

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
 Data File : VX047105.D
 Acq On : 24 Jul 2025 09:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/25/2025
 Supervised By : Mahesh Dadoda 07/25/2025

Quant Time: Jul 25 01:14:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	299639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	500897	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	440622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	207085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	193066	51.725	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.440%			
35) Dibromofluoromethane	5.391	113	167580	54.186	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.380%			
50) Toluene-d8	8.647	98	504116	50.333	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.660%			
62) 4-Bromofluorobenzene	11.079	95	222466	51.542	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	224297	56.356	ug/l	98
3) Chloromethane	1.313	50	201500	51.182	ug/l	98
4) Vinyl Chloride	1.392	62	236493	55.882	ug/l	100
5) Bromomethane	1.624	94	122852	53.440	ug/l	94
6) Chloroethane	1.703	64	134619	48.432	ug/l	96
7) Trichlorofluoromethane	1.904	101	335603	53.182	ug/l	97
8) Diethyl Ether	2.142	74	112306	50.475	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	195674	51.467	ug/l	99
10) Methyl Iodide	2.465	142	277507	71.619	ug/l	97
11) Tert butyl alcohol	2.959	59	100461	229.392	ug/l	95
12) 1,1-Dichloroethene	2.337	96	191671	50.900	ug/l	97
13) Acrolein	2.246	56	276961	344.613	ug/l	100
14) Allyl chloride	2.678	41	348840	51.248	ug/l	97
15) Acrylonitrile	3.075	53	430229	241.680	ug/l	99
16) Acetone	2.386	43	391900	262.093	ug/l	100
17) Carbon Disulfide	2.526	76	536427	49.242	ug/l	99
18) Methyl Acetate	2.709	43	197262	49.643	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	567844	49.549	ug/l	96
20) Methylene Chloride	2.800	84	203836	49.551	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	192741	50.019	ug/l	94
22) Diisopropyl ether	3.764	45	665681	50.866	ug/l	97
23) Vinyl Acetate	3.727	43	2720130	259.146	ug/l	99
24) 1,1-Dichloroethane	3.617	63	367631	50.518	ug/l	98
25) 2-Butanone	4.556	43	517145	237.523	ug/l	99
26) 2,2-Dichloropropane	4.483	77	282724	50.188	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	226137	49.558	ug/l	100
28) Bromochloromethane	4.897	49	190341	56.852	ug/l	98
29) Tetrahydrofuran	5.013	42	317807	226.232	ug/l	100
30) Chloroform	5.099	83	364860	49.254	ug/l	99
31) Cyclohexane	5.477	56	332841	47.700	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	319249	49.617	ug/l	99
36) 1,1-Dichloropropene	5.696	75	258430	49.021	ug/l	98
37) Ethyl Acetate	4.715	43	226013	46.527	ug/l	98
38) Carbon Tetrachloride	5.684	117	275848	49.025	ug/l	99
39) Methylcyclohexane	7.379	83	318323	48.362	ug/l	97
40) Benzene	6.044	78	753989	49.421	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	124110	48.864	ug/l	99
42) 1,2-Dichloroethane	6.086	62	269177	50.086	ug/l	99
43) Isopropyl Acetate	6.336	43	366049	48.336	ug/l	100
44) Trichloroethene	7.123	130	187111	47.827	ug/l	99
45) 1,2-Dichloropropane	7.428	63	186453	48.795	ug/l	96
46) Dibromomethane	7.580	93	131302	49.001	ug/l	100
47) Bromodichloromethane	7.818	83	286805	50.286	ug/l	99
48) Methyl methacrylate	7.690	41	190910	46.275	ug/l	99
49) 1,4-Dioxane	7.684	88	42866	913.548	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	1050959	233.479	ug/l	98
52) Toluene	8.714	92	461365	49.181	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	263035	48.838	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	296329	50.270	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	169399	48.151	ug/l	99
56) Ethyl methacrylate	9.116	69	257621	49.464	ug/l	98
57) 1,3-Dichloropropane	9.305	76	294605	48.183	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	596772	205.910	ug/l	100
59) 2-Hexanone	9.427	43	708690	238.301	ug/l	100
60) Dibromochloromethane	9.519	129	205275	49.750	ug/l	100
61) 1,2-Dibromoethane	9.610	107	171521	46.626	ug/l	99
64) Tetrachloroethene	9.275	164	148974	46.900	ug/l	96
65) Chlorobenzene	10.079	112	494465	47.902	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	172036	49.502	ug/l	97
67) Ethyl Benzene	10.189	91	882399	48.892	ug/l	99
68) m/p-Xylenes	10.299	106	653223	96.717	ug/l	98
69) o-Xylene	10.640	106	312945	48.706	ug/l	98
70) Styrene	10.653	104	542411	49.231	ug/l	99
71) Bromoform	10.799	173	126106	47.769	ug/l	99
73) Isopropylbenzene	10.957	105	825869	50.550	ug/l	100
74) N-amyl acetate	10.842	43	321746	48.809	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	223480	47.887	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	188419m	49.156	ug/l	
77) Bromobenzene	11.195	156	195109	49.789	ug/l	99
78) n-propylbenzene	11.299	91	990870	50.753	ug/l	100
79) 2-Chlorotoluene	11.360	91	583149	49.968	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	674272	49.956	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	54469	36.612	ug/l	98
82) 4-Chlorotoluene	11.451	91	685254	50.305	ug/l	99
83) tert-Butylbenzene	11.713	119	685399	50.593	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	682637	50.706	ug/l	99
85) sec-Butylbenzene	11.890	105	849150	50.166	ug/l	100
86) p-Isopropyltoluene	12.006	119	708195	50.452	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	363982	48.884	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	364883	48.370	ug/l	97
89) n-Butylbenzene	12.329	91	667634	50.718	ug/l	99
90) Hexachloroethane	12.536	117	128187	51.047	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	346125	48.638	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	44507	49.684	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	230676	49.062	ug/l	98
94) Hexachlorobutadiene	13.719	225	82402	51.533	ug/l	97
95) Naphthalene	13.774	128	697655	50.615	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	223047	49.242	ug/l	98

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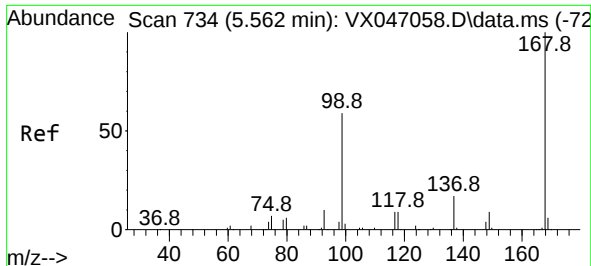
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

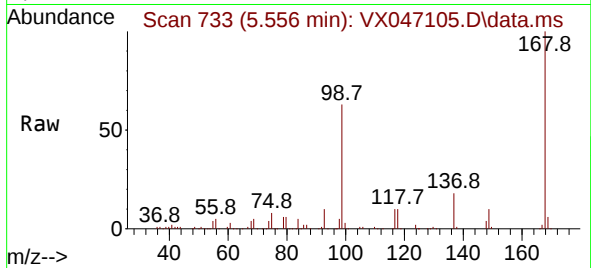
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047105.D
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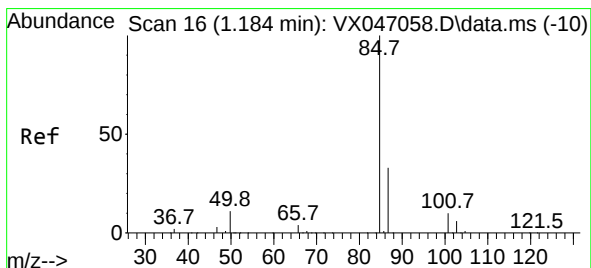
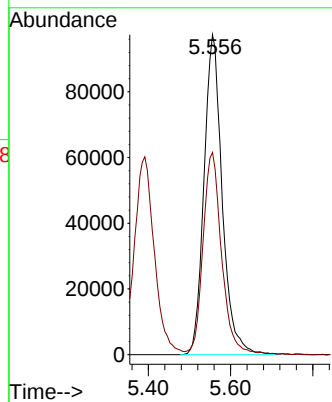
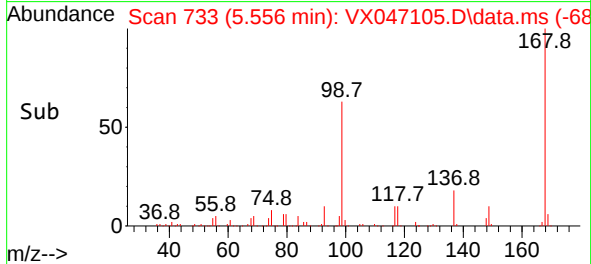
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 299639
Ion Ratio Lower Upper
168 100
99 63.0 48.0 72.0

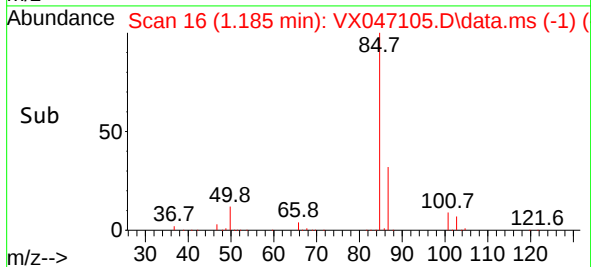
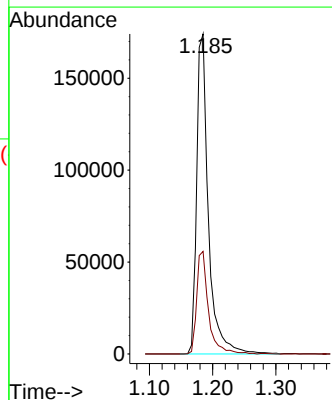
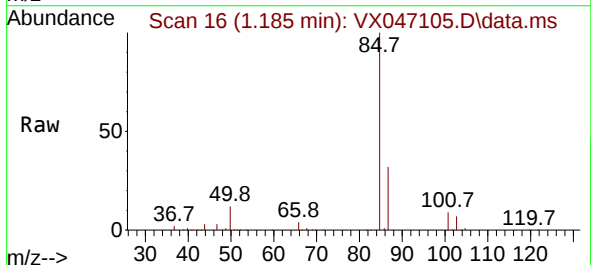
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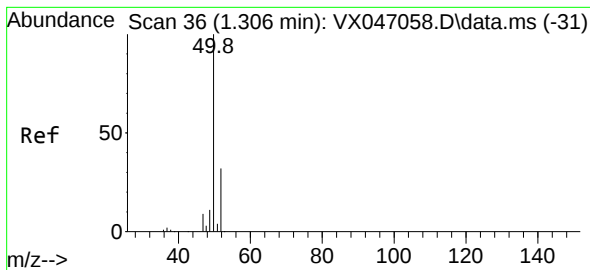
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#2
Dichlorodifluoromethane
Concen: 56.356 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

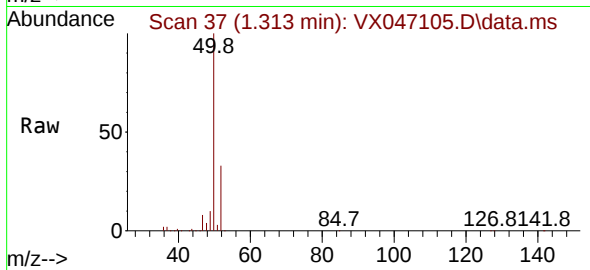
Tgt Ion: 85 Resp: 224297
Ion Ratio Lower Upper
85 100
87 32.1 16.6 49.8





#3
Chloromethane
Concen: 51.182 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

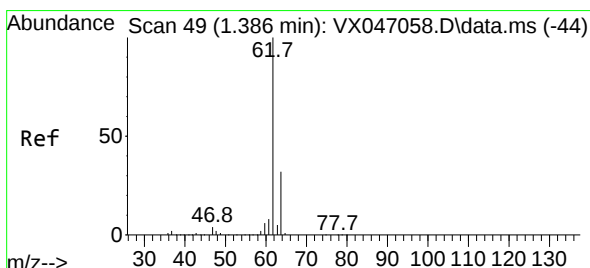
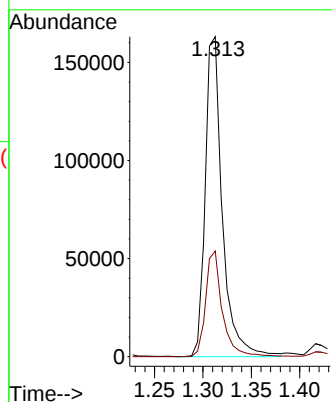
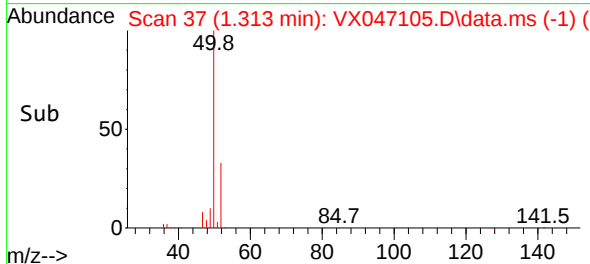
Instrument :
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VSTDCCC050



Tgt Ion: 50 Resp: 201500
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.2

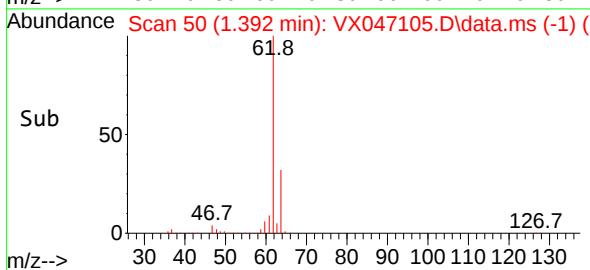
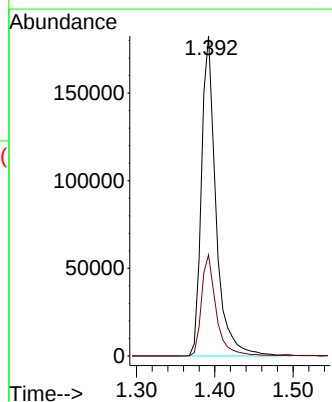
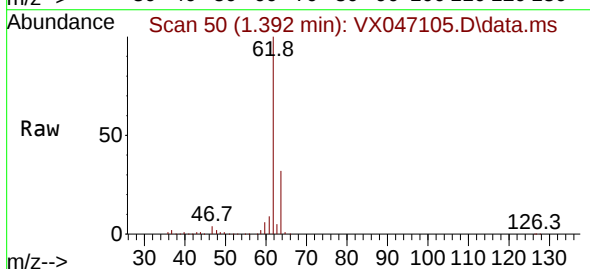
Manual Integrations
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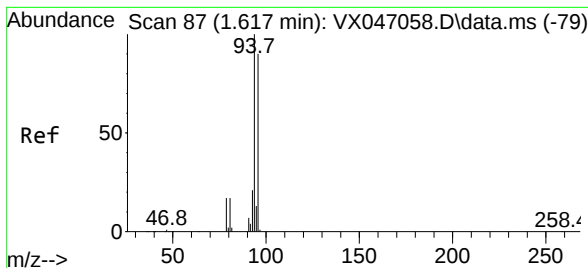
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#4
Vinyl Chloride
Concen: 55.882 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

Tgt Ion: 62 Resp: 236493
Ion Ratio Lower Upper
62 100
64 31.6 25.2 37.8





#5

Bromomethane

Concen: 53.440 ug/l

RT: 1.624 min Scan# 88

Delta R.T. 0.006 min

Lab File: VX047105.D

Acq: 24 Jul 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 12285

Ion Ratio Lower Upper

94 100

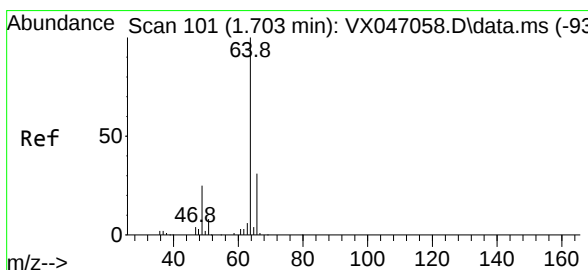
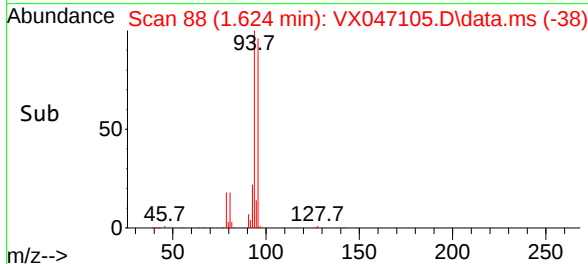
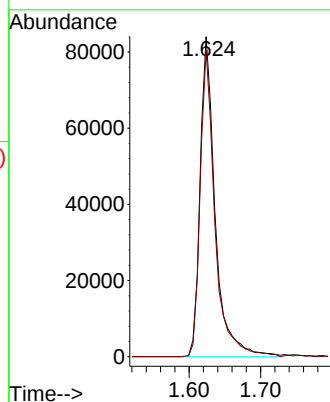
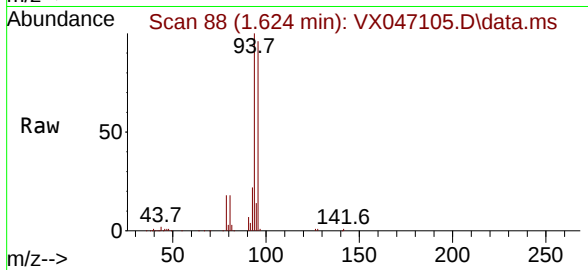
96 95.8 72.3 108.5

Manual Integrations

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Supervised By :Mahesh Dadoda 07/25/2025



#6

Chloroethane

Concen: 48.432 ug/l

RT: 1.703 min Scan# 101

Delta R.T. 0.000 min

Lab File: VX047105.D

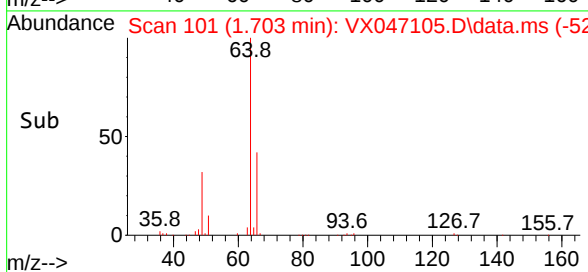
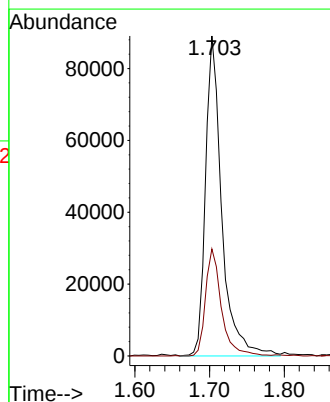
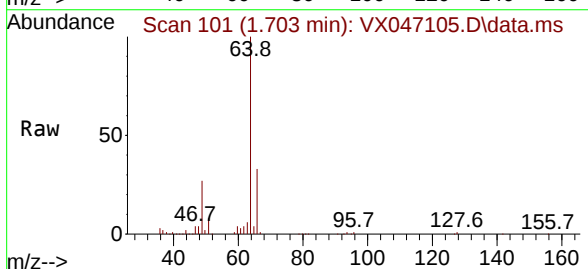
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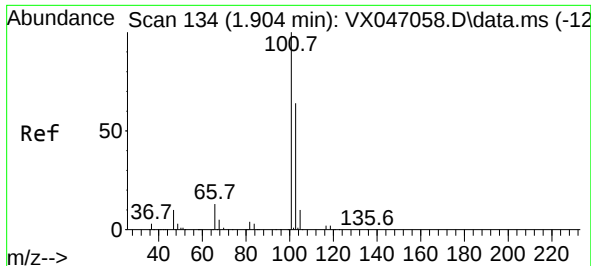
Tgt Ion: 64 Resp: 134619

Ion Ratio Lower Upper

64 100

66 33.4 25.0 37.6





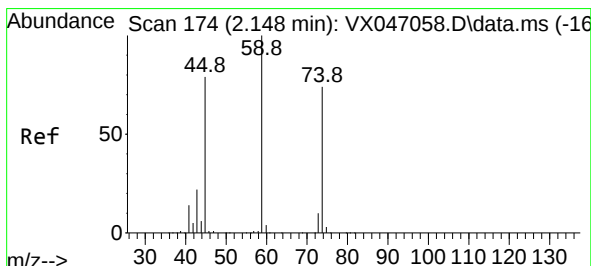
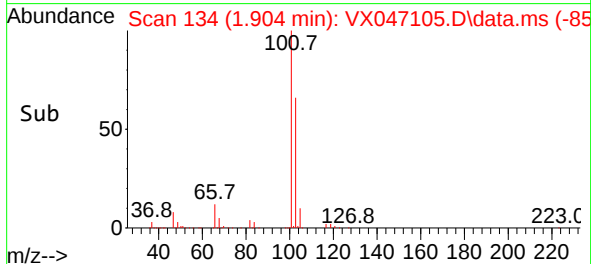
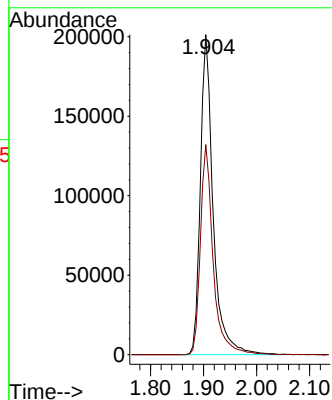
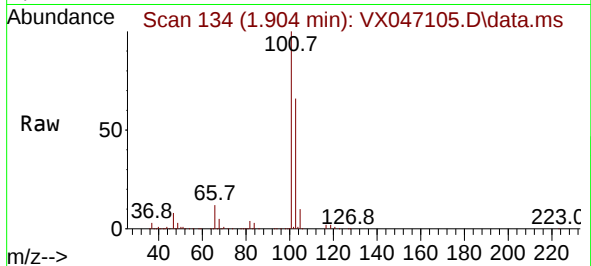
#7
Trichlorofluoromethane
Concen: 53.182 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 33560
Ion Ratio Lower Upper
101 100
103 65.6 50.9 76.3

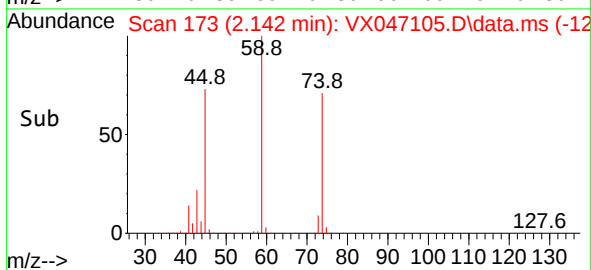
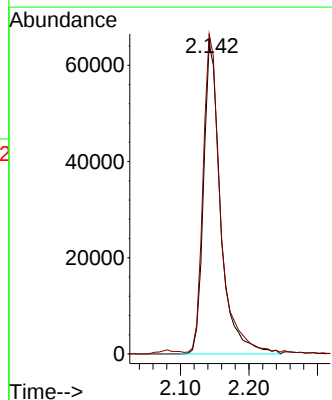
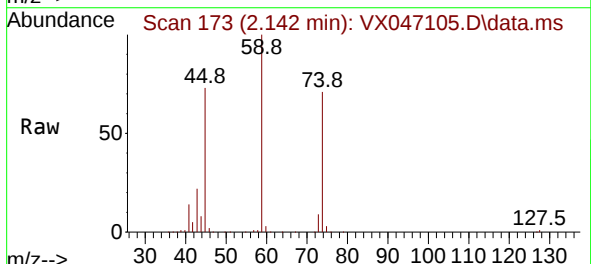
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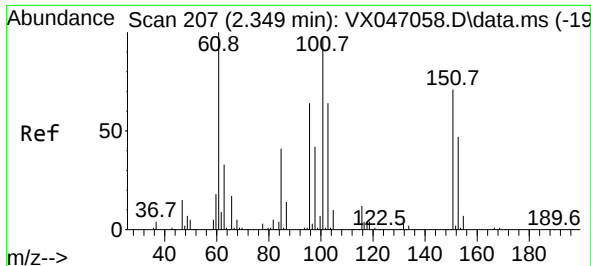
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#8
Diethyl Ether
Concen: 50.475 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.006 min
Lab File: VX047105.D
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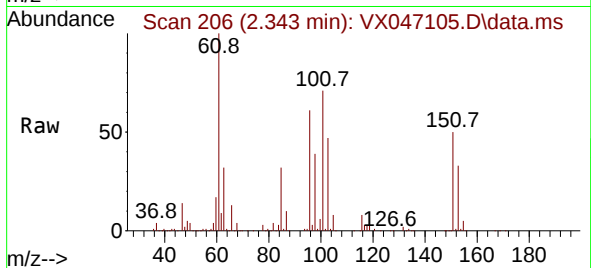
Tgt Ion: 74 Resp: 112306
Ion Ratio Lower Upper
74 100
45 104.6 53.0 159.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.467 ug/l
RT: 2.343 min Scan# 207
Delta R.T. -0.006 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

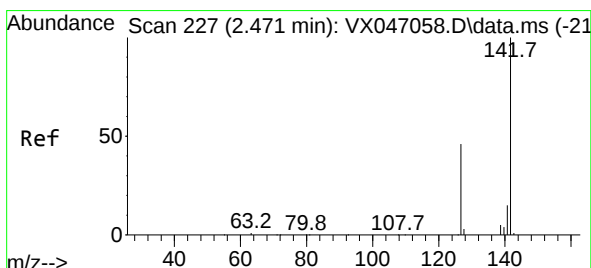
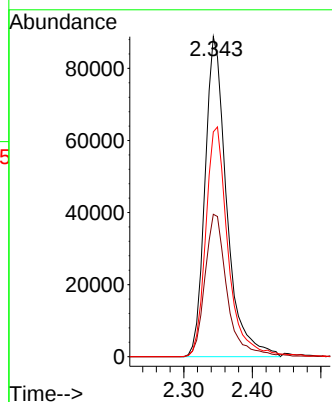
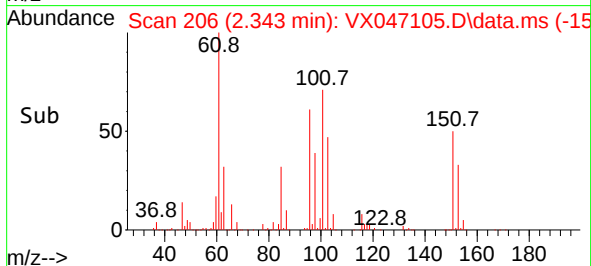
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



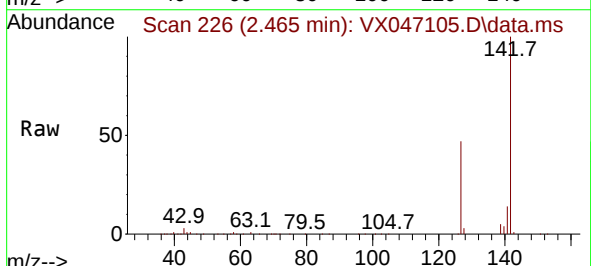
Tgt Ion:101 Resp: 195674
Ion Ratio Lower Upper
101 100
85 45.7 35.4 53.0
151 73.9 59.2 88.8

