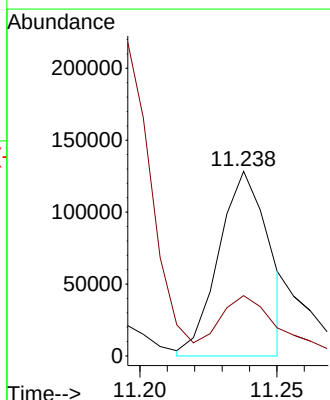
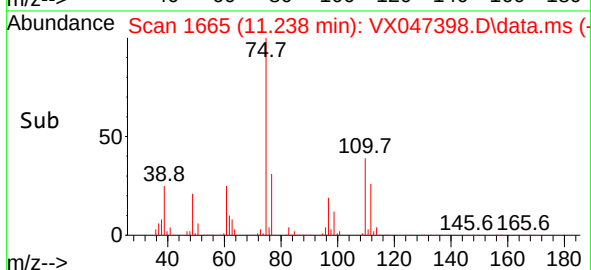
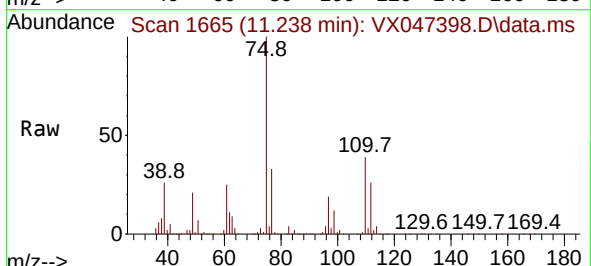
Manual Integrations
APPROVED

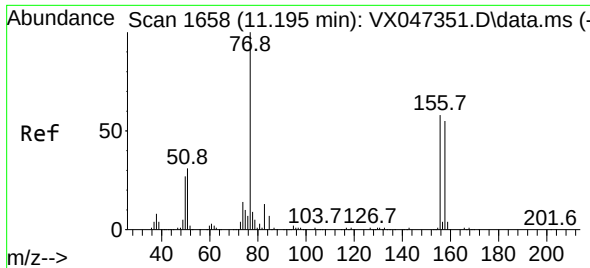
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#76
1,2,3-Trichloropropane
Concen: 48.801 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

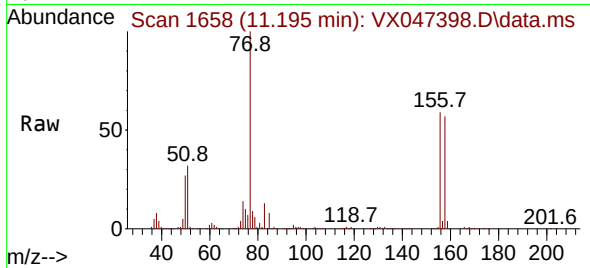
Tgt Ion: 75 Resp: 162792
Ion Ratio Lower Upper
75 100
77 39.7 19.4 58.2





#77
Bromobenzene
Concen: 46.788 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

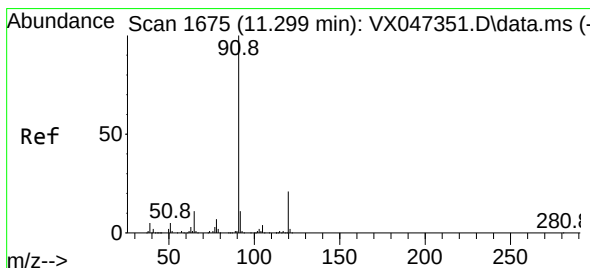
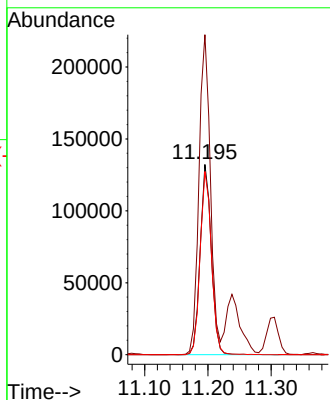
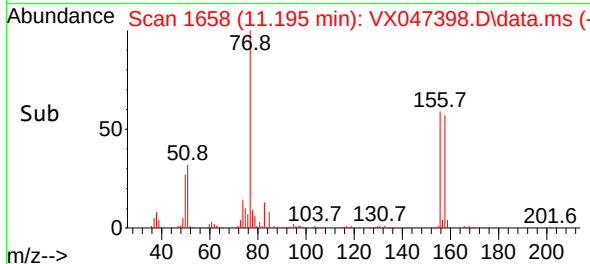
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



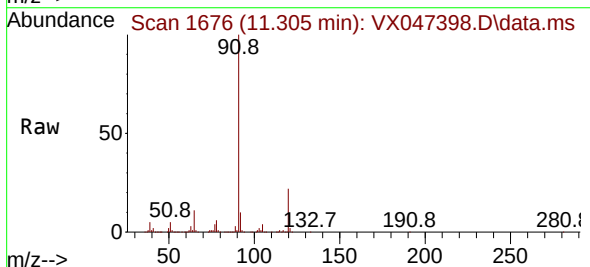
Tgt Ion:156 Resp: 162609
Ion Ratio Lower Upper
156 100
77 172.4 86.3 258.9
158 97.9 48.0 144.2

Manual Integrations
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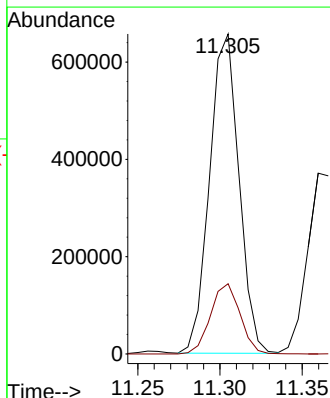
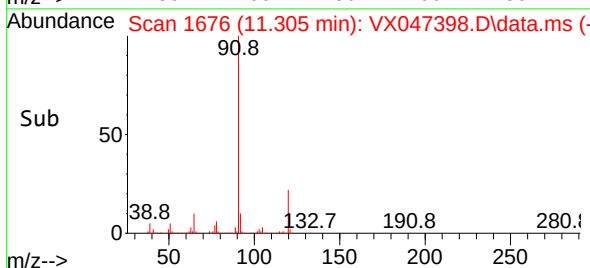
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

