

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
 Data File : VX046259.D
 Acq On : 19 May 2025 11:53
 Operator : JC/MD
 Sample : VX0519WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0519WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/21/2025
 Supervised By : Mahesh Dadoda 05/21/2025

Quant Time: May 19 23:07:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	87263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150978	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	132315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	84643	52.028	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.060%			
35) Dibromofluoromethane	5.379	113	57543	52.928	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.860%			
50) Toluene-d8	8.647	98	193249	51.356	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.720%			
62) 4-Bromofluorobenzene	11.079	95	74331	51.497	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.000%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	24053	18.009	ug/l	96
3) Chloromethane	1.307	50	22394	17.290	ug/l	99
4) Vinyl Chloride	1.374	62	20162	16.726	ug/l	96
5) Bromomethane	1.593	94	9591	17.154	ug/l	100
6) Chloroethane	1.673	64	11432	17.765	ug/l	100
7) Trichlorofluoromethane	1.880	101	32823	18.424	ug/l	99
8) Diethyl Ether	2.136	74	11155	18.393	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	20365	18.472	ug/l	99
10) Methyl Iodide	2.447	142	21735	16.661	ug/l	99
11) Tert butyl alcohol	2.971	59	23837	104.382	ug/l	97
12) 1,1-Dichloroethene	2.313	96	18561	17.938	ug/l	99
13) Acrolein	2.233	56	20993	80.721	ug/l	100
14) Allyl chloride	2.654	41	37096	18.759	ug/l	97
15) Acrylonitrile	3.063	53	66231	101.428	ug/l	99
16) Acetone	2.380	43	64397	98.724	ug/l	99
17) Carbon Disulfide	2.502	76	36970	15.071	ug/l	97
18) Methyl Acetate	2.703	43	35356	23.358	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	70635	19.471	ug/l	95
20) Methylene Chloride	2.782	84	22283	17.826	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	18725	17.995	ug/l	95
22) Diisopropyl ether	3.758	45	75925	19.876	ug/l	93
23) Vinyl Acetate	3.721	43	324003	96.437	ug/l	99
24) 1,1-Dichloroethane	3.599	63	40455	19.014	ug/l	98
25) 2-Butanone	4.556	43	96498	101.899	ug/l	98
26) 2,2-Dichloropropane	4.465	77	29528	17.731	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	23862	19.049	ug/l	97
28) Bromochloromethane	4.891	49	21443	20.938	ug/l	99
29) Tetrahydrofuran	5.001	42	61012	102.816	ug/l	98
30) Chloroform	5.087	83	44217	19.939	ug/l	100
31) Cyclohexane	5.465	56	34187	17.633	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	36865	19.177	ug/l	99
36) 1,1-Dichloropropene	5.684	75	25897	17.728	ug/l	98
37) Ethyl Acetate	4.715	43	34382	19.051	ug/l	99
38) Carbon Tetrachloride	5.672	117	30875	18.811	ug/l	99
39) Methylcyclohexane	7.373	83	32313	17.182	ug/l	96
40) Benzene	6.032	78	81819	19.122	ug/l	97

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	20373	21.579	ug/l	99
42) 1,2-Dichloroethane	6.080	62	37427	20.267	ug/l	99
43) Isopropyl Acetate	6.336	43	54907	19.942	ug/l	100
44) Trichloroethene	7.123	130	19111	18.558	ug/l	97
45) 1,2-Dichloropropane	7.428	63	19869	18.675	ug/l	98
46) Dibromomethane	7.580	93	16651	19.843	ug/l	100
47) Bromodichloromethane	7.818	83	32824	19.861	ug/l	99
48) Methyl methacrylate	7.690	41	29191	20.760	ug/l	95
49) 1,4-Dioxane	7.659	88	11265	421.933	ug/l	97
51) 4-Methyl-2-Pentanone	8.568	43	190473	104.221	ug/l	100
52) Toluene	8.714	92	50238	19.148	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	27640	18.815	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	31384	19.329	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	21003	20.302	ug/l	97
56) Ethyl methacrylate	9.116	69	32978	20.001	ug/l	98
57) 1,3-Dichloropropane	9.305	76	37223	20.035	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	81477	96.930	ug/l	98
59) 2-Hexanone	9.427	43	143472	106.109	ug/l	100
60) Dibromochloromethane	9.519	129	22336	19.660	ug/l	98
61) 1,2-Dibromoethane	9.604	107	21729	20.209	ug/l	98
64) Tetrachloroethene	9.269	164	17073	18.237	ug/l	90
65) Chlorobenzene	10.073	112	54256	18.735	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	19365	19.582	ug/l	99
67) Ethyl Benzene	10.189	91	96865	18.975	ug/l	99
68) m/p-Xylenes	10.299	106	71386	38.234	ug/l	97
69) o-Xylene	10.640	106	34722	19.075	ug/l	95
70) Styrene	10.653	104	59040	19.800	ug/l	99
71) Bromoform	10.799	173	14287	19.243	ug/l #	96
73) Isopropylbenzene	10.957	105	94808	19.152	ug/l	100
74) N-amyl acetate	10.842	43	47522	19.427	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	33849	19.512	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	29880m	19.523	ug/l	
77) Bromobenzene	11.195	156	22274	19.381	ug/l	97
78) n-propylbenzene	11.299	91	110079	19.125	ug/l	99
79) 2-Chlorotoluene	11.360	91	69282	18.661	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	79492	19.221	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7819	16.632	ug/l	88
82) 4-Chlorotoluene	11.451	91	79386	19.282	ug/l	100
83) tert-Butylbenzene	11.713	119	78714	18.896	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	81650	19.496	ug/l	98
85) sec-Butylbenzene	11.890	105	98747	19.306	ug/l	100
86) p-Isopropyltoluene	12.006	119	81895	19.398	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	39428	18.798	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	40234	18.783	ug/l	98
89) n-Butylbenzene	12.329	91	69047	18.645	ug/l	99
90) Hexachloroethane	12.536	117	14001	18.824	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	41580	19.755	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7677	19.976	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	22494	18.607	ug/l	97
94) Hexachlorobutadiene	13.719	225	10367	19.635	ug/l	98
95) Naphthalene	13.774	128	81954	18.484	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	24173	19.379	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

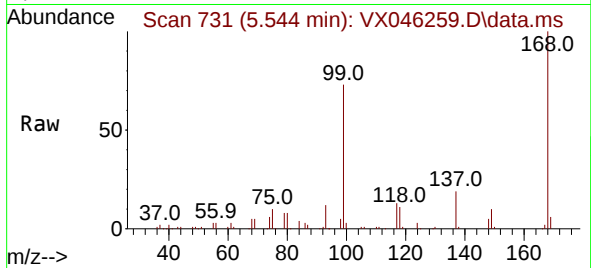
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
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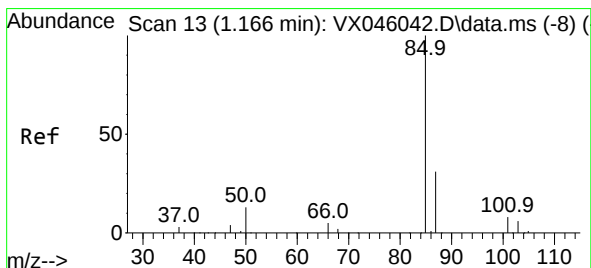
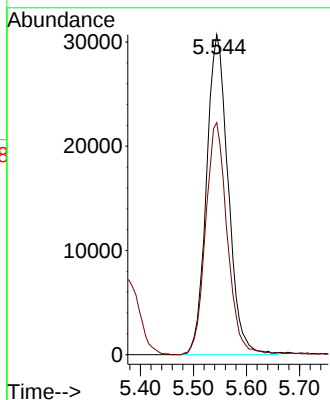
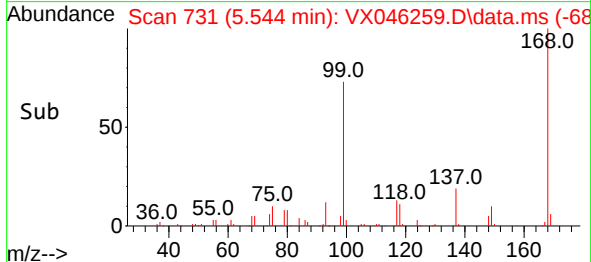
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01



Tgt Ion:168 Resp: 8726
Ion Ratio Lower Upper
168 100
99 72.5 54.9 82.3

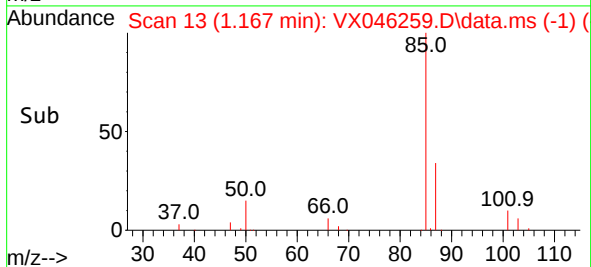
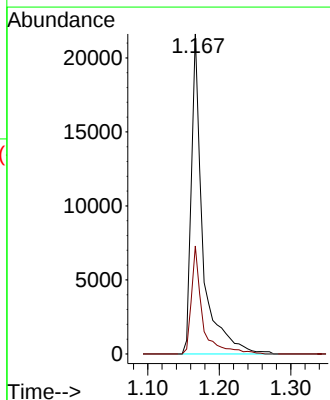
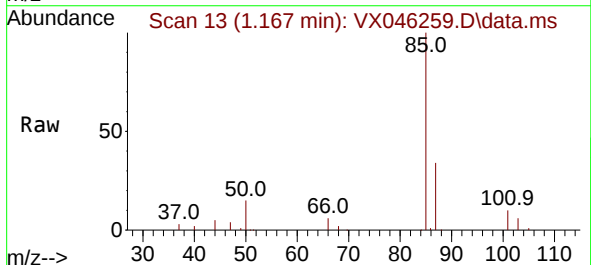
Manual Integrations
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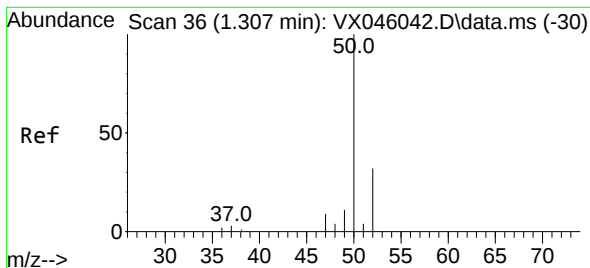
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#2
Dichlorodifluoromethane
Concen: 18.009 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

Tgt Ion: 85 Resp: 24053
Ion Ratio Lower Upper
85 100
87 33.8 15.7 47.1





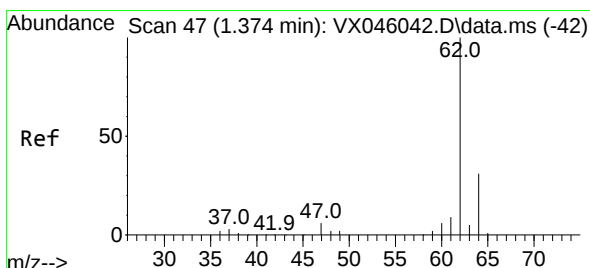
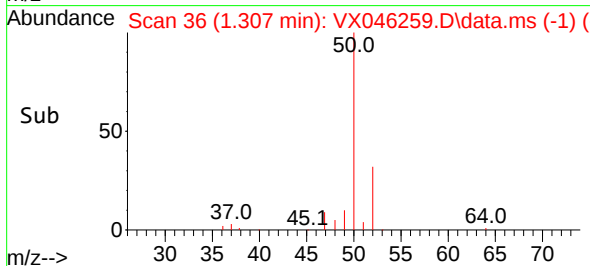
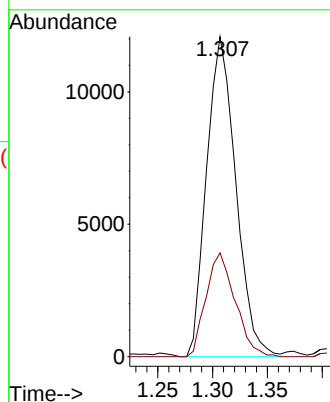
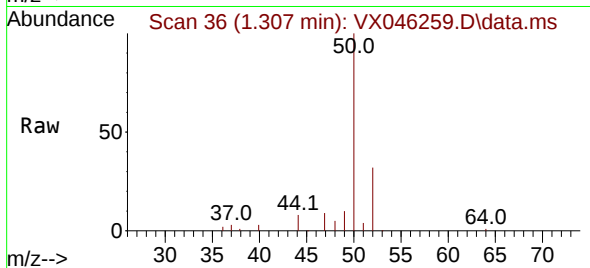
#3
Chloromethane
Concen: 17.290 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

Instrument :
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Tgt Ion: 50 Resp: 22394
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.2

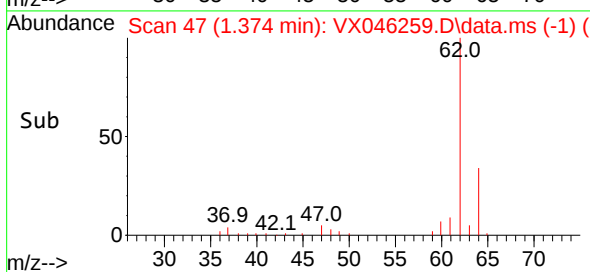
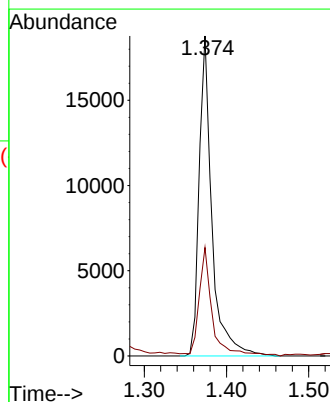
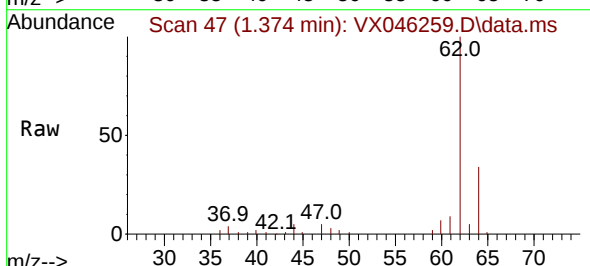
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#4
Vinyl Chloride
Concen: 16.726 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

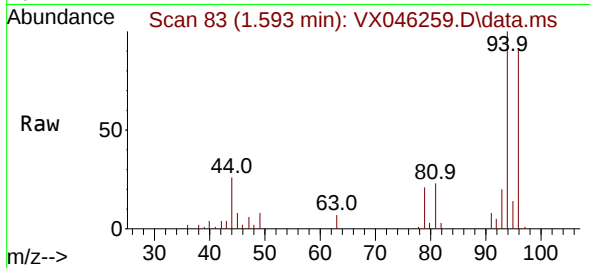
Tgt Ion: 62 Resp: 20162
Ion Ratio Lower Upper
62 100
64 33.9 25.2 37.8





#5
Bromomethane
Concen: 17.154 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

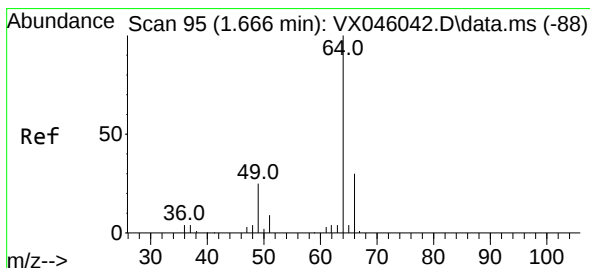
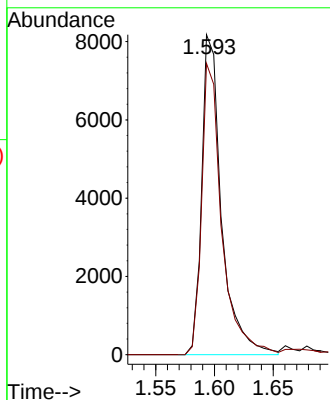
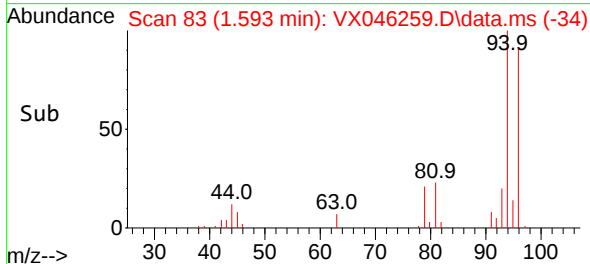
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 959
Ion Ratio Lower Upper
94 100
96 91.0 72.8 109.2

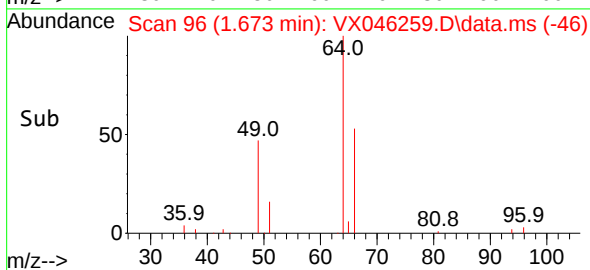
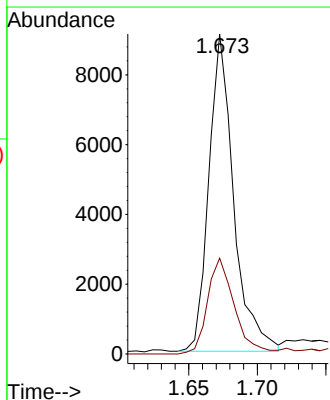
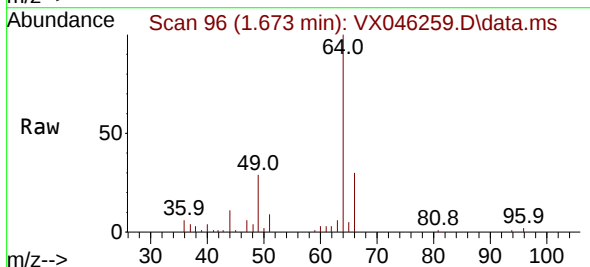
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#6
Chloroethane
Concen: 17.765 ug/l
RT: 1.673 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

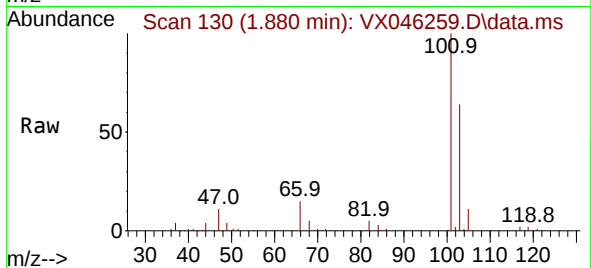
Tgt Ion: 64 Resp: 11432
Ion Ratio Lower Upper
64 100
66 30.2 24.3 36.5





#7
Trichlorofluoromethane
Concen: 18.424 ug/l
RT: 1.880 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

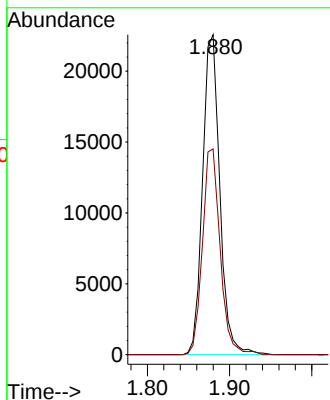
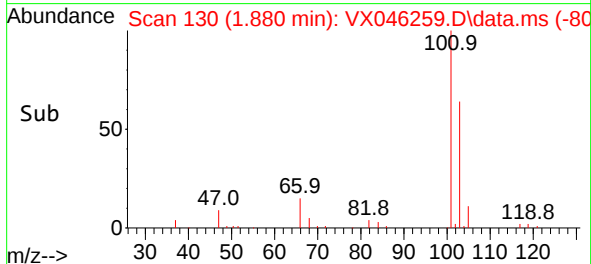
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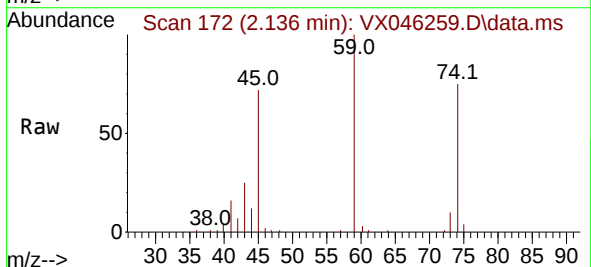
Tgt Ion:101 Resp: 3282
Ion Ratio Lower Upper
101 100
103 64.3 51.0 76.4

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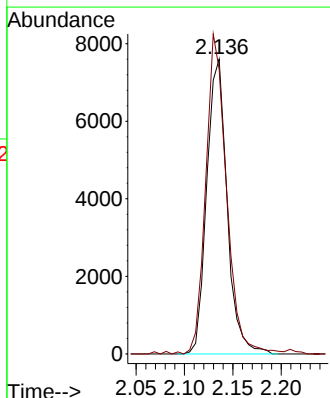
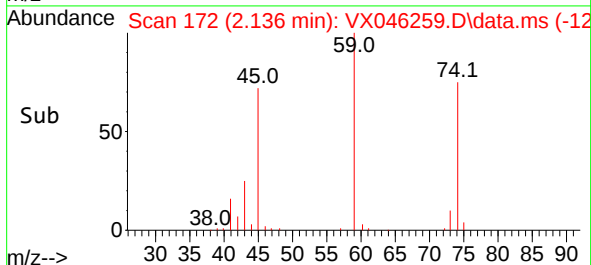
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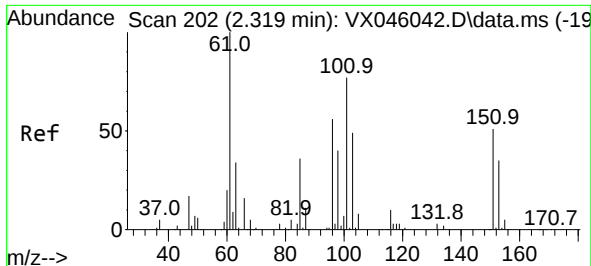