Manual Integrations
APPROVED

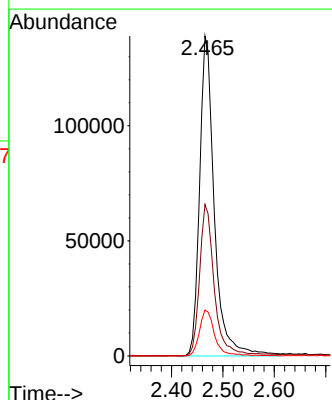
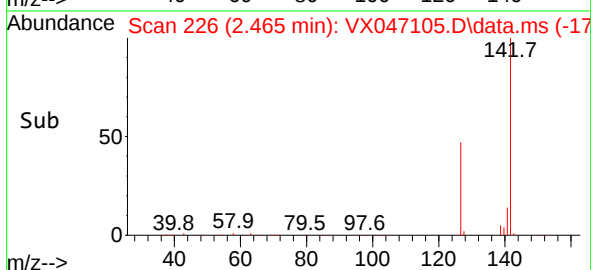
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

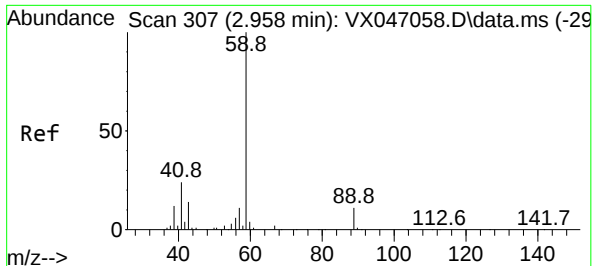


#10
Methyl Iodide
Concen: 71.619 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44



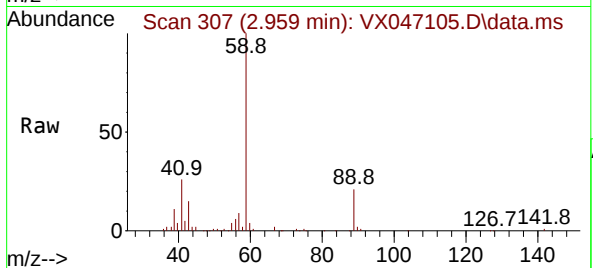
Tgt Ion:142 Resp: 277507
Ion Ratio Lower Upper
142 100
127 47.5 36.6 54.8
141 15.0 10.9 16.3





#11
Tert butyl alcohol
Concen: 229.392 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

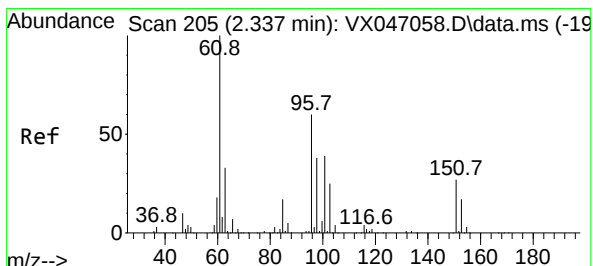
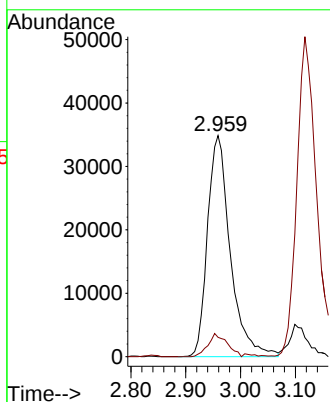
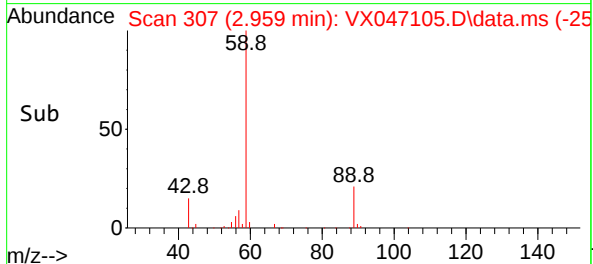
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



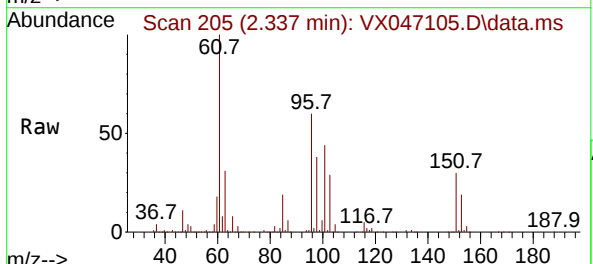
Tgt Ion: 59 Resp: 100463
Ion Ratio Lower Upper
59 100
57 8.7 8.5 12.7

Manual Integrations
APPROVED

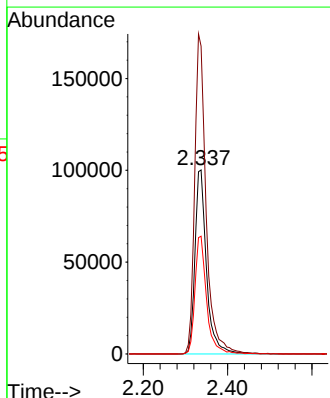
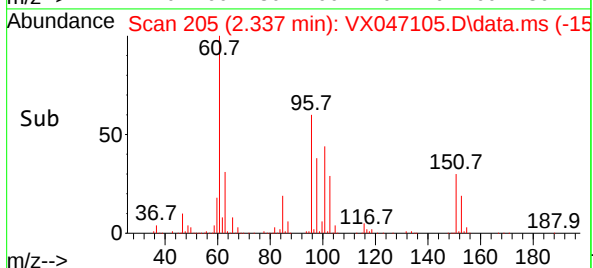
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

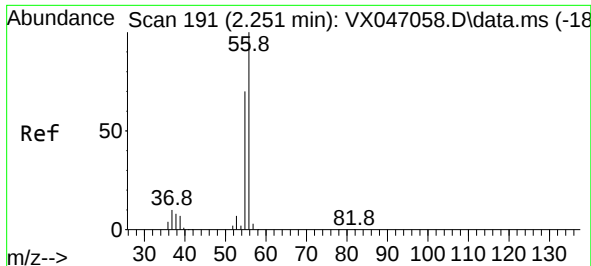


#12
1,1-Dichloroethene
Concen: 50.900 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44



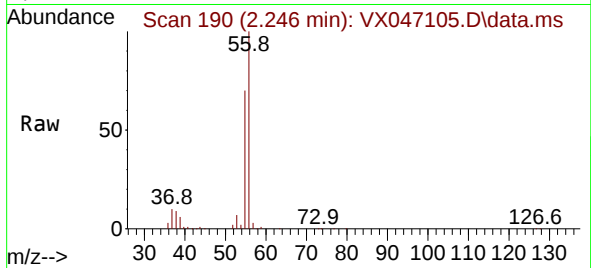
Tgt Ion: 96 Resp: 191671
Ion Ratio Lower Upper
96 100
61 160.8 132.6 198.8
98 61.5 50.2 75.4





#13
Acrolein
Concen: 344.613 ug/l
RT: 2.246 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

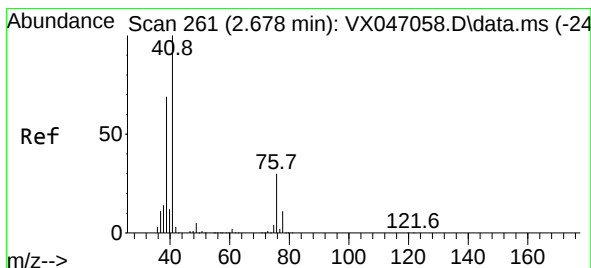
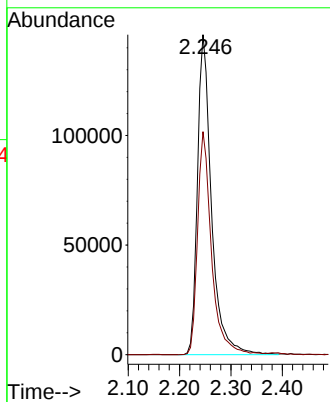
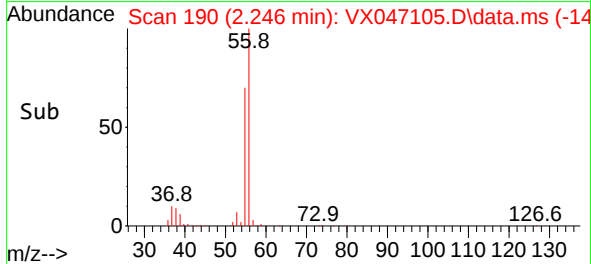
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 27696
Ion Ratio Lower Upper
56 100
55 69.4 55.7 83.5

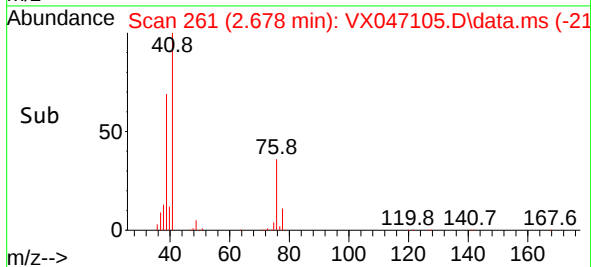
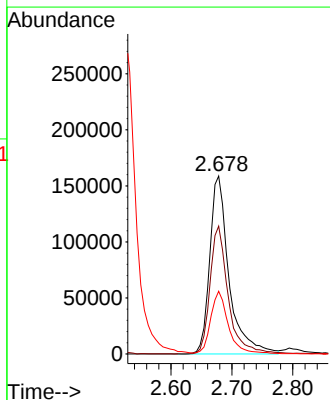
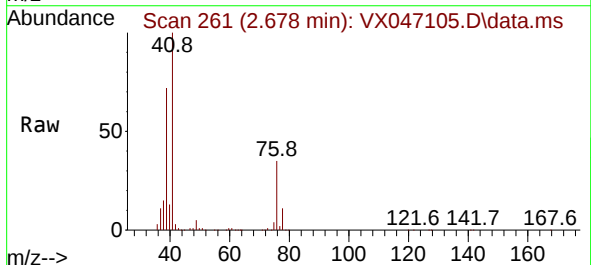
Manual Integrations
APPROVED

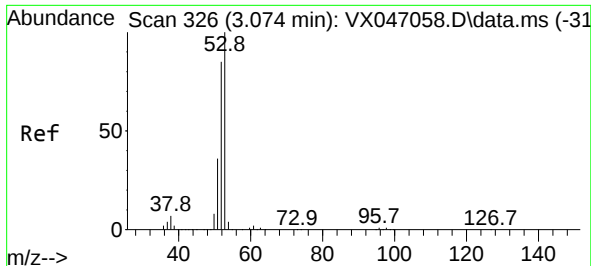
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#14
Allyl chloride
Concen: 51.248 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

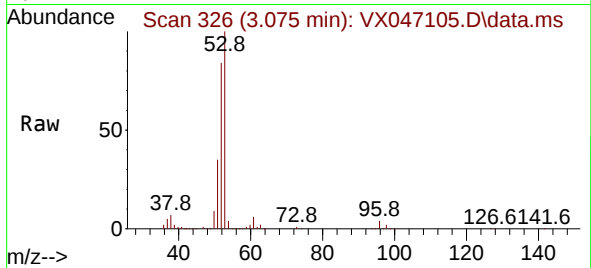
Tgt Ion: 41 Resp: 348840
Ion Ratio Lower Upper
41 100
39 68.4 52.6 78.8
76 32.6 25.7 38.5





#15
Acrylonitrile
Concen: 241.680 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

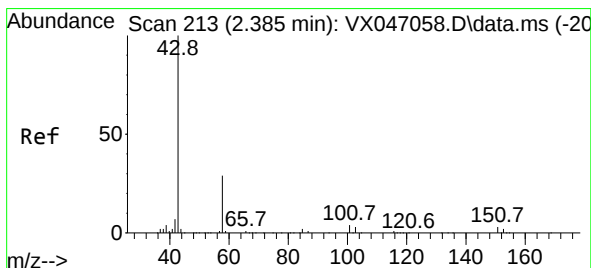
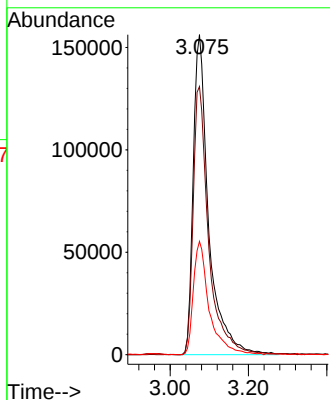
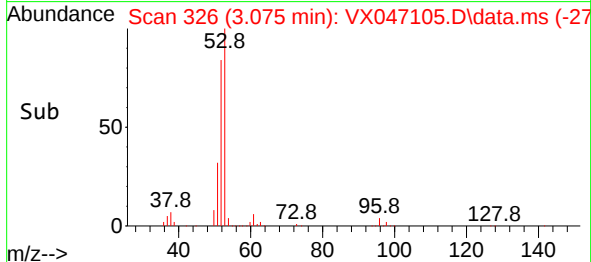
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 430229
Ion Ratio Lower Upper
53 100
52 83.7 65.7 98.5
51 36.4 28.8 43.2

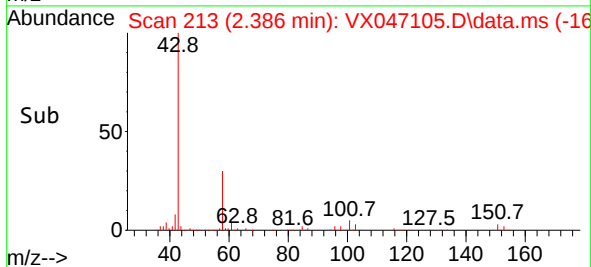
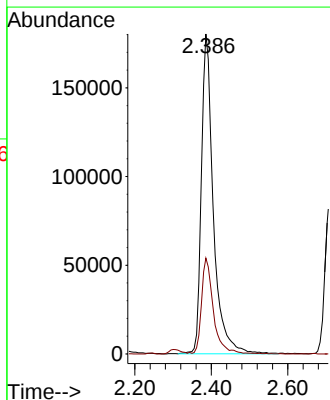
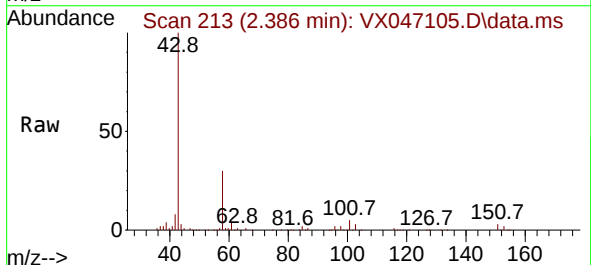
Manual Integrations
APPROVED

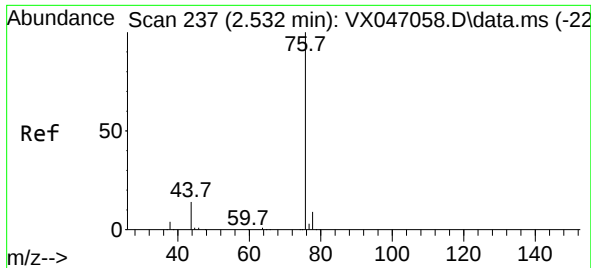
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#16
Acetone
Concen: 262.093 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

Tgt Ion: 43 Resp: 391900
Ion Ratio Lower Upper
43 100
58 29.9 24.0 36.0





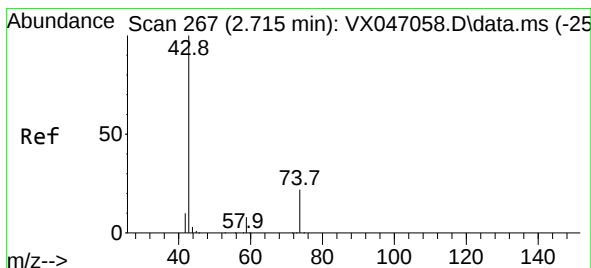
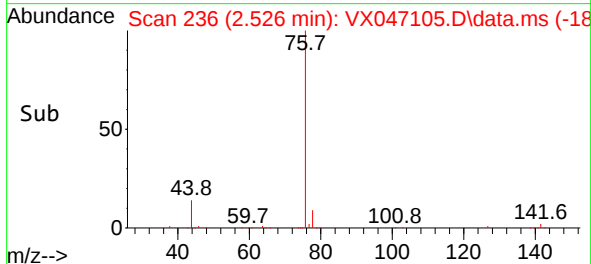
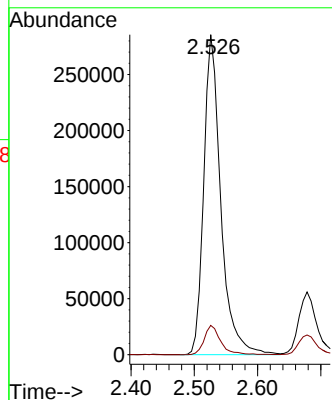
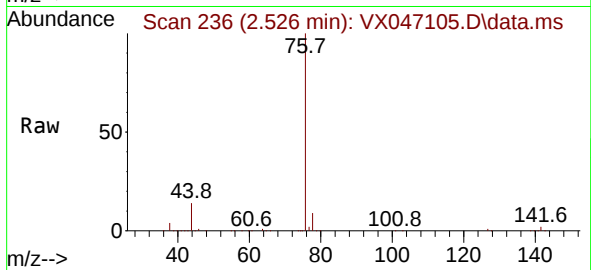
#17
Carbon Disulfide
Concen: 49.242 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 53642
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4

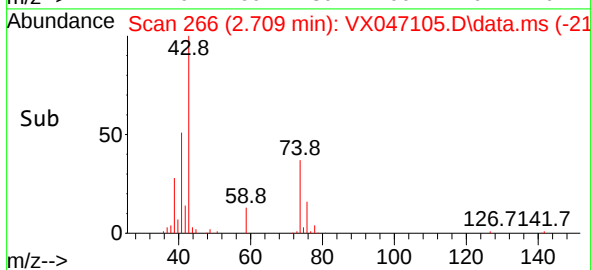
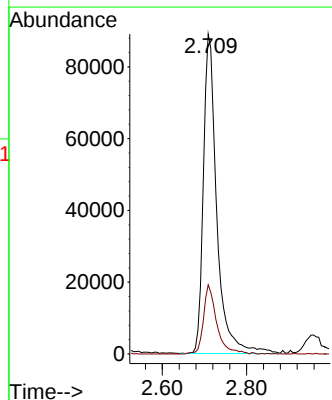
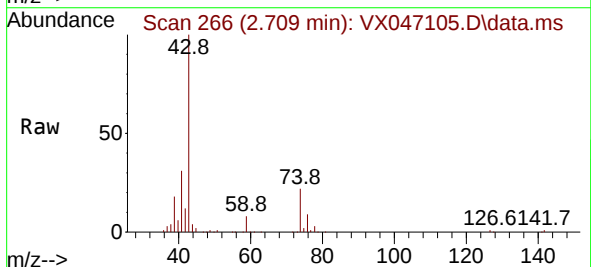
Manual Integrations
APPROVED

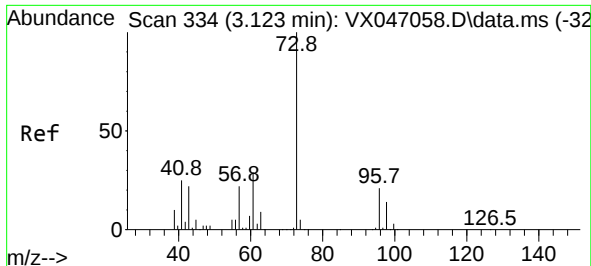
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#18
Methyl Acetate
Concen: 49.643 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

Tgt Ion: 43 Resp: 197262
Ion Ratio Lower Upper
43 100
74 21.2 17.7 26.5





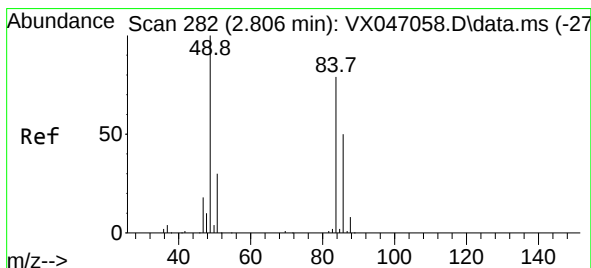
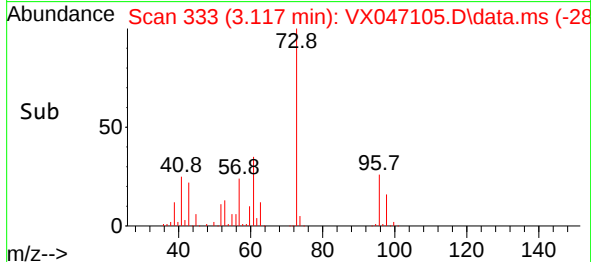
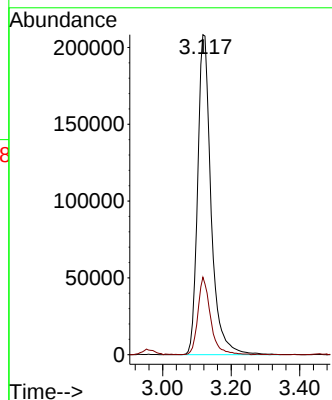
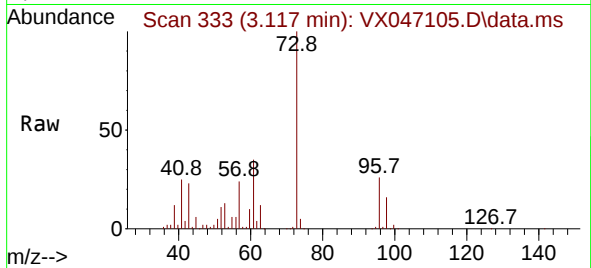
#19
Methyl tert-butyl Ether
Concen: 49.549 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 56784
Ion Ratio Lower Upper
73 100
57 24.2 17.7 26.5

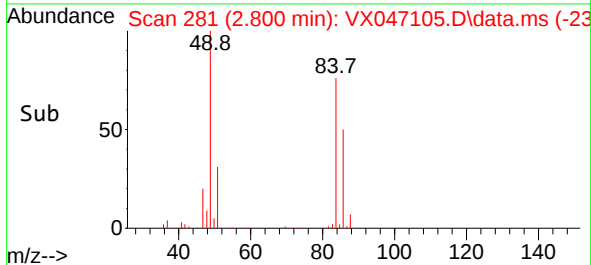
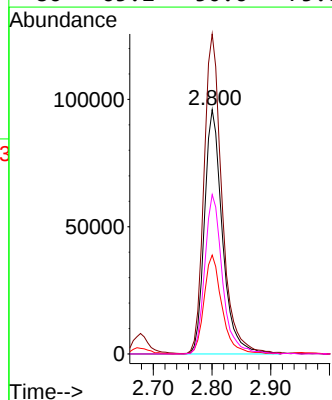
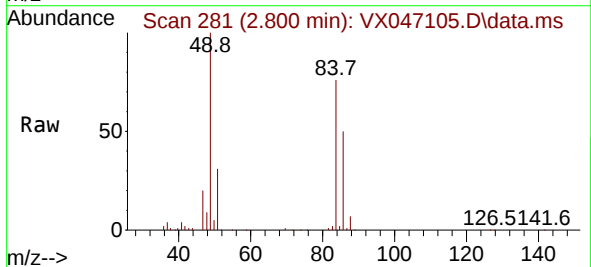
Manual Integrations
APPROVED

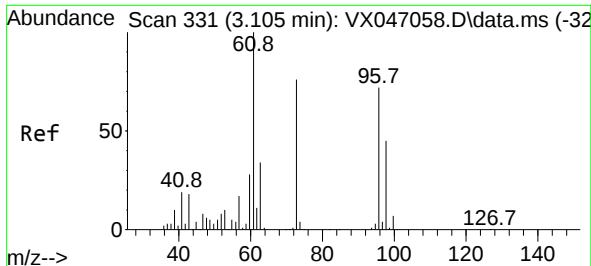
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#20
Methylene Chloride
Concen: 49.551 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

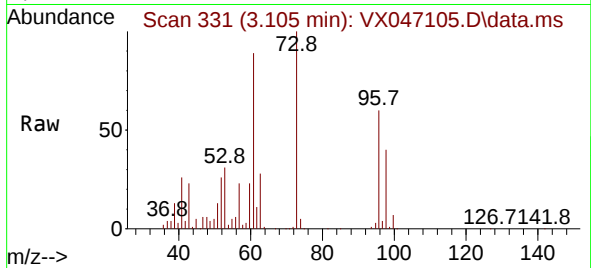
Tgt Ion: 84 Resp: 203836
Ion Ratio Lower Upper
84 100
49 130.8 101.6 152.4
51 40.4 30.3 45.5
86 65.2 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 50.019 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

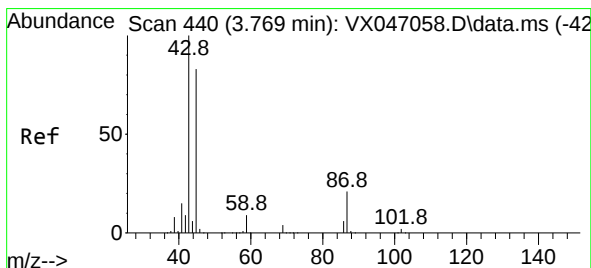
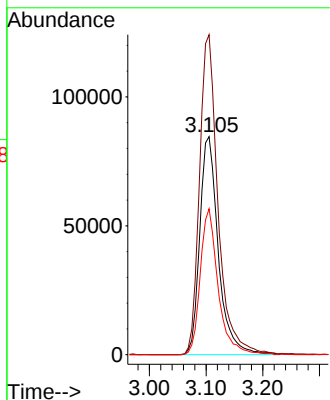
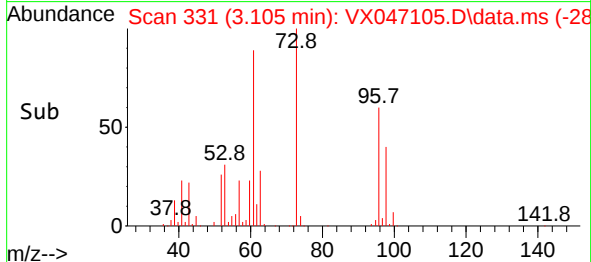
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



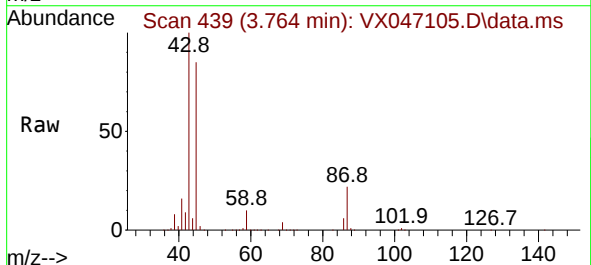
Tgt Ion: 96 Resp: 19274
Ion Ratio Lower Upper
96 100
61 146.8 111.1 166.7
98 66.9 49.6 74.4

Manual Integrations
APPROVED

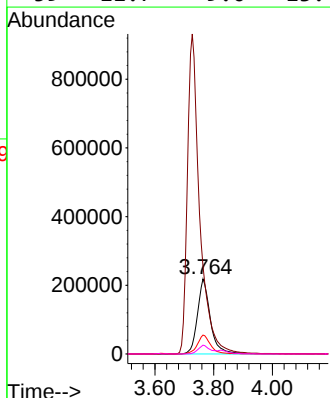
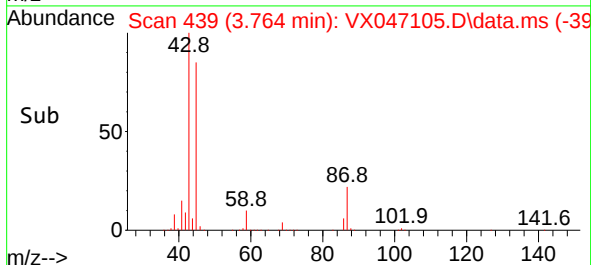
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