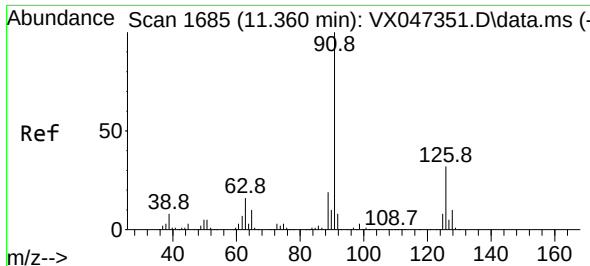


#78
n-propylbenzene
Concen: 47.963 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57



Tgt Ion: 91 Resp: 815287
Ion Ratio Lower Upper
91 100
120 22.2 11.0 33.0





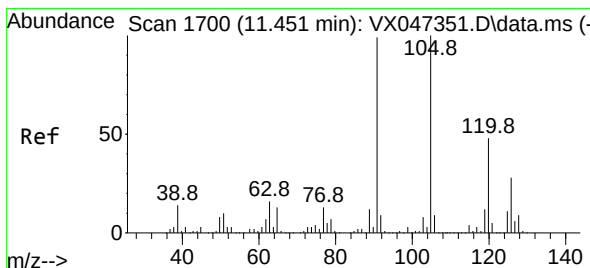
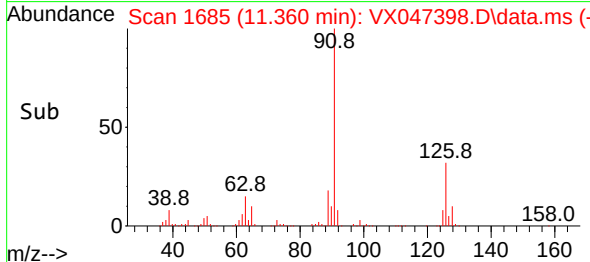
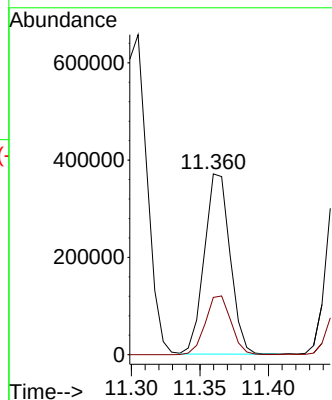
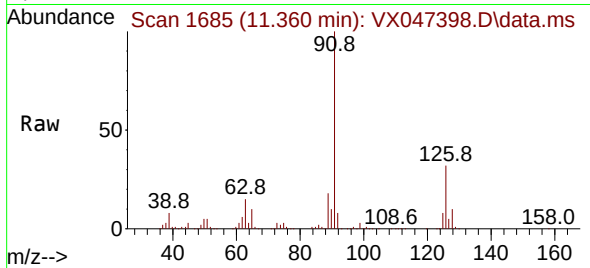
#79
2-Chlorotoluene
Concen: 47.097 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 48394
Ion Ratio Lower Upper
91 100
126 32.5 16.7 50.1

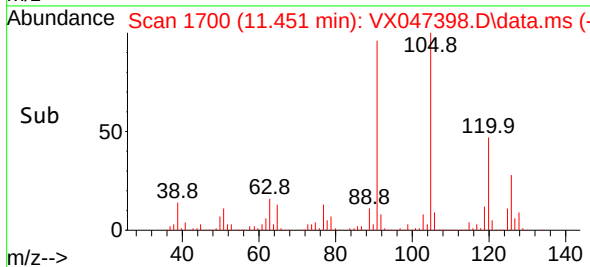
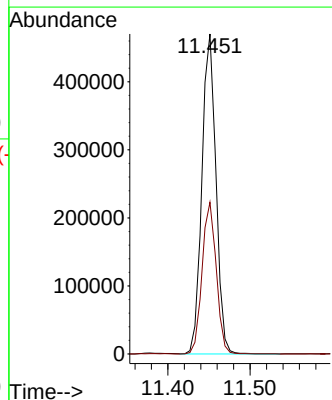
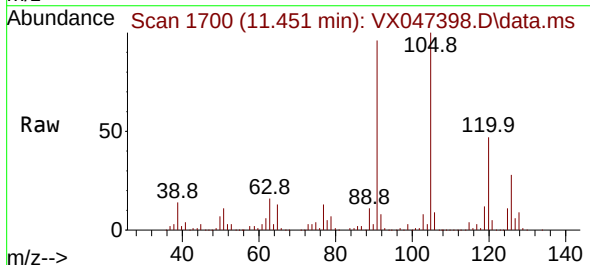
Manual Integrations
APPROVED

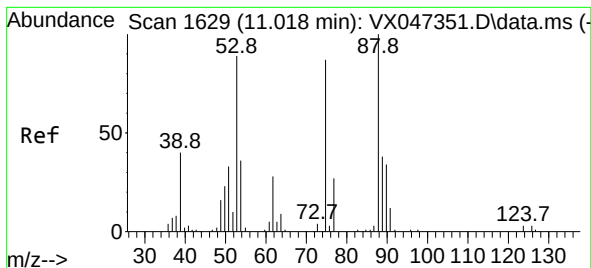
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#80
1,3,5-Trimethylbenzene
Concen: 47.736 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

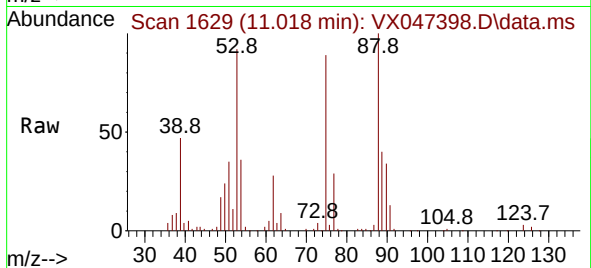
Tgt Ion:105 Resp: 559007
Ion Ratio Lower Upper
105 100
120 47.6 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 43.382 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

