

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060925\
 Data File : VX046567.D
 Acq On : 09 Jun 2025 09:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 10 01:37:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/10/2025
 Supervised By : Mahesh Dadoda 06/10/2025

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	76964	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	135136	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.055	117	123156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	65257	47.658	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.320%		
35) Dibromofluoromethane	5.391	113	49325	49.633	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.260%		
50) Toluene-d8	8.647	98	154151	47.049	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.100%		
62) 4-Bromofluorobenzene	11.079	95	65287	48.161	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	47096	44.077	ug/l	96
3) Chloromethane	1.307	50	45563	46.848	ug/l	98
4) Vinyl Chloride	1.386	62	45191	46.612	ug/l	98
5) Bromomethane	1.624	94	30896	52.493	ug/l	98
6) Chloroethane	1.703	64	30200	48.010	ug/l	99
7) Trichlorofluoromethane	1.904	101	77981	48.614	ug/l	100
8) Diethyl Ether	2.148	74	31146	54.954	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.343	101	48717	48.205	ug/l	98
10) Methyl Iodide	2.465	142	63747	58.188	ug/l	98
11) Tert butyl alcohol	2.959	59	32068	211.060	ug/l	99
12) 1,1-Dichloroethene	2.337	96	44907	49.146	ug/l	96
13) Acrolein	2.245	56	42238	232.271	ug/l	99
14) Allyl chloride	2.678	41	94306	52.551	ug/l	95
15) Acrylonitrile	3.075	53	147891	257.439	ug/l	99
16) Acetone	2.386	43	121262	225.971	ug/l	96
17) Carbon Disulfide	2.526	76	96196	49.583	ug/l	99
18) Methyl Acetate	2.715	43	87230	53.483	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	186853	58.441	ug/l	100
20) Methylene Chloride	2.800	84	57522	52.364	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	47547	49.170	ug/l	98
22) Diisopropyl ether	3.769	45	206016	58.229	ug/l #	80
23) Vinyl Acetate	3.727	43	785768	287.662	ug/l	99
24) 1,1-Dichloroethane	3.617	63	105765	53.637	ug/l	99
25) 2-Butanone	4.562	43	179047	234.894	ug/l	99
26) 2,2-Dichloropropane	4.483	77	81646	55.775	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	63449	53.300	ug/l	97
28) Bromochloromethane	4.903	49	51316	54.563	ug/l	98
29) Tetrahydrofuran	5.007	42	115218	239.348	ug/l	98
30) Chloroform	5.099	83	112654	54.525	ug/l	99
31) Cyclohexane	5.477	56	74527	46.817	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	91952	52.029	ug/l	97
36) 1,1-Dichloropropene	5.696	75	66074	46.546	ug/l	99
37) Ethyl Acetate	4.721	43	72159	52.083	ug/l	99
38) Carbon Tetrachloride	5.684	117	79307	49.879	ug/l	99
39) Methylcyclohexane	7.385	83	77646	46.341	ug/l	97
40) Benzene	6.043	78	207942	52.034	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	44012	51.155	ug/l	94
42) 1,2-Dichloroethane	6.092	62	89292	53.708	ug/l	98
43) Isopropyl Acetate	6.342	43	127502	52.788	ug/l	99
44) Trichloroethene	7.129	130	49703	48.949	ug/l	99
45) 1,2-Dichloropropane	7.433	63	57797	56.032	ug/l	99
46) Dibromomethane	7.580	93	42227	54.417	ug/l	97
47) Bromodichloromethane	7.824	83	91760	57.509	ug/l	96
48) Methyl methacrylate	7.690	41	65998	53.107	ug/l	95
49) 1,4-Dioxane	7.653	88	16116	969.755	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	382195	249.010	ug/l	99
52) Toluene	8.714	92	130125	53.001	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	87357	61.063	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	91534	57.546	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	56265	57.087	ug/l	99
56) Ethyl methacrylate	9.116	69	85345	56.270	ug/l	96
57) 1,3-Dichloropropane	9.305	76	96068	55.155	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	220489	266.889	ug/l	99
59) 2-Hexanone	9.427	43	264649	240.420	ug/l	99
60) Dibromochloromethane	9.518	129	67859	58.533	ug/l	99
61) 1,2-Dibromoethane	9.610	107	55111	53.659	ug/l	96
64) Tetrachloroethene	9.275	164	38759	47.064	ug/l	97
65) Chlorobenzene	10.079	112	148815	51.378	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	54363	55.542	ug/l	99
67) Ethyl Benzene	10.195	91	252621	49.959	ug/l	99
68) m/p-Xylenes	10.299	106	186309	101.572	ug/l	100
69) o-Xylene	10.640	106	93087	52.468	ug/l	100
70) Styrene	10.652	104	164167	54.055	ug/l	99
71) Bromoform	10.799	173	42396	56.808	ug/l #	96
73) Isopropylbenzene	10.957	105	245986	50.302	ug/l	100
74) N-amyl acetate	10.841	43	110631	51.372	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	79556	50.826	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	67306m	51.080	ug/l	
77) Bromobenzene	11.195	156	60612	53.400	ug/l	97
78) n-propylbenzene	11.305	91	292459	49.411	ug/l	99
79) 2-Chlorotoluene	11.360	91	178322	49.961	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	208325	51.123	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	24949	54.619	ug/l	92
82) 4-Chlorotoluene	11.451	91	212470	50.222	ug/l	98
83) tert-Butylbenzene	11.713	119	211109	50.891	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	208291	50.527	ug/l	98
85) sec-Butylbenzene	11.890	105	261891	49.133	ug/l	100
86) p-Isopropyltoluene	12.006	119	220115	49.536	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	112914	51.229	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	114501	50.134	ug/l	100
89) n-Butylbenzene	12.329	91	209901	48.101	ug/l	99
90) Hexachloroethane	12.536	117	39338	49.809	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	112973	53.100	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	16891	48.190	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	74963	51.651	ug/l	99
94) Hexachlorobutadiene	13.725	225	31409	46.568	ug/l	97
95) Naphthalene	13.774	128	241084	52.381	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	75311	51.749	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

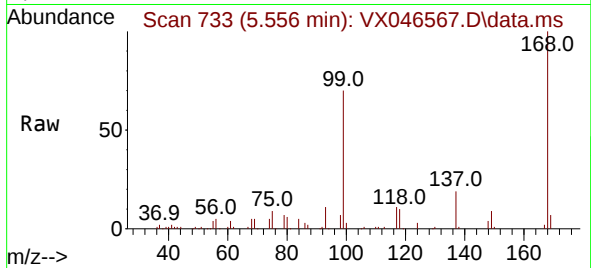
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.012 min
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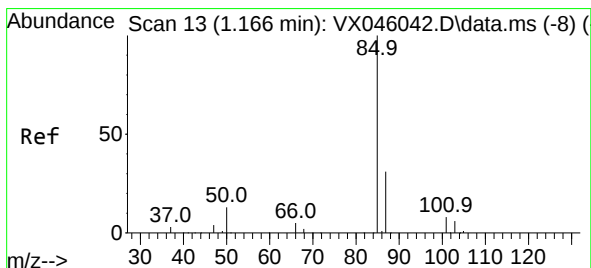
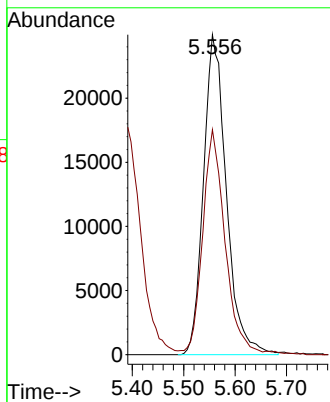
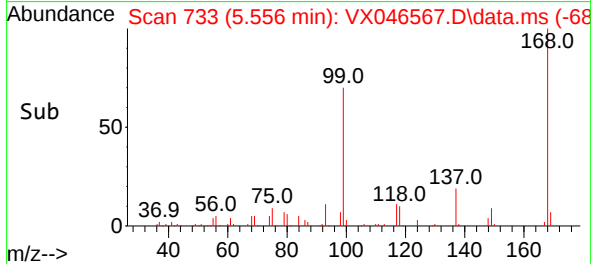
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 76964
Ion Ratio Lower Upper
168 100
99 69.6 54.9 82.3

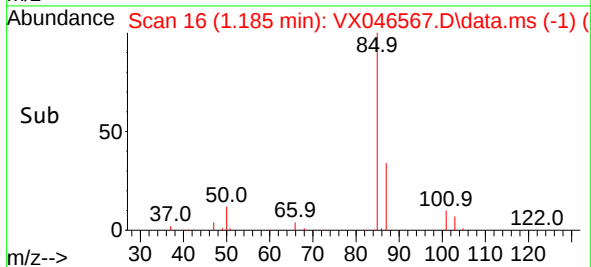
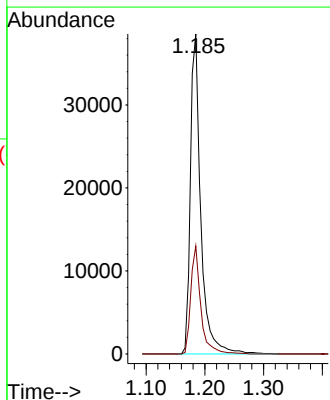
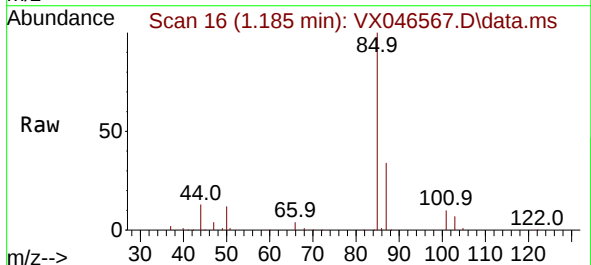
Manual Integrations
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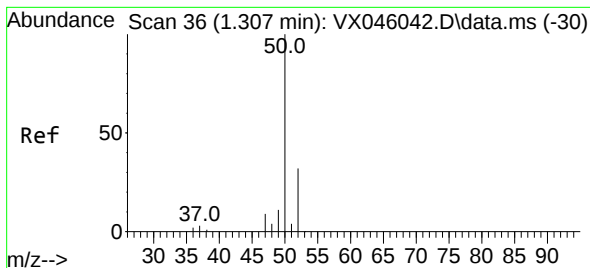
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#2
Dichlorodifluoromethane
Concen: 44.077 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

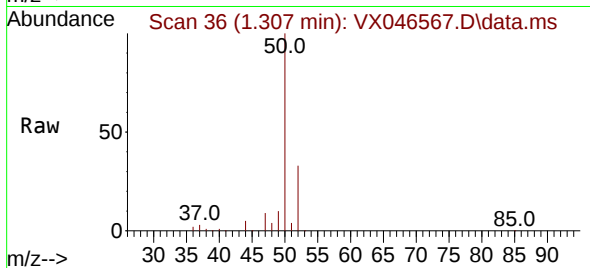
Tgt Ion: 85 Resp: 47096
Ion Ratio Lower Upper
85 100
87 33.7 15.7 47.1





#3
Chloromethane
Concen: 46.848 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

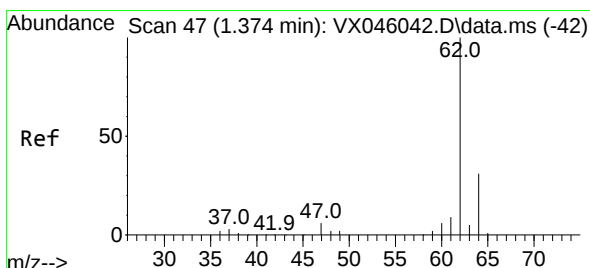
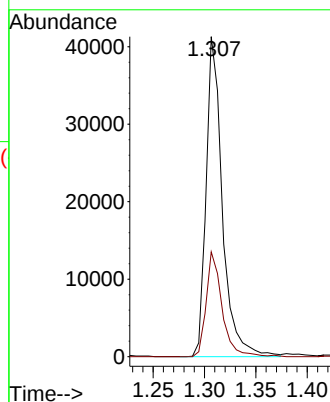
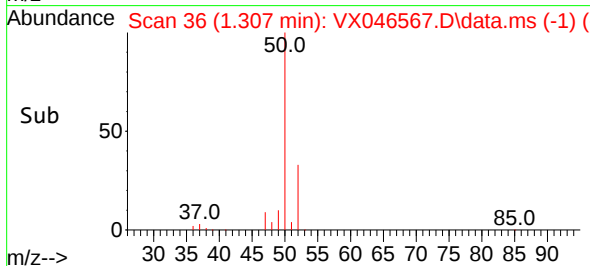
Instrument :
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Tgt Ion: 50 Resp: 4556
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.2

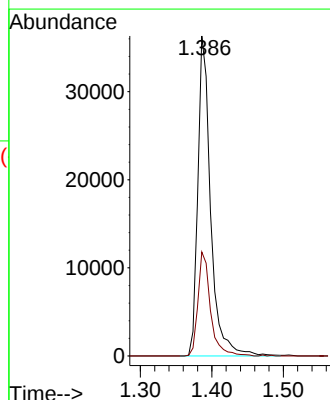
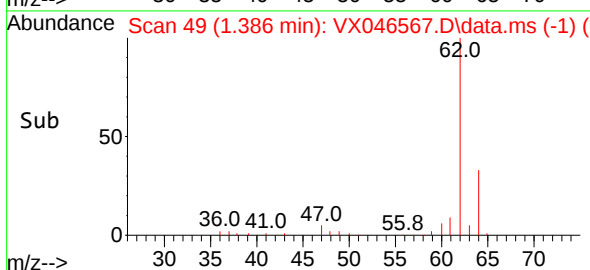
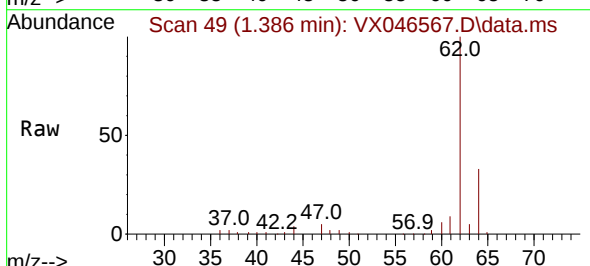
Manual Integrations
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Reviewed By :John Carlone 06/10/2025
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#4
Vinyl Chloride
Concen: 46.612 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

Tgt Ion: 62 Resp: 45191
Ion Ratio Lower Upper
62 100
64 32.5 25.2 37.8





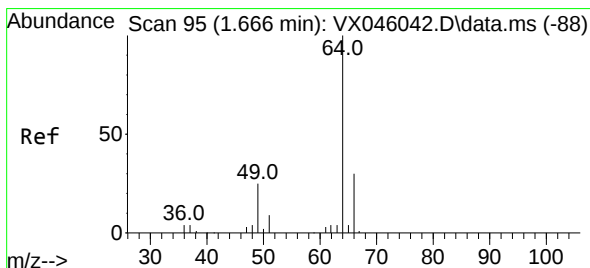
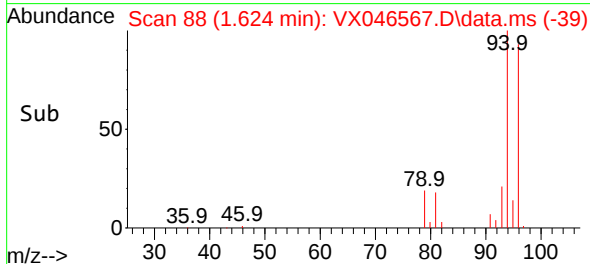
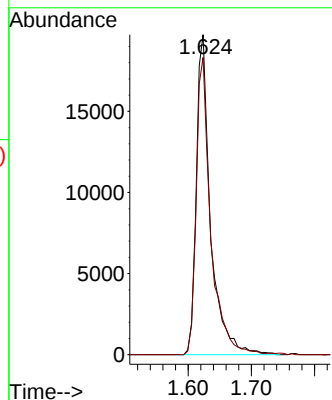
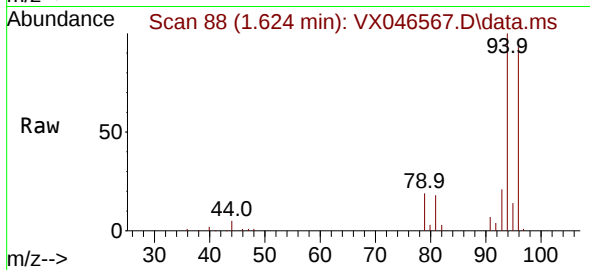
#5
Bromomethane
Concen: 52.493 ug/l
RT: 1.624 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 30890
Ion Ratio Lower Upper
94 100
96 92.9 72.8 109.2

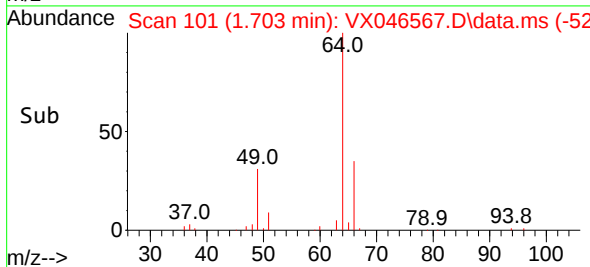
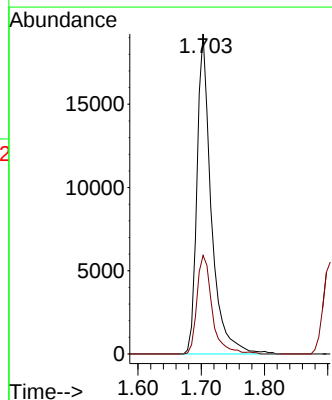
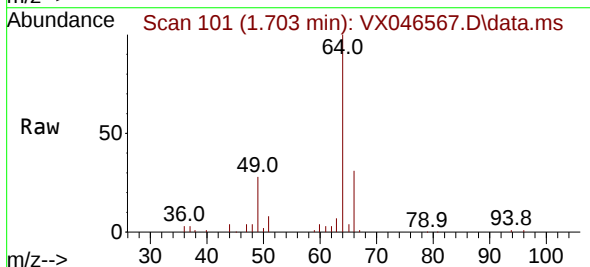
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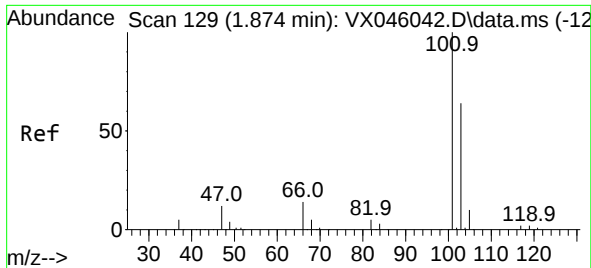
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#6
Chloroethane
Concen: 48.010 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

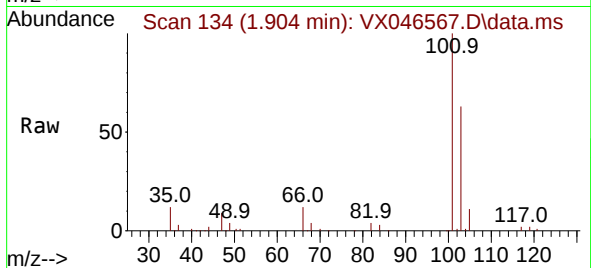
Tgt Ion: 64 Resp: 30200
Ion Ratio Lower Upper
64 100
66 30.8 24.3 36.5





#7
 Trichlorofluoromethane
 Concen: 48.614 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046567.D
 Acq: 09 Jun 2025 09:03

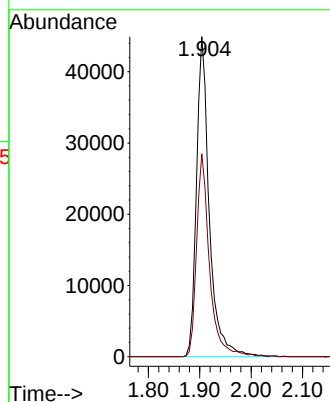
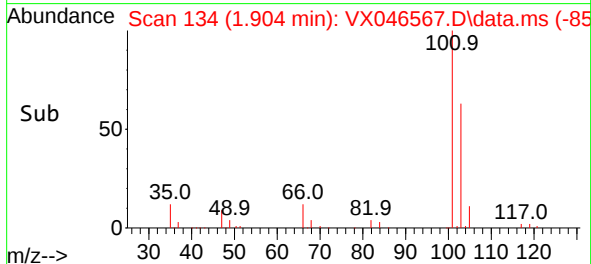
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 7798
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.0 76.4

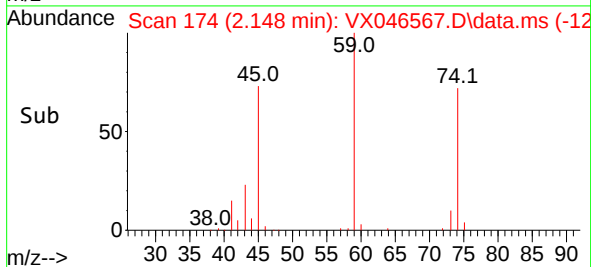
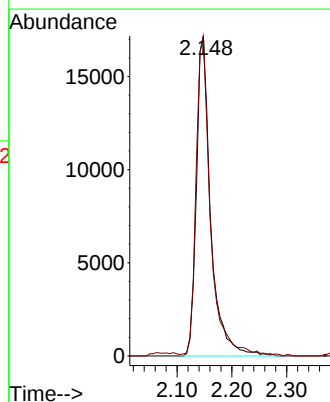
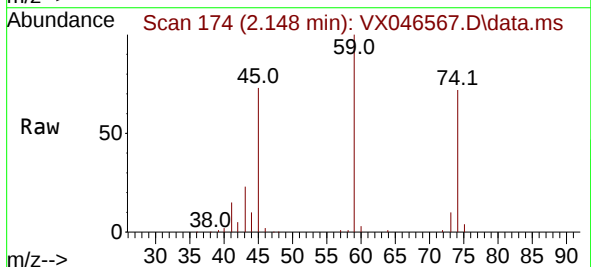
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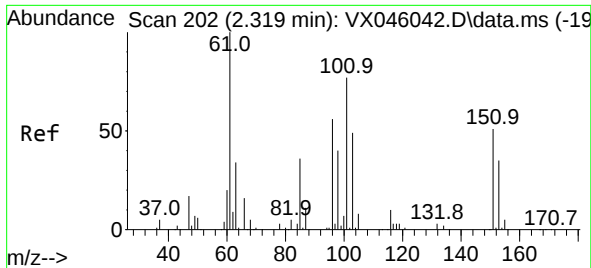
Reviewed By :John Carlone 06/10/2025
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#8
 Diethyl Ether
 Concen: 54.954 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. -0.006 min
 Lab File: VX046567.D
 Acq: 09 Jun 2025 09:03

Tgt Ion: 74 Resp: 31146
 Ion Ratio Lower Upper
 74 100
 45 99.7 54.9 164.8





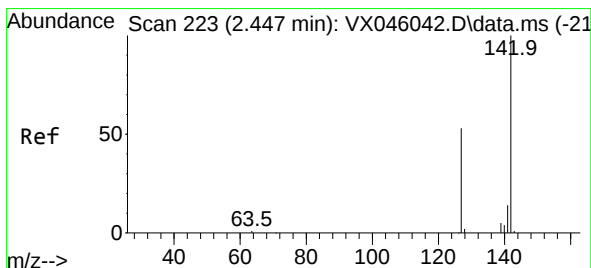
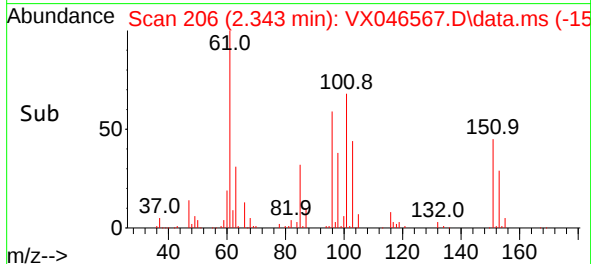
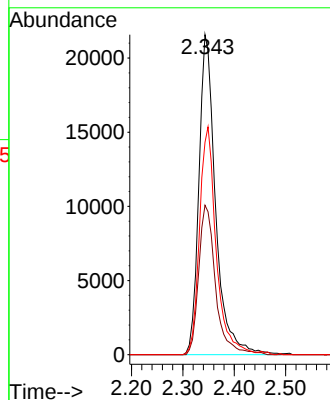
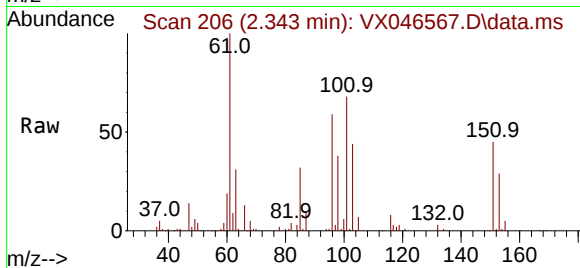
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.205 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

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Tgt Ion:101 Resp: 4871
Ion Ratio Lower Upper
101 100
85 47.3 38.6 58.0
151 71.0 55.2 82.8

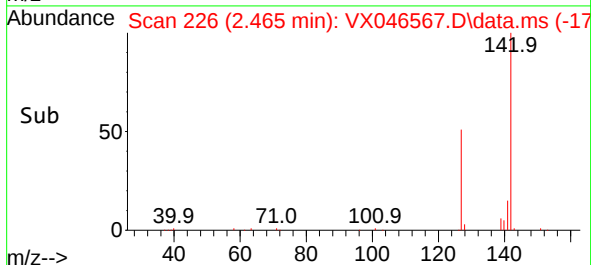
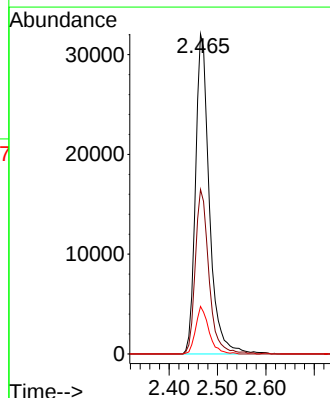
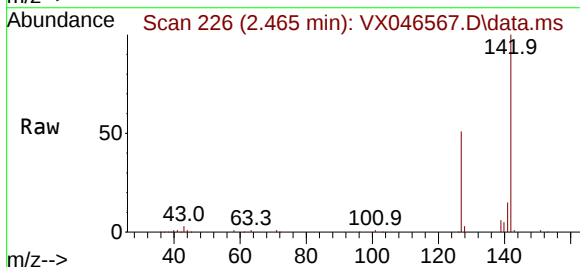
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#10
Methyl Iodide
Concen: 58.188 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

