

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032625\
 Data File : VX045467.D
 Acq On : 26 Mar 2025 14:06
 Operator : JC/MD
 Sample : Q1629-04MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT188S1-20250320MS

Quant Time: Mar 27 01:38:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/28/2025
 Supervised By : Mahesh Dadoda 03/28/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	79755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	146350	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68108	53.687	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.380%			
35) Dibromofluoromethane	5.379	113	48275	49.330	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.660%			
50) Toluene-d8	8.647	98	164889	46.477	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.960%			
62) 4-Bromofluorobenzene	11.079	95	60102	51.123	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	46532	46.350	ug/l	98
3) Chloromethane	1.301	50	50060	40.746	ug/l	96
4) Vinyl Chloride	1.374	62	49466	40.586	ug/l	98
5) Bromomethane	1.593	94	22020	45.959	ug/l	96
6) Chloroethane	1.660	64	24283	43.195	ug/l	97
7) Trichlorofluoromethane	1.867	101	75513	46.802	ug/l	99
8) Diethyl Ether	2.136	74	28463	45.102	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.313	101	50794	54.797	ug/l	98
10) Methyl Iodide	2.441	142	57932	50.010	ug/l	93
11) Tert butyl alcohol	2.995	59	60816	253.087	ug/l	98
12) 1,1-Dichloroethene	2.306	96	46906	47.862	ug/l	91
13) Acrolein	2.239	56	77953	280.632	ug/l	99
14) Allyl chloride	2.654	41	91634	52.528	ug/l	94
15) Acrylonitrile	3.068	53	175382	272.322	ug/l	99
16) Acetone	2.386	43	165202	280.669	ug/l	95
17) Carbon Disulfide	2.495	76	89593	34.324	ug/l	99
18) Methyl Acetate	2.709	43	101259	71.511	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	177897	54.106	ug/l	96
20) Methylene Chloride	2.782	84	57196	49.055	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	46380	47.904	ug/l	95
22) Diisopropyl ether	3.763	45	190132	53.591	ug/l	97
23) Vinyl Acetate	3.721	43	761827	257.312	ug/l	100
24) 1,1-Dichloroethane	3.605	63	104747	52.681	ug/l	100
25) 2-Butanone	4.562	43	256278	289.256	ug/l	98
26) 2,2-Dichloropropane	4.465	77	68798	73.768	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	60400	50.536	ug/l	91
28) Bromochloromethane	4.891	49	50738	53.536	ug/l	98
29) Tetrahydrofuran	5.007	42	157811	265.234	ug/l	100
30) Chloroform	5.086	83	109031	55.188	ug/l	97
31) Cyclohexane	5.464	56	79780	46.223	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	88281	55.326	ug/l	98
36) 1,1-Dichloropropene	5.684	75	65083	48.495	ug/l	99
37) Ethyl Acetate	4.715	43	87939	50.852	ug/l	98
38) Carbon Tetrachloride	5.672	117	72318	53.077	ug/l	99
39) Methylcyclohexane	7.373	83	78668	48.920	ug/l	95
40) Benzene	6.031	78	210492	49.669	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	53883	57.624	ug/l	99
42) 1,2-Dichloroethane	6.080	62	89136	58.409	ug/l	96
43) Isopropyl Acetate	6.342	43	139297	54.473	ug/l	99
44) Trichloroethene	7.123	130	53208	53.470	ug/l	97
45) 1,2-Dichloropropane	7.427	63	55967	51.364	ug/l	96
46) Dibromomethane	7.580	93	42626	55.348	ug/l	95
47) Bromodichloromethane	7.818	83	85047	56.299	ug/l	98
48) Methyl methacrylate	7.690	41	75585	58.917	ug/l	93
49) 1,4-Dioxane	7.665	88	31254	1154.916	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	495132	288.370	ug/l	99
52) Toluene	8.714	92	128286	51.594	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	71333	56.484	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	81244	55.168	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	54781	53.517	ug/l	99
56) Ethyl methacrylate	9.116	69	88064	56.598	ug/l	92
57) 1,3-Dichloropropane	9.305	76	94297	53.232	ug/l	99
59) 2-Hexanone	9.433	43	369120	296.710	ug/l	98
60) Dibromochloromethane	9.519	129	60161	56.210	ug/l	99
61) 1,2-Dibromoethane	9.610	107	54681	53.511	ug/l	98
64) Tetrachloroethene	9.269	164	40543	49.320	ug/l	97
65) Chlorobenzene	10.079	112	140765	51.830	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	48742	53.892	ug/l	97
67) Ethyl Benzene	10.189	91	251811	53.212	ug/l	98
68) m/p-Xylenes	10.299	106	179991	103.899	ug/l	94
69) o-Xylene	10.640	106	90251	51.655	ug/l	96
70) Styrene	10.652	104	152690	54.010	ug/l	97
71) Bromoform	10.799	173	37444	54.901	ug/l #	99
73) Isopropylbenzene	10.957	105	237533	51.783	ug/l	100
74) N-amyl acetate	10.841	43	114520	53.205	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	87521	51.994	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	72015m	52.648	ug/l	
77) Bromobenzene	11.195	156	53862	49.767	ug/l	95
78) n-propylbenzene	11.305	91	274062	52.890	ug/l	98
79) 2-Chlorotoluene	11.360	91	169636	51.404	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	196564	52.996	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	20862	52.194	ug/l #	82
82) 4-Chlorotoluene	11.451	91	190526	52.974	ug/l	98
83) tert-Butylbenzene	11.713	119	198359	52.050	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	198088	53.078	ug/l	96
85) sec-Butylbenzene	11.890	105	244804	53.627	ug/l	99
86) p-Isopropyltoluene	12.006	119	197358	53.497	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	97338	50.415	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	97630	49.981	ug/l	98
89) n-Butylbenzene	12.329	91	172306	54.229	ug/l	99
90) Hexachloroethane	12.536	117	35355	52.984	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	101203	52.253	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19915	60.728	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	57177	51.846	ug/l	99
94) Hexachlorobutadiene	13.725	225	23184	51.276	ug/l	99
95) Naphthalene	13.774	128	219209	51.735	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	59466	51.113	ug/l	99

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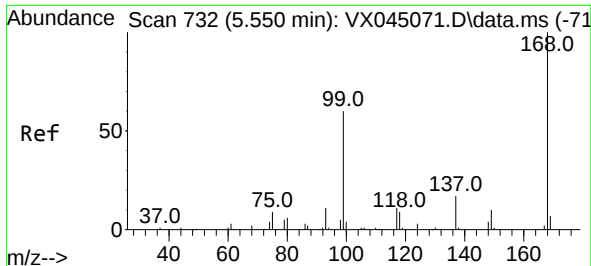
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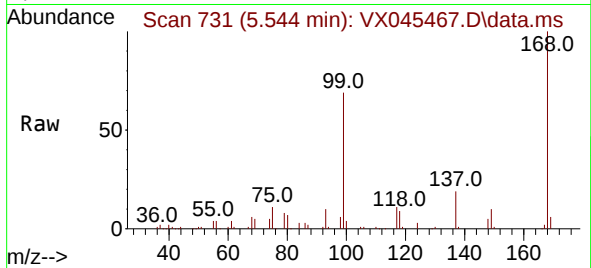
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045467.D
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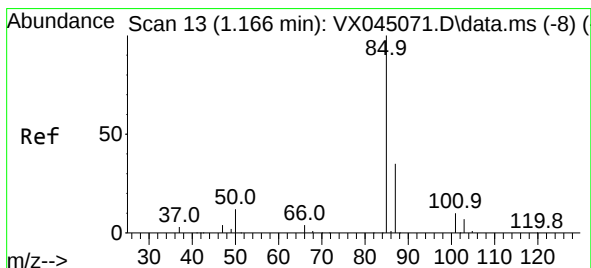
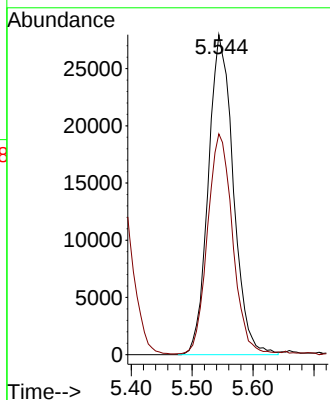
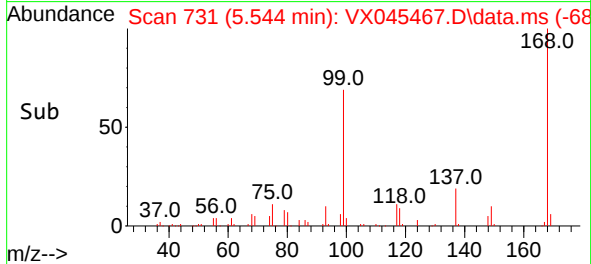
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MS



Tgt Ion:168 Resp: 7975
Ion Ratio Lower Upper
168 100
99 68.7 48.2 72.4

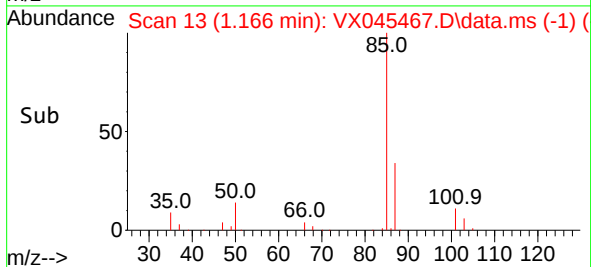
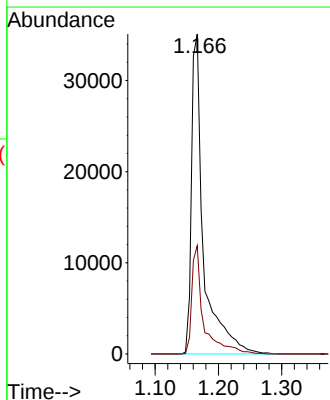
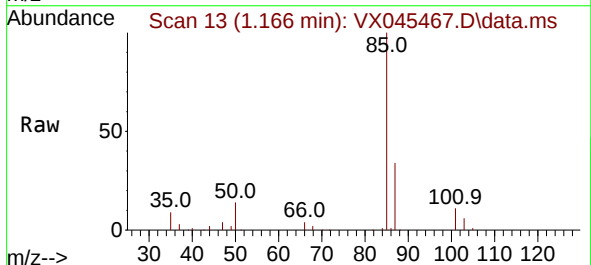
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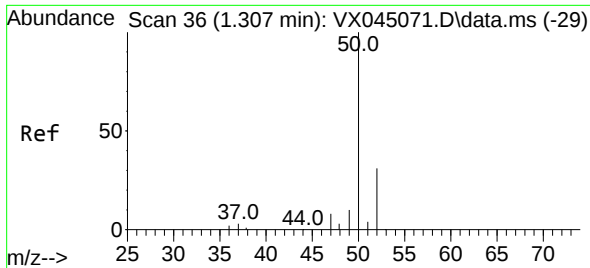
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#2
Dichlorodifluoromethane
Concen: 46.350 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

Tgt Ion: 85 Resp: 46532
Ion Ratio Lower Upper
85 100
87 33.8 17.4 52.3





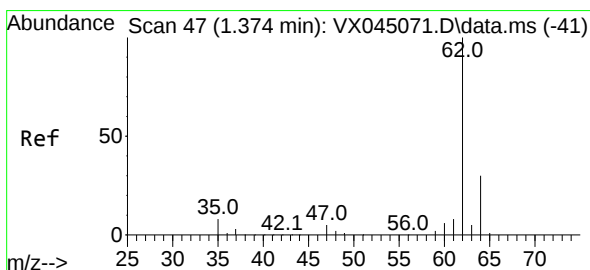
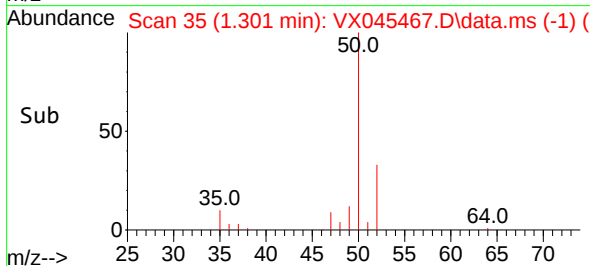
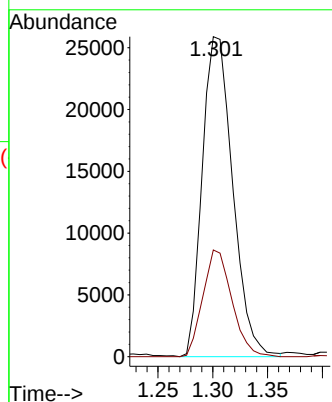
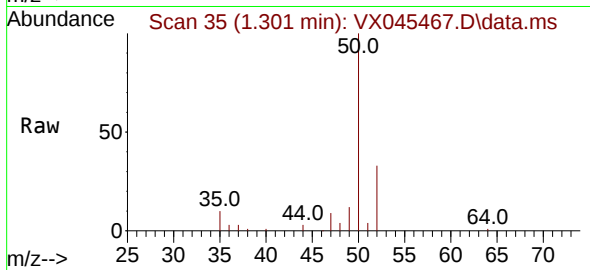
#3
Chloromethane
Concen: 40.746 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

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MSVOA_X
ClientSampleId :
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Tgt Ion: 50 Resp: 50060
Ion Ratio Lower Upper
50 100
52 33.3 25.0 37.4

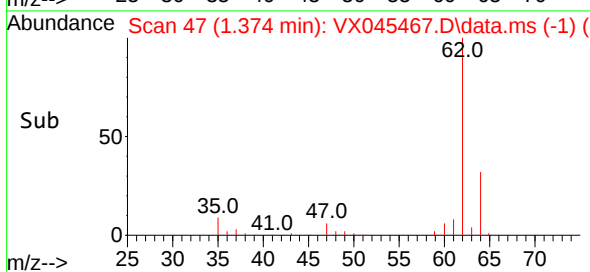
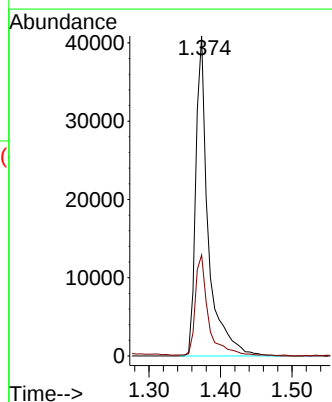
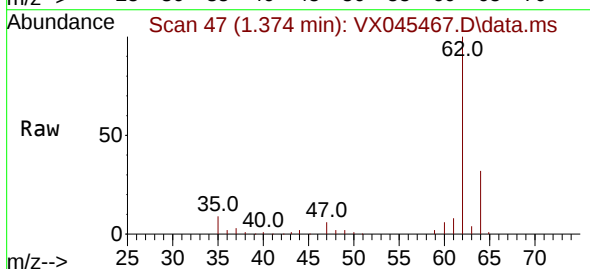
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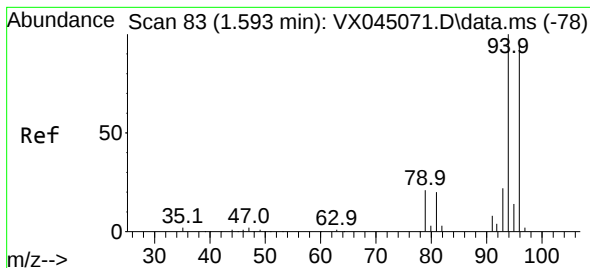
Reviewed By :John Carlone 03/28/2025
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#4
Vinyl Chloride
Concen: 40.586 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

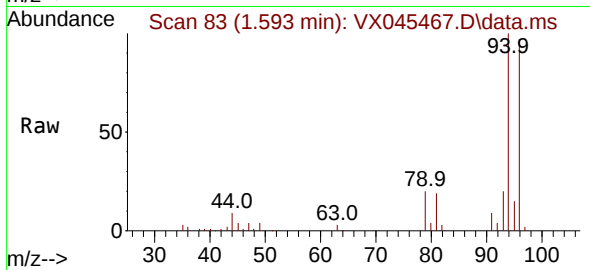
Tgt Ion: 62 Resp: 49466
Ion Ratio Lower Upper
62 100
64 31.3 24.3 36.5





#5
Bromomethane
Concen: 45.959 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045467.D
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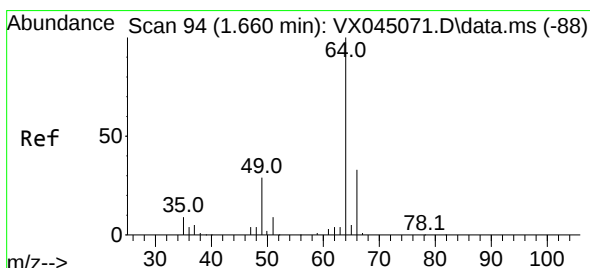
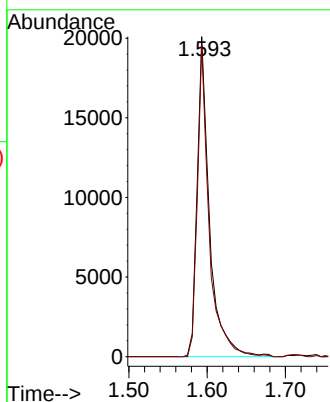
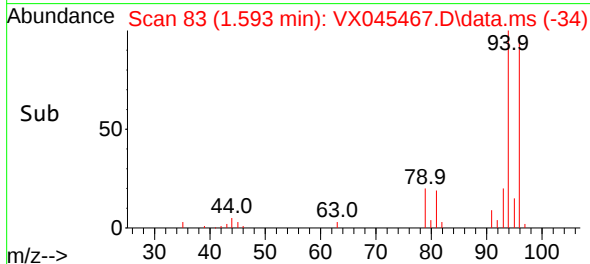
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Tgt Ion: 94 Resp: 22020
Ion Ratio Lower Upper
94 100
96 97.4 75.0 112.4

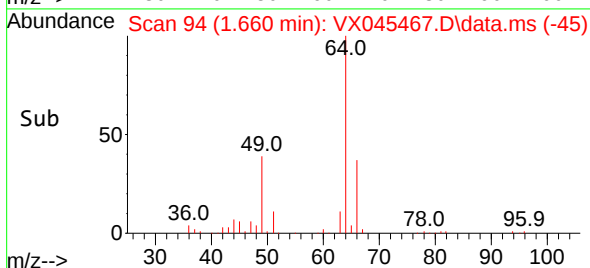
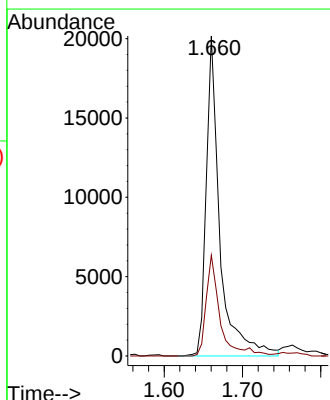
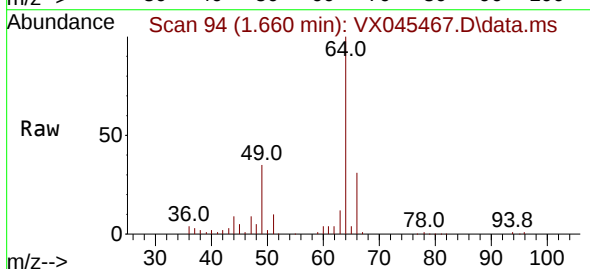
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#6
Chloroethane
Concen: 43.195 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

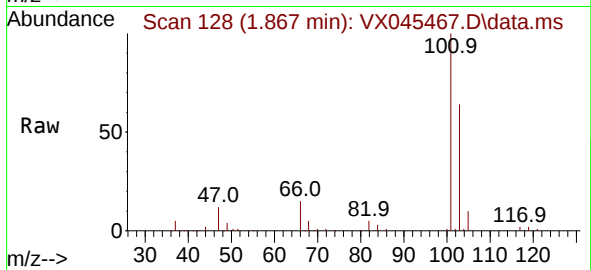
Tgt Ion: 64 Resp: 24283
Ion Ratio Lower Upper
64 100
66 31.5 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 46.802 ug/l
 RT: 1.867 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045467.D
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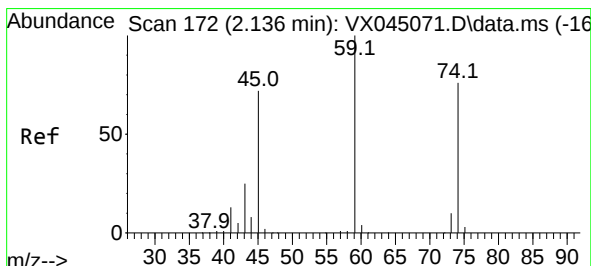
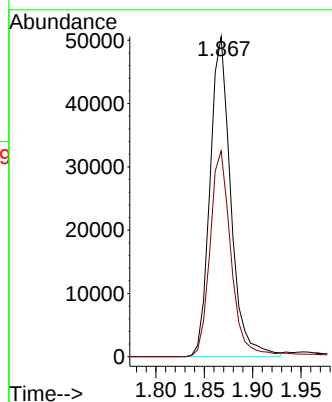
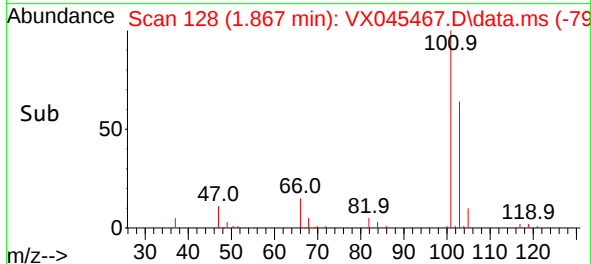
Instrument :
 MSVOA_X
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Tgt Ion:101 Resp: 7551
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.1 78.1

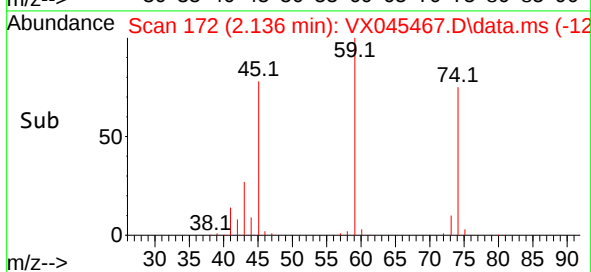
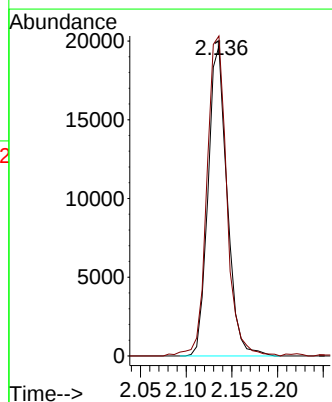
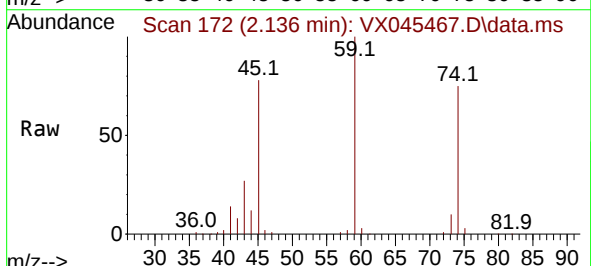
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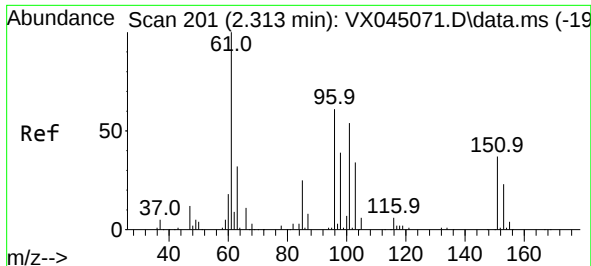
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#8
 Diethyl Ether
 Concen: 45.102 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX045467.D
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Tgt Ion: 74 Resp: 28463
 Ion Ratio Lower Upper
 74 100
 45 107.8 51.5 154.5





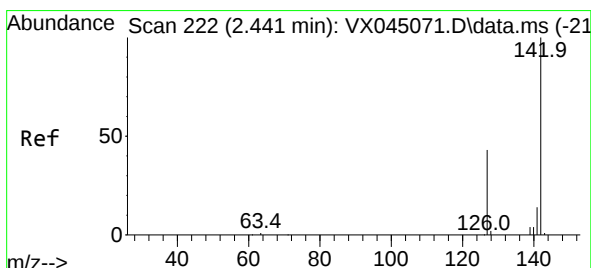
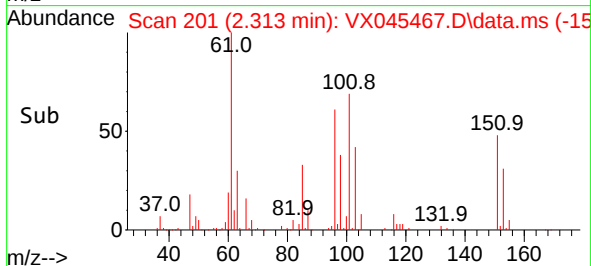
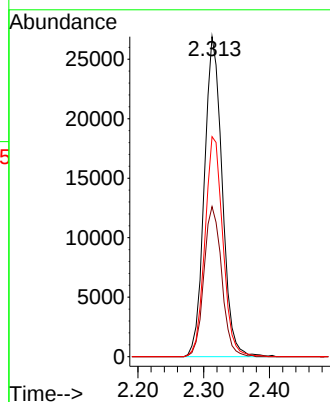
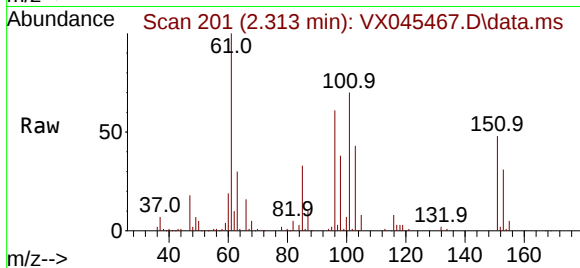
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.797 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

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MSVOA_X
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Tgt Ion:101 Resp: 50794
Ion Ratio Lower Upper
101 100
85 46.6 36.2 54.4
151 69.0 56.4 84.6