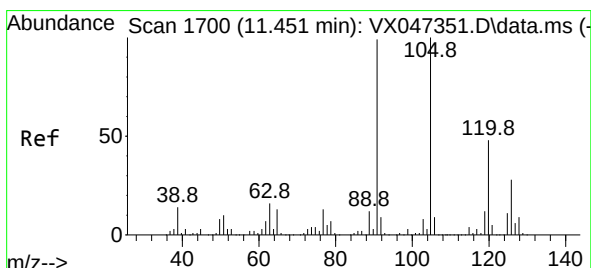
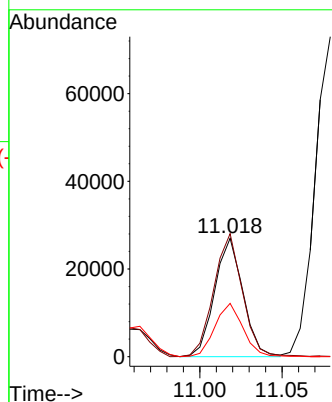
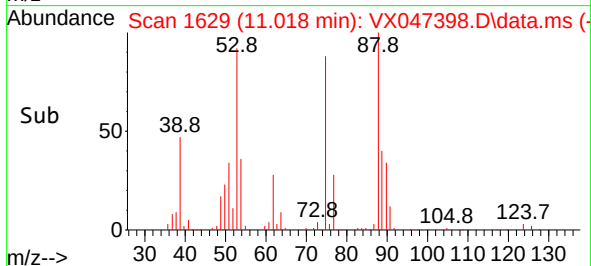
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



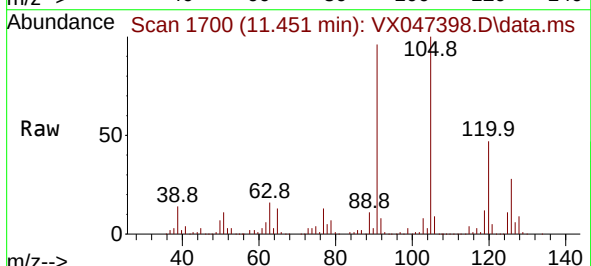
Tgt Ion: 75 Resp: 32344
Ion Ratio Lower Upper
75 100
53 105.5 85.2 127.8
89 44.8 36.7 55.1

Manual Integrations
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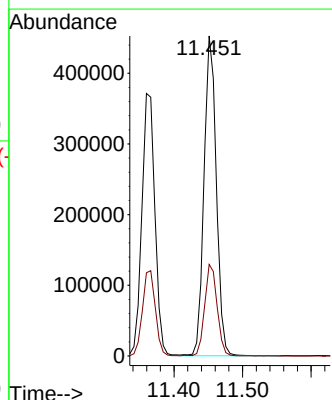
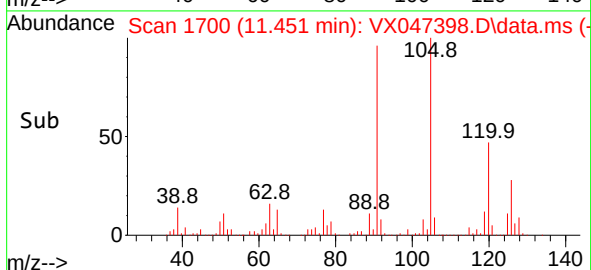
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

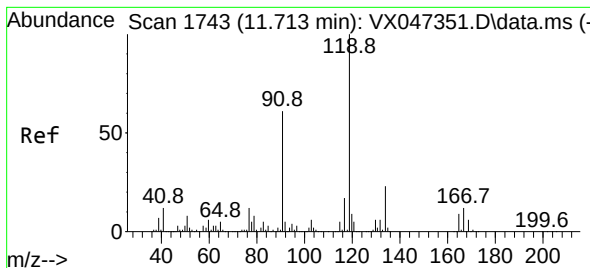


#82
4-Chlorotoluene
Concen: 46.629 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57



Tgt Ion: 91 Resp: 564800
Ion Ratio Lower Upper
91 100
126 29.1 14.4 43.0





#83

tert-Butylbenzene

Concen: 47.888 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX047398.D

Acq: 18 Aug 2025 20:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

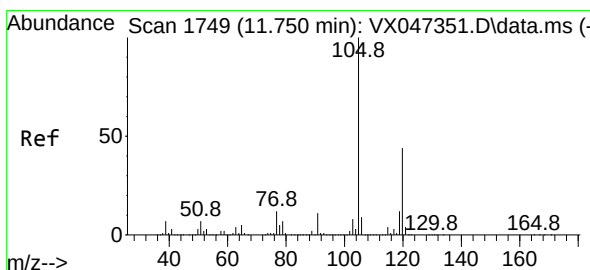
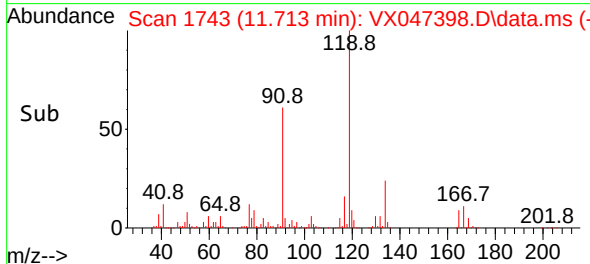
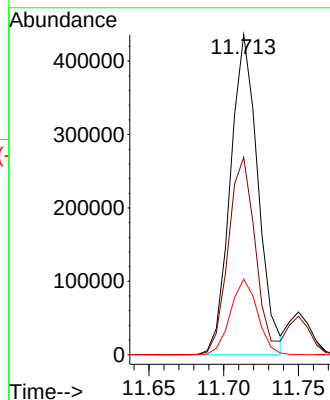
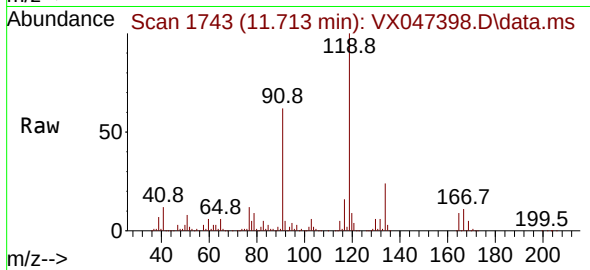
Tgt Ion:119 Resp: 559489
 Ion Ratio Lower Upper
 119 100
 91 61.0 29.1 87.4
 134 23.1 11.3 33.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2025