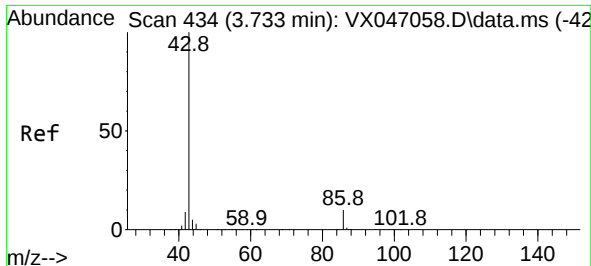


#22
Diisopropyl ether
Concen: 50.866 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44



Tgt Ion: 45 Resp: 665681
Ion Ratio Lower Upper
45 100
43 116.7 96.8 145.2
87 25.2 20.5 30.7
59 11.7 9.0 13.4





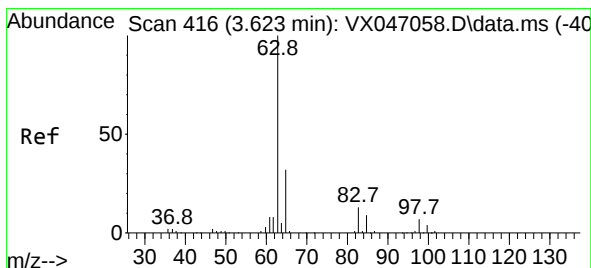
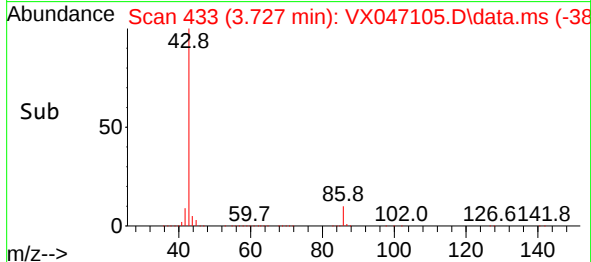
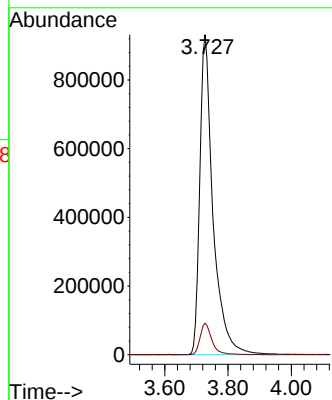
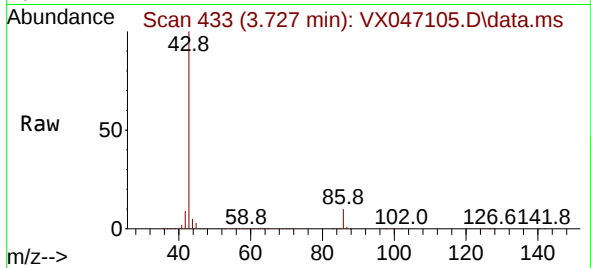
#23
 Vinyl Acetate
 Concen: 259.146 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX047105.D
 Acq: 24 Jul 2025 09:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 2720130
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.1 12.1

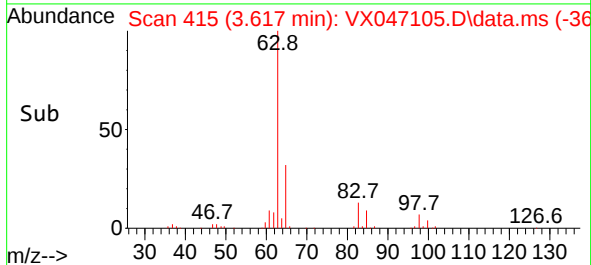
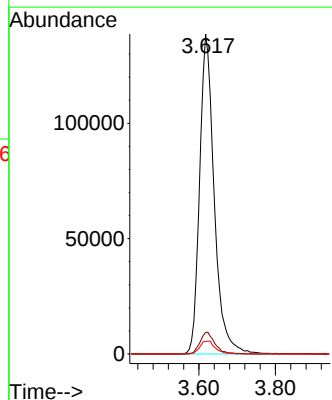
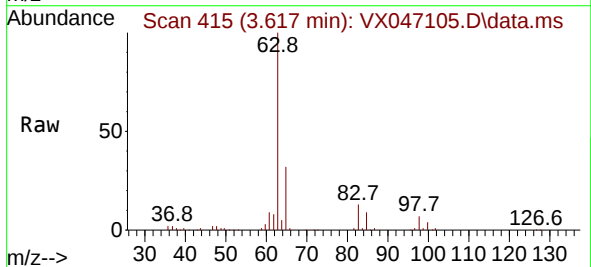
Manual Integrations
 APPROVED

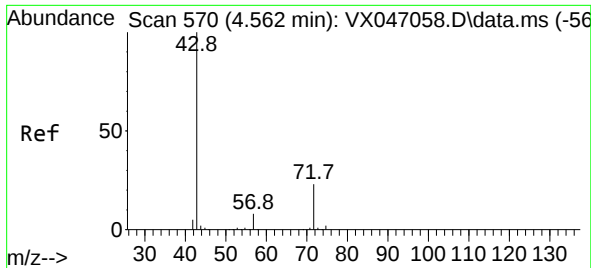
Reviewed By :John Carlone 07/25/2025
 Supervised By :Mahesh Dadoda 07/25/2025



#24
 1,1-Dichloroethane
 Concen: 50.518 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX047105.D
 Acq: 24 Jul 2025 09:44

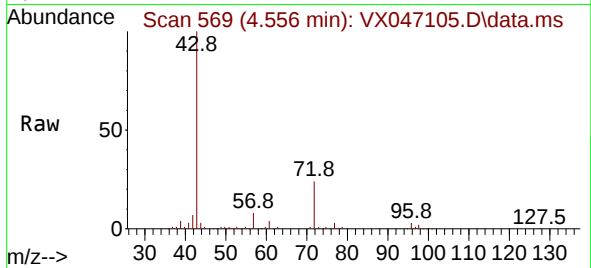
Tgt Ion: 63 Resp: 367631
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.8
 100 3.9 2.3 6.8





#25
2-Butanone
Concen: 237.523 ug/l
RT: 4.556 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

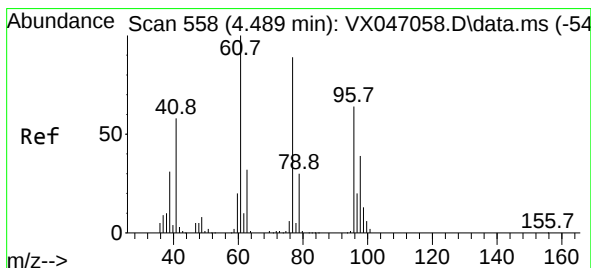
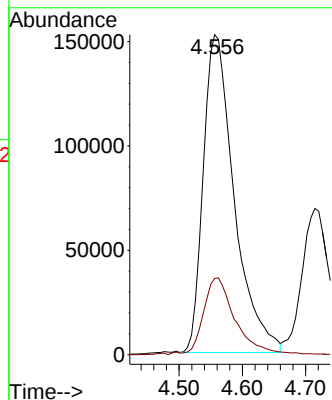
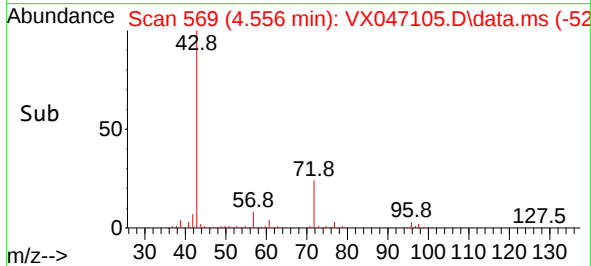
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 51714
Ion Ratio Lower Upper
43 100
72 23.3 18.8 28.2

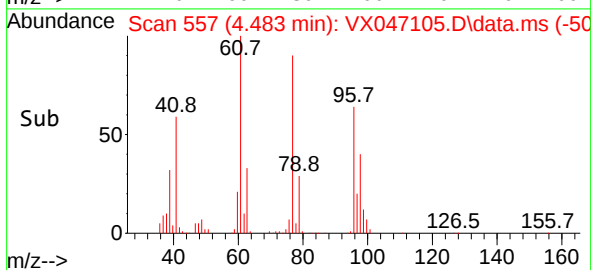
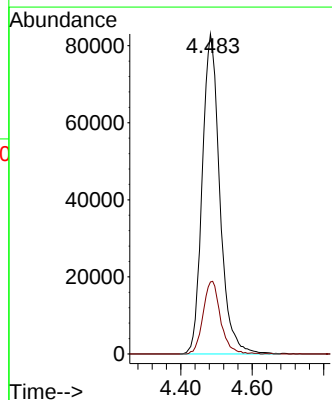
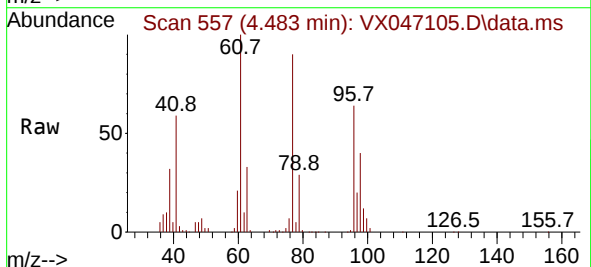
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#26
2,2-Dichloropropane
Concen: 50.188 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

Tgt Ion: 77 Resp: 282724
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 49.558 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX047105.D

Acq: 24 Jul 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 22613

Ion Ratio Lower Upper

96 100

61 148.8 0.0 298.6

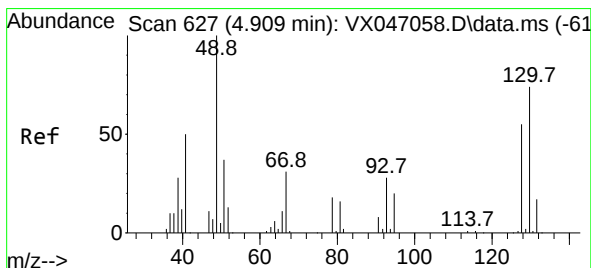
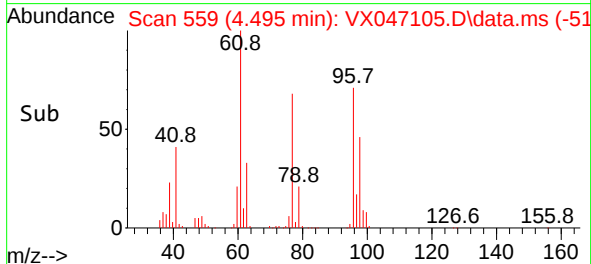
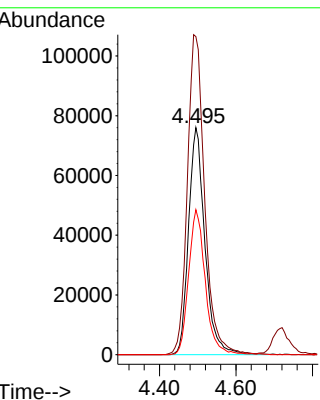
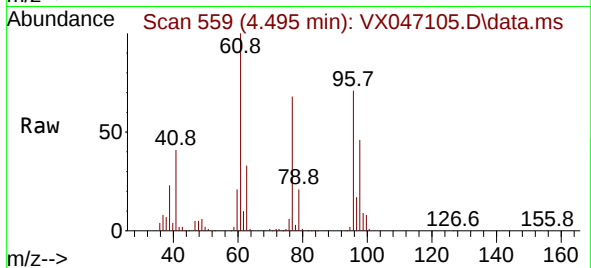
98 65.0 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2025

Supervised By :Mahesh Dadoda 07/25/2025



#28

Bromochloromethane

Concen: 56.852 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.012 min

Lab File: VX047105.D

Acq: 24 Jul 2025 09:44

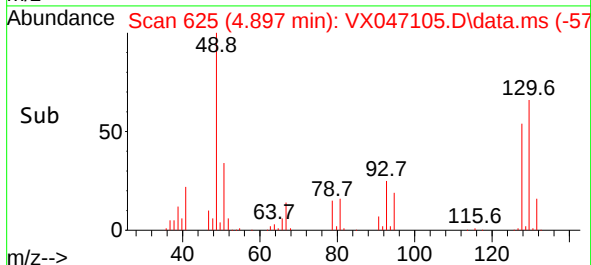
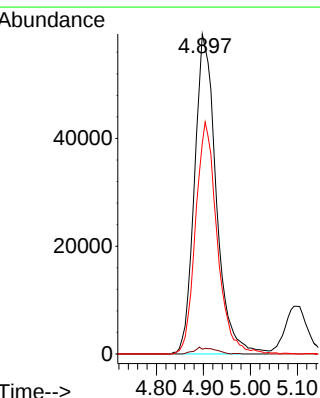
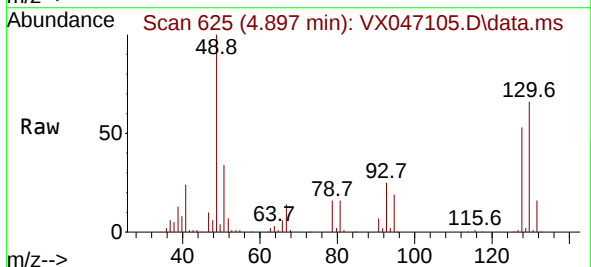
Tgt Ion: 49 Resp: 190341

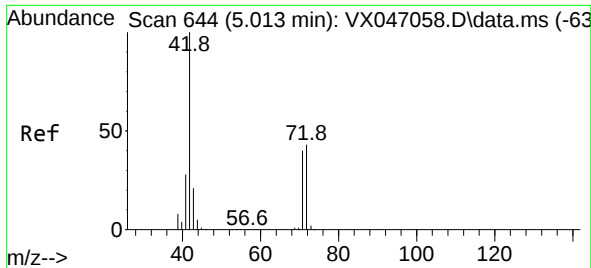
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

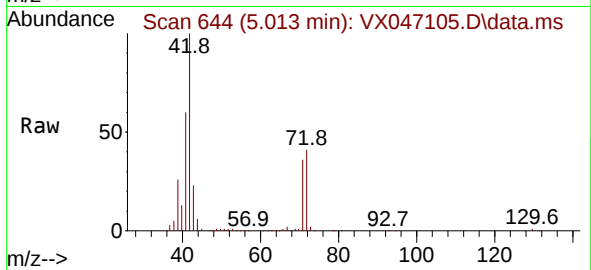
130 72.2 59.0 88.4





#29
Tetrahydrofuran
Concen: 226.232 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.000 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

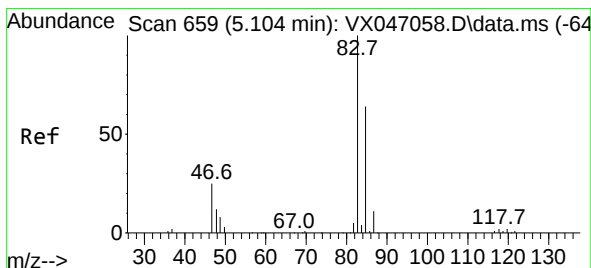
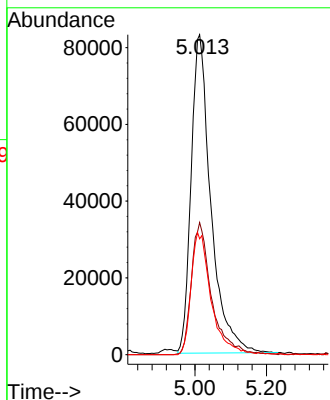
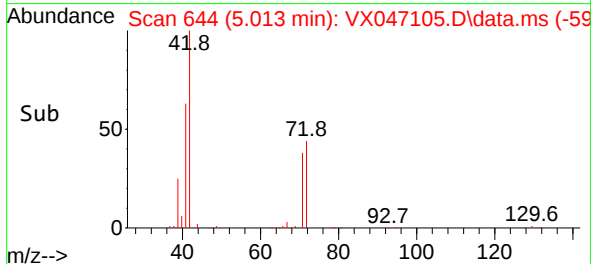
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 31780
Ion Ratio Lower Upper
42 100
72 42.6 33.7 50.5
71 38.8 31.0 46.4

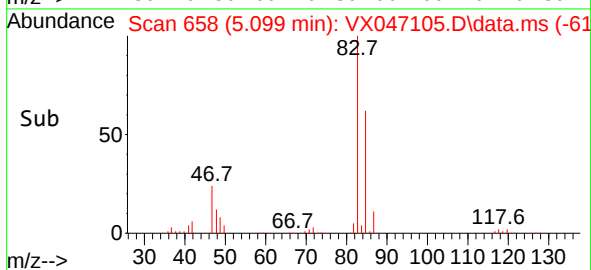
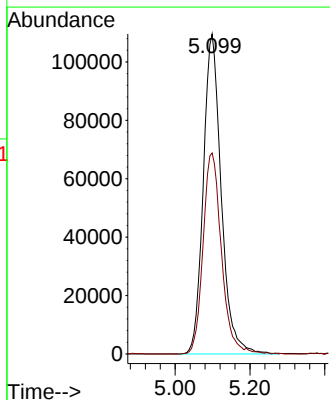
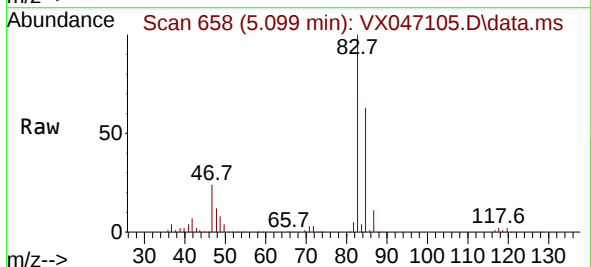
Manual Integrations
APPROVED

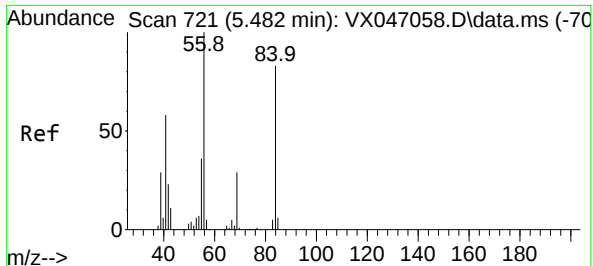
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#30
Chloroform
Concen: 49.254 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

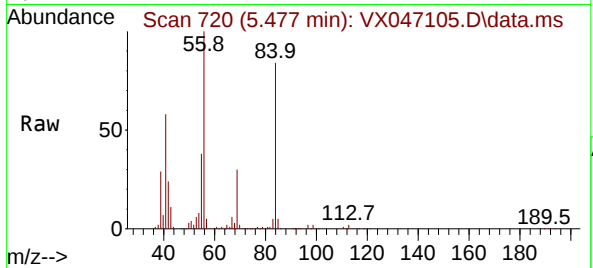
Tgt Ion: 83 Resp: 364860
Ion Ratio Lower Upper
83 100
85 62.8 50.9 76.3





#31
Cyclohexane
Concen: 47.700 ug/l
RT: 5.477 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

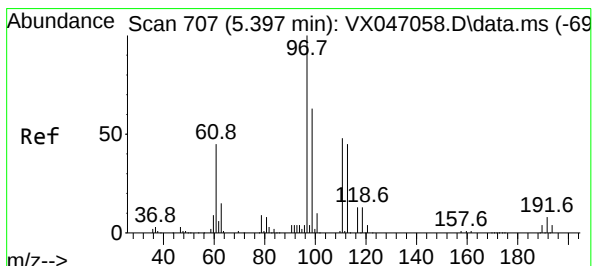
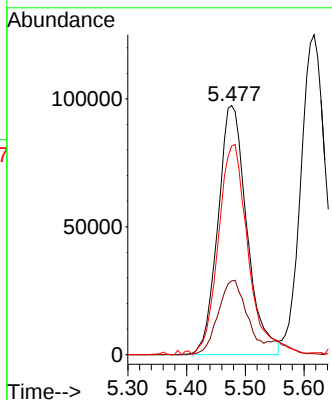
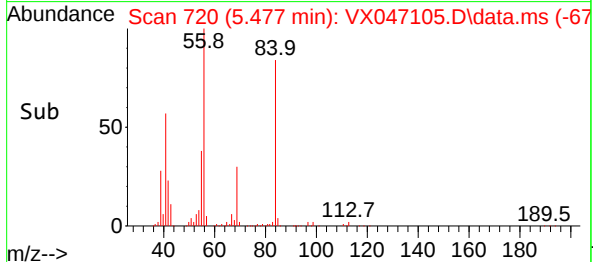
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 33284
Ion Ratio Lower Upper
56 100
69 29.2 23.3 34.9
84 82.0 66.5 99.7

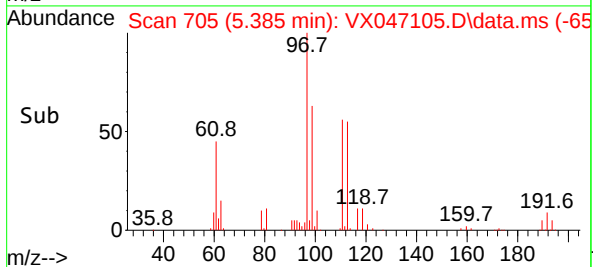
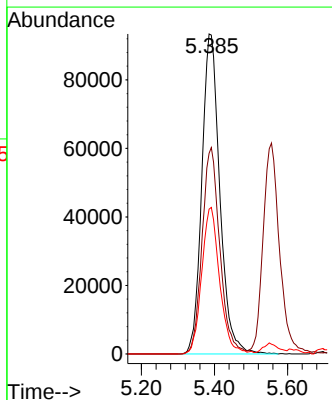
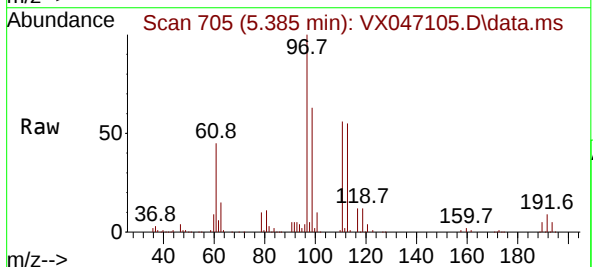
Manual Integrations
APPROVED

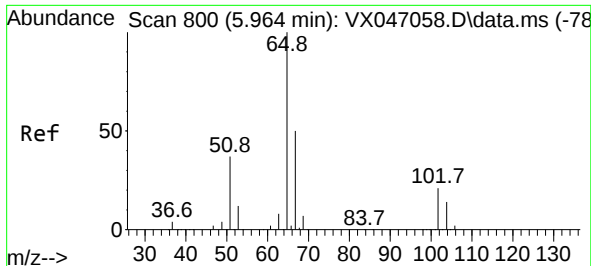
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#32
1,1,1-Trichloroethane
Concen: 49.617 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

Tgt Ion: 97 Resp: 319249
Ion Ratio Lower Upper
97 100
99 63.6 51.2 76.8
61 45.8 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 51.725 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX047105.D

Acq: 24 Jul 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 19306

Ion Ratio Lower Upper

65 100

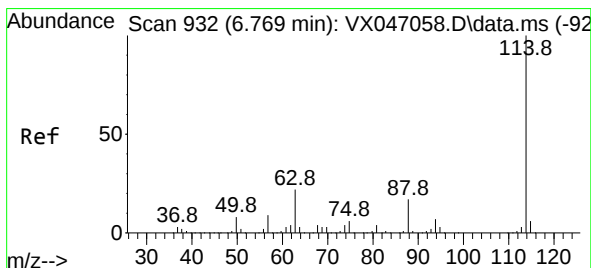
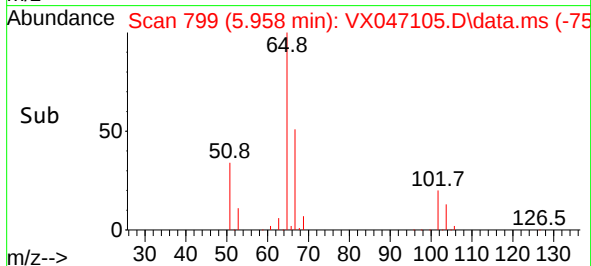
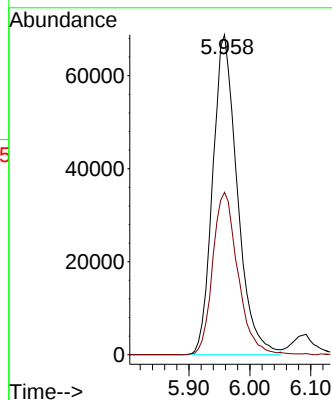
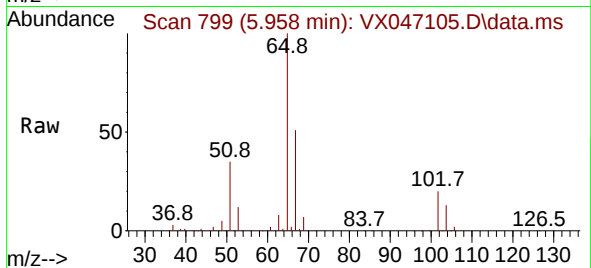
67 51.8 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2025

Supervised By :Mahesh Dadoda 07/25/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX047105.D

Acq: 24 Jul 2025 09:44

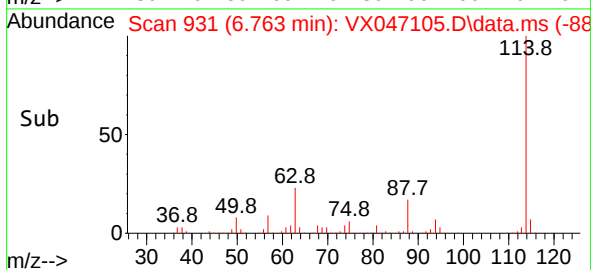
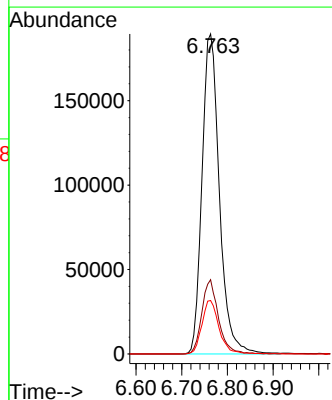
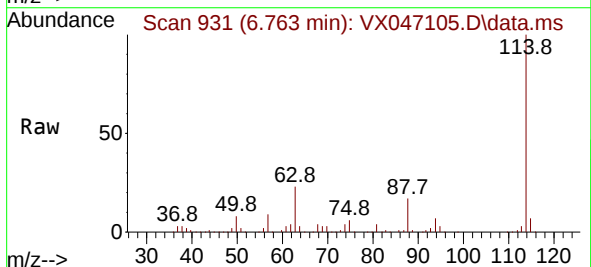
Tgt Ion:114 Resp: 500897

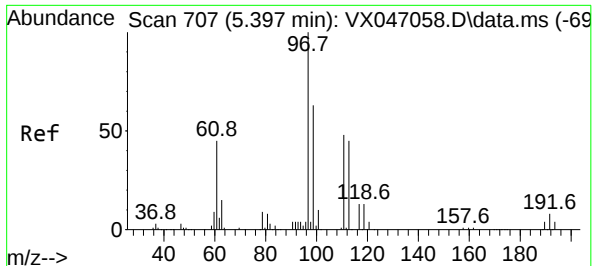
Ion Ratio Lower Upper

114 100

63 23.2 0.0 43.2

88 16.7 0.0 33.8





#35

Dibromofluoromethane

Concen: 54.186 ug/l

RT: 5.391 min Scan# 707

Delta R.T. -0.006 min

Lab File: VX047105.D

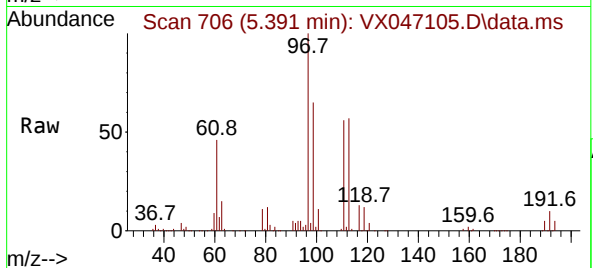
Acq: 24 Jul 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 113 Resp: 167580