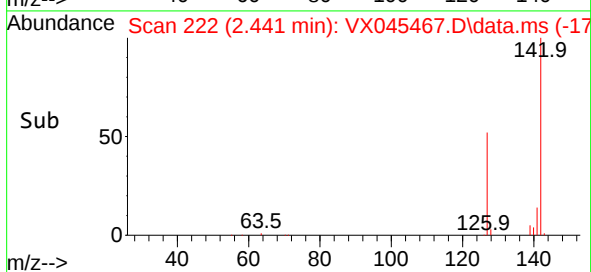
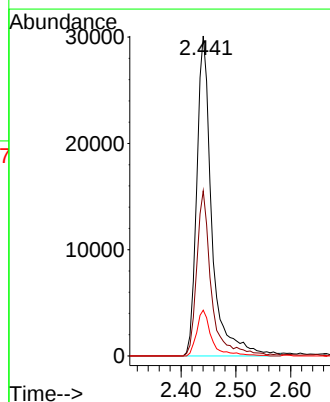
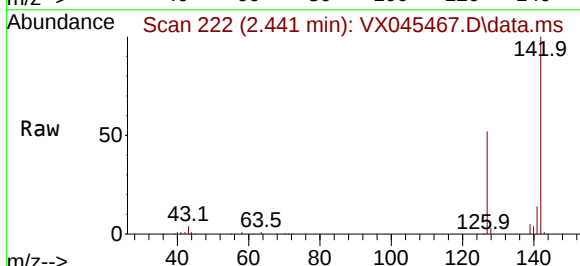
Manual Integrations
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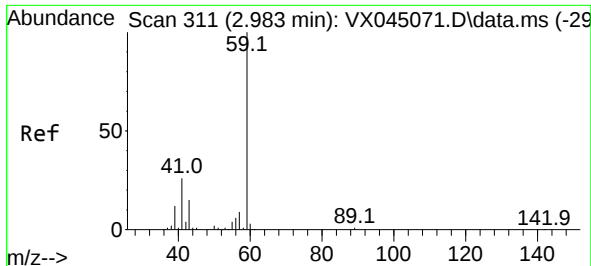
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#10
Methyl Iodide
Concen: 50.010 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

Tgt Ion:142 Resp: 57932
Ion Ratio Lower Upper
142 100
127 49.9 35.4 53.2
141 14.2 11.6 17.4





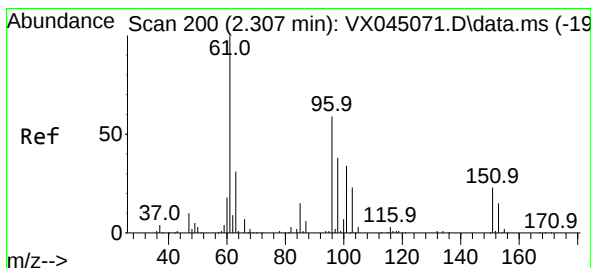
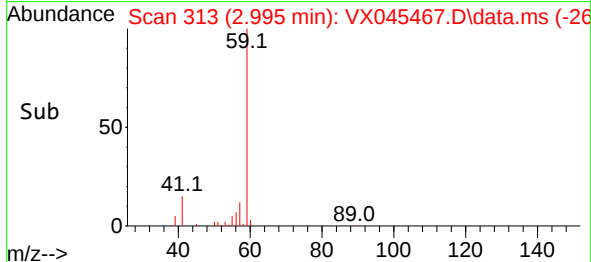
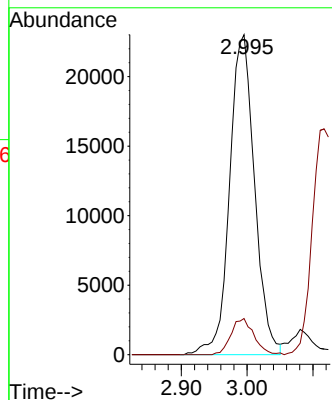
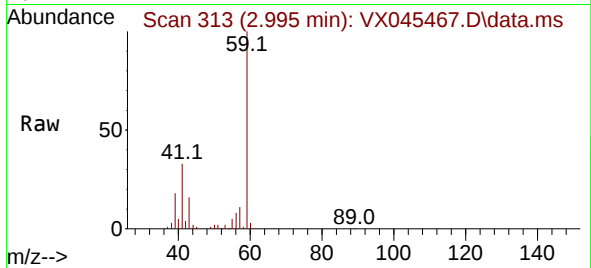
#11
Tert butyl alcohol
Concen: 253.087 ug/l
RT: 2.995 min Scan# 311
Delta R.T. 0.012 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MS

Tgt Ion: 59 Resp: 60810
Ion Ratio Lower Upper
59 100
57 10.4 7.8 11.8

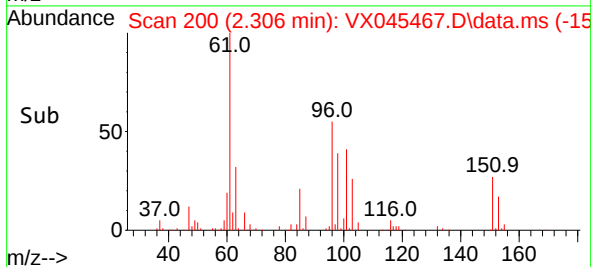
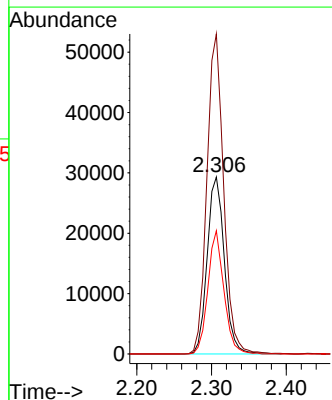
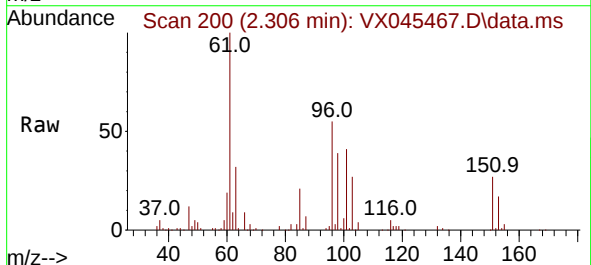
Manual Integrations
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Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#12
1,1-Dichloroethene
Concen: 47.862 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

Tgt Ion: 96 Resp: 46906
Ion Ratio Lower Upper
96 100
61 180.8 134.6 202.0
98 69.6 51.0 76.6





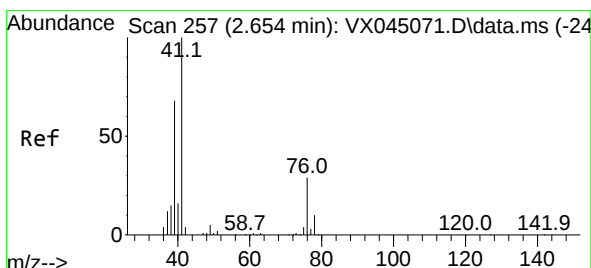
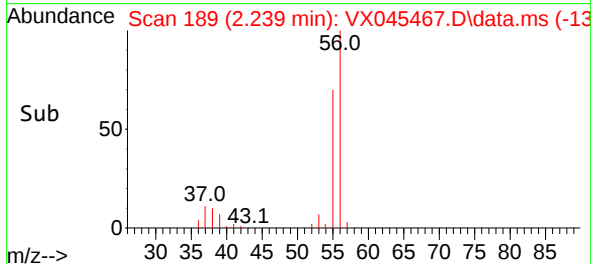
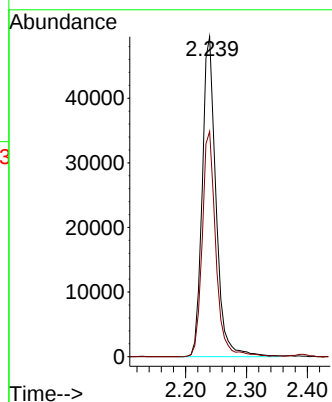
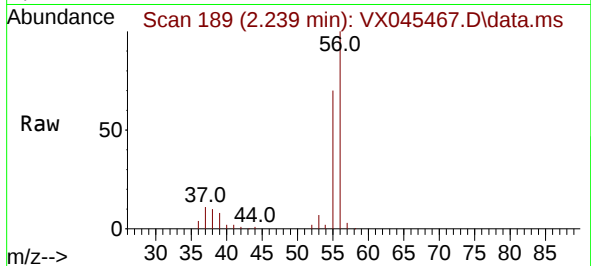
#13
Acrolein
Concen: 280.632 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MS

Tgt Ion: 56 Resp: 7795
Ion Ratio Lower Upper
56 100
55 69.6 56.2 84.4

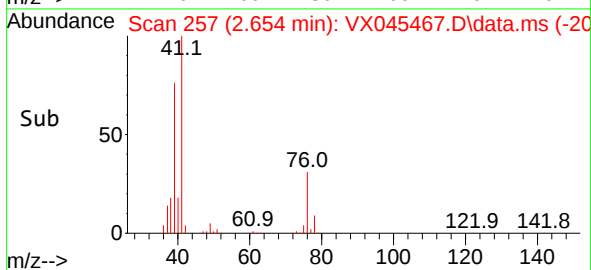
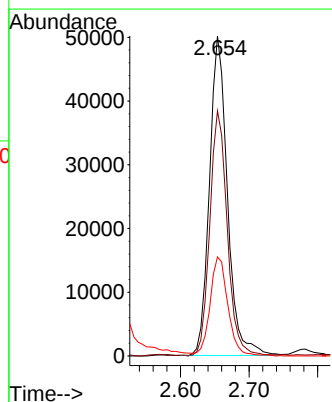
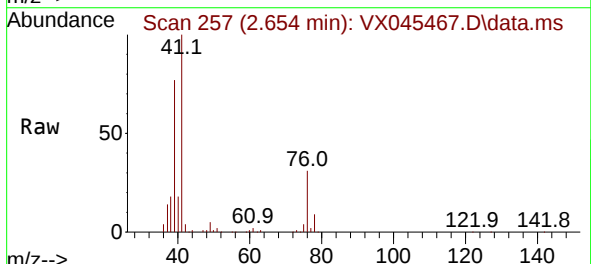
Manual Integrations
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Supervised By :Mahesh Dadoda 03/28/2025



#14
Allyl chloride
Concen: 52.528 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

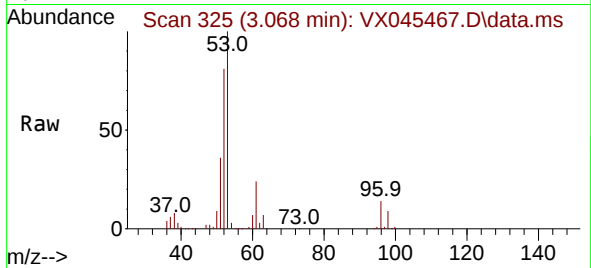
Tgt Ion: 41 Resp: 91634
Ion Ratio Lower Upper
41 100
39 73.8 53.8 80.8
76 30.8 25.2 37.8





#15
Acrylonitrile
Concen: 272.322 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

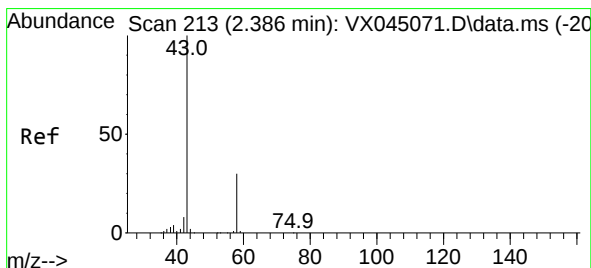
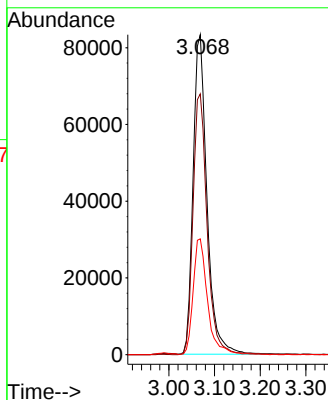
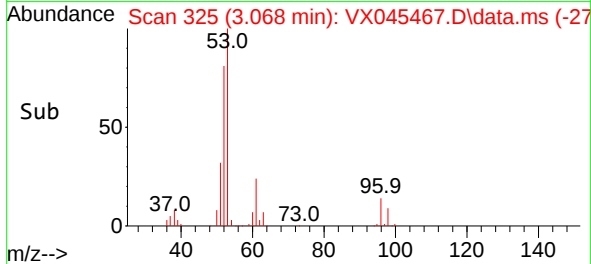
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MS



Tgt Ion: 53 Resp: 17538
Ion Ratio Lower Upper
53 100
52 83.3 66.2 99.2
51 37.8 29.0 43.4

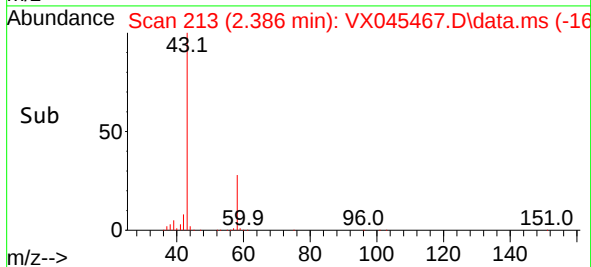
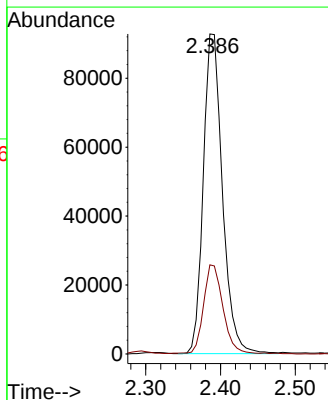
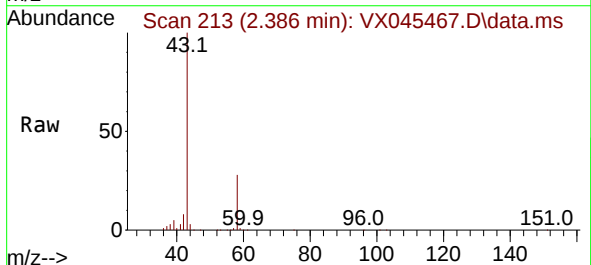
Manual Integrations
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Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#16
Acetone
Concen: 280.669 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

Tgt Ion: 43 Resp: 165202
Ion Ratio Lower Upper
43 100
58 27.7 24.2 36.4





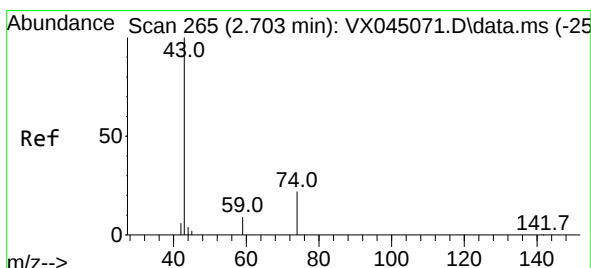
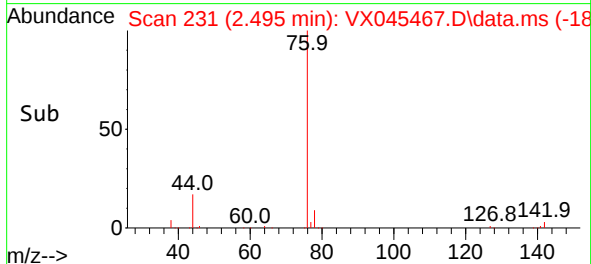
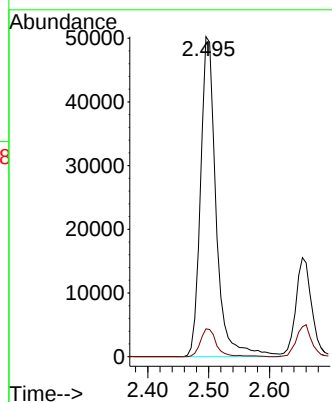
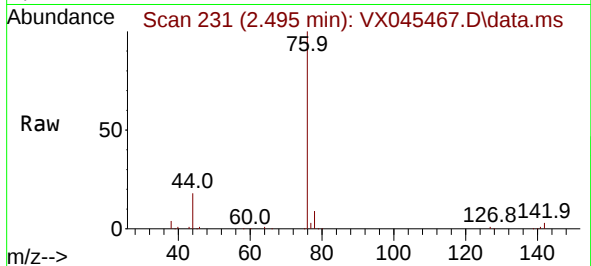
#17
Carbon Disulfide
Concen: 34.324 ug/l
RT: 2.495 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MS

Tgt Ion: 76 Resp: 8959
Ion Ratio Lower Upper
76 100
78 8.7 6.6 9.8

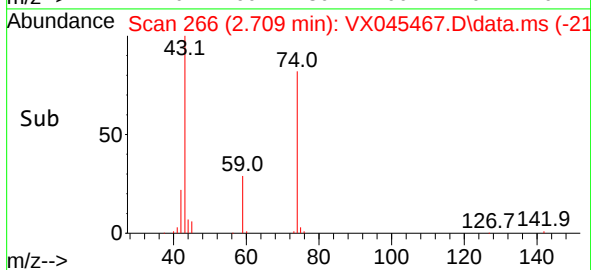
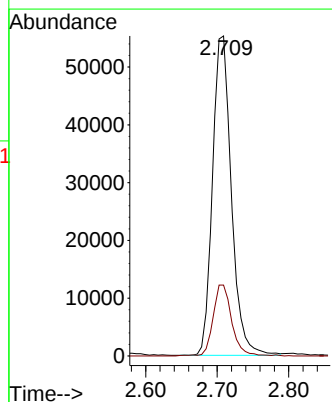
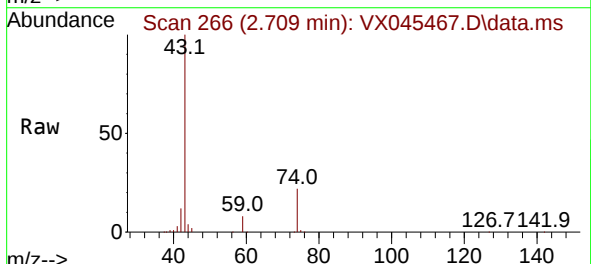
Manual Integrations
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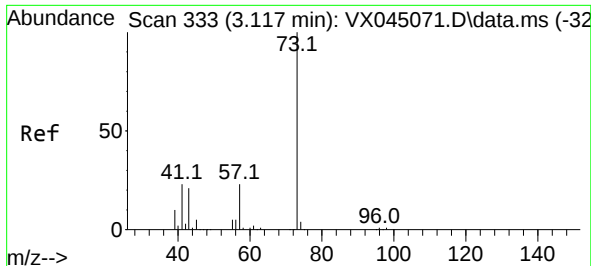
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#18
Methyl Acetate
Concen: 71.511 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

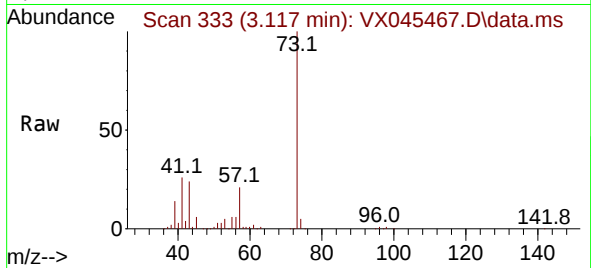
Tgt Ion: 43 Resp: 101259
Ion Ratio Lower Upper
43 100
74 22.1 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 54.106 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

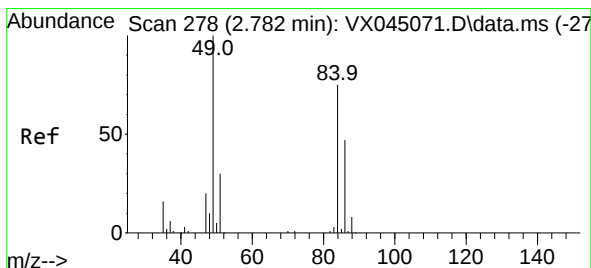
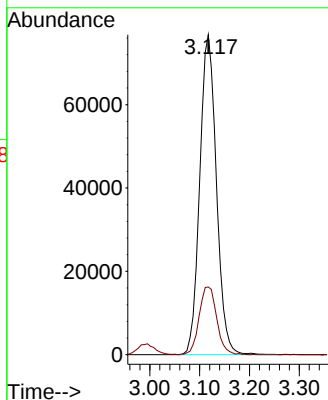
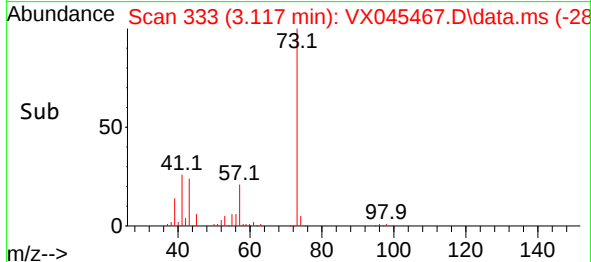
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MS



Tgt Ion: 73 Resp: 17789
Ion Ratio Lower Upper
73 100
57 21.1 18.5 27.7

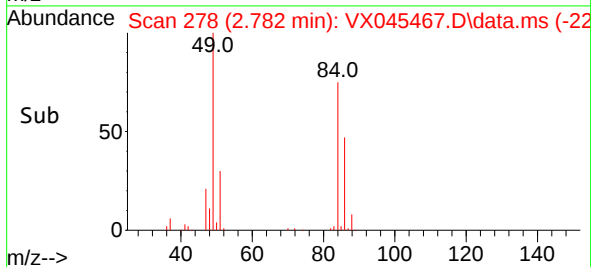
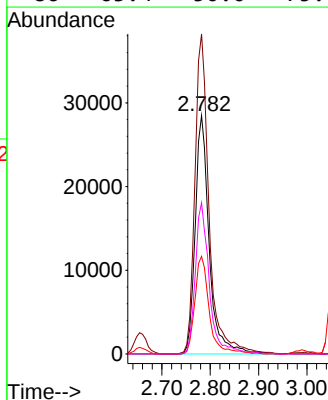
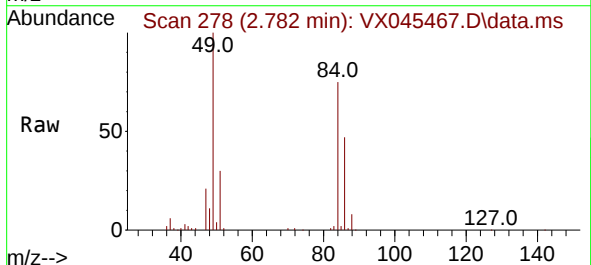
Manual Integrations
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Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#20
Methylene Chloride
Concen: 49.055 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

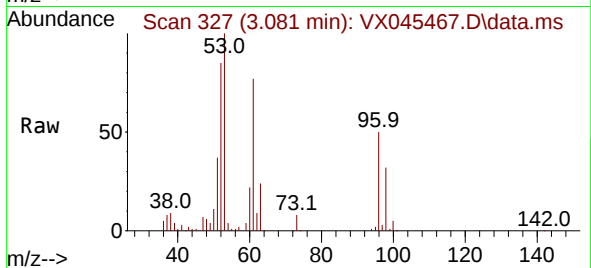
Tgt Ion: 84 Resp: 57196
Ion Ratio Lower Upper
84 100
49 134.2 106.5 159.7
51 40.9 32.1 48.1
86 63.4 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 47.904 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

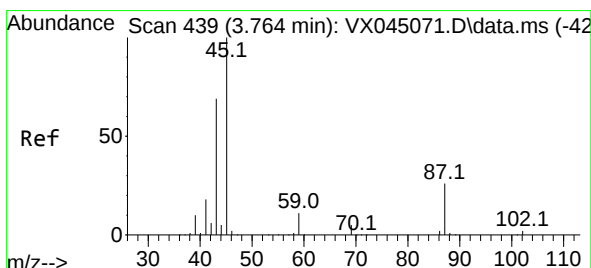
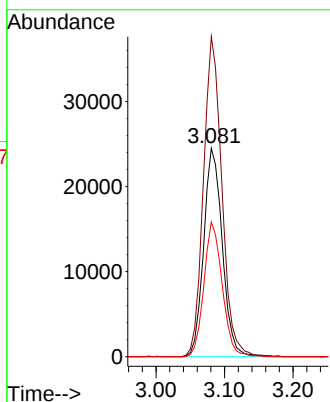
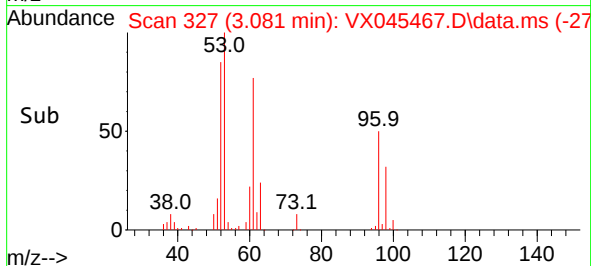
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MS



Tgt Ion: 96 Resp: 46380
Ion Ratio Lower Upper
96 100
61 153.5 117.0 175.4
98 64.6 53.4 80.2

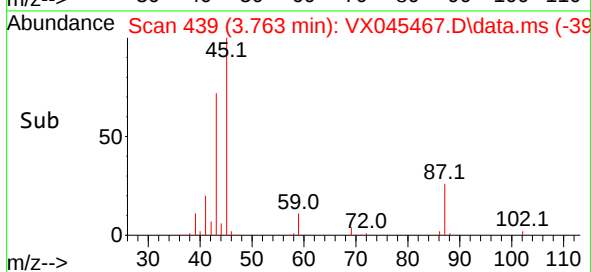
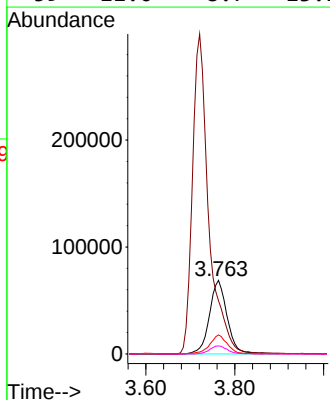
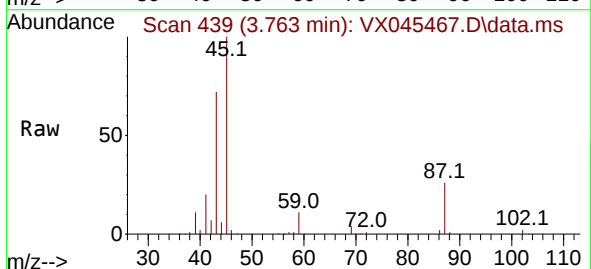
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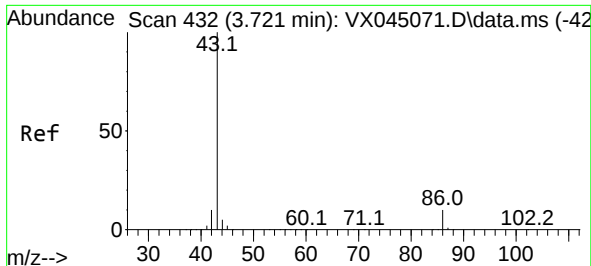
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#22
Diisopropyl ether
Concen: 53.591 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

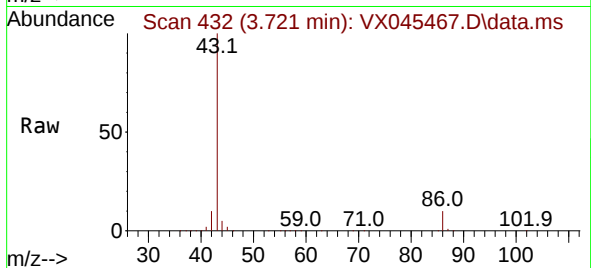
Tgt Ion: 45 Resp: 190132
Ion Ratio Lower Upper
45 100
43 72.0 54.9 82.3
87 25.8 21.0 31.4
59 11.0 8.7 13.1