Supervised By :Mahesh Dadoda 08/20/2025



#84

1,2,4-Trimethylbenzene

Concen: 48.276 ug/l

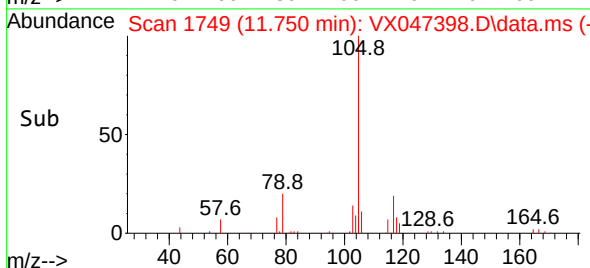
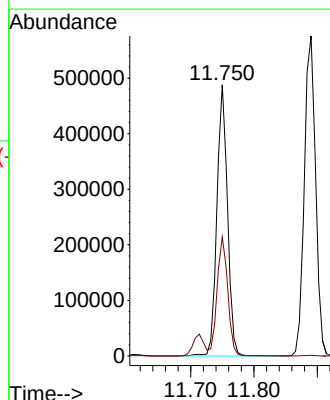
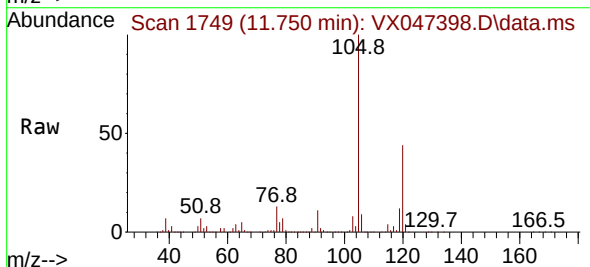
RT: 11.750 min Scan# 1749

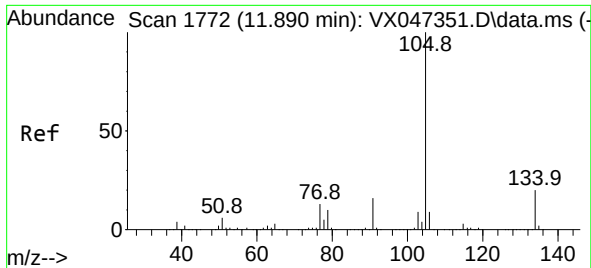
Delta R.T. 0.000 min

Lab File: VX047398.D

Acq: 18 Aug 2025 20:57

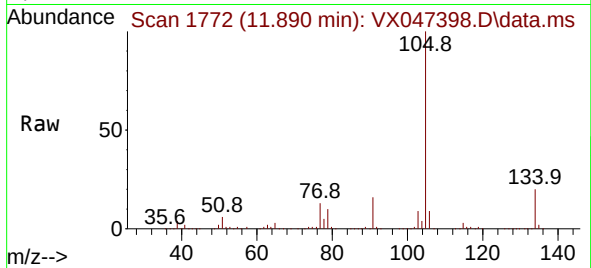
Tgt Ion:105 Resp: 565346
 Ion Ratio Lower Upper
 105 100
 120 44.1 21.9 65.7





#85
 sec-Butylbenzene
 Concen: 48.776 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047398.D
 Acq: 18 Aug 2025 20:57

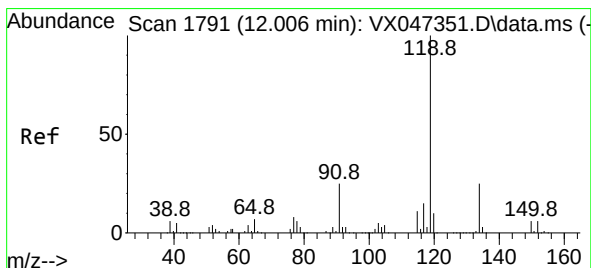
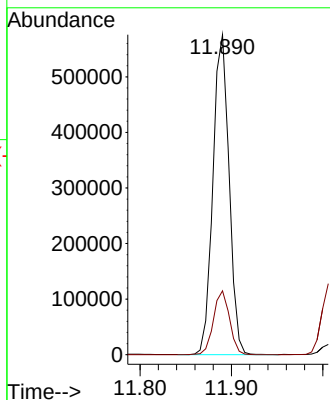
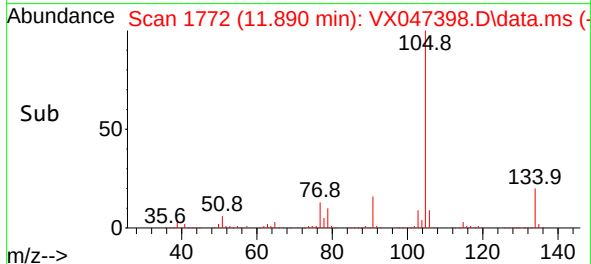
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



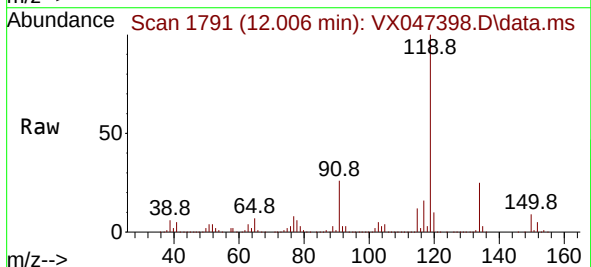
Tgt Ion:105 Resp: 706315
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.5