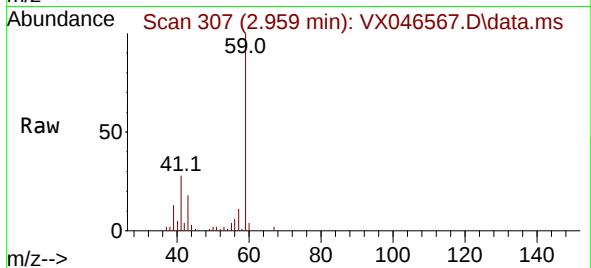
Tgt Ion:142 Resp: 63747
Ion Ratio Lower Upper
142 100
127 50.5 41.7 62.5
141 14.2 11.5 17.3





#11
Tert butyl alcohol
Concen: 211.060 ug/l
RT: 2.959 min Scan# 30
Delta R.T. -0.012 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

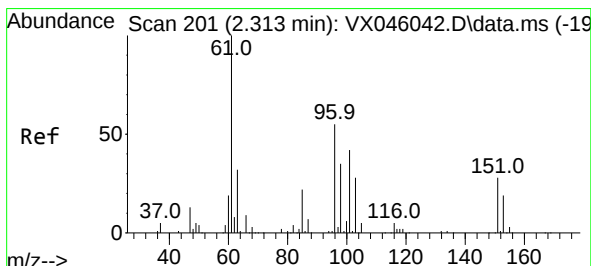
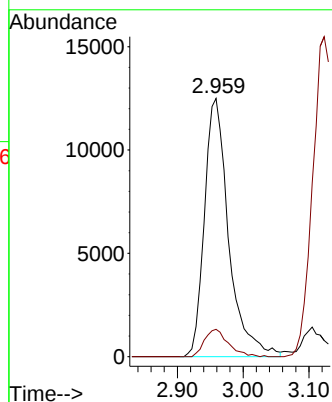
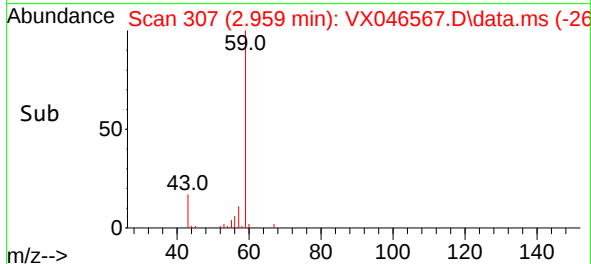
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



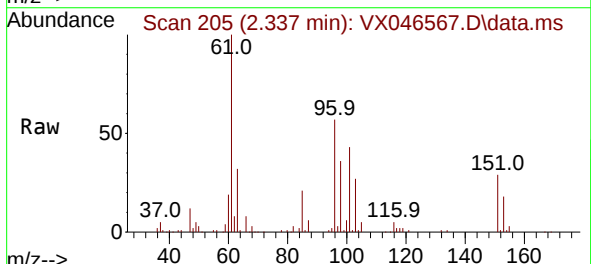
Tgt Ion: 59 Resp: 3206
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8

Manual Integrations
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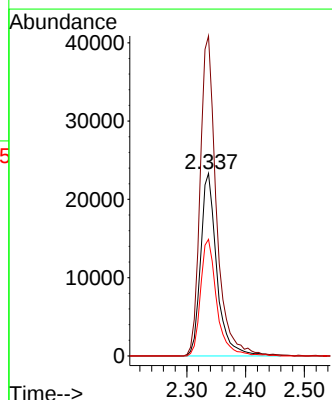
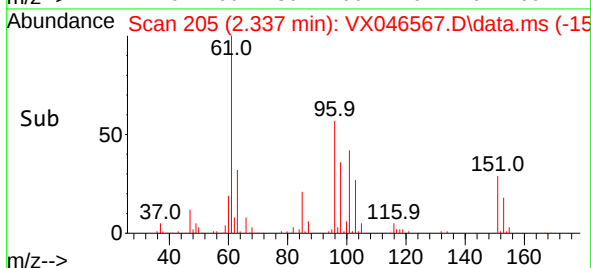
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

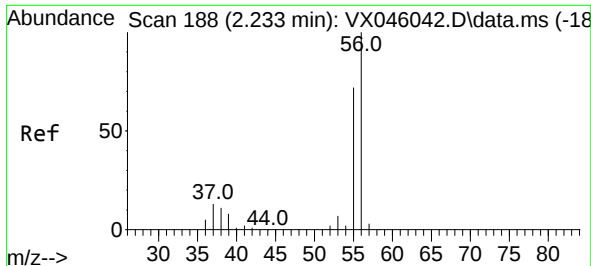


#12
1,1-Dichloroethene
Concen: 49.146 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03



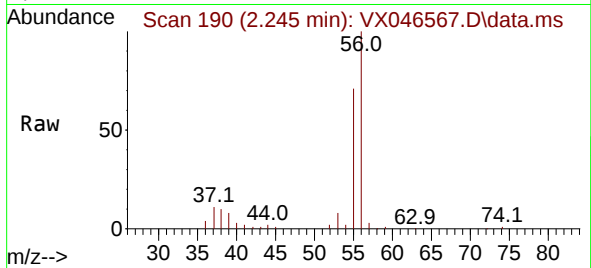
Tgt Ion: 96 Resp: 44907
Ion Ratio Lower Upper
96 100
61 175.3 146.2 219.2
98 63.9 51.0 76.6





#13
Acrolein
Concen: 232.271 ug/l
RT: 2.245 min Scan# 190
Delta R.T. -0.006 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

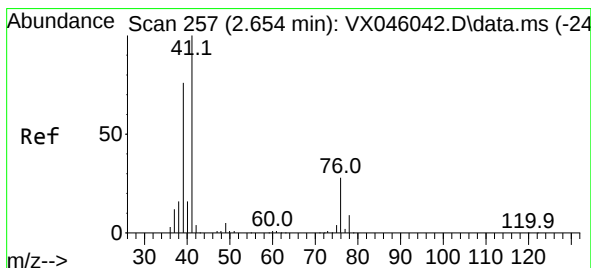
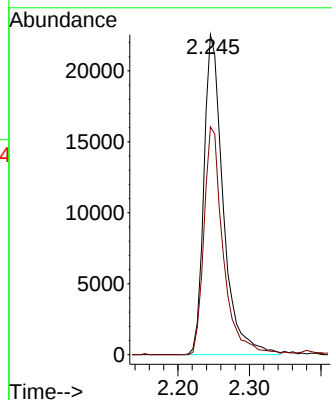
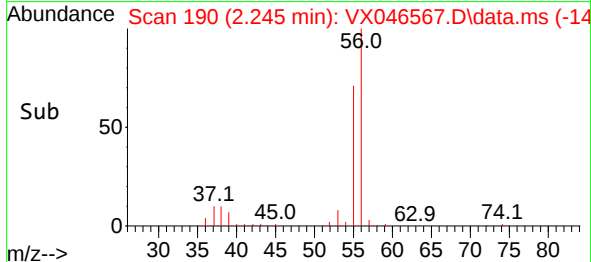
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 42238
Ion Ratio Lower Upper
56 100
55 71.3 56.2 84.4

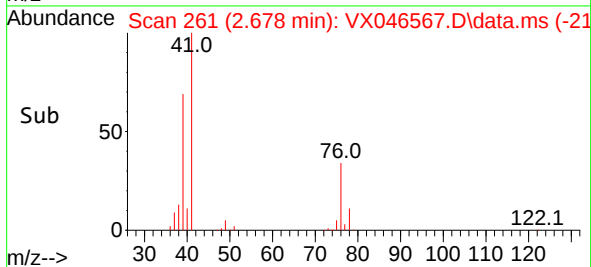
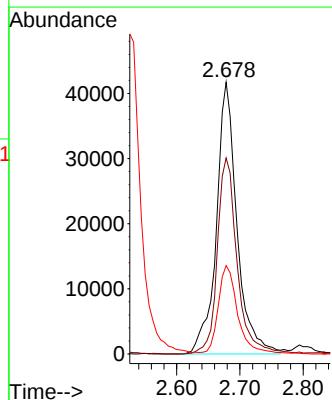
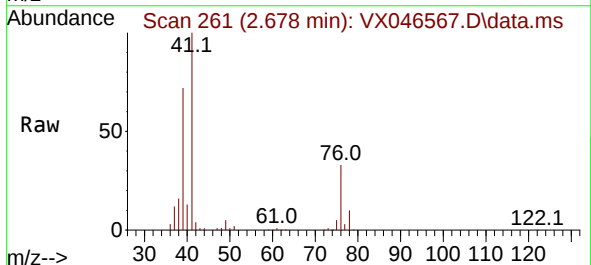
Manual Integrations
APPROVED

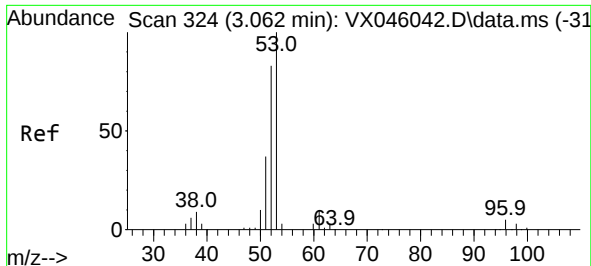
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#14
Allyl chloride
Concen: 52.551 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.006 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

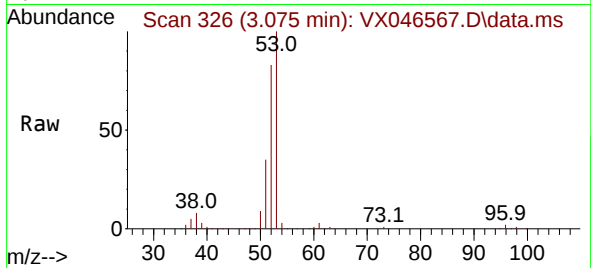
Tgt Ion: 41 Resp: 94306
Ion Ratio Lower Upper
41 100
39 69.5 60.6 90.8
76 30.9 24.9 37.3





#15
Acrylonitrile
Concen: 257.439 ug/l
RT: 3.075 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

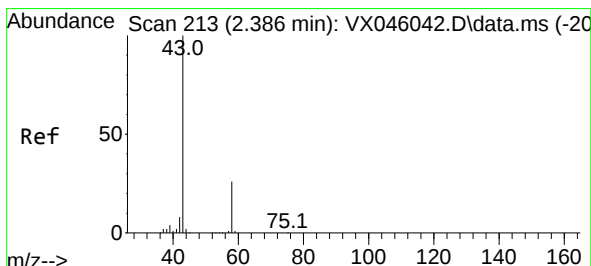
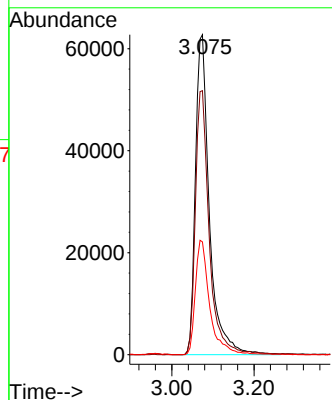
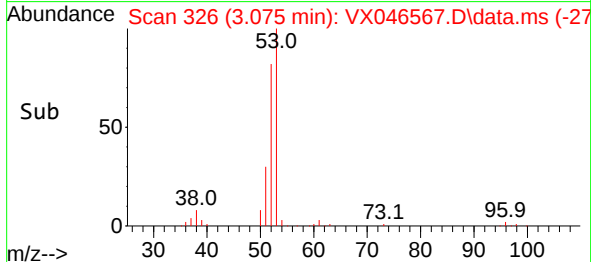
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 14789
Ion Ratio Lower Upper
53 100
52 82.1 65.3 97.9
51 37.0 29.8 44.8

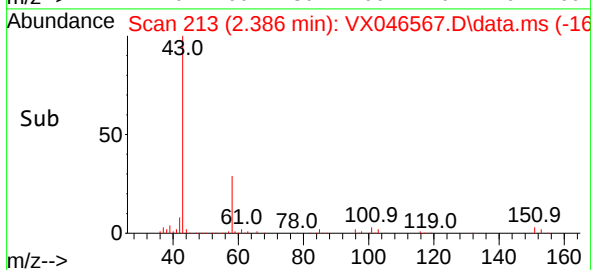
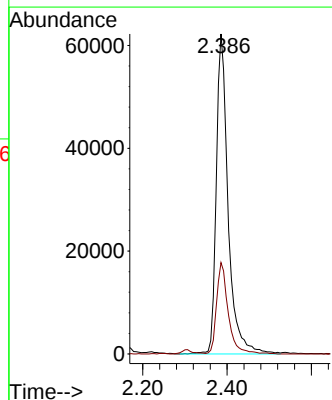
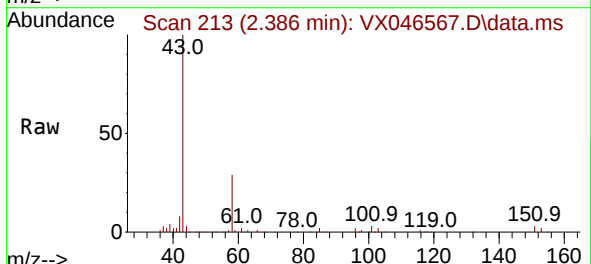
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#16
Acetone
Concen: 225.971 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

Tgt Ion: 43 Resp: 121262
Ion Ratio Lower Upper
43 100
58 28.5 21.2 31.8





#17

Carbon Disulfide

Concen: 49.583 ug/l

RT: 2.526 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX046567.D

Acq: 09 Jun 2025 09:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 96190

Ion Ratio Lower Upper

76 100

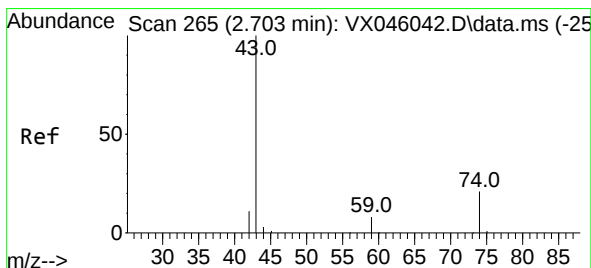
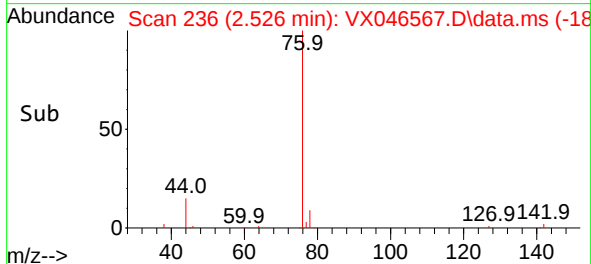
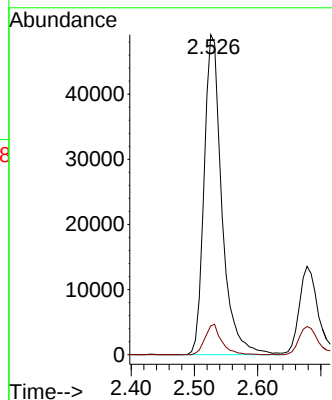
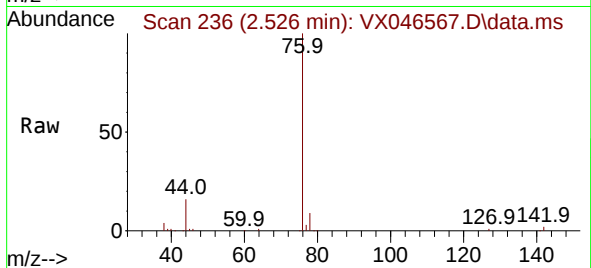
78 9.0 7.0 10.4

Manual Integrations

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Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#18

Methyl Acetate

Concen: 53.483 ug/l

RT: 2.715 min Scan# 267

Delta R.T. -0.006 min

Lab File: VX046567.D

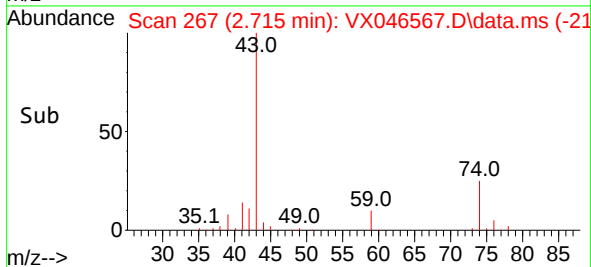
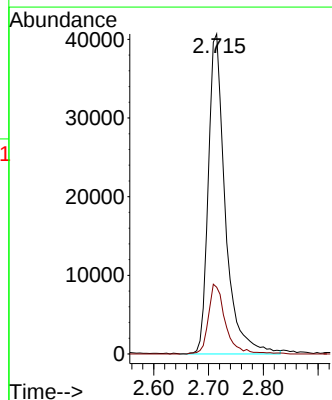
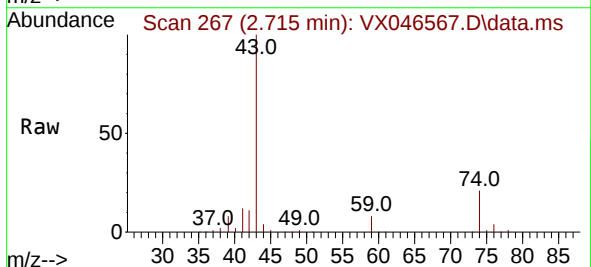
Acq: 09 Jun 2025 09:03

Tgt Ion: 43 Resp: 87230

Ion Ratio Lower Upper

43 100

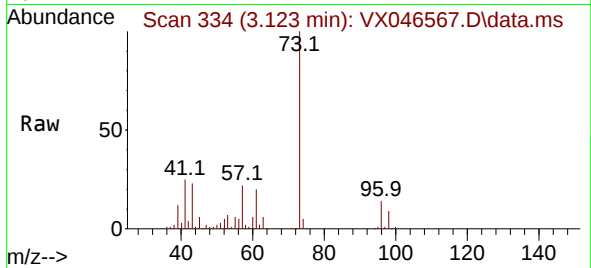
74 21.9 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 58.441 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

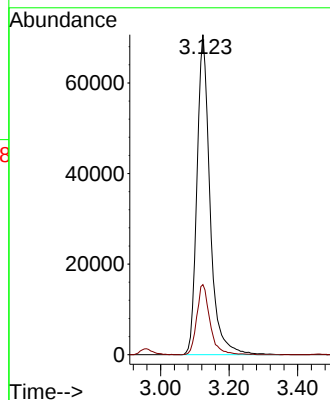
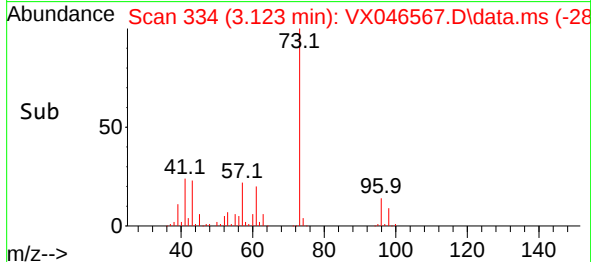
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 18685
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5

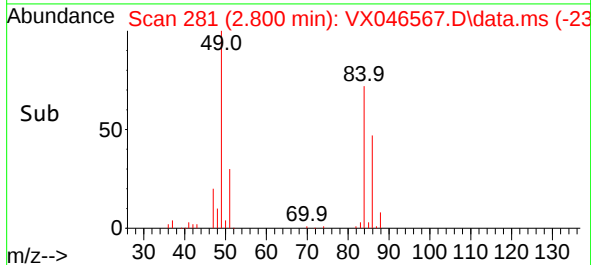
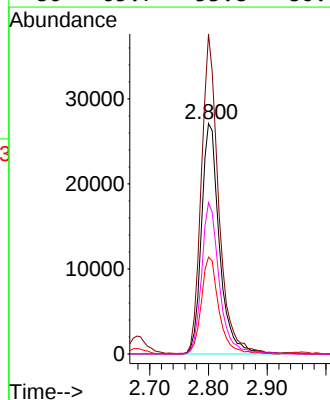
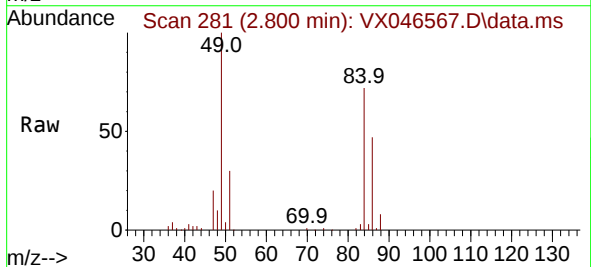
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#20
Methylene Chloride
Concen: 52.364 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

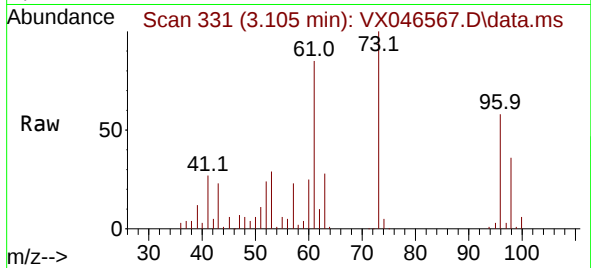
Tgt Ion: 84 Resp: 57522
Ion Ratio Lower Upper
84 100
49 138.6 113.9 170.9
51 42.0 33.5 50.3
86 65.7 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 49.170 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

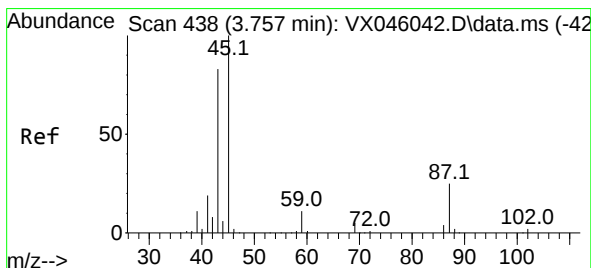
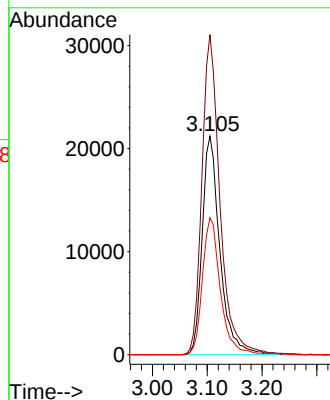
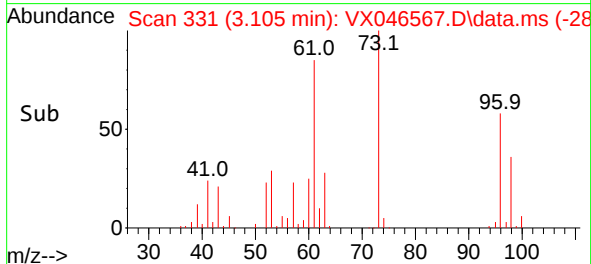
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 4754
Ion Ratio Lower Upper
96 100
61 146.5 119.5 179.3
98 62.7 50.0 75.0

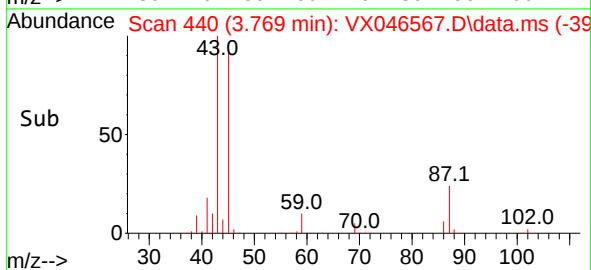
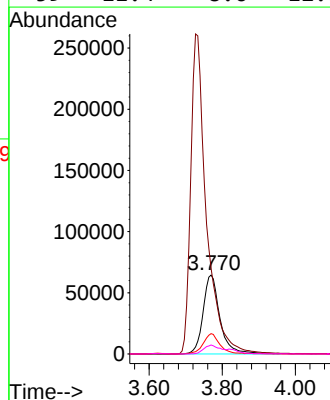
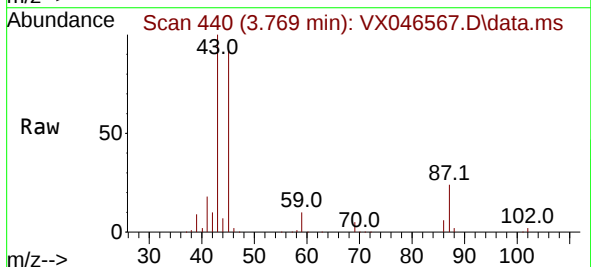
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#22
Diisopropyl ether
Concen: 58.229 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.013 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

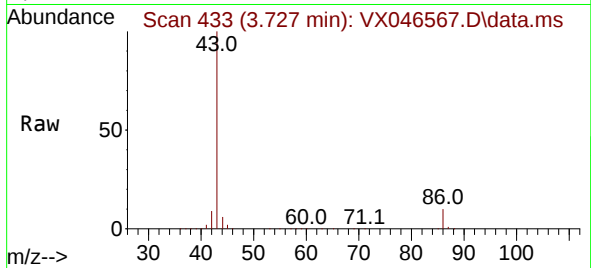
Tgt Ion: 45 Resp: 206016
Ion Ratio Lower Upper
45 100
43 108.1 66.6 100.0#
87 25.7 19.8 29.6
59 11.4 8.6 12.8





#23
 Vinyl Acetate
 Concen: 287.662 ug/l
 RT: 3.727 min Scan# 415
 Delta R.T. -0.012 min
 Lab File: VX046567.D
 Acq: 09 Jun 2025 09:03