#23
 Vinyl Acetate
 Concen: 257.312 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045467.D
 Acq: 26 Mar 2025 14:06

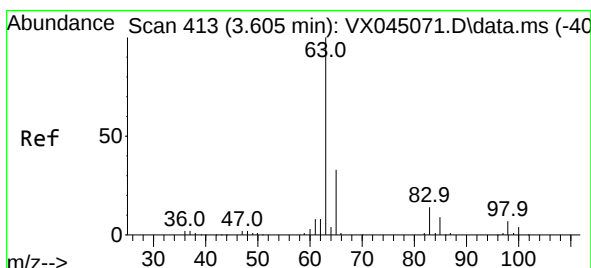
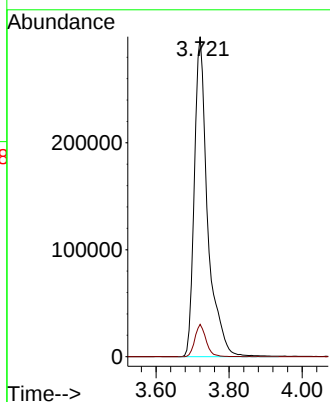
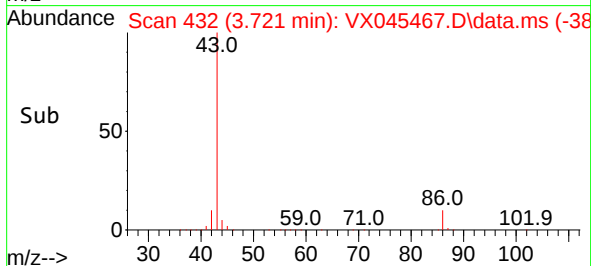
Instrument :
 MSVOA_X
 ClientSampleId :
 TT188S1-20250320MS



Tgt Ion: 43 Resp: 76182
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.1 12.1

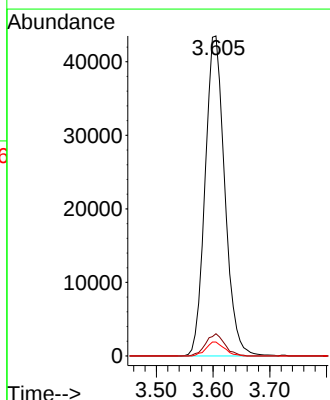
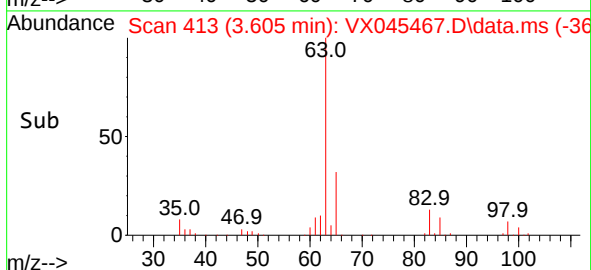
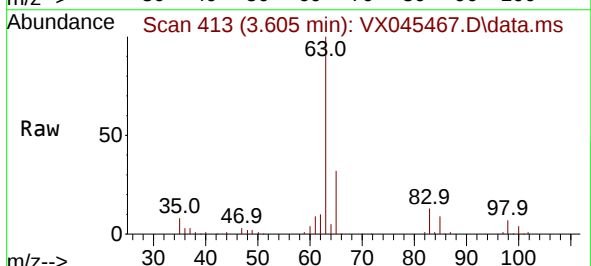
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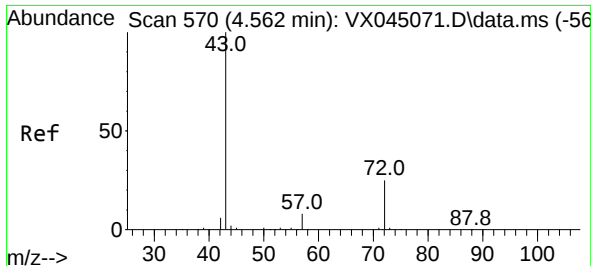
Reviewed By :John Carlone 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025



#24
 1,1-Dichloroethane
 Concen: 52.681 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045467.D
 Acq: 26 Mar 2025 14:06

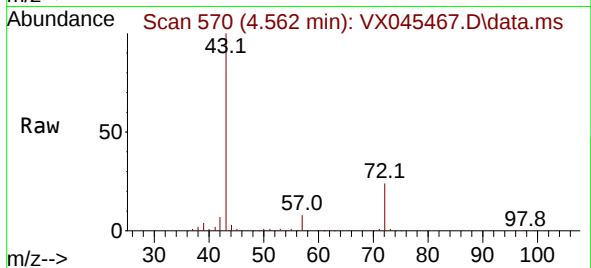
Tgt Ion: 63 Resp: 104747
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.2
 100 4.3 2.1 6.5





#25
2-Butanone
Concen: 289.256 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

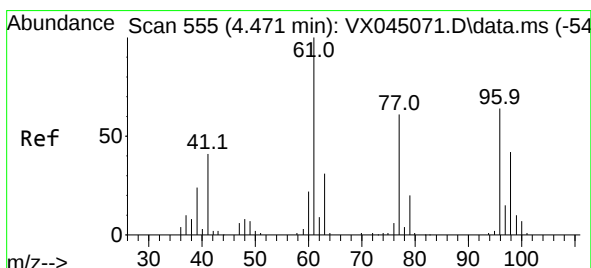
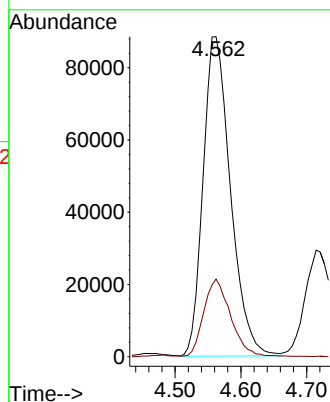
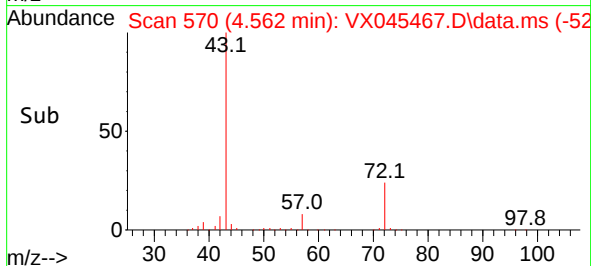
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MS



Tgt Ion: 43 Resp: 256278
Ion Ratio Lower Upper
43 100
72 24.2 20.0 30.0

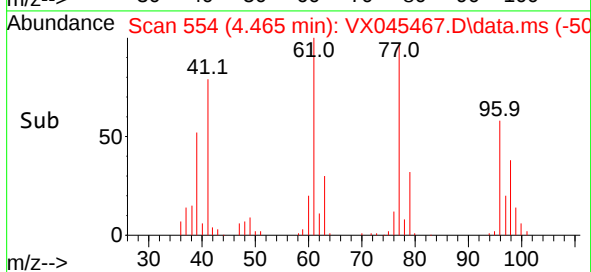
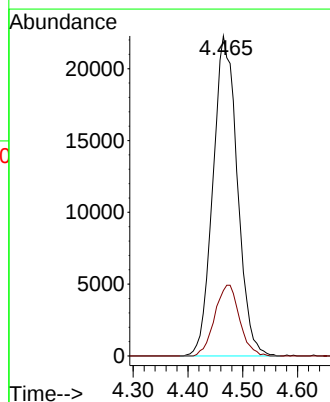
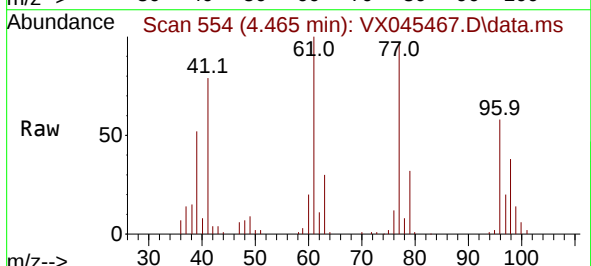
Manual Integrations
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Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#26
2,2-Dichloropropane
Concen: 73.768 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

Tgt Ion: 77 Resp: 68798
Ion Ratio Lower Upper
77 100
97 22.5 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 50.536 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX045467.D

Acq: 26 Mar 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

TT188S1-20250320MS

Tgt Ion: 96 Resp: 60400

Ion Ratio Lower Upper

96 100

61 156.0 0.0 283.2

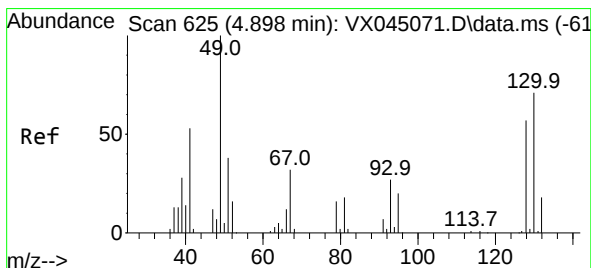
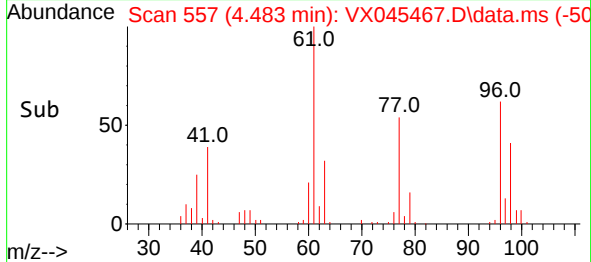
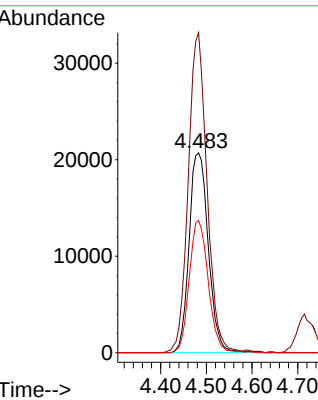
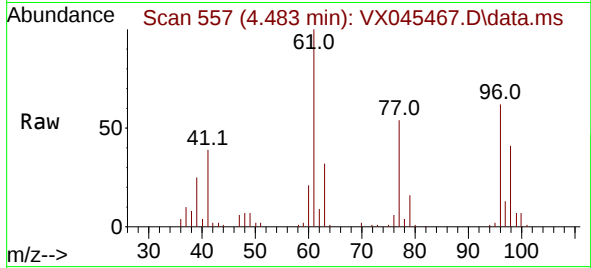
98 65.5 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#28

Bromochloromethane

Concen: 53.536 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX045467.D

Acq: 26 Mar 2025 14:06

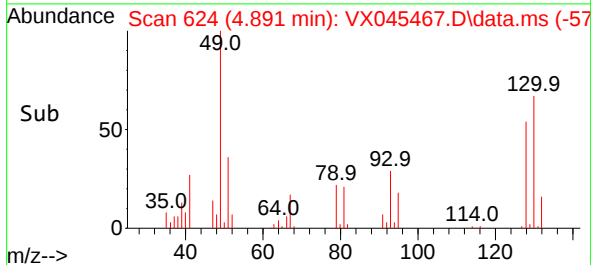
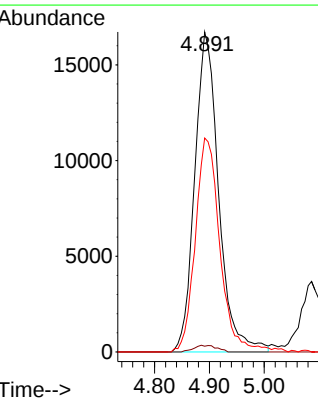
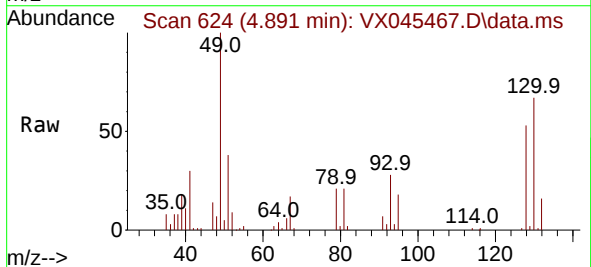
Tgt Ion: 49 Resp: 50738

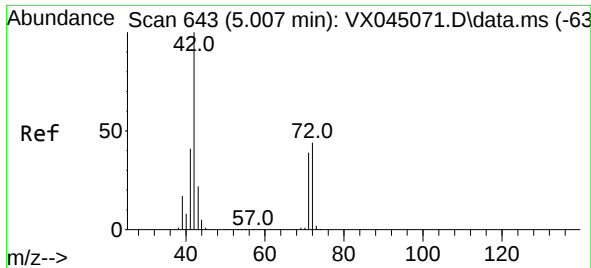
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.4

130 68.5 56.1 84.1





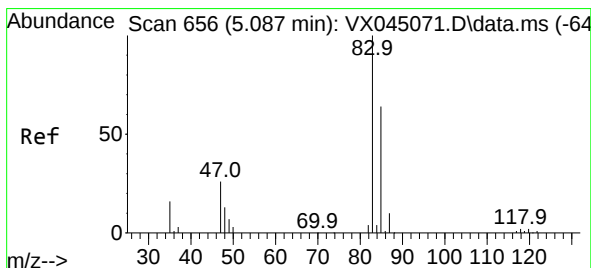
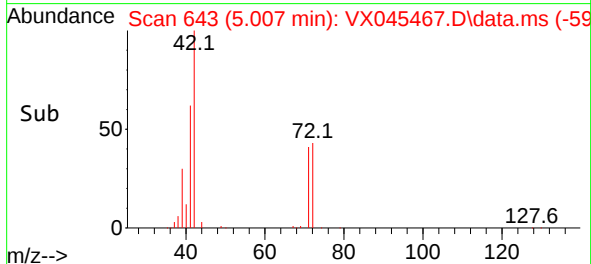
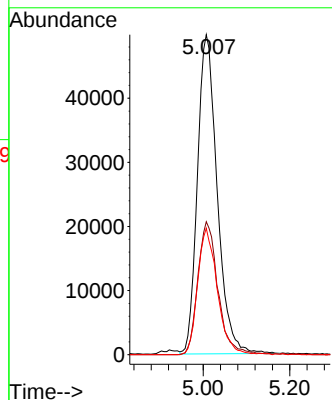
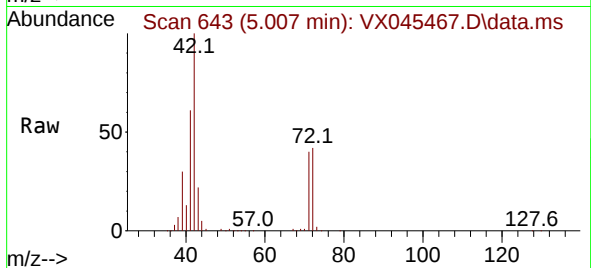
#29
Tetrahydrofuran
Concen: 265.234 ug/l
RT: 5.007 min Scan# 643
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MS

Tgt Ion: 42 Resp: 15781
Ion Ratio Lower Upper
42 100
72 42.4 34.1 51.1
71 39.3 31.4 47.0

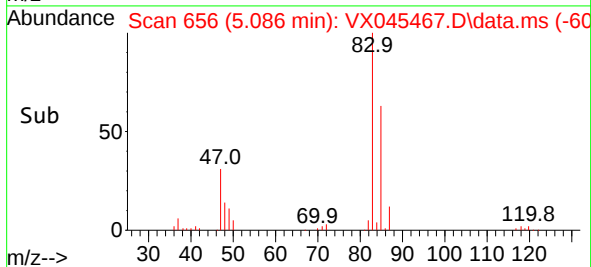
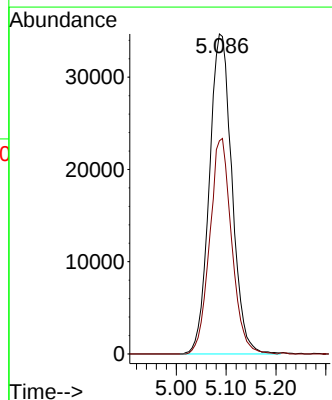
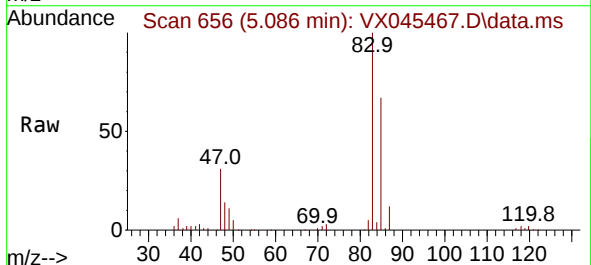
Manual Integrations
APPROVED

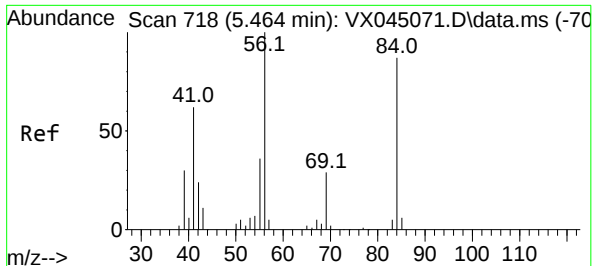
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#30
Chloroform
Concen: 55.188 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

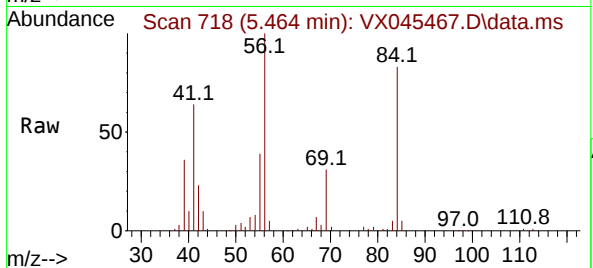
Tgt Ion: 83 Resp: 109031
Ion Ratio Lower Upper
83 100
85 66.6 51.4 77.2





#31
Cyclohexane
Concen: 46.223 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

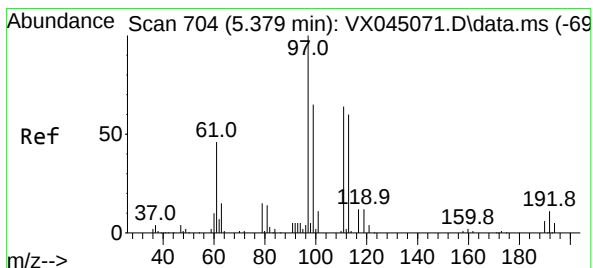
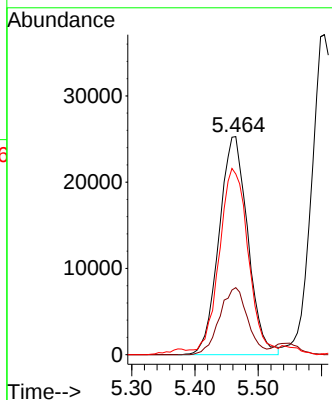
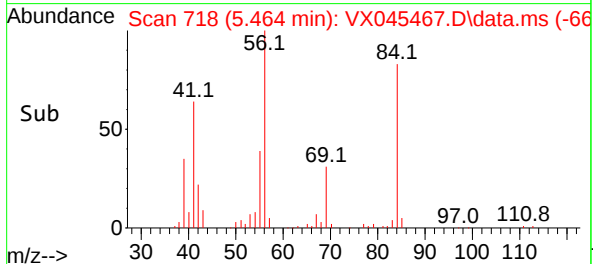
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MS



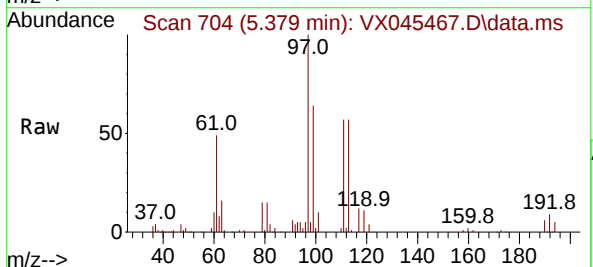
Tgt Ion: 56 Resp: 79780
Ion Ratio Lower Upper
56 100
69 30.7 23.4 35.2
84 80.2 69.4 104.2

Manual Integrations
APPROVED

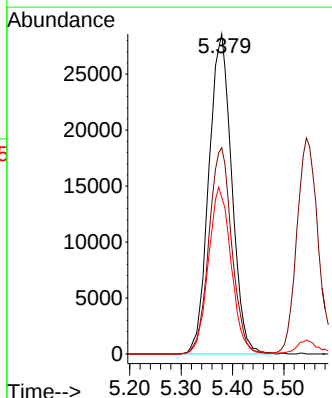
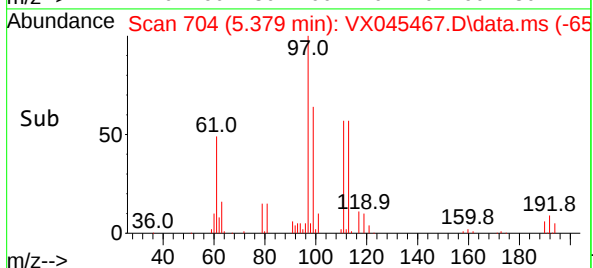
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#32
1,1,1-Trichloroethane
Concen: 55.326 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06



Tgt Ion: 97 Resp: 88281
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 51.9 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 53.687 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045467.D

Acq: 26 Mar 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

TT188S1-20250320MS

Tgt Ion: 65 Resp: 68108

Ion Ratio Lower Upper

65 100

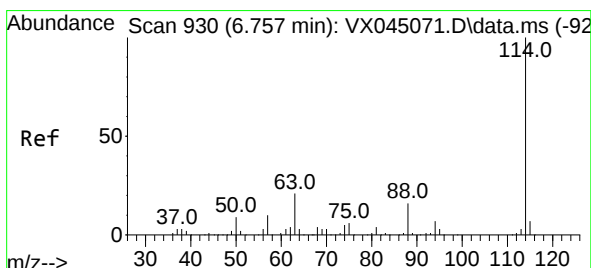
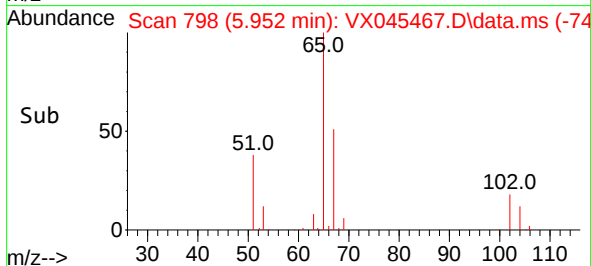
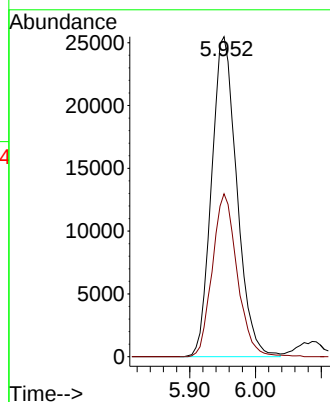
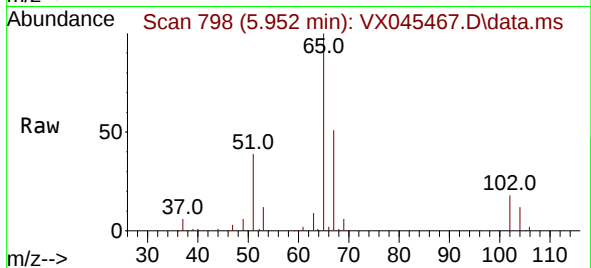
67 50.2 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045467.D

Acq: 26 Mar 2025 14:06

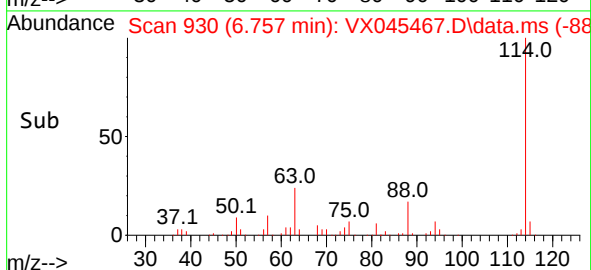
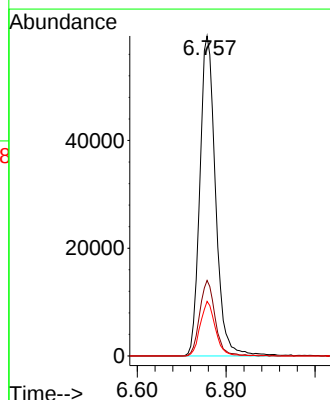
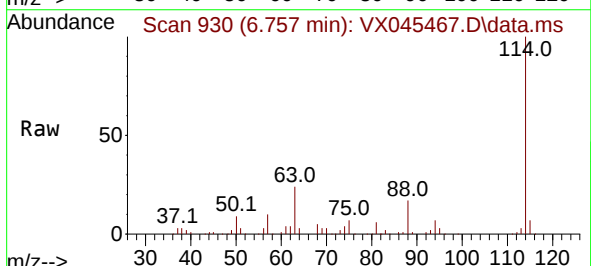
Tgt Ion:114 Resp: 146350

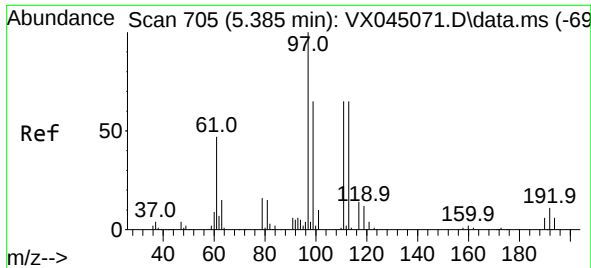
Ion Ratio Lower Upper

114 100

63 23.6 0.0 41.8

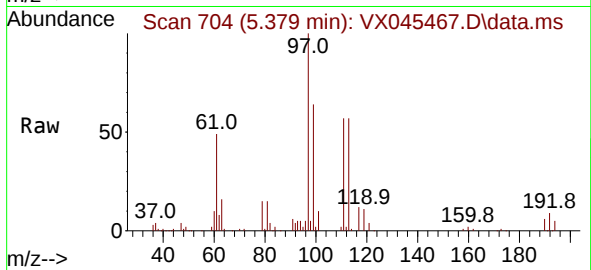
88 17.0 0.0 32.8





#35
Dibromofluoromethane
Concen: 49.330 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