#8
Diethyl Ether
Concen: 18.393 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53



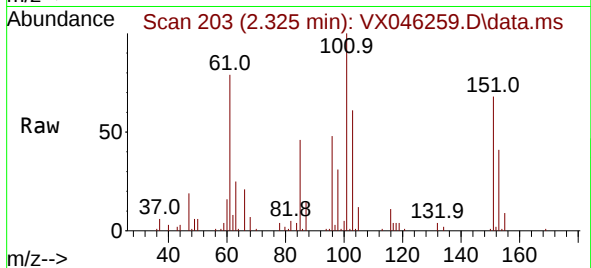
Tgt Ion: 74 Resp: 11155
Ion Ratio Lower Upper
74 100
45 110.8 54.9 164.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.472 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX046259.D
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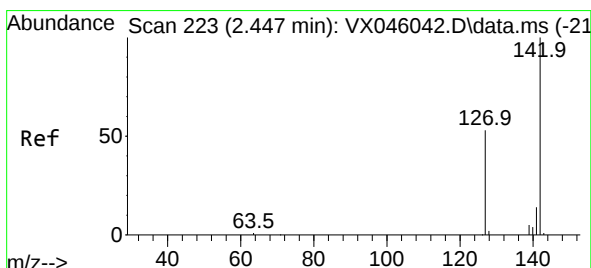
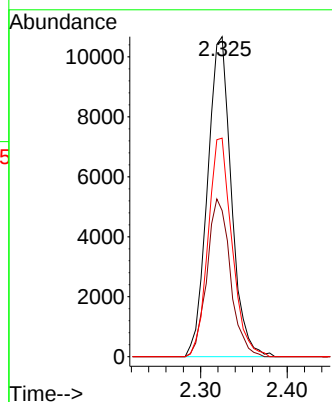
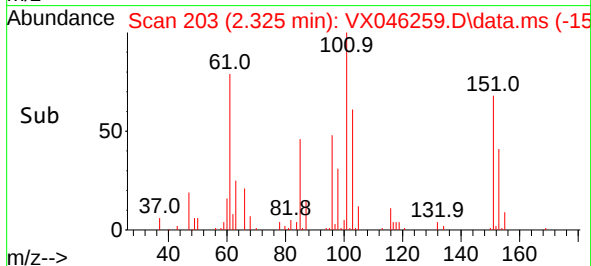
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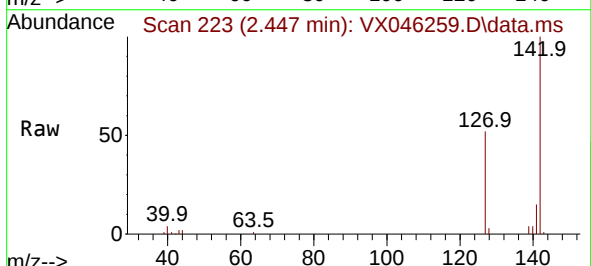
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Ion Ratio Lower Upper
101 100
85 48.5 38.6 58.0
151 68.4 55.2 82.8

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APPROVED

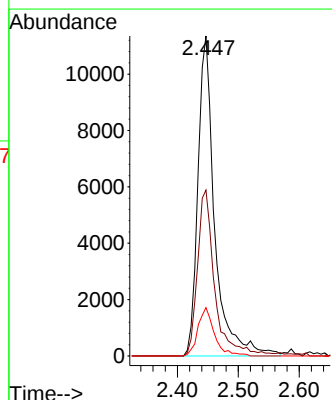
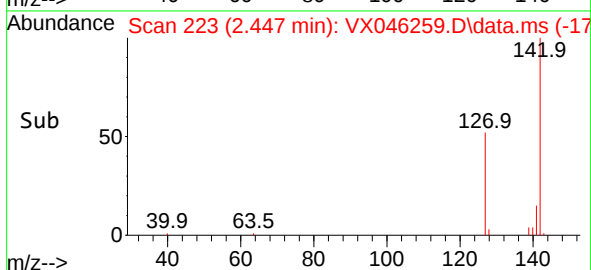
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#10
Methyl Iodide
Concen: 16.661 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53



Tgt Ion:142 Resp: 21735
Ion Ratio Lower Upper
142 100
127 53.1 41.7 62.5
141 14.8 11.5 17.3





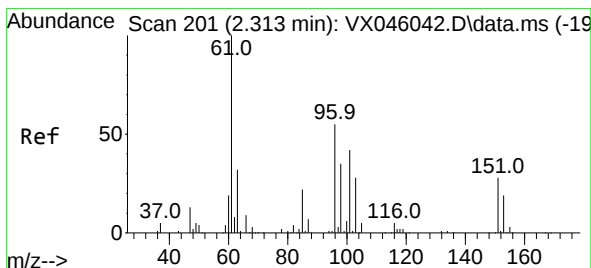
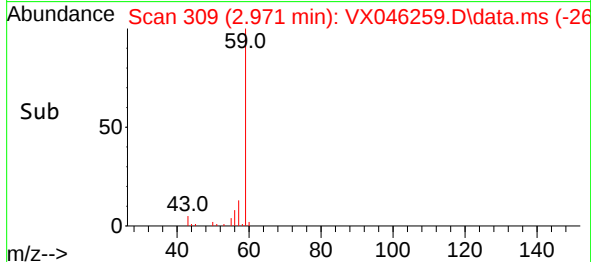
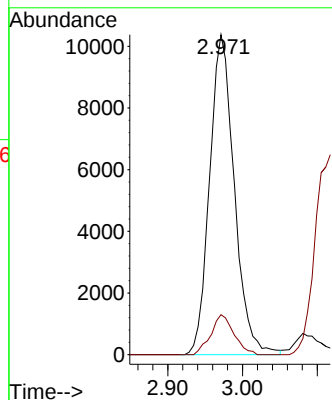
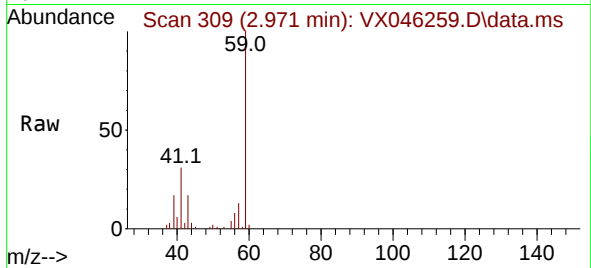
#11
Tert butyl alcohol
Concen: 104.382 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01

Tgt Ion: 59 Resp: 2383
Ion Ratio Lower Upper
59 100
57 11.7 8.6 12.8

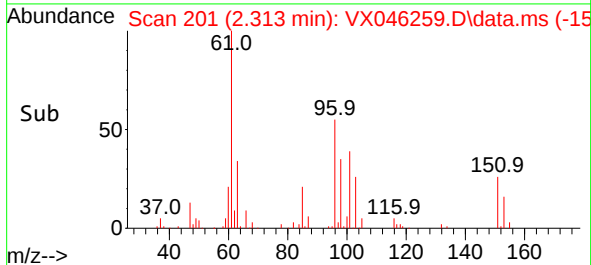
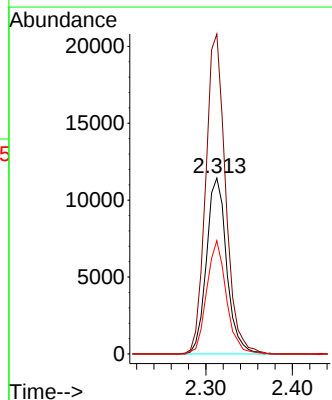
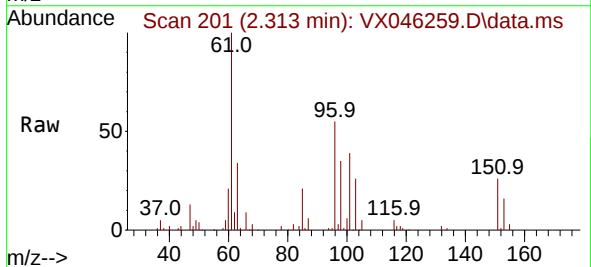
Manual Integrations
APPROVED

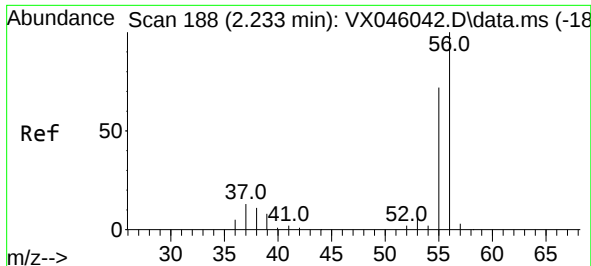
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#12
1,1-Dichloroethene
Concen: 17.938 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

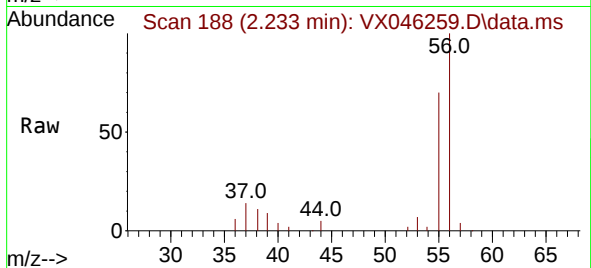
Tgt Ion: 96 Resp: 18561
Ion Ratio Lower Upper
96 100
61 182.0 146.2 219.2
98 64.4 51.0 76.6





#13
Acrolein
Concen: 80.721 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

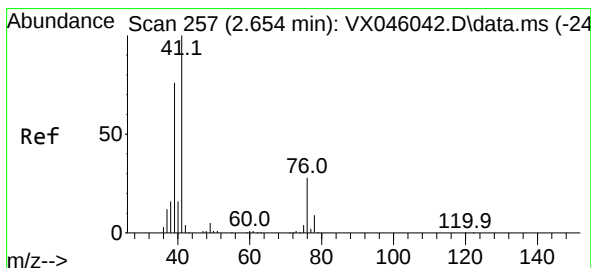
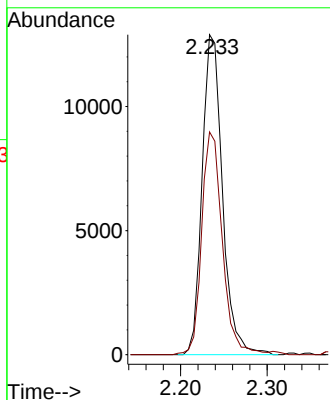
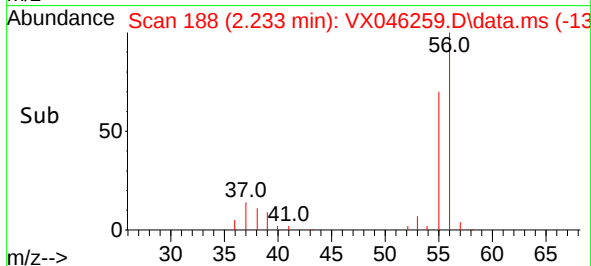
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01



Tgt Ion: 56 Resp: 2099
Ion Ratio Lower Upper
56 100
55 70.6 56.2 84.4

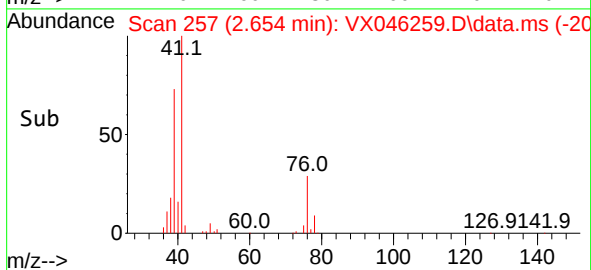
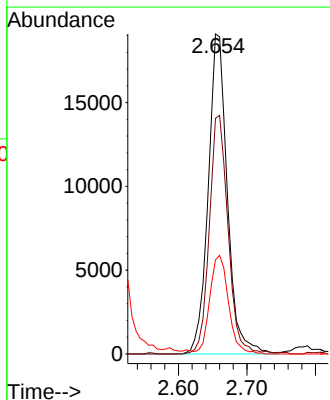
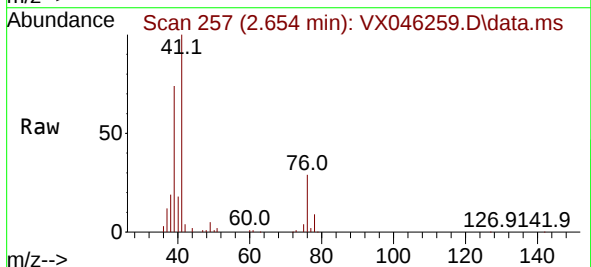
Manual Integrations
APPROVED

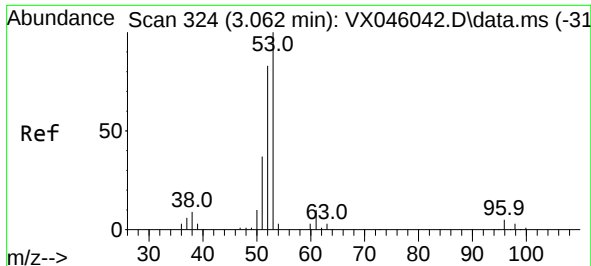
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#14
Allyl chloride
Concen: 18.759 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

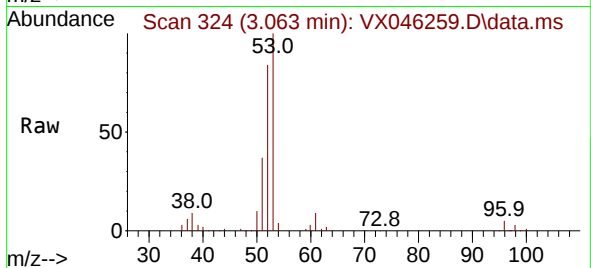
Tgt Ion: 41 Resp: 37096
Ion Ratio Lower Upper
41 100
39 72.8 60.6 90.8
76 30.0 24.9 37.3





#15
Acrylonitrile
Concen: 101.428 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

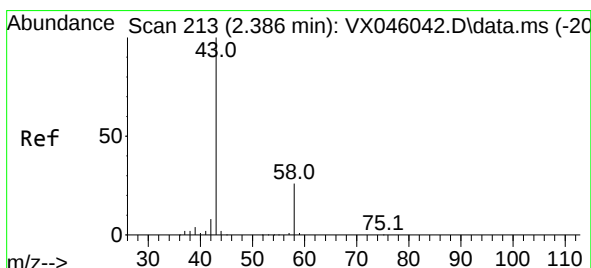
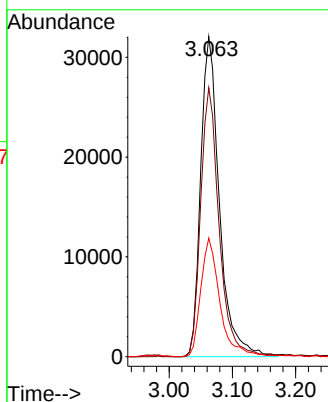
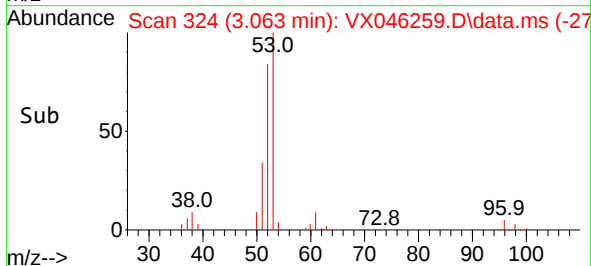
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01



Tgt Ion: 53 Resp: 6623
Ion Ratio Lower Upper
53 100
52 82.5 65.3 97.9
51 37.7 29.8 44.8

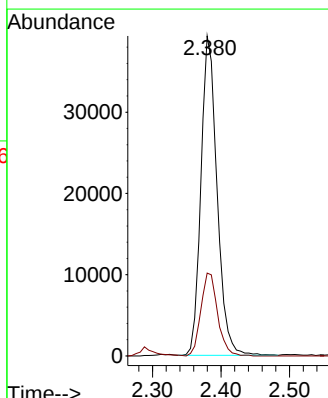
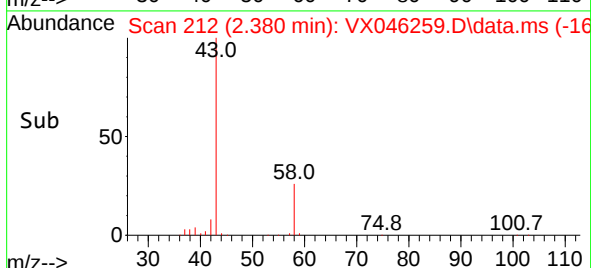
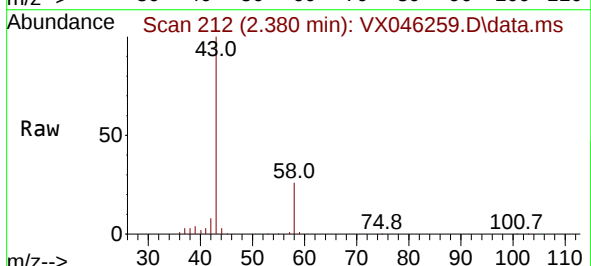
Manual Integrations
APPROVED

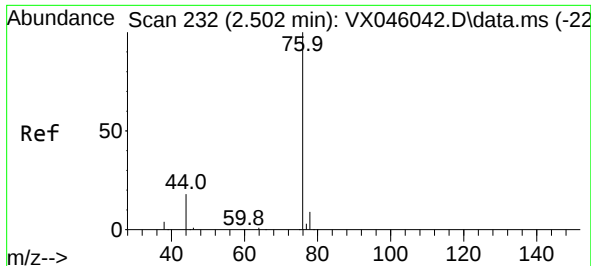
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#16
Acetone
Concen: 98.724 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

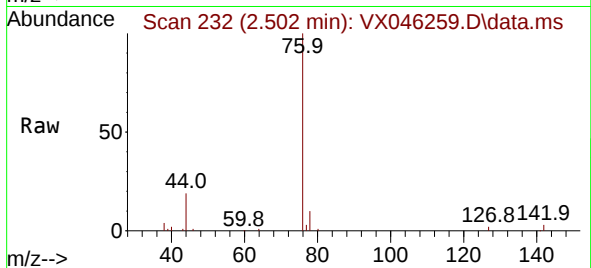
Tgt Ion: 43 Resp: 64397
Ion Ratio Lower Upper
43 100
58 25.9 21.2 31.8





#17
Carbon Disulfide
Concen: 15.071 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

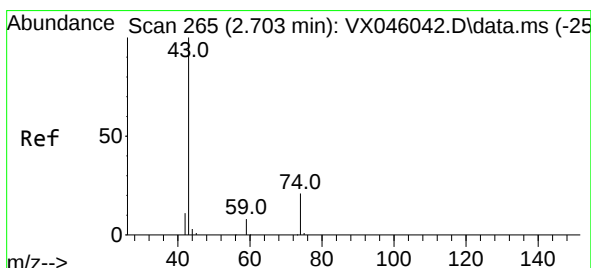
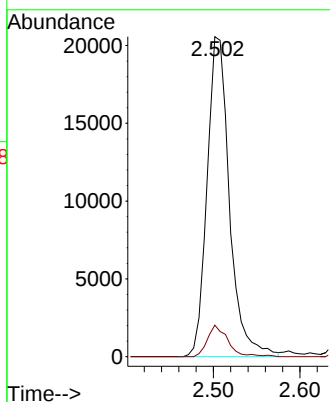
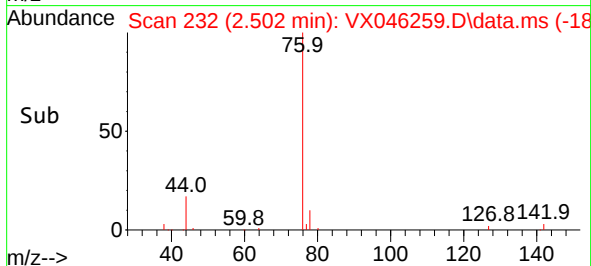
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01



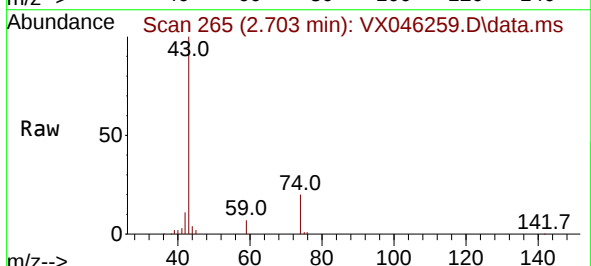
Tgt Ion: 76 Resp: 36970
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.4

Manual Integrations
APPROVED

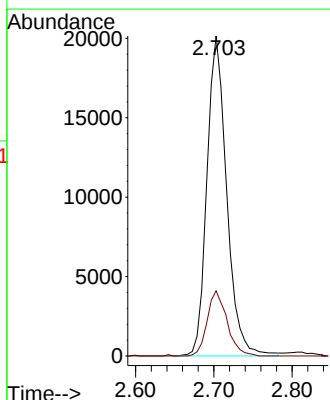
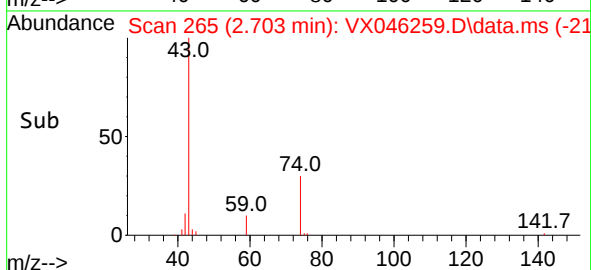
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#18
Methyl Acetate
Concen: 23.358 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53