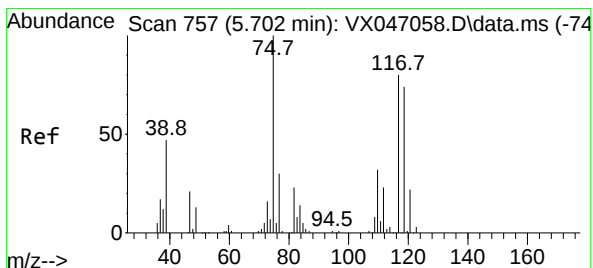
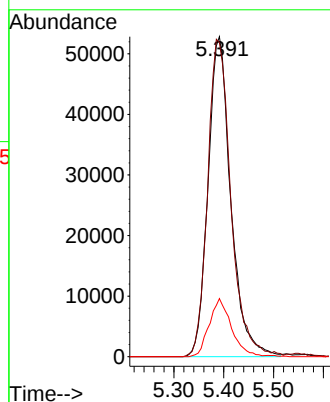
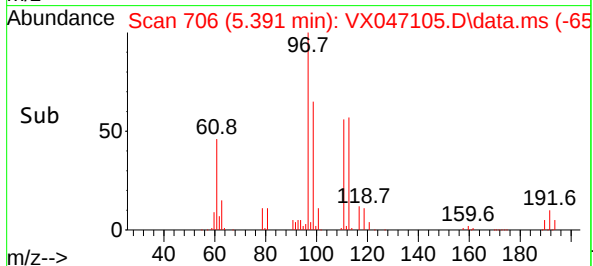
Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.6	124.0
192	17.7	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2025

Supervised By :Mahesh Dadoda 07/25/2025



#36

1,1-Dichloropropene

Concen: 49.021 ug/l

RT: 5.696 min Scan# 756

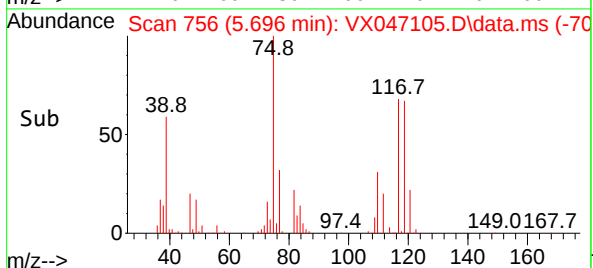
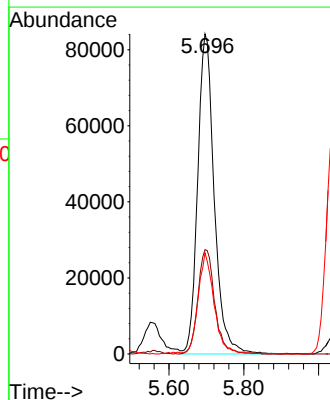
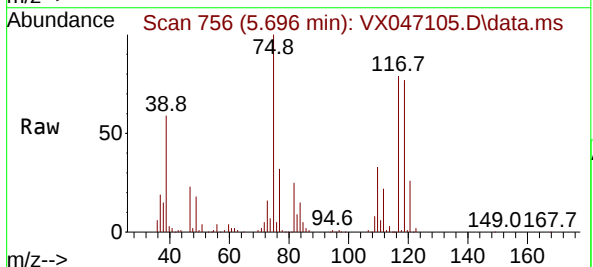
Delta R.T. -0.006 min

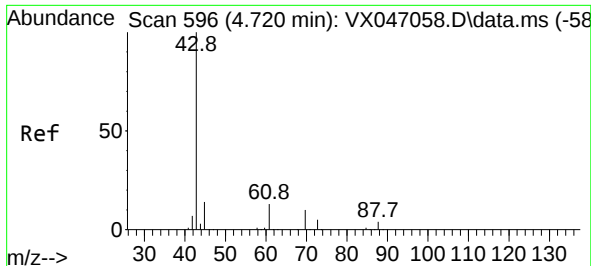
Lab File: VX047105.D

Acq: 24 Jul 2025 09:44

Tgt Ion: 75 Resp: 258430

Ion	Ratio	Lower	Upper
75	100		
110	33.2	17.2	51.5
77	30.5	25.1	37.7





#37

Ethyl Acetate

Concen: 46.527 ug/l

RT: 4.715 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX047105.D

Acq: 24 Jul 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

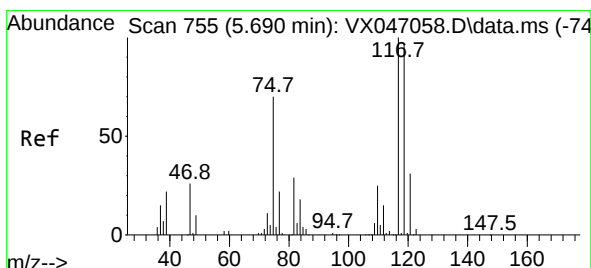
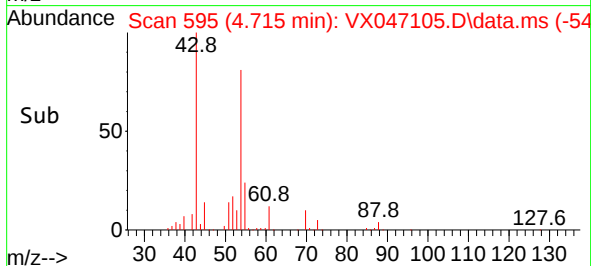
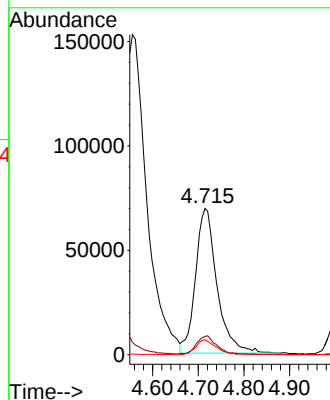
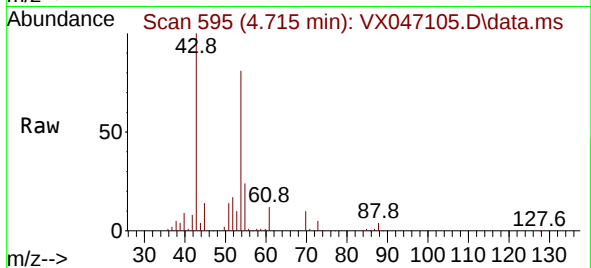
Tgt Ion: 43 Resp: 22601
 Ion Ratio Lower Upper
 43 100
 61 12.0 10.2 15.2
 70 9.7 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2025

Supervised By :Mahesh Dadoda 07/25/2025



#38

Carbon Tetrachloride

Concen: 49.025 ug/l

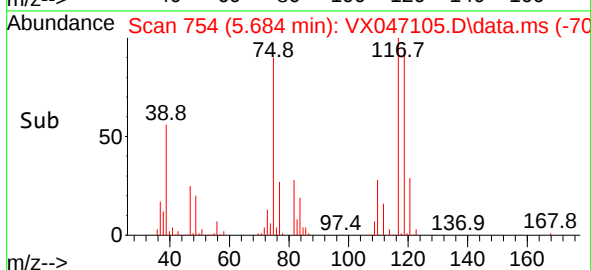
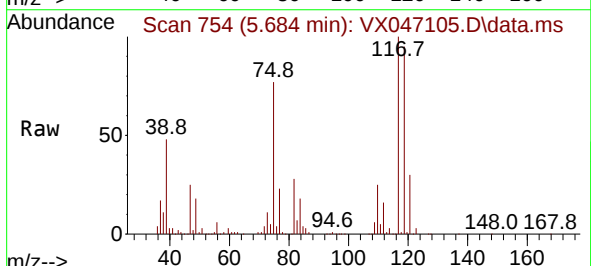
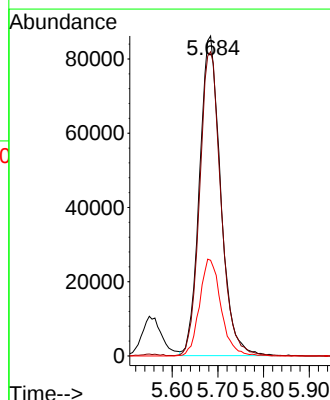
RT: 5.684 min Scan# 754

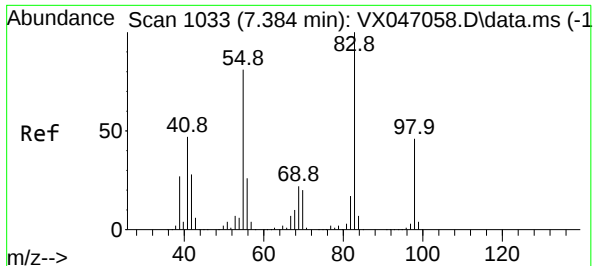
Delta R.T. -0.006 min

Lab File: VX047105.D

Acq: 24 Jul 2025 09:44

Tgt Ion:117 Resp: 275848
 Ion Ratio Lower Upper
 117 100
 119 95.0 76.6 115.0
 121 29.9 24.4 36.6





#39

Methylcyclohexane

Concen: 48.362 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX047105.D

Acq: 24 Jul 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 31832

Ion Ratio Lower Upper

83 100

55 82.5 64.5 96.7

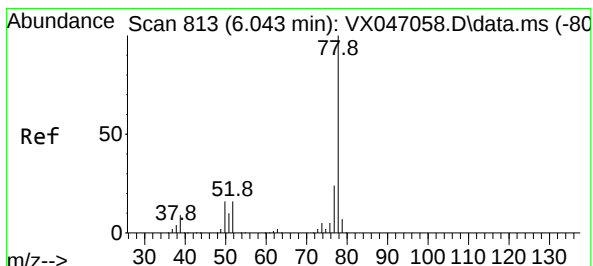
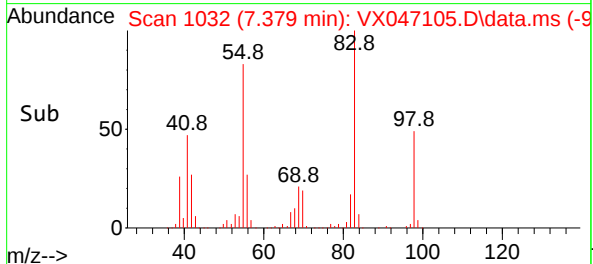
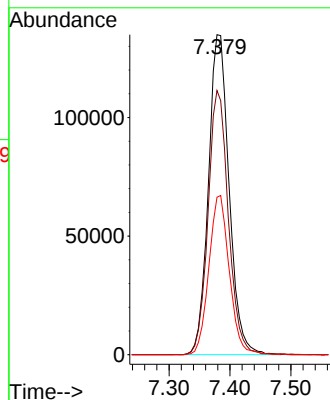
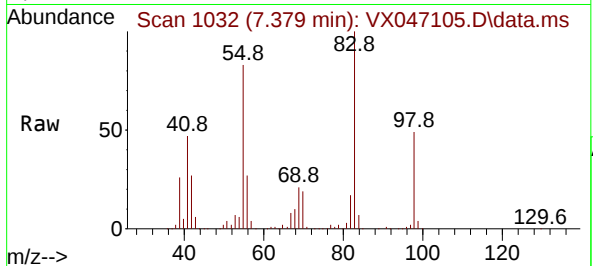
98 49.2 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2025

Supervised By :Mahesh Dadoda 07/25/2025



#40

Benzene

Concen: 49.421 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.000 min

Lab File: VX047105.D

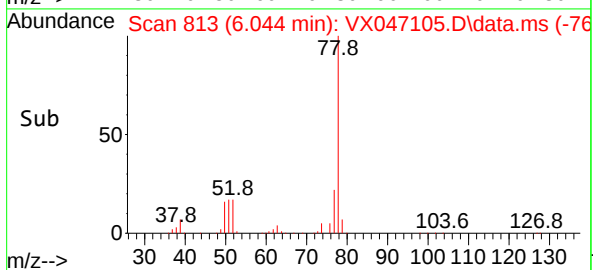
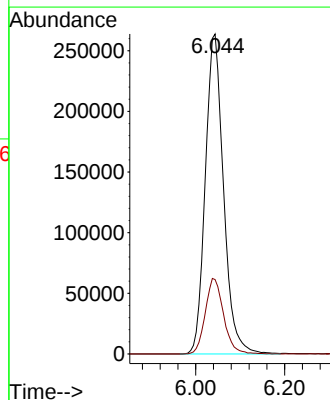
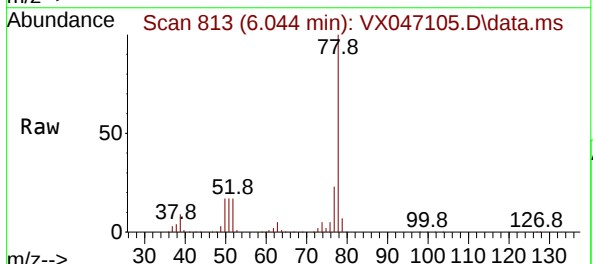
Acq: 24 Jul 2025 09:44

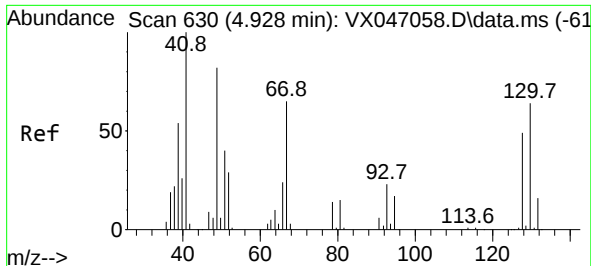
Tgt Ion: 78 Resp: 753989

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.4





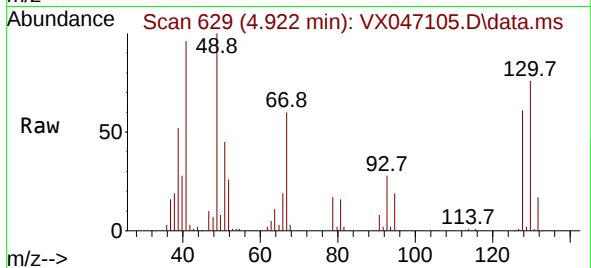
#41
Methacrylonitrile
Concen: 48.864 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



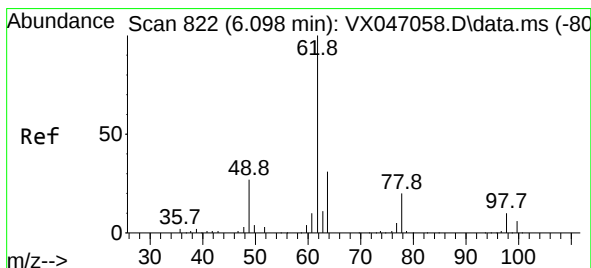
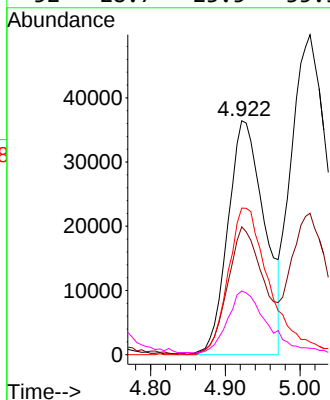
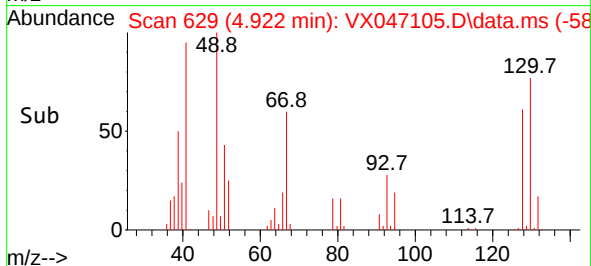
Tgt Ion: 41 Resp: 124110
Ion Ratio Lower Upper
41 100
39 54.6 44.2 66.2
67 71.9 56.4 84.6
52 28.7 23.5 35.3

Manual Integrations

APPROVED

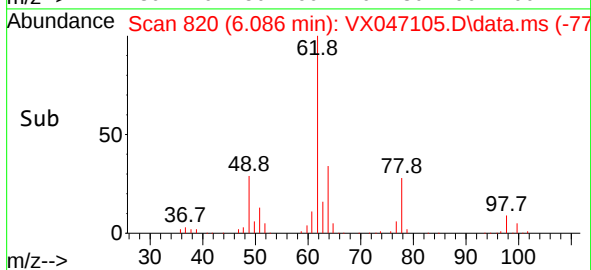
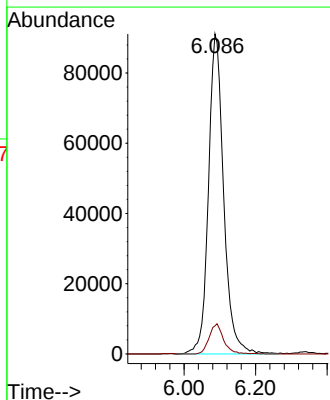
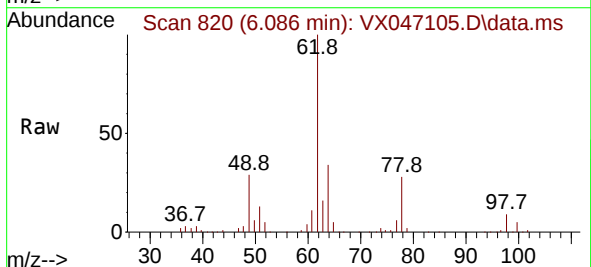
Reviewed By :John Carlone 07/25/2025

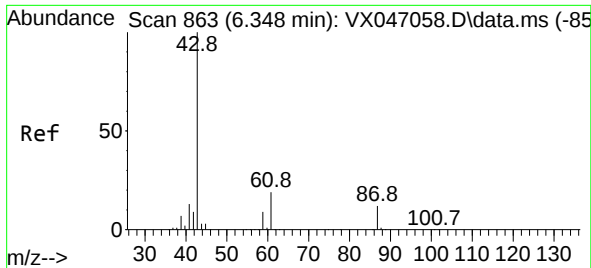
Supervised By :Mahesh Dadoda 07/25/2025



#42
1,2-Dichloroethane
Concen: 50.086 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

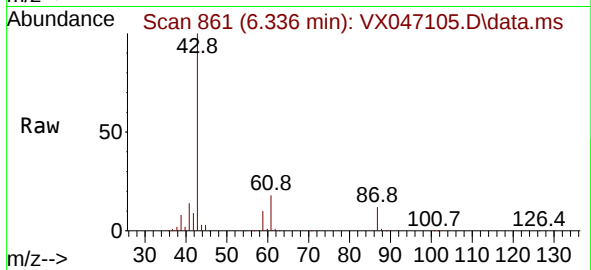
Tgt Ion: 62 Resp: 269177
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.8





#43
Isopropyl Acetate
Concen: 48.336 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.012 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

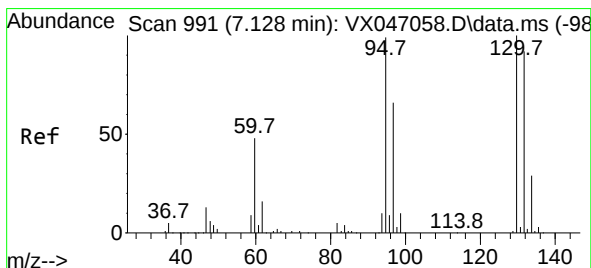
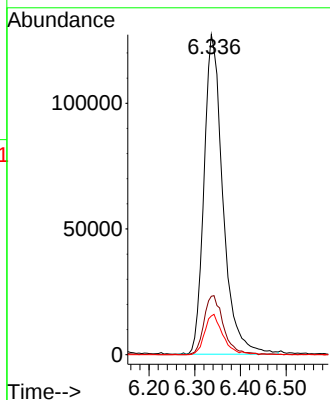
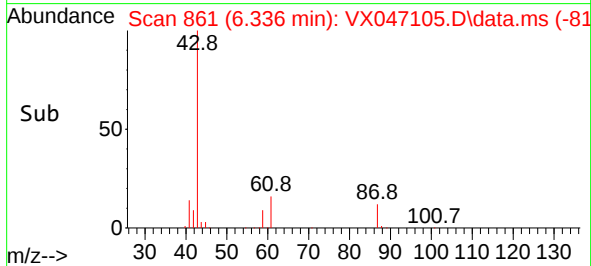
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 366049
Ion Ratio Lower Upper
43 100
61 18.9 15.1 22.7
87 12.3 9.7 14.5

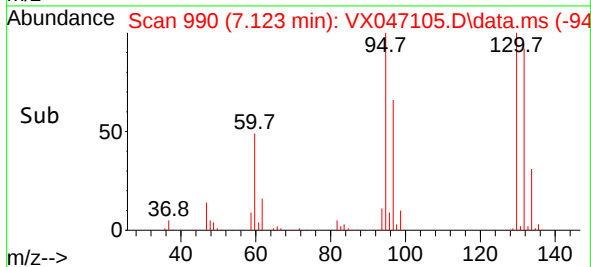
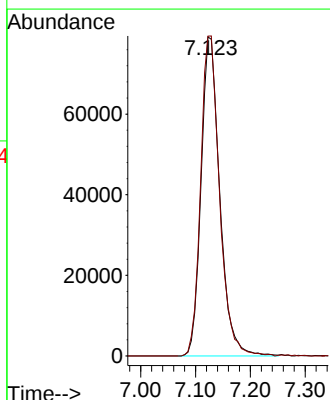
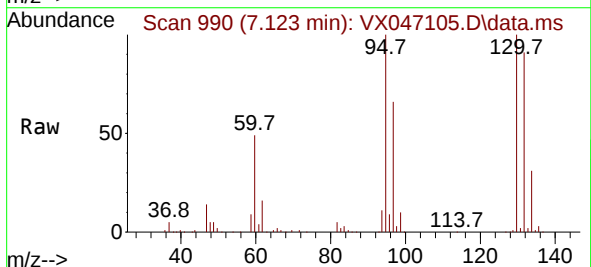
Manual Integrations
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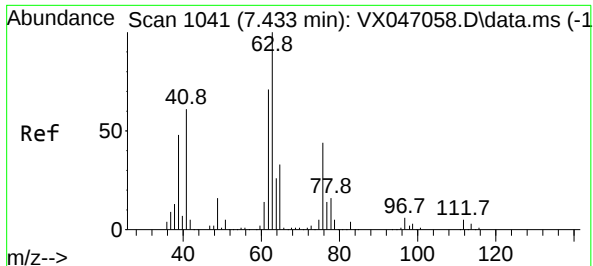
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#44
Trichloroethene
Concen: 47.827 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

Tgt Ion:130 Resp: 187111
Ion Ratio Lower Upper
130 100
95 100.3 0.0 198.6





#45

1,2-Dichloropropane

Concen: 48.795 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX047105.D

Acq: 24 Jul 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 18645

Ion Ratio Lower Upper

63 100

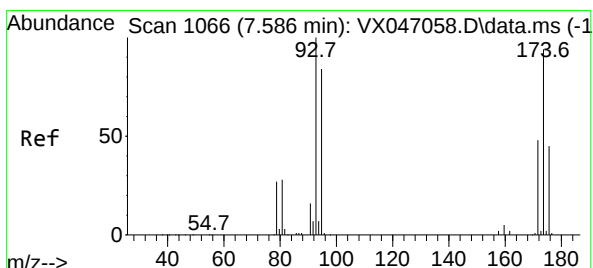
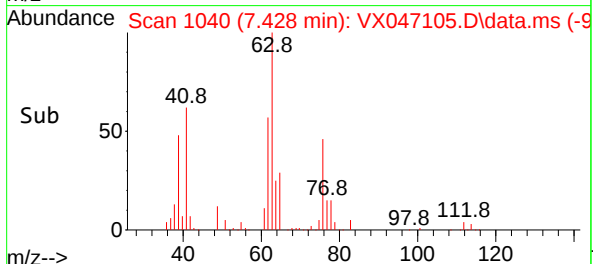
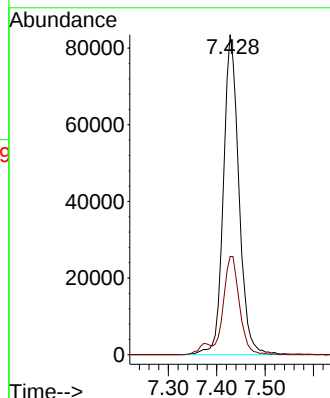
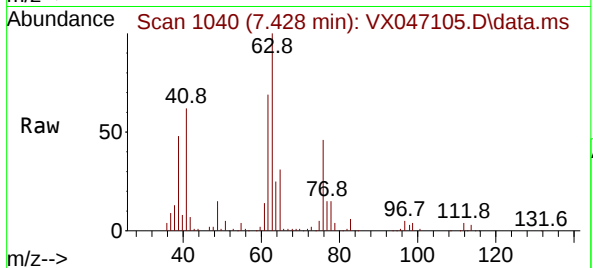
65 30.7 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2025

Supervised By :Mahesh Dadoda 07/25/2025



#46

Dibromomethane

Concen: 49.001 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX047105.D

Acq: 24 Jul 2025 09:44

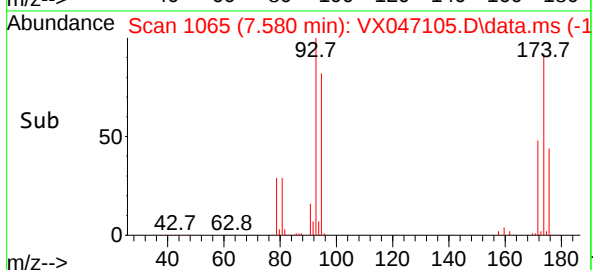
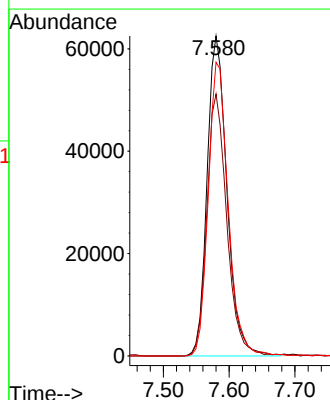
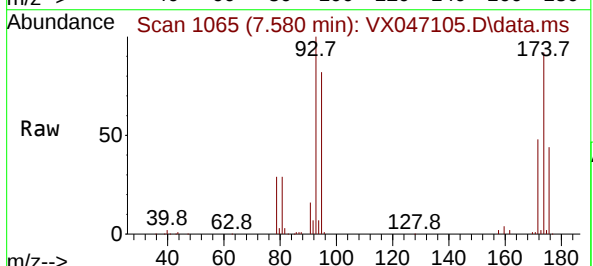
Tgt Ion: 93 Resp: 131302