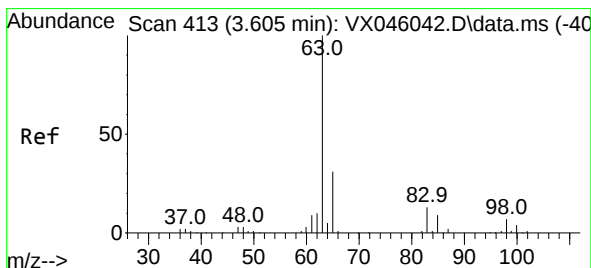
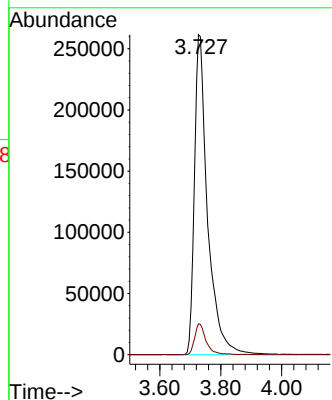
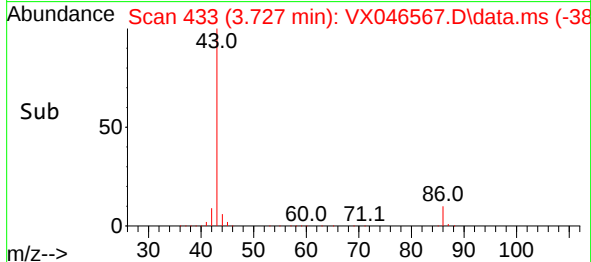
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



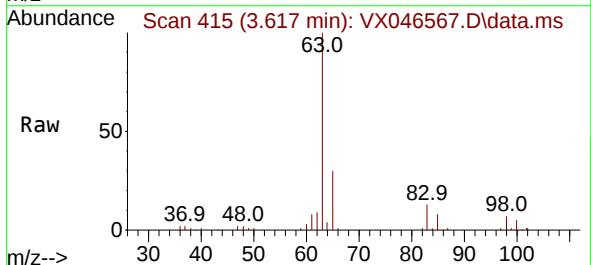
Tgt Ion: 43 Resp: 785768
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.5 11.3

Manual Integrations
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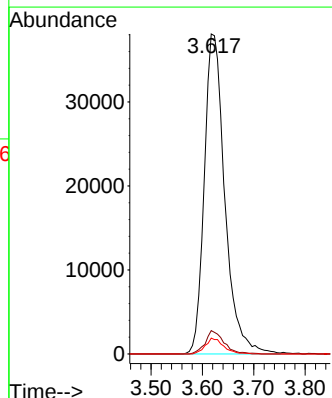
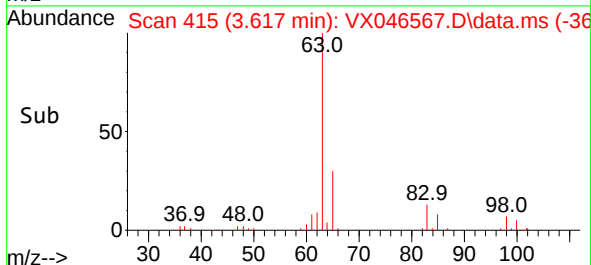
Reviewed By :John Carlone 06/10/2025
 Supervised By :Mahesh Dadoda 06/10/2025

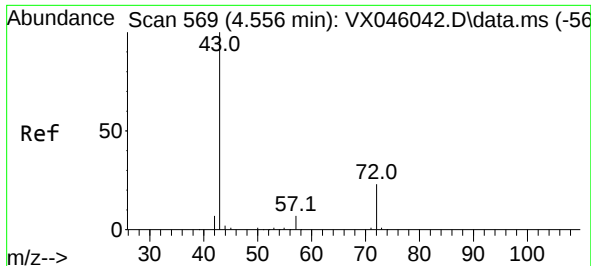


#24
 1,1-Dichloroethane
 Concen: 53.637 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.012 min
 Lab File: VX046567.D
 Acq: 09 Jun 2025 09:03



Tgt Ion: 63 Resp: 105765
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 4.9 2.1 6.3





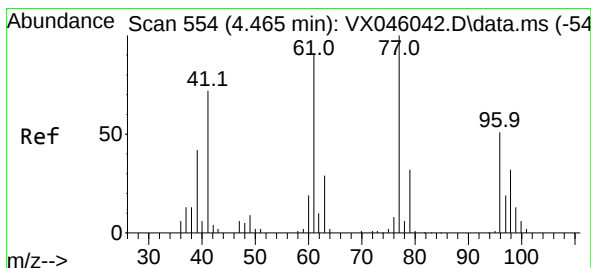
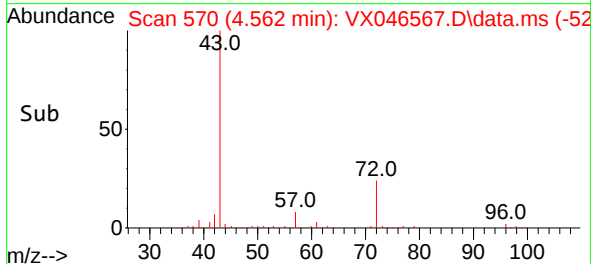
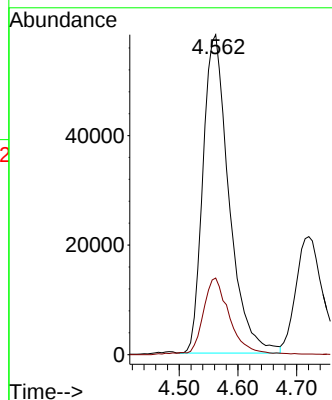
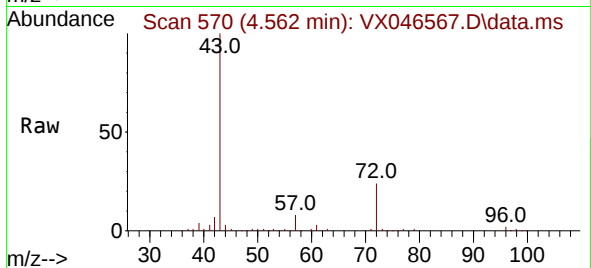
#25
2-Butanone
Concen: 234.894 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.012 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 17904
Ion Ratio Lower Upper
43 100
72 23.6 18.4 27.6

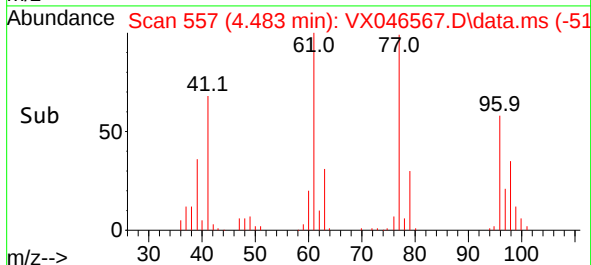
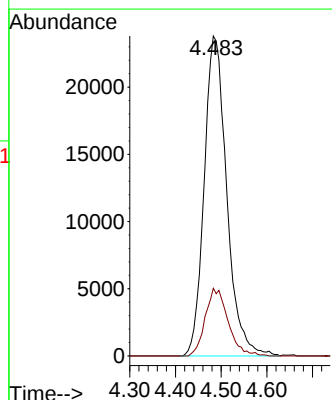
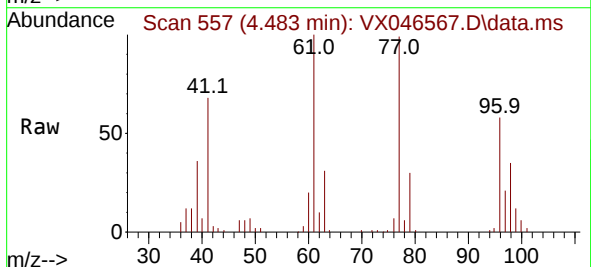
Manual Integrations
APPROVED

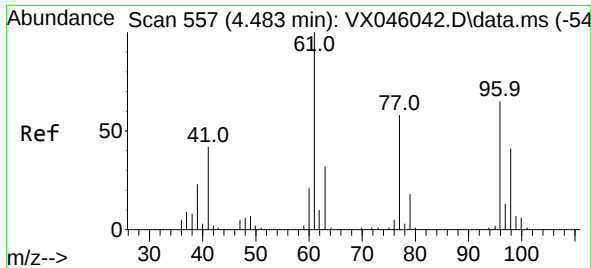
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#26
2,2-Dichloropropane
Concen: 55.775 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

Tgt Ion: 77 Resp: 81646
Ion Ratio Lower Upper
77 100
97 21.3 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 53.300 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.012 min

Lab File: VX046567.D

Acq: 09 Jun 2025 09:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 63449

Ion Ratio Lower Upper

96 100

61 156.0 0.0 322.8

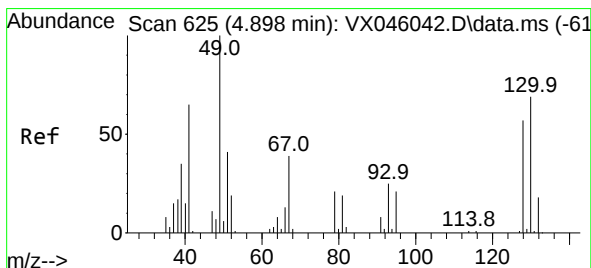
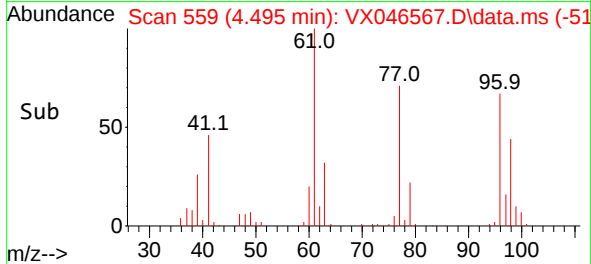
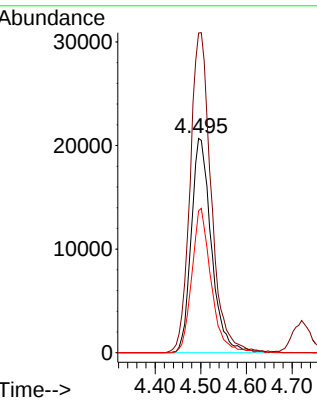
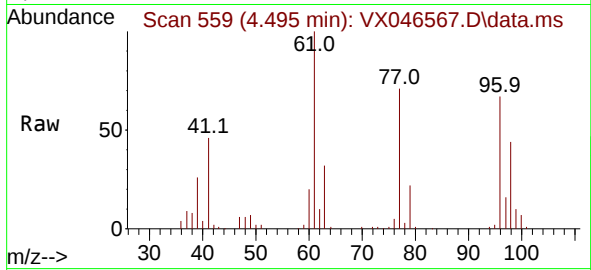
98 64.4 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#28

Bromochloromethane

Concen: 54.563 ug/l

RT: 4.903 min Scan# 626

Delta R.T. -0.013 min

Lab File: VX046567.D

Acq: 09 Jun 2025 09:03

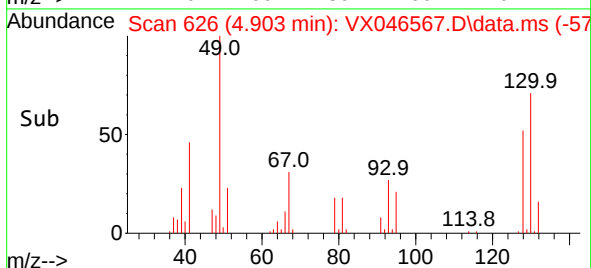
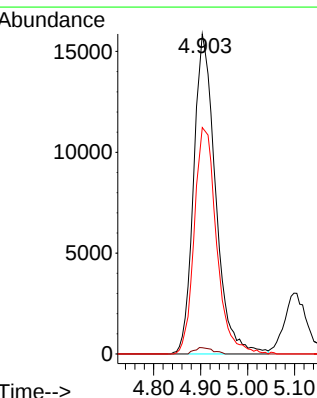
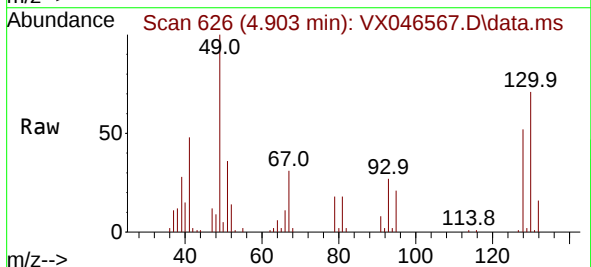
Tgt Ion: 49 Resp: 51316

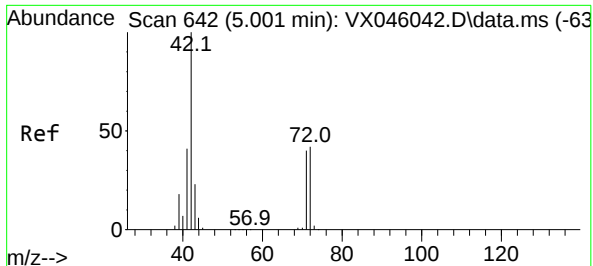
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.0

130 71.9 56.2 84.2





#29

Tetrahydrofuran

Concen: 239.348 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX046567.D

Acq: 09 Jun 2025 09:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 115218

Ion Ratio Lower Upper

42 100

72 41.1 33.7 50.5

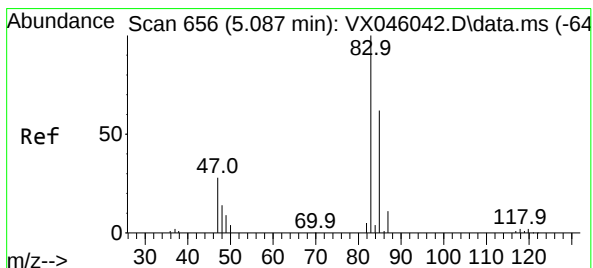
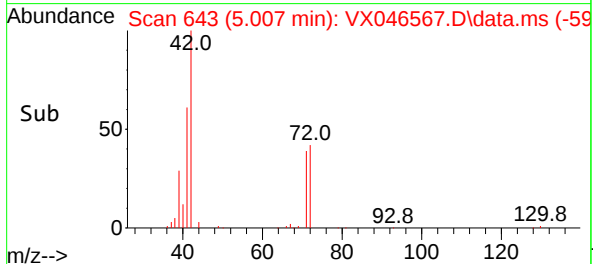
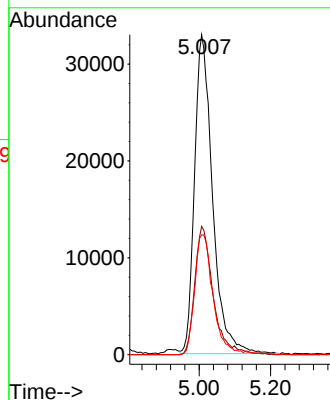
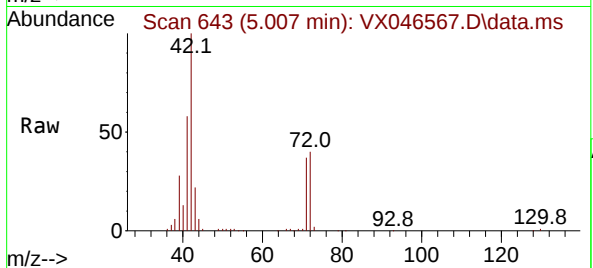
71 38.1 31.4 47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#30

Chloroform

Concen: 54.525 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.012 min

Lab File: VX046567.D

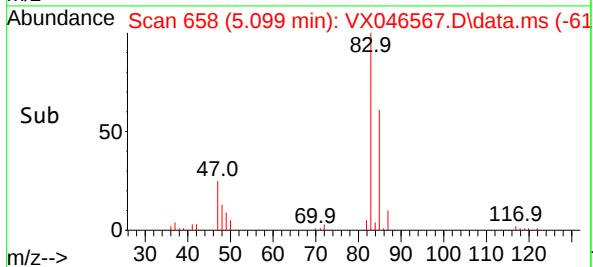
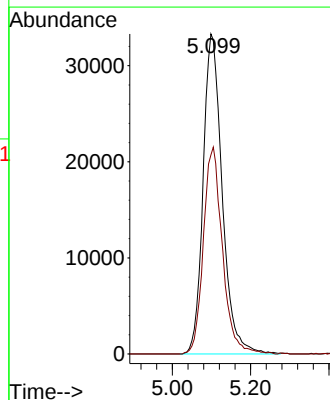
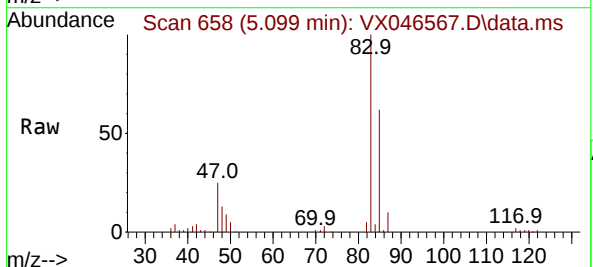
Acq: 09 Jun 2025 09:03

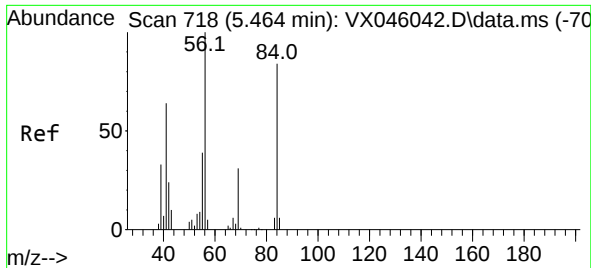
Tgt Ion: 83 Resp: 112654

Ion Ratio Lower Upper

83 100

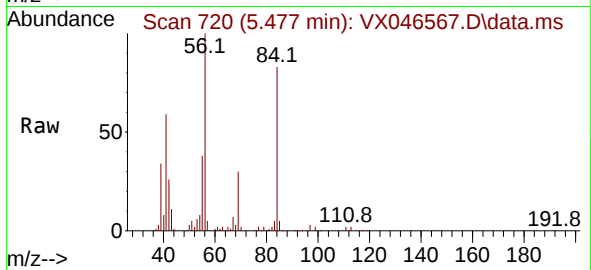
85 62.2 49.3 73.9





#31
Cyclohexane
Concen: 46.817 ug/l
RT: 5.477 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

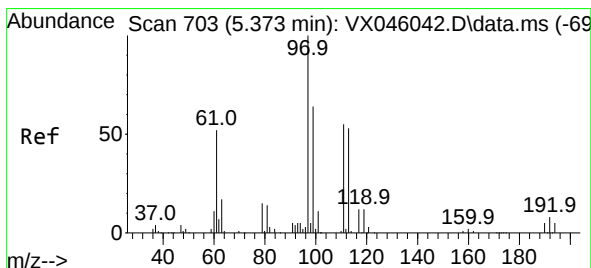
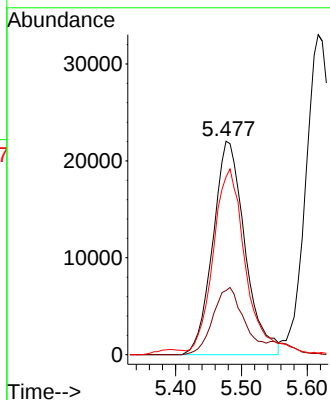
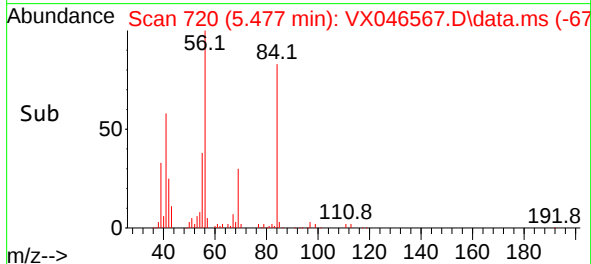
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 7452
Ion Ratio Lower Upper
56 100
69 30.1 24.4 36.6
84 81.2 66.9 100.3

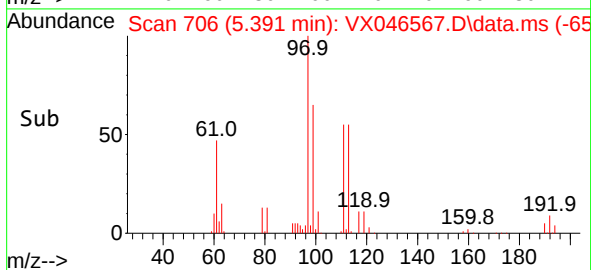
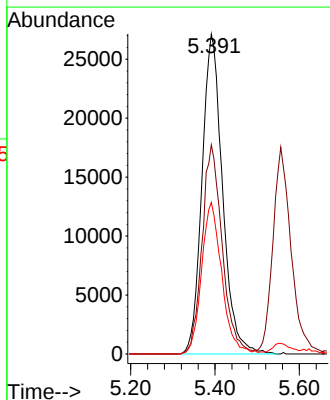
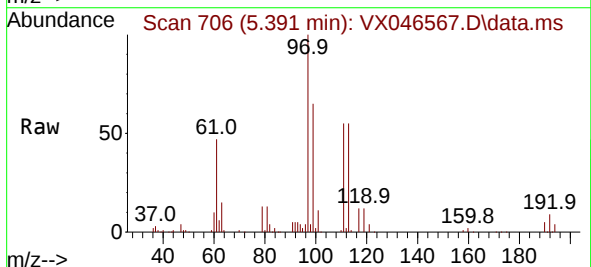
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#32
1,1,1-Trichloroethane
Concen: 52.029 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

Tgt Ion: 97 Resp: 91952
Ion Ratio Lower Upper
97 100
99 64.0 51.8 77.6
61 46.7 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 47.658 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.006 min

Lab File: VX046567.D

Acq: 09 Jun 2025 09:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 6525

Ion Ratio Lower Upper

65 100

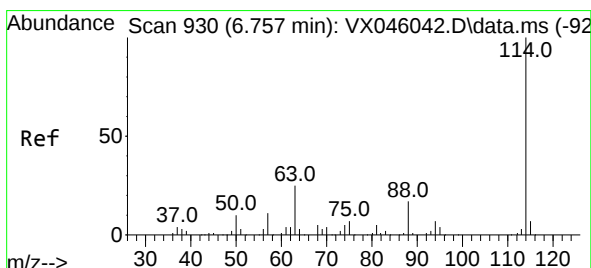
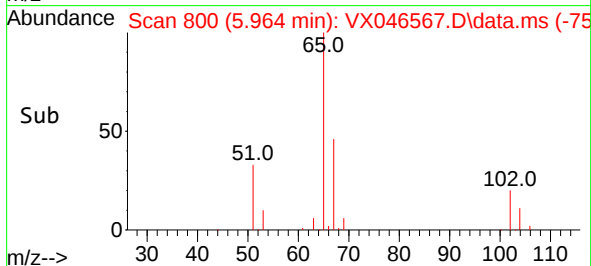
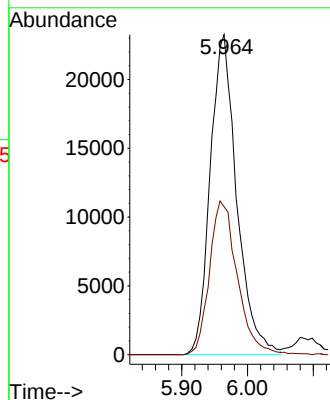
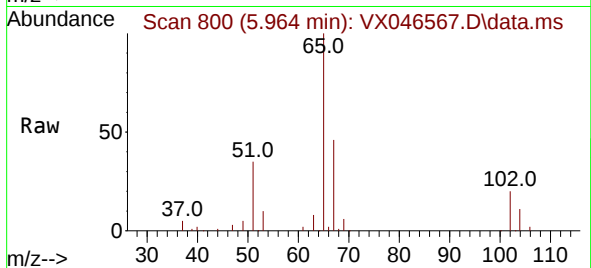
67 50.5 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.012 min

Lab File: VX046567.D

Acq: 09 Jun 2025 09:03

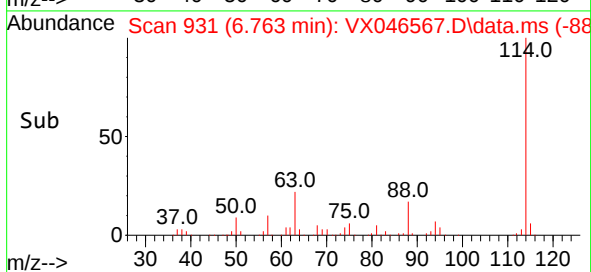
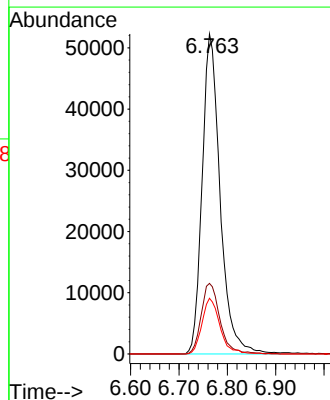
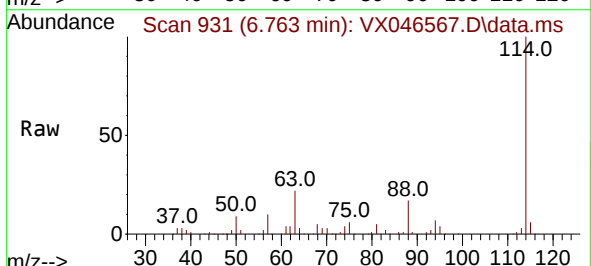
Tgt Ion:114 Resp: 135136