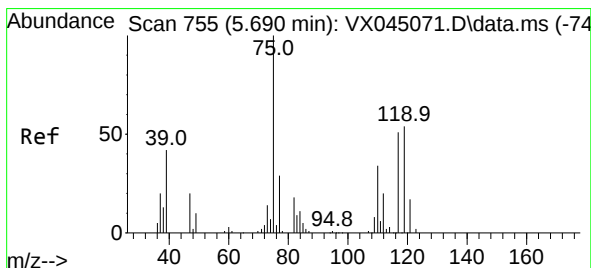
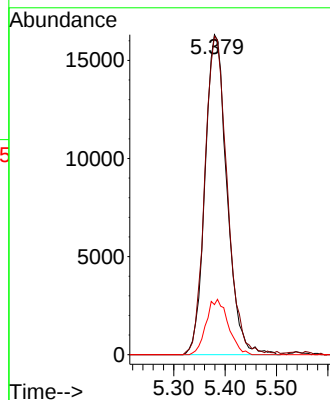
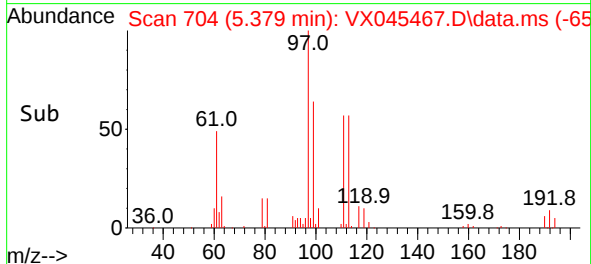
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MS



Tgt Ion:113 Resp: 48275
Ion Ratio Lower Upper
113 100
111 101.6 81.8 122.6
192 17.5 14.3 21.5

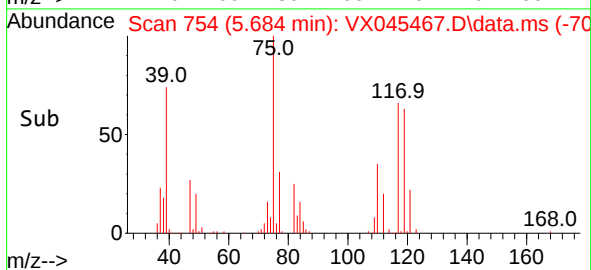
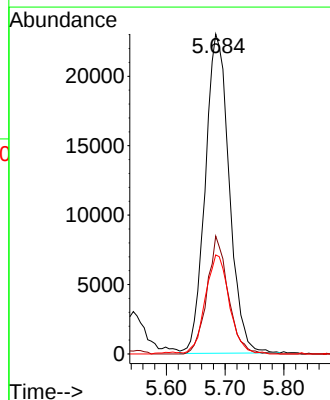
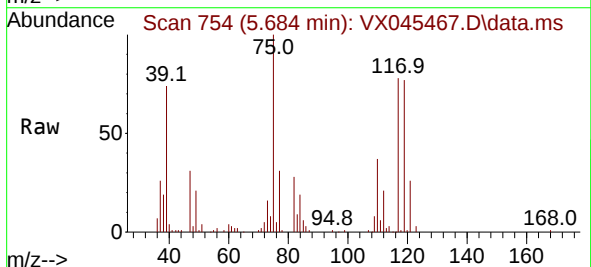
Manual Integrations
APPROVED

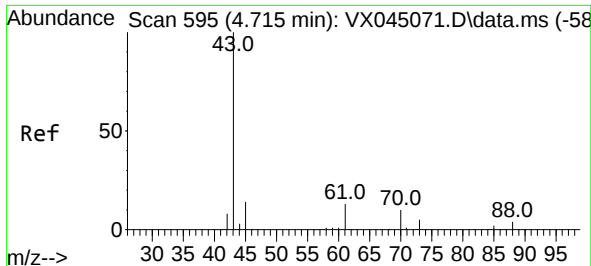
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#36
1,1-Dichloropropene
Concen: 48.495 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

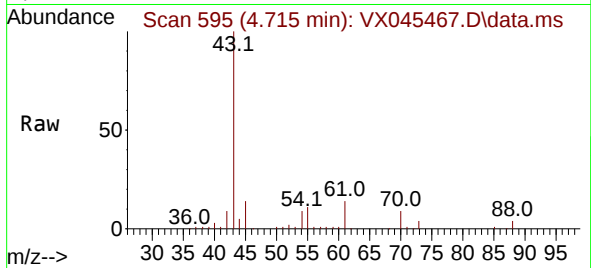
Tgt Ion: 75 Resp: 65083
Ion Ratio Lower Upper
75 100
110 32.9 16.9 50.6
77 31.0 24.5 36.7





#37
Ethyl Acetate
Concen: 50.852 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

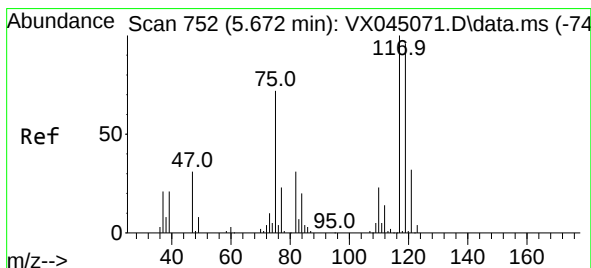
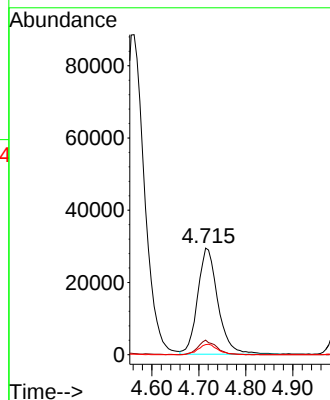
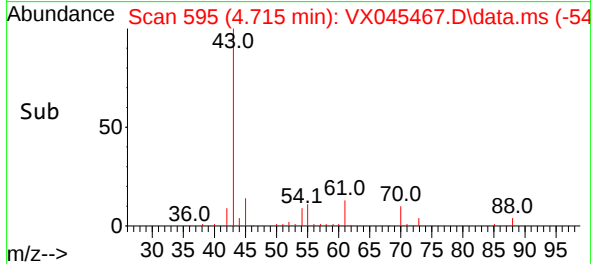
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MS



Tgt Ion: 43 Resp: 87939
Ion Ratio Lower Upper
43 100
61 12.4 10.8 16.2
70 9.5 7.7 11.5

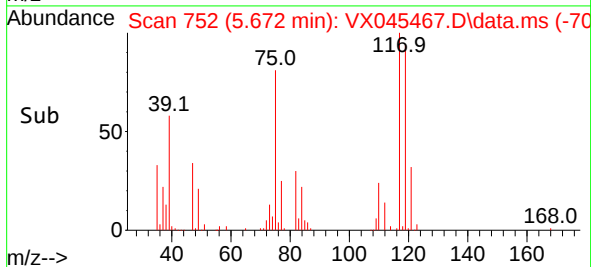
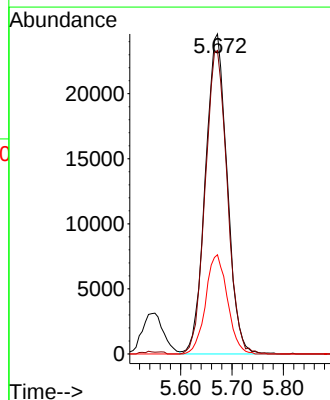
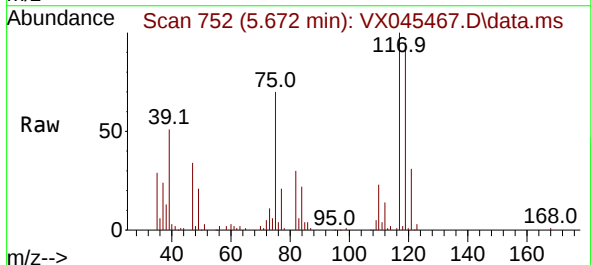
Manual Integrations
APPROVED

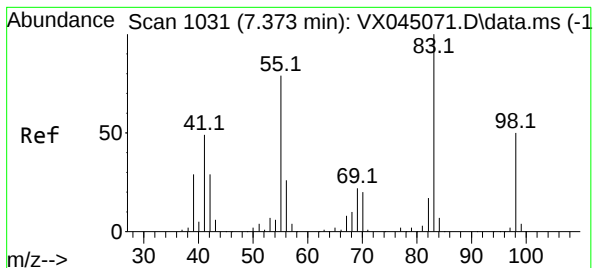
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#38
Carbon Tetrachloride
Concen: 53.077 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

Tgt Ion:117 Resp: 72318
Ion Ratio Lower Upper
117 100
119 94.8 76.7 115.1
121 31.0 25.5 38.3





#39

Methylcyclohexane

Concen: 48.920 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX045467.D

Acq: 26 Mar 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

TT188S1-20250320MS

Tgt Ion: 83 Resp: 7866

Ion Ratio Lower Upper

83 100

55 85.1 63.0 94.4

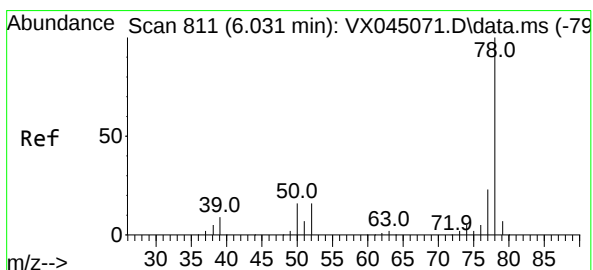
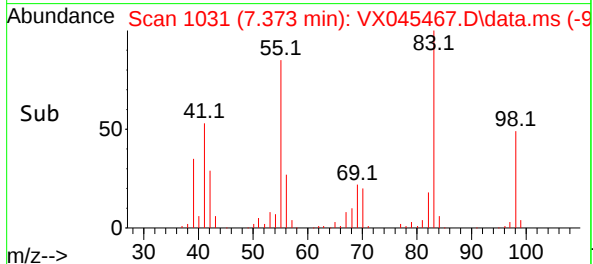
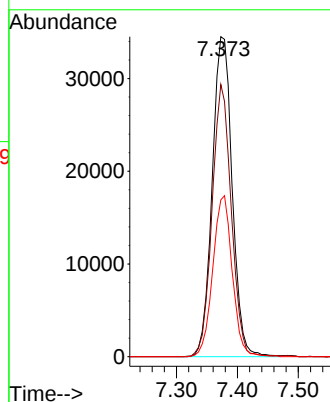
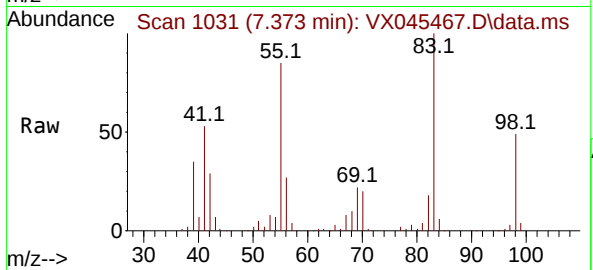
98 49.0 39.7 59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#40

Benzene

Concen: 49.669 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.000 min

Lab File: VX045467.D

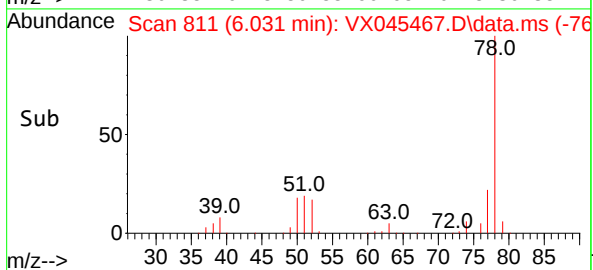
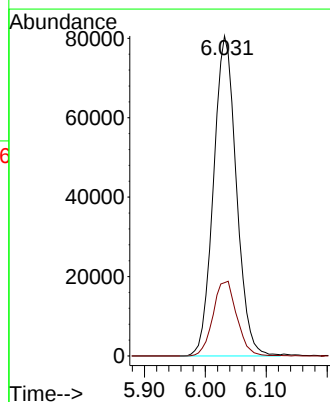
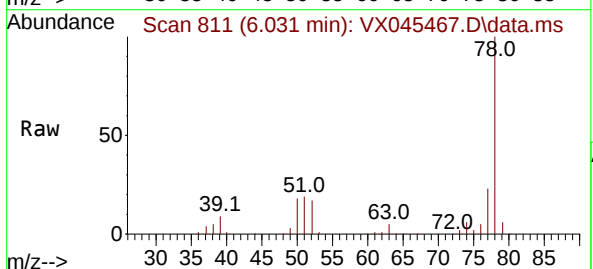
Acq: 26 Mar 2025 14:06

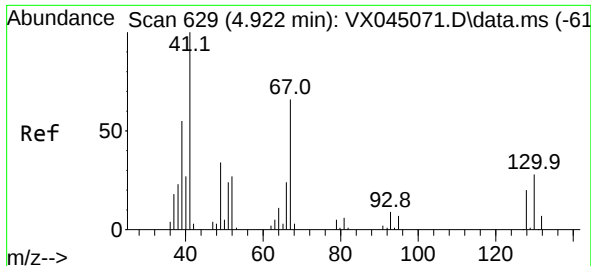
Tgt Ion: 78 Resp: 210492

Ion Ratio Lower Upper

78 100

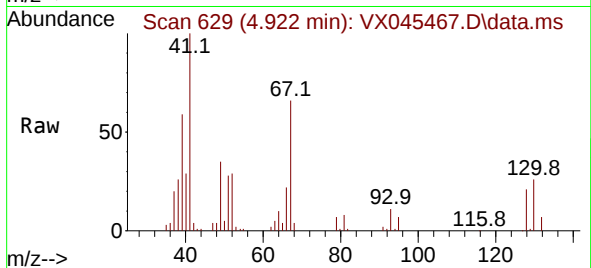
77 22.9 18.8 28.2





#41
Methacrylonitrile
Concen: 57.624 ug/l
RT: 4.922 min Scan# 612
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

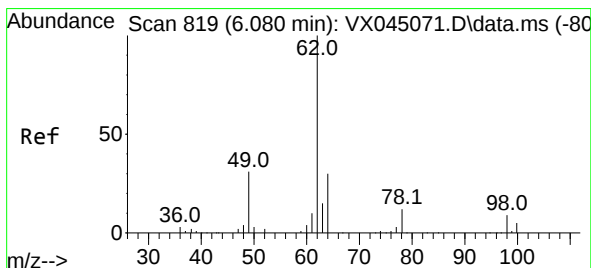
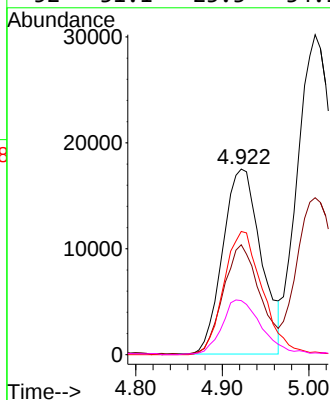
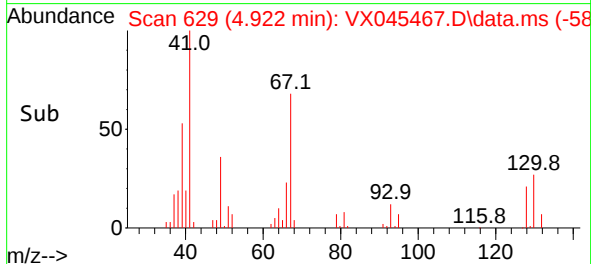
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MS



Tgt Ion: 41 Resp: 5388
Ion Ratio Lower Upper
41 100
39 56.5 44.6 67.0
67 67.6 53.9 80.9
52 31.1 23.3 34.9

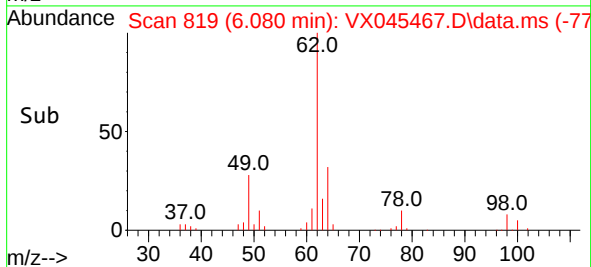
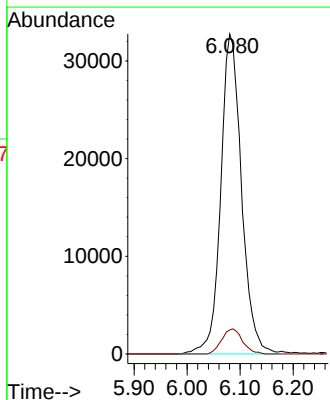
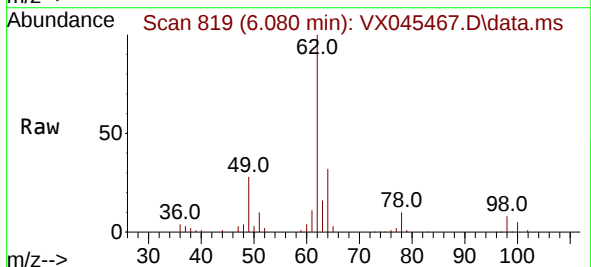
Manual Integrations
APPROVED

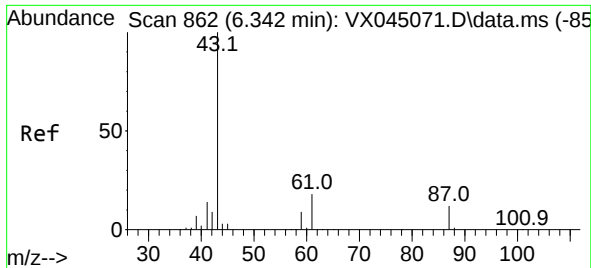
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#42
1,2-Dichloroethane
Concen: 58.409 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

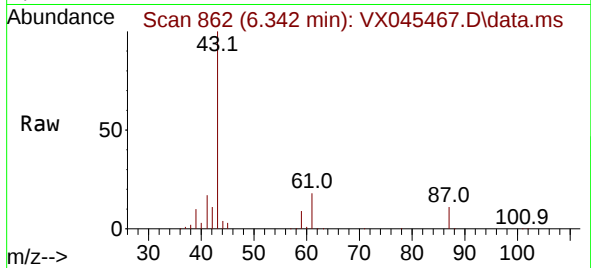
Tgt Ion: 62 Resp: 89136
Ion Ratio Lower Upper
62 100
98 7.8 0.0 18.2





#43
Isopropyl Acetate
Concen: 54.473 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

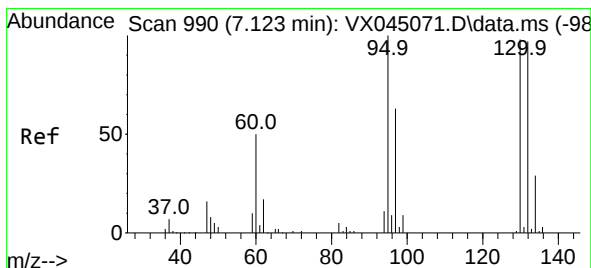
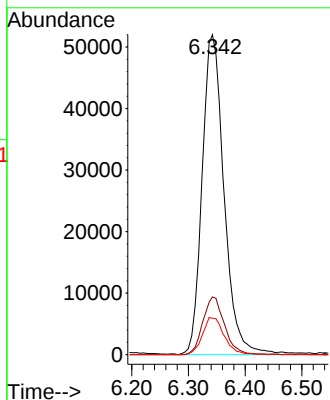
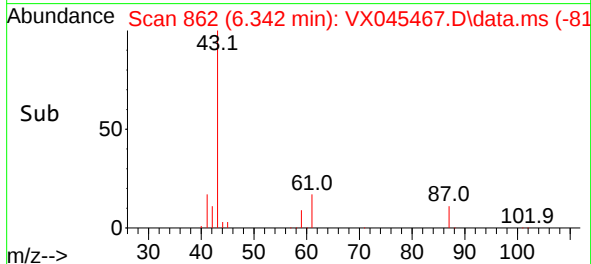
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MS



Tgt Ion: 43 Resp: 139297
Ion Ratio Lower Upper
43 100
61 17.9 14.9 22.3
87 11.6 9.4 14.2

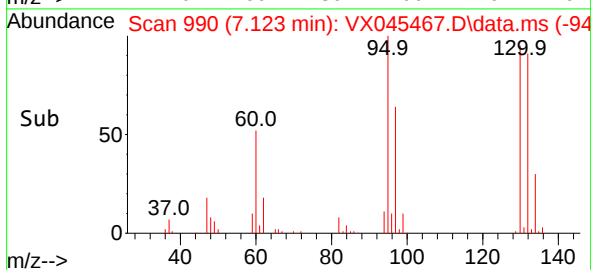
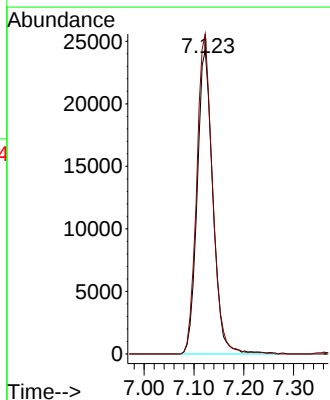
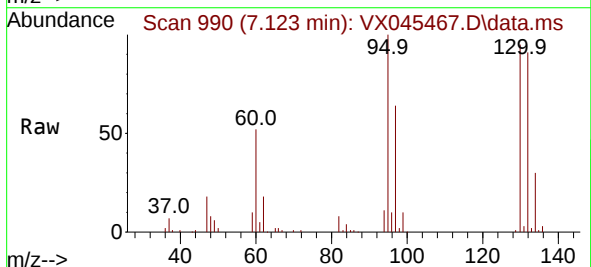
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#44
Trichloroethene
Concen: 53.470 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

Tgt Ion:130 Resp: 53208
Ion Ratio Lower Upper
130 100
95 105.5 0.0 205.0





#45

1,2-Dichloropropane

Concen: 51.364 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX045467.D

Acq: 26 Mar 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

TT188S1-20250320MS

Tgt Ion: 63 Resp: 5596

Ion Ratio Lower Upper

63 100

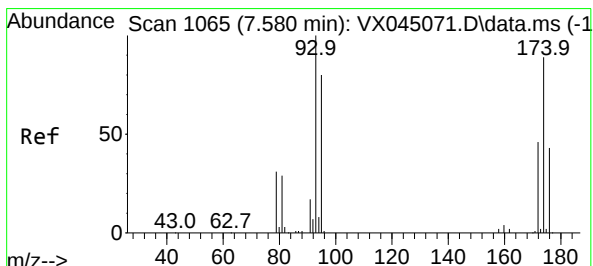
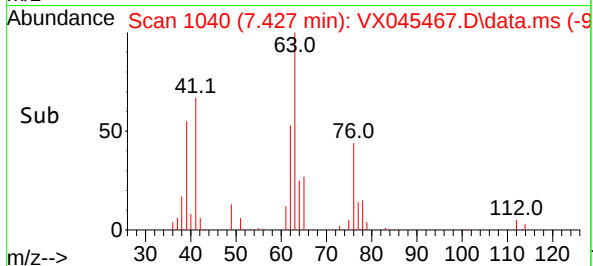
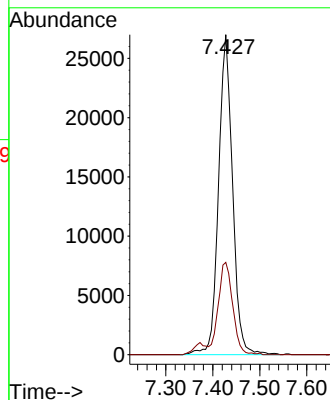
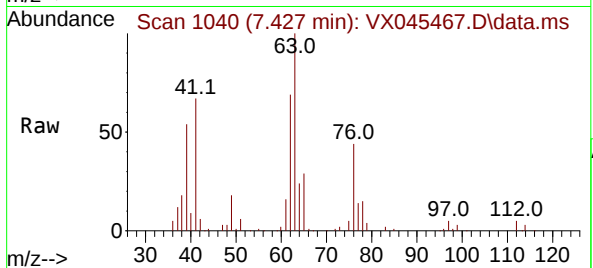
65 28.9 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#46

Dibromomethane

Concen: 55.348 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX045467.D

Acq: 26 Mar 2025 14:06

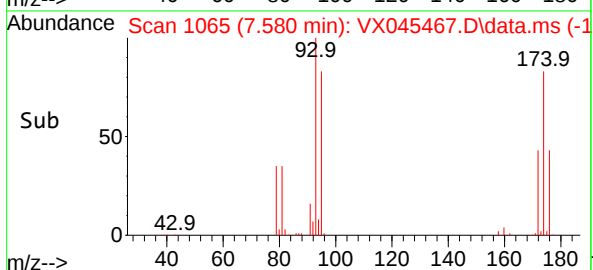
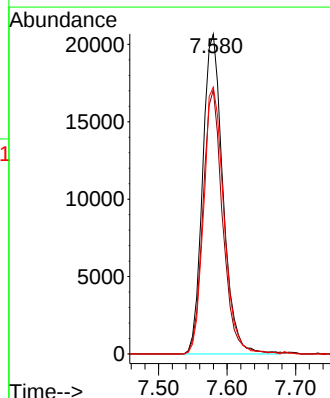
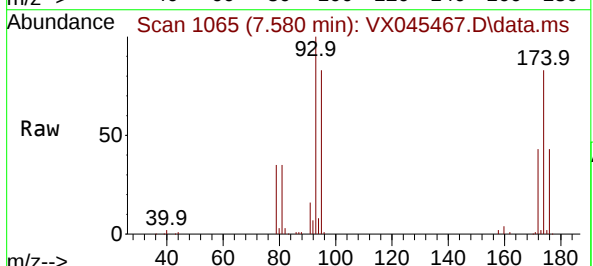
Tgt Ion: 93 Resp: 42626

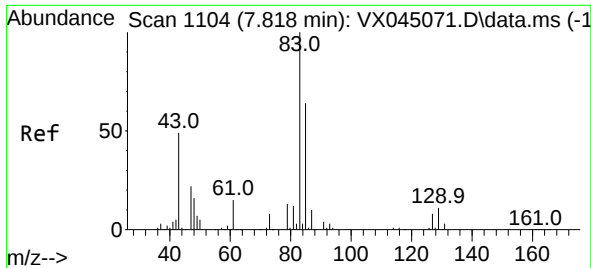
Ion Ratio Lower Upper

93 100

95 80.2 65.8 98.8

174 83.2 72.2 108.2





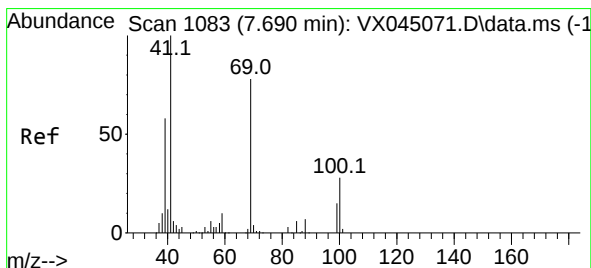
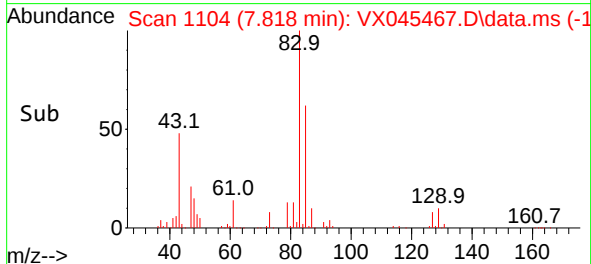
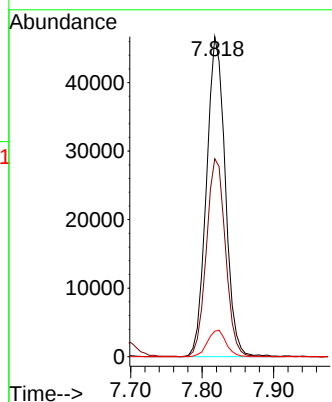
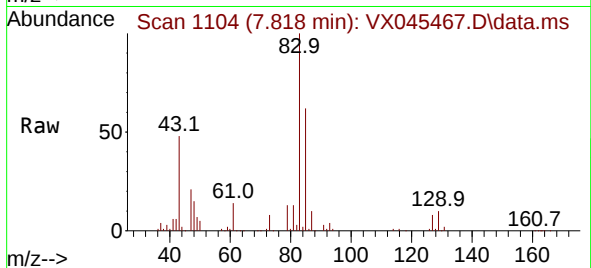
#47
Bromodichloromethane
Concen: 56.299 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MS