Tgt Ion: 43 Resp: 35356
Ion Ratio Lower Upper
43 100
74 20.4 16.7 25.1





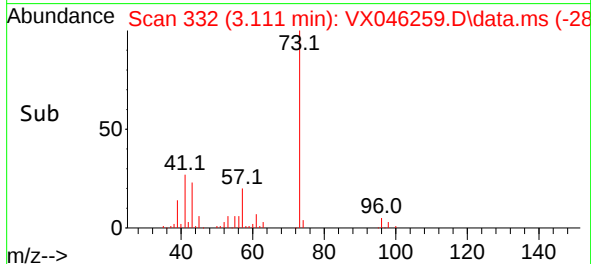
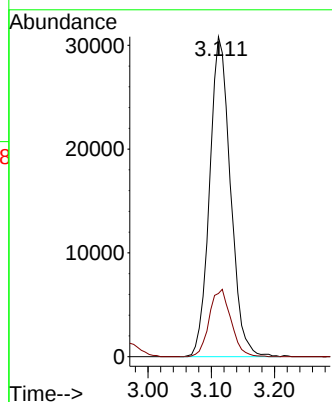
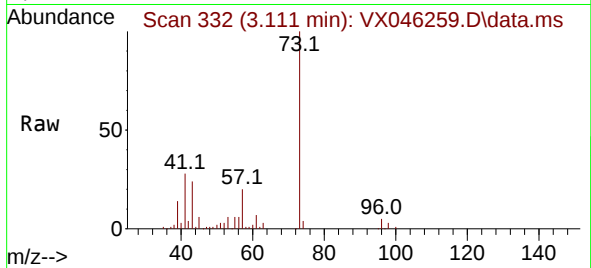
#19
Methyl tert-butyl Ether
Concen: 19.471 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01

Tgt Ion: 73 Resp: 7063
Ion Ratio Lower Upper
73 100
57 19.7 17.7 26.5

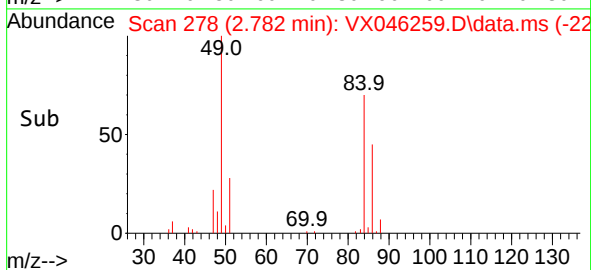
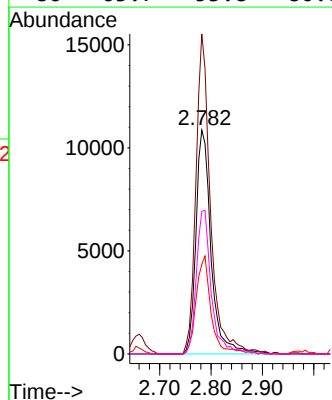
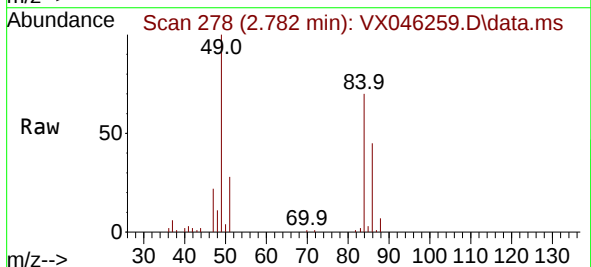
Manual Integrations
APPROVED

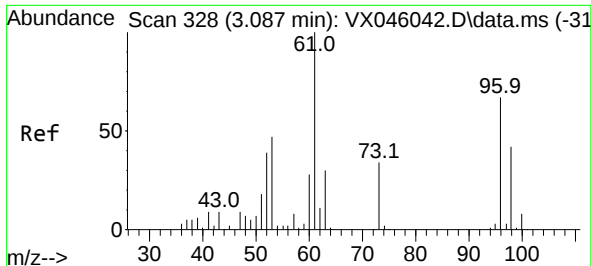
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#20
Methylene Chloride
Concen: 17.826 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

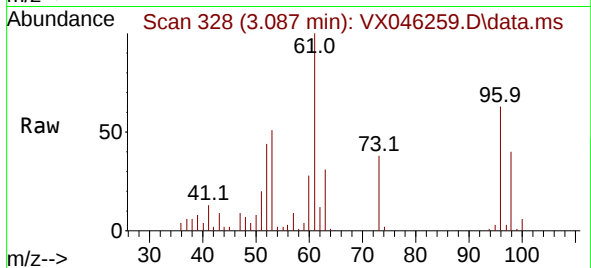
Tgt Ion: 84 Resp: 22283
Ion Ratio Lower Upper
84 100
49 142.9 113.9 170.9
51 39.9 33.5 50.3
86 63.7 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 17.995 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

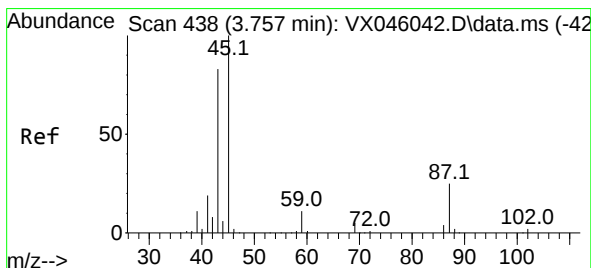
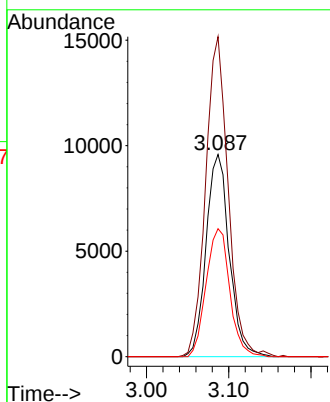
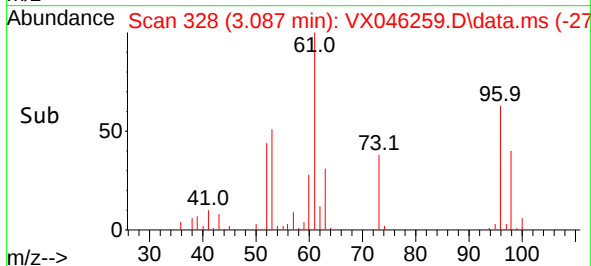
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01



Tgt Ion: 96 Resp: 18725
Ion Ratio Lower Upper
96 100
61 158.2 119.5 179.3
98 63.3 50.0 75.0

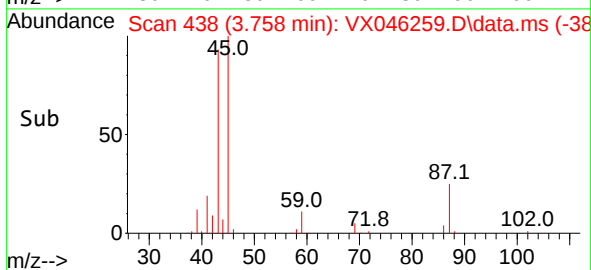
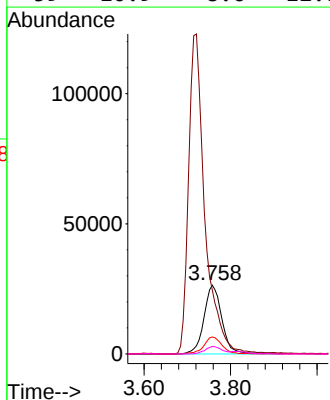
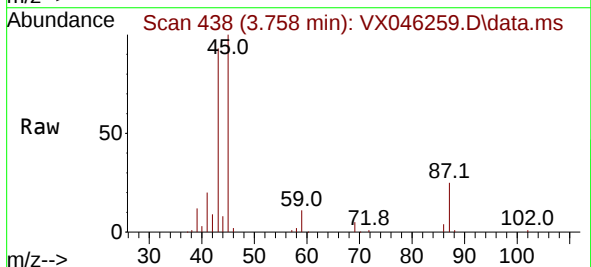
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#22
Diisopropyl ether
Concen: 19.876 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

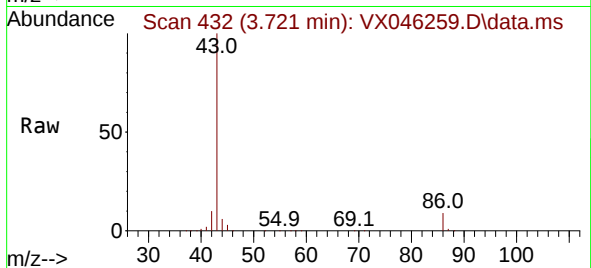
Tgt Ion: 45 Resp: 75925
Ion Ratio Lower Upper
45 100
43 91.9 66.6 100.0
87 24.7 19.8 29.6
59 10.9 8.6 12.8





#23
 Vinyl Acetate
 Concen: 96.437 ug/l
 RT: 3.721 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VX046259.D
 Acq: 19 May 2025 11:53

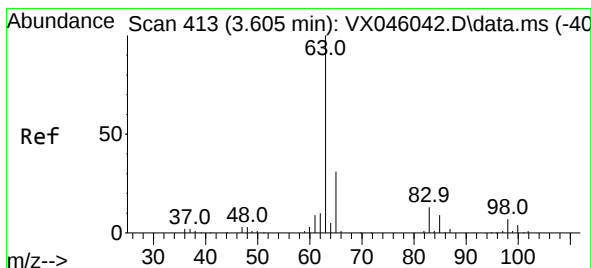
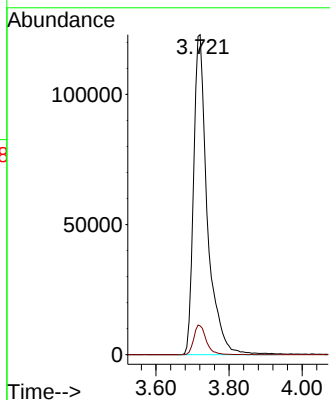
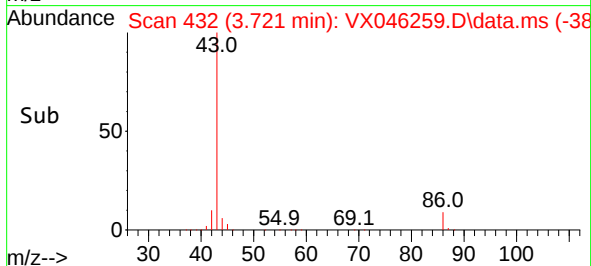
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0519WBSD01



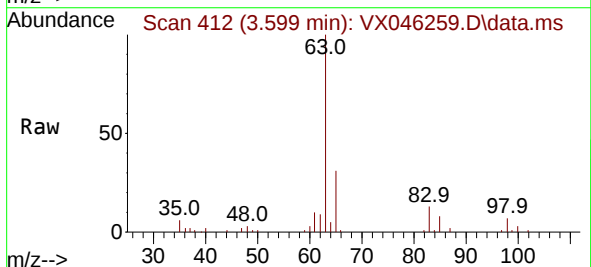
Tgt Ion: 43 Resp: 32400
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.5 11.3

Manual Integrations
 APPROVED

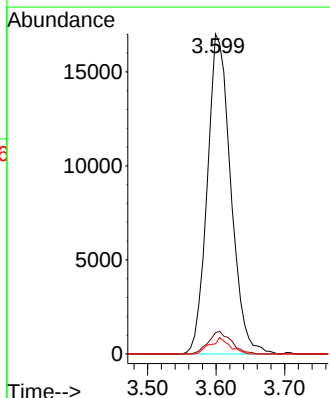
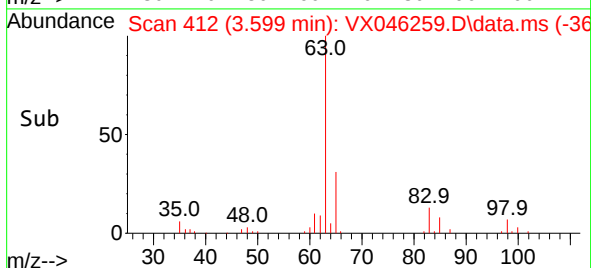
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025

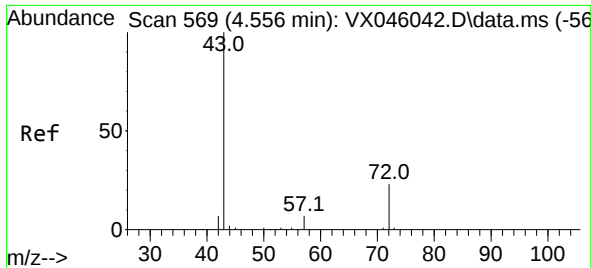


#24
 1,1-Dichloroethane
 Concen: 19.014 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX046259.D
 Acq: 19 May 2025 11:53



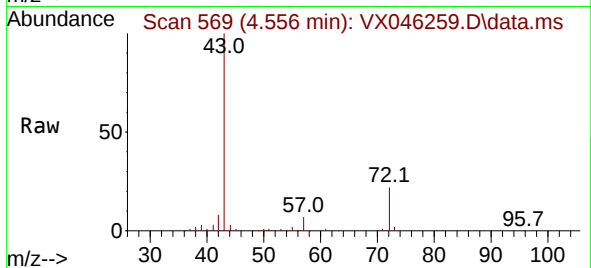
Tgt Ion: 63 Resp: 40455
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.8
 100 3.2 2.1 6.3





#25
2-Butanone
Concen: 101.899 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

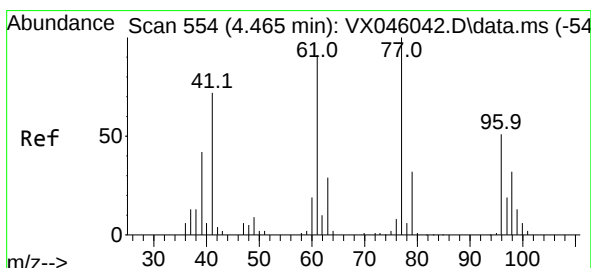
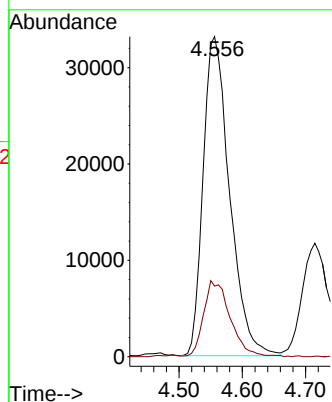
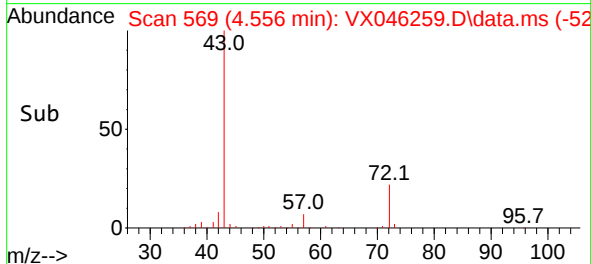
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01



Tgt Ion: 43 Resp: 96498
Ion Ratio Lower Upper
43 100
72 21.8 18.4 27.6

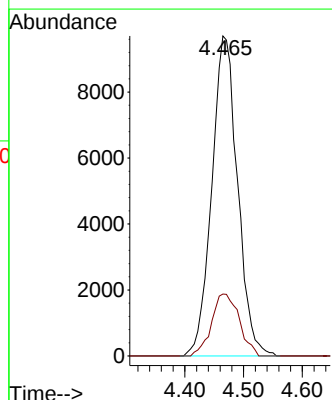
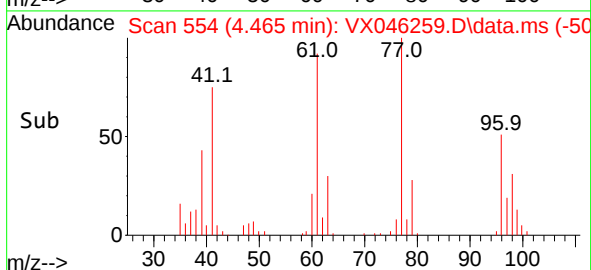
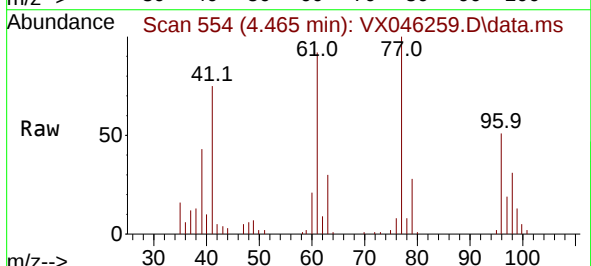
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#26
2,2-Dichloropropane
Concen: 17.731 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

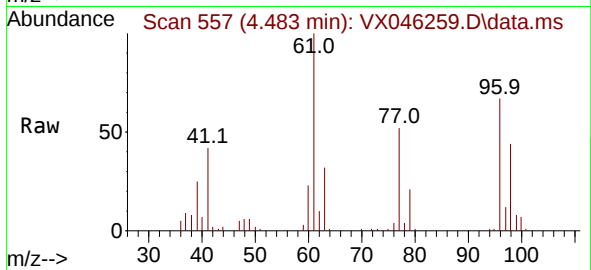
Tgt Ion: 77 Resp: 29528
Ion Ratio Lower Upper
77 100
97 20.8 10.5 31.5





#27
 cis-1,2-Dichloroethene
 Concen: 19.049 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX046259.D
 Acq: 19 May 2025 11:53

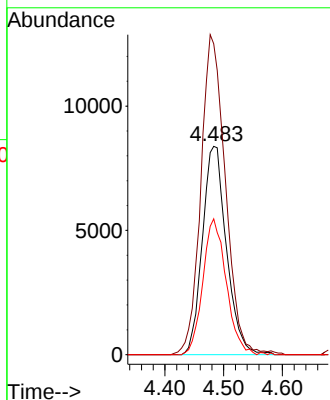
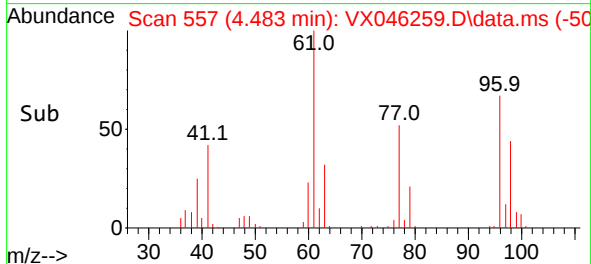
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0519WBSD01



Tgt Ion: 96 Resp: 2386
 Ion Ratio Lower Upper
 96 100
 61 156.8 0.0 322.8
 98 63.0 0.0 129.0

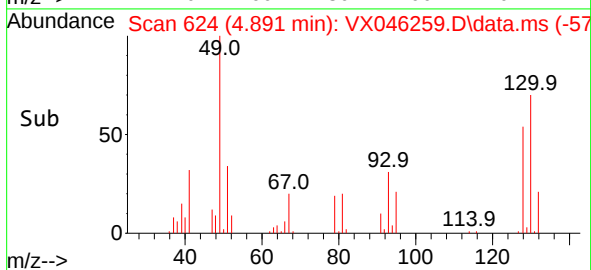
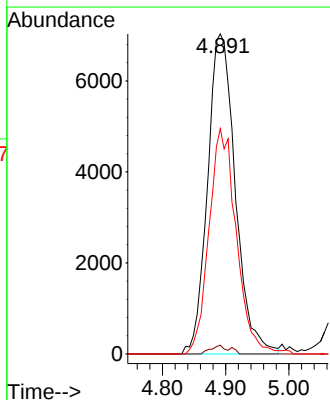
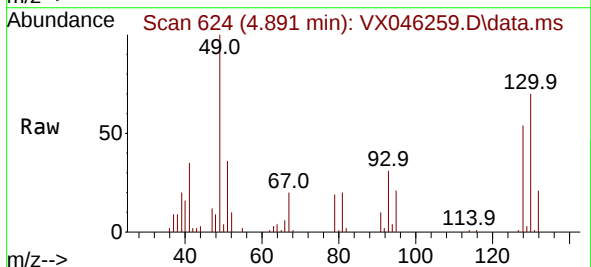
Manual Integrations
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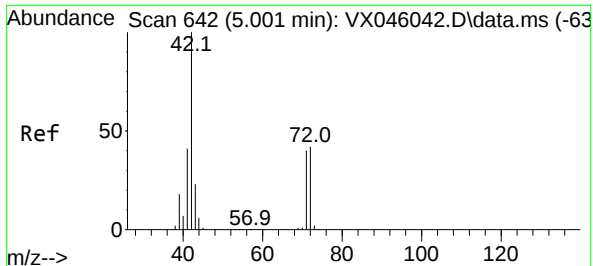
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025



#28
 Bromochloromethane
 Concen: 20.938 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX046259.D
 Acq: 19 May 2025 11:53

Tgt Ion: 49 Resp: 21443
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.0
 130 69.3 56.2 84.2





#29

Tetrahydrofuran

Concen: 102.816 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX046259.D

Acq: 19 May 2025 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0519WBSD01

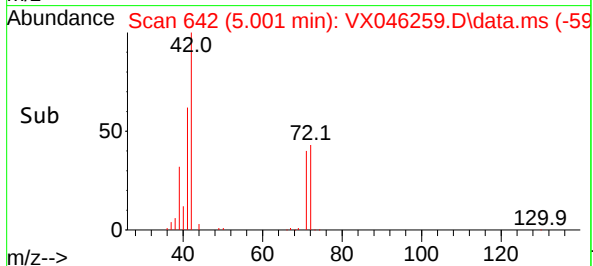
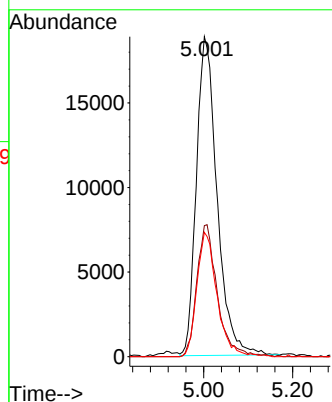
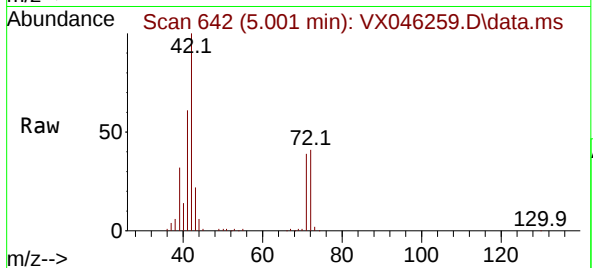
Tgt Ion:	42	Resp:	6101
Ion Ratio	Lower	Upper	
42	100		
72	41.0	33.7	50.5
71	37.6	31.4	47.2