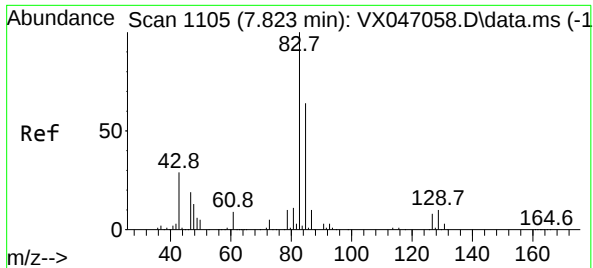
Ion Ratio Lower Upper

93 100

95 82.4 65.9 98.9

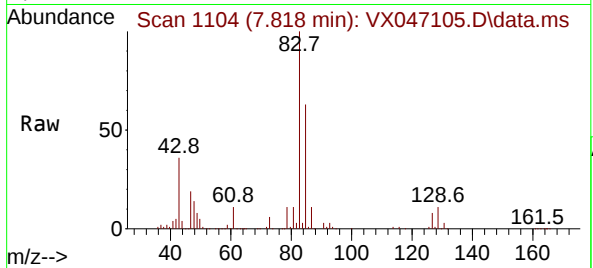
174 92.5 74.6 112.0





#47
Bromodichloromethane
Concen: 50.286 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

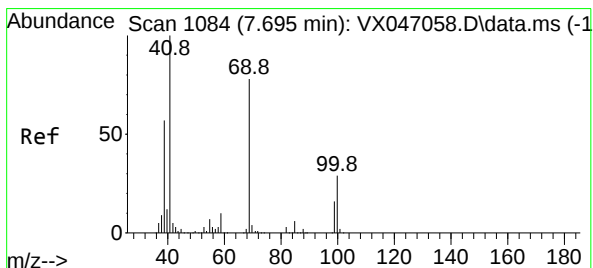
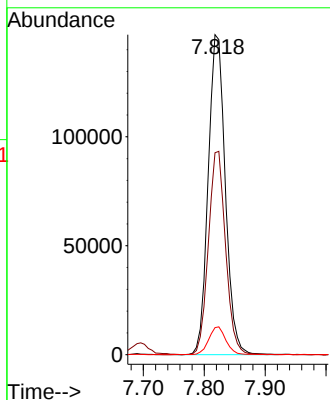
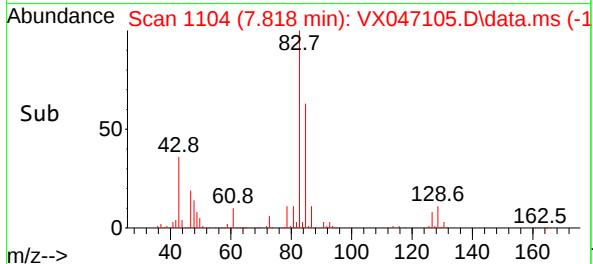
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 28680
Ion Ratio Lower Upper
83 100
85 63.1 49.9 74.9
127 8.5 6.6 10.0

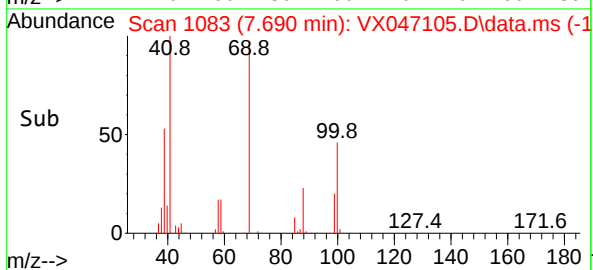
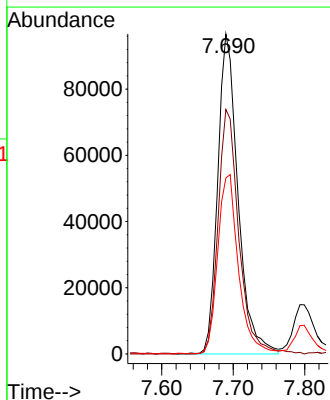
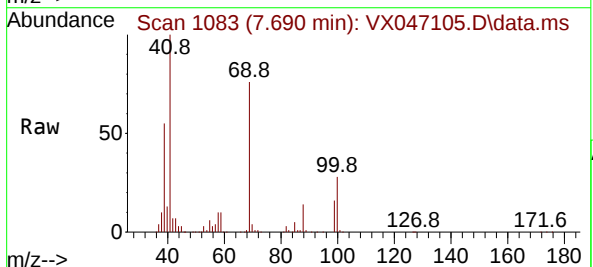
Manual Integrations
APPROVED

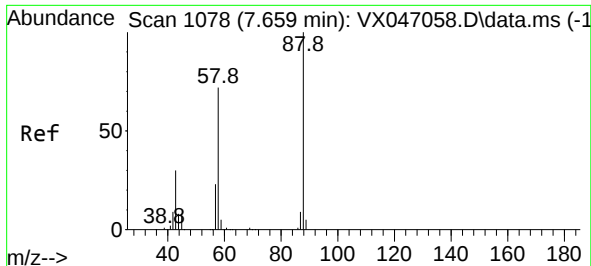
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#48
Methyl methacrylate
Concen: 46.275 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

Tgt Ion: 41 Resp: 190910
Ion Ratio Lower Upper
41 100
69 77.9 62.3 93.5
39 57.1 44.8 67.2





#49

1,4-Dioxane

Concen: 913.548 ug/l

RT: 7.684 min Scan# 1078

Delta R.T. 0.025 min

Lab File: VX047105.D

Acq: 24 Jul 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 42860

Ion Ratio Lower Upper

88 100

43 39.6 33.6 50.4

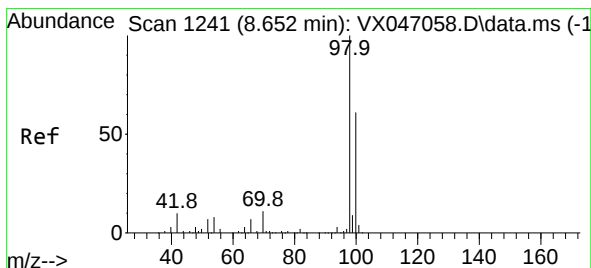
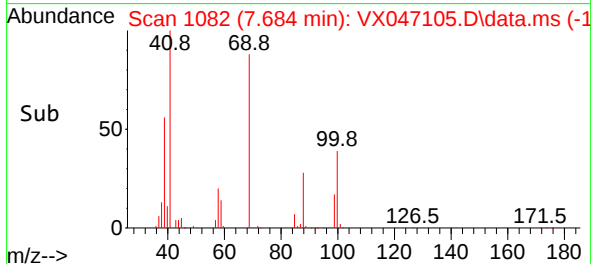
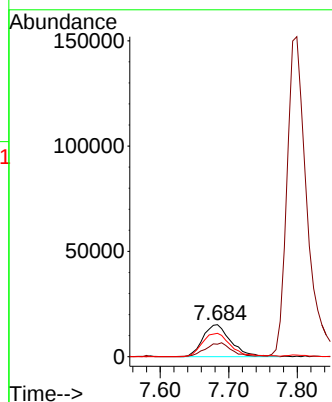
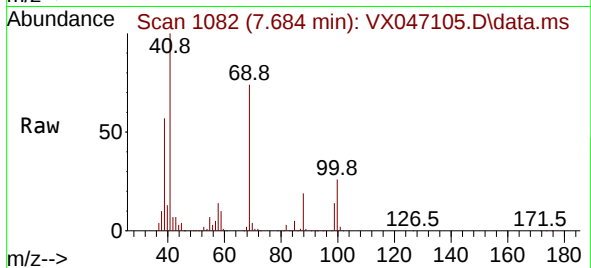
58 75.2 58.8 88.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2025

Supervised By :Mahesh Dadoda 07/25/2025



#50

Toluene-d8

Concen: 50.333 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX047105.D

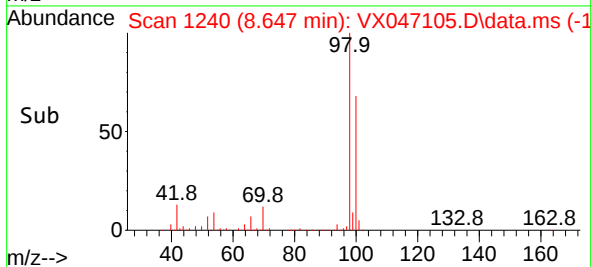
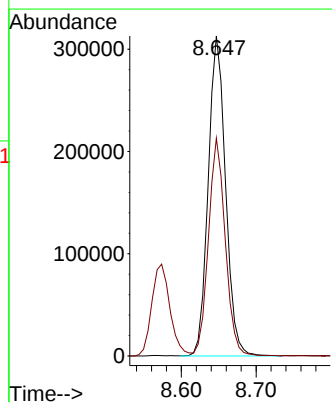
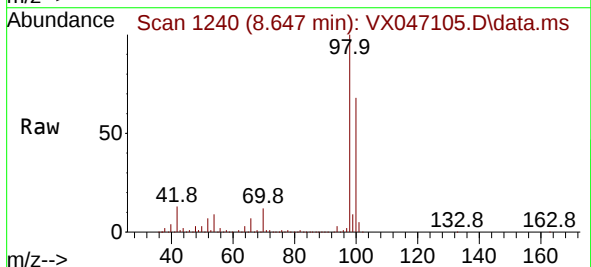
Acq: 24 Jul 2025 09:44

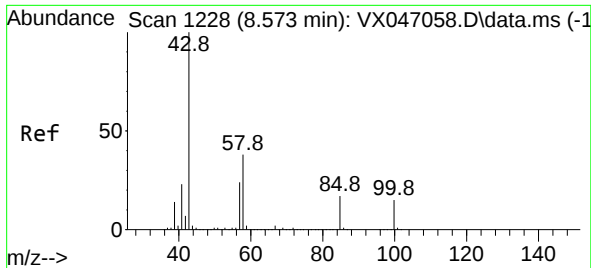
Tgt Ion: 98 Resp: 504116

Ion Ratio Lower Upper

98 100

100 66.0 53.3 79.9





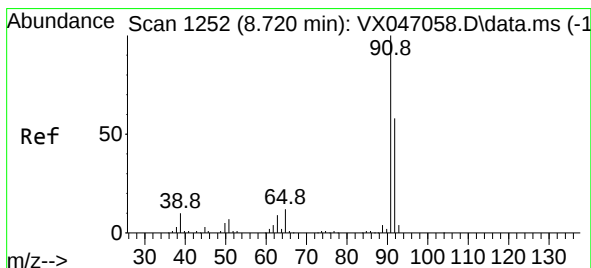
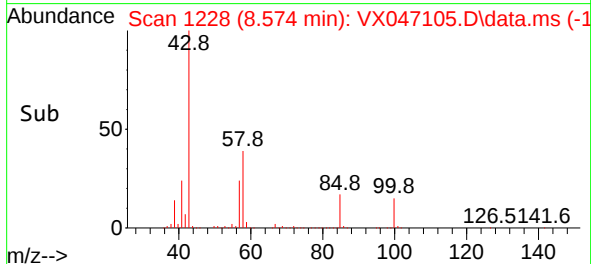
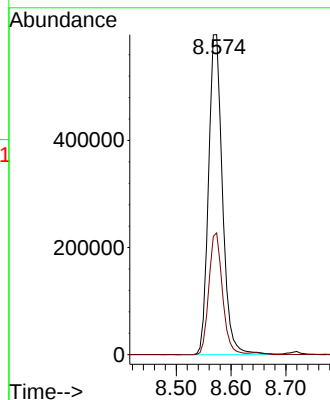
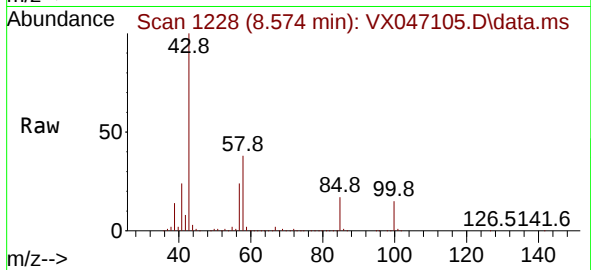
#51
4-Methyl-2-Pentanone
Concen: 233.479 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1050959
Ion Ratio Lower Upper
43 100
58 37.2 30.6 45.8

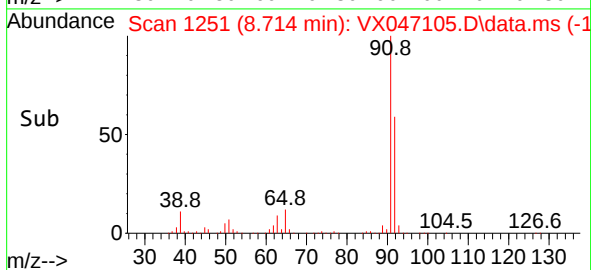
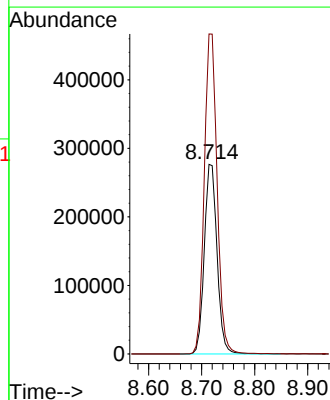
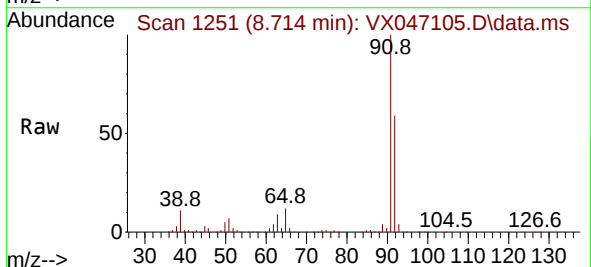
Manual Integrations
APPROVED

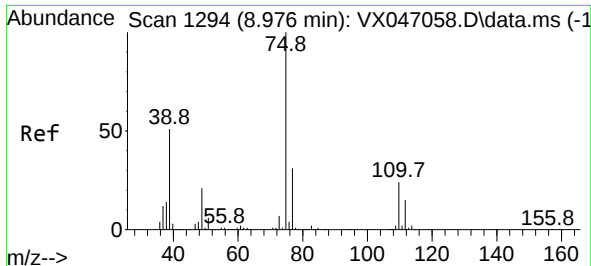
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#52
Toluene
Concen: 49.181 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

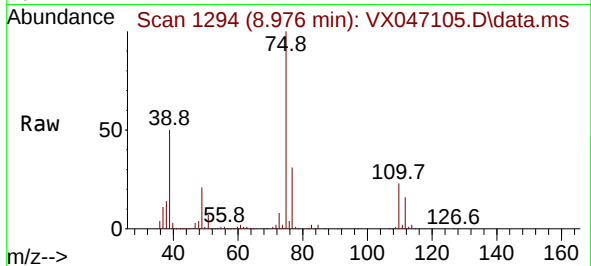
Tgt Ion: 92 Resp: 461365
Ion Ratio Lower Upper
92 100
91 169.8 137.9 206.9





#53
t-1,3-Dichloropropene
Concen: 48.838 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

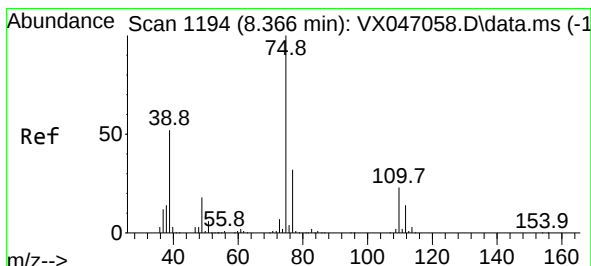
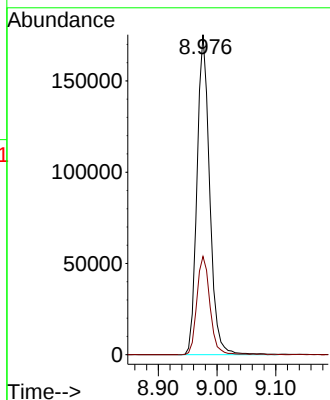
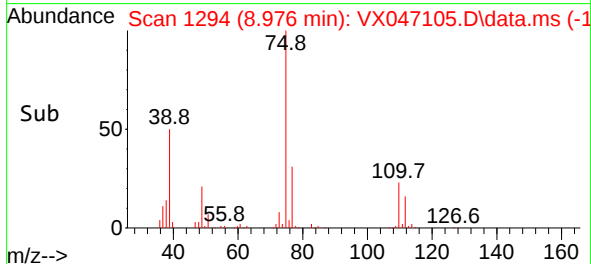
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



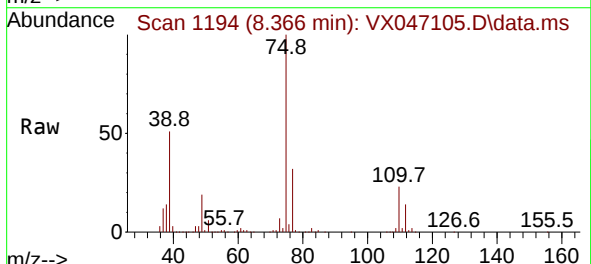
Tgt Ion: 75 Resp: 263035
Ion Ratio Lower Upper
75 100
77 30.7 24.5 36.7

Manual Integrations
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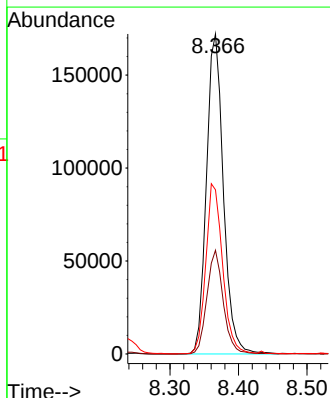
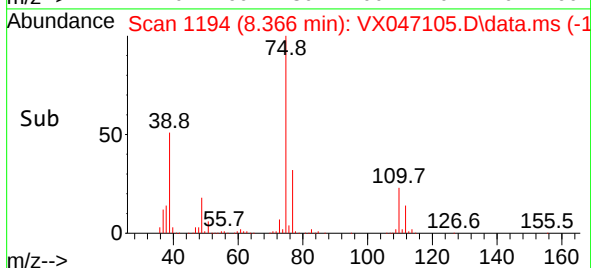
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

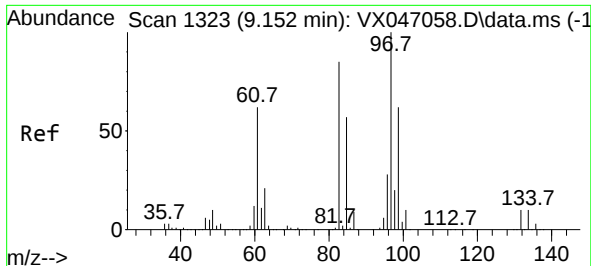


#54
cis-1,3-Dichloropropene
Concen: 50.270 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44



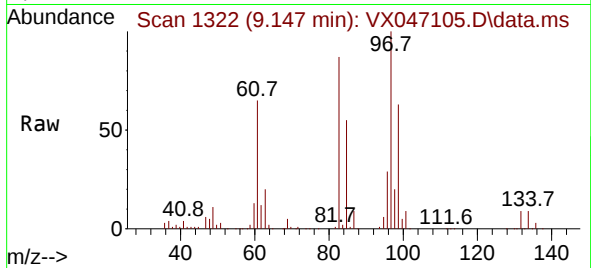
Tgt Ion: 75 Resp: 296329
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0
39 51.2 41.8 62.6





#55
1,1,2-Trichloroethane
Concen: 48.151 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

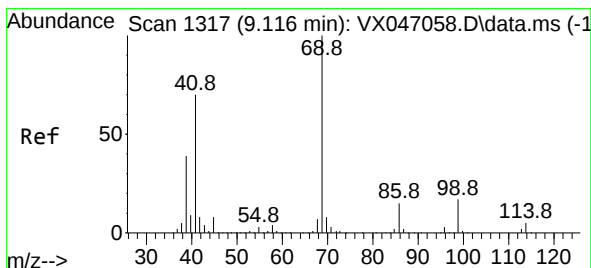
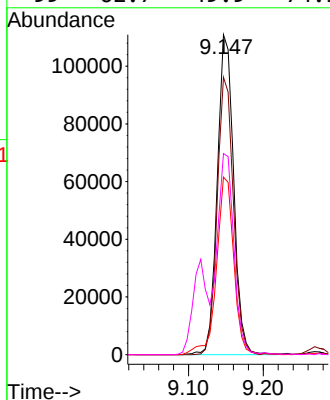
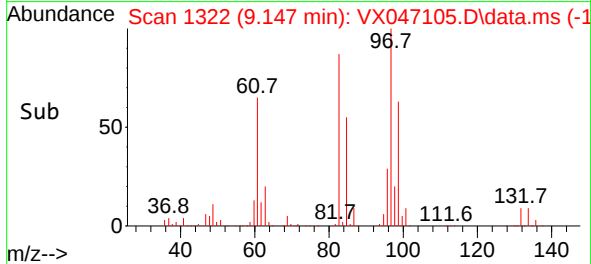
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



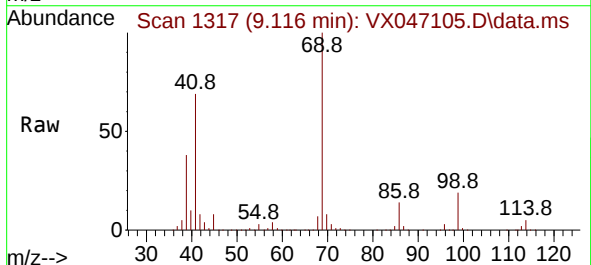
Tgt Ion: 97 Resp: 169399
Ion Ratio Lower Upper
97 100
83 86.7 68.0 102.0
85 55.4 45.2 67.8
99 62.7 49.9 74.9

Manual Integrations
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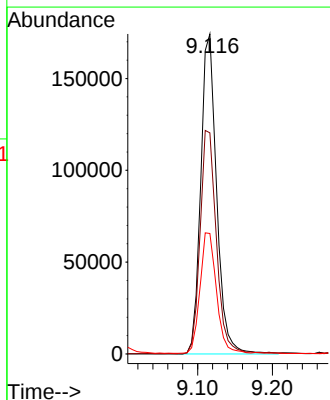
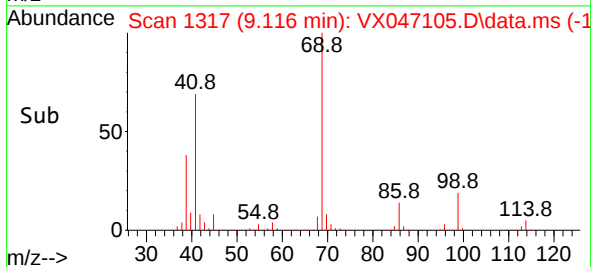
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

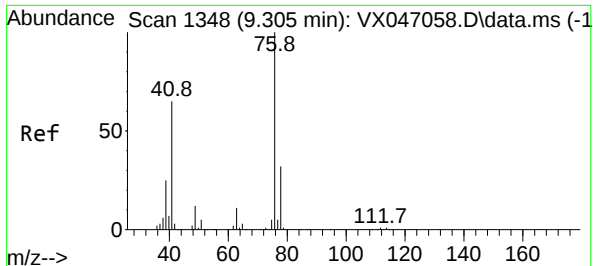


#56
Ethyl methacrylate
Concen: 49.464 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44



Tgt Ion: 69 Resp: 257621
Ion Ratio Lower Upper
69 100
41 72.1 56.1 84.1
39 38.8 31.1 46.7





#57

1,3-Dichloropropane

Concen: 48.183 ug/l

RT: 9.305 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VX047105.D

Acq: 24 Jul 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 29460

Ion Ratio Lower Upper

76 100

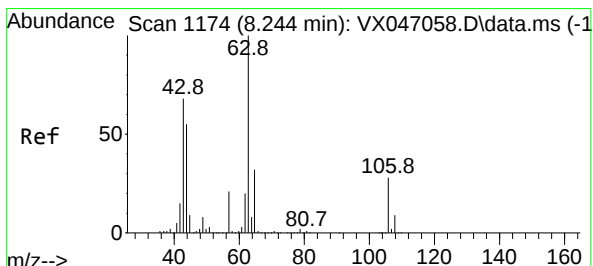
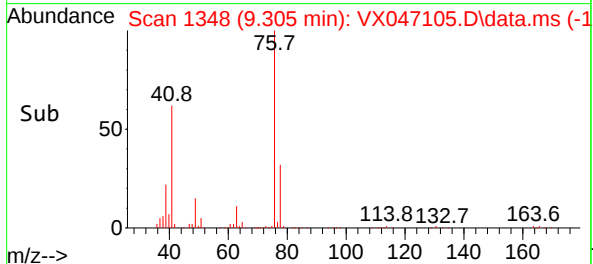
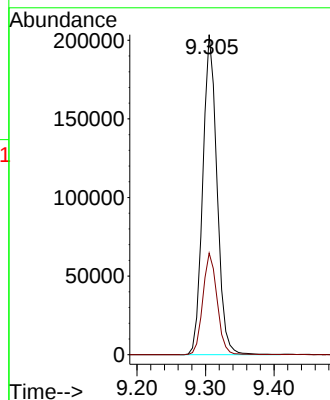
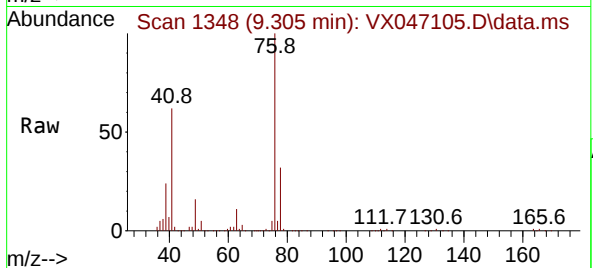
78 31.8 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2025

Supervised By :Mahesh Dadoda 07/25/2025



#58

2-Chloroethyl Vinyl ether

Concen: 205.910 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX047105.D

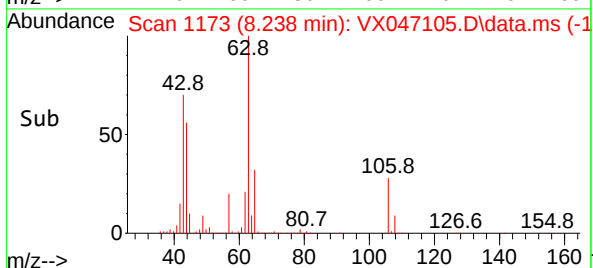
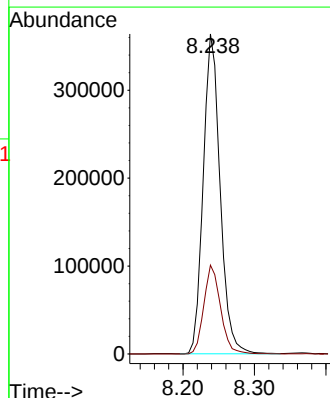
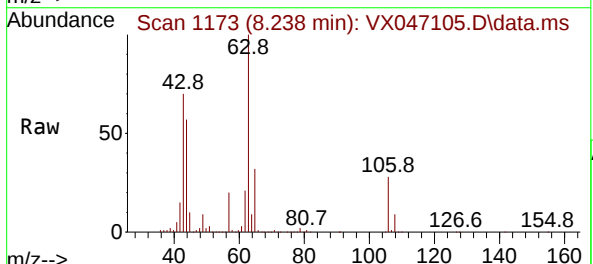
Acq: 24 Jul 2025 09:44

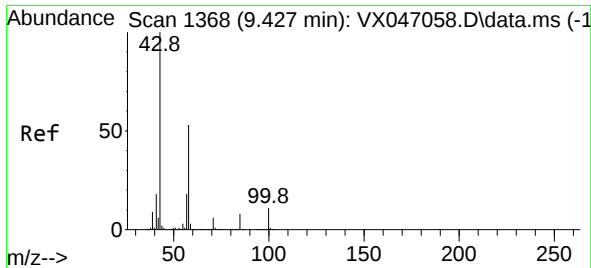
Tgt Ion: 63 Resp: 596772

Ion Ratio Lower Upper

63 100

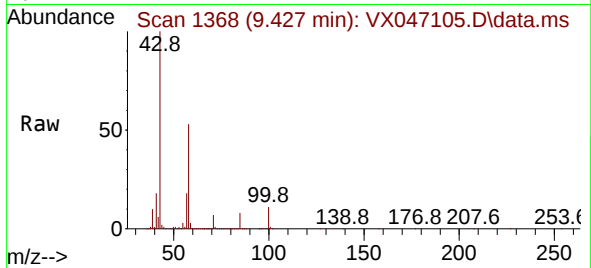
106 27.5 22.2 33.4





#59
2-Hexanone
Concen: 238.301 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