Tgt Ion: 83 Resp: 8504
Ion Ratio Lower Upper
83 100
85 61.8 51.1 76.7
127 8.0 6.4 9.6

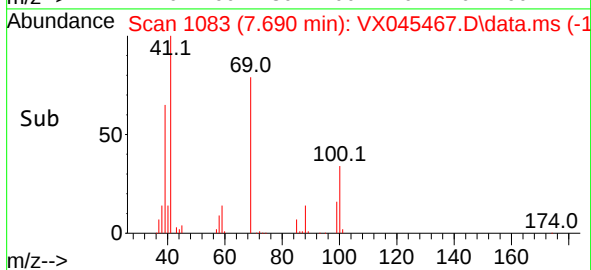
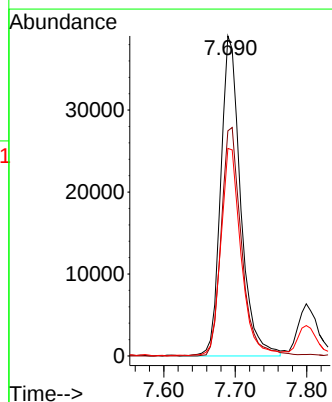
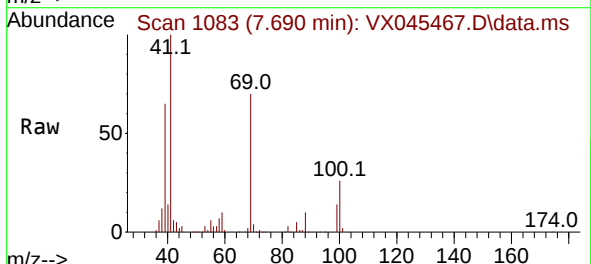
Manual Integrations
APPROVED

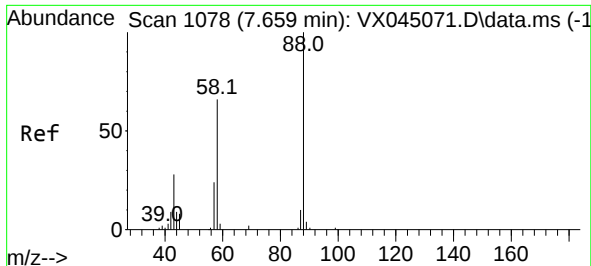
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#48
Methyl methacrylate
Concen: 58.917 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

Tgt Ion: 41 Resp: 75585
Ion Ratio Lower Upper
41 100
69 72.6 63.0 94.6
39 65.4 47.5 71.3





#49

1,4-Dioxane

Concen: 1154.916 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX045467.D

Acq: 26 Mar 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

TT188S1-20250320MS

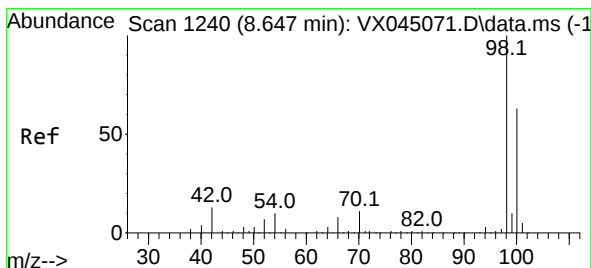
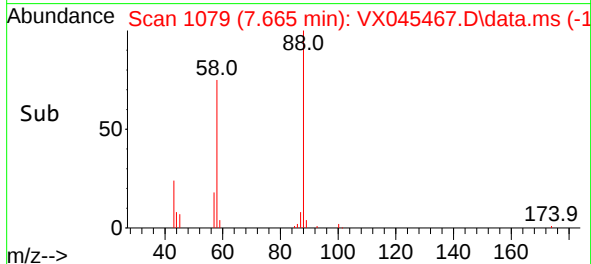
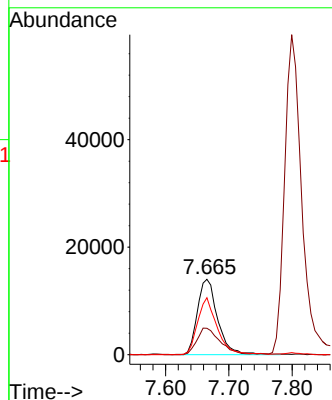
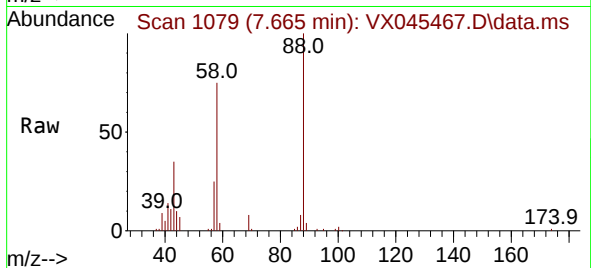
Tgt Ion:	88	Resp:	31254
Ion	Ratio	Lower	Upper
88	100		
43	40.4	28.7	43.1
58	72.7	55.8	83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#50

Toluene-d8

Concen: 46.477 ug/l

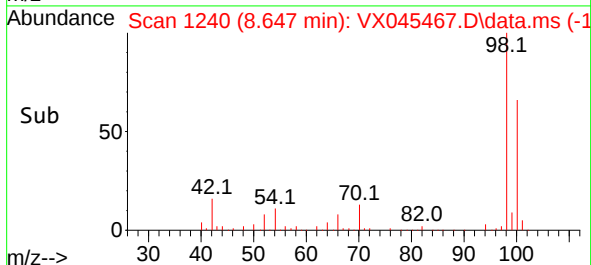
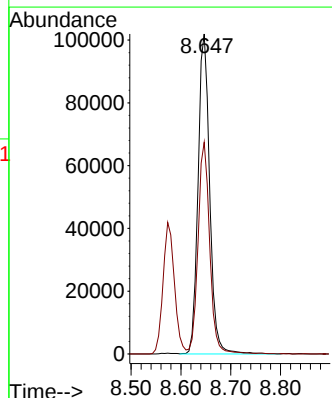
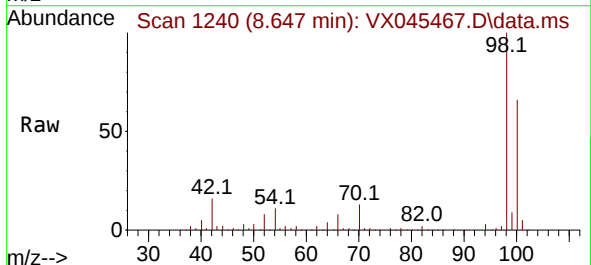
RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045467.D

Acq: 26 Mar 2025 14:06

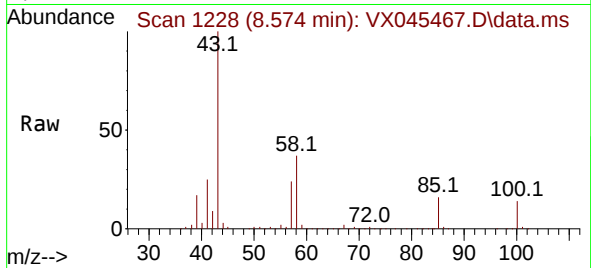
Tgt Ion:	98	Resp:	164889
Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 288.370 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

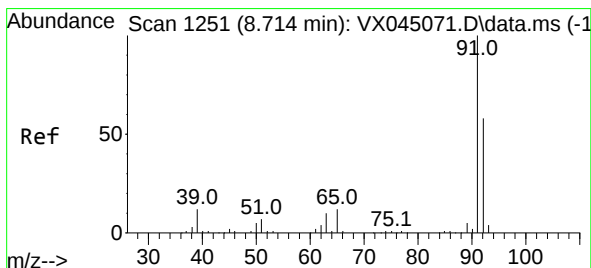
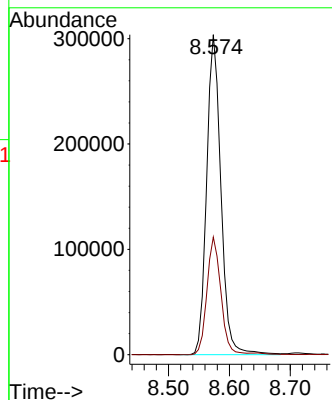
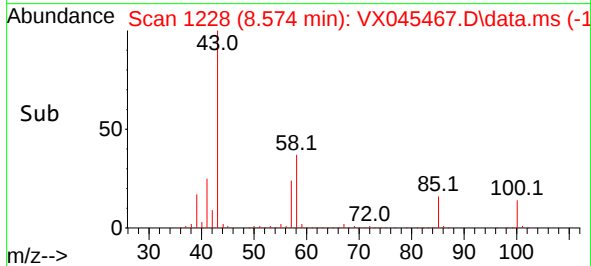
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MS



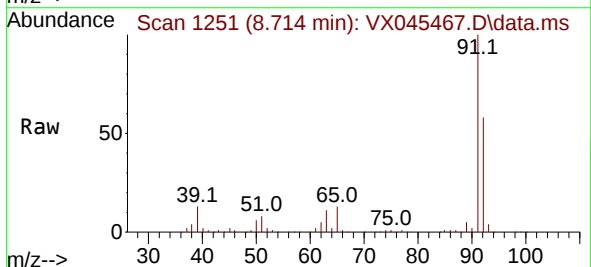
Tgt Ion: 43 Resp: 495132
Ion Ratio Lower Upper
43 100
58 35.7 29.2 43.8

Manual Integrations
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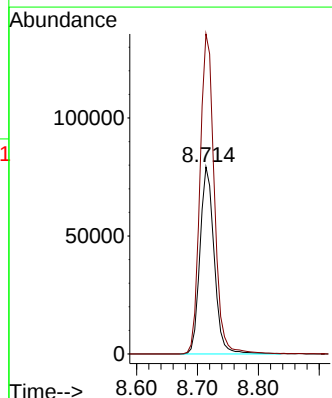
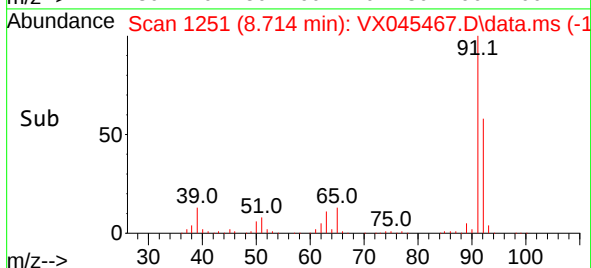
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#52
Toluene
Concen: 51.594 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06



Tgt Ion: 92 Resp: 128286
Ion Ratio Lower Upper
92 100
91 173.0 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 56.484 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045467.D

Acq: 26 Mar 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

TT188S1-20250320MS

Tgt Ion: 75 Resp: 7133

Ion Ratio Lower Upper

75 100

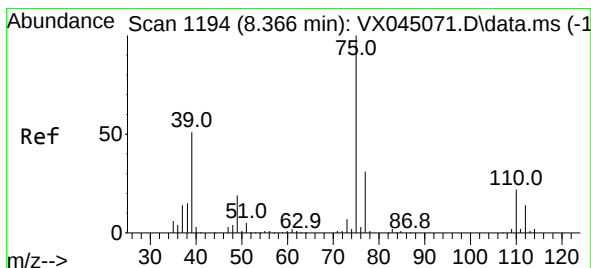
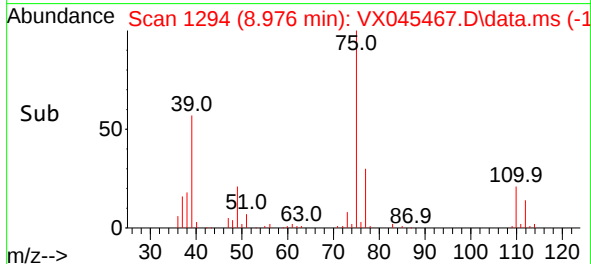
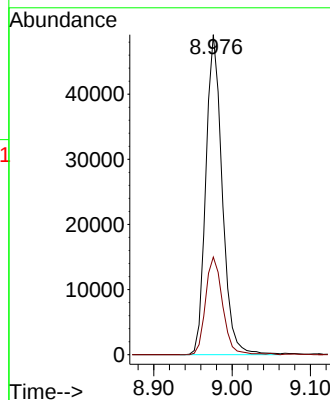
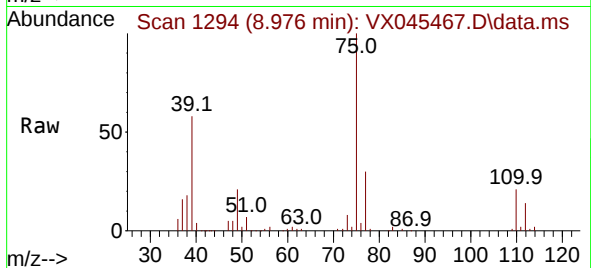
77 30.5 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#54

cis-1,3-Dichloropropene

Concen: 55.168 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045467.D

Acq: 26 Mar 2025 14:06

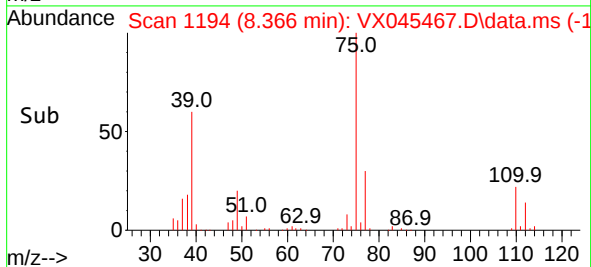
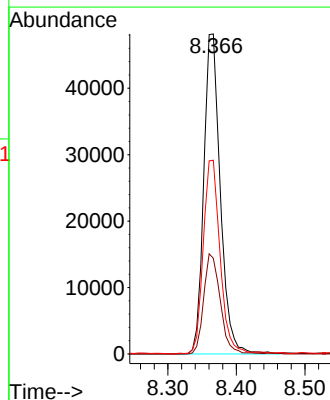
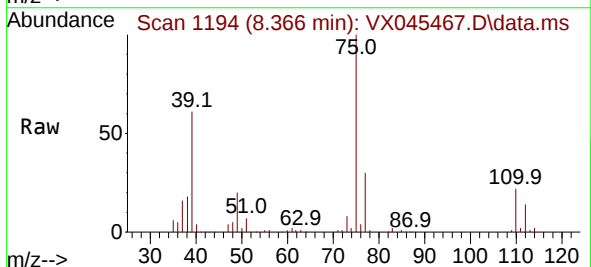
Tgt Ion: 75 Resp: 81244

Ion Ratio Lower Upper

75 100

77 29.9 24.7 37.1

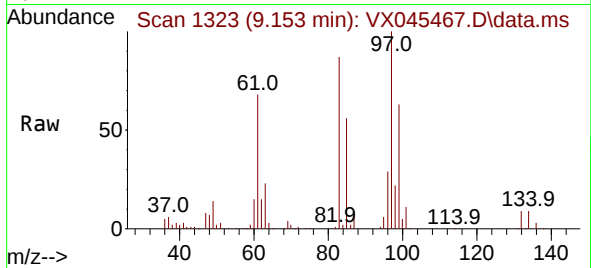
39 60.3 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 53.517 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

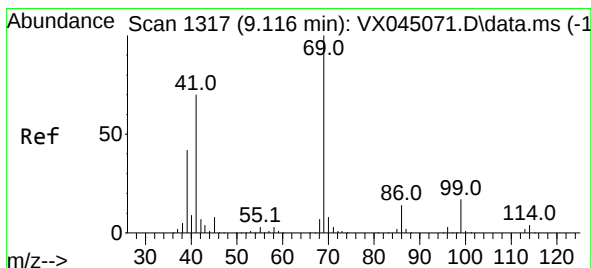
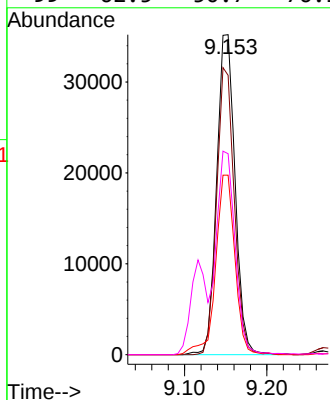
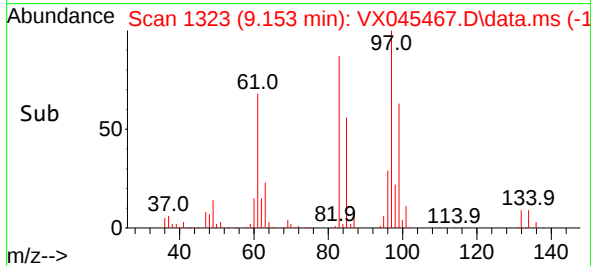
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MS



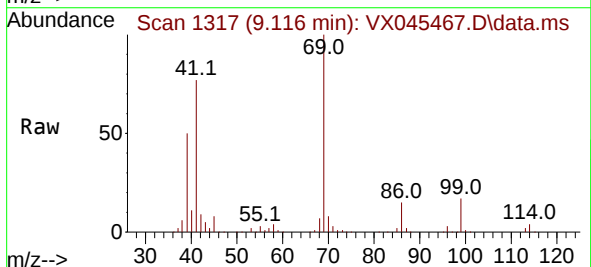
Tgt Ion: 97 Resp: 5478
Ion Ratio Lower Upper
97 100
83 87.3 69.4 104.2
85 56.1 44.1 66.1
99 62.5 50.7 76.1

Manual Integrations
APPROVED

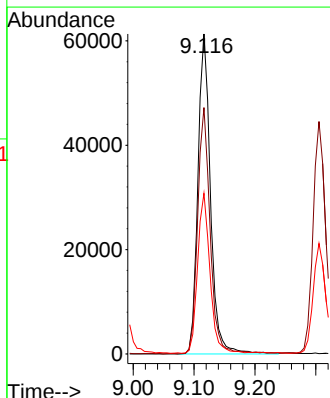
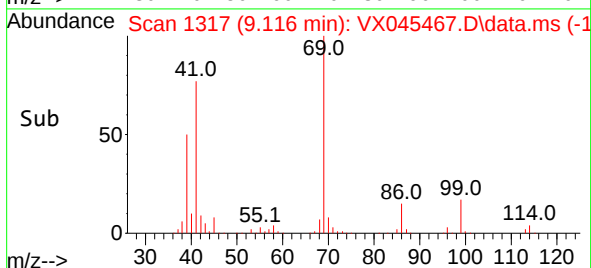
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

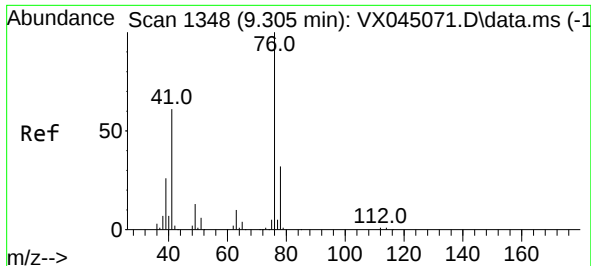


#56
Ethyl methacrylate
Concen: 56.598 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06



Tgt Ion: 69 Resp: 88064
Ion Ratio Lower Upper
69 100
41 77.1 57.0 85.4
39 49.2 34.2 51.4





#57

1,3-Dichloropropane

Concen: 53.232 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045467.D

Acq: 26 Mar 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

TT188S1-20250320MS

Tgt Ion: 76 Resp: 9429

Ion Ratio Lower Upper

76 100

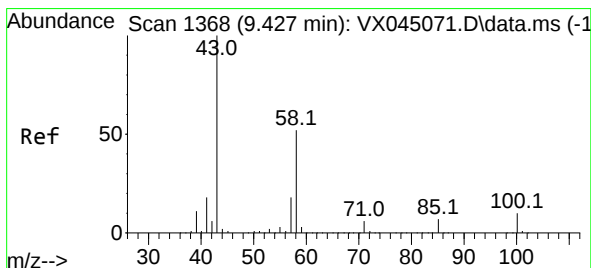
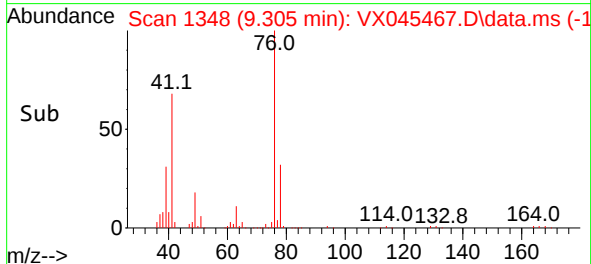
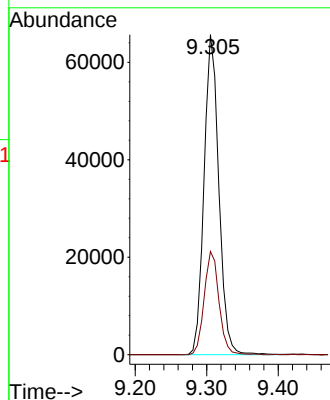
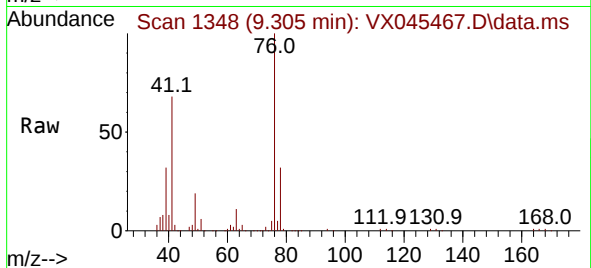
78 32.3 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#59

2-Hexanone

Concen: 296.710 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX045467.D

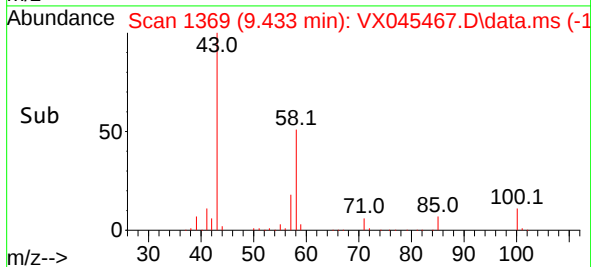
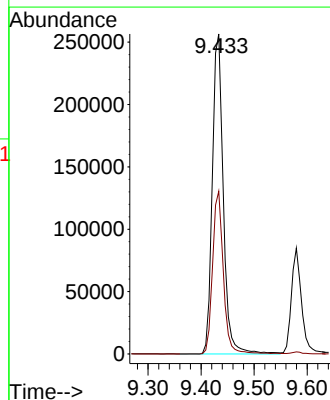
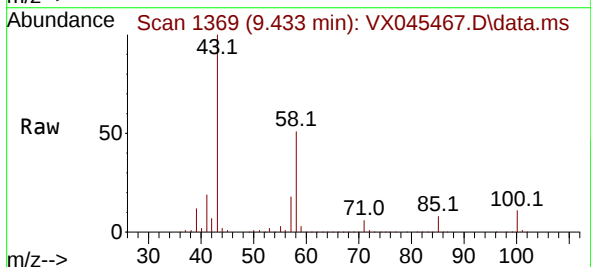
Acq: 26 Mar 2025 14:06

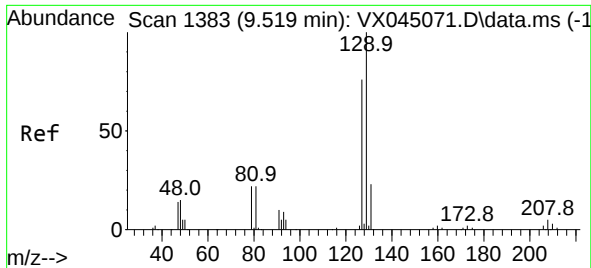
Tgt Ion: 43 Resp: 369120

Ion Ratio Lower Upper

43 100

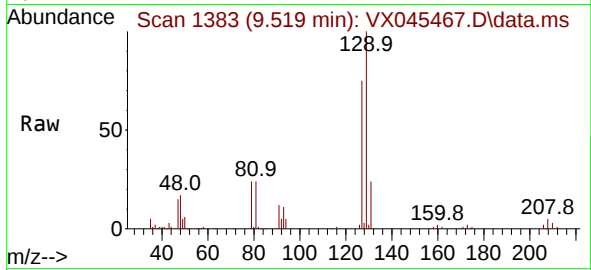
58 50.0 25.9 77.6





#60
Dibromochloromethane
Concen: 56.210 ug/l
RT: 9.519 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

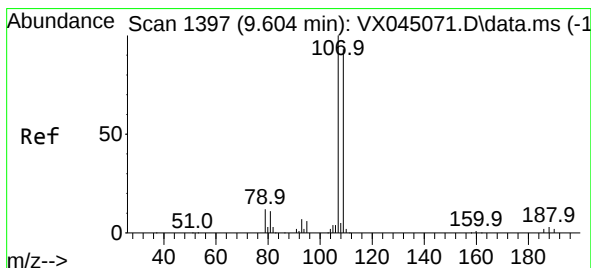
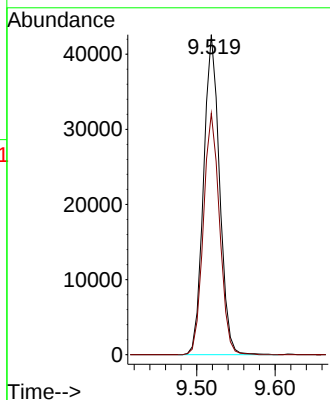
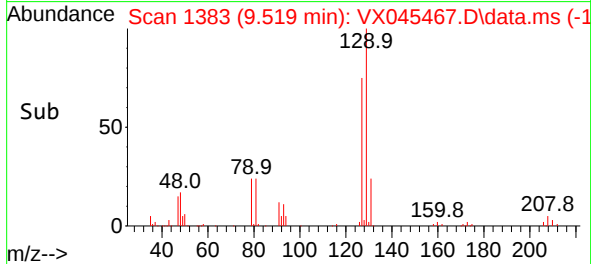
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MS