Manual Integrations

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Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#30

Chloroform

Concen: 19.939 ug/l

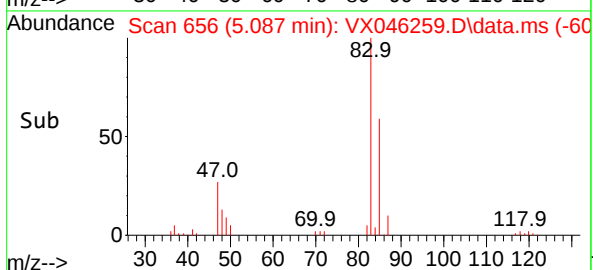
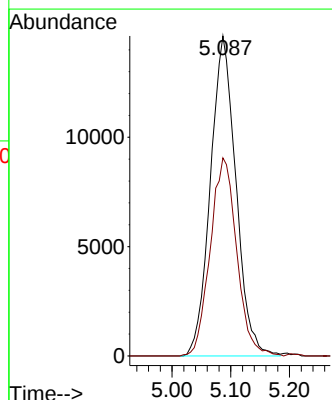
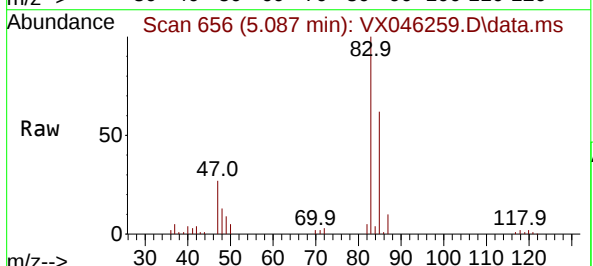
RT: 5.087 min Scan# 656

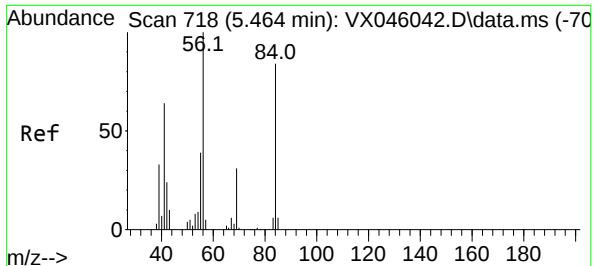
Delta R.T. 0.000 min

Lab File: VX046259.D

Acq: 19 May 2025 11:53

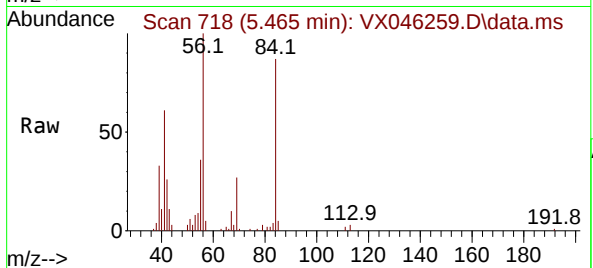
Tgt Ion:	83	Resp:	44217
Ion Ratio	Lower	Upper	
83	100		
85	61.9	49.3	73.9





#31
Cyclohexane
Concen: 17.633 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

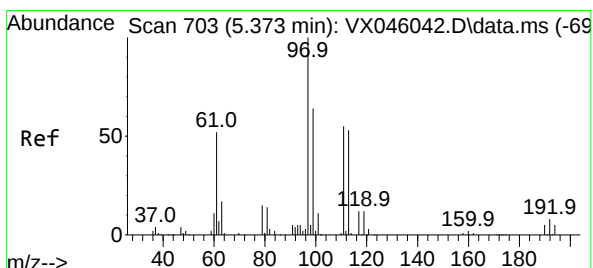
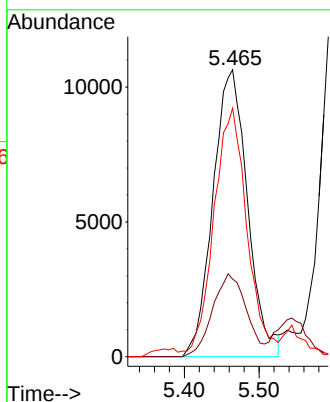
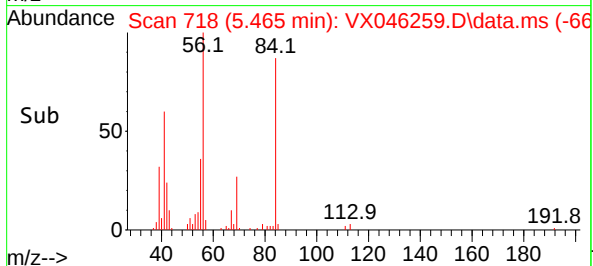
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01



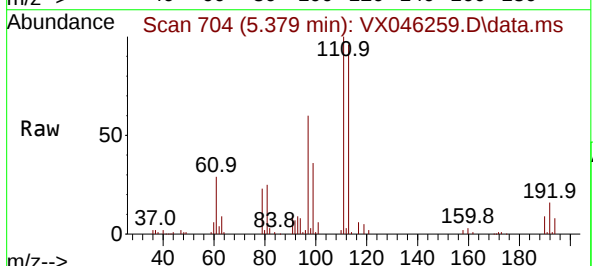
Tgt Ion: 56 Resp: 3418
Ion Ratio Lower Upper
56 100
69 27.1 24.4 36.6
84 85.0 66.9 100.3

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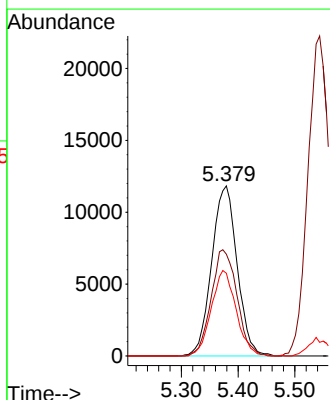
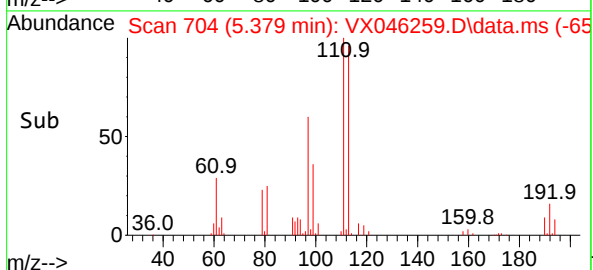
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#32
1,1,1-Trichloroethane
Concen: 19.177 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53



Tgt Ion: 97 Resp: 36865
Ion Ratio Lower Upper
97 100
99 63.5 51.8 77.6
61 49.1 40.1 60.1





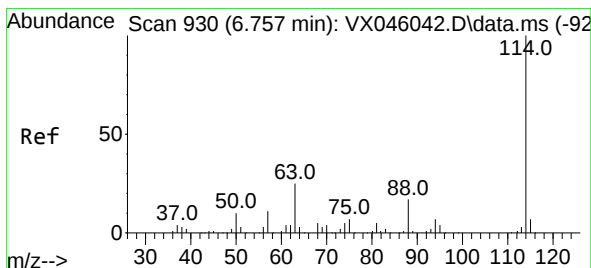
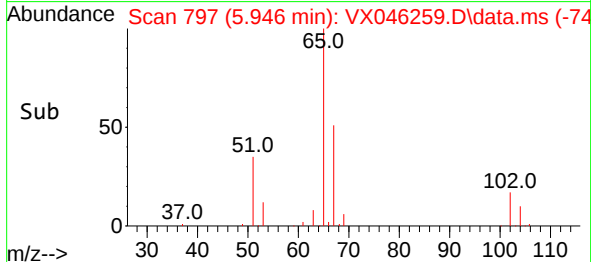
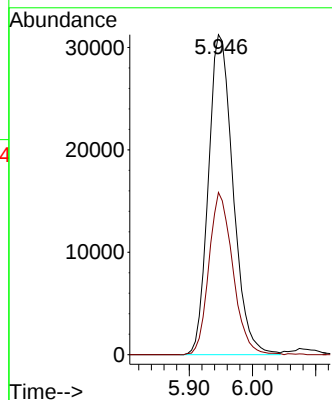
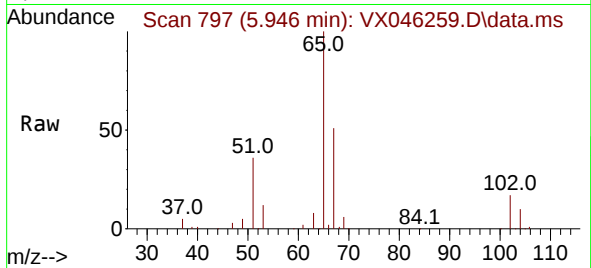
#33
 1,2-Dichloroethane-d4
 Concen: 52.028 ug/l
 RT: 5.946 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: VX046259.D
 Acq: 19 May 2025 11:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0519WBSD01

Tgt Ion: 65 Resp: 8464
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 99.0

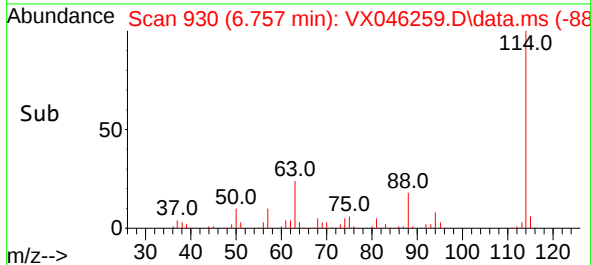
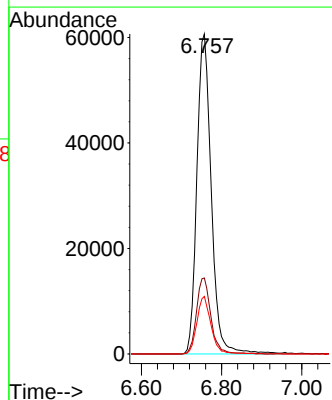
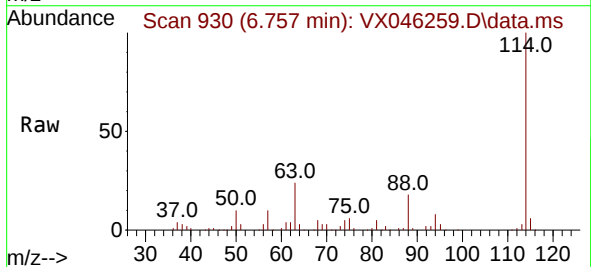
Manual Integrations
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Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX046259.D
 Acq: 19 May 2025 11:53

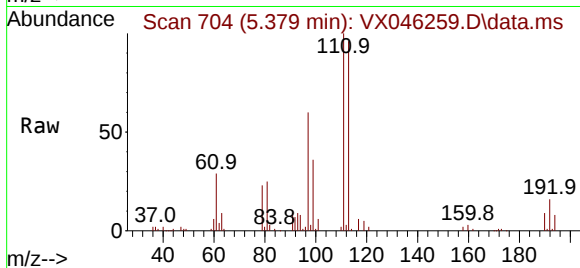
Tgt Ion:114 Resp: 150978
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 49.2
 88 18.0 0.0 33.6





#35
Dibromofluoromethane
Concen: 52.928 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

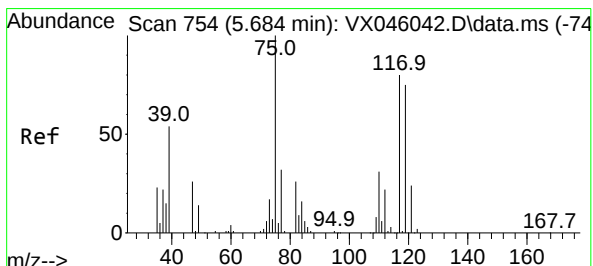
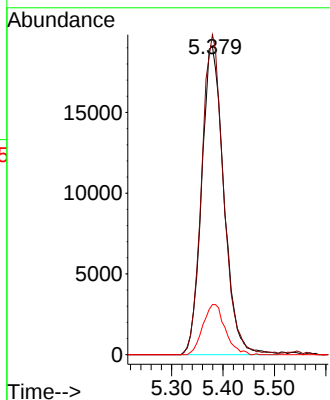
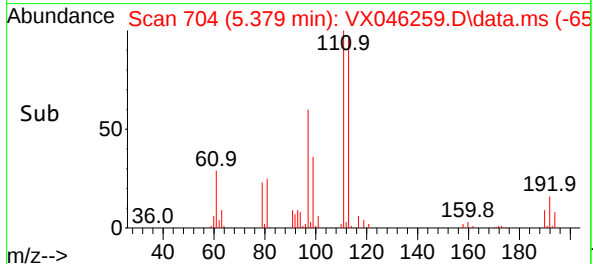
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01



Tgt Ion: 113 Resp: 5754
Ion Ratio Lower Upper
113 100
111 101.6 83.1 124.7
192 16.2 13.3 19.9

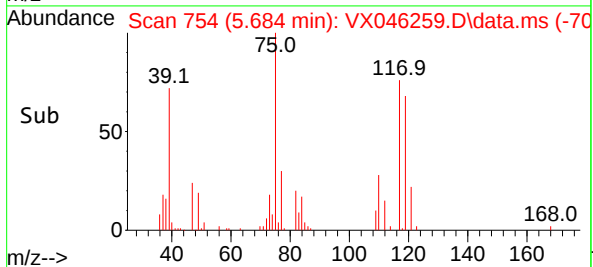
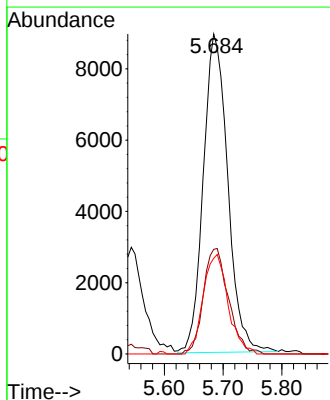
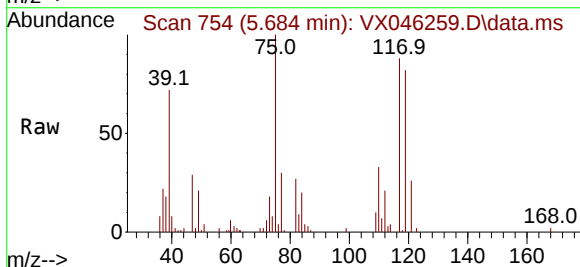
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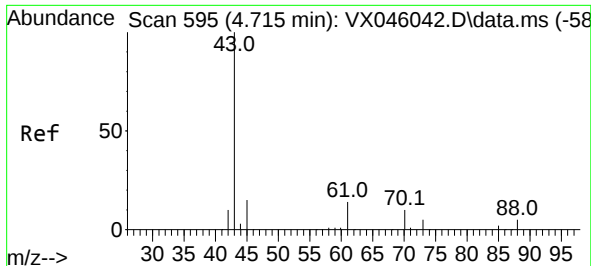
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#36
1,1-Dichloropropene
Concen: 17.728 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

Tgt Ion: 75 Resp: 25897
Ion Ratio Lower Upper
75 100
110 34.0 16.3 48.9
77 31.8 24.3 36.5





#37

Ethyl Acetate

Concen: 19.051 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX046259.D

Acq: 19 May 2025 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0519WBSD01

Tgt Ion: 43 Resp: 3438

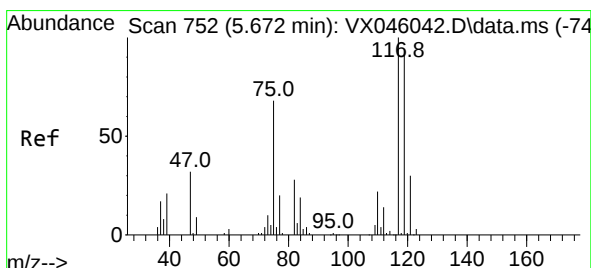
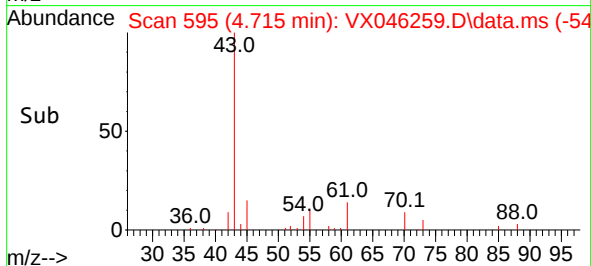
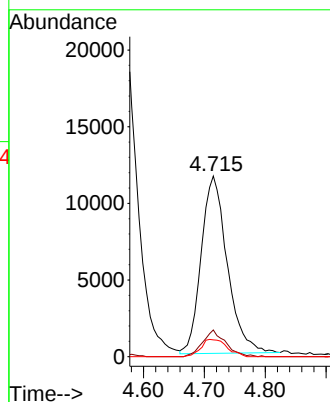
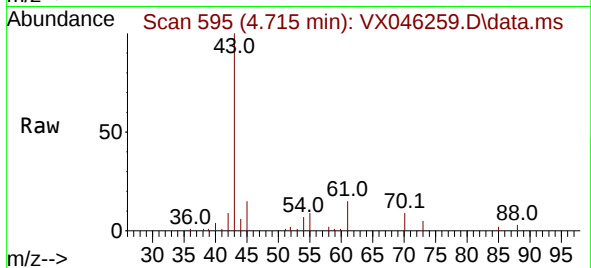
Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.3	15.5
70	9.7	7.9	11.9

Manual Integrations

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Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#38

Carbon Tetrachloride

Concen: 18.811 ug/l

RT: 5.672 min Scan# 752

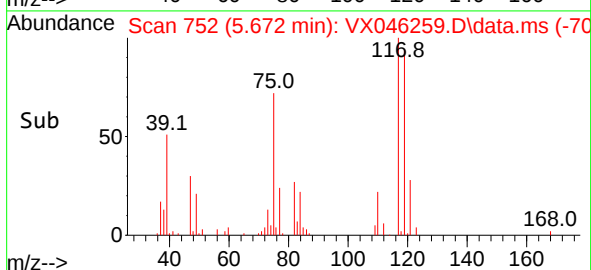
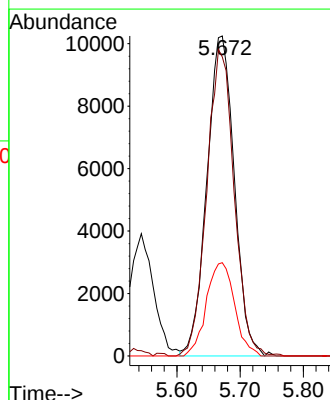
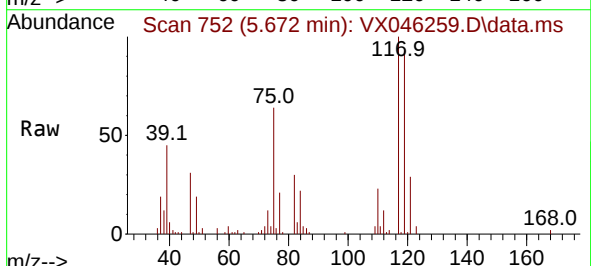
Delta R.T. 0.000 min

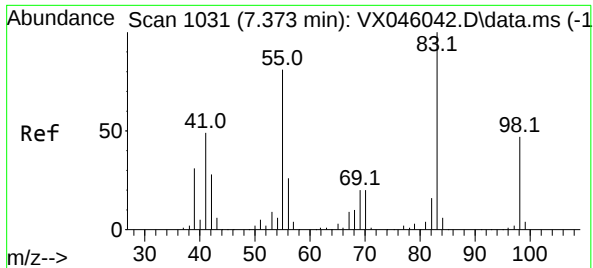
Lab File: VX046259.D

Acq: 19 May 2025 11:53

Tgt Ion:117 Resp: 30875

Ion	Ratio	Lower	Upper
117	100		
119	92.9	75.2	112.8
121	29.2	24.2	36.4





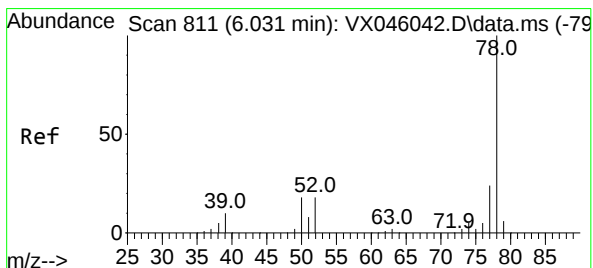
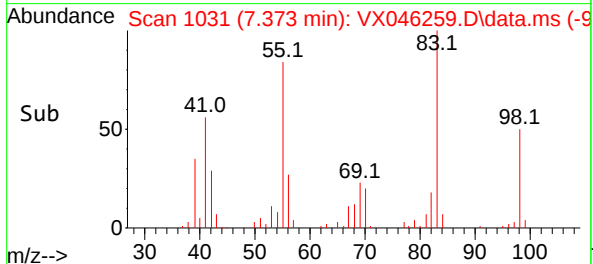
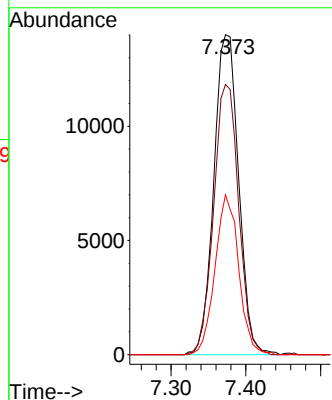
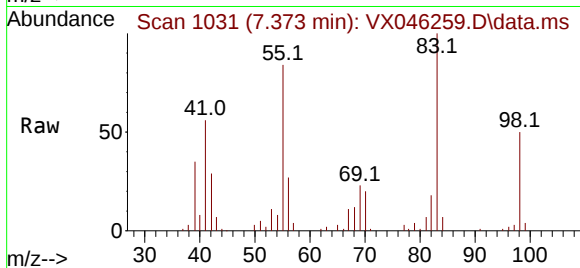
#39
Methylcyclohexane
Concen: 17.182 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01