Ion Ratio Lower Upper

114 100

63 22.0 0.0 49.2

88 17.4 0.0 33.6





#35

Dibromofluoromethane

Concen: 49.633 ug/l

RT: 5.391 min Scan# 704

Delta R.T. -0.012 min

Lab File: VX046567.D

Acq: 09 Jun 2025 09:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 4932

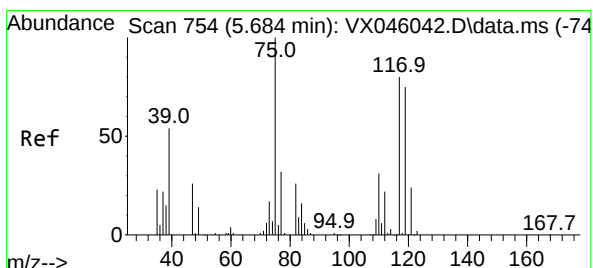
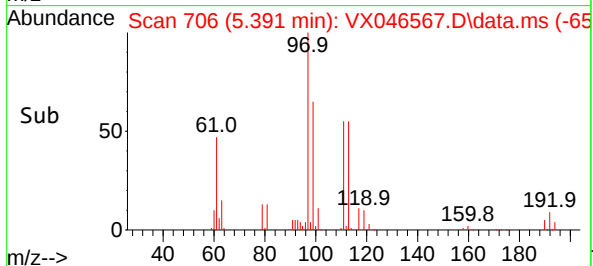
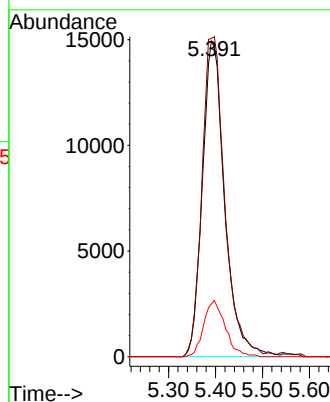
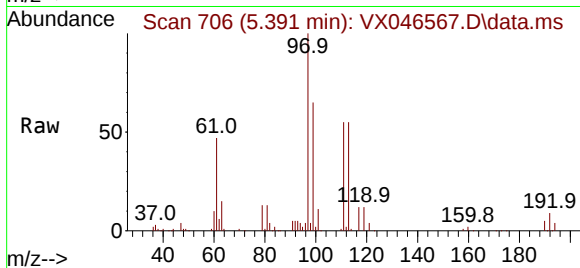
Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.1	124.7
192	17.2	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#36

1,1-Dichloropropene

Concen: 46.546 ug/l

RT: 5.696 min Scan# 756

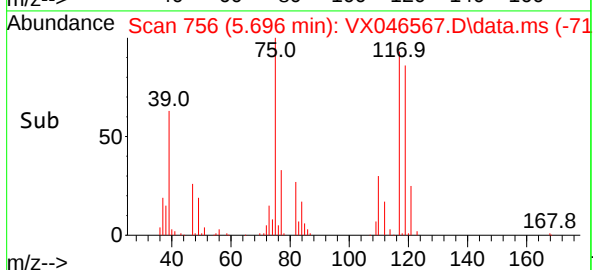
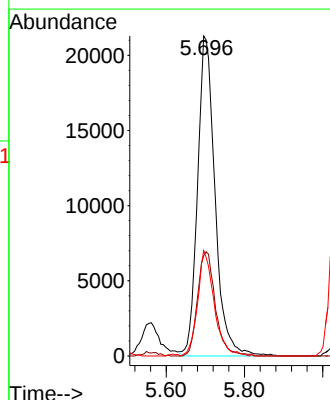
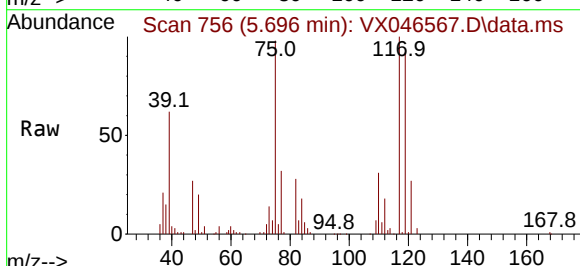
Delta R.T. -0.018 min

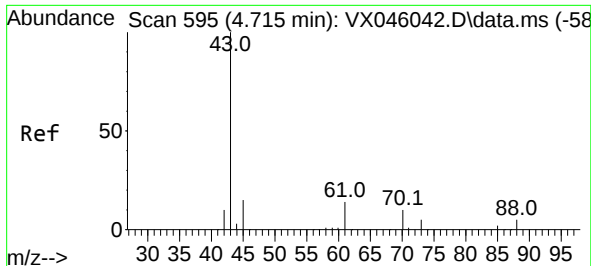
Lab File: VX046567.D

Acq: 09 Jun 2025 09:03

Tgt Ion: 75 Resp: 66074

Ion	Ratio	Lower	Upper
75	100		
110	33.1	16.3	48.9
77	31.2	24.3	36.5





#37

Ethyl Acetate

Concen: 52.083 ug/l

RT: 4.721 min Scan# 595

Delta R.T. -0.012 min

Lab File: VX046567.D

Acq: 09 Jun 2025 09:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 72159

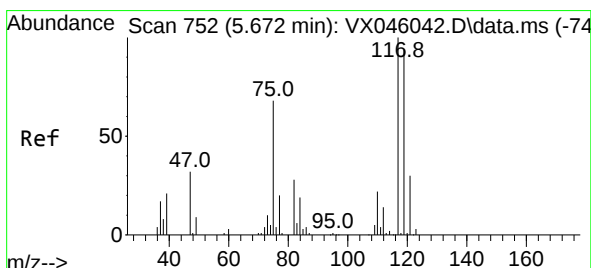
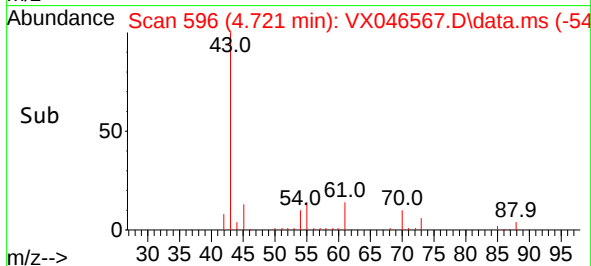
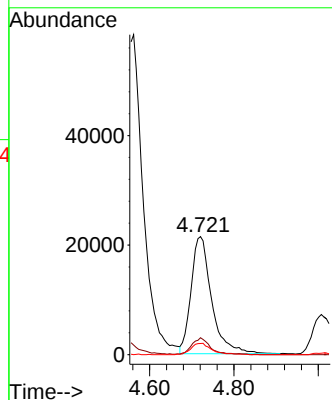
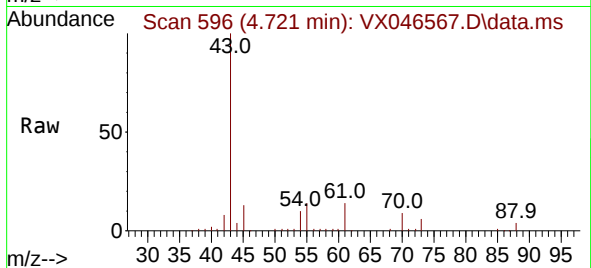
Ion	Ratio	Lower	Upper
43	100		
61	11.9	10.3	15.5
70	9.9	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#38

Carbon Tetrachloride

Concen: 49.879 ug/l

RT: 5.684 min Scan# 754

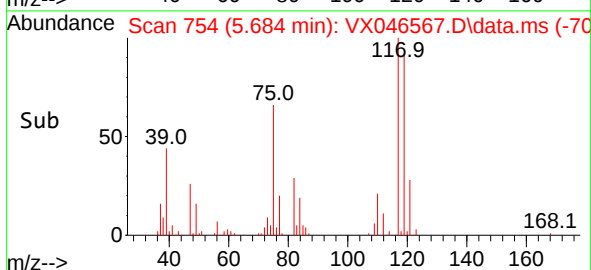
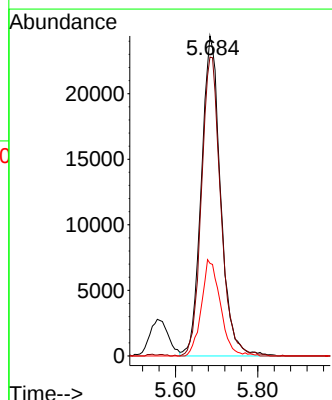
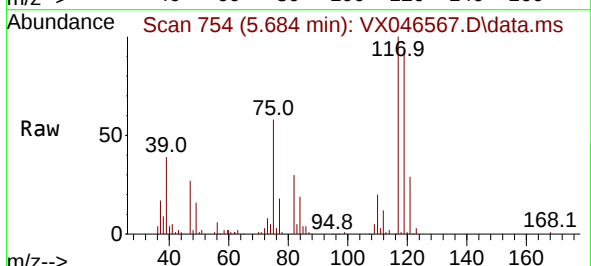
Delta R.T. -0.012 min

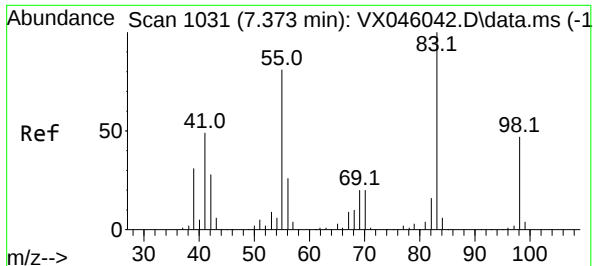
Lab File: VX046567.D

Acq: 09 Jun 2025 09:03

Tgt Ion:117 Resp: 79307

Ion	Ratio	Lower	Upper
117	100		
119	93.4	75.2	112.8
121	29.0	24.2	36.4





#39
Methylcyclohexane
Concen: 46.341 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

Instrument :

MSVOA_X

ClientSampleId :

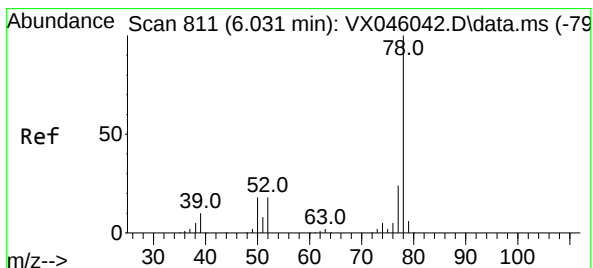
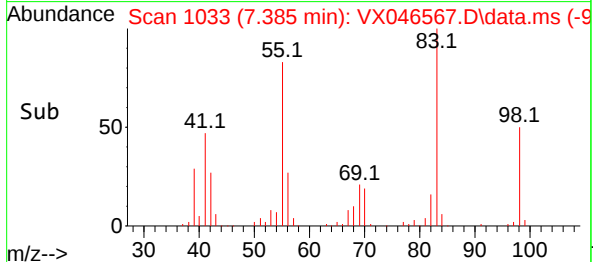
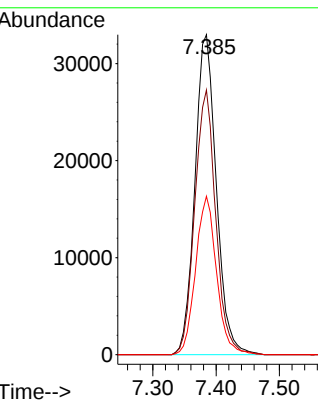
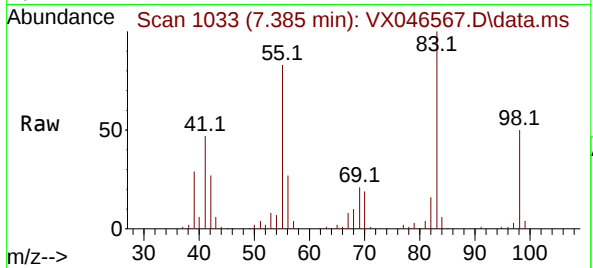
VSTDCCC050

Tgt Ion: 83 Resp: 77640
Ion Ratio Lower Upper
83 100
55 82.7 64.7 97.1
98 49.5 37.4 56.2

Manual Integrations

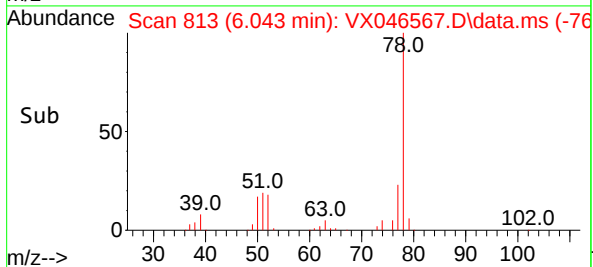
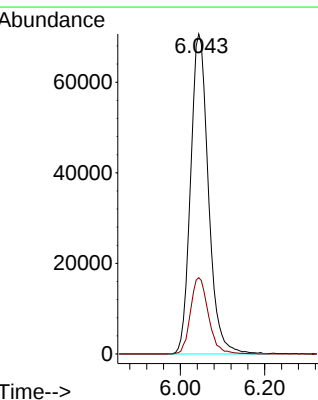
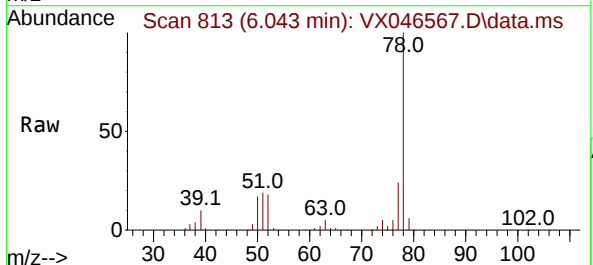
APPROVED

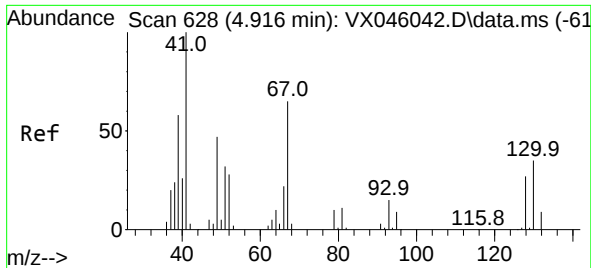
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#40
Benzene
Concen: 52.034 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.013 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

Tgt Ion: 78 Resp: 207942
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4





#41
Methacrylonitrile
Concen: 51.155 ug/l
RT: 4.928 min Scan# 611
Delta R.T. -0.006 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

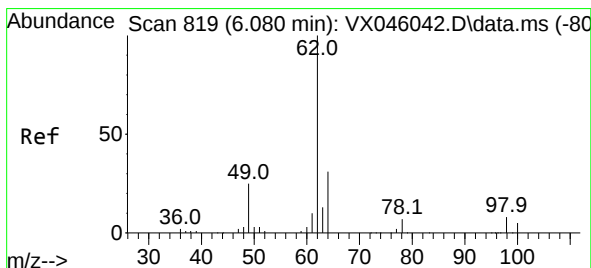
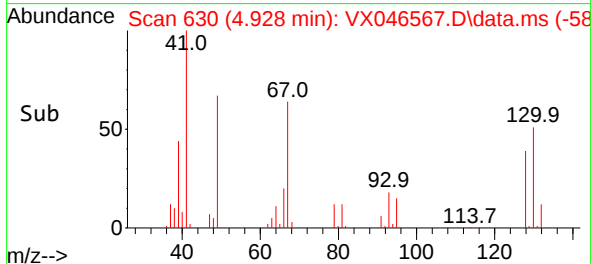
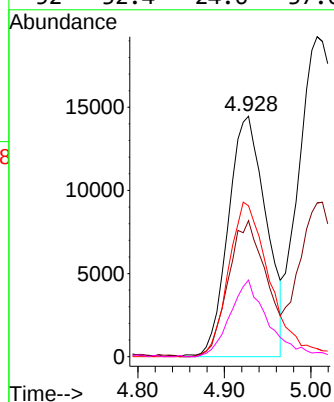
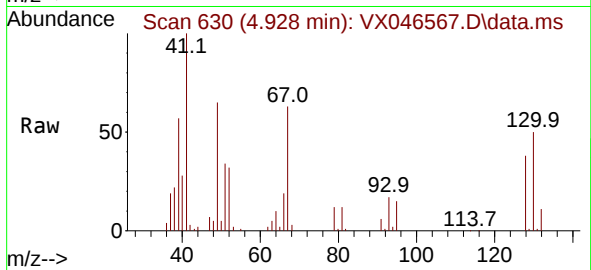
Tgt Ion: 41 Resp: 44012
Ion Ratio Lower Upper
41 100
39 56.4 47.2 70.8
67 70.6 50.7 76.1
52 32.4 24.6 37.0

Manual Integrations

APPROVED

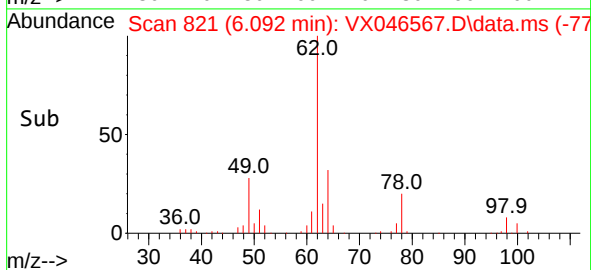
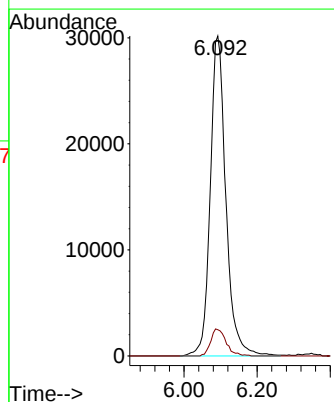
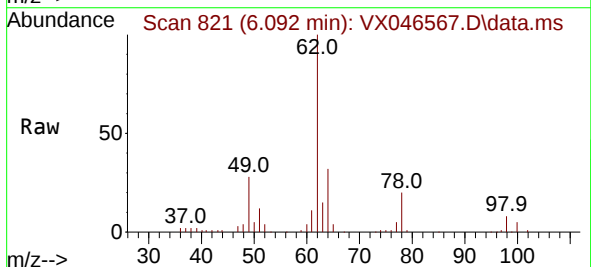
Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#42
1,2-Dichloroethane
Concen: 53.708 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

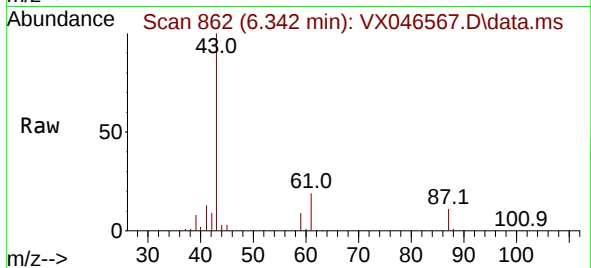
Tgt Ion: 62 Resp: 89292
Ion Ratio Lower Upper
62 100
98 8.4 0.0 15.2





#43
Isopropyl Acetate
Concen: 52.788 ug/l
RT: 6.342 min Scan# 80
Delta R.T. -0.012 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

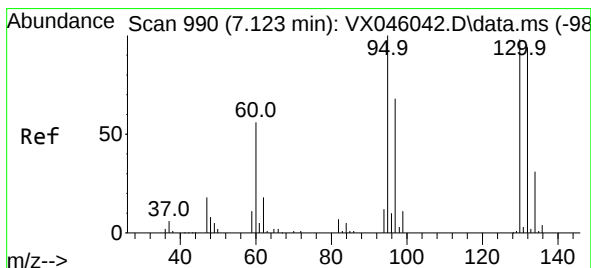
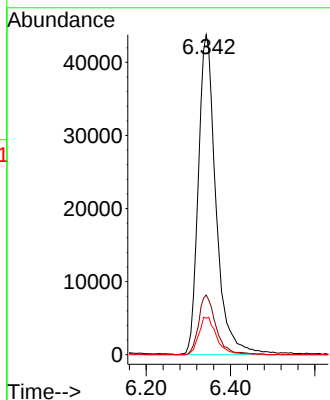
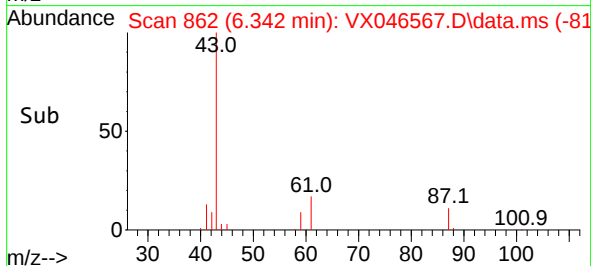
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



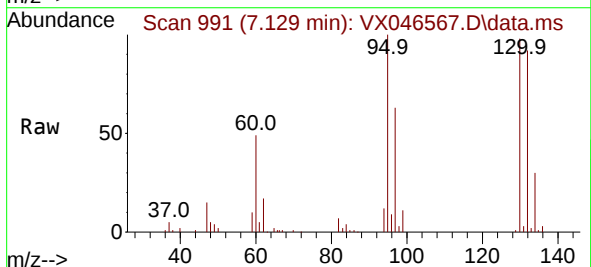
Tgt Ion: 43 Resp: 12750
Ion Ratio Lower Upper
43 100
61 18.4 14.3 21.5
87 11.9 9.5 14.3

Manual Integrations
APPROVED

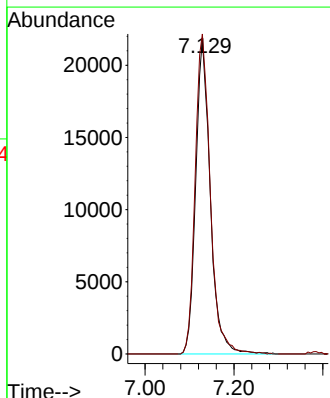
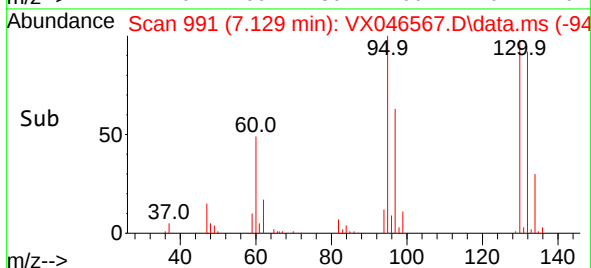
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

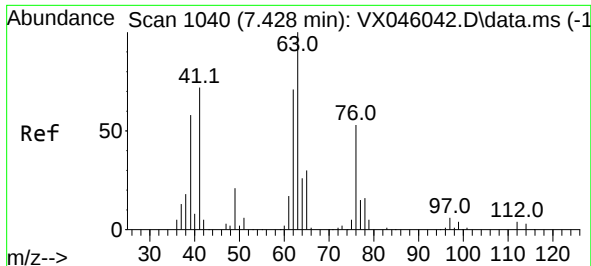


#44
Trichloroethene
Concen: 48.949 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03



Tgt Ion:130 Resp: 49703
Ion Ratio Lower Upper
130 100
95 101.5 0.0 204.2





#45

1,2-Dichloropropane

Concen: 56.032 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.007 min

Lab File: VX046567.D

Acq: 09 Jun 2025 09:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 5779

Ion Ratio Lower Upper

63 100

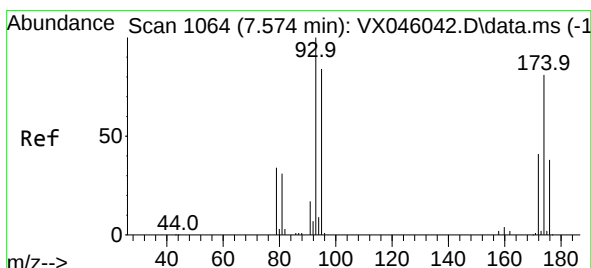
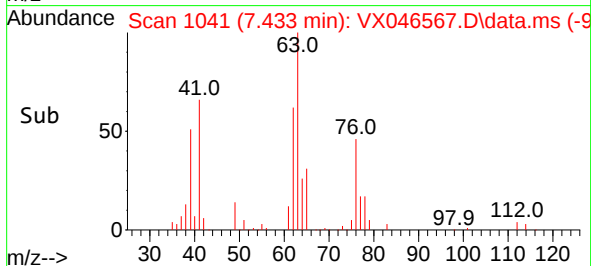
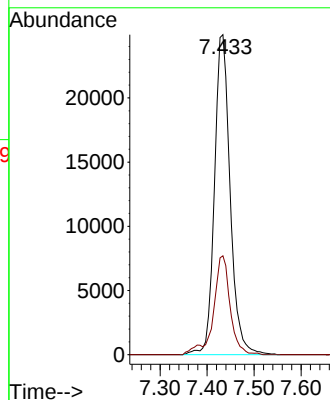
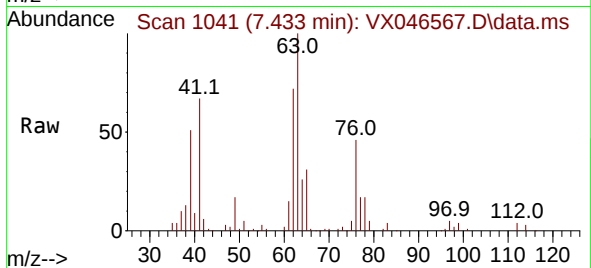
65 30.9 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#46

Dibromomethane

Concen: 54.417 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX046567.D

Acq: 09 Jun 2025 09:03

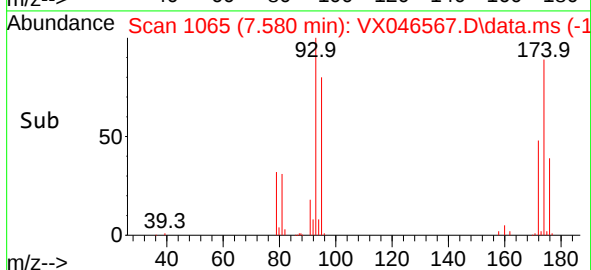
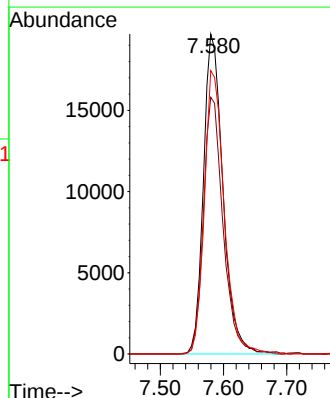
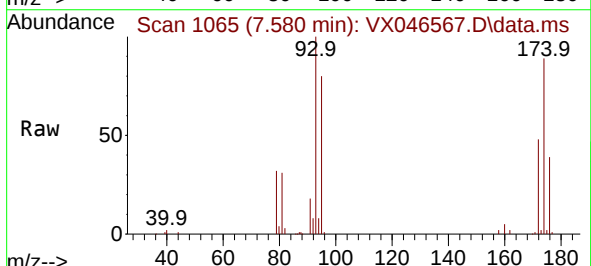
Tgt Ion: 93 Resp: 42227