Tgt Ion:129 Resp: 6016
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.5

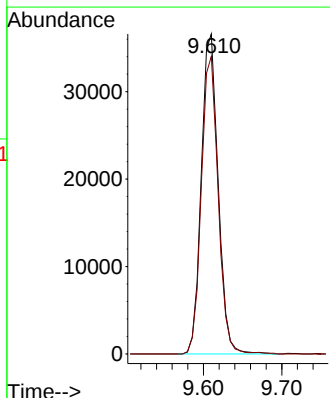
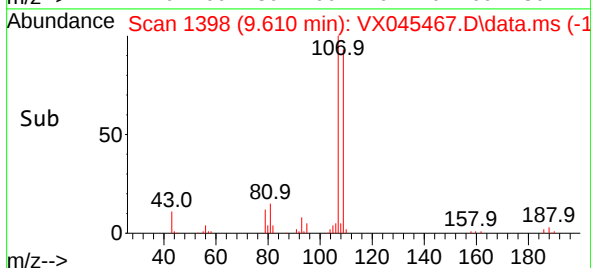
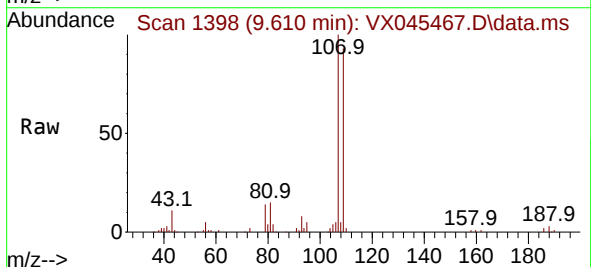
Manual Integrations
APPROVED

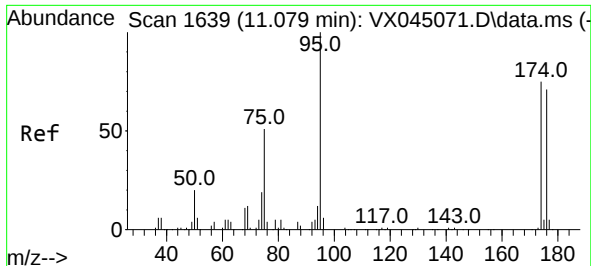
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#61
1,2-Dibromoethane
Concen: 53.511 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

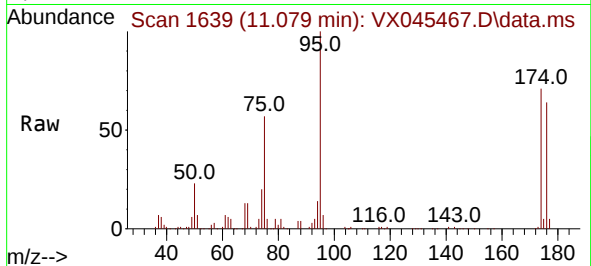
Tgt Ion:107 Resp: 54681
Ion Ratio Lower Upper
107 100
109 92.8 76.1 114.1





#62
4-Bromofluorobenzene
Concen: 51.123 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

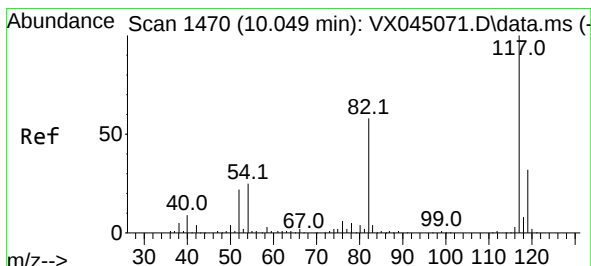
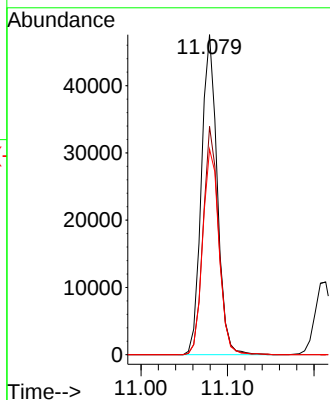
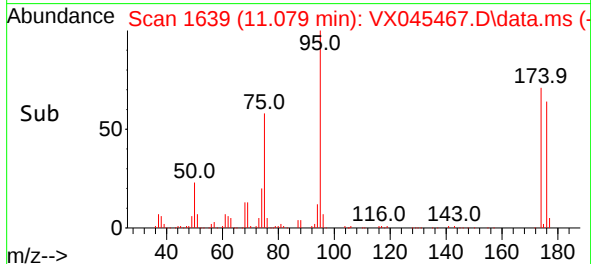
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MS



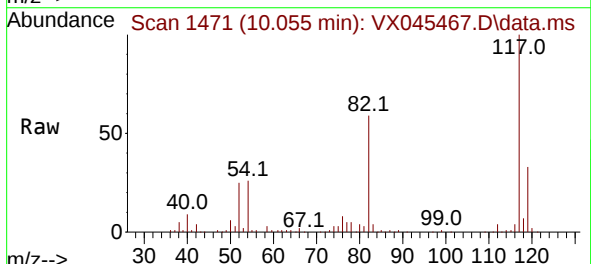
Tgt Ion: 95 Resp: 6010
Ion Ratio Lower Upper
95 100
174 70.1 0.0 148.2
176 66.6 0.0 141.4

Manual Integrations
APPROVED

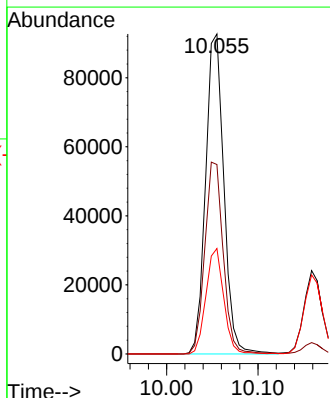
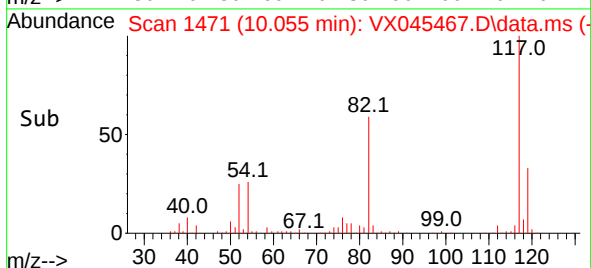
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

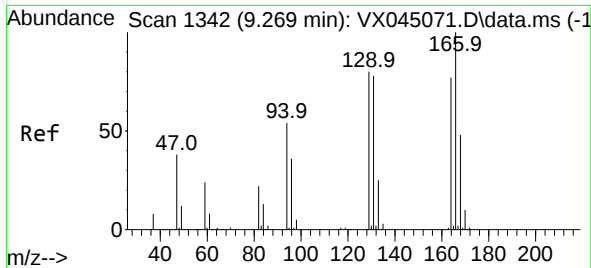


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06



Tgt Ion:117 Resp: 128351
Ion Ratio Lower Upper
117 100
82 59.2 46.3 69.5
119 33.0 25.7 38.5





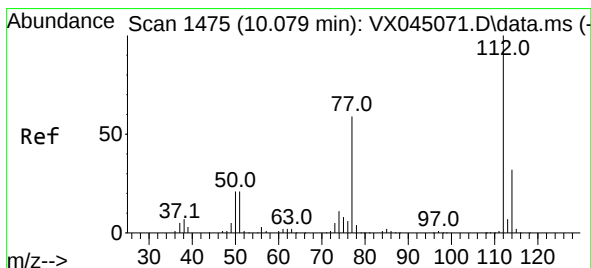
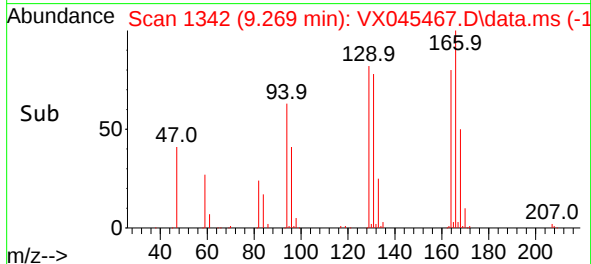
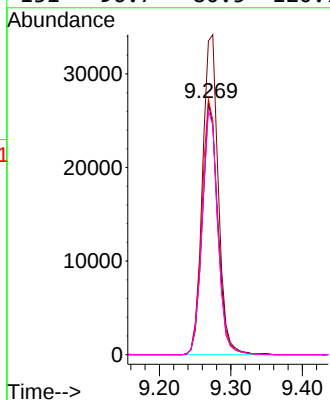
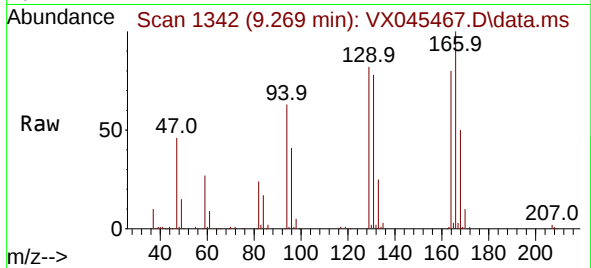
#64
Tetrachloroethene
Concen: 49.320 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

Instrument : MSVOA_X
ClientSampleId : TT188S1-20250320MS

Tgt Ion:164 Resp: 4054
Ion Ratio Lower Upper
164 100
166 124.5 103.6 155.4
129 101.5 82.7 124.1
131 96.7 80.5 120.7

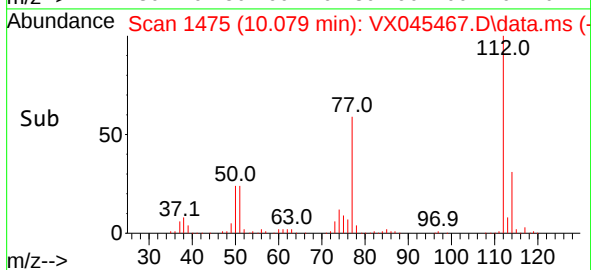
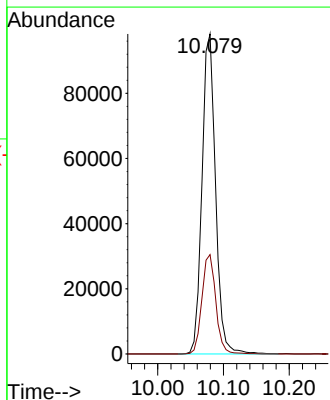
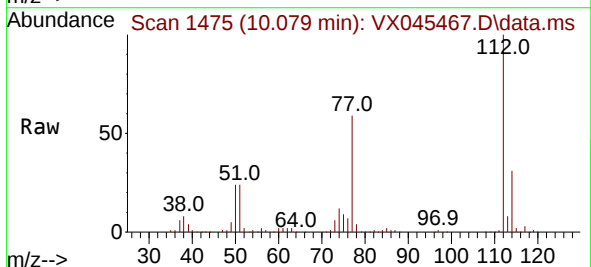
Manual Integrations
APPROVED

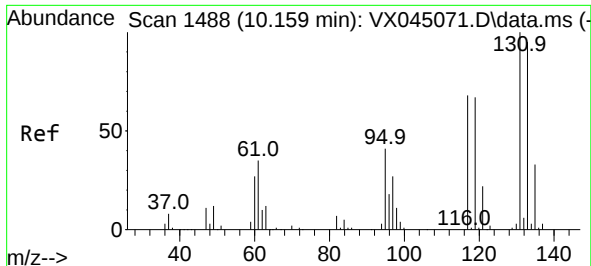
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#65
Chlorobenzene
Concen: 51.830 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

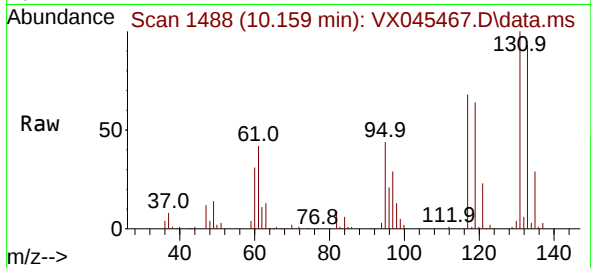
Tgt Ion:112 Resp: 140765
Ion Ratio Lower Upper
112 100
114 31.1 26.0 39.0





#66
1,1,1,2-Tetrachloroethane
Concen: 53.892 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

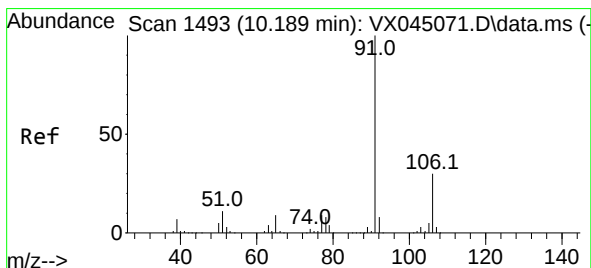
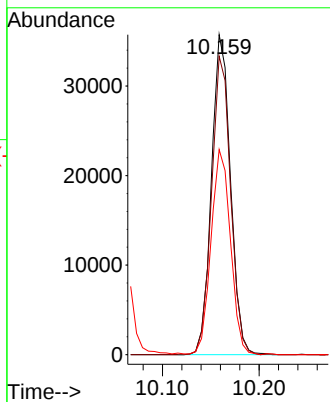
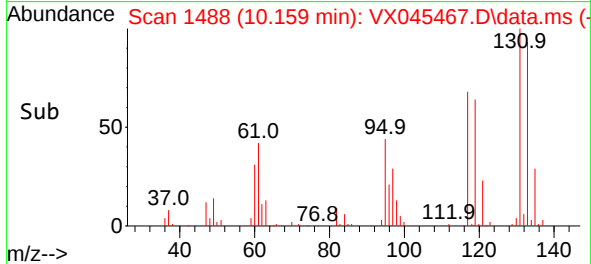
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MS



Tgt Ion:131 Resp: 4874
Ion Ratio Lower Upper
131 100
133 93.7 48.6 145.9
119 65.5 33.9 101.7

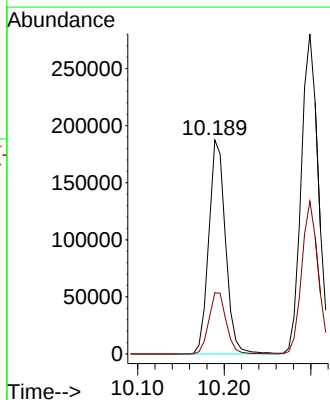
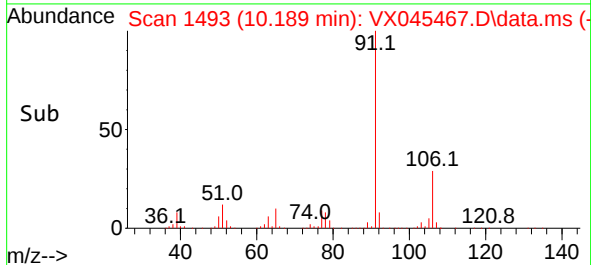
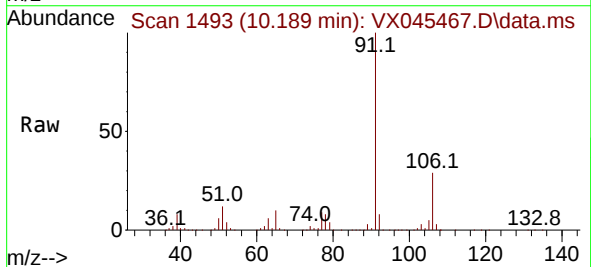
Manual Integrations
APPROVED

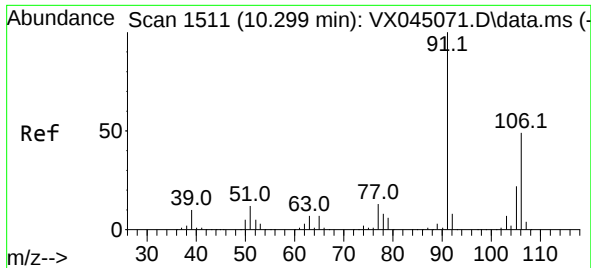
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#67
Ethyl Benzene
Concen: 53.212 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

Tgt Ion: 91 Resp: 251811
Ion Ratio Lower Upper
91 100
106 28.6 23.9 35.9





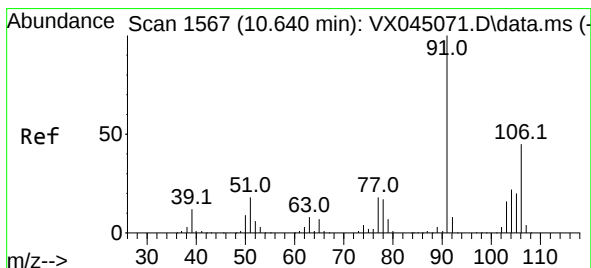
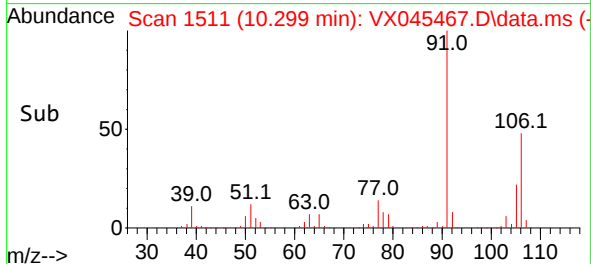
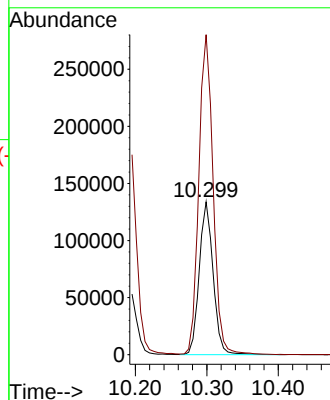
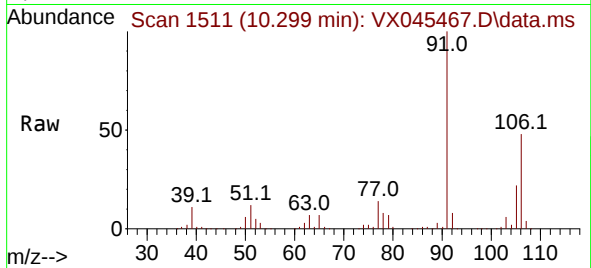
#68
m/p-Xylenes
Concen: 103.899 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MS

Tgt Ion:106 Resp: 17999
Ion Ratio Lower Upper
106 100
91 215.8 165.4 248.0

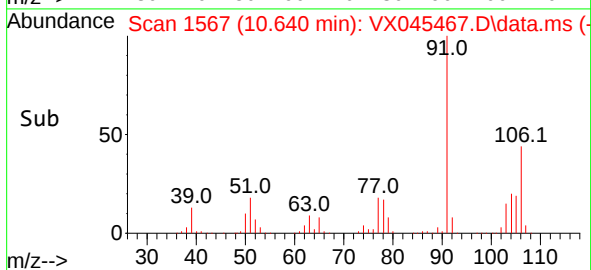
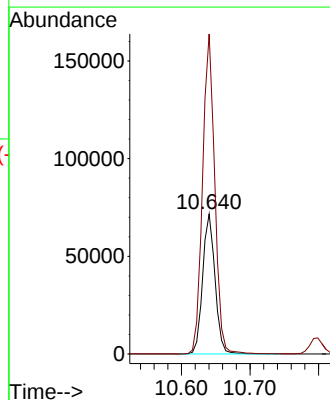
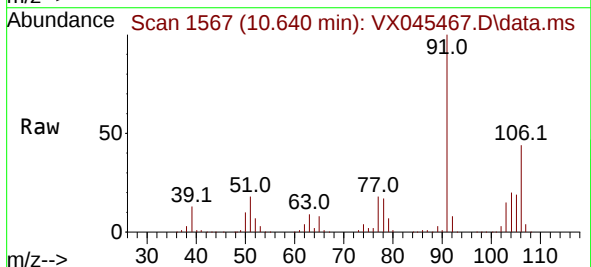
Manual Integrations
APPROVED

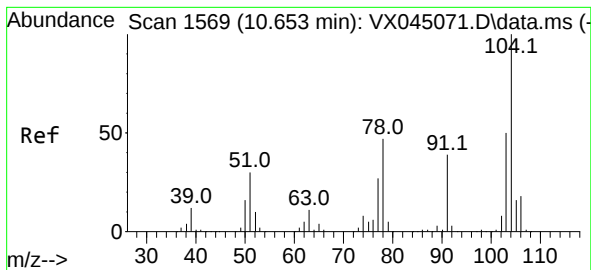
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#69
o-Xylene
Concen: 51.655 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

Tgt Ion:106 Resp: 90251
Ion Ratio Lower Upper
106 100
91 225.4 109.9 329.6





#70

Styrene

Concen: 54.010 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX045467.D

Acq: 26 Mar 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

TT188S1-20250320MS

Tgt Ion:104 Resp: 152690

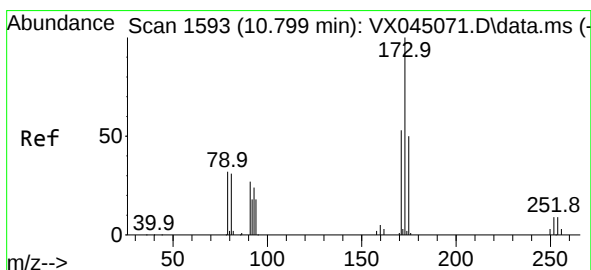
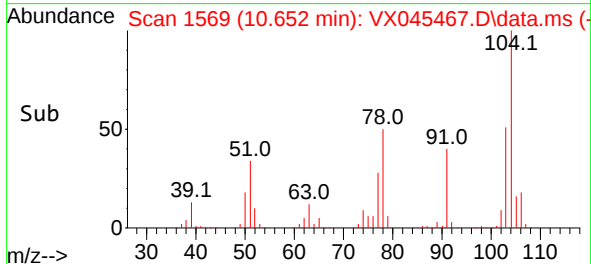
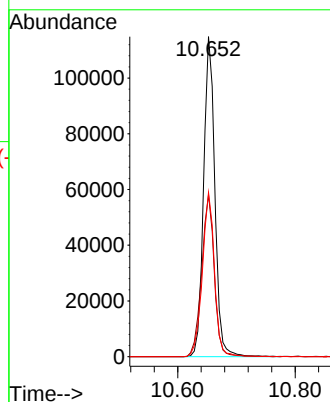
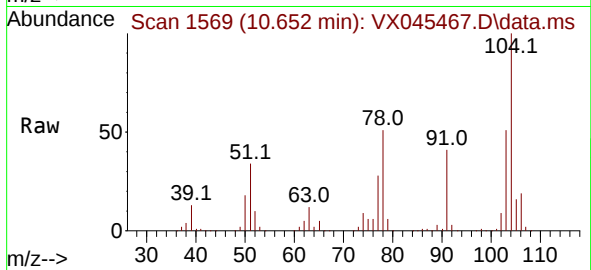
Ion	Ratio	Lower	Upper
104	100		
78	56.5	42.2	63.4
103	55.2	43.8	65.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#71

Bromoform

Concen: 54.901 ug/l

RT: 10.799 min Scan# 1593

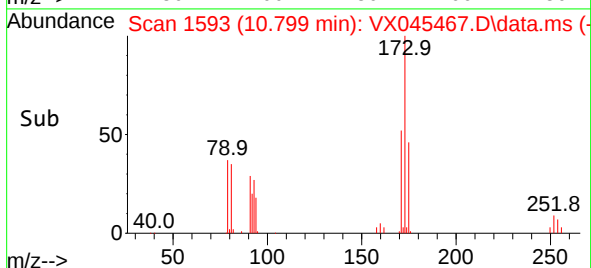
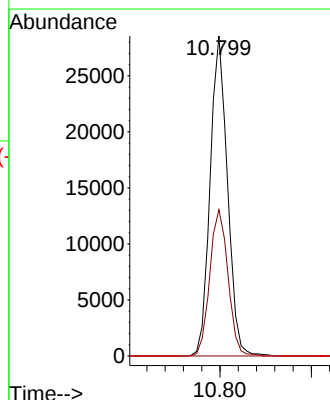
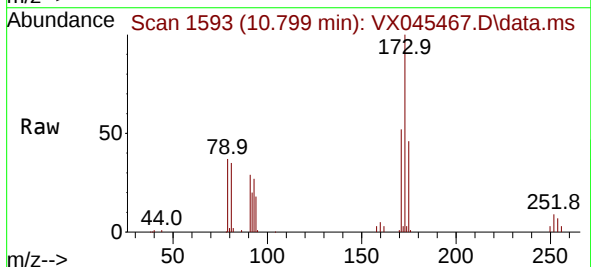
Delta R.T. -0.000 min

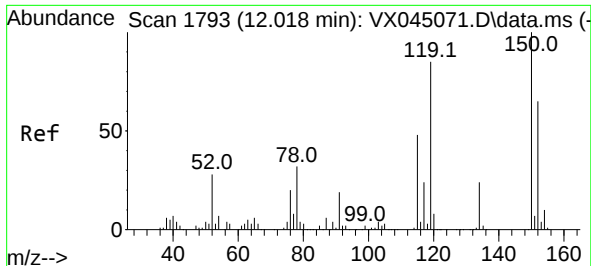
Lab File: VX045467.D

Acq: 26 Mar 2025 14:06

Tgt Ion:173 Resp: 37444

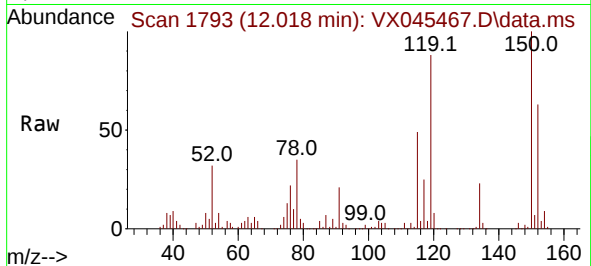
Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.6	73.6
254	0.0	0.0	0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

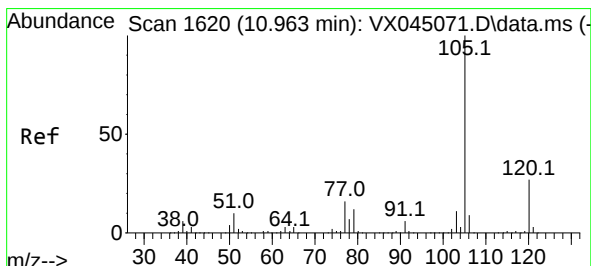
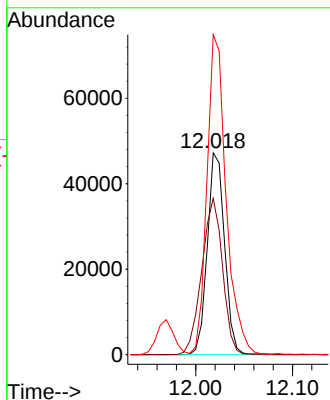
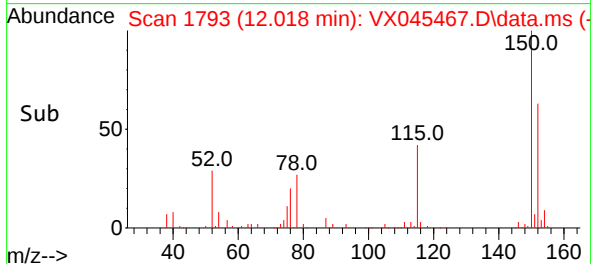
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MS