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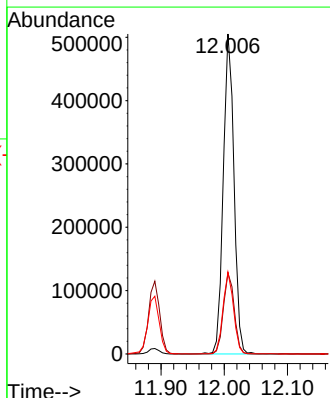
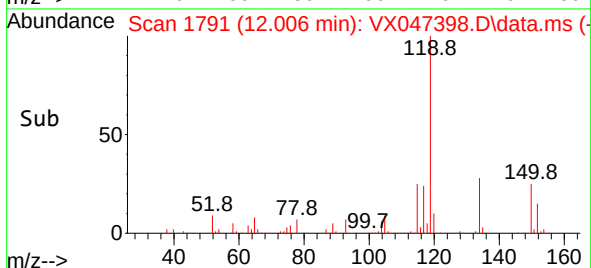
Reviewed By :John Carlone 08/19/2025
 Supervised By :Mahesh Dadoda 08/20/2025

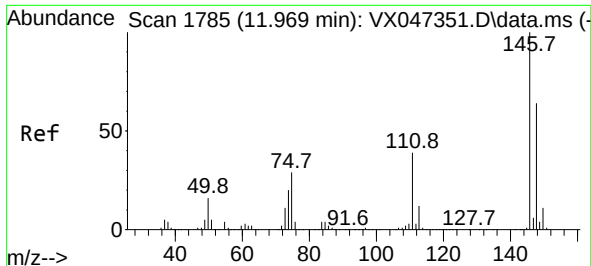


#86
 p-Isopropyltoluene
 Concen: 48.046 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047398.D
 Acq: 18 Aug 2025 20:57



Tgt Ion:119 Resp: 588746
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.4
 91 25.4 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 46.289 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047398.D

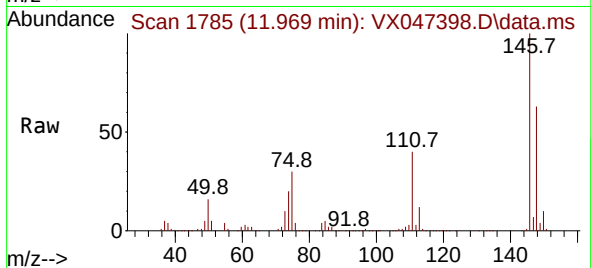
Acq: 18 Aug 2025 20:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 307339

Ion Ratio Lower Upper

146 100

111 42.0 20.6 61.8

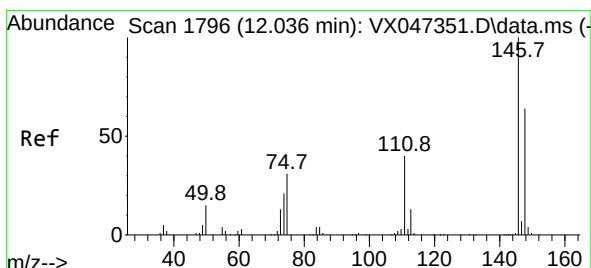
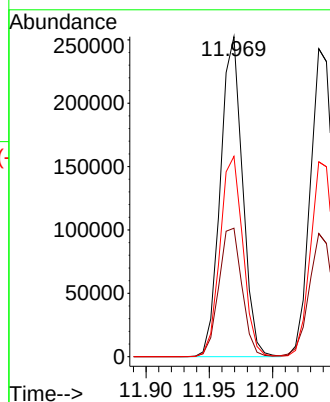
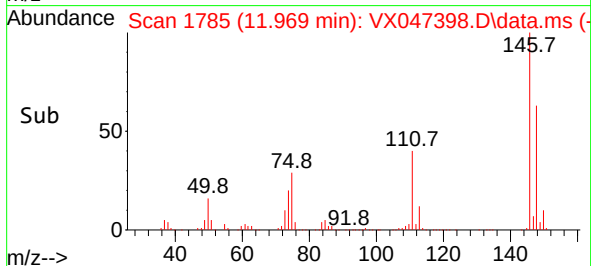
148 64.4 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2025

Supervised By :Mahesh Dadoda 08/20/2025



#88

1,4-Dichlorobenzene

Concen: 45.233 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047398.D

Acq: 18 Aug 2025 20:57

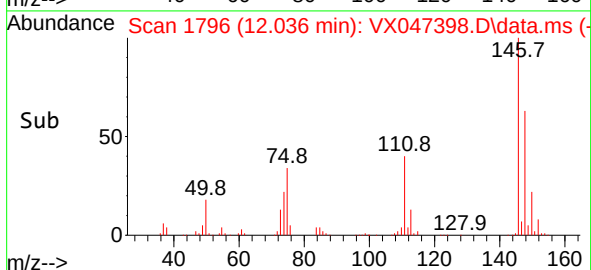
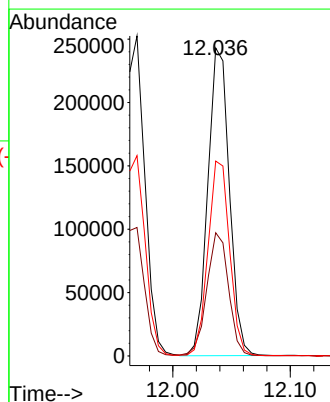
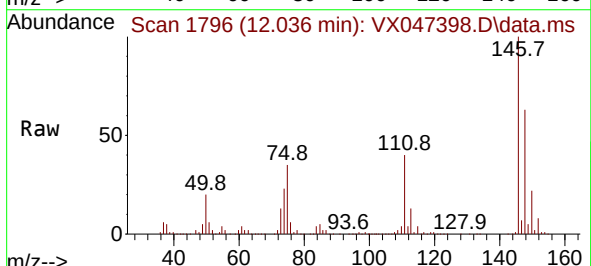
Tgt Ion:146 Resp: 308887