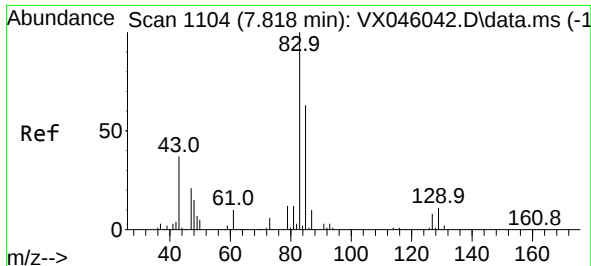
Ion Ratio Lower Upper

93 100

95 80.8 65.6 98.4

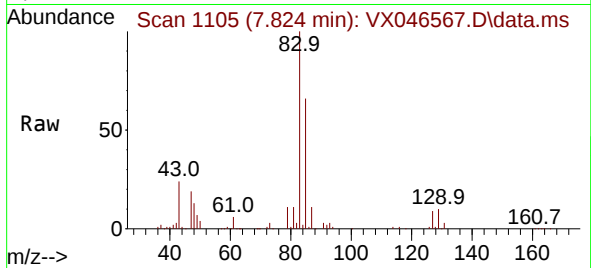
174 90.1 68.2 102.2





#47
Bromodichloromethane
Concen: 57.509 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

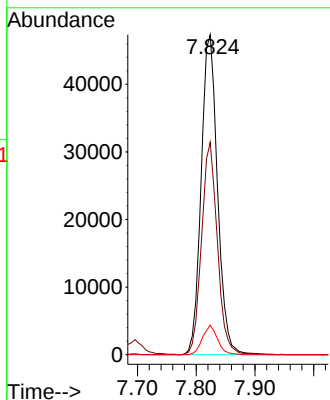
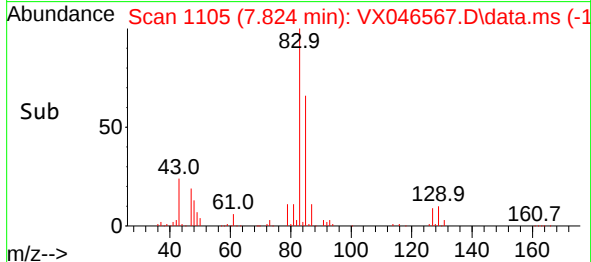
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



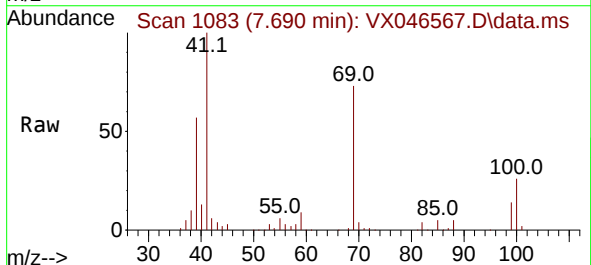
Tgt Ion: 83 Resp: 91760
Ion Ratio Lower Upper
83 100
85 66.4 50.5 75.7
127 9.2 6.5 9.7

Manual Integrations
APPROVED

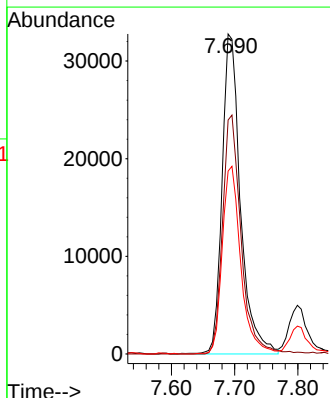
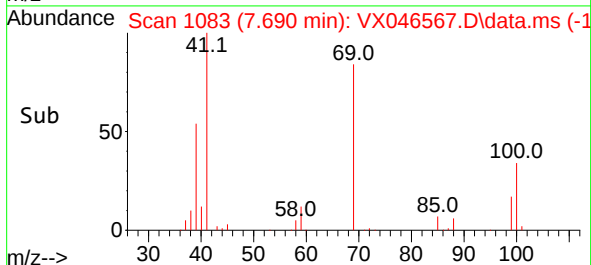
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

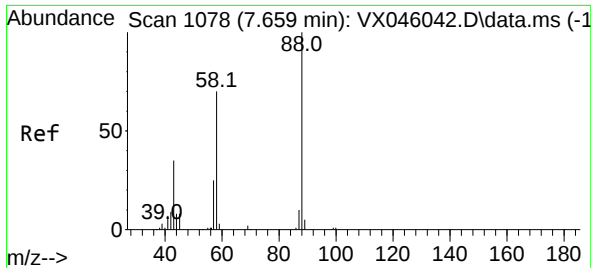


#48
Methyl methacrylate
Concen: 53.107 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.012 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03



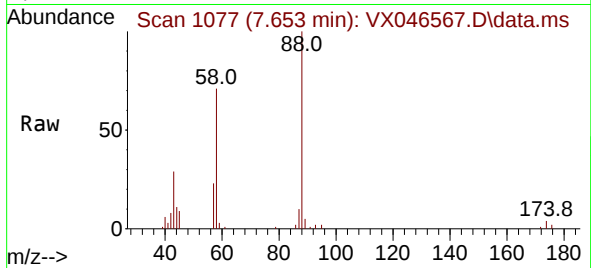
Tgt Ion: 41 Resp: 65998
Ion Ratio Lower Upper
41 100
69 75.6 58.5 87.7
39 59.3 51.7 77.5





#49
1,4-Dioxane
Concen: 969.755 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.018 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

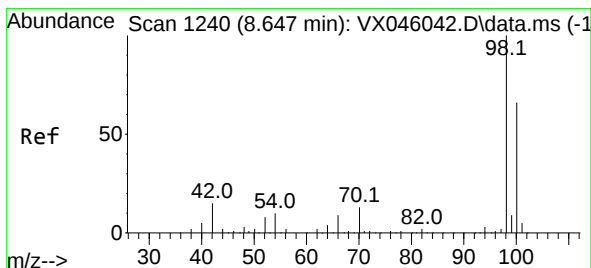
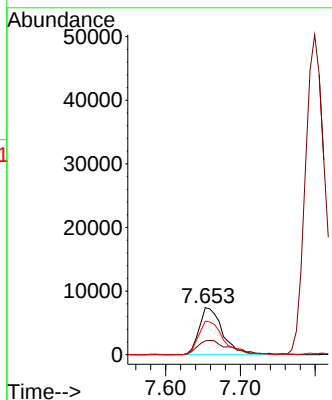
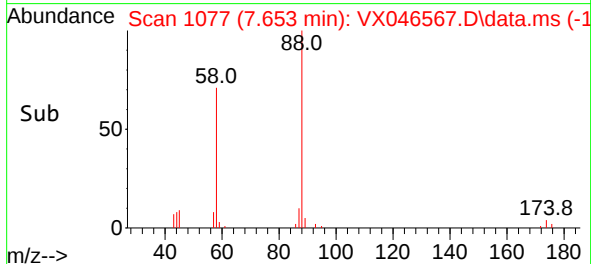
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 16110
Ion Ratio Lower Upper
88 100
43 43.4 33.4 50.2
58 75.6 58.6 88.0

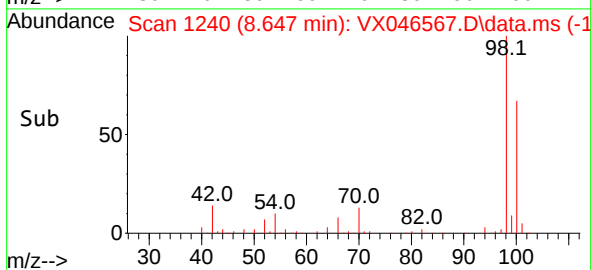
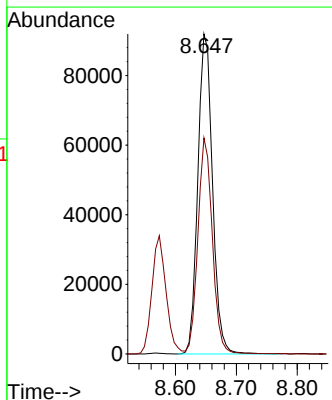
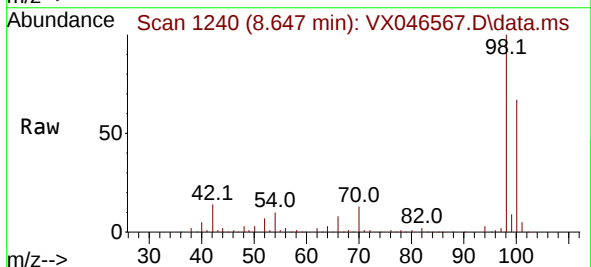
Manual Integrations
APPROVED

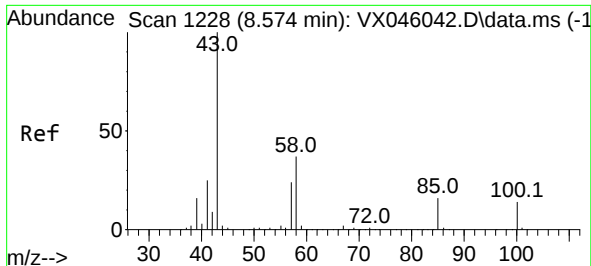
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#50
Toluene-d8
Concen: 47.049 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

Tgt Ion: 98 Resp: 154151
Ion Ratio Lower Upper
98 100
100 66.1 53.5 80.3





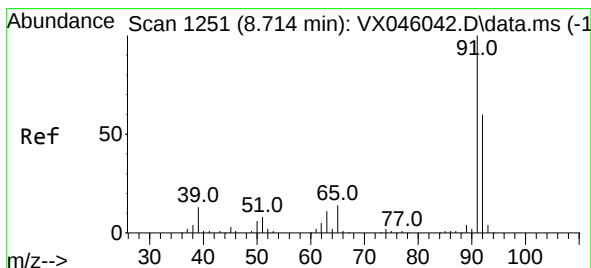
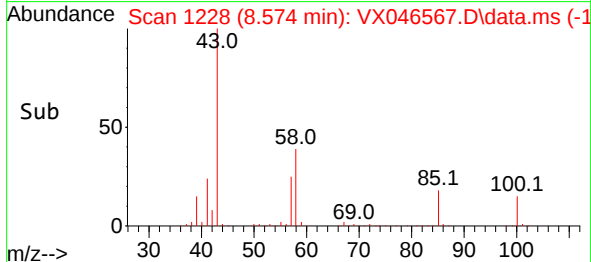
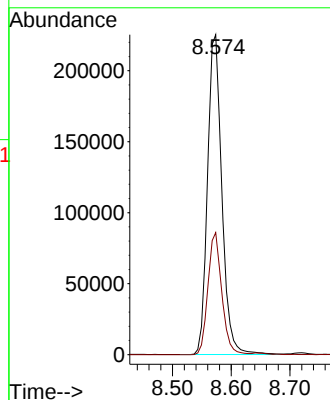
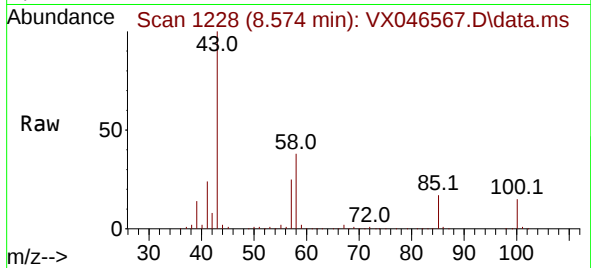
#51
4-Methyl-2-Pentanone
Concen: 249.010 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 38219
Ion Ratio Lower Upper
43 100
58 36.9 28.9 43.3

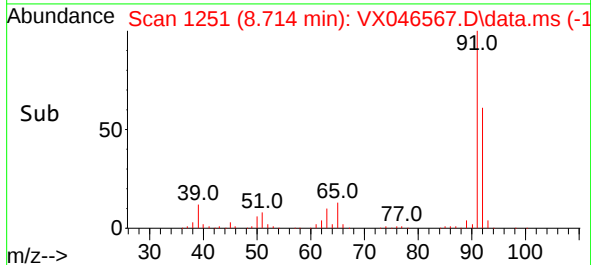
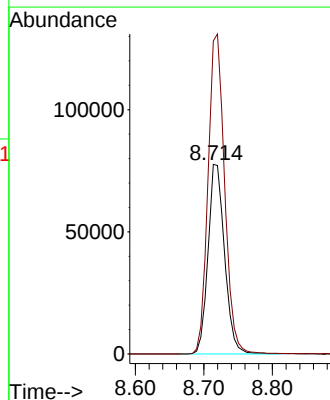
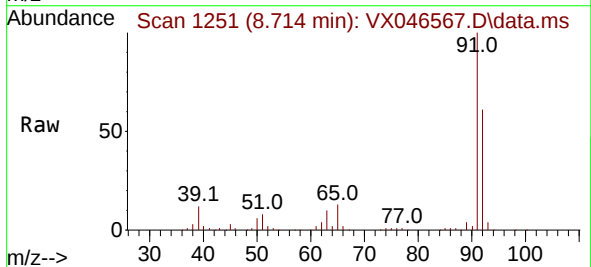
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#52
Toluene
Concen: 53.001 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

Tgt Ion: 92 Resp: 130125
Ion Ratio Lower Upper
92 100
91 169.8 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 61.063 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX046567.D

Acq: 09 Jun 2025 09:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 8735

Ion Ratio Lower Upper

75 100

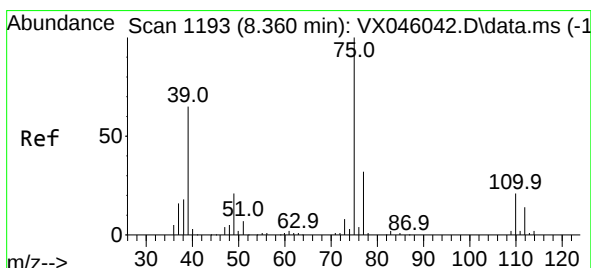
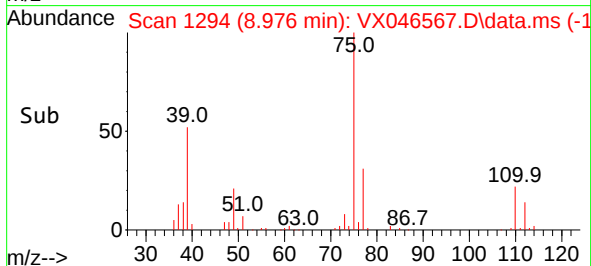
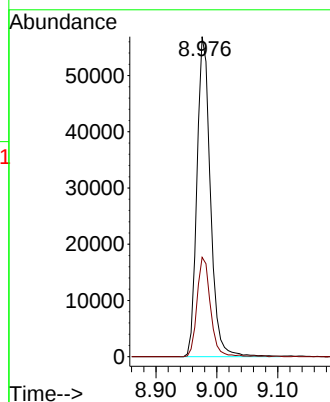
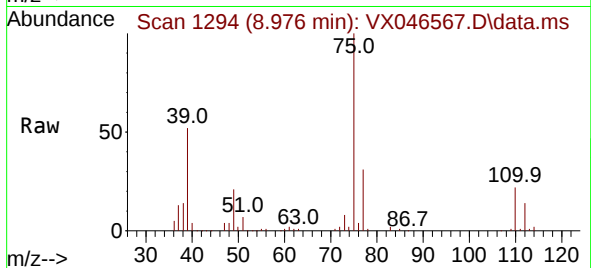
77 31.1 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#54

cis-1,3-Dichloropropene

Concen: 57.546 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX046567.D

Acq: 09 Jun 2025 09:03

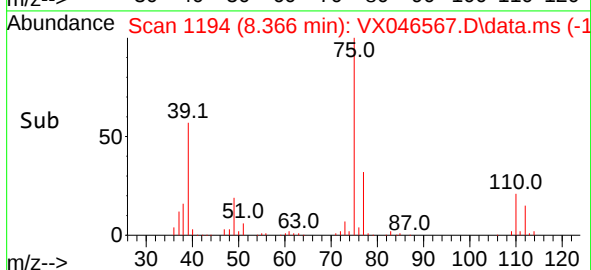
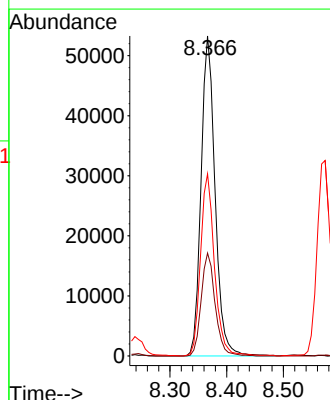
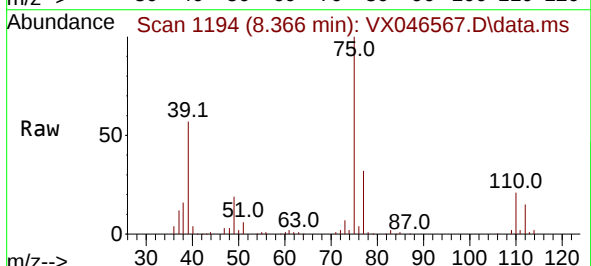
Tgt Ion: 75 Resp: 91534

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0

39 56.9 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 57.087 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

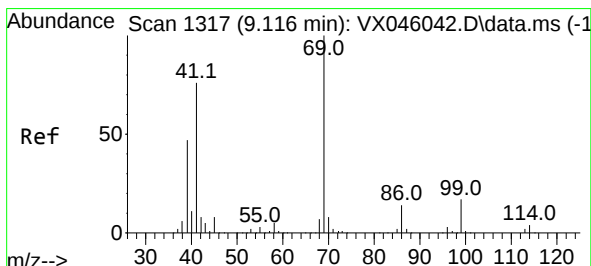
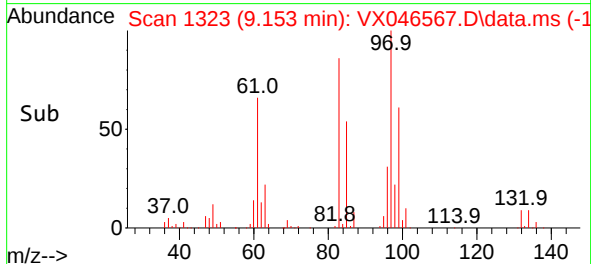
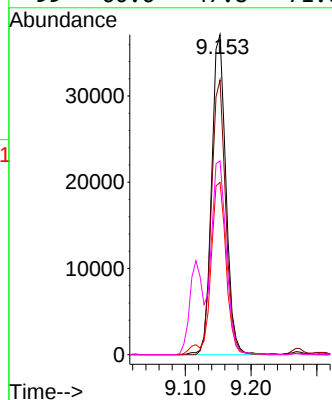
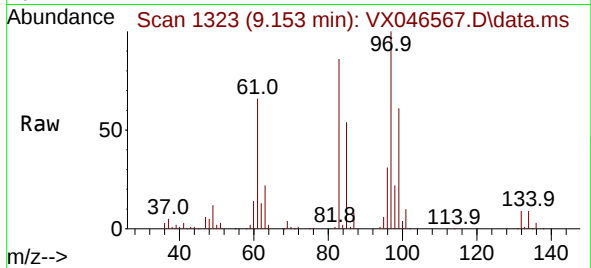
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 5626

Ion	Ratio	Lower	Upper
97	100		
83	85.9	69.0	103.6
85	53.8	44.3	66.5
99	60.6	47.8	71.6

Manual Integrations
APPROVED

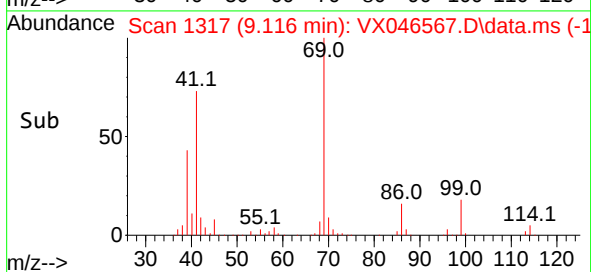
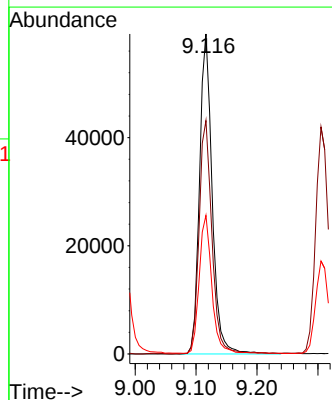
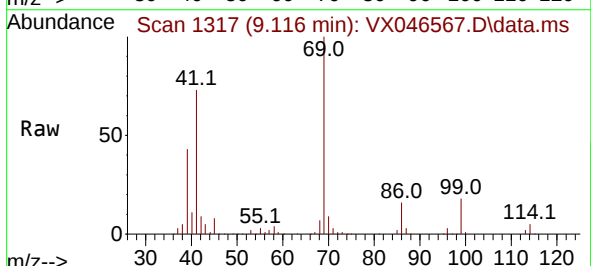
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

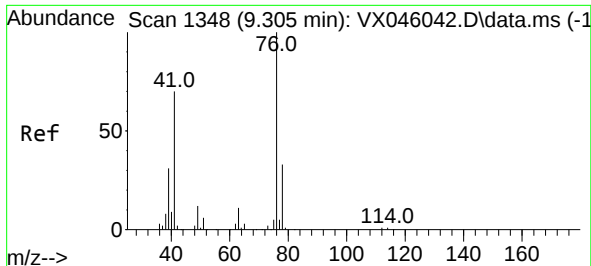


#56
Ethyl methacrylate
Concen: 56.270 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

Tgt Ion: 69 Resp: 85345

Ion	Ratio	Lower	Upper
69	100		
41	74.7	60.8	91.2
39	43.0	39.0	58.6





#57

1,3-Dichloropropane

Concen: 55.155 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX046567.D

Acq: 09 Jun 2025 09:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 9606

Ion Ratio Lower Upper

76 100

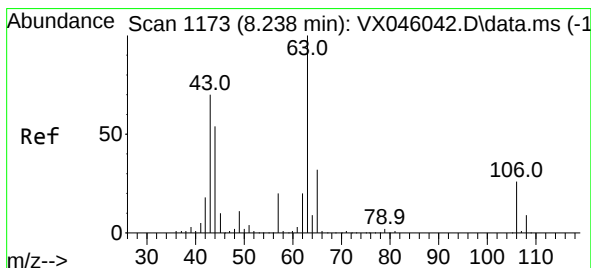
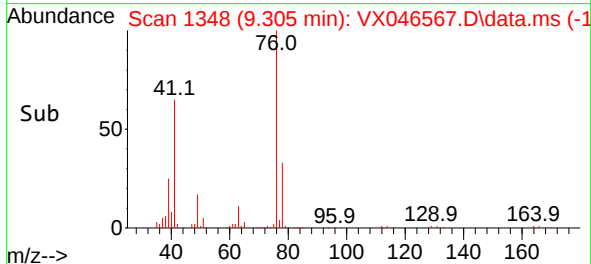
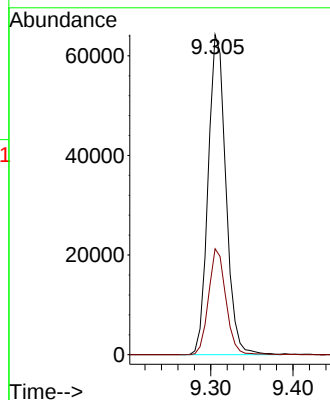
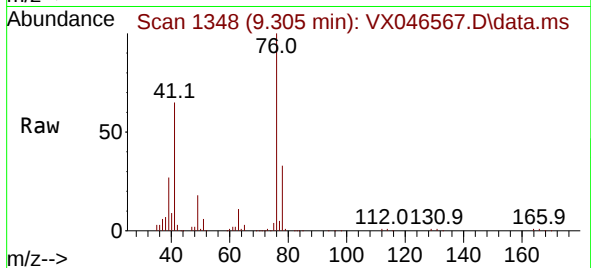
78 32.3 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#58

2-Chloroethyl Vinyl ether

Concen: 266.889 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX046567.D

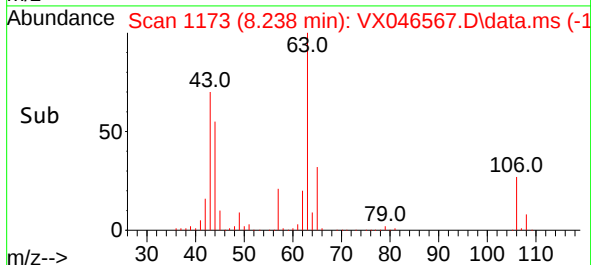
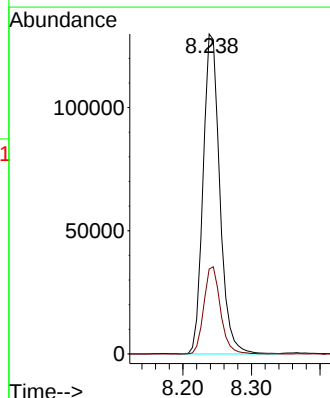
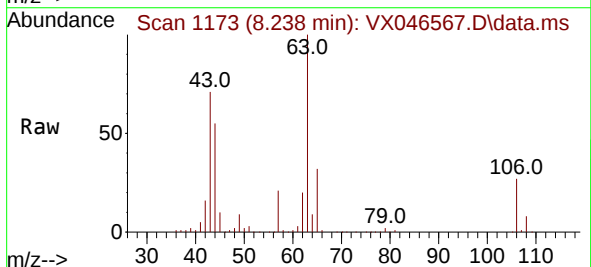
Acq: 09 Jun 2025 09:03