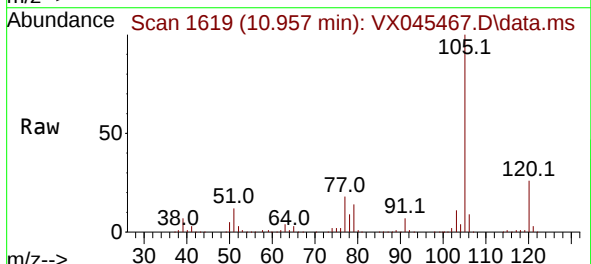
Tgt Ion:152 Resp: 58769
Ion Ratio Lower Upper
152 100
115 93.0 44.2 132.6
150 175.0 0.0 349.0

Manual Integrations
APPROVED

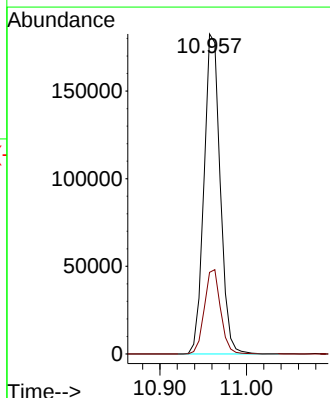
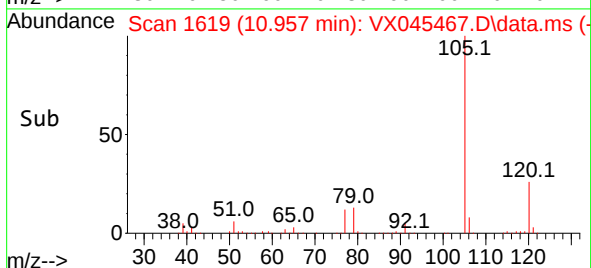
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

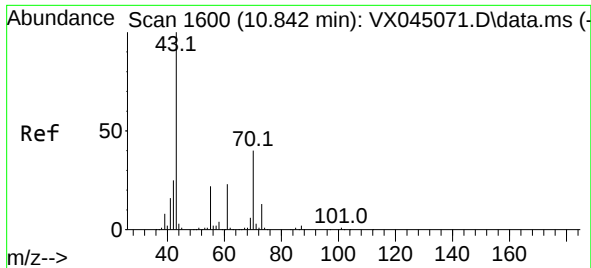


#73
Isopropylbenzene
Concen: 51.783 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06



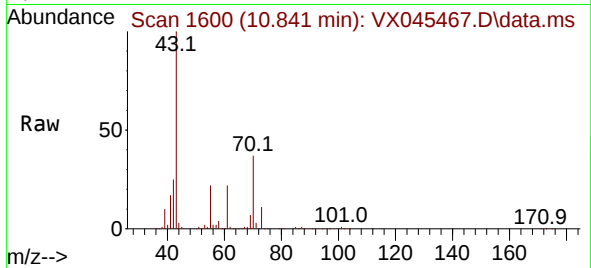
Tgt Ion:105 Resp: 237533
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5





#74
N-amy1 acetate
Concen: 53.205 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

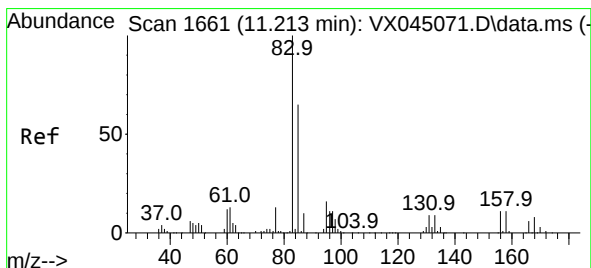
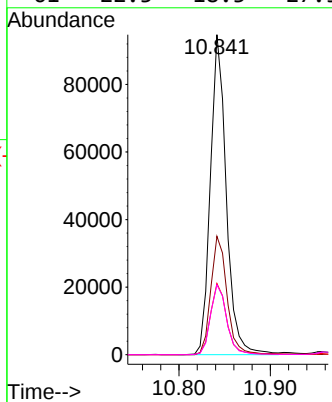
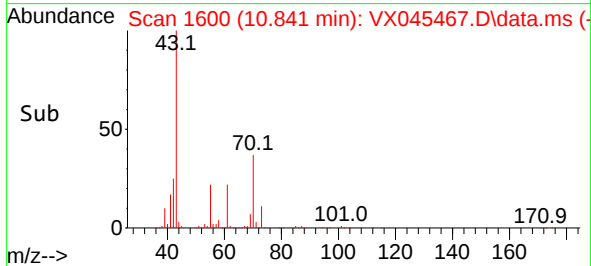
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MS



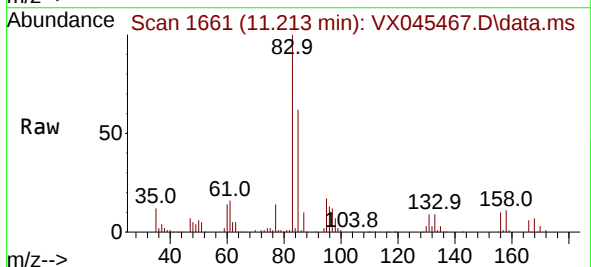
Tgt Ion: 43 Resp: 114520
Ion Ratio Lower Upper
43 100
70 38.0 31.8 47.6
55 22.9 18.3 27.5
61 22.3 18.3 27.5

Manual Integrations
APPROVED

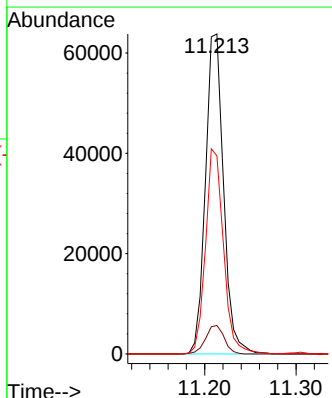
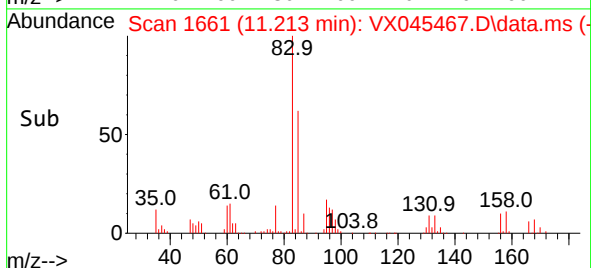
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

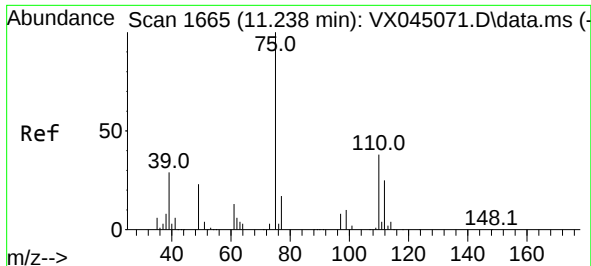


#75
1,1,2,2-Tetrachloroethane
Concen: 51.994 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06



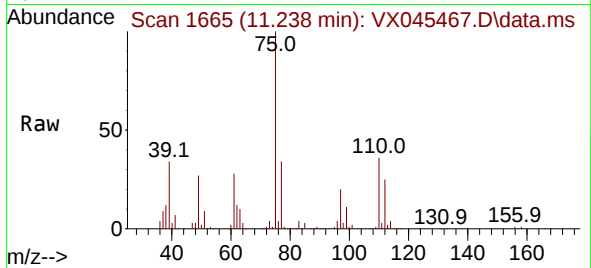
Tgt Ion: 83 Resp: 87521
Ion Ratio Lower Upper
83 100
131 9.2 4.5 13.4
85 63.7 31.7 95.1





#76
1,2,3-Trichloropropane
Concen: 52.648 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

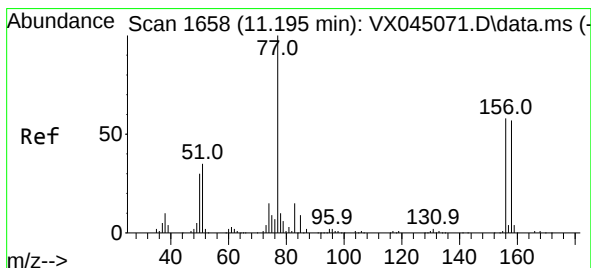
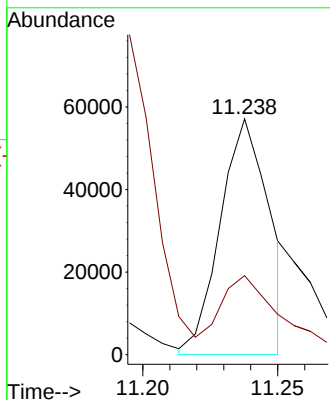
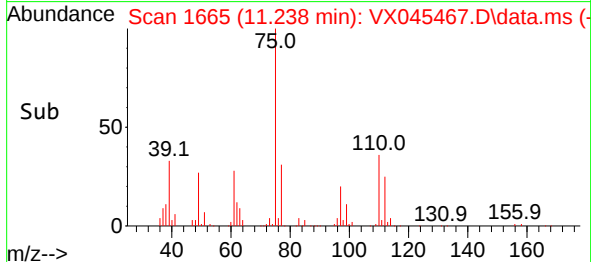
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MS



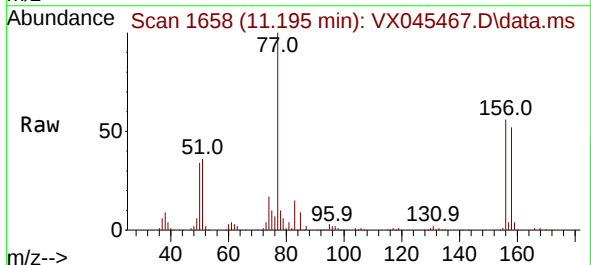
Tgt Ion: 75 Resp: 72015
Ion Ratio Lower Upper
75 100
77 42.6 20.7 62.1

Manual Integrations
APPROVED

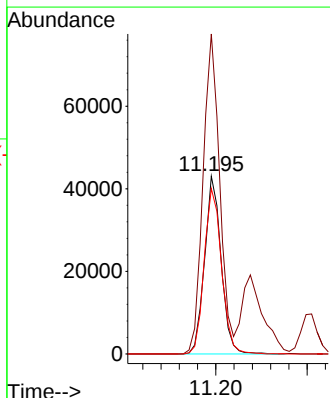
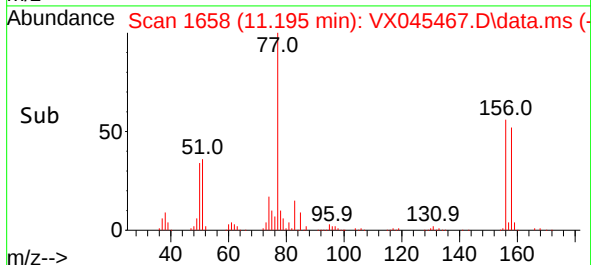
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

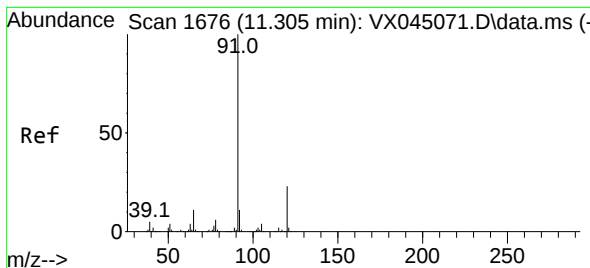


#77
Bromobenzene
Concen: 49.767 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06



Tgt Ion:156 Resp: 53862
Ion Ratio Lower Upper
156 100
77 181.9 85.8 257.4
158 97.7 48.4 145.2





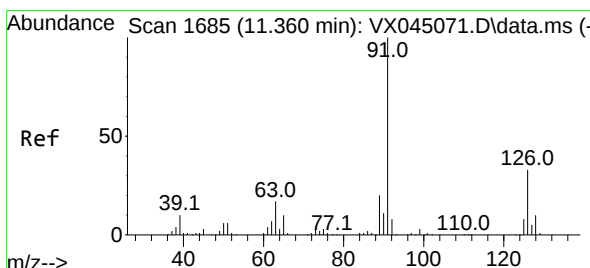
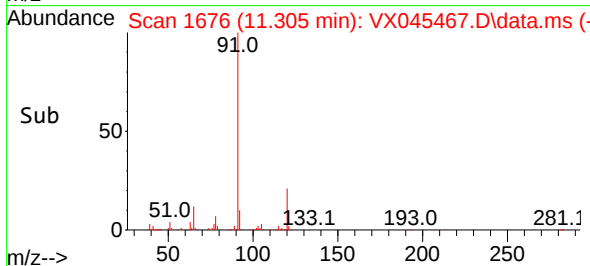
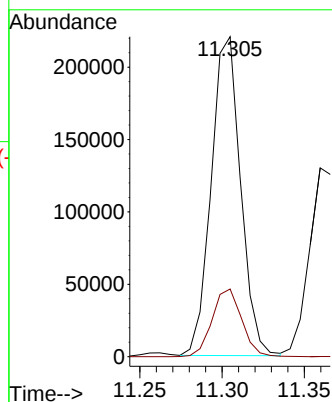
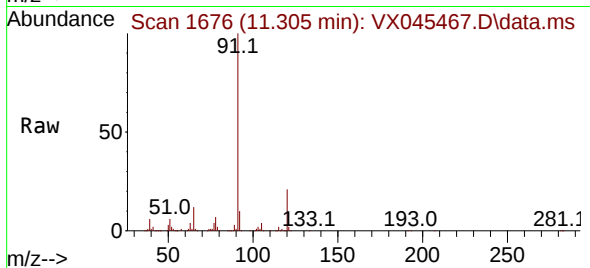
#78
n-propylbenzene
Concen: 52.890 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MS

Tgt Ion: 91 Resp: 274062
Ion Ratio Lower Upper
91 100
120 21.4 11.2 33.6

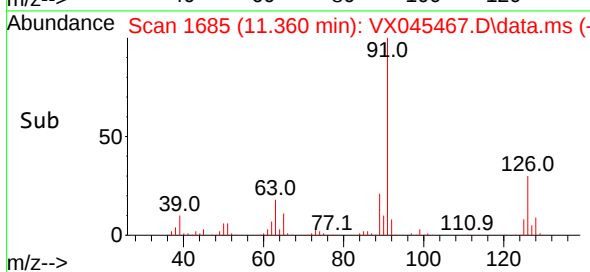
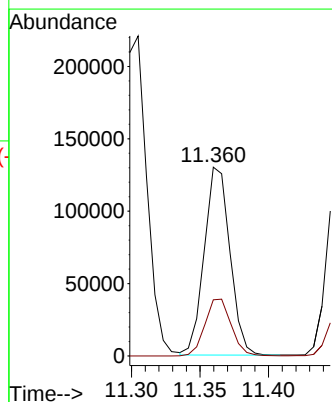
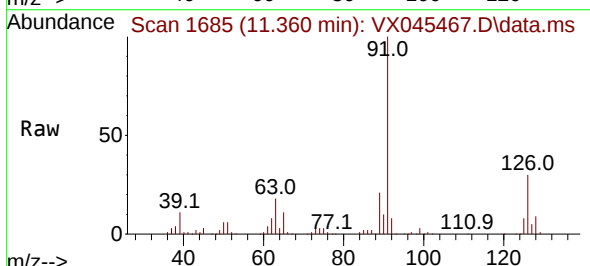
Manual Integrations
APPROVED

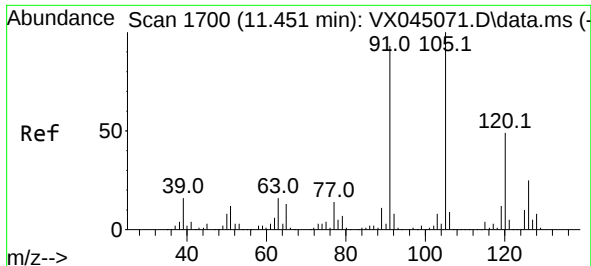
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#79
2-Chlorotoluene
Concen: 51.404 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

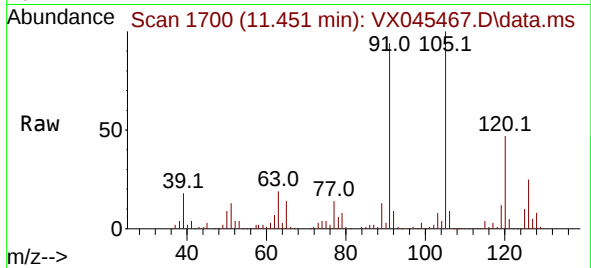
Tgt Ion: 91 Resp: 169636
Ion Ratio Lower Upper
91 100
126 31.0 16.4 49.4





#80
1,3,5-Trimethylbenzene
Concen: 52.996 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

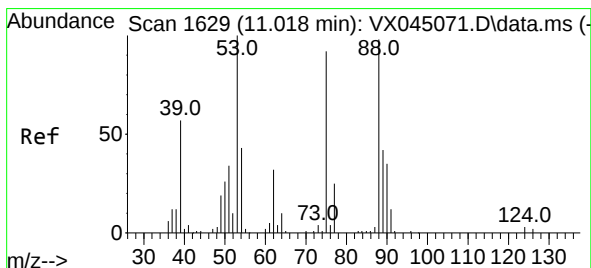
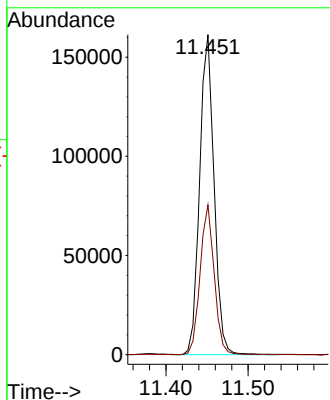
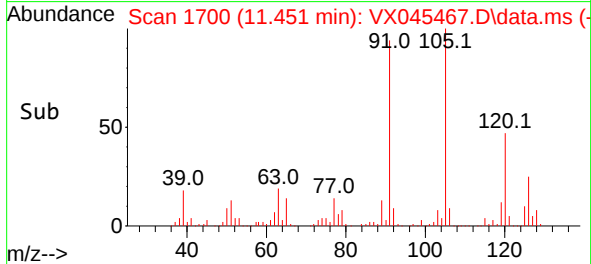
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MS



Tgt Ion:105 Resp: 196564
Ion Ratio Lower Upper
105 100
120 45.9 24.1 72.2

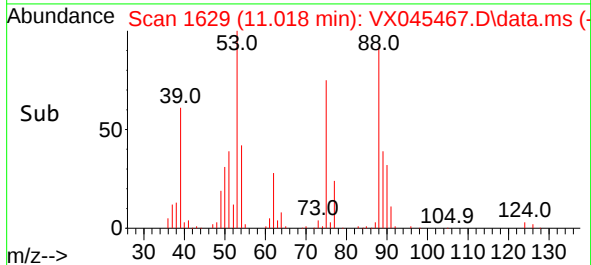
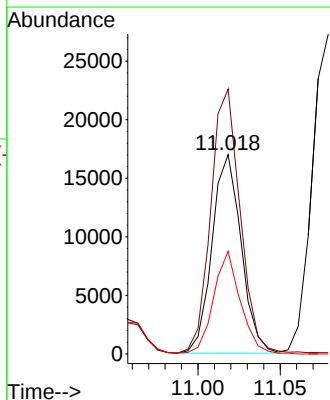
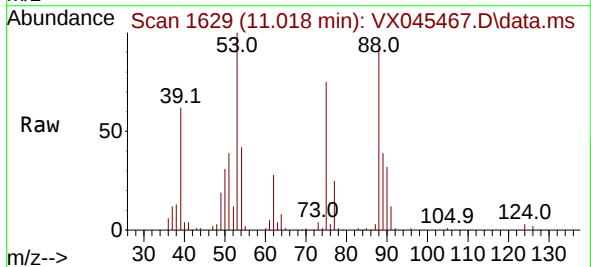
Manual Integrations
APPROVED

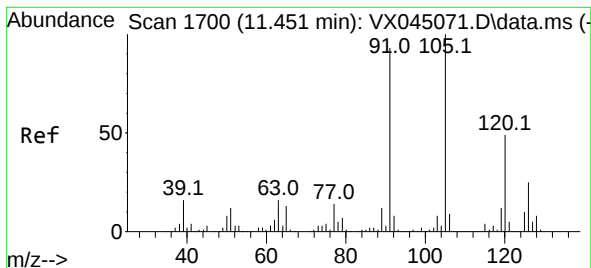
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#81
trans-1,4-Dichloro-2-butene
Concen: 52.194 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

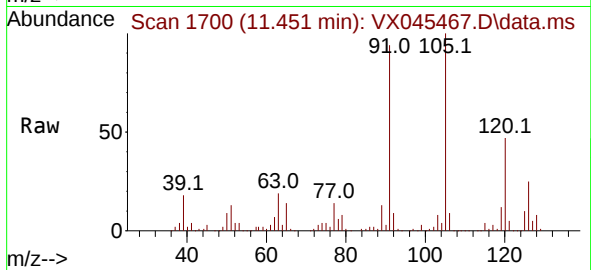
Tgt Ion: 75 Resp: 20862
Ion Ratio Lower Upper
75 100
53 136.2 88.5 132.7#
89 47.8 36.2 54.4





#82
4-Chlorotoluene
Concen: 52.974 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

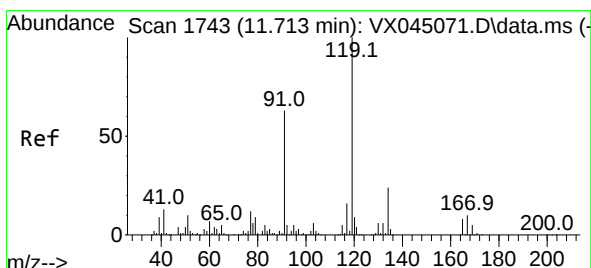
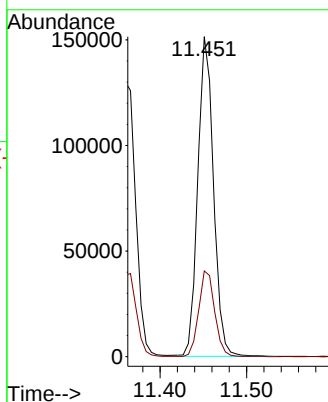
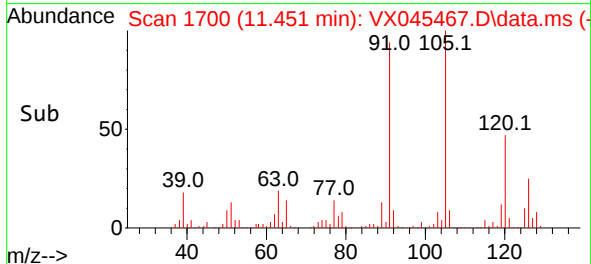
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MS



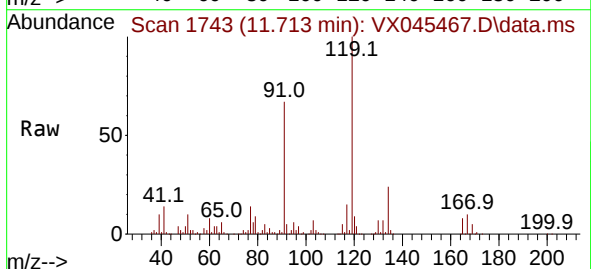
Tgt Ion: 91 Resp: 190520
Ion Ratio Lower Upper
91 100
126 27.5 14.1 42.4

Manual Integrations
APPROVED

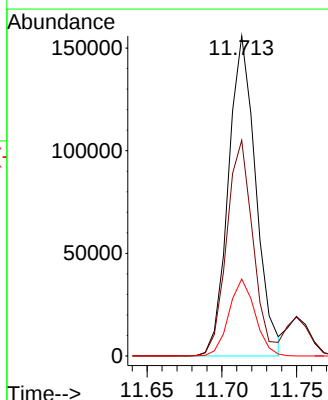
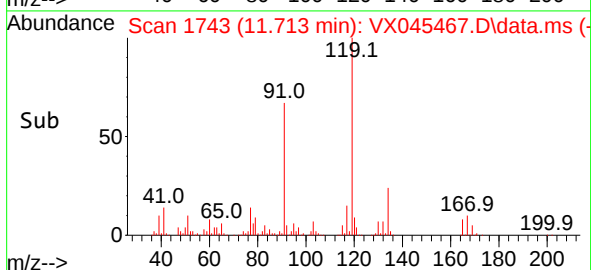
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

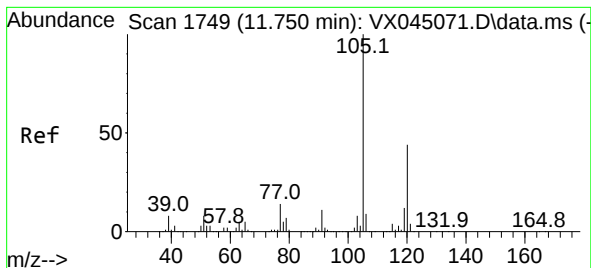


#83
tert-Butylbenzene
Concen: 52.050 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06



Tgt Ion:119 Resp: 198359
Ion Ratio Lower Upper
119 100
91 65.1 30.7 92.1
134 23.0 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 53.078 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX045467.D