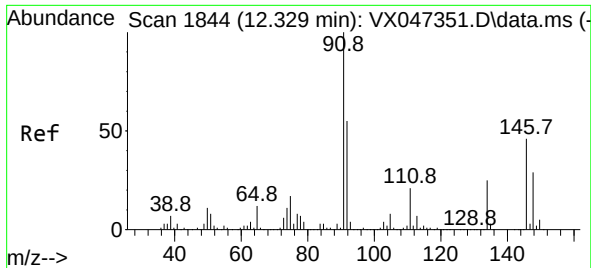
Ion Ratio Lower Upper

146 100

111 40.5 20.4 61.2

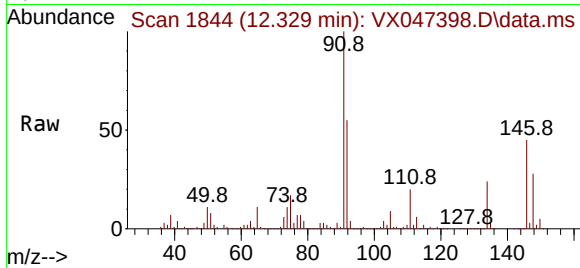
148 64.0 31.7 95.1





#89
n-Butylbenzene
Concen: 48.167 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

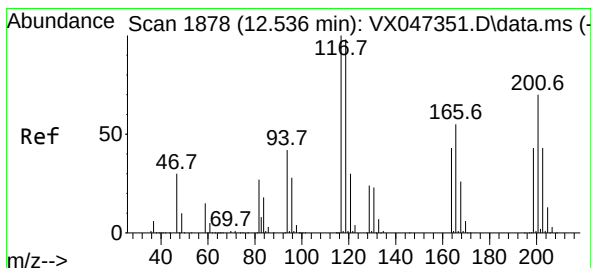
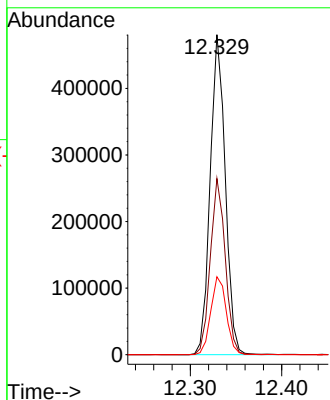
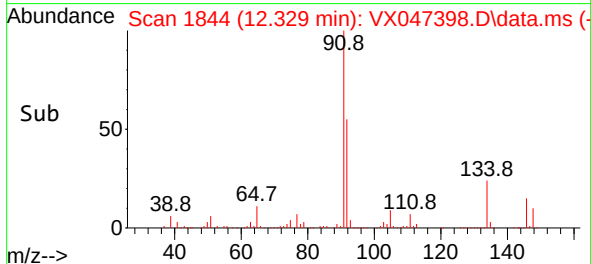
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 54898
Ion Ratio Lower Upper
91 100
92 54.7 27.2 81.5
134 25.2 12.6 37.8

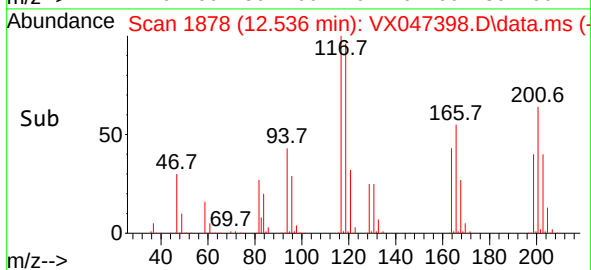
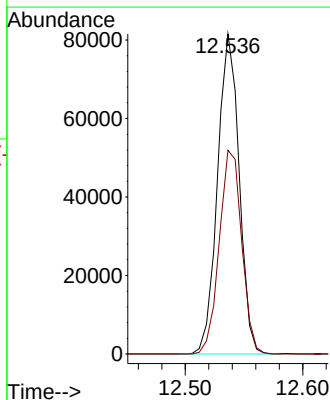
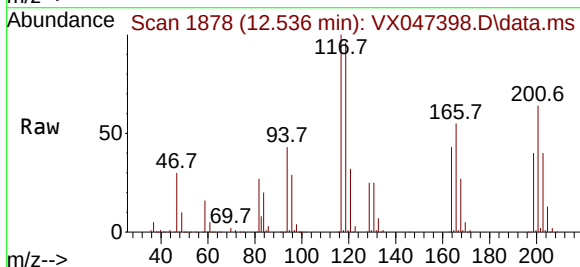
Manual Integrations
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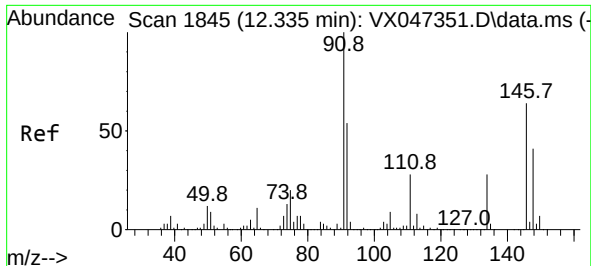
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#90
Hexachloroethane
Concen: 48.527 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Tgt Ion:117 Resp: 104319
Ion Ratio Lower Upper
117 100
201 66.1 35.1 105.3





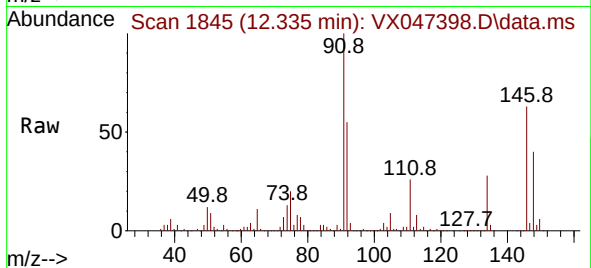
#91
1,2-Dichlorobenzene
Concen: 46.240 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