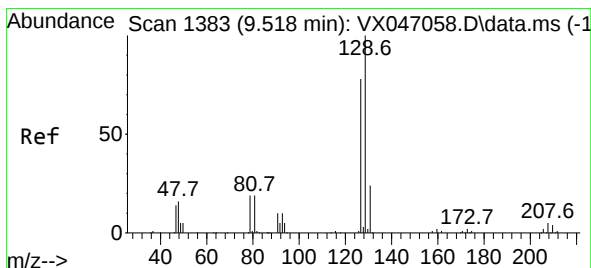
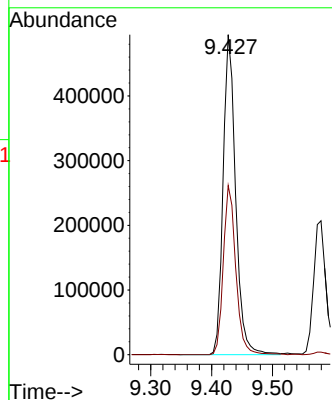
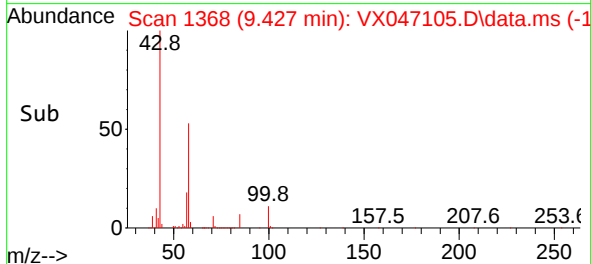
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 708690
Ion Ratio Lower Upper
43 100
58 52.8 26.5 79.5

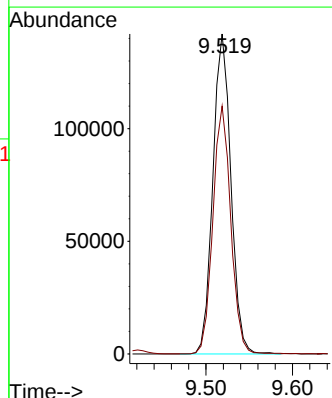
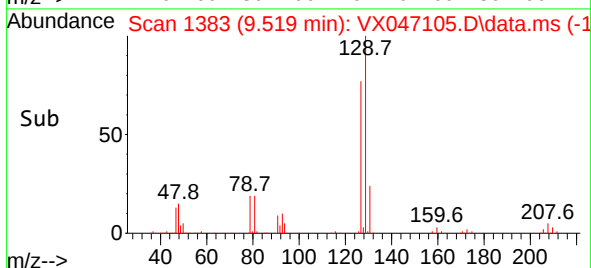
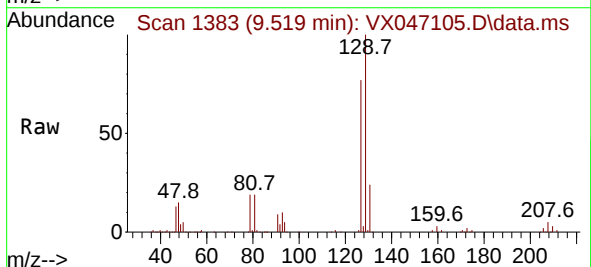
Manual Integrations
APPROVED

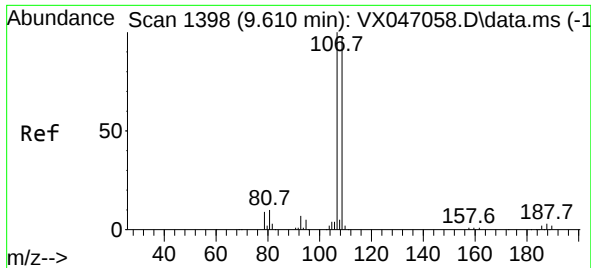
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#60
Dibromochloromethane
Concen: 49.750 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

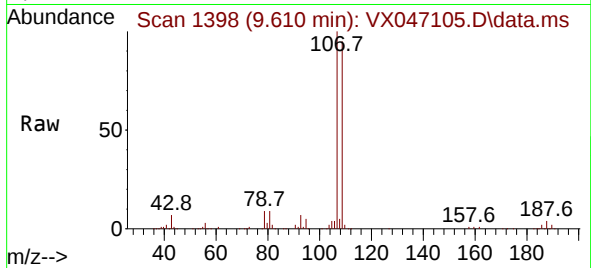
Tgt Ion:129 Resp: 205275
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.8





#61
1,2-Dibromoethane
Concen: 46.626 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

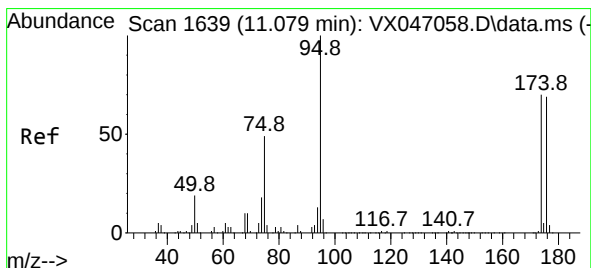
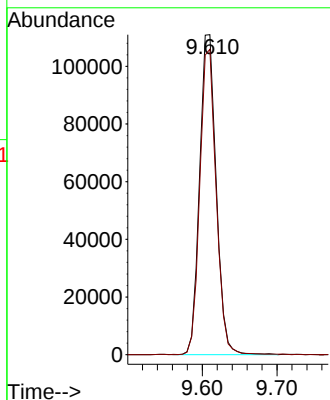
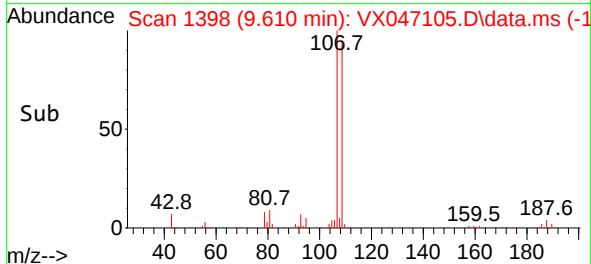
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



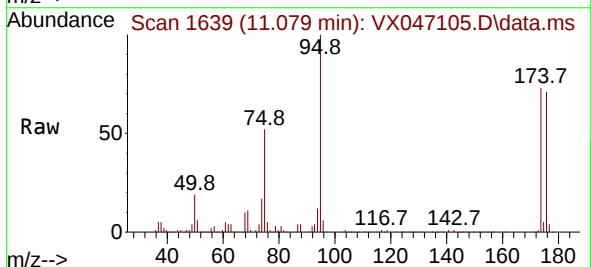
Tgt Ion:107 Resp: 17152
Ion Ratio Lower Upper
107 100
109 93.9 74.6 112.0

Manual Integrations
APPROVED

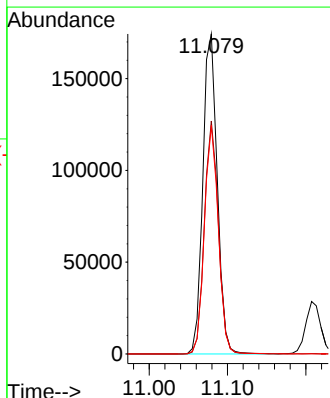
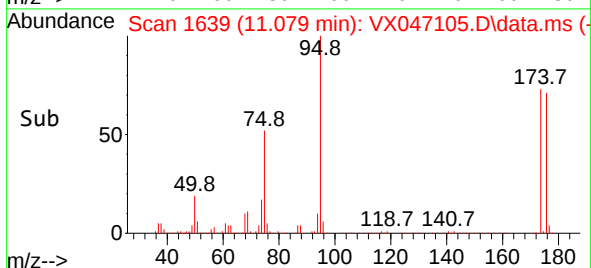
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

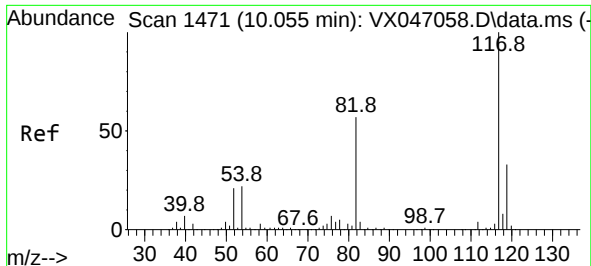


#62
4-Bromofluorobenzene
Concen: 51.542 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44



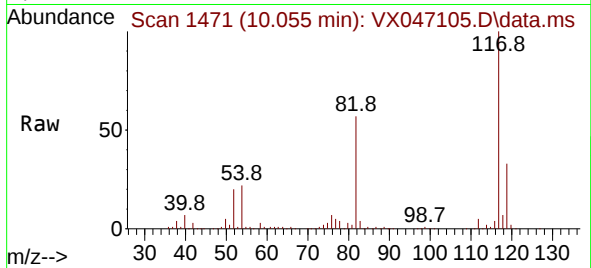
Tgt Ion: 95 Resp: 222466
Ion Ratio Lower Upper
95 100
174 70.9 0.0 144.6
176 68.9 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

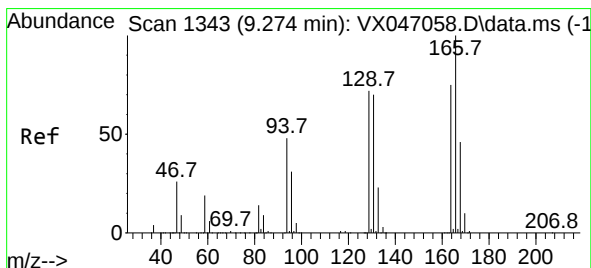
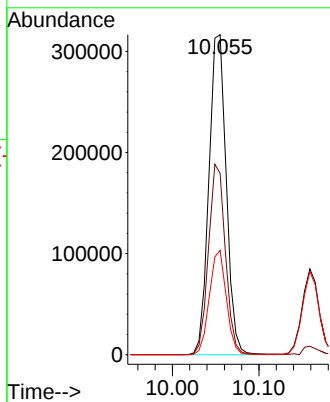
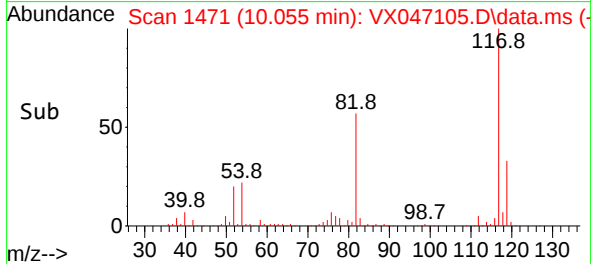
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 440622
Ion Ratio Lower Upper
117 100
82 56.7 45.4 68.2
119 32.6 26.1 39.1

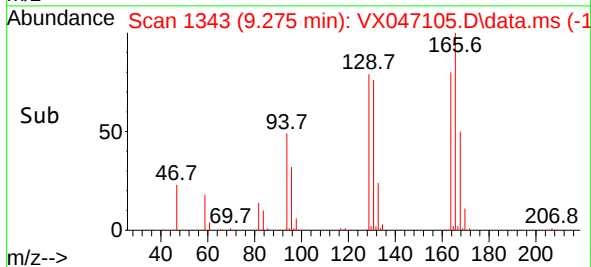
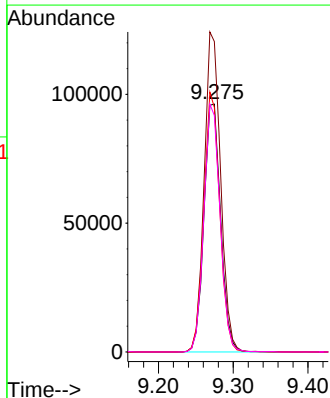
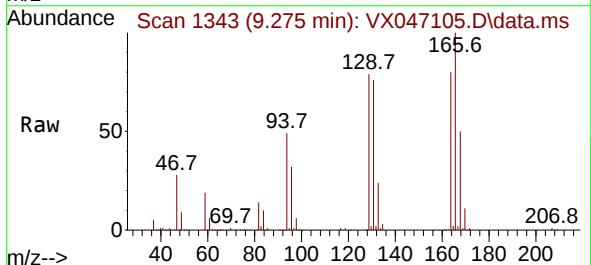
Manual Integrations
APPROVED

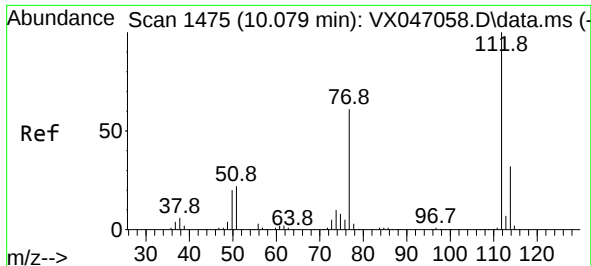
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#64
Tetrachloroethene
Concen: 46.900 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

Tgt Ion:164 Resp: 148974
Ion Ratio Lower Upper
164 100
166 125.3 106.2 159.4
129 98.7 76.6 114.8
131 95.5 74.4 111.6





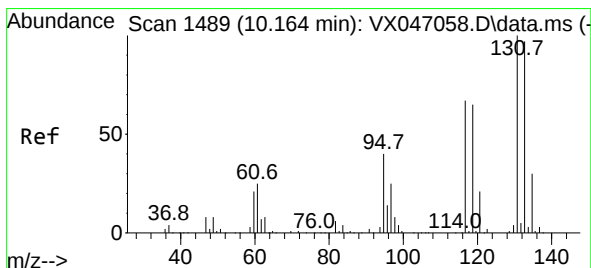
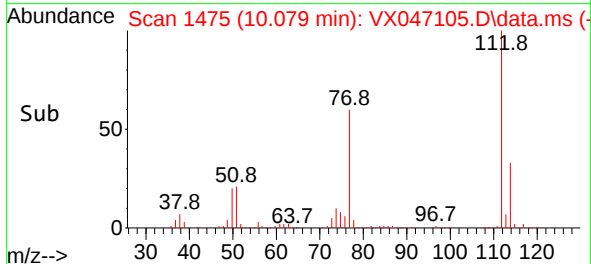
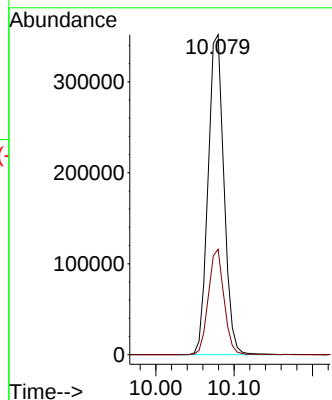
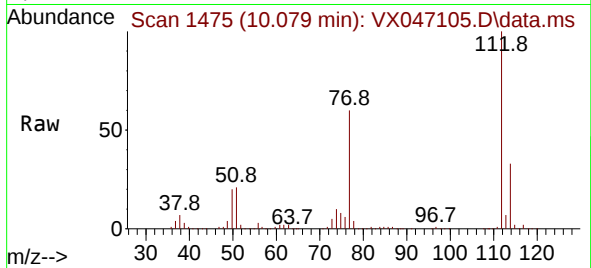
#65
Chlorobenzene
Concen: 47.902 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 49446
Ion Ratio Lower Upper
112 100
114 33.0 25.8 38.6

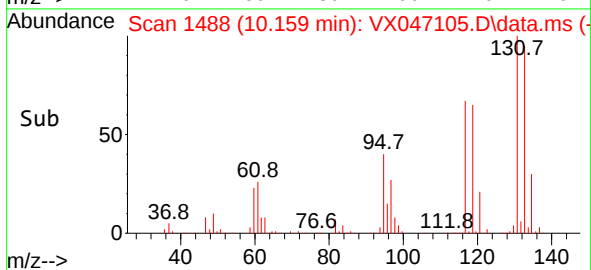
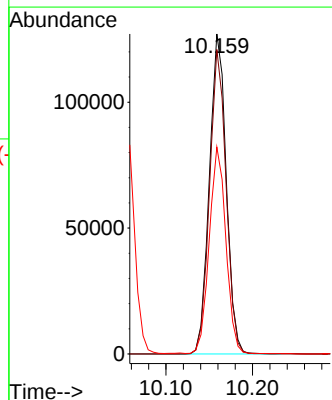
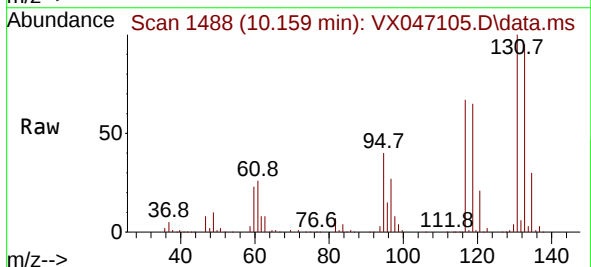
Manual Integrations
APPROVED

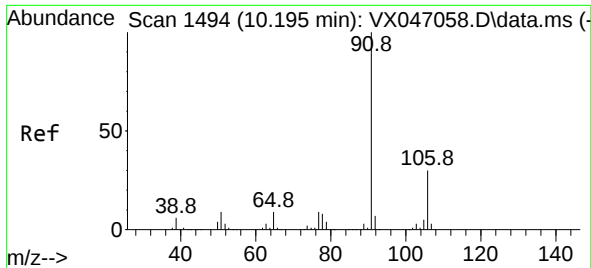
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 49.502 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

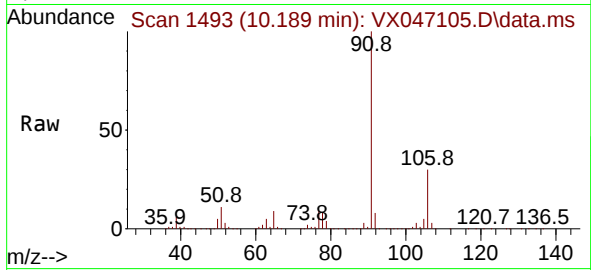
Tgt Ion:131 Resp: 172036
Ion Ratio Lower Upper
131 100
133 93.4 48.4 145.3
119 63.8 32.4 97.0





#67
Ethyl Benzene
Concen: 48.892 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

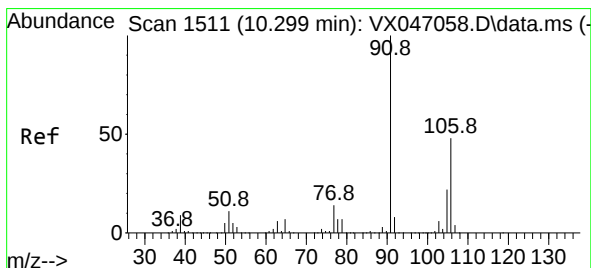
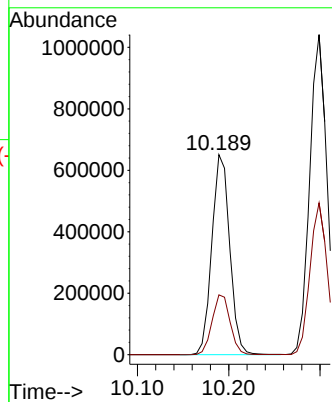
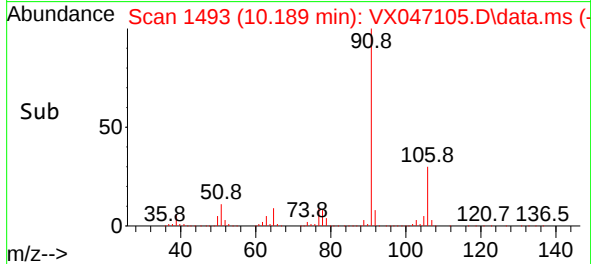
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 882399
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.4

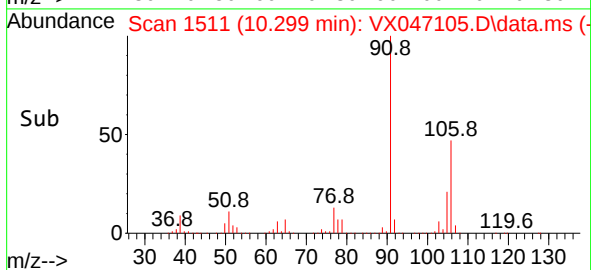
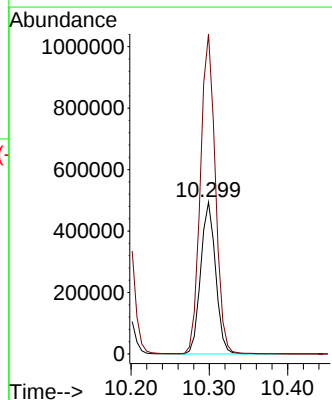
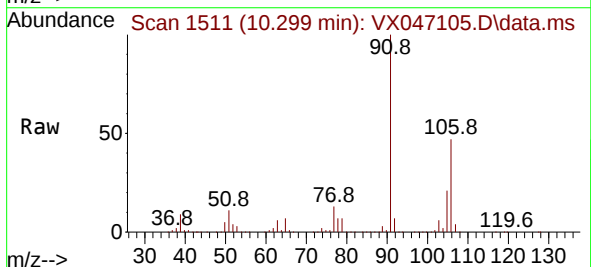
Manual Integrations
APPROVED

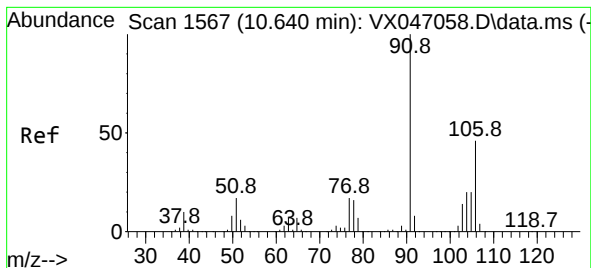
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#68
m/p-Xylenes
Concen: 96.717 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

Tgt Ion:106 Resp: 653223
Ion Ratio Lower Upper
106 100
91 211.8 167.4 251.0





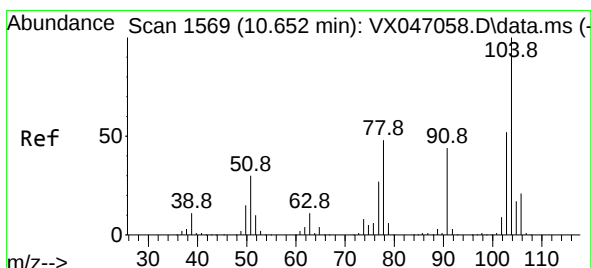
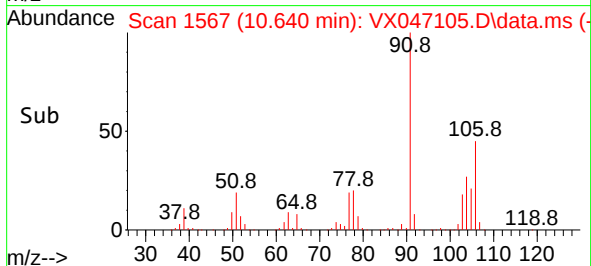
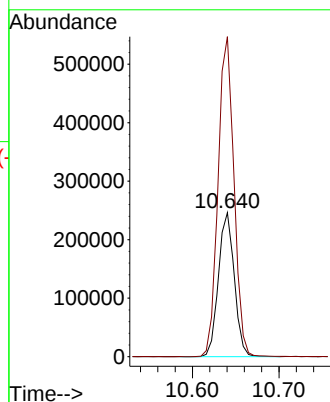
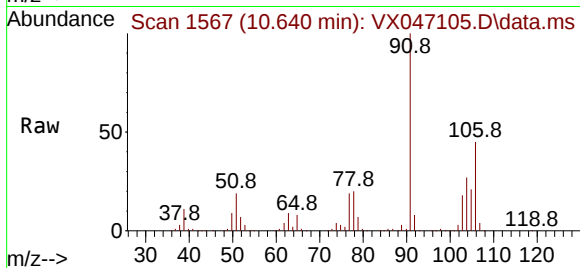
#69
o-Xylene
Concen: 48.706 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 312945
Ion Ratio Lower Upper
106 100
91 223.2 110.3 331.0

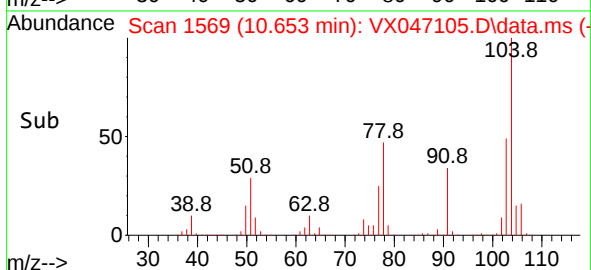
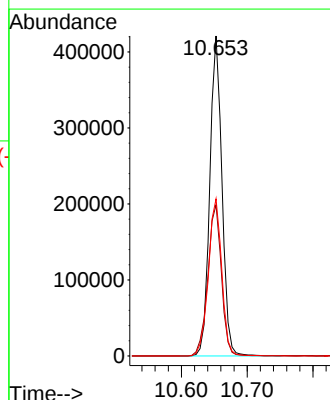
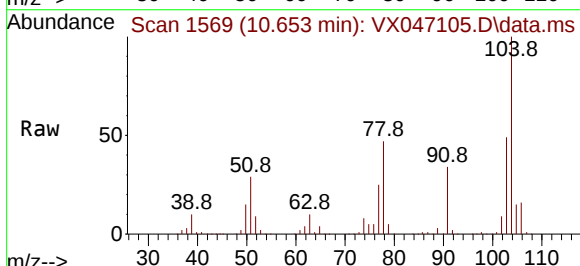
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#70
Styrene
Concen: 49.231 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

Tgt Ion:104 Resp: 542411
Ion Ratio Lower Upper
104 100
78 52.8 42.0 63.0
103 54.0 43.8 65.6





#71

Bromoform

Concen: 47.769 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX047105.D

Acq: 24 Jul 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 126100

Ion Ratio Lower Upper

173 100

175 47.4 24.2 72.6

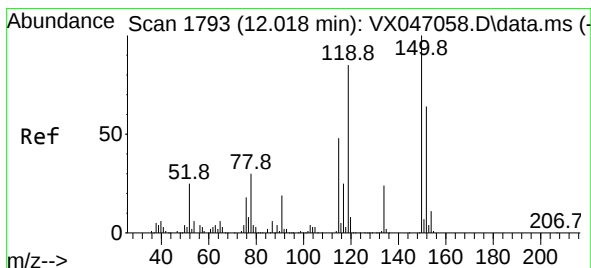
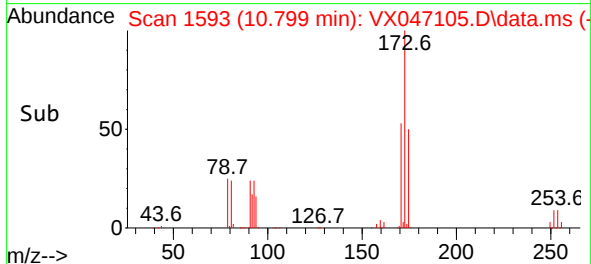
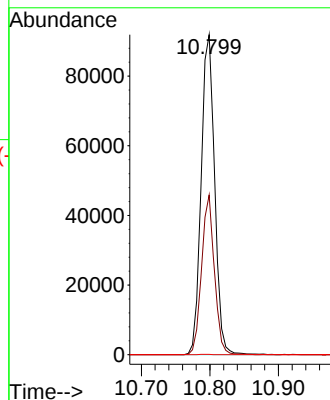
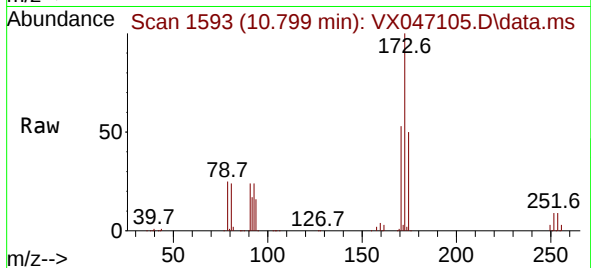
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2025