Acq: 26 Mar 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

TT188S1-20250320MS

Tgt Ion:105 Resp: 19808

Ion Ratio Lower Upper

105 100

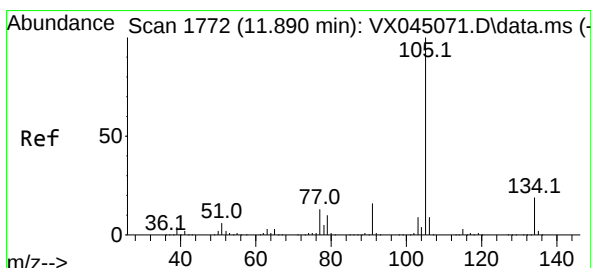
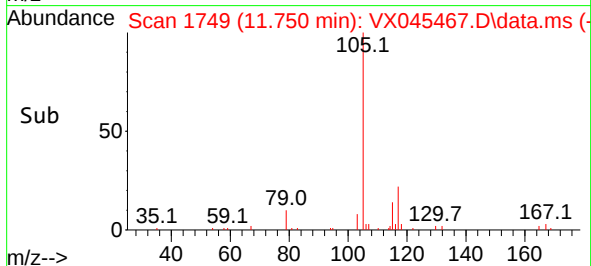
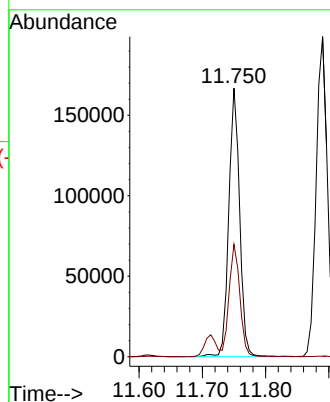
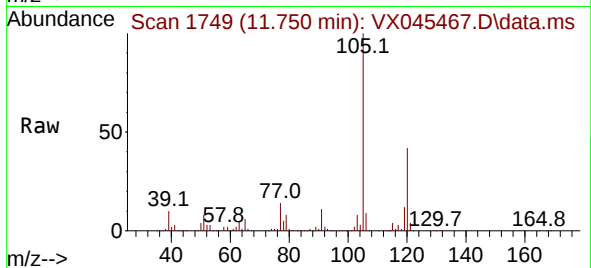
120 41.5 22.1 66.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#85

sec-Butylbenzene

Concen: 53.627 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX045467.D

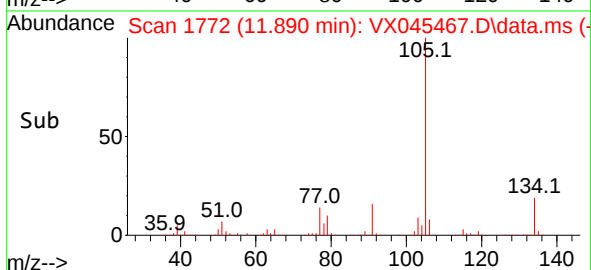
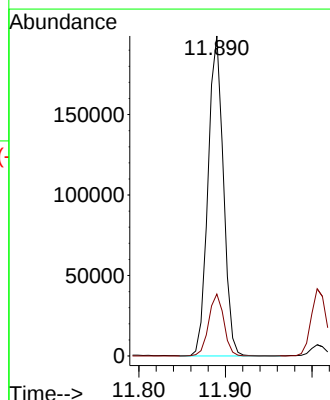
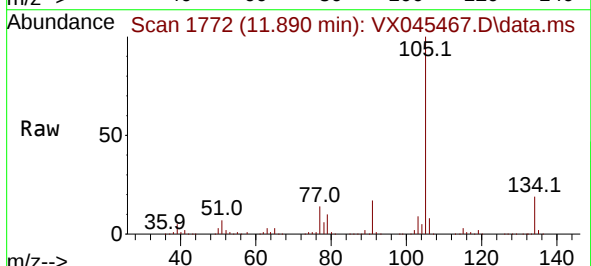
Acq: 26 Mar 2025 14:06

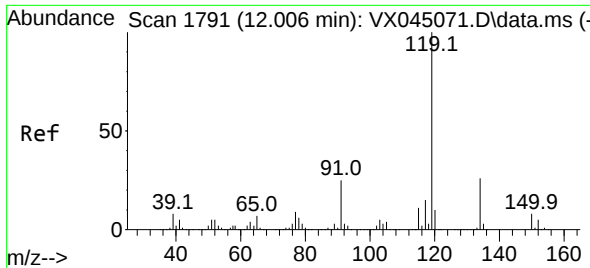
Tgt Ion:105 Resp: 244804

Ion Ratio Lower Upper

105 100

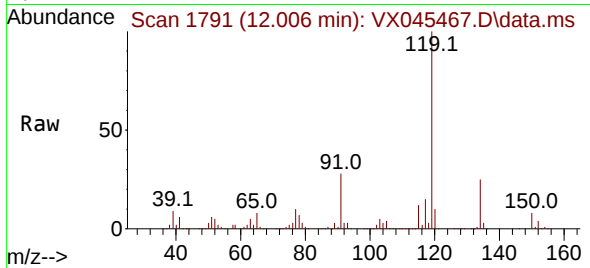
134 19.1 9.8 29.4





#86
p-Isopropyltoluene
Concen: 53.497 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

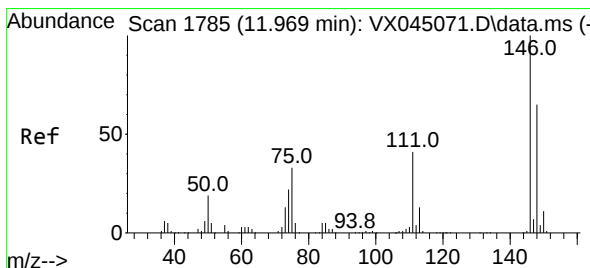
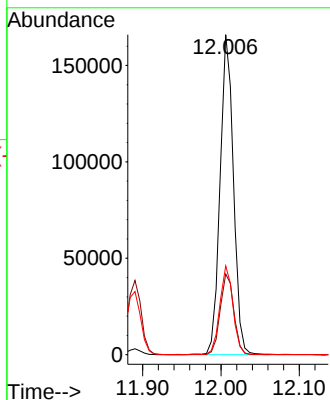
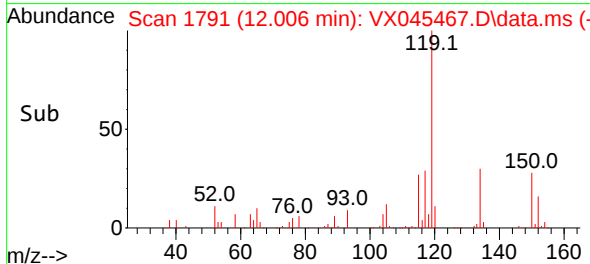
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MS



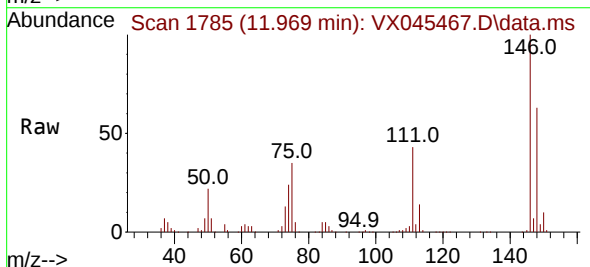
Tgt Ion:119 Resp: 197358
Ion Ratio Lower Upper
119 100
134 25.6 12.9 38.6
91 27.4 12.7 38.0

Manual Integrations
APPROVED

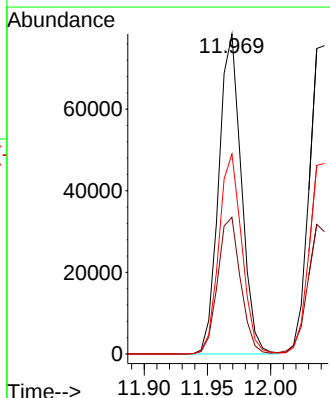
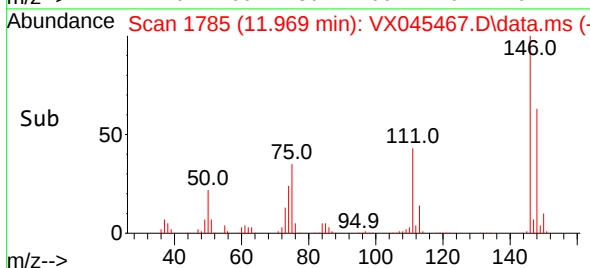
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

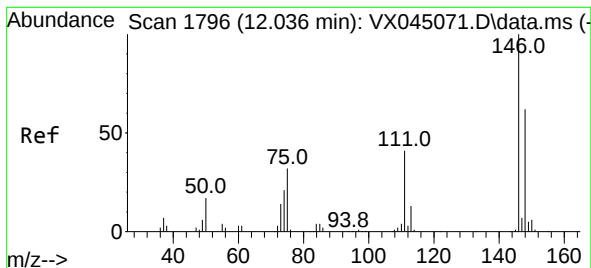


#87
1,3-Dichlorobenzene
Concen: 50.415 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06



Tgt Ion:146 Resp: 97338
Ion Ratio Lower Upper
146 100
111 43.4 21.1 63.4
148 63.5 31.9 95.7





#88

1,4-Dichlorobenzene

Concen: 49.981 ug/l

RT: 12.042 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX045467.D

Acq: 26 Mar 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

TT188S1-20250320MS

Tgt Ion:146 Resp: 97630

Ion Ratio Lower Upper

146 100

111 42.5 20.2 60.5

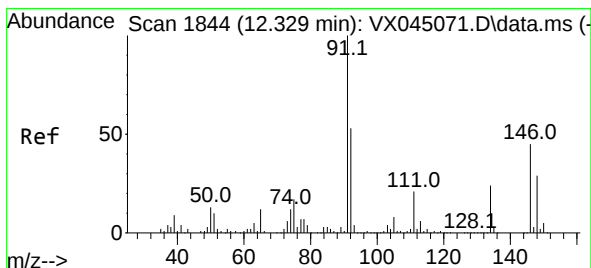
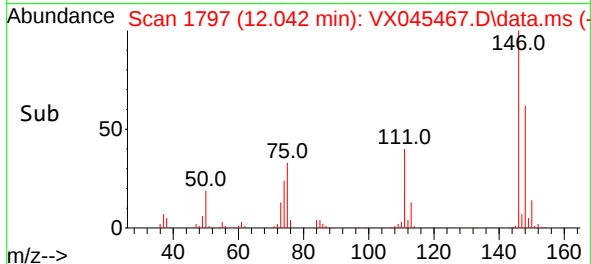
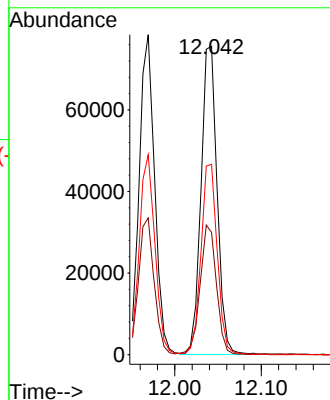
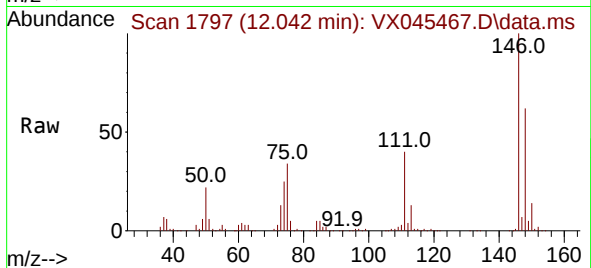
148 62.6 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#89

n-Butylbenzene

Concen: 54.229 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX045467.D

Acq: 26 Mar 2025 14:06

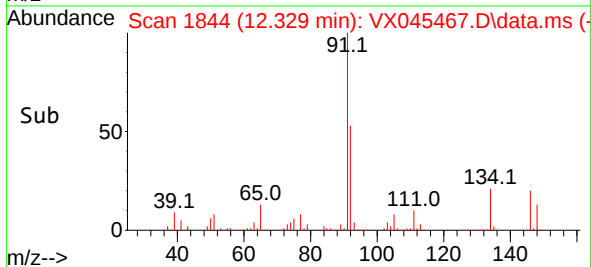
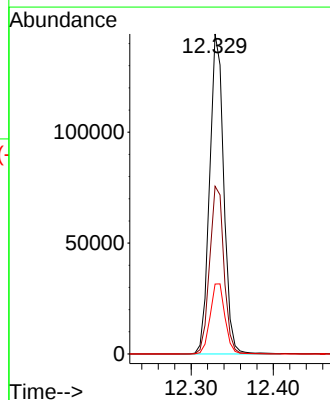
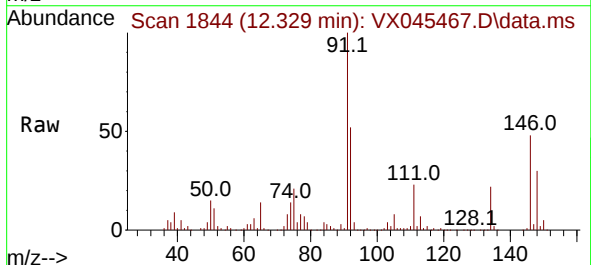
Tgt Ion: 91 Resp: 172306

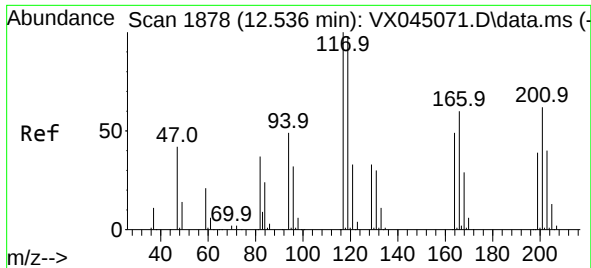
Ion Ratio Lower Upper

91 100

92 53.1 26.7 80.0

134 23.0 12.2 36.6





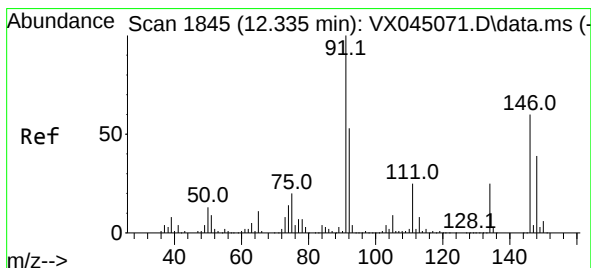
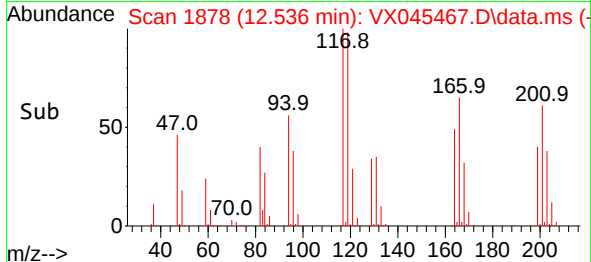
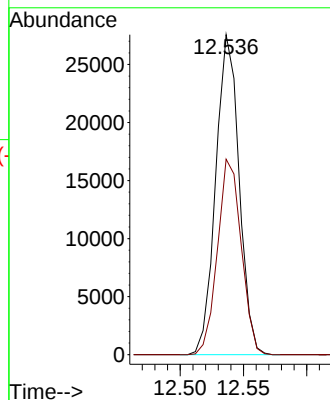
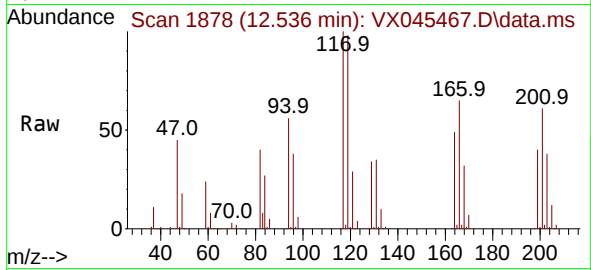
#90
Hexachloroethane
Concen: 52.984 ug/l
RT: 12.536 min Scan# 117
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MS

Tgt Ion:117 Resp: 3535
Ion Ratio Lower Upper
117 100
201 62.1 31.9 95.9

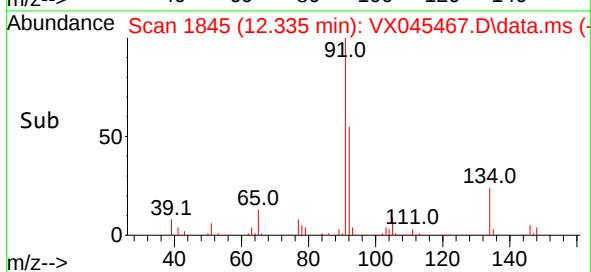
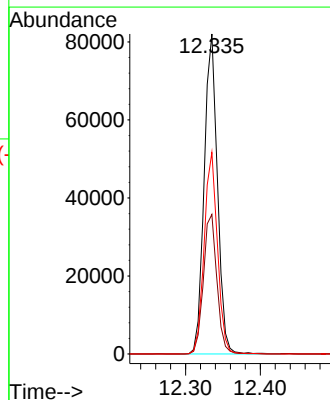
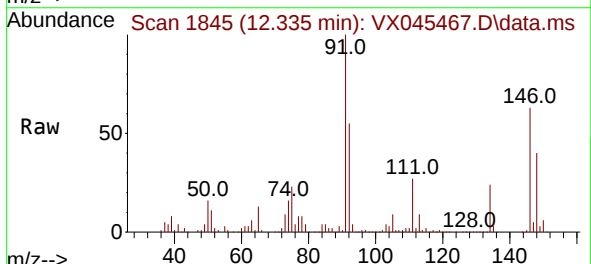
Manual Integrations
APPROVED

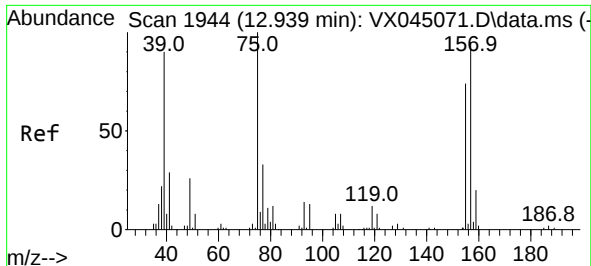
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#91
1,2-Dichlorobenzene
Concen: 52.253 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

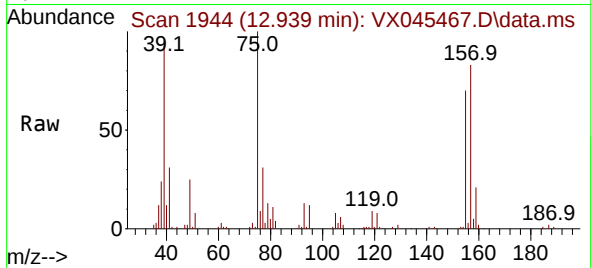
Tgt Ion:146 Resp: 101203
Ion Ratio Lower Upper
146 100
111 44.4 21.6 65.0
148 63.0 31.9 95.9





#92
1,2-Dibromo-3-Chloropropane
Concen: 60.728 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

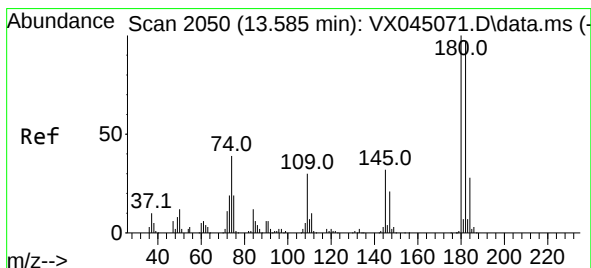
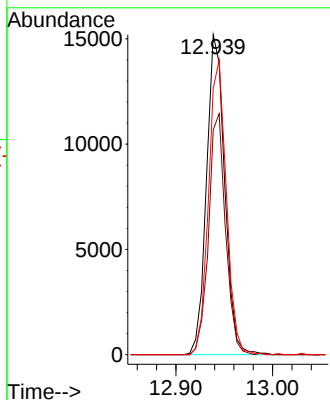
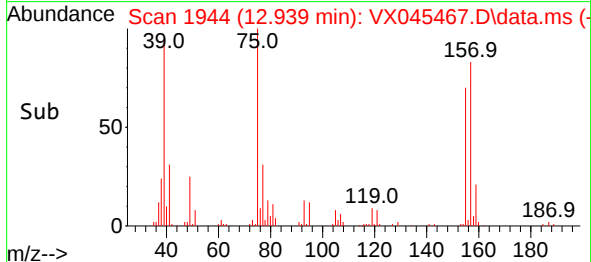
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MS



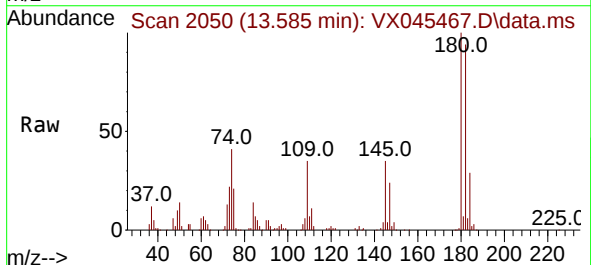
Tgt Ion: 75 Resp: 1991
Ion Ratio Lower Upper
75 100
155 70.2 39.6 118.7
157 90.0 51.1 153.4

Manual Integrations
APPROVED

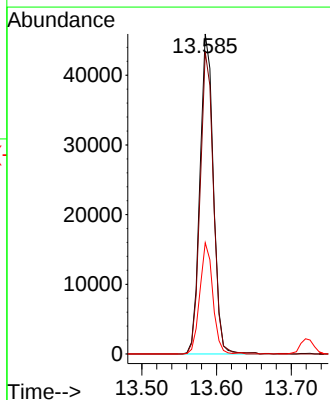
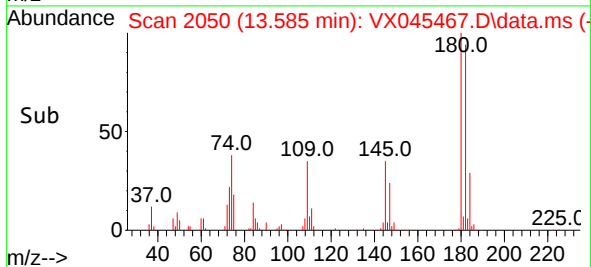
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

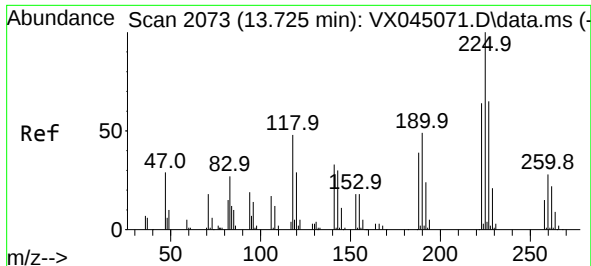


#93
1,2,4-Trichlorobenzene
Concen: 51.846 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06



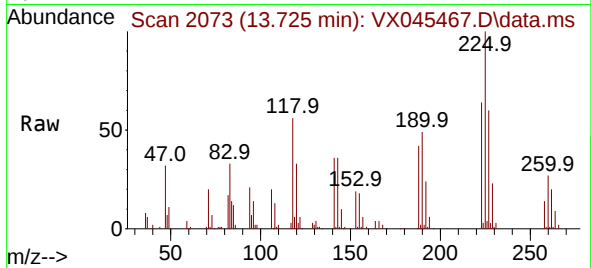
Tgt Ion:180 Resp: 57177
Ion Ratio Lower Upper
180 100
182 93.8 47.3 141.9
145 33.8 16.3 48.9





#94
Hexachlorobutadiene
Concen: 51.276 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06

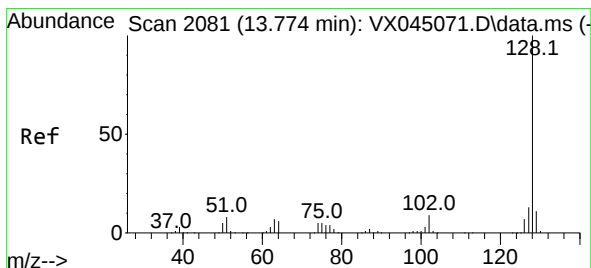
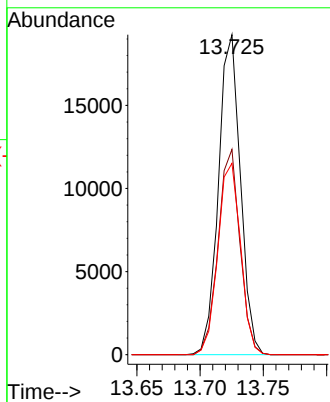
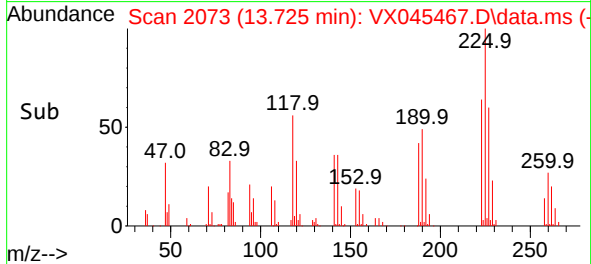
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MS



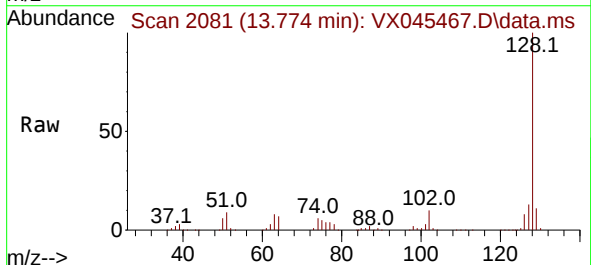
Tgt Ion:225 Resp: 23184
Ion Ratio Lower Upper
225 100
223 63.9 31.9 95.7
227 61.9 31.4 94.0

Manual Integrations
APPROVED

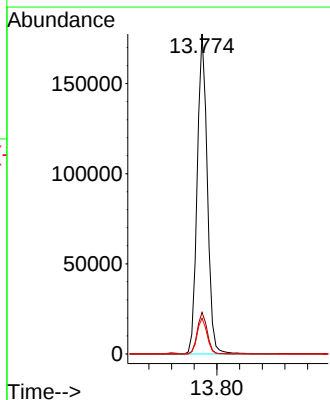
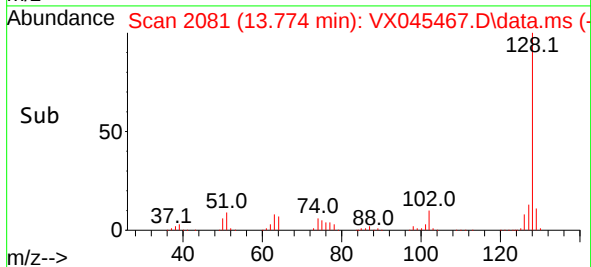
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

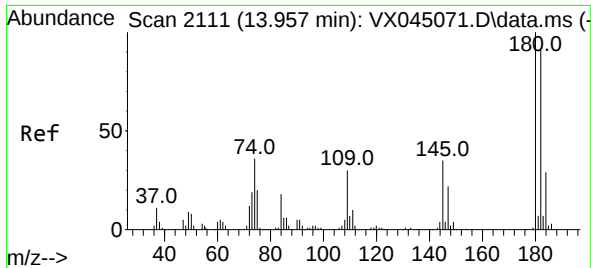


#95
Naphthalene
Concen: 51.735 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045467.D
Acq: 26 Mar 2025 14:06



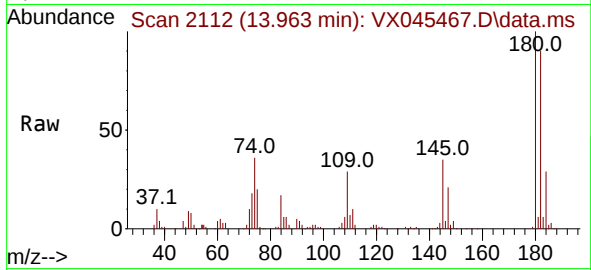
Tgt Ion:128 Resp: 219209
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.0 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 51.113 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.006 min
 Lab File: VX045467.D
 Acq: 26 Mar 2025 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 TT188S1-20250320MS



Tgt Ion:180 Resp: 59460
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.5 142.6
 145 36.0 17.0 50.9

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025