Tgt Ion: 83 Resp: 3231
Ion Ratio Lower Upper
83 100
55 84.4 64.7 97.1
98 49.9 37.4 56.2

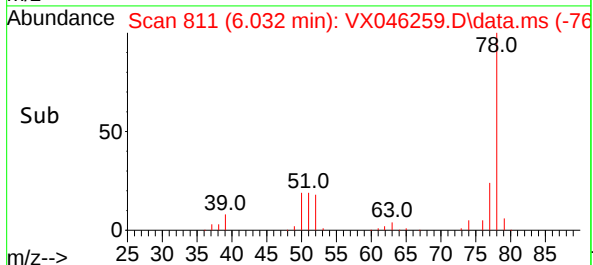
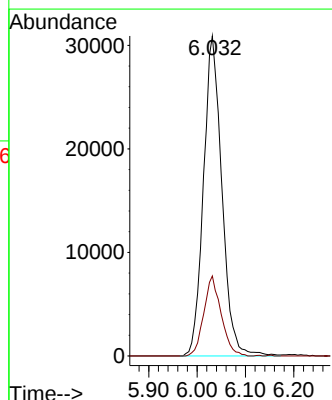
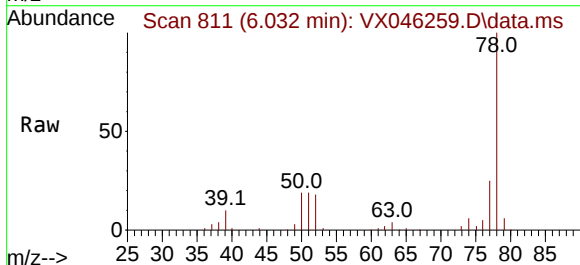
Manual Integrations
APPROVED

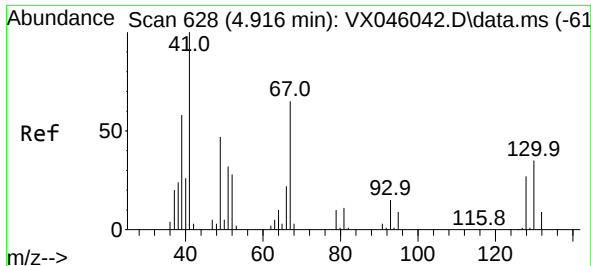
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#40
Benzene
Concen: 19.122 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

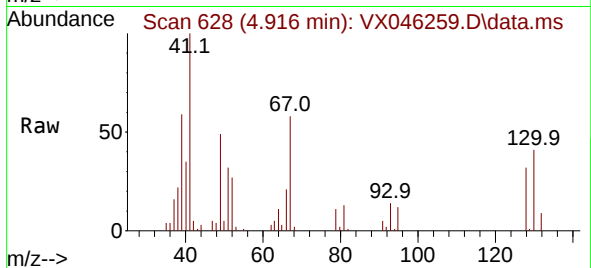
Tgt Ion: 78 Resp: 81819
Ion Ratio Lower Upper
78 100
77 25.0 19.0 28.4





#41
Methacrylonitrile
Concen: 21.579 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

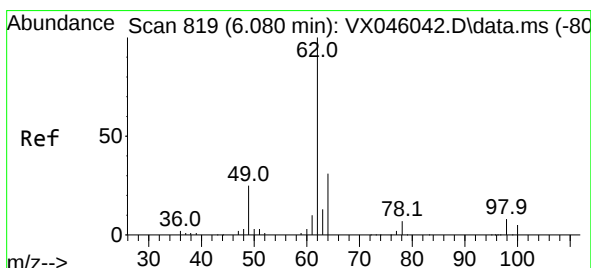
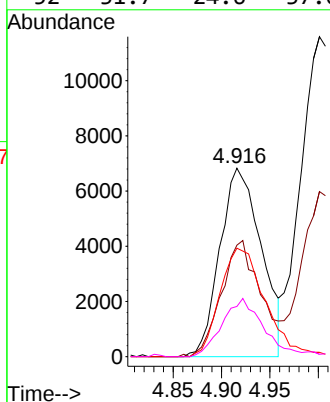
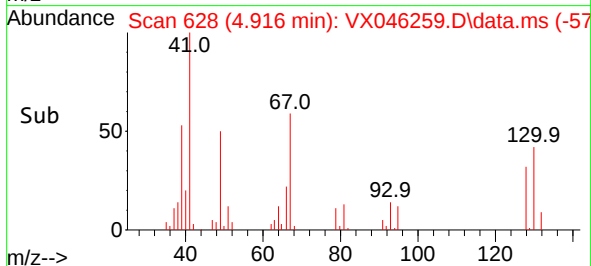
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01



Tgt Ion:	41	Resp:	2037
Ion Ratio	100	Lower	Upper
39	58.1	47.2	70.8
67	63.4	50.7	76.1
52	31.7	24.6	37.0

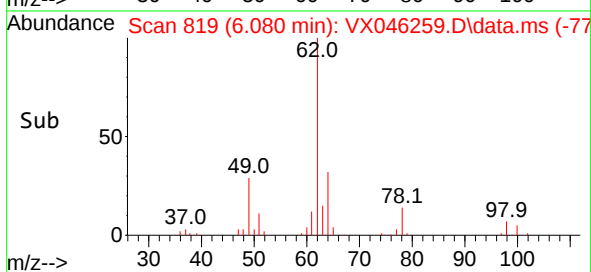
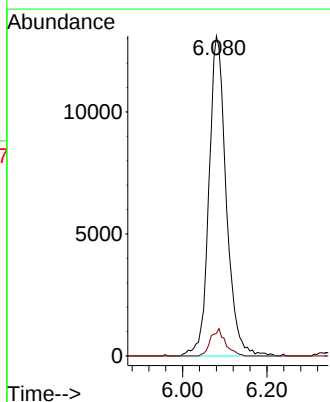
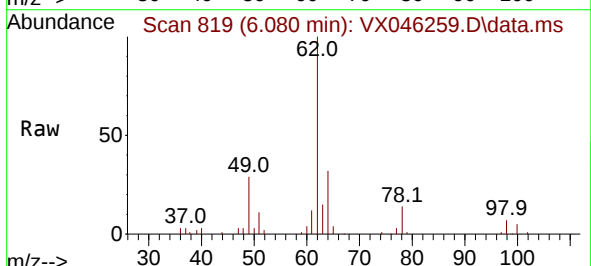
Manual Integrations
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Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#42
1,2-Dichloroethane
Concen: 20.267 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

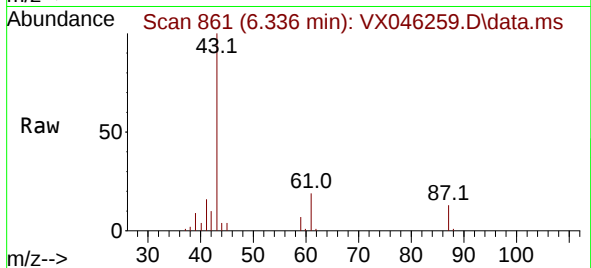
Tgt Ion:	62	Resp:	37427
Ion Ratio	100	Lower	Upper
98	7.3	0.0	15.2





#43
Isopropyl Acetate
Concen: 19.942 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

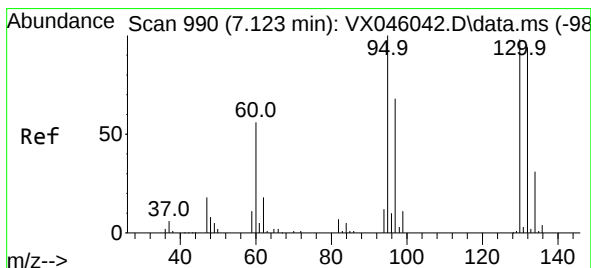
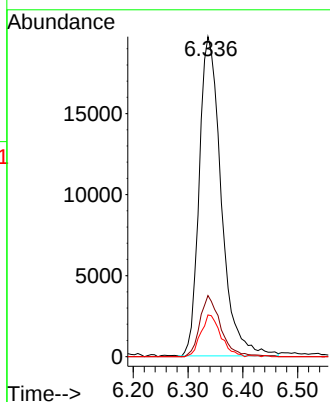
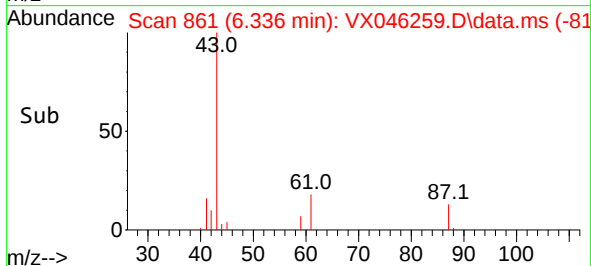
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01



Tgt Ion: 43 Resp: 5490
Ion Ratio Lower Upper
43 100
61 18.2 14.3 21.5
87 11.9 9.5 14.3

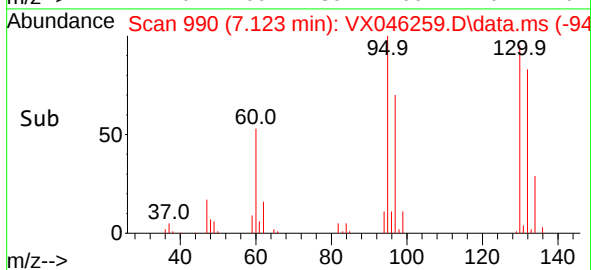
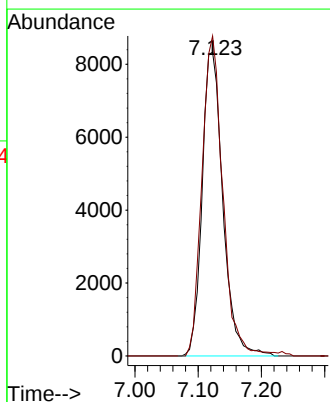
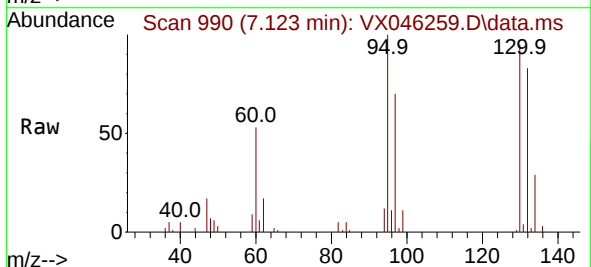
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#44
Trichloroethene
Concen: 18.558 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

Tgt Ion:130 Resp: 19111
Ion Ratio Lower Upper
130 100
95 105.4 0.0 204.2





#45

1,2-Dichloropropane

Concen: 18.675 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX046259.D

Acq: 19 May 2025 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0519WBSD01

Tgt Ion: 63 Resp: 1986

Ion Ratio Lower Upper

63 100

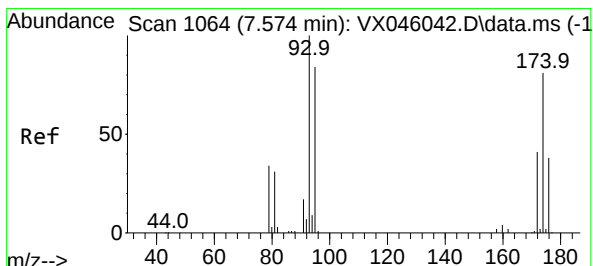
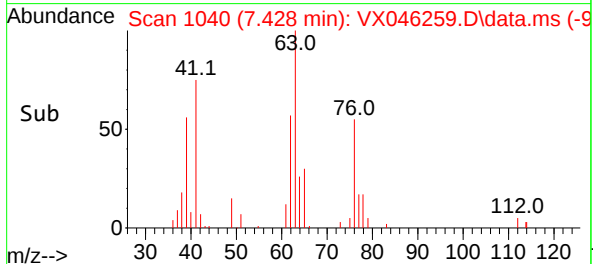
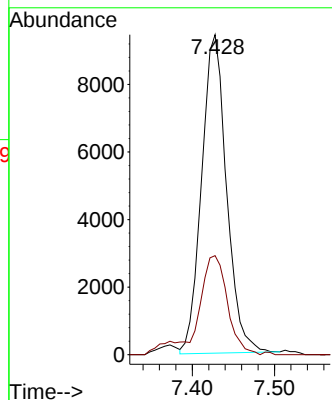
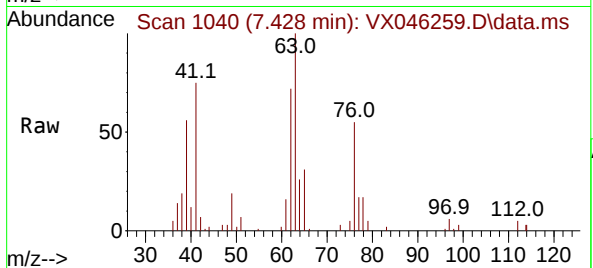
65 31.3 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#46

Dibromomethane

Concen: 19.843 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX046259.D

Acq: 19 May 2025 11:53

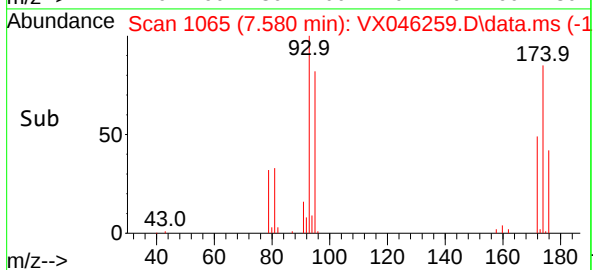
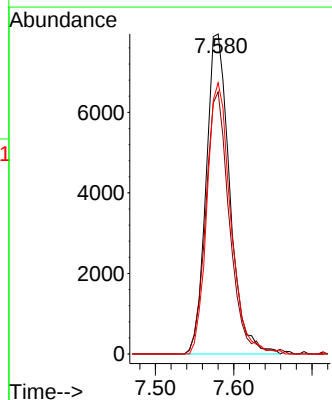
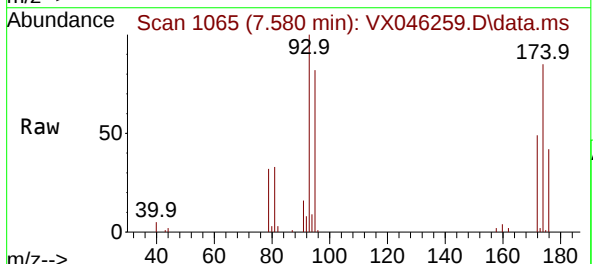
Tgt Ion: 93 Resp: 16651

Ion Ratio Lower Upper

93 100

95 82.5 65.6 98.4

174 85.0 68.2 102.2





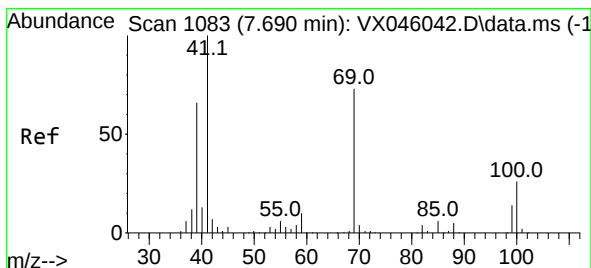
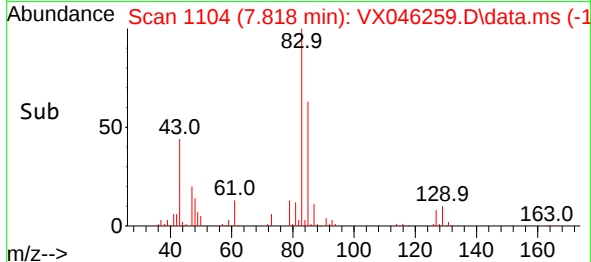
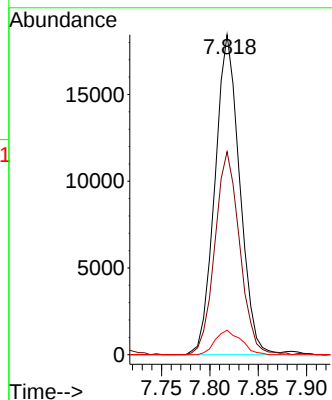
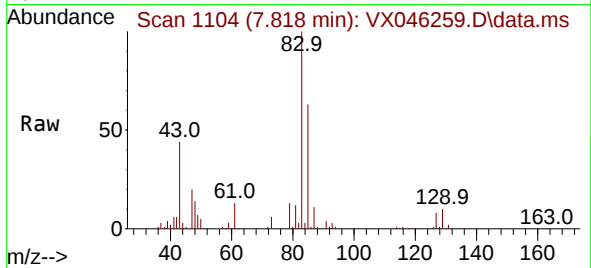
#47
Bromodichloromethane
Concen: 19.861 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01

Tgt Ion: 83 Resp: 32824
Ion Ratio Lower Upper
83 100
85 63.5 50.5 75.7
127 7.7 6.5 9.7

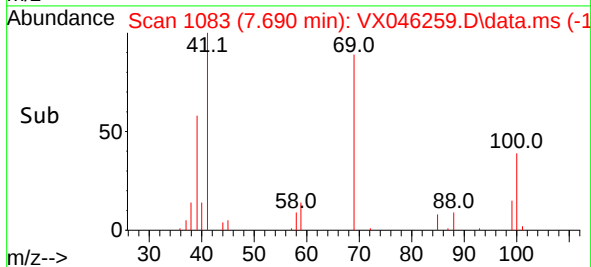
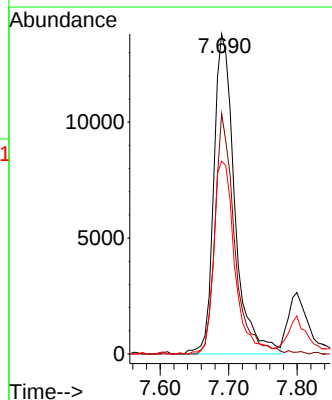
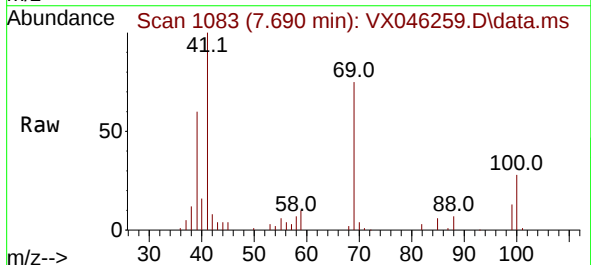
Manual Integrations
APPROVED

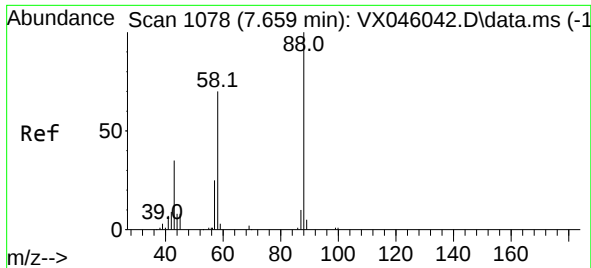
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#48
Methyl methacrylate
Concen: 20.760 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

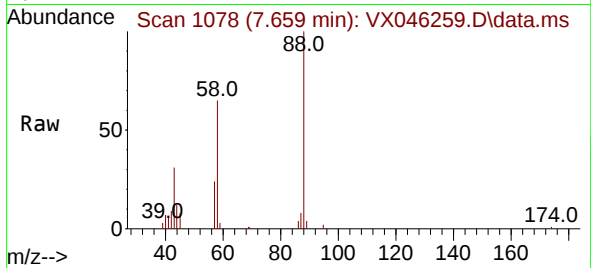
Tgt Ion: 41 Resp: 29191
Ion Ratio Lower Upper
41 100
69 69.6 58.5 87.7
39 60.7 51.7 77.5





#49
1,4-Dioxane
Concen: 421.933 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

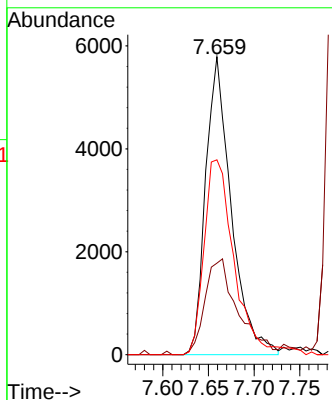
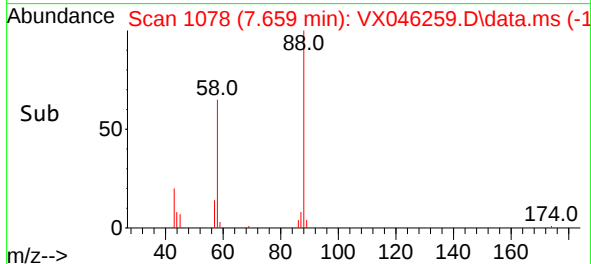
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01



Tgt Ion: 88 Resp: 1126
Ion Ratio Lower Upper
88 100
43 41.1 33.4 50.2
58 77.2 58.6 88.0