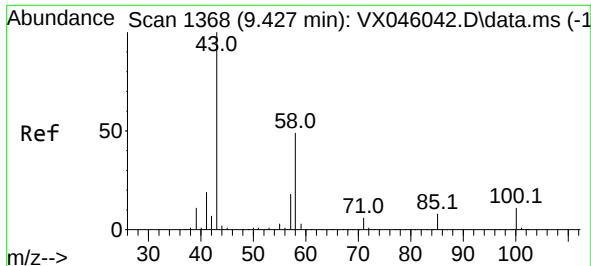
Tgt Ion: 63 Resp: 220489

Ion Ratio Lower Upper

63 100

106 27.2 21.5 32.3





#59

2-Hexanone

Concen: 240.420 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX046567.D

Acq: 09 Jun 2025 09:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 264649

Ion Ratio Lower Upper

43 100

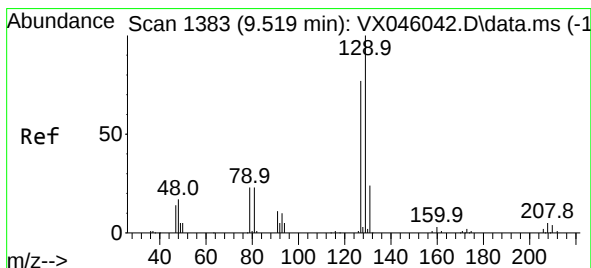
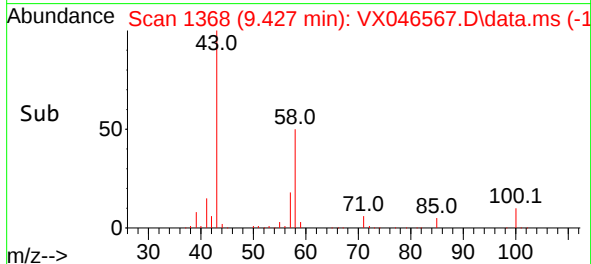
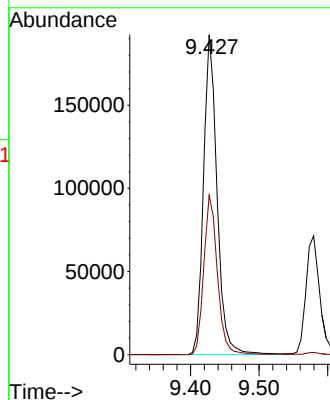
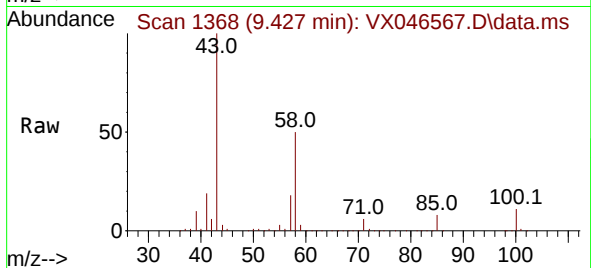
58 50.5 24.9 74.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#60

Dibromochloromethane

Concen: 58.533 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.007 min

Lab File: VX046567.D

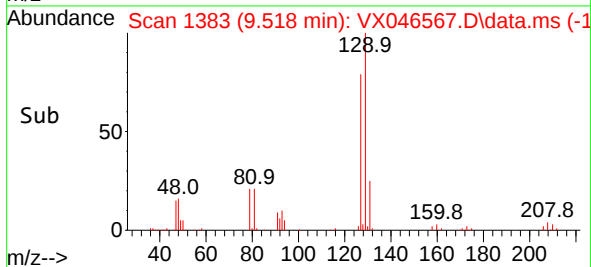
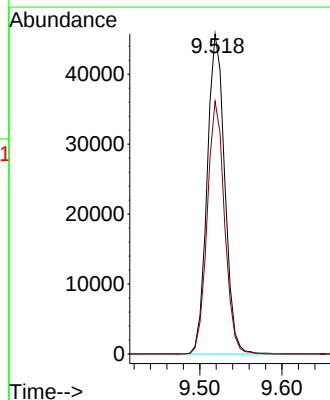
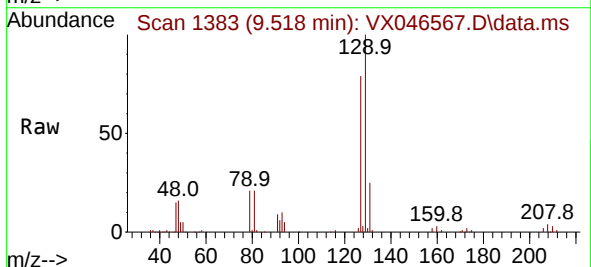
Acq: 09 Jun 2025 09:03

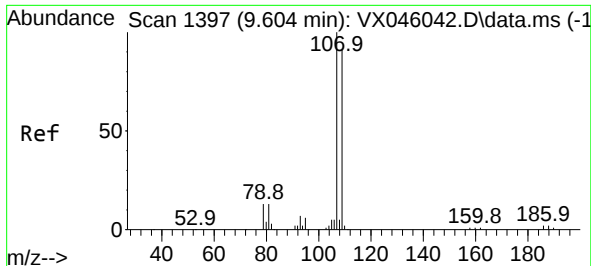
Tgt Ion:129 Resp: 67859

Ion Ratio Lower Upper

129 100

127 77.8 39.3 117.8





#61
1,2-Dibromoethane
Concen: 53.659 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

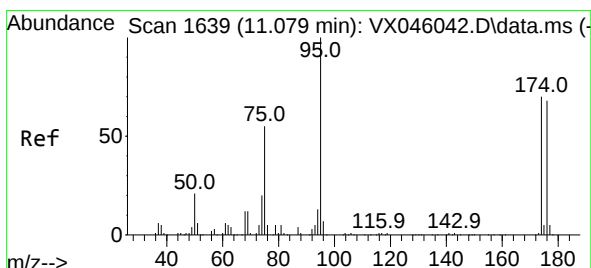
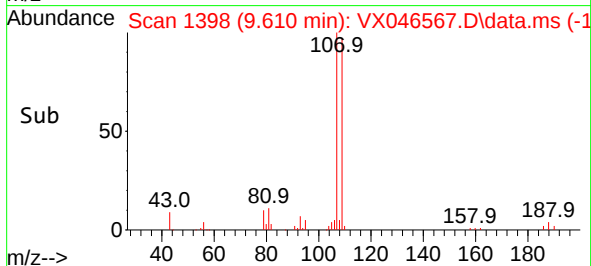
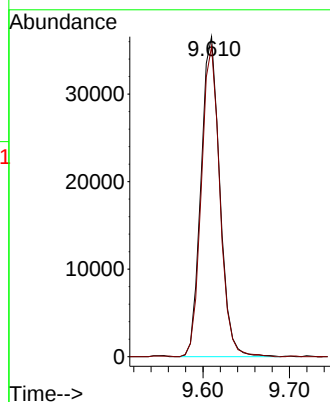
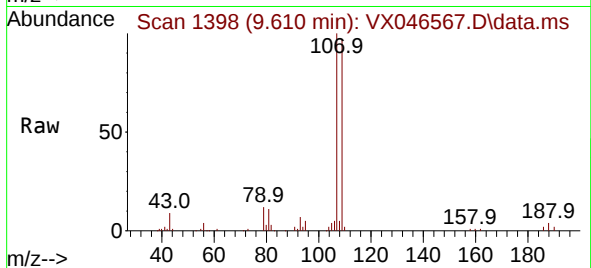
Tgt Ion:107 Resp: 5511
Ion Ratio Lower Upper
107 100
109 95.5 73.3 109.9

Manual Integrations

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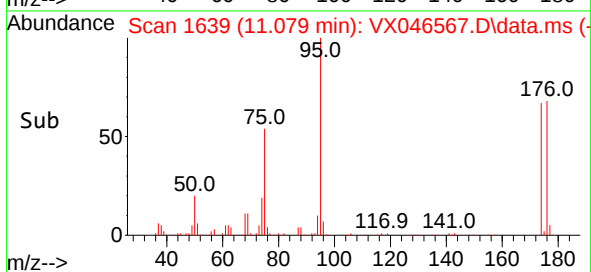
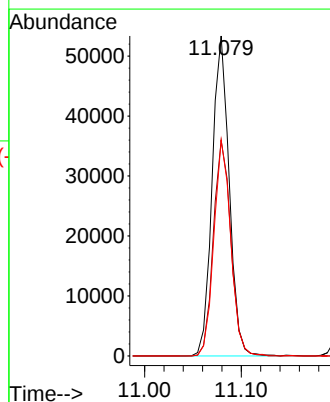
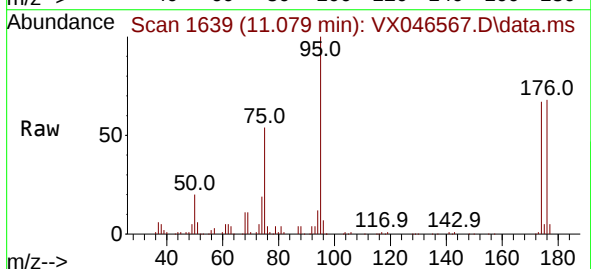
Reviewed By :John Carlone 06/10/2025

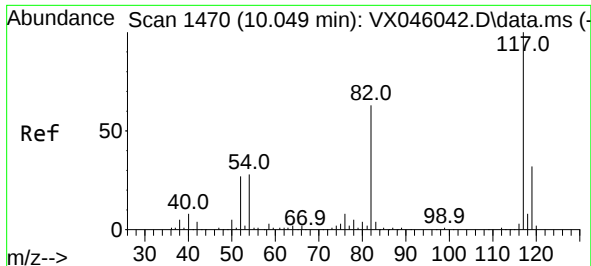
Supervised By :Mahesh Dadoda 06/10/2025



#62
4-Bromofluorobenzene
Concen: 48.161 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

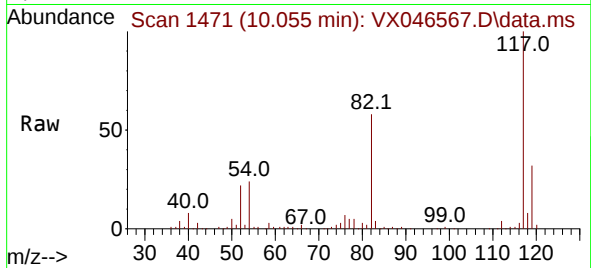
Tgt Ion: 95 Resp: 65287
Ion Ratio Lower Upper
95 100
174 68.9 0.0 135.8
176 66.7 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

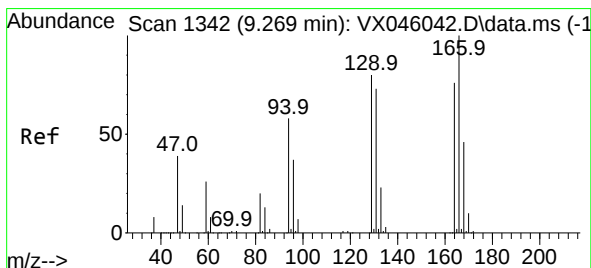
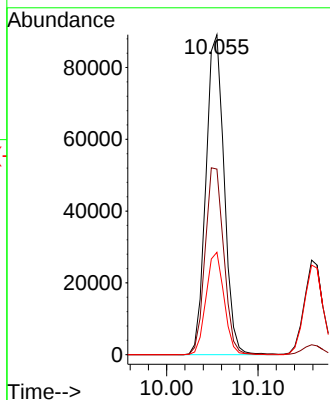
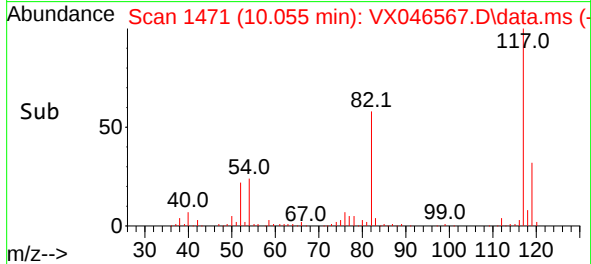
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 123150
Ion Ratio Lower Upper
117 100
82 58.0 50.6 76.0
119 32.0 25.8 38.6

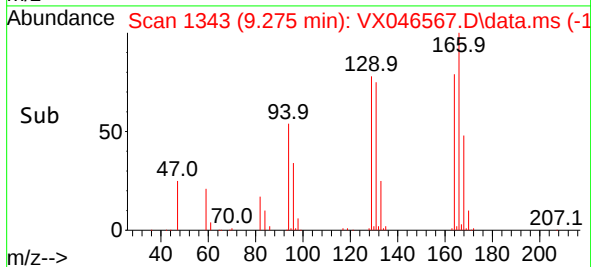
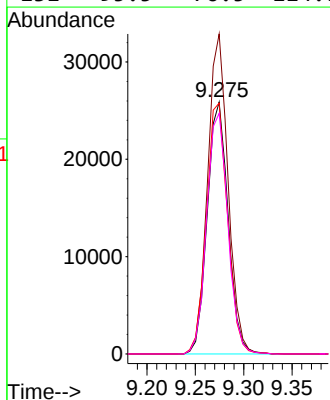
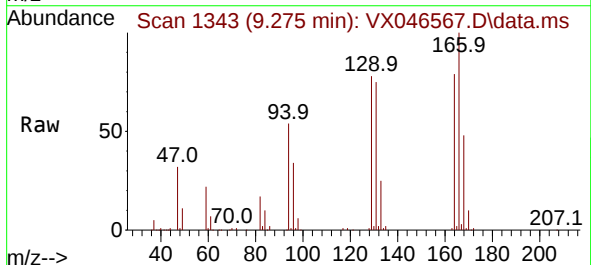
Manual Integrations
APPROVED

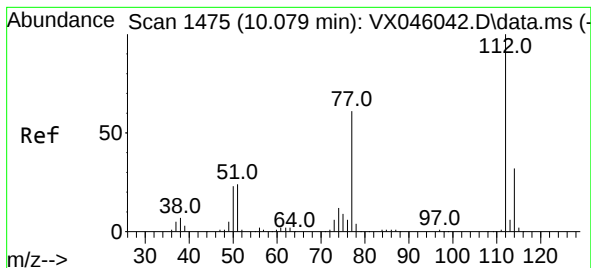
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#64
Tetrachloroethene
Concen: 47.064 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

Tgt Ion:164 Resp: 38759
Ion Ratio Lower Upper
164 100
166 127.0 105.0 157.6
129 99.6 83.5 125.3
131 95.5 76.5 114.7





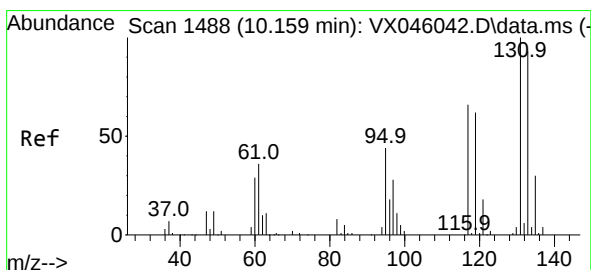
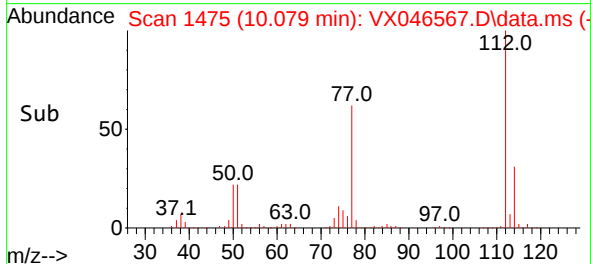
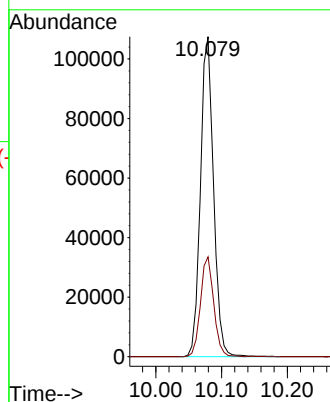
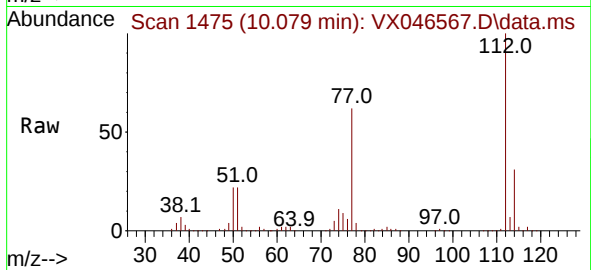
#65
Chlorobenzene
Concen: 51.378 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 148815
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.2

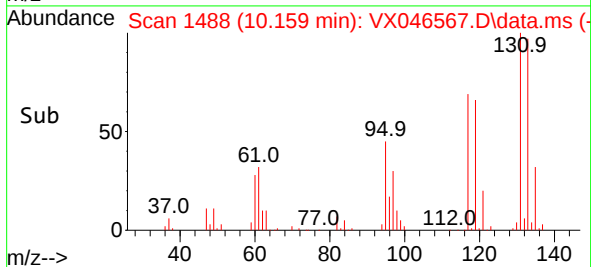
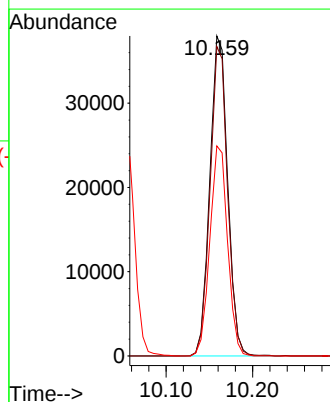
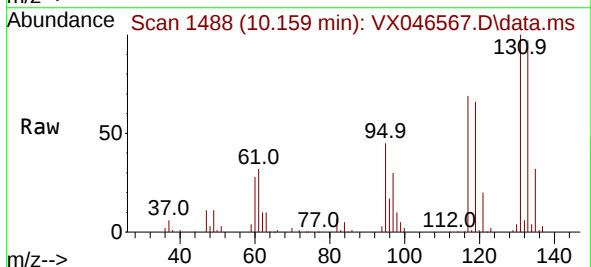
Manual Integrations
APPROVED

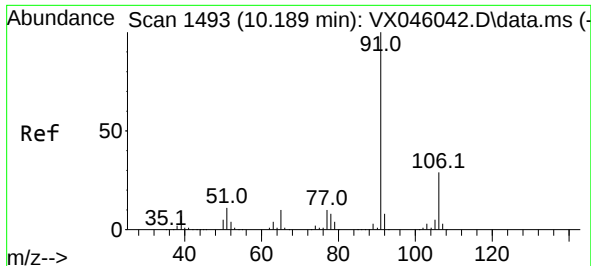
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 55.542 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

Tgt Ion:131 Resp: 54363
Ion Ratio Lower Upper
131 100
133 95.1 47.3 141.9
119 65.2 31.6 95.0





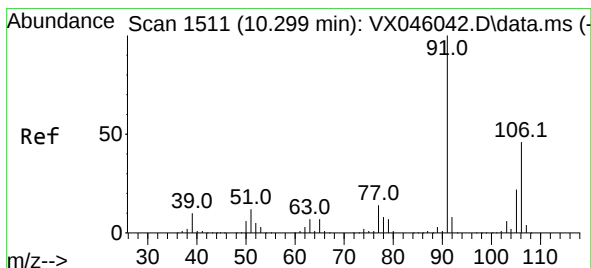
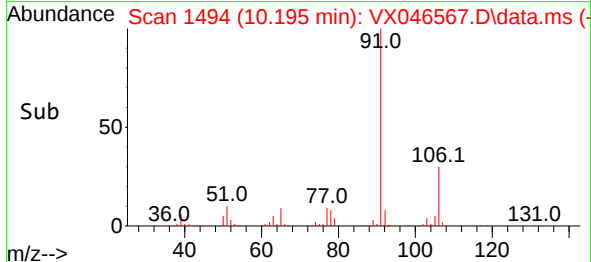
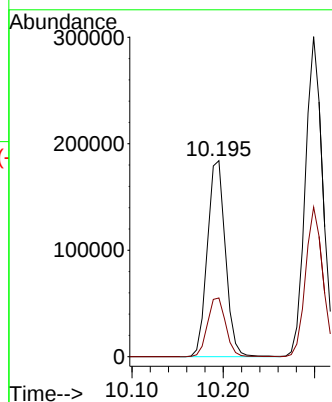
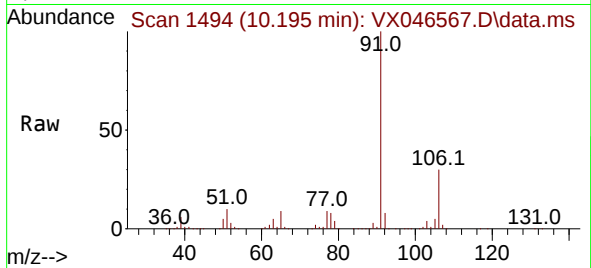
#67
Ethyl Benzene
Concen: 49.959 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 25262
Ion Ratio Lower Upper
91 100
106 29.9 23.4 35.2

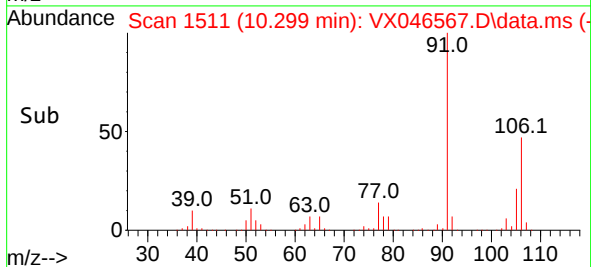
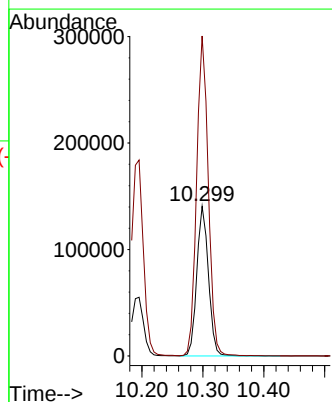
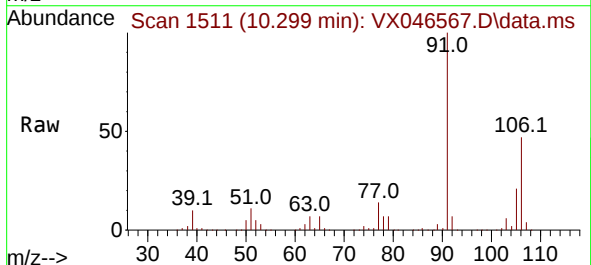
Manual Integrations
APPROVED

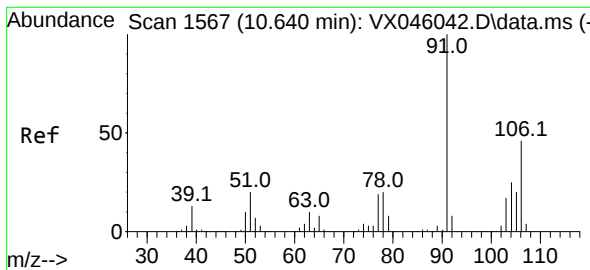
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#68
m/p-Xylenes
Concen: 101.572 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

Tgt Ion:106 Resp: 186309
Ion Ratio Lower Upper
106 100
91 214.4 171.2 256.8





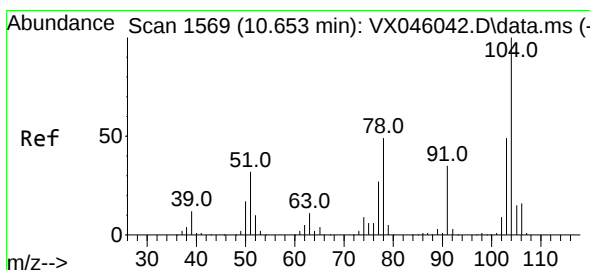
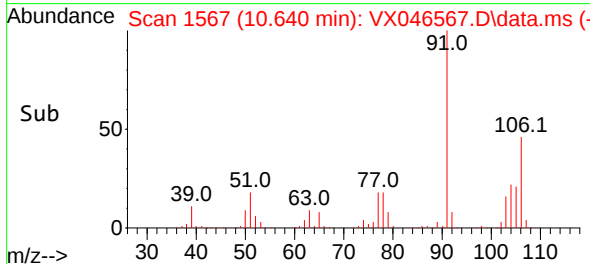
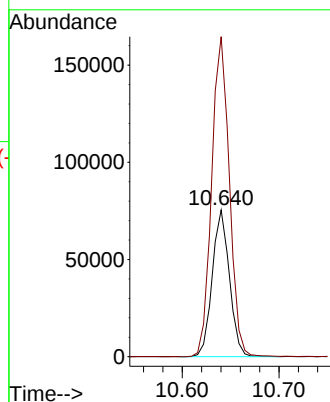
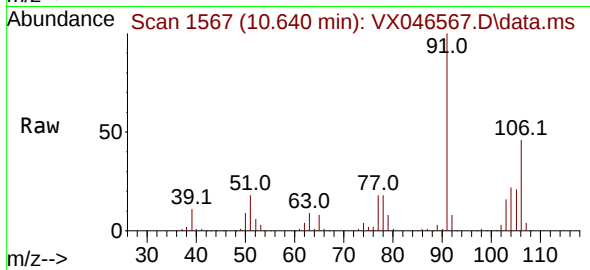
#69
o-Xylene
Concen: 52.468 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 9308
Ion Ratio Lower Upper
106 100
91 225.4 112.7 338.1

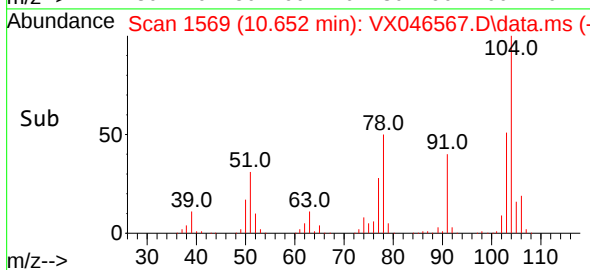
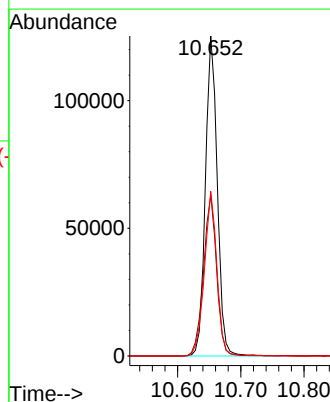
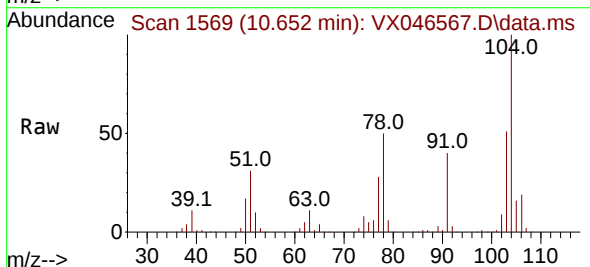
Manual Integrations
APPROVED