Supervised By :Mahesh Dadoda 07/25/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047105.D

Acq: 24 Jul 2025 09:44

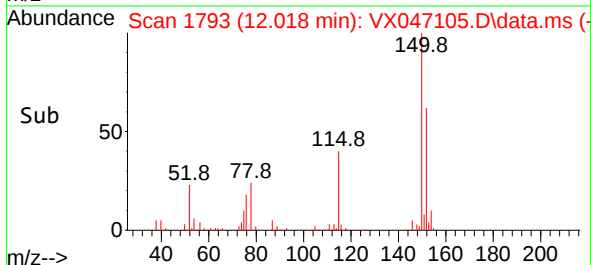
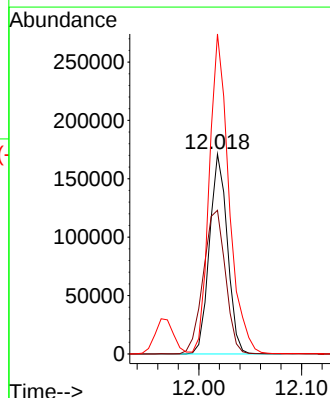
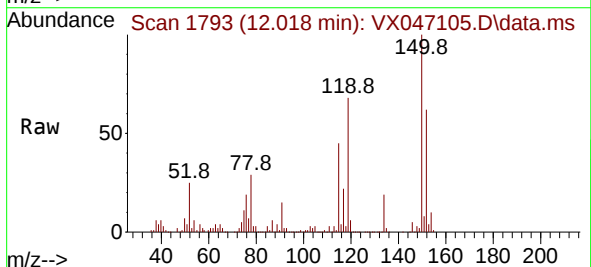
Tgt Ion:152 Resp: 207085

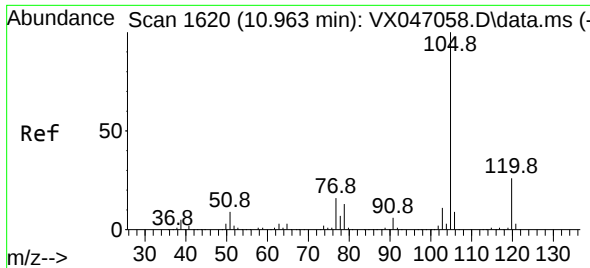
Ion Ratio Lower Upper

152 100

115 89.2 45.6 136.7

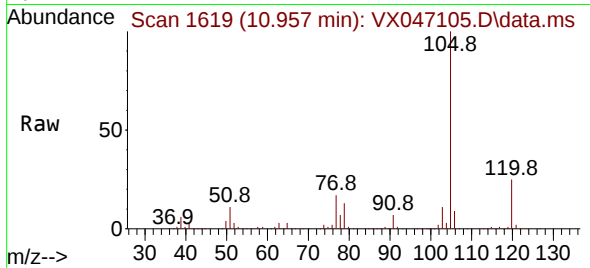
150 175.5 0.0 354.6





#73
Isopropylbenzene
Concen: 50.550 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

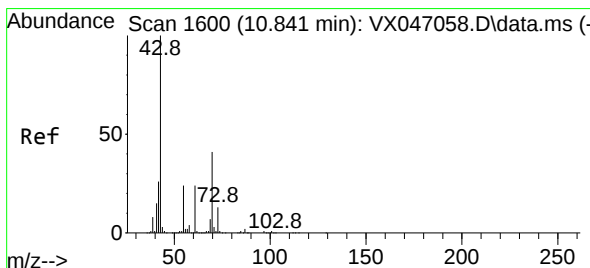
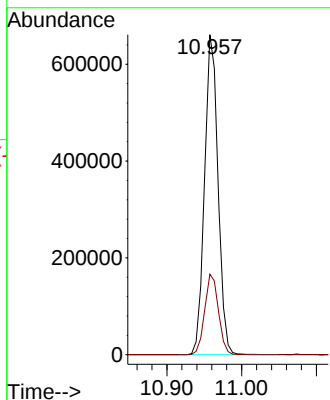
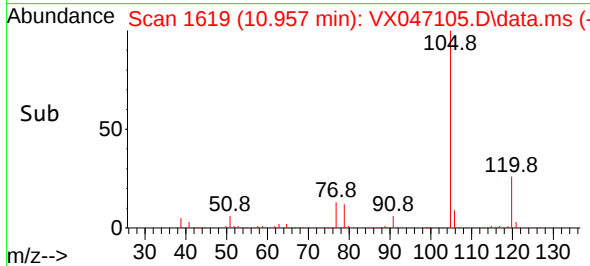
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



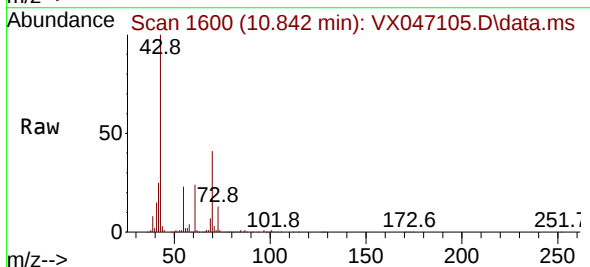
Tgt Ion:105 Resp: 825869
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.7

Manual Integrations
APPROVED

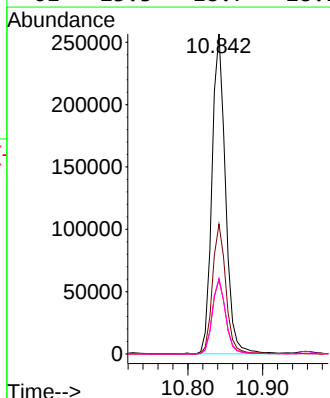
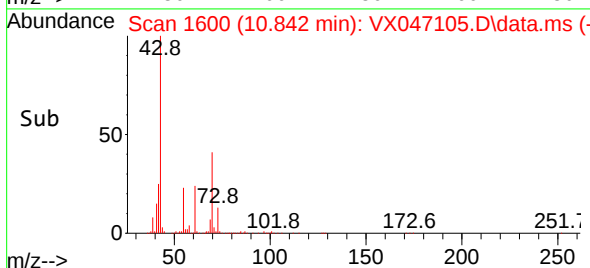
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

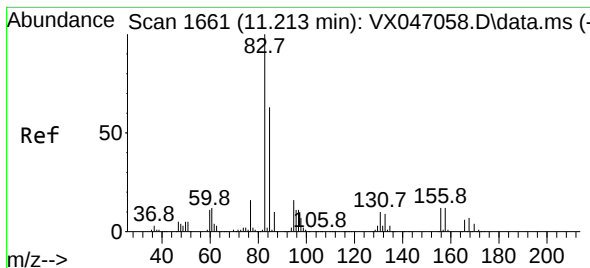


#74
N-ethyl acetate
Concen: 48.809 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44



Tgt Ion: 43 Resp: 321746
Ion Ratio Lower Upper
43 100
70 40.6 32.3 48.5
55 23.4 18.9 28.3
61 23.3 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 47.887 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. -0.006 min

Lab File: VX047105.D

Acq: 24 Jul 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 223480

Ion Ratio Lower Upper

83 100

131 9.9 5.0 14.9

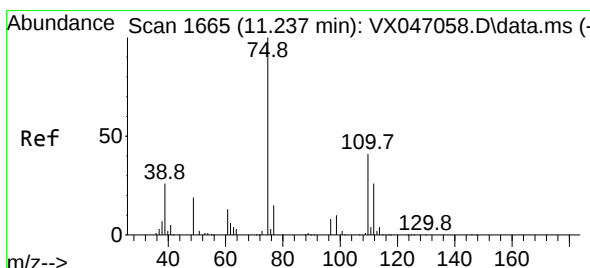
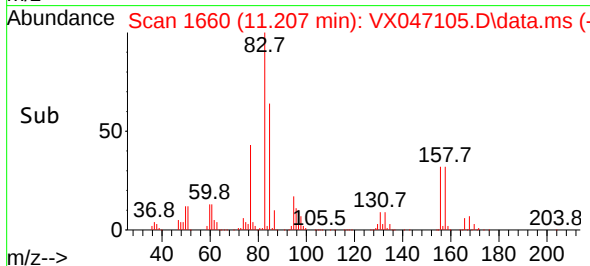
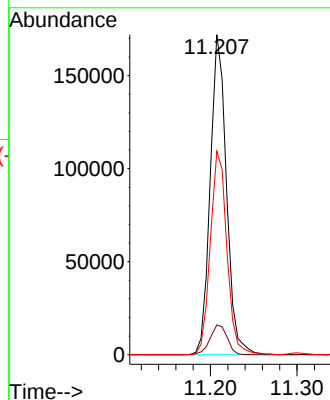
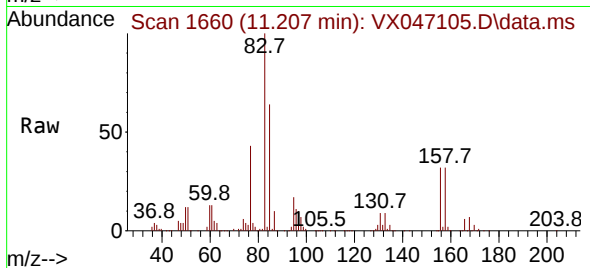
85 65.0 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2025

Supervised By :Mahesh Dadoda 07/25/2025



#76

1,2,3-Trichloropropane

Concen: 49.156 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX047105.D

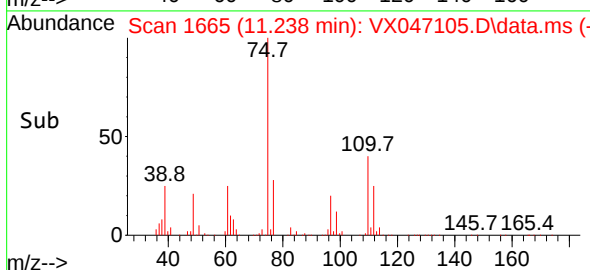
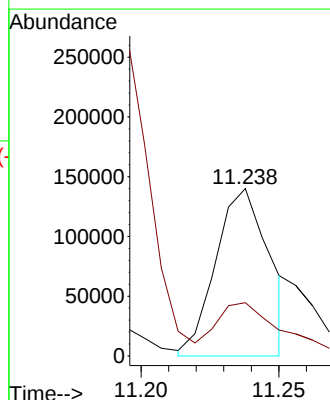
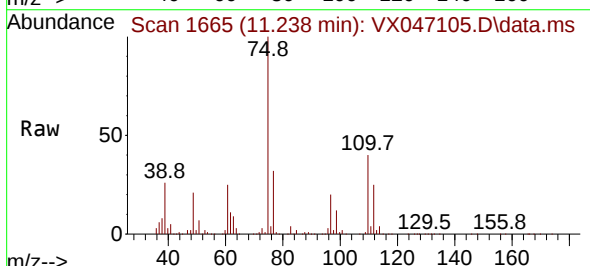
Acq: 24 Jul 2025 09:44

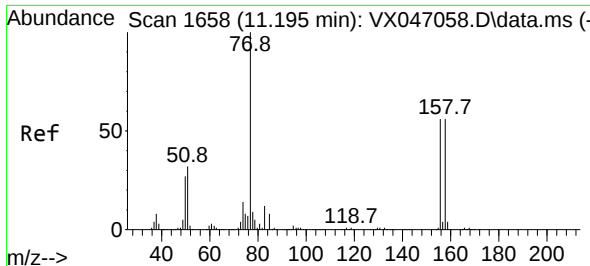
Tgt Ion: 75 Resp: 188419

Ion Ratio Lower Upper

75 100

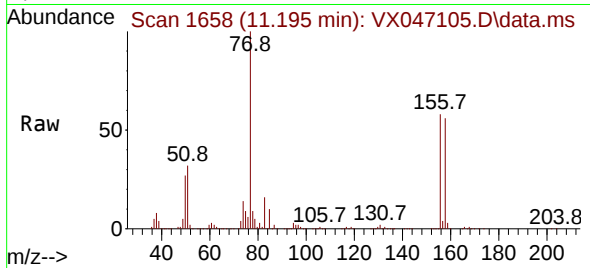
77 39.7 21.6 65.0





#77
Bromobenzene
Concen: 49.789 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

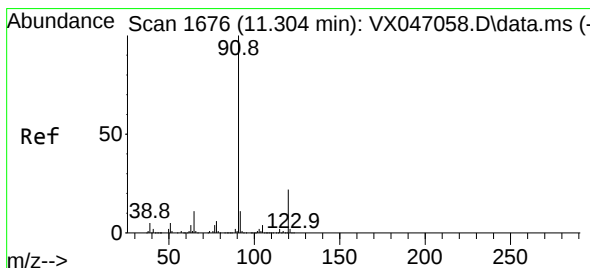
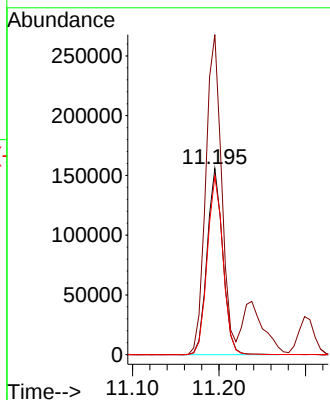
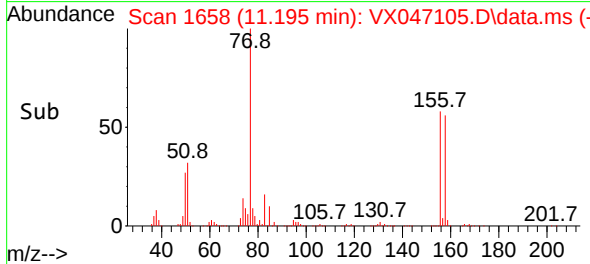
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 195109
Ion Ratio Lower Upper
156 100
77 175.8 87.3 261.9
158 96.5 48.9 146.6

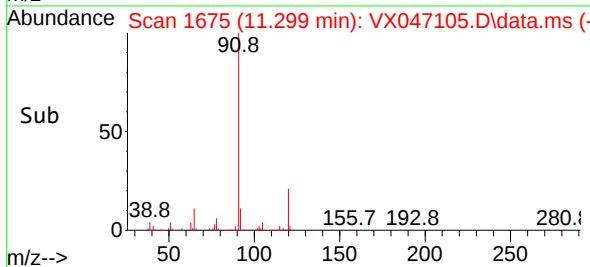
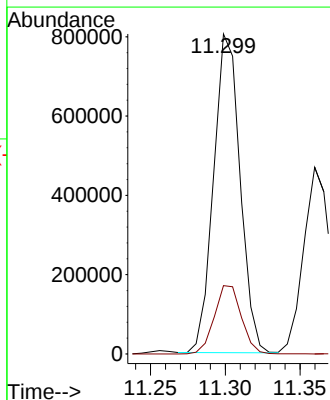
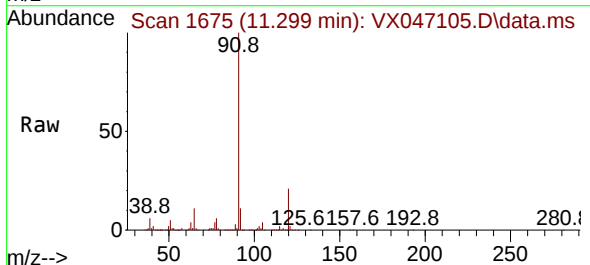
Manual Integrations
APPROVED

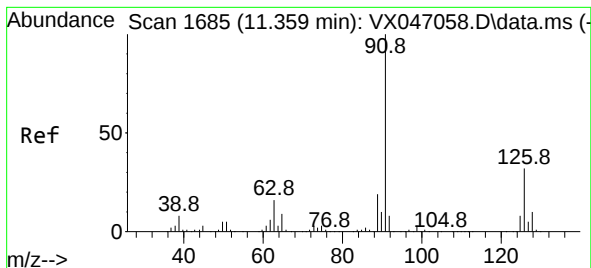
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#78
n-propylbenzene
Concen: 50.753 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

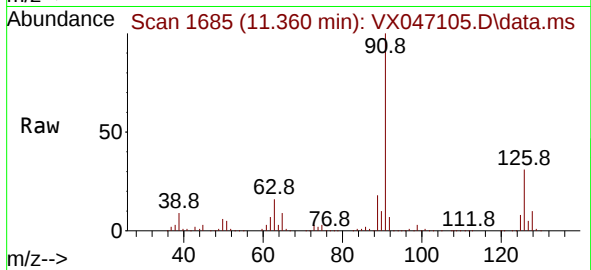
Tgt Ion: 91 Resp: 990870
Ion Ratio Lower Upper
91 100
120 22.0 11.0 33.0





#79
2-Chlorotoluene
Concen: 49.968 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

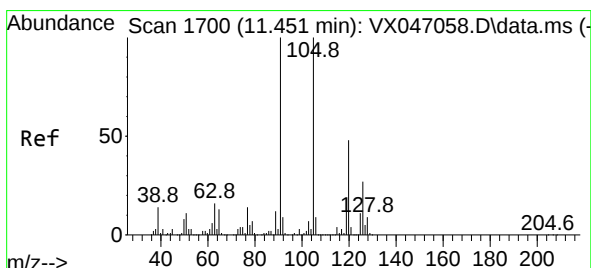
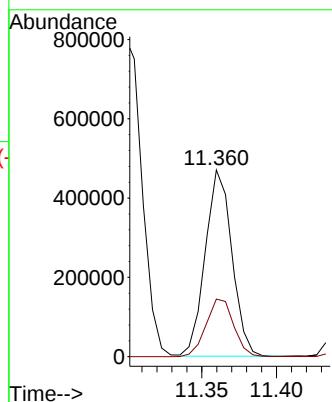
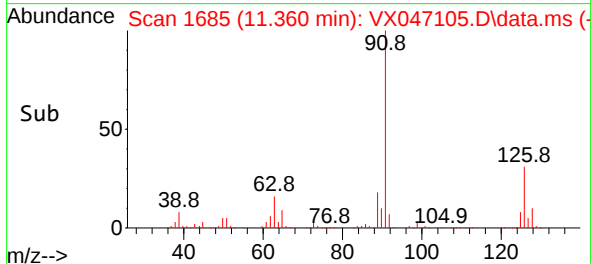
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



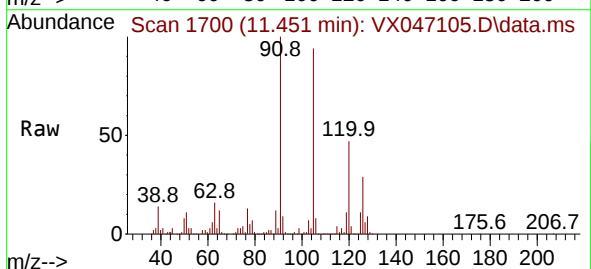
Tgt Ion: 91 Resp: 583149
Ion Ratio Lower Upper
91 100
126 32.2 16.4 49.4

Manual Integrations
APPROVED

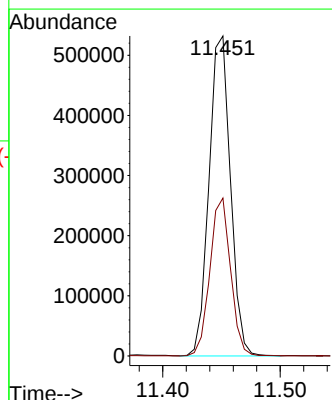
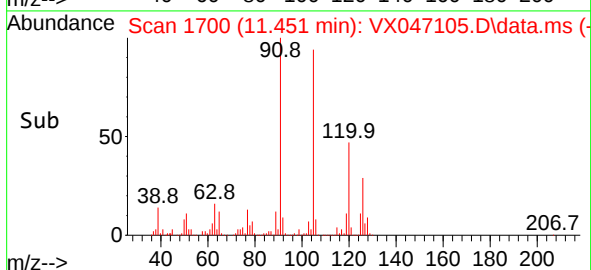
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

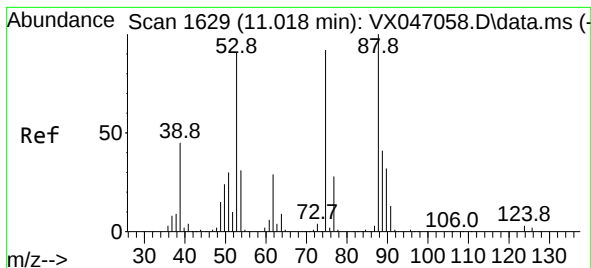


#80
1,3,5-Trimethylbenzene
Concen: 49.956 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44



Tgt Ion:105 Resp: 674272
Ion Ratio Lower Upper
105 100
120 47.7 23.8 71.5





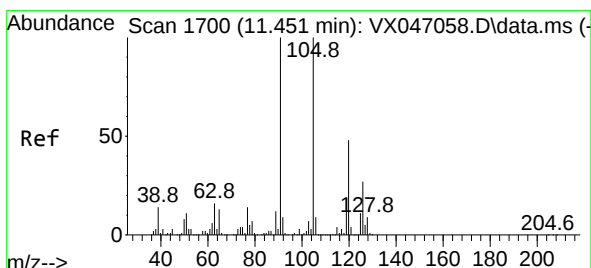
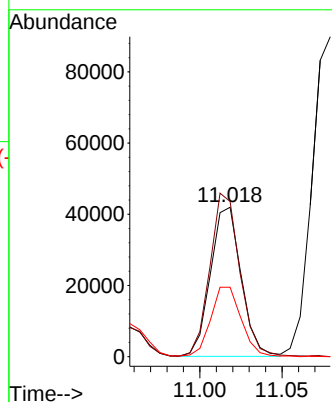
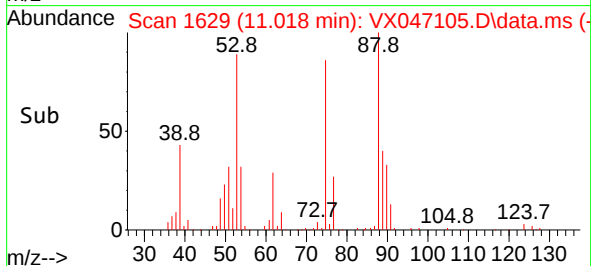
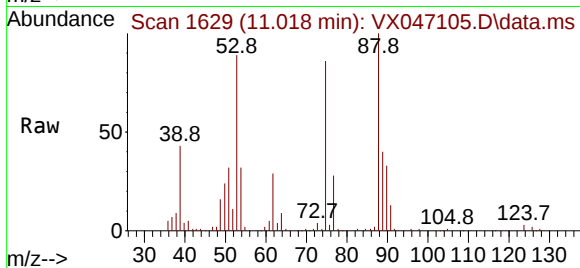
#81
trans-1,4-Dichloro-2-butene
Concen: 36.612 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 54469
Ion Ratio Lower Upper
75 100
53 107.3 84.2 126.4
89 46.7 36.0 54.0

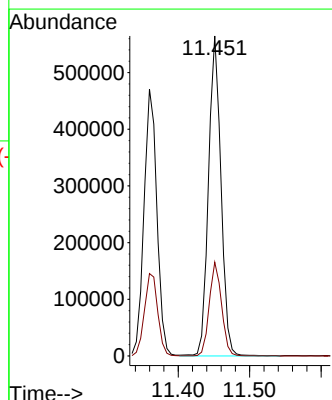
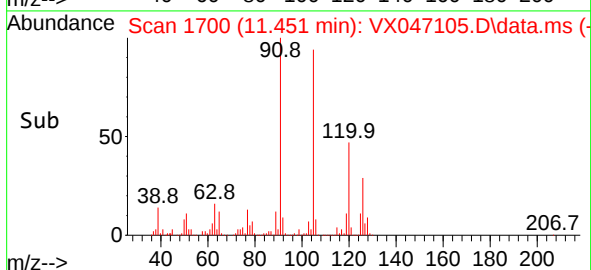
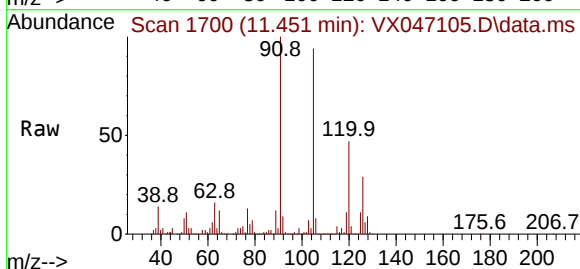
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#82
4-Chlorotoluene
Concen: 50.305 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

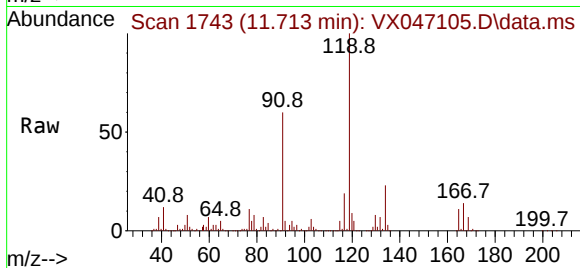
Tgt Ion: 91 Resp: 685254
Ion Ratio Lower Upper
91 100
126 28.7 14.1 42.3





#83
tert-Butylbenzene
Concen: 50.593 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

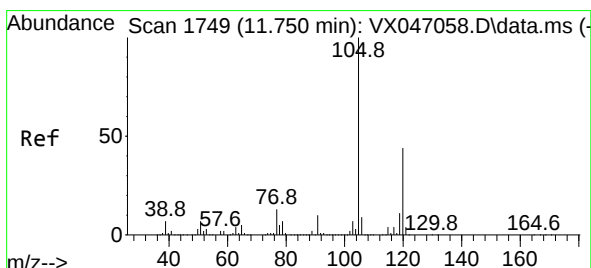
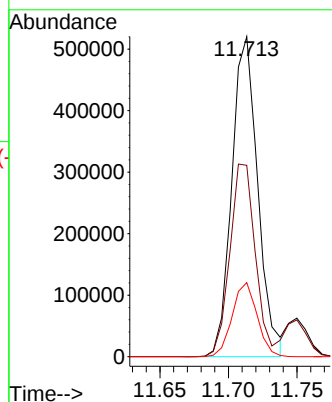
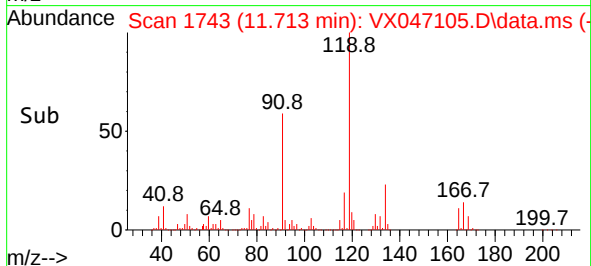
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



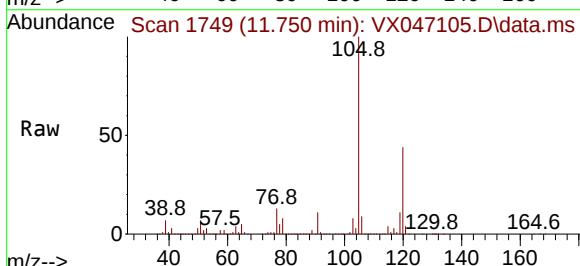
Tgt Ion:119 Resp: 685399
Ion Ratio Lower Upper
119 100
91 59.0 29.6 88.8
134 22.3 11.4 34.1