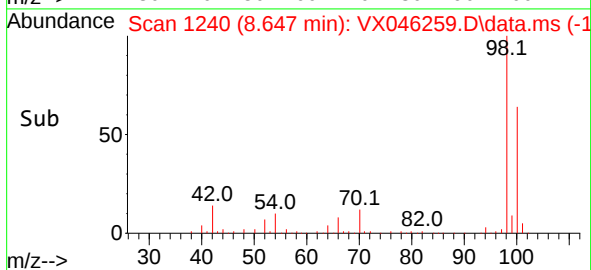
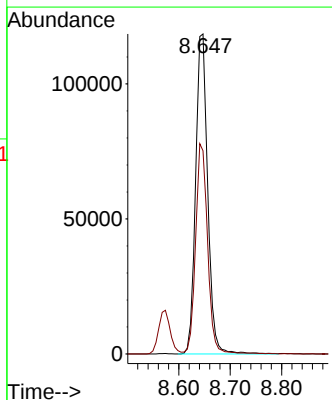
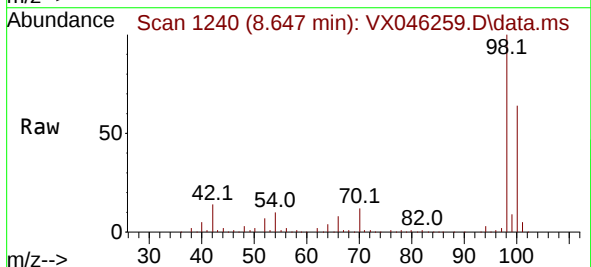
Manual Integrations
APPROVED

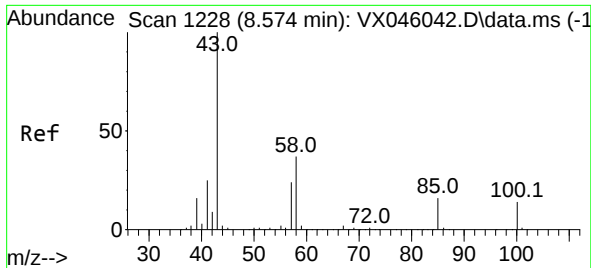
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#50
Toluene-d8
Concen: 51.356 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

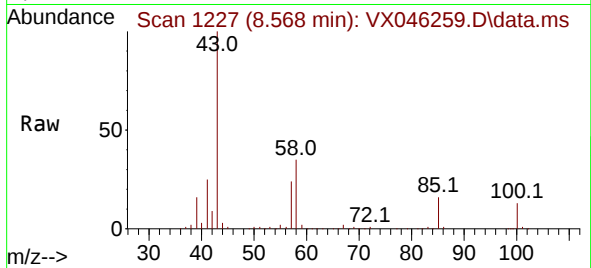
Tgt Ion: 98 Resp: 193249
Ion Ratio Lower Upper
98 100
100 65.2 53.5 80.3





#51
4-Methyl-2-Pentanone
Concen: 104.221 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

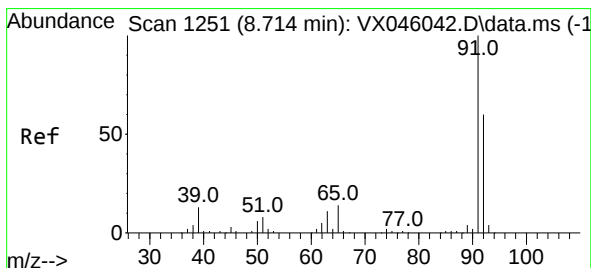
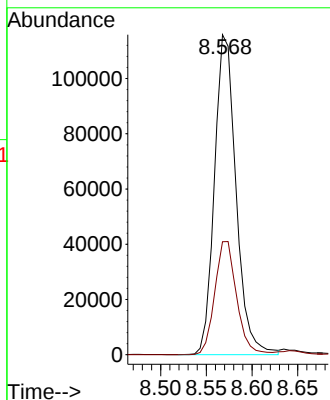
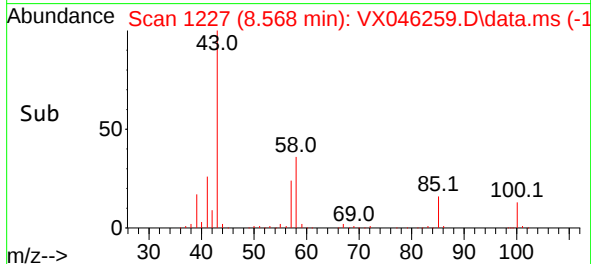
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01



Tgt Ion: 43 Resp: 19047
Ion Ratio Lower Upper
43 100
58 35.9 28.9 43.3

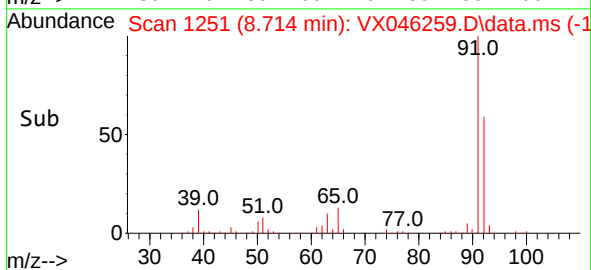
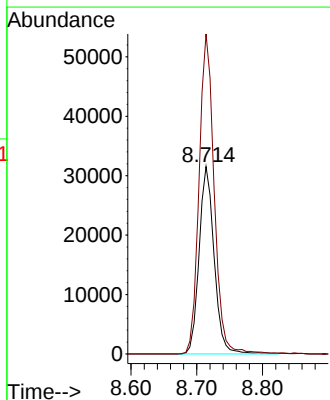
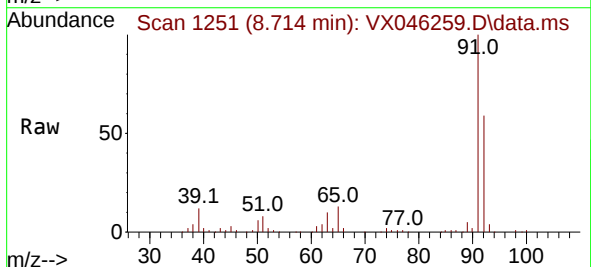
Manual Integrations
APPROVED

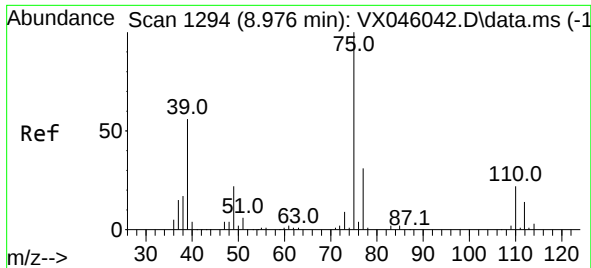
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#52
Toluene
Concen: 19.148 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

Tgt Ion: 92 Resp: 50238
Ion Ratio Lower Upper
92 100
91 171.8 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 18.815 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX046259.D

Acq: 19 May 2025 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0519WBSD01

Tgt Ion: 75 Resp: 27640

Ion Ratio Lower Upper

75 100

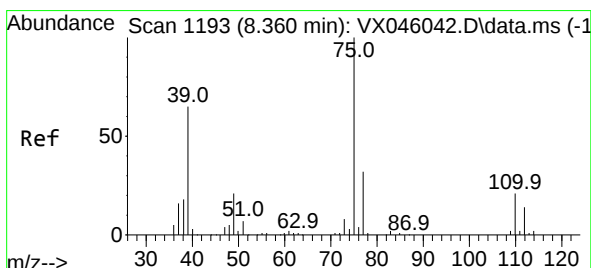
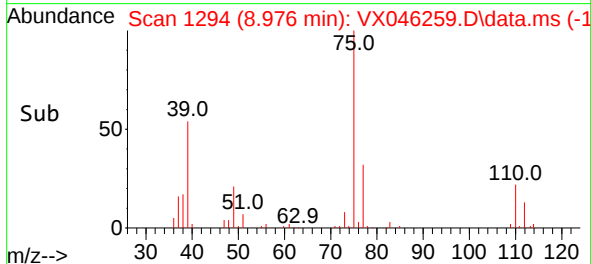
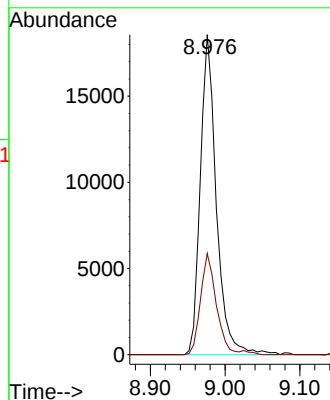
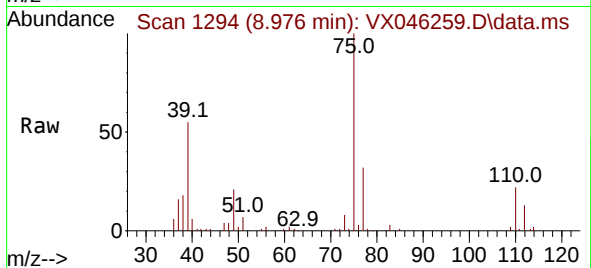
77 31.6 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#54

cis-1,3-Dichloropropene

Concen: 19.329 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX046259.D

Acq: 19 May 2025 11:53

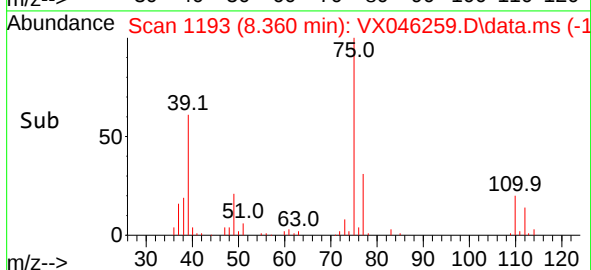
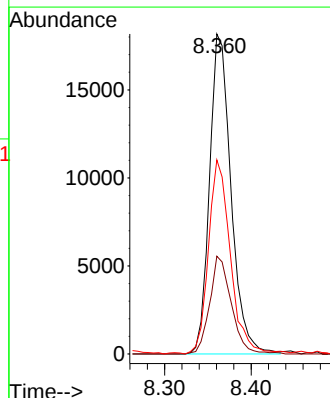
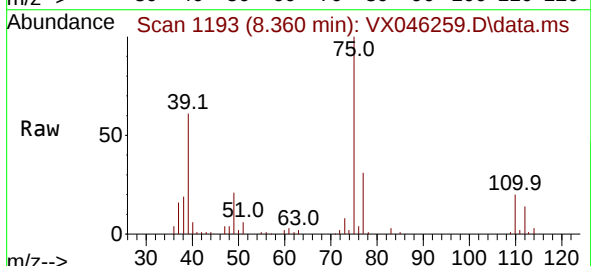
Tgt Ion: 75 Resp: 31384

Ion Ratio Lower Upper

75 100

77 30.6 25.4 38.0

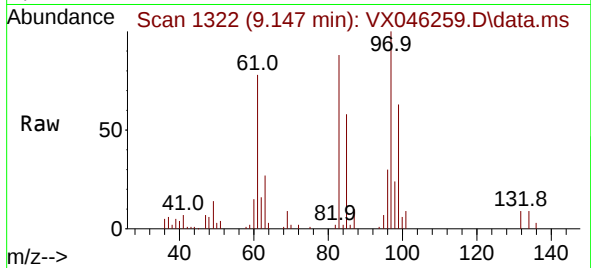
39 60.4 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 20.302 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

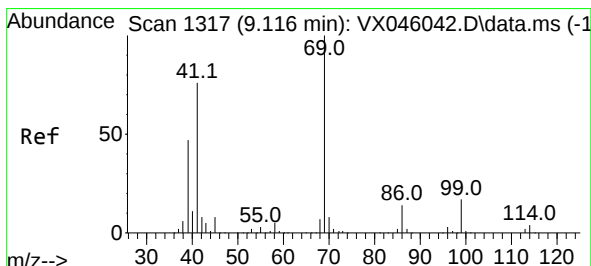
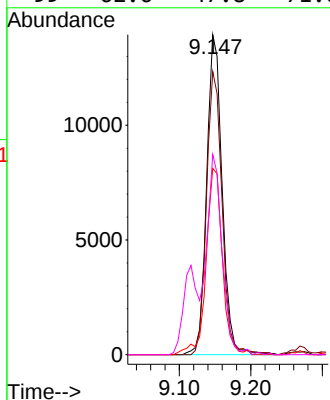
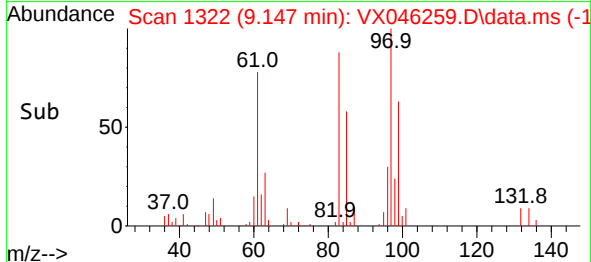
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.4	69.0	103.6
85	58.2	44.3	66.5
99	62.6	47.8	71.6

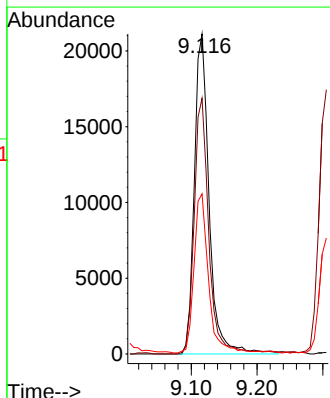
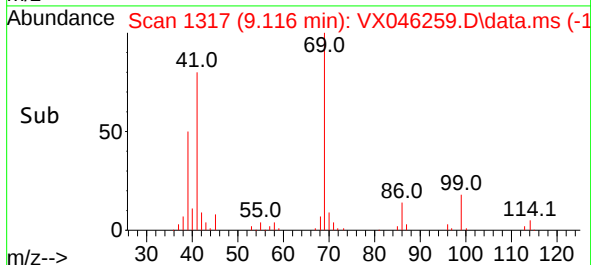
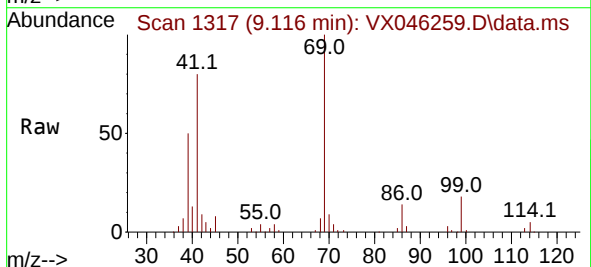
Manual Integrations
APPROVED

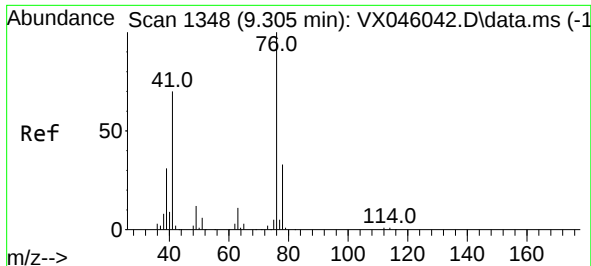
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#56
Ethyl methacrylate
Concen: 20.001 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

Tgt Ion	Ratio	Lower	Upper
69	100		
41	78.3	60.8	91.2
39	48.7	39.0	58.6





#57

1,3-Dichloropropane

Concen: 20.035 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX046259.D

Acq: 19 May 2025 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0519WBSD01

Tgt Ion: 76 Resp: 3722

Ion Ratio Lower Upper

76 100

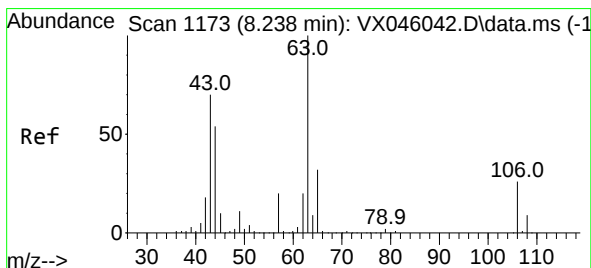
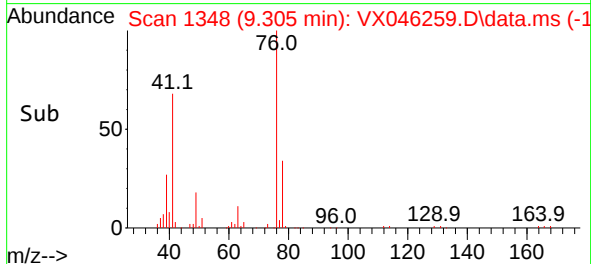
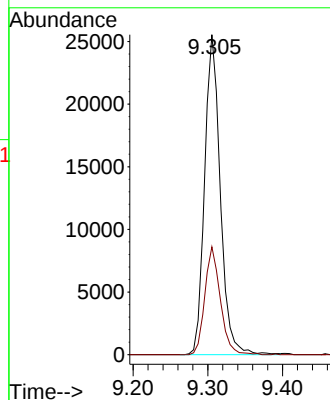
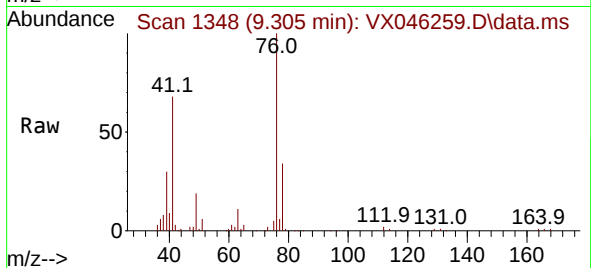
78 33.3 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 96.930 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX046259.D

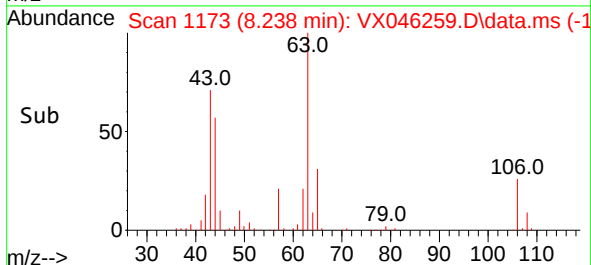
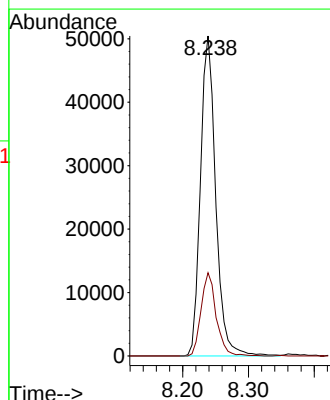
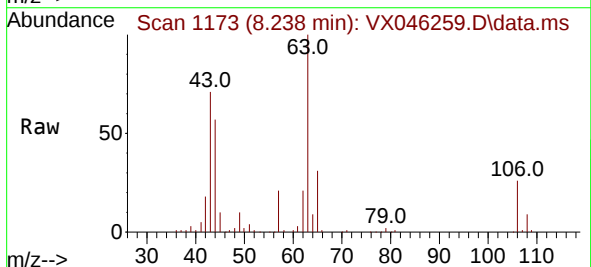
Acq: 19 May 2025 11:53

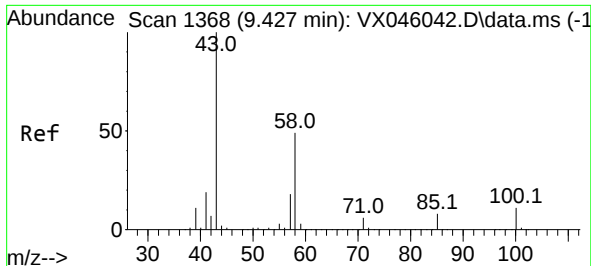
Tgt Ion: 63 Resp: 81477

Ion Ratio Lower Upper

63 100

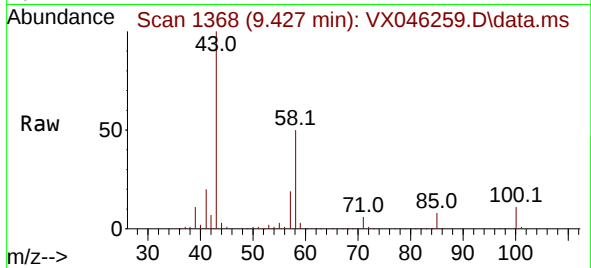
106 25.8 21.5 32.3





#59
2-Hexanone
Concen: 106.109 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

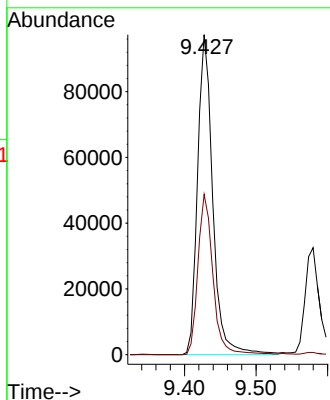
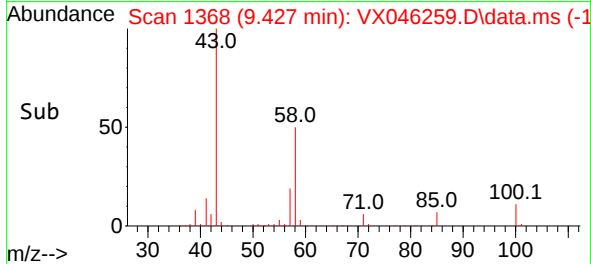
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01