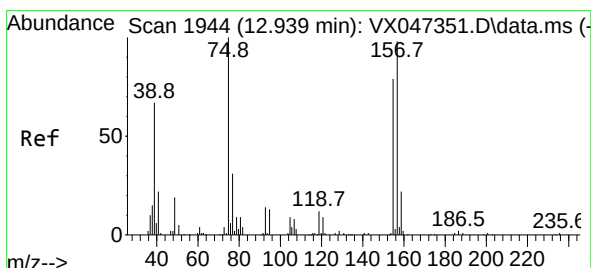
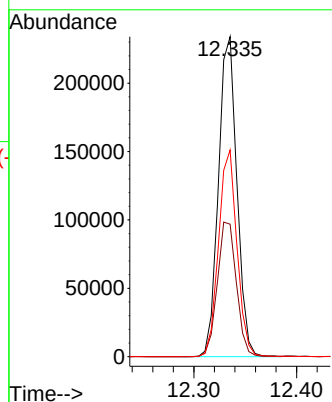
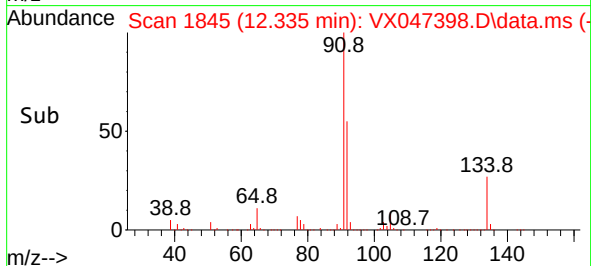
Tgt Ion:146 Resp: 291404
Ion Ratio Lower Upper
146 100
111 43.6 22.1 66.1
148 64.5 31.9 95.5

Manual Integrations

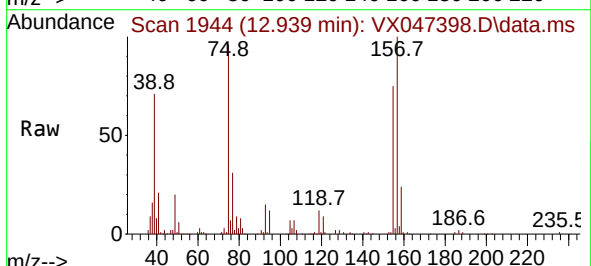
APPROVED

Reviewed By :John Carlone 08/19/2025

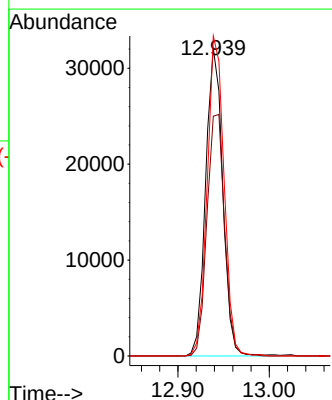
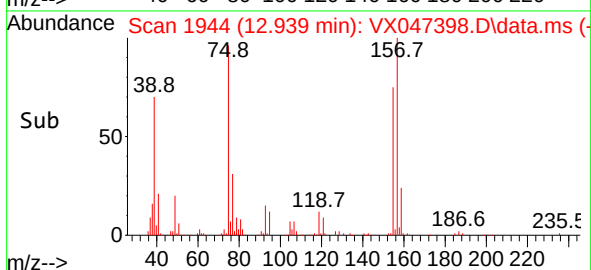
Supervised By :Mahesh Dadoda 08/20/2025

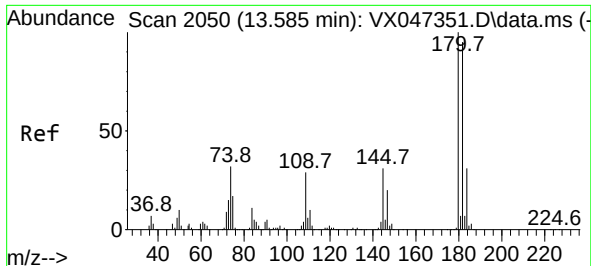


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.455 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57



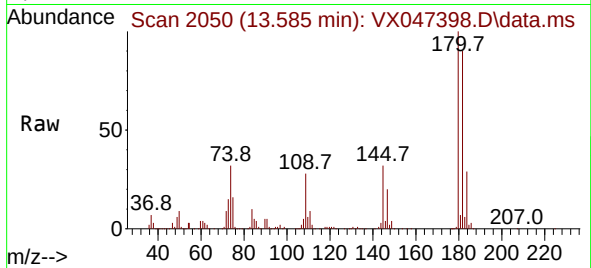
Tgt Ion: 75 Resp: 41583
Ion Ratio Lower Upper
75 100
155 80.9 41.3 123.7
157 102.3 51.5 154.5





#93
1,2,4-Trichlorobenzene
Concen: 47.190 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

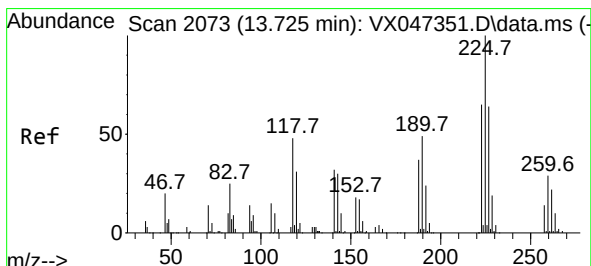
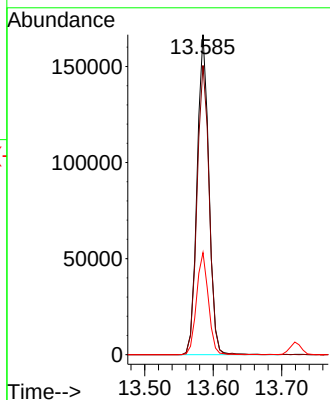
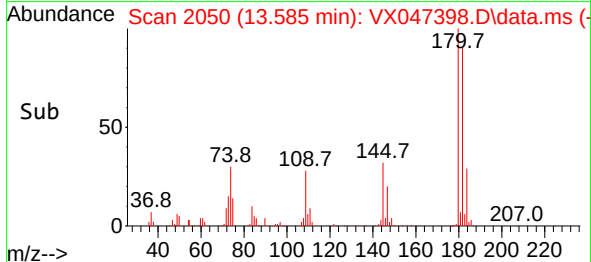
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