Manual Integrations
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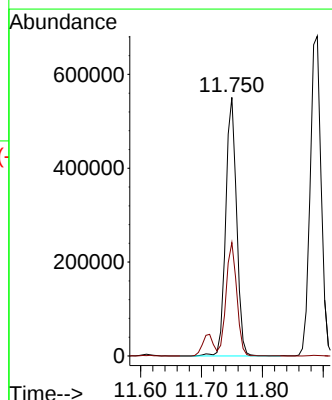
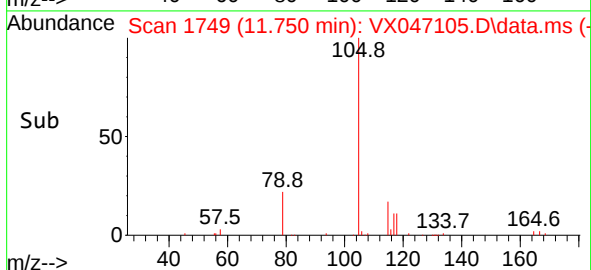
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

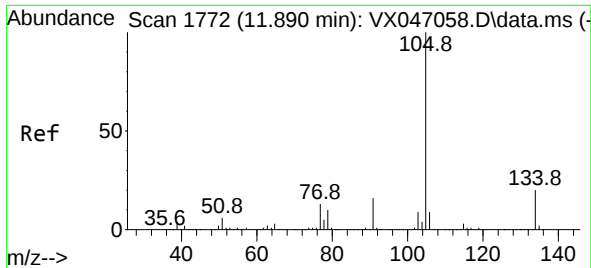


#84
1,2,4-Trimethylbenzene
Concen: 50.706 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44



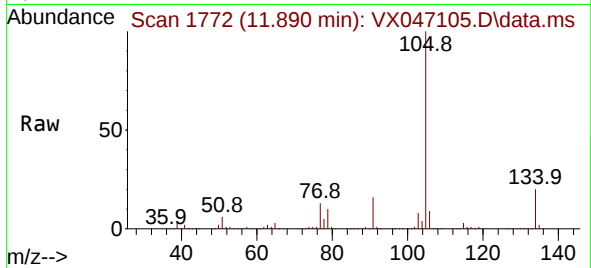
Tgt Ion:105 Resp: 682637
Ion Ratio Lower Upper
105 100
120 43.1 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 50.166 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047105.D
 Acq: 24 Jul 2025 09:44

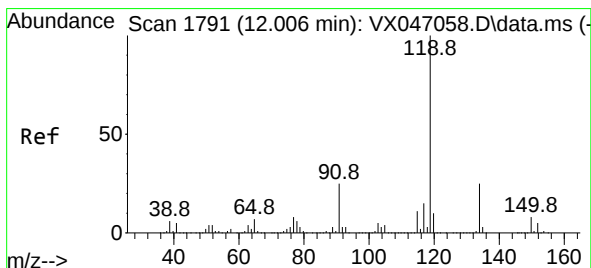
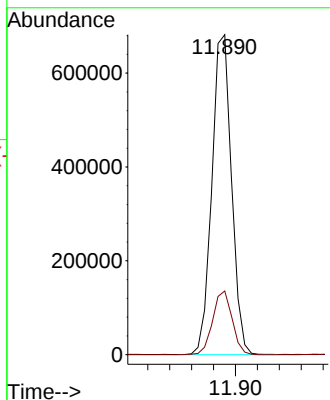
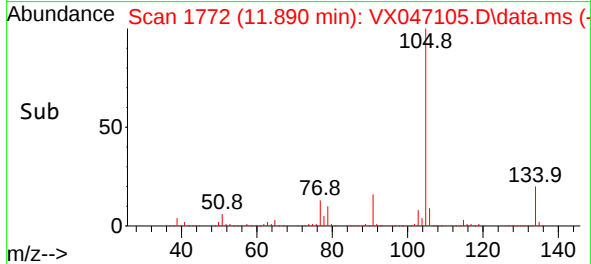
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



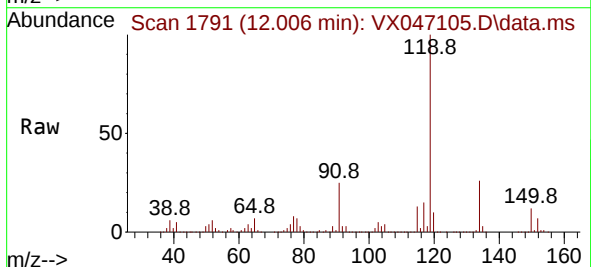
Tgt Ion:105 Resp: 849150
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.9 29.7

Manual Integrations
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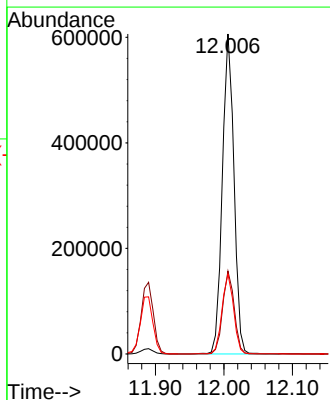
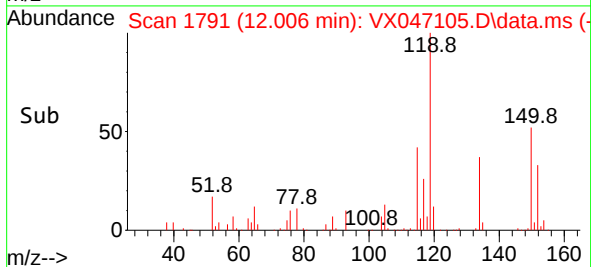
Reviewed By :John Carlone 07/25/2025
 Supervised By :Mahesh Dadoda 07/25/2025

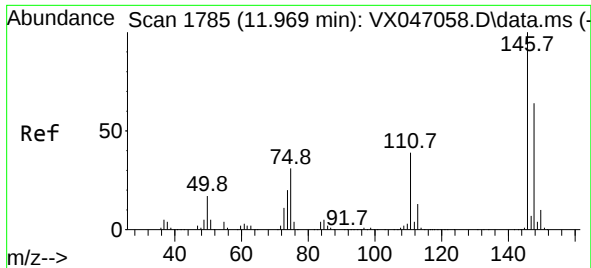


#86
 p-Isopropyltoluene
 Concen: 50.452 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047105.D
 Acq: 24 Jul 2025 09:44



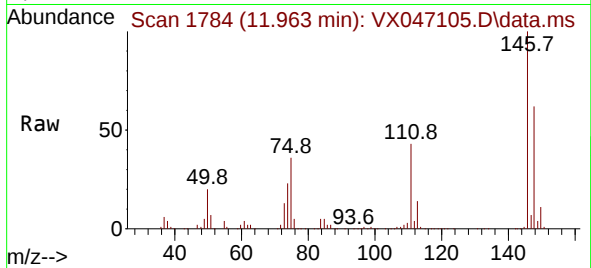
Tgt Ion:119 Resp: 708195
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.4
 91 24.9 12.4 37.4





#87
 1,3-Dichlorobenzene
 Concen: 48.884 ug/l
 RT: 11.963 min Scan# 1784
 Delta R.T. -0.006 min
 Lab File: VX047105.D
 Acq: 24 Jul 2025 09:44

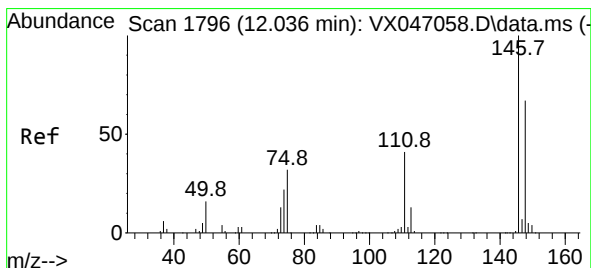
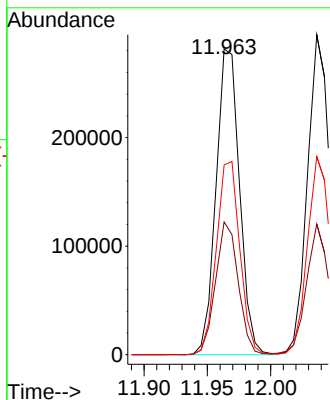
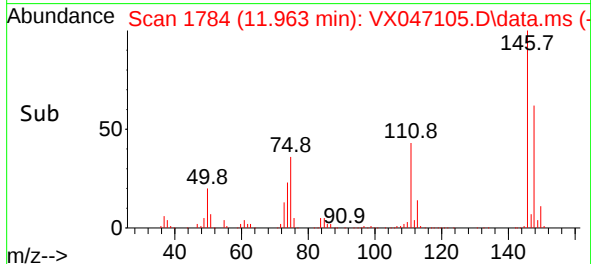
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:146 Resp: 363982
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.0 63.0
 148 63.0 32.0 96.0

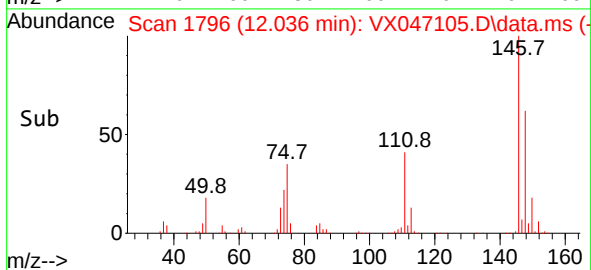
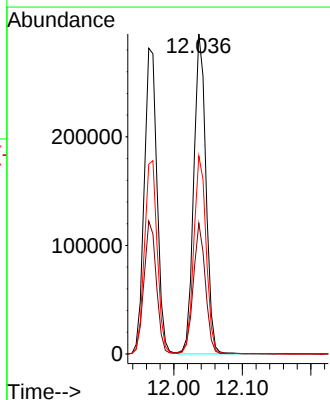
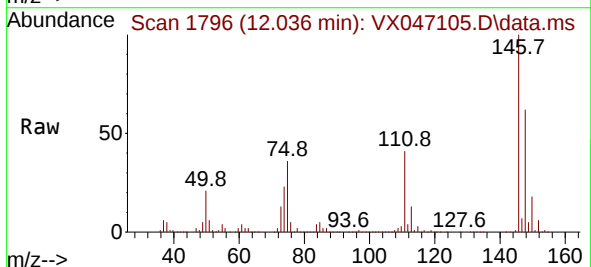
Manual Integrations
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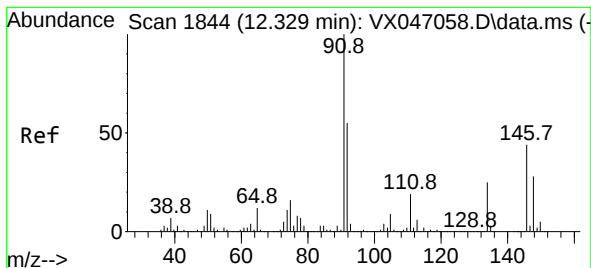
Reviewed By :John Carlone 07/25/2025
 Supervised By :Mahesh Dadoda 07/25/2025



#88
 1,4-Dichlorobenzene
 Concen: 48.370 ug/l
 RT: 12.036 min Scan# 1796
 Delta R.T. 0.000 min
 Lab File: VX047105.D
 Acq: 24 Jul 2025 09:44

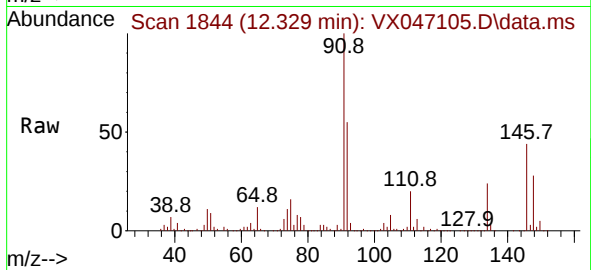
Tgt Ion:146 Resp: 364883
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.6 61.9
 148 62.8 33.0 98.9





#89
n-Butylbenzene
Concen: 50.718 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

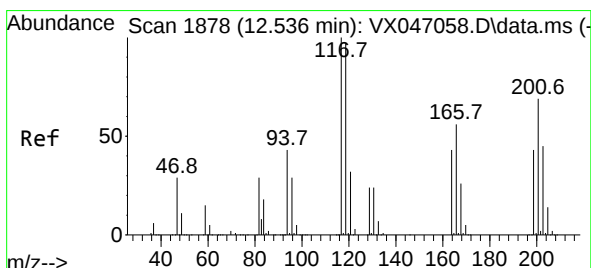
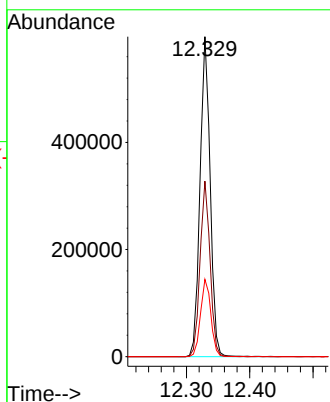
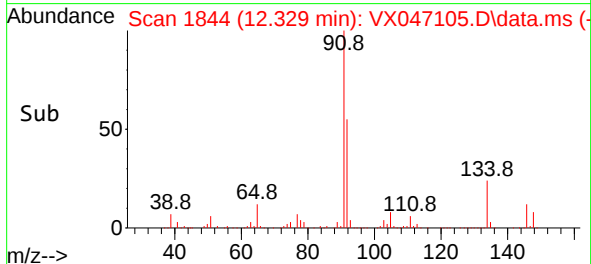
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 667634
Ion Ratio Lower Upper
91 100
92 54.0 27.5 82.5
134 24.7 12.8 38.3

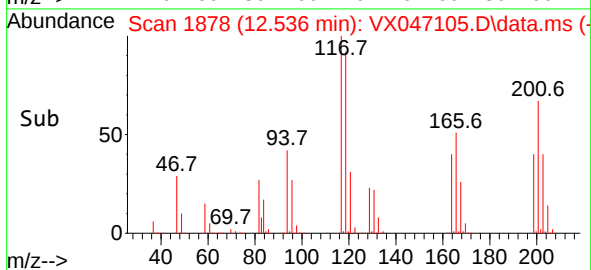
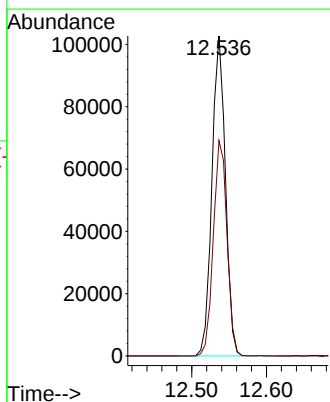
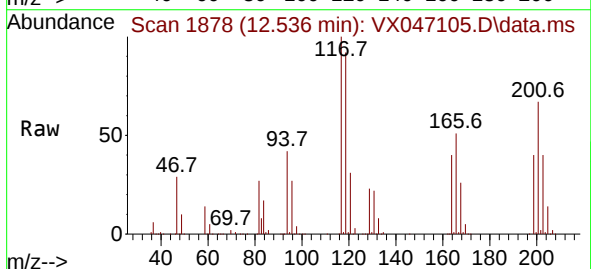
Manual Integrations
APPROVED

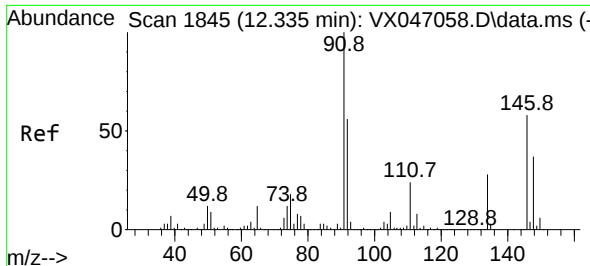
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#90
Hexachloroethane
Concen: 51.047 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

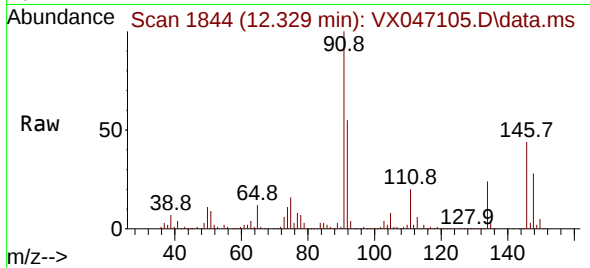
Tgt Ion:117 Resp: 128187
Ion Ratio Lower Upper
117 100
201 68.6 34.8 104.5





#91
1,2-Dichlorobenzene
Concen: 48.638 ug/l
RT: 12.329 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

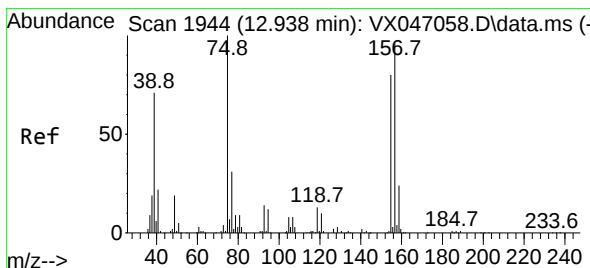
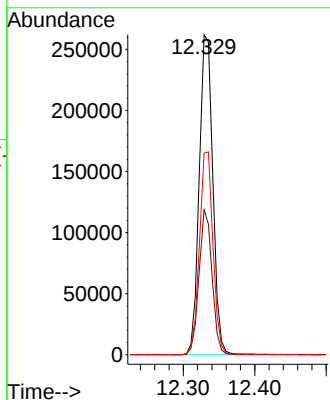
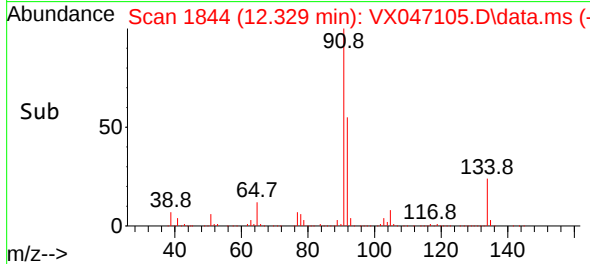
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 346125
Ion Ratio Lower Upper
146 100
111 43.5 21.6 64.6
148 63.1 31.9 95.7

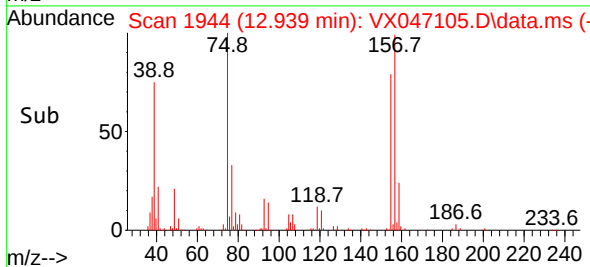
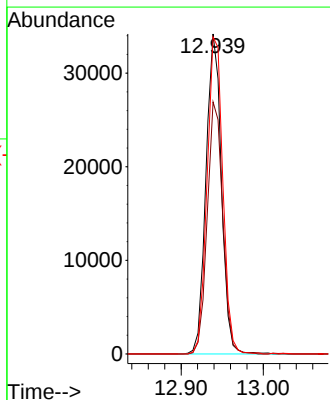
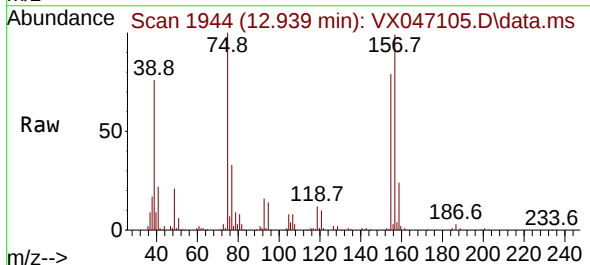
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.684 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

Tgt Ion: 75 Resp: 44507
Ion Ratio Lower Upper
75 100
155 79.3 41.3 124.1
157 101.2 52.8 158.3





#93

1,2,4-Trichlorobenzene

Concen: 49.062 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047105.D

Acq: 24 Jul 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

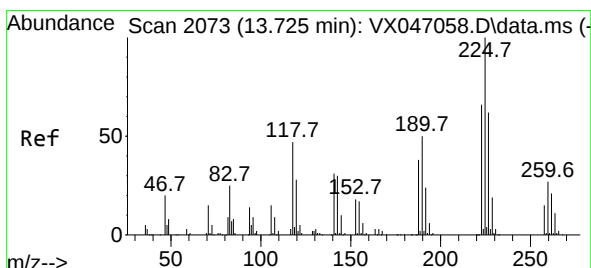
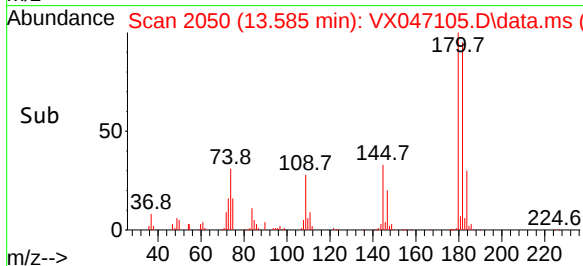
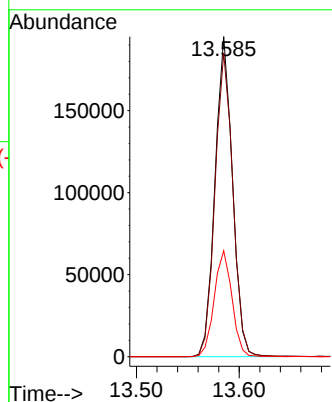
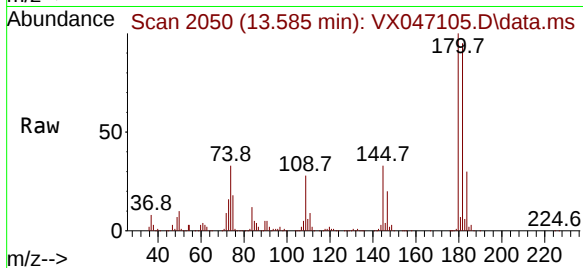
Tgt Ion:180 Resp: 230670
 Ion Ratio Lower Upper
 180 100
 182 97.0 47.3 141.8
 145 33.7 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2025

Supervised By :Mahesh Dadoda 07/25/2025



#94

Hexachlorobutadiene

Concen: 51.533 ug/l

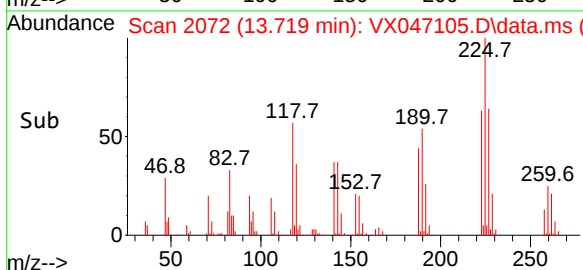
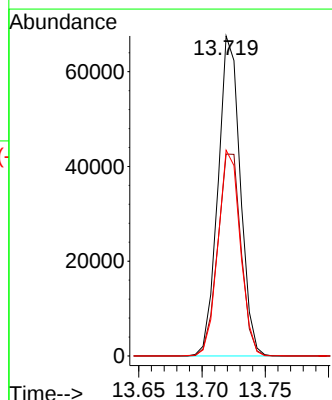
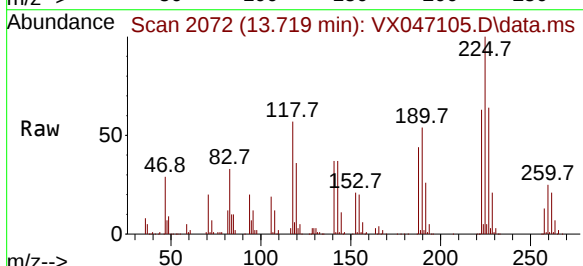
RT: 13.719 min Scan# 2072

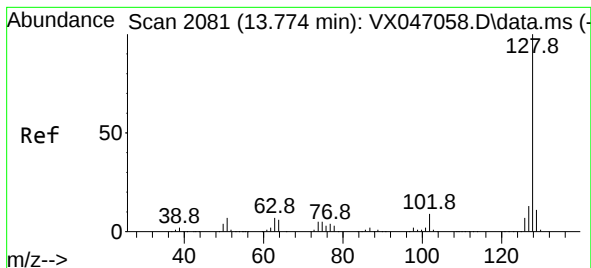
Delta R.T. -0.006 min

Lab File: VX047105.D

Acq: 24 Jul 2025 09:44

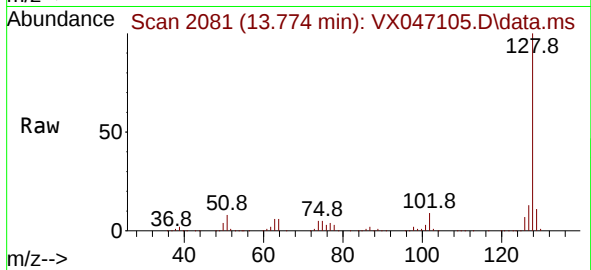
Tgt Ion:225 Resp: 82402
 Ion Ratio Lower Upper
 225 100
 223 66.0 31.6 95.0
 227 64.5 32.9 98.6





#95
Naphthalene
Concen: 50.615 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44

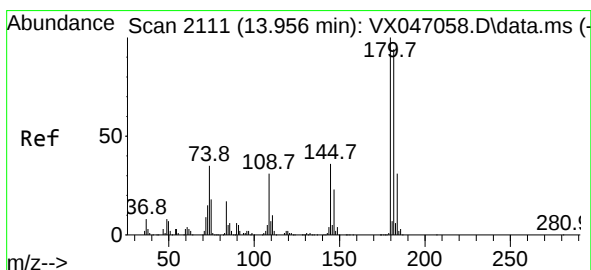
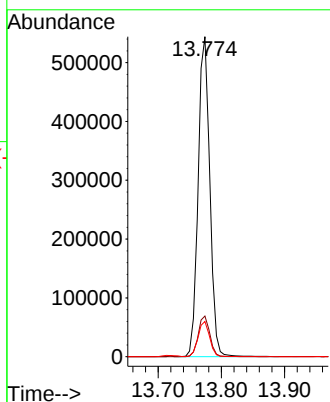
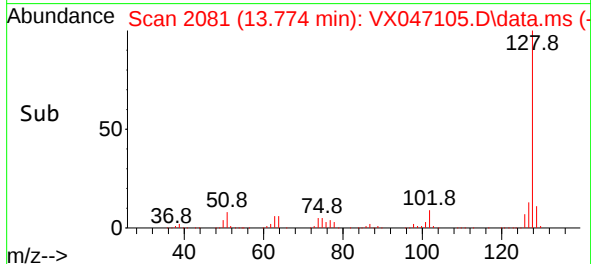
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



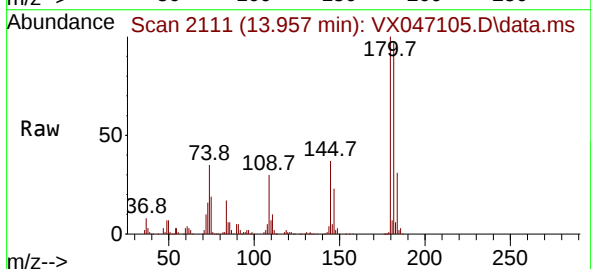
Tgt Ion:128 Resp: 69765
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



#96
1,2,3-Trichlorobenzene
Concen: 49.242 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047105.D
Acq: 24 Jul 2025 09:44



Tgt Ion:180 Resp: 223047
Ion Ratio Lower Upper
180 100
182 95.4 46.9 140.6
145 35.3 17.3 52.0