Tgt Ion: 43 Resp: 143472
Ion Ratio Lower Upper
43 100
58 49.5 24.9 74.6

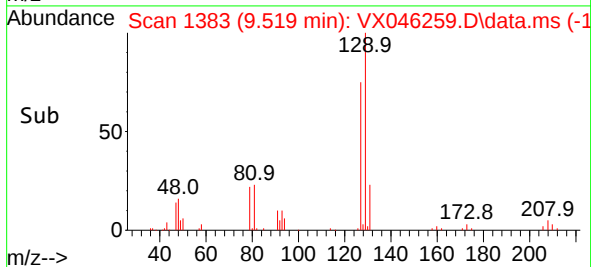
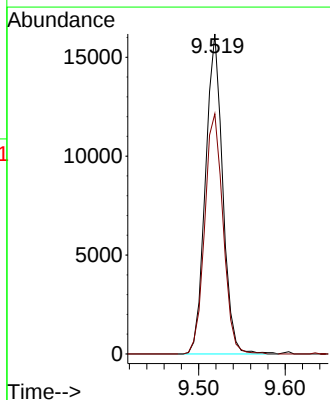
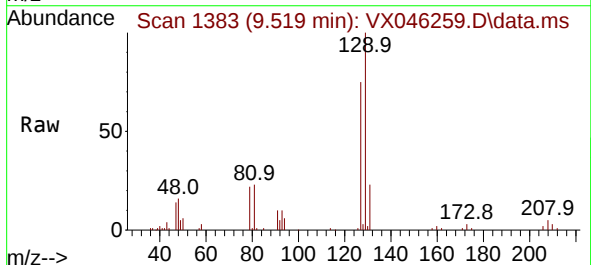
Manual Integrations
APPROVED

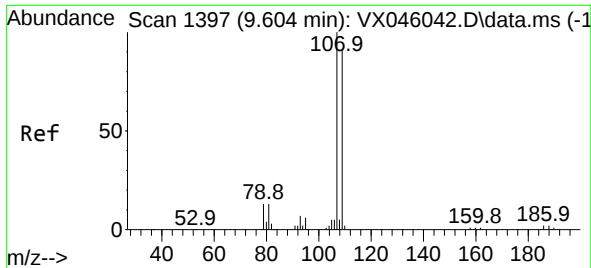
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#60
Dibromochloromethane
Concen: 19.660 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

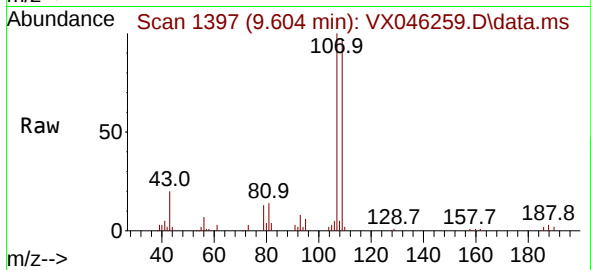
Tgt Ion:129 Resp: 22336
Ion Ratio Lower Upper
129 100
127 80.0 39.3 117.8





#61
1,2-Dibromoethane
Concen: 20.209 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

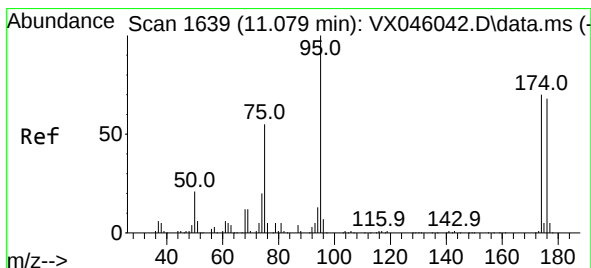
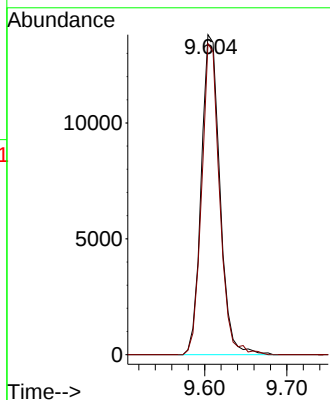
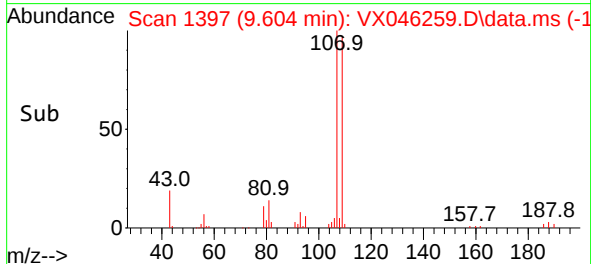
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01



Tgt Ion:107 Resp: 21729
Ion Ratio Lower Upper
107 100
109 93.5 73.3 109.9

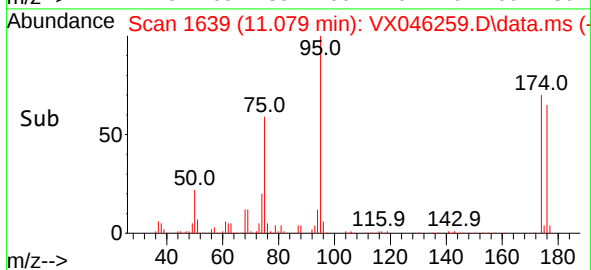
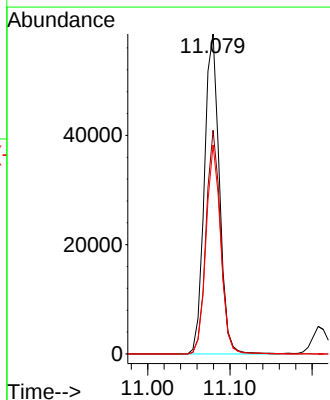
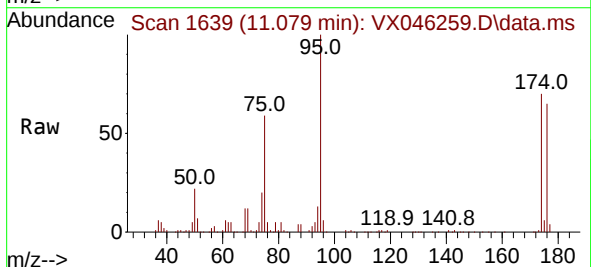
Manual Integrations
APPROVED

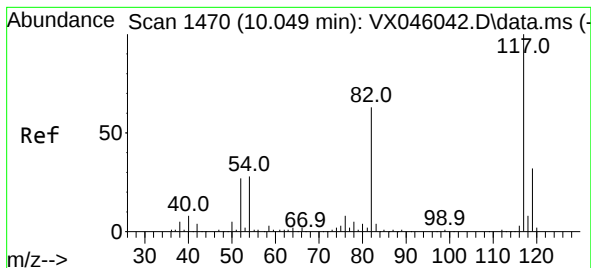
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#62
4-Bromofluorobenzene
Concen: 51.497 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

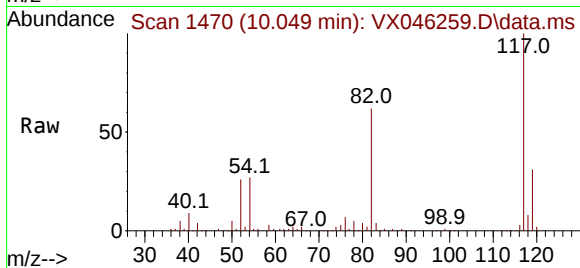
Tgt Ion: 95 Resp: 74331
Ion Ratio Lower Upper
95 100
174 67.7 0.0 135.8
176 63.7 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

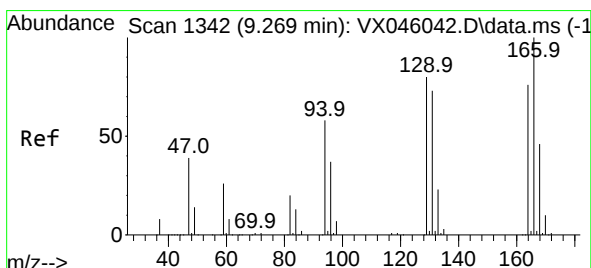
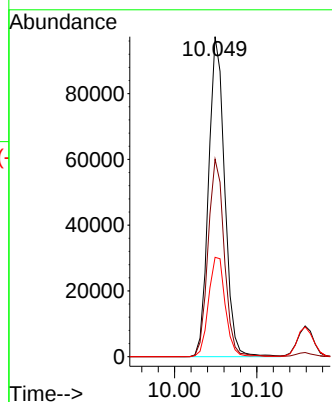
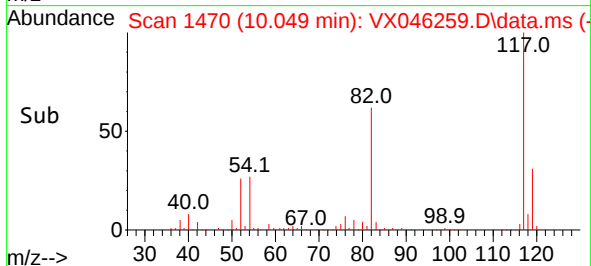
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01



Tgt Ion:117 Resp: 132315
Ion Ratio Lower Upper
117 100
82 61.7 50.6 76.0
119 31.0 25.8 38.6

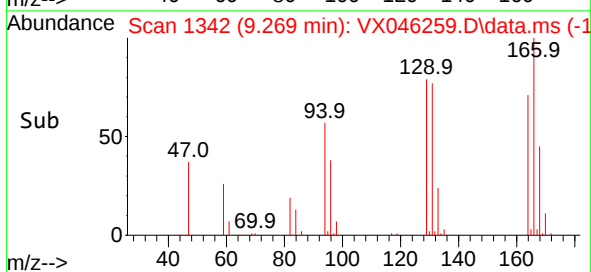
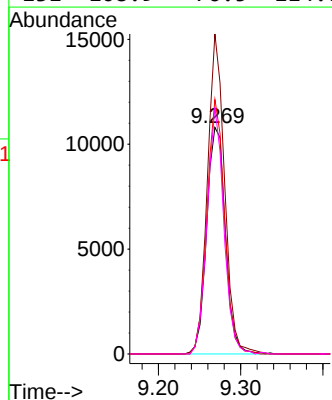
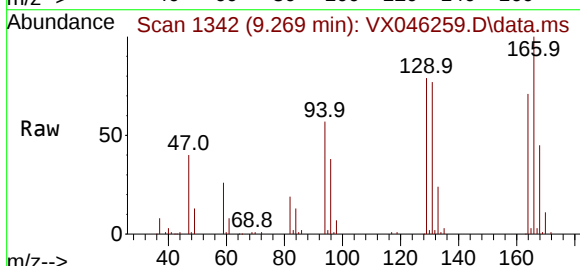
Manual Integrations
APPROVED

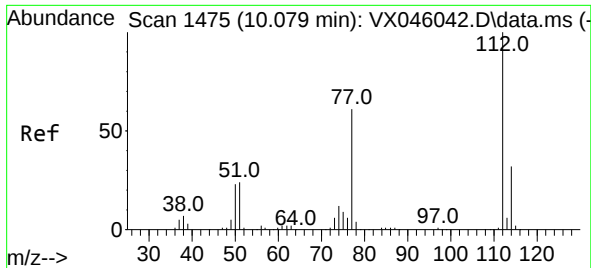
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#64
Tetrachloroethene
Concen: 18.237 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

Tgt Ion:164 Resp: 17073
Ion Ratio Lower Upper
164 100
166 141.3 105.0 157.6
129 112.3 83.5 125.3
131 108.9 76.5 114.7





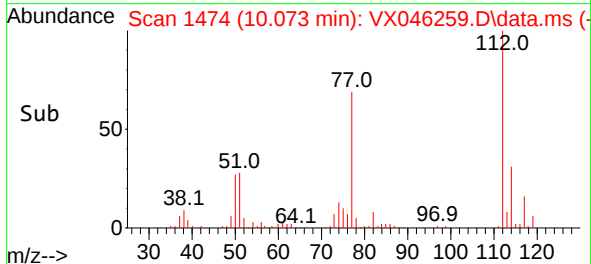
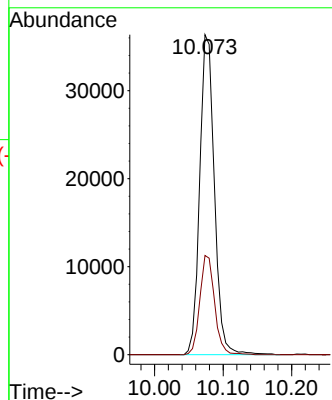
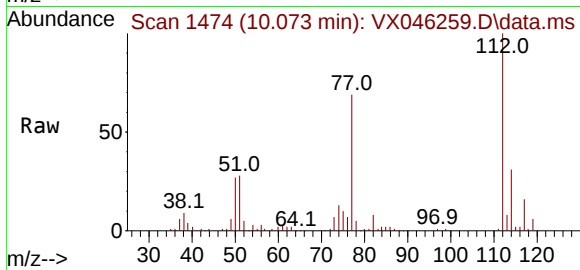
#65
Chlorobenzene
Concen: 18.735 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01

Tgt Ion:112 Resp: 54250
Ion Ratio Lower Upper
112 100
114 31.0 25.4 38.2

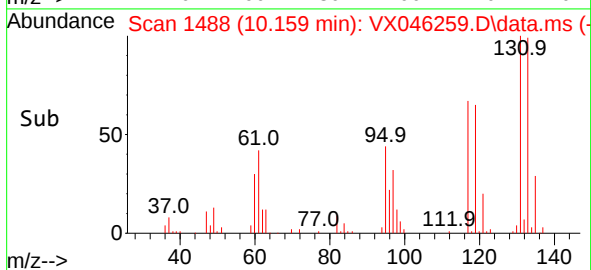
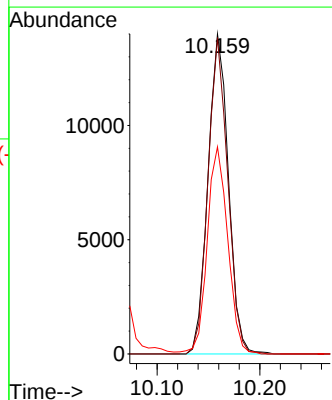
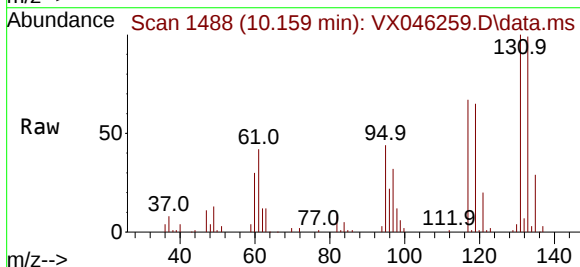
Manual Integrations
APPROVED

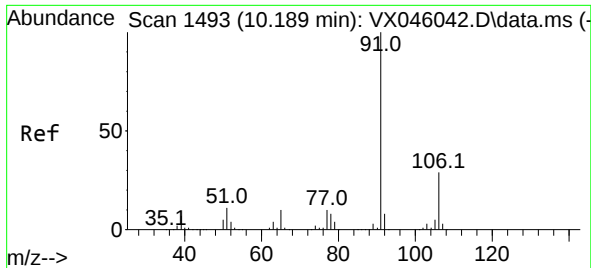
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.582 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

Tgt Ion:131 Resp: 19365
Ion Ratio Lower Upper
131 100
133 95.4 47.3 141.9
119 65.0 31.6 95.0





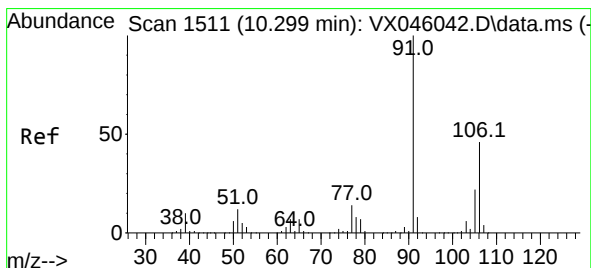
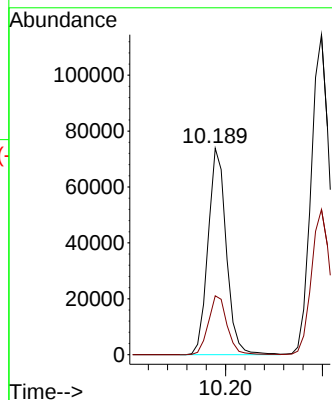
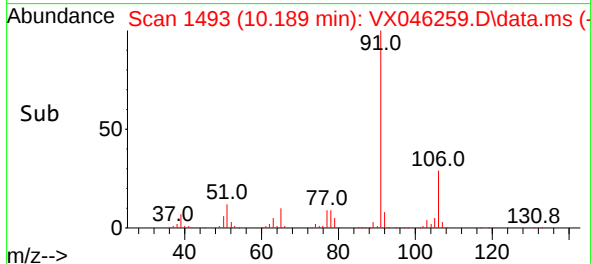
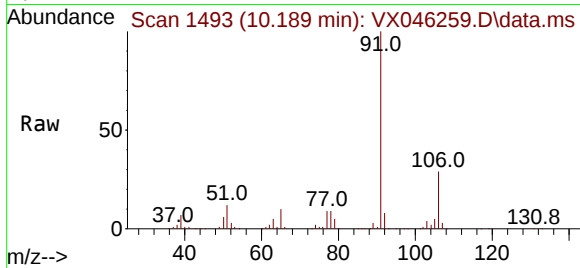
#67
Ethyl Benzene
Concen: 18.975 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01

Tgt Ion: 91 Resp: 9686
Ion Ratio Lower Upper
91 100
106 28.5 23.4 35.2

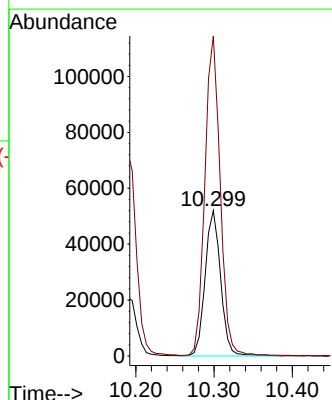
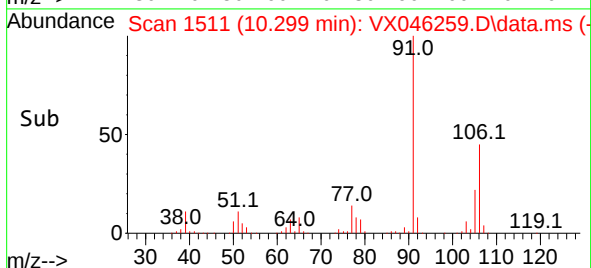
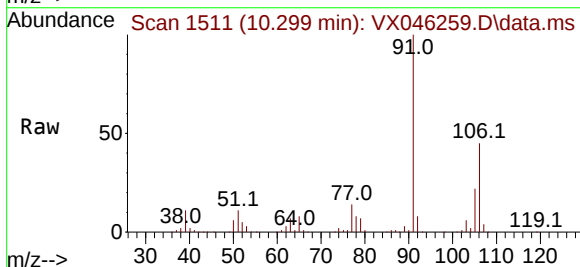
Manual Integrations
APPROVED

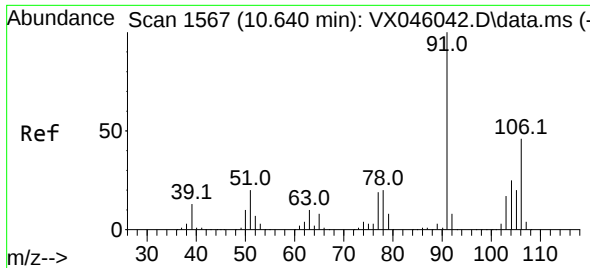
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#68
m/p-Xylenes
Concen: 38.234 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

Tgt Ion:106 Resp: 71386
Ion Ratio Lower Upper
106 100
91 218.1 171.2 256.8





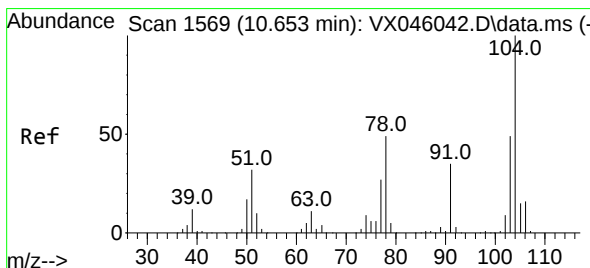
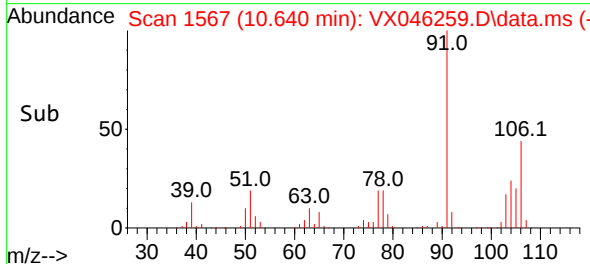
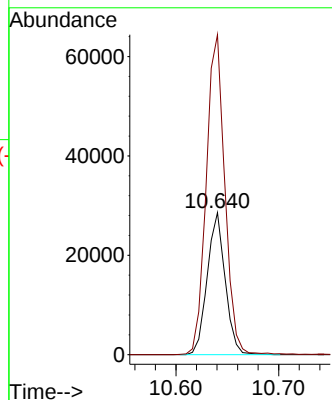
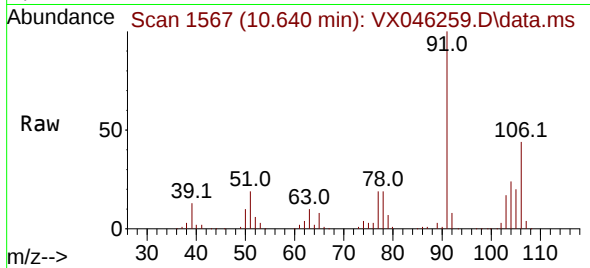
#69
o-Xylene
Concen: 19.075 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01