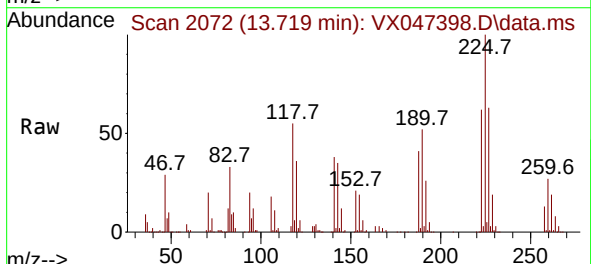
Tgt Ion:180 Resp: 199368
Ion Ratio Lower Upper
180 100
182 93.2 48.1 144.4
145 31.9 16.2 48.5

Manual Integrations
APPROVED

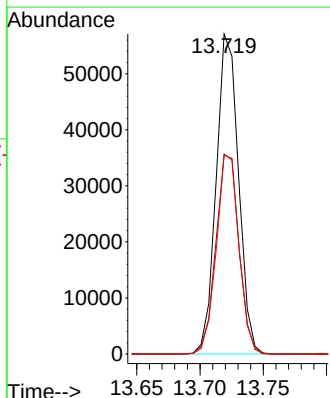
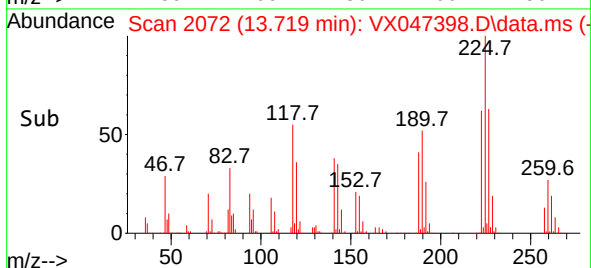
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

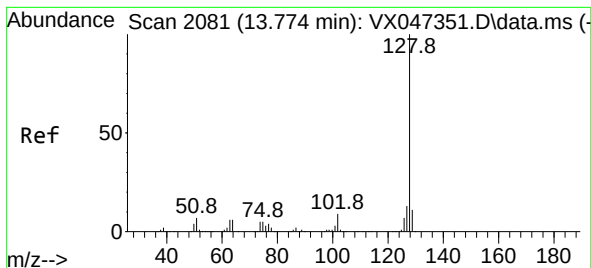


#94
Hexachlorobutadiene
Concen: 46.449 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57



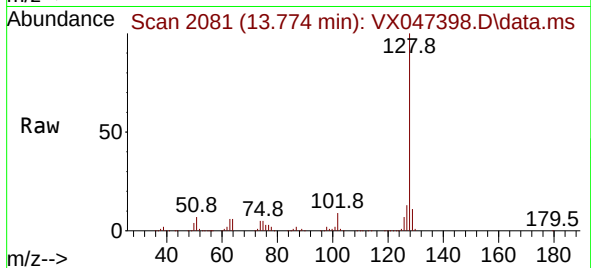
Tgt Ion:225 Resp: 69851
Ion Ratio Lower Upper
225 100
223 64.3 32.2 96.6
227 63.0 31.6 95.0





#95
Naphthalene
Concen: 50.928 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57

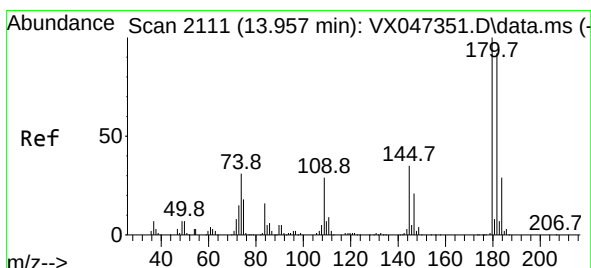
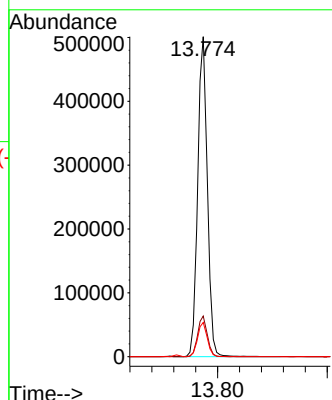
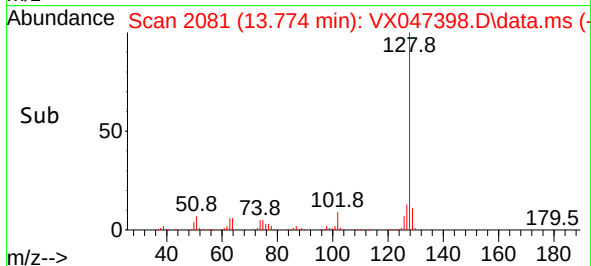
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



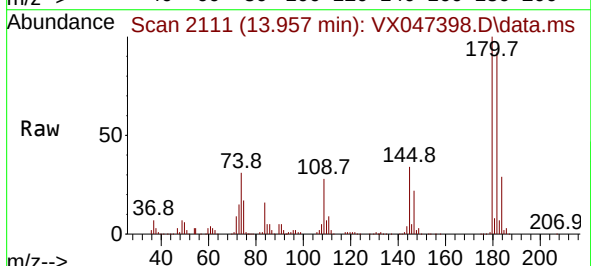
Tgt Ion:128 Resp: 61488
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#96
1,2,3-Trichlorobenzene
Concen: 47.311 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047398.D
Acq: 18 Aug 2025 20:57



Tgt Ion:180 Resp: 188409
Ion Ratio Lower Upper
180 100
182 94.7 48.0 144.2
145 34.6 17.4 52.2