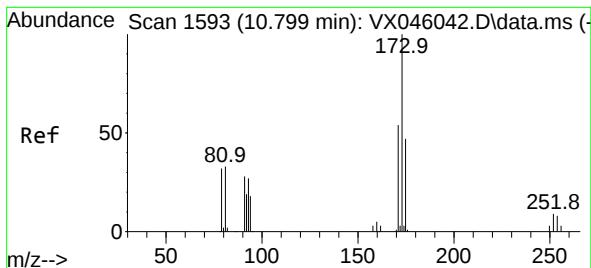
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#70
Styrene
Concen: 54.055 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

Tgt Ion:104 Resp: 164167
Ion Ratio Lower Upper
104 100
78 55.4 45.7 68.5
103 54.3 43.7 65.5





#71

Bromoform

Concen: 56.808 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX046567.D

Acq: 09 Jun 2025 09:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 42390

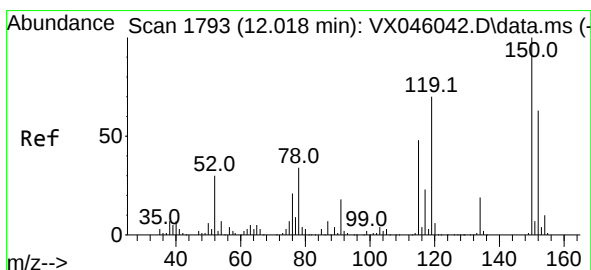
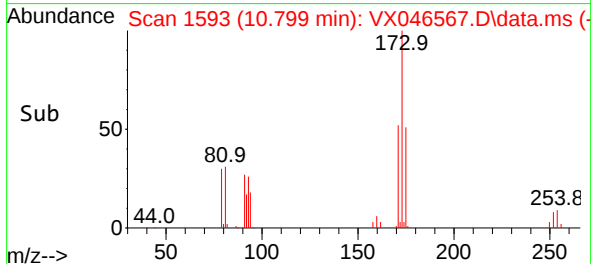
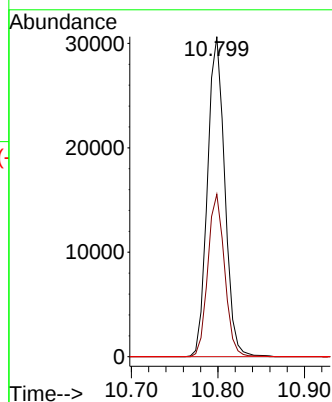
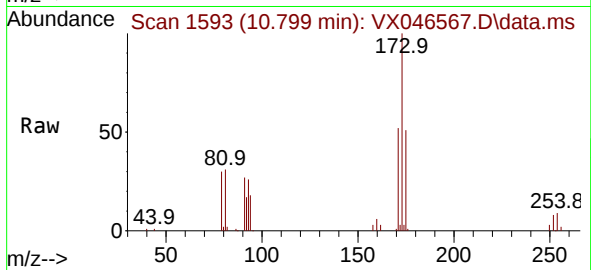
Ion	Ratio	Lower	Upper
173	100		
175	49.3	23.4	70.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

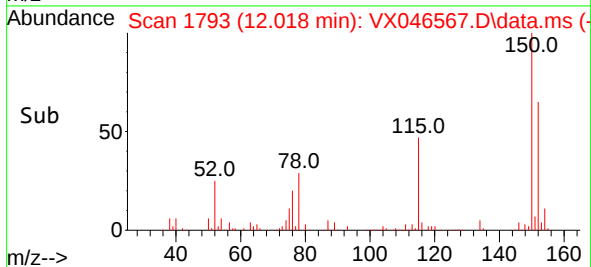
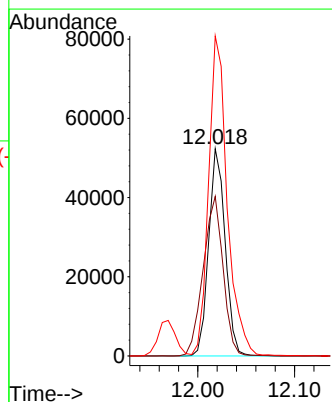
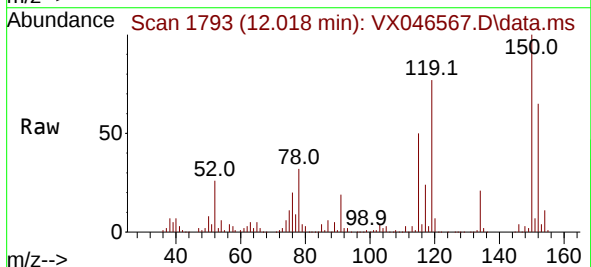
Delta R.T. -0.006 min

Lab File: VX046567.D

Acq: 09 Jun 2025 09:03

Tgt Ion:152 Resp: 62208

Ion	Ratio	Lower	Upper
152	100		
115	92.9	46.9	140.7
150	174.9	0.0	351.0





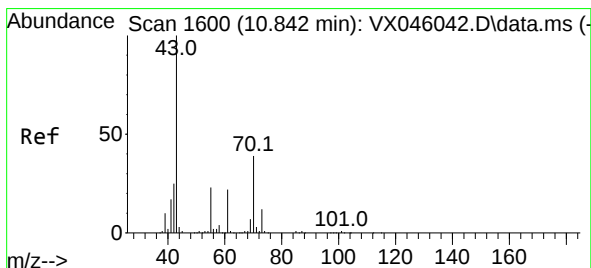
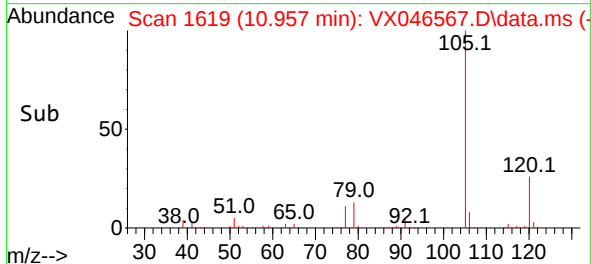
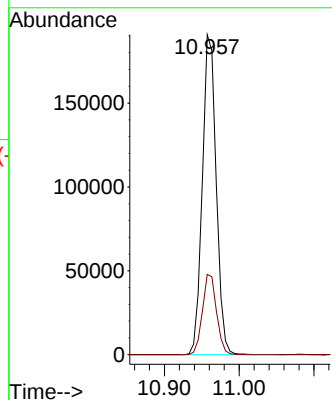
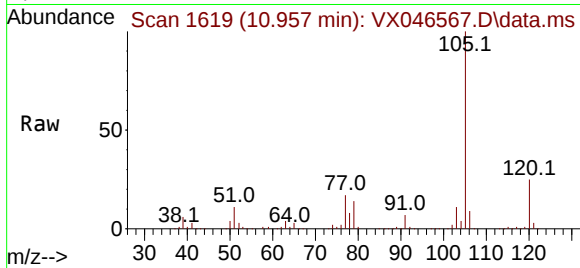
#73
Isopropylbenzene
Concen: 50.302 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 245980
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.4

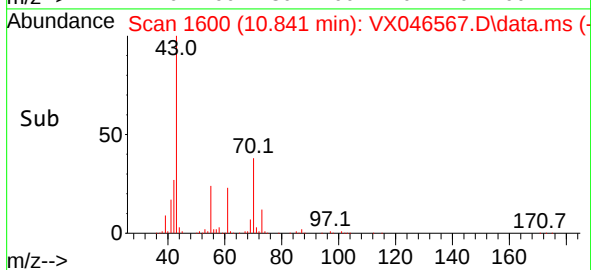
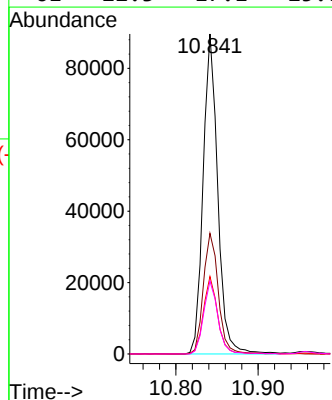
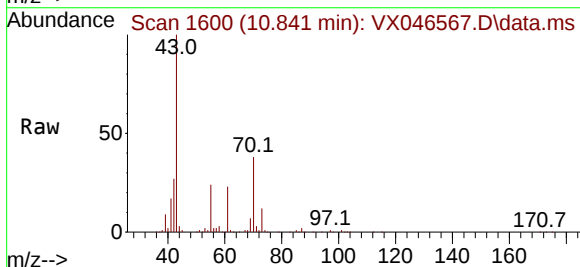
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#74
N-ethyl acetate
Concen: 51.372 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

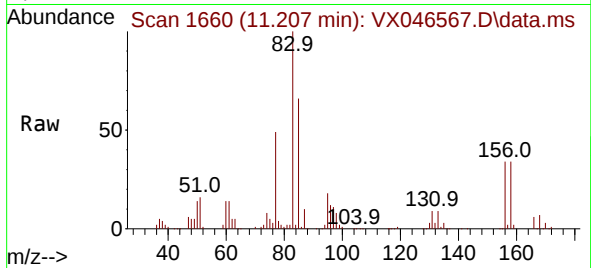
Tgt Ion: 43 Resp: 110631
Ion Ratio Lower Upper
43 100
70 38.7 30.9 46.3
55 23.7 18.7 28.1
61 22.3 17.1 25.7





#75
1,1,2,2-Tetrachloroethane
Concen: 50.826 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

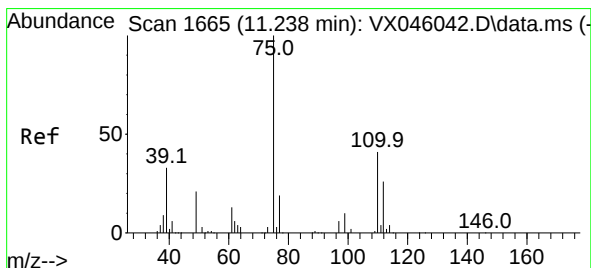
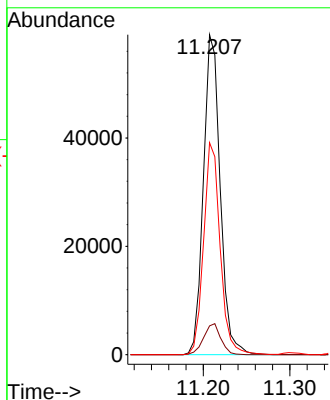
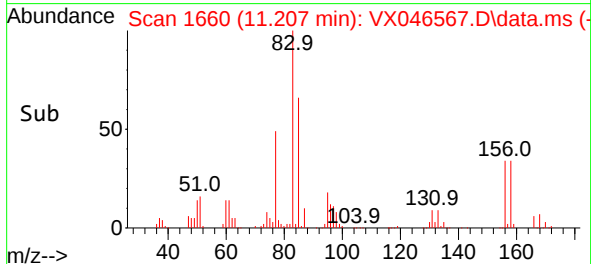
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 79550
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 65.2 31.9 95.7

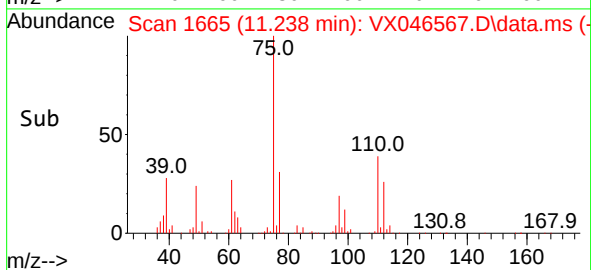
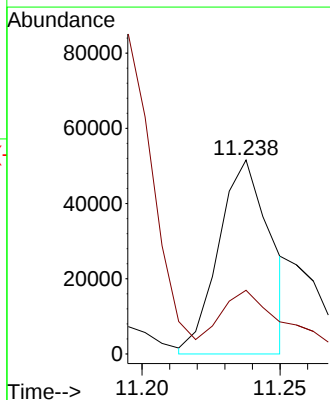
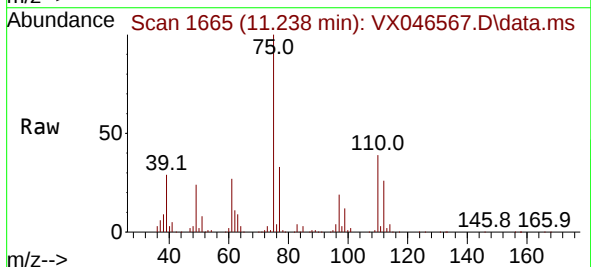
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#76
1,2,3-Trichloropropane
Concen: 51.080 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

Tgt Ion: 75 Resp: 67306
Ion Ratio Lower Upper
75 100
77 41.7 20.5 61.5





#77

Bromobenzene

Concen: 53.400 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX046567.D

Acq: 09 Jun 2025 09:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

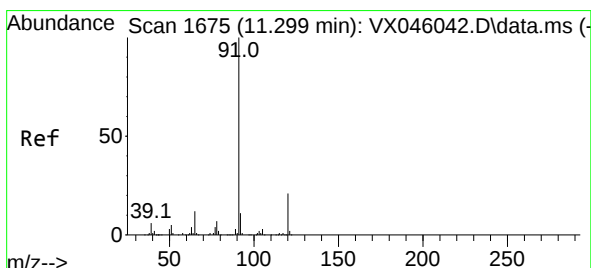
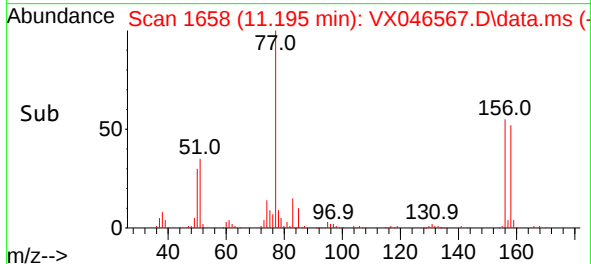
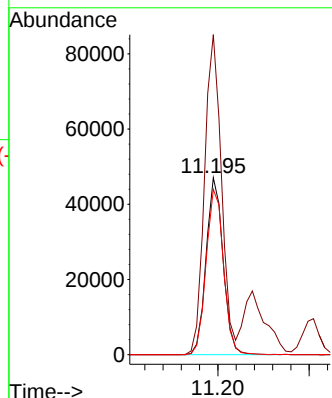
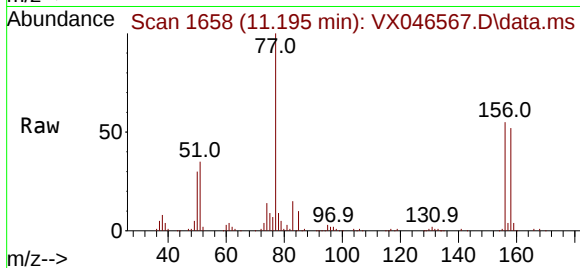
Tgt Ion:	156	Resp:	6061
Ion Ratio	Lower	Upper	
156	100		
77	180.7	92.8	278.3
158	95.9	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#78

n-propylbenzene

Concen: 49.411 ug/l

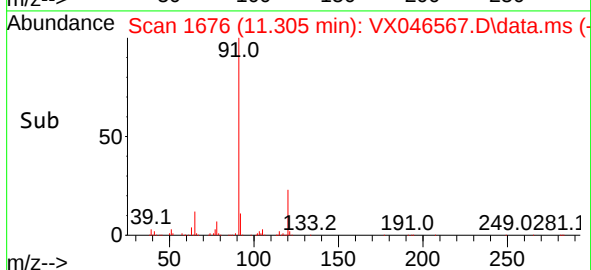
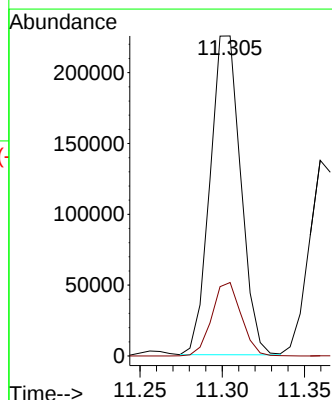
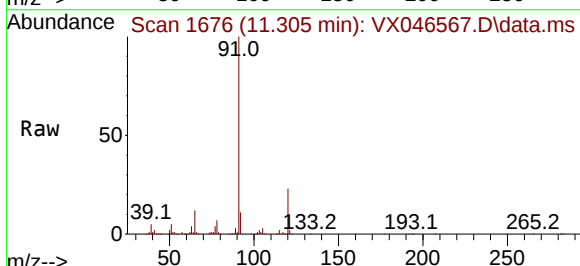
RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX046567.D

Acq: 09 Jun 2025 09:03

Tgt Ion:	91	Resp:	292459
Ion Ratio	Lower	Upper	
91	100		
120	22.1	10.8	32.4





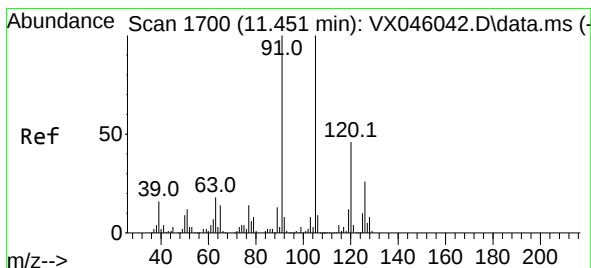
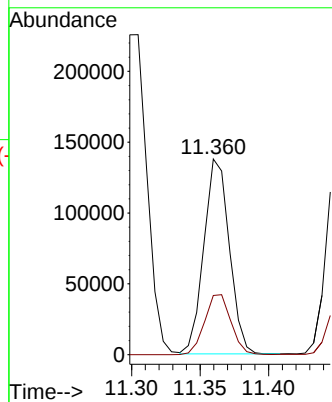
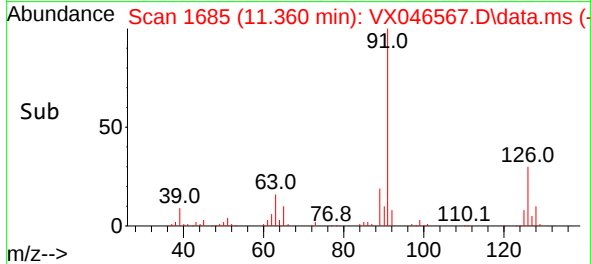
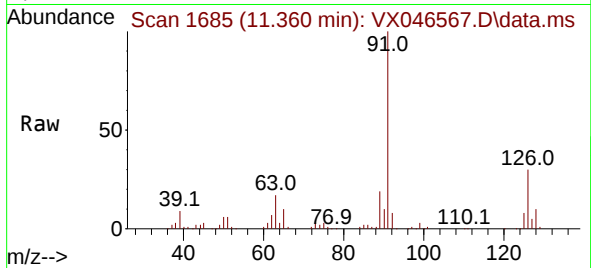
#79
2-Chlorotoluene
Concen: 49.961 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 17832
Ion Ratio Lower Upper
91 100
126 31.8 15.6 46.7

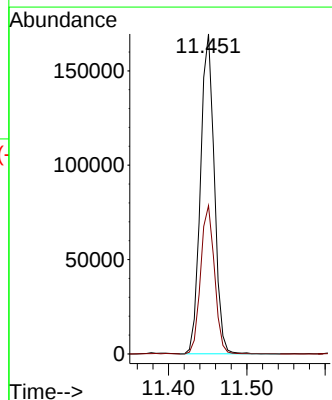
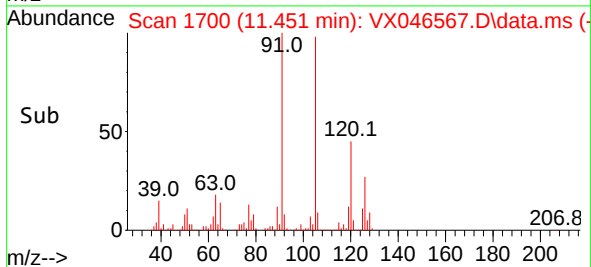
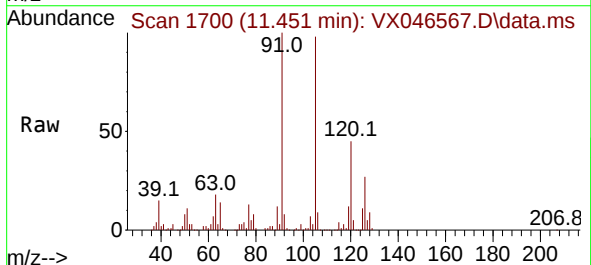
Manual Integrations
APPROVED

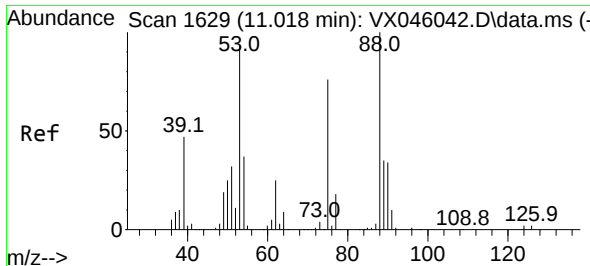
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.123 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

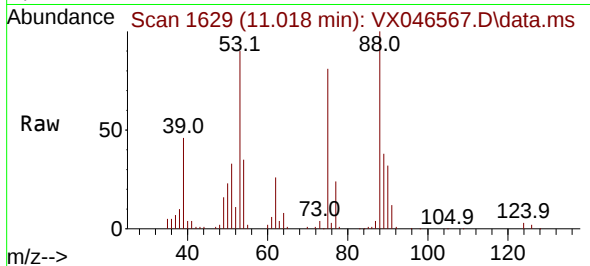
Tgt Ion:105 Resp: 208325
Ion Ratio Lower Upper
105 100
120 46.5 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 54.619 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

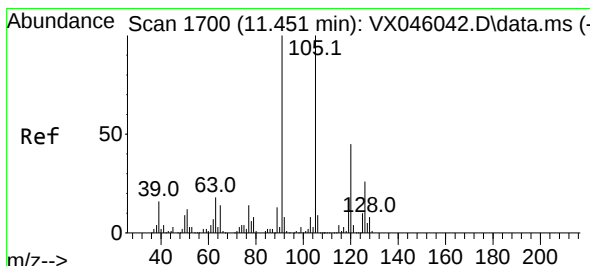
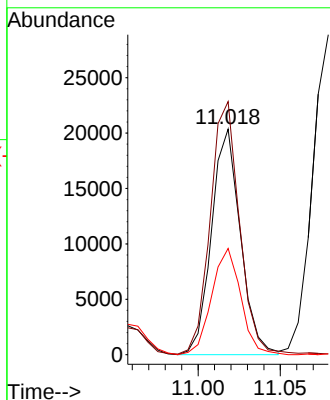
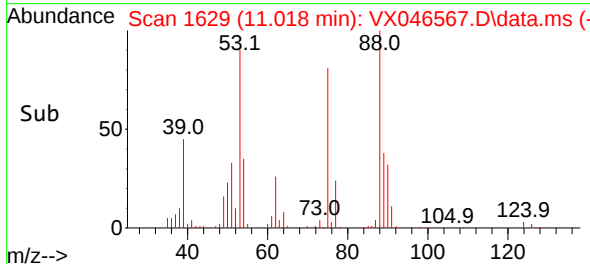
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 24949
Ion Ratio Lower Upper
75 100
53 113.7 100.5 150.7
89 47.2 37.0 55.6

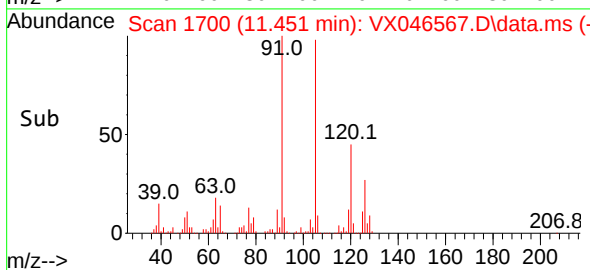
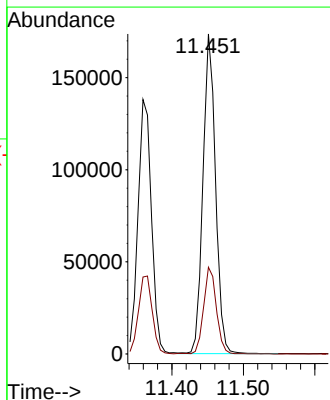
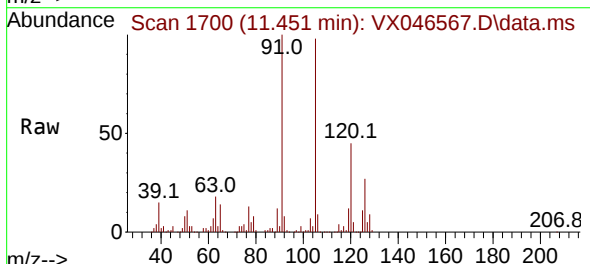
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#82
4-Chlorotoluene
Concen: 50.222 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

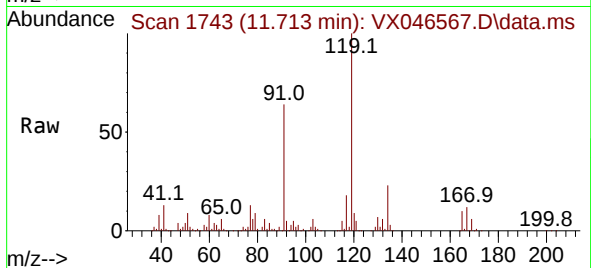
Tgt Ion: 91 Resp: 212470
Ion Ratio Lower Upper
91 100
126 27.6 13.3 39.8





#83
tert-Butylbenzene
Concen: 50.891 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

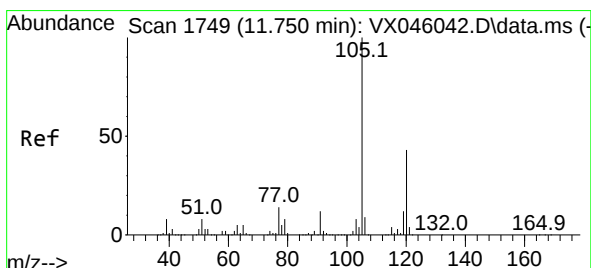
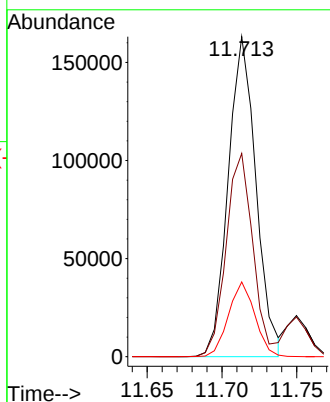
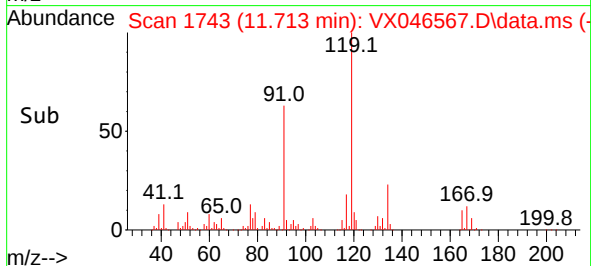
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



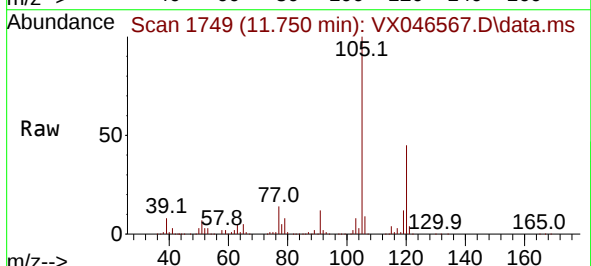
Tgt Ion:119 Resp: 211109
Ion Ratio Lower Upper
119 100
91 61.7 32.9 98.7
134 22.2 11.4 34.1

Manual Integrations
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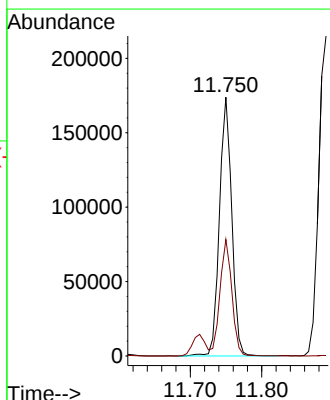
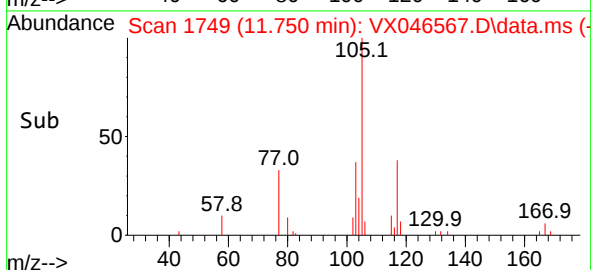
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#84
1,2,4-Trimethylbenzene
Concen: 50.527 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03



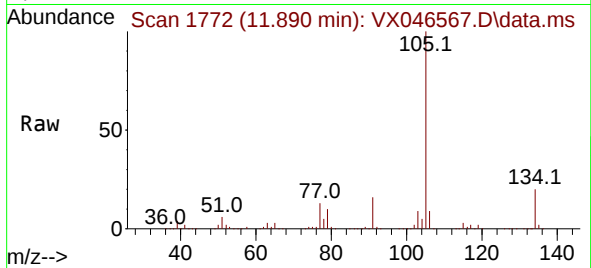
Tgt Ion:105 Resp: 208291
Ion Ratio Lower Upper
105 100
120 43.5 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 49.133 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046567.D
 Acq: 09 Jun 2025 09:03

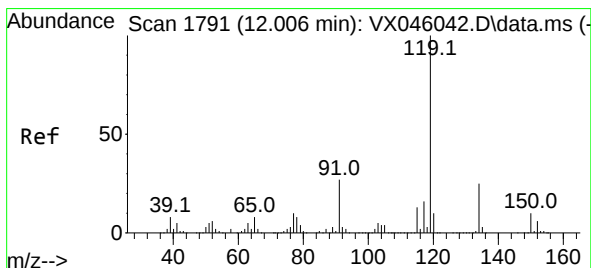
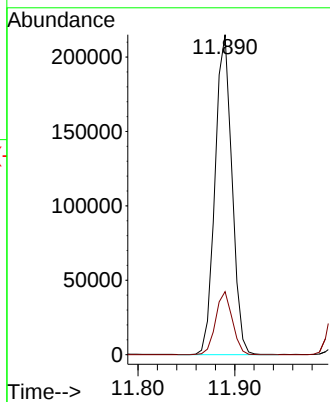
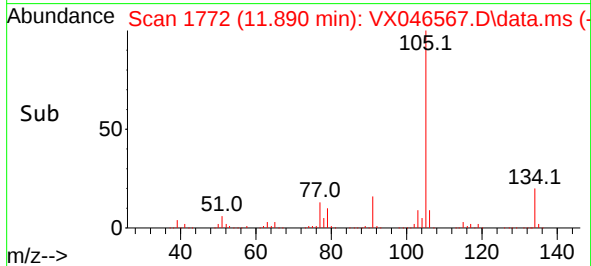
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



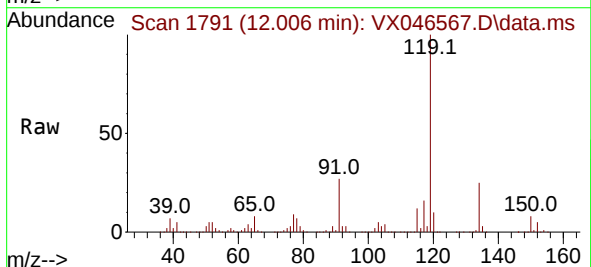
Tgt Ion:105 Resp: 26189
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 29.1

Manual Integrations
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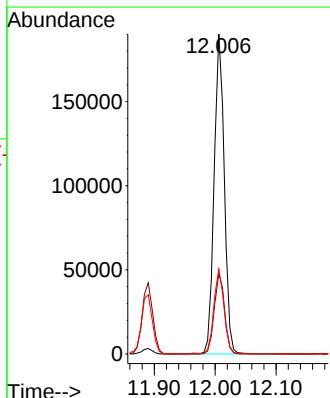
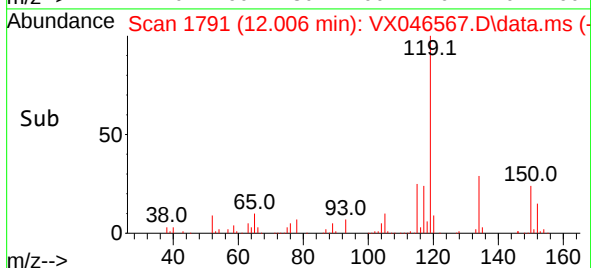
Reviewed By :John Carlone 06/10/2025
 Supervised By :Mahesh Dadoda 06/10/2025



#86
 p-Isopropyltoluene
 Concen: 49.536 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046567.D
 Acq: 09 Jun 2025 09:03



Tgt Ion:119 Resp: 220115
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.5 37.5
 91 26.5 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 51.229 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX046567.D

Acq: 09 Jun 2025 09:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 112914

Ion Ratio Lower Upper

146 100

111 44.1 22.1 66.3

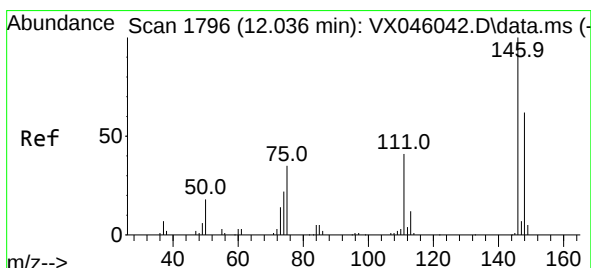
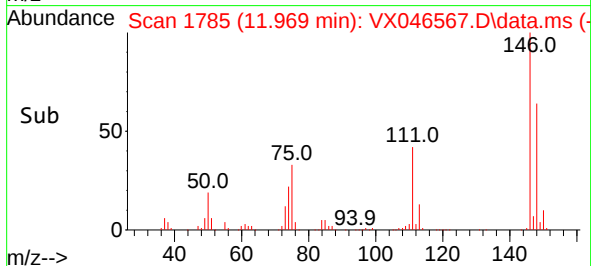
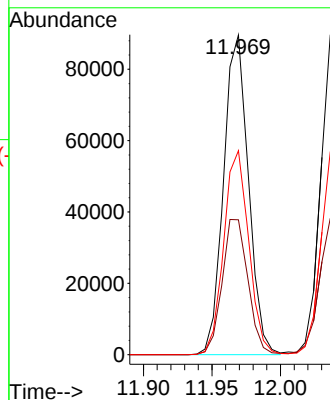
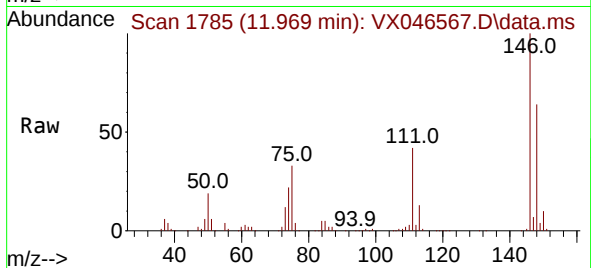
148 64.3 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#88

1,4-Dichlorobenzene

Concen: 50.134 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX046567.D

Acq: 09 Jun 2025 09:03

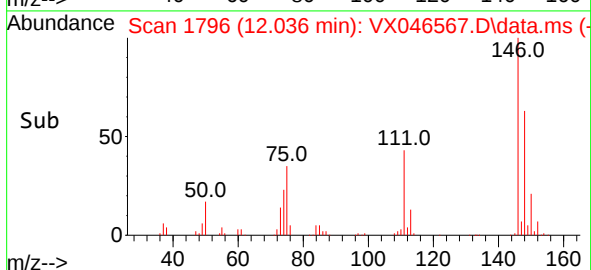
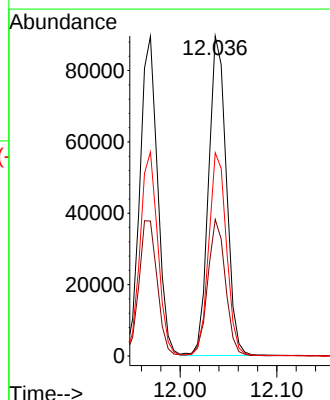
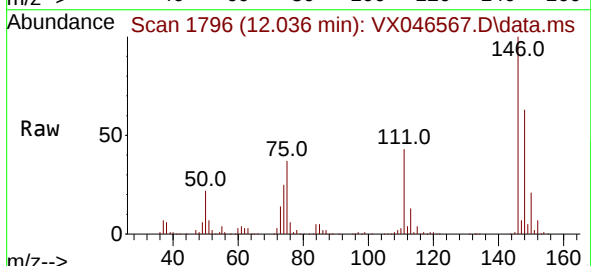
Tgt Ion:146 Resp: 114501

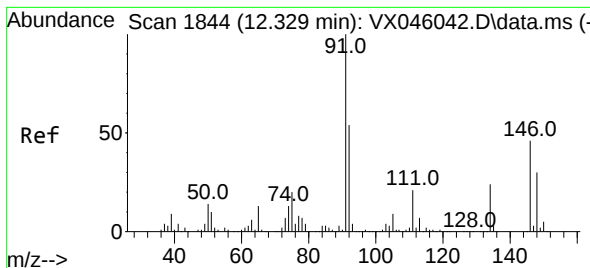
Ion Ratio Lower Upper

146 100

111 42.5 21.3 63.9

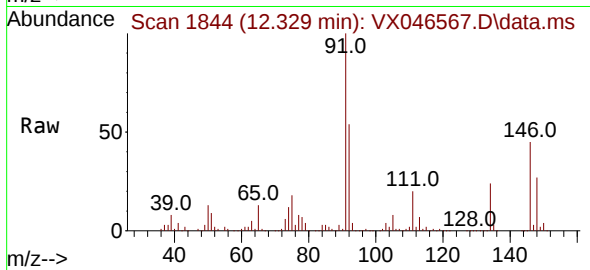
148 63.9 31.9 95.5





#89
n-Butylbenzene
Concen: 48.101 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

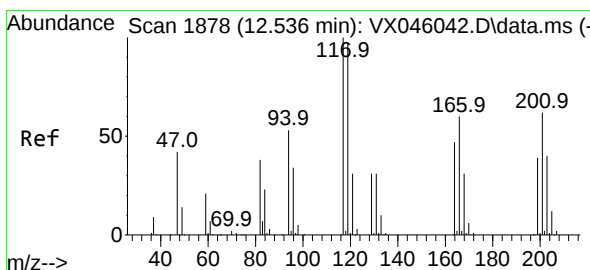
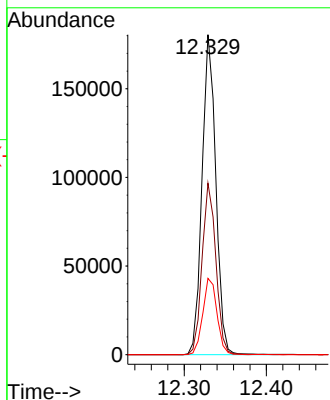
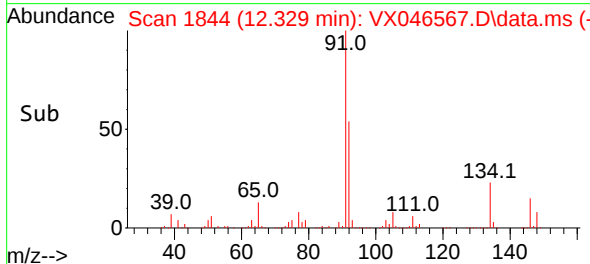
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 20990
Ion Ratio Lower Upper
91 100
92 53.8 26.9 80.7
134 24.6 11.8 35.3

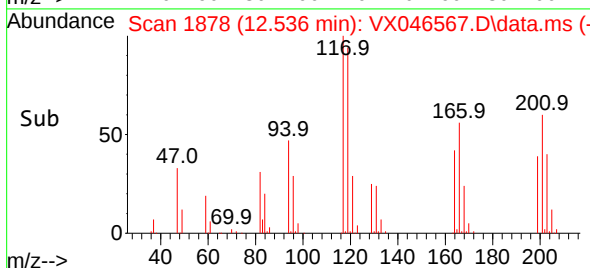
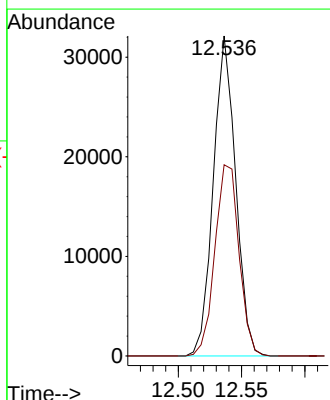
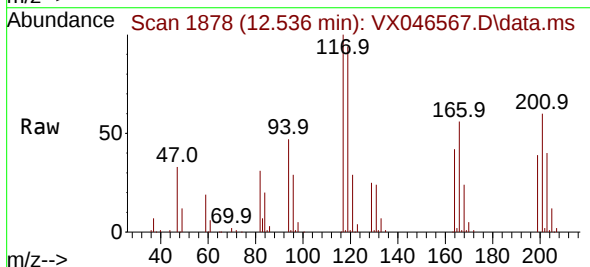
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#90
Hexachloroethane
Concen: 49.809 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

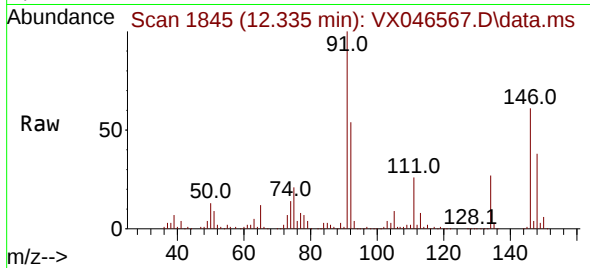
Tgt Ion:117 Resp: 39338
Ion Ratio Lower Upper
117 100
201 64.7 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 53.100 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

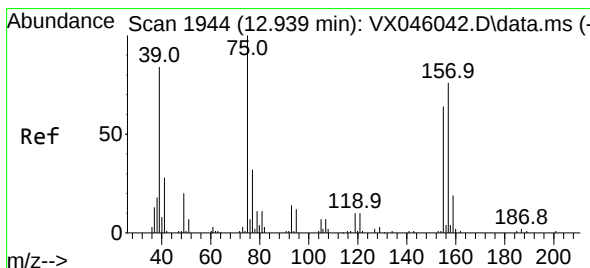
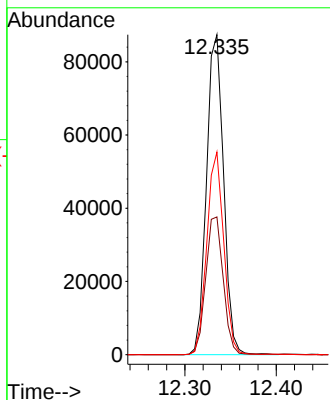
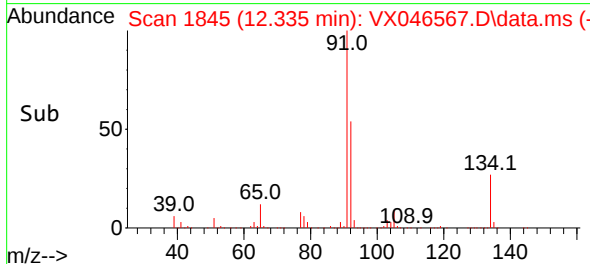
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



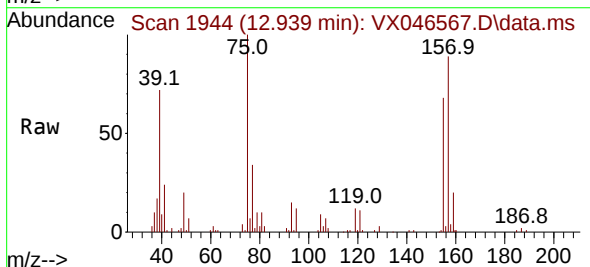
Tgt Ion:146 Resp: 11297
Ion Ratio Lower Upper
146 100
111 44.4 22.4 67.3
148 63.0 31.6 94.8

Manual Integrations
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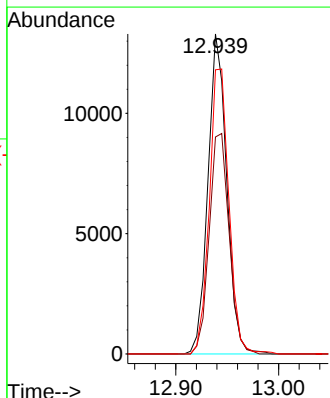
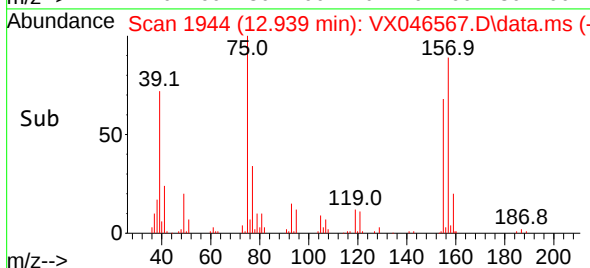
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

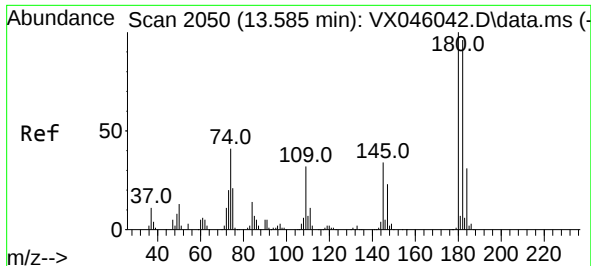


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.190 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03



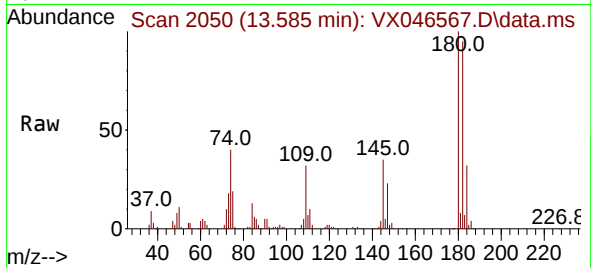
Tgt Ion: 75 Resp: 16891
Ion Ratio Lower Upper
75 100
155 73.1 34.9 104.8
157 92.7 43.8 131.4





#93
1,2,4-Trichlorobenzene
Concen: 51.651 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

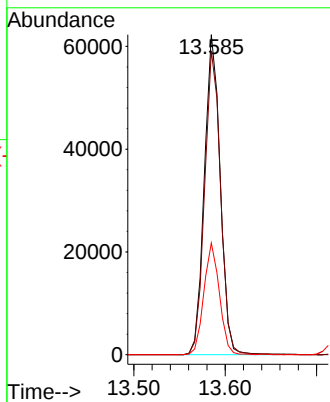
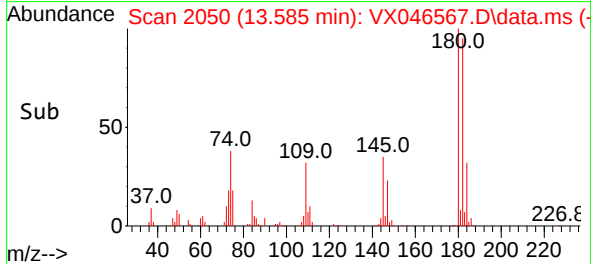
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



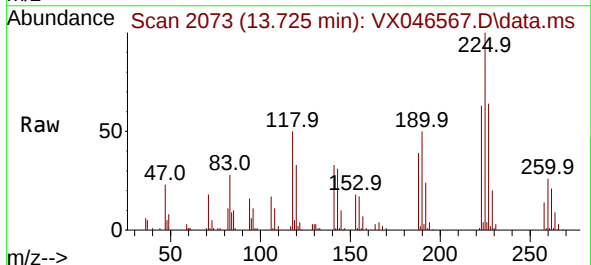
Tgt Ion:180 Resp: 7496
Ion Ratio Lower Upper
180 100
182 95.1 47.9 143.8
145 34.1 17.1 51.2

Manual Integrations
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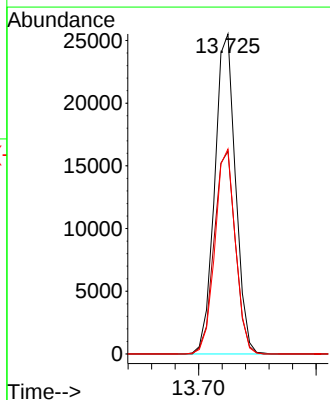
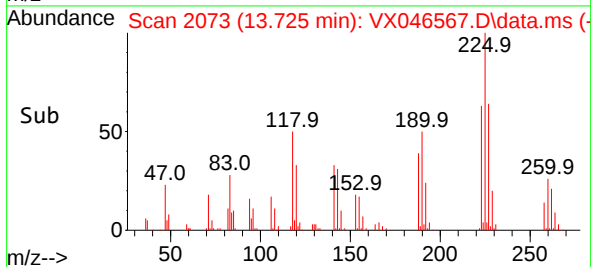
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#94
Hexachlorobutadiene
Concen: 46.568 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03



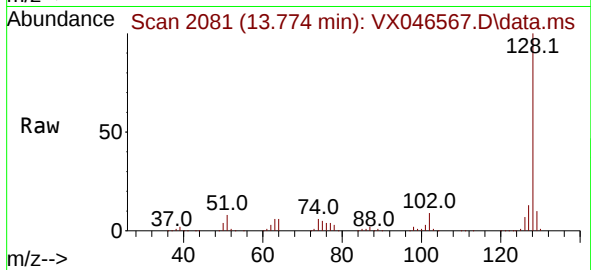
Tgt Ion:225 Resp: 31409
Ion Ratio Lower Upper
225 100
223 64.7 30.8 92.4
227 62.9 30.9 92.7





#95
Naphthalene
Concen: 52.381 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03

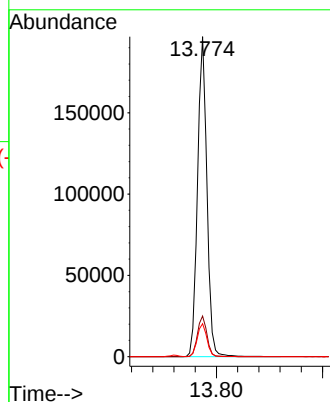
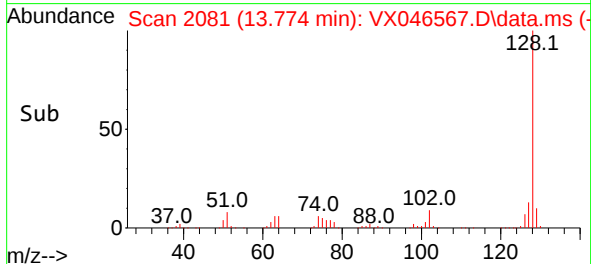
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



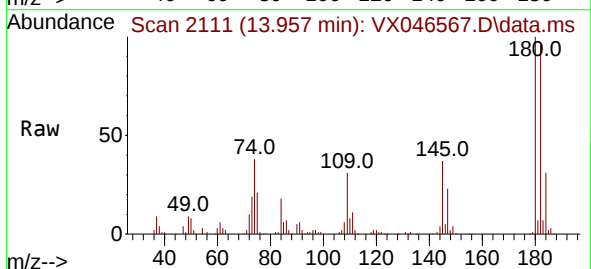
Tgt Ion:128 Resp: 241084
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.749 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046567.D
Acq: 09 Jun 2025 09:03



Tgt Ion:180 Resp: 75311
Ion Ratio Lower Upper
180 100
182 94.4 47.8 143.3
145 35.9 18.1 54.3