Tgt Ion:106 Resp: 3472
Ion Ratio Lower Upper
106 100
91 233.9 112.7 338.1

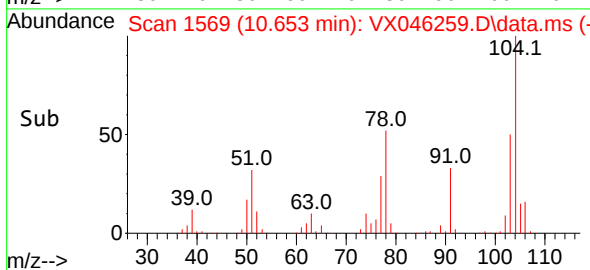
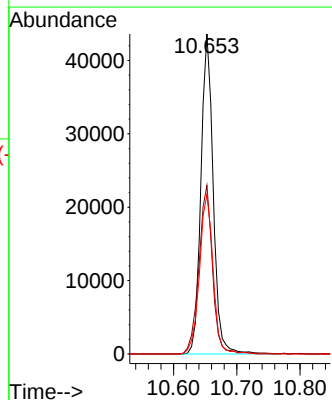
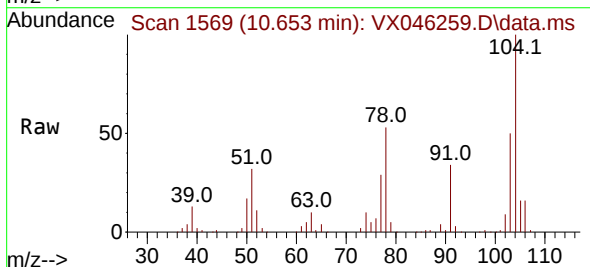
Manual Integrations
APPROVED

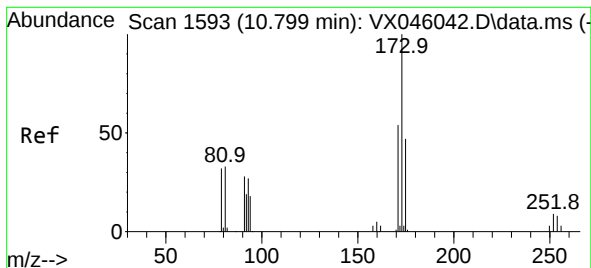
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#70
Styrene
Concen: 19.800 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

Tgt Ion:104 Resp: 59040
Ion Ratio Lower Upper
104 100
78 58.3 45.7 68.5
103 55.4 43.7 65.5





#71

Bromoform

Concen: 19.243 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX046259.D

Acq: 19 May 2025 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0519WBSD01

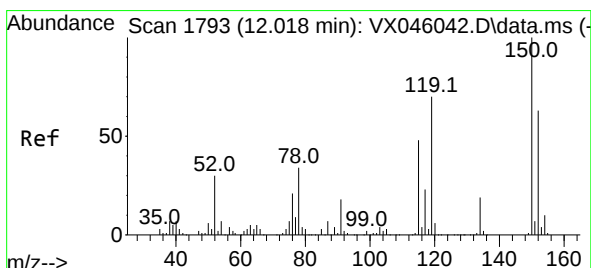
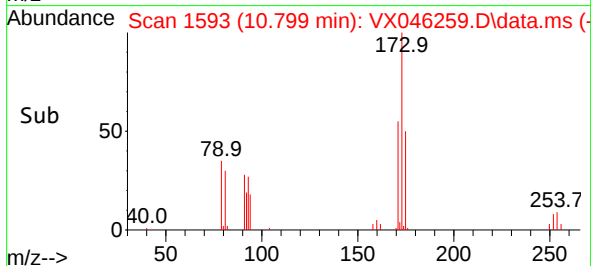
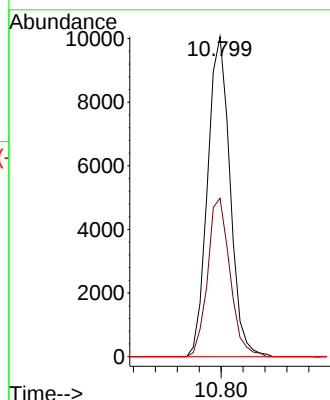
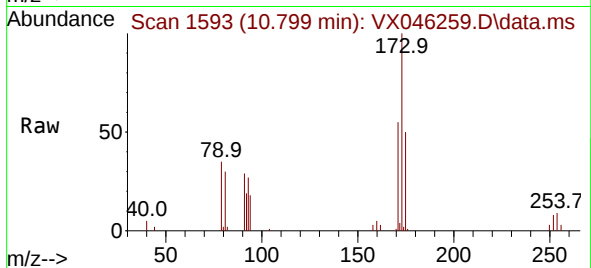
Tgt Ion:	173	Resp:	1428
Ion Ratio	Lower	Upper	
173	100		
175	49.4	23.4	70.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

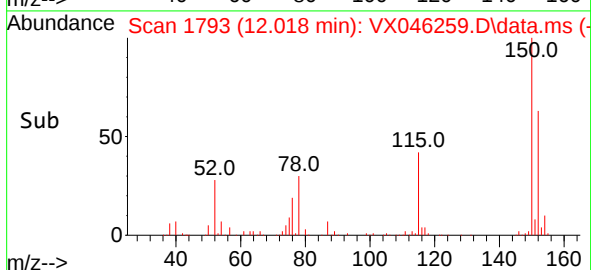
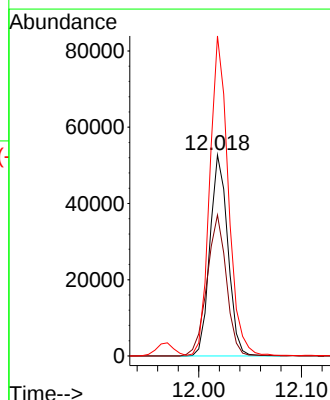
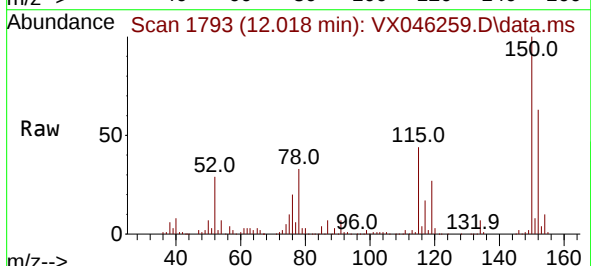
RT: 12.018 min Scan# 1793

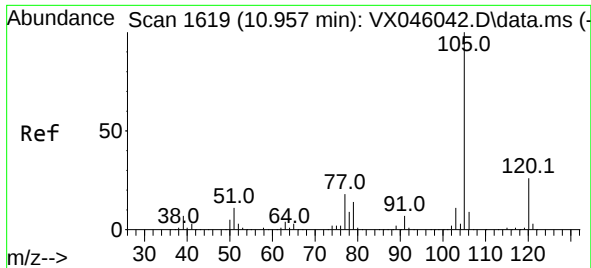
Delta R.T. 0.000 min

Lab File: VX046259.D

Acq: 19 May 2025 11:53

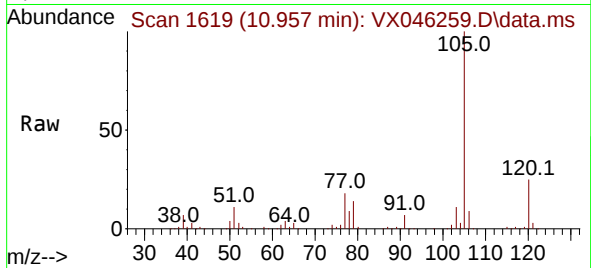
Tgt Ion:	152	Resp:	63585
Ion Ratio	Lower	Upper	
152	100		
115	76.3	46.9	140.7
150	164.8	0.0	351.0





#73
Isopropylbenzene
Concen: 19.152 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

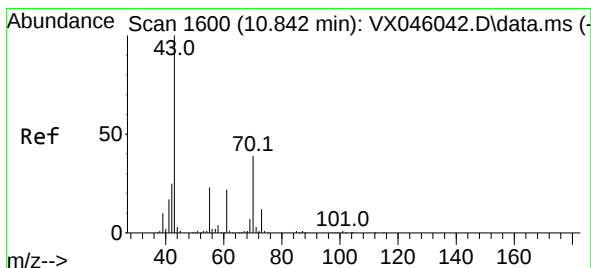
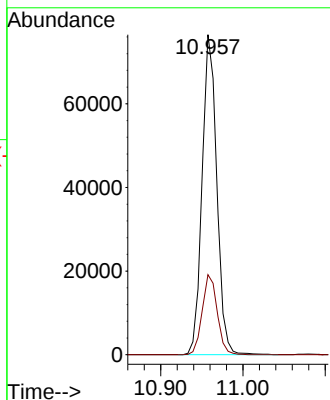
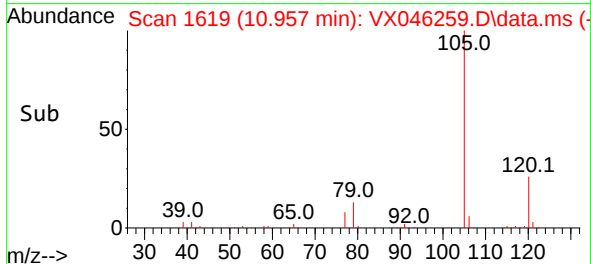
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01



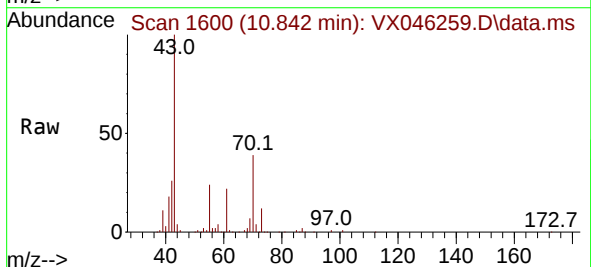
Tgt Ion:105 Resp: 94808
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.4

Manual Integrations
APPROVED

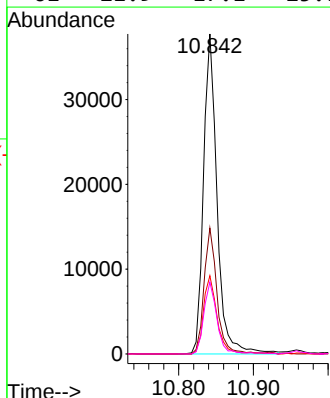
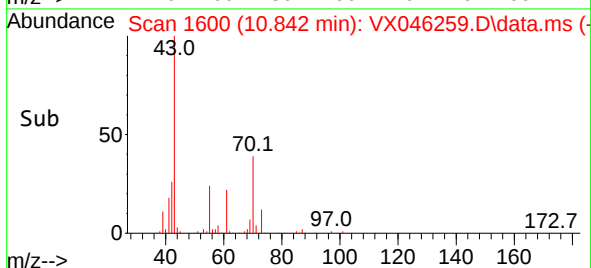
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

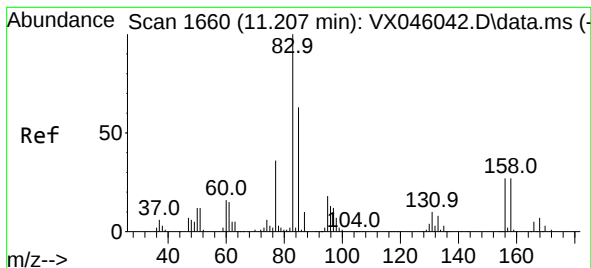


#74
N-ethyl acetate
Concen: 19.427 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53



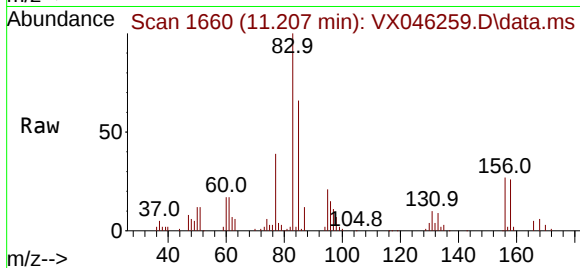
Tgt Ion: 43 Resp: 47522
Ion Ratio Lower Upper
43 100
70 37.6 30.9 46.3
55 24.6 18.7 28.1
61 21.9 17.1 25.7





#75
1,1,2,2-Tetrachloroethane
Concen: 19.512 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

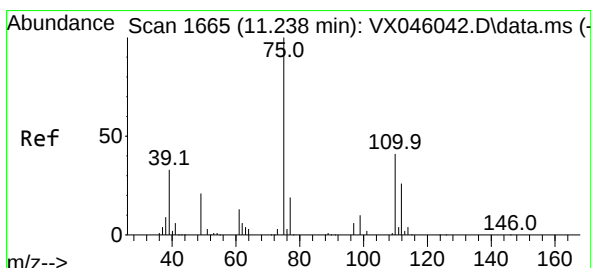
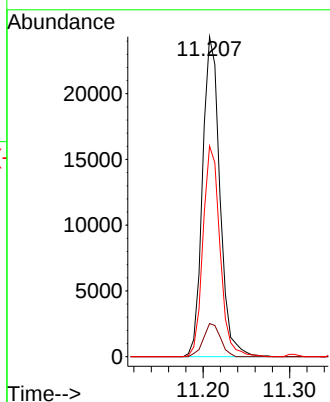
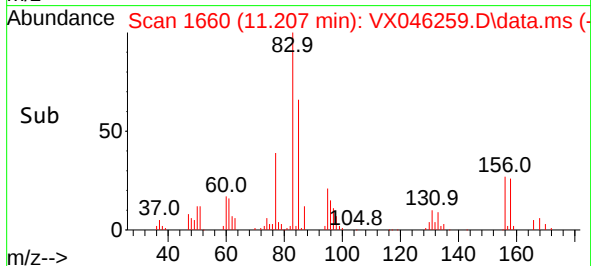
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01



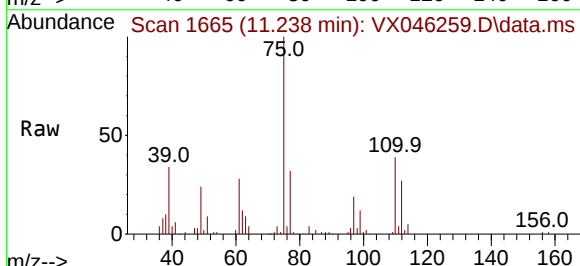
Tgt Ion: 83 Resp: 33849
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 64.5 31.9 95.7

Manual Integrations
APPROVED

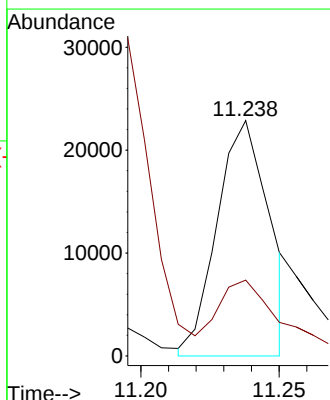
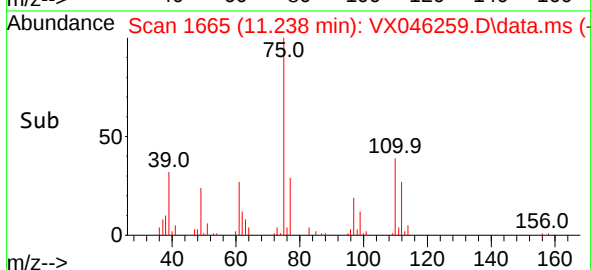
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

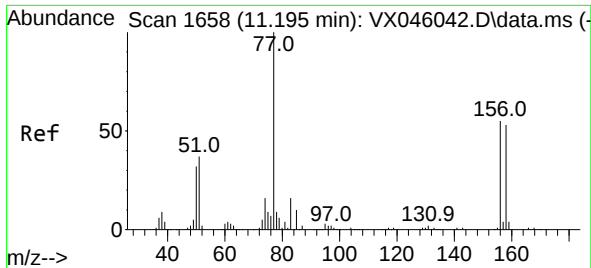


#76
1,2,3-Trichloropropane
Concen: 19.523 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53



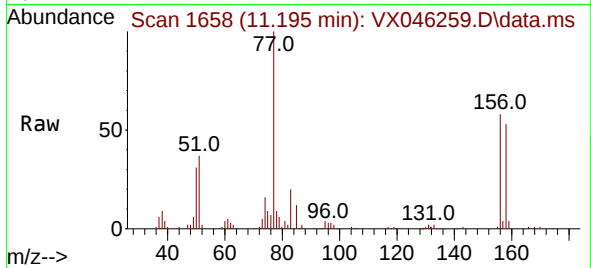
Tgt Ion: 75 Resp: 29880
Ion Ratio Lower Upper
75 100
77 39.7 20.5 61.5





#77
Bromobenzene
Concen: 19.381 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

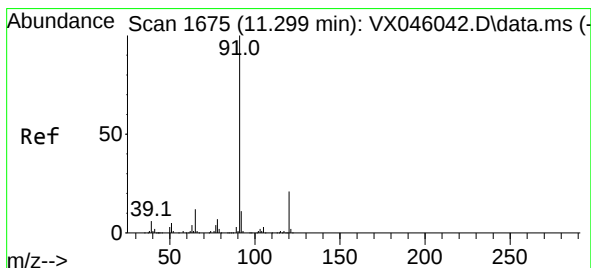
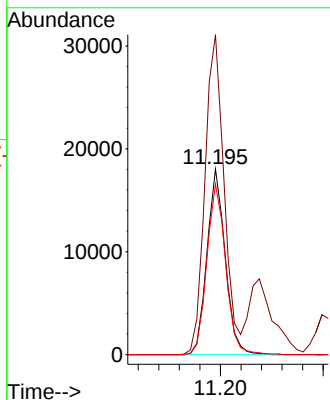
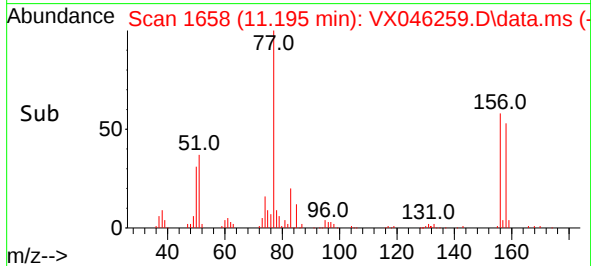
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01



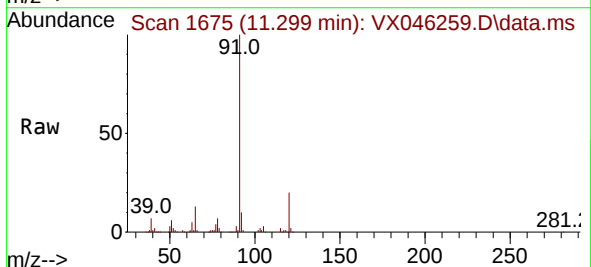
Tgt Ion:156 Resp: 22274
Ion Ratio Lower Upper
156 100
77 180.3 92.8 278.3
158 94.5 48.8 146.3

Manual Integrations
APPROVED

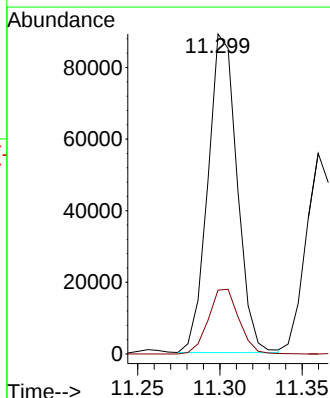
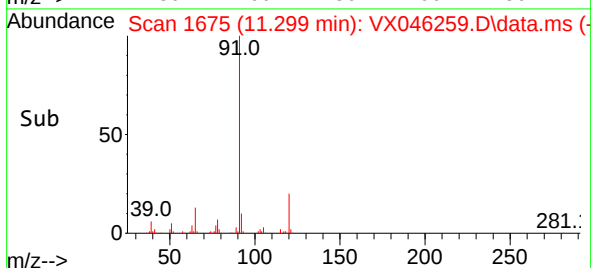
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#78
n-propylbenzene
Concen: 19.125 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53



Tgt Ion: 91 Resp: 110079
Ion Ratio Lower Upper
91 100
120 21.2 10.8 32.4





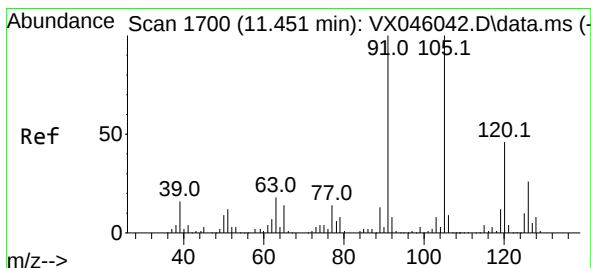
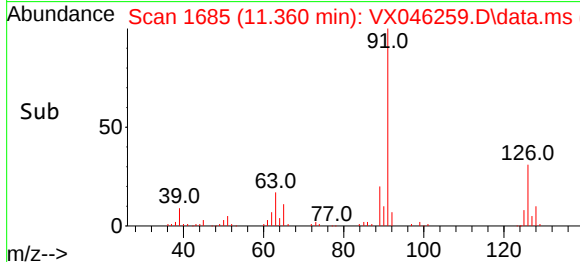
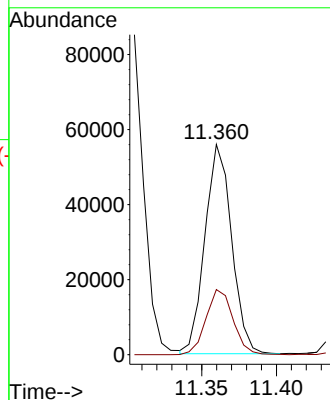
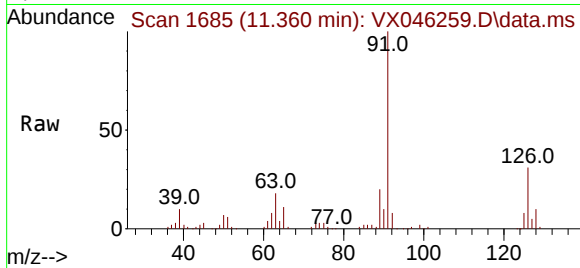
#79
2-Chlorotoluene
Concen: 18.661 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01

Tgt Ion: 91 Resp: 6928
Ion Ratio Lower Upper
91 100
126 31.6 15.6 46.7

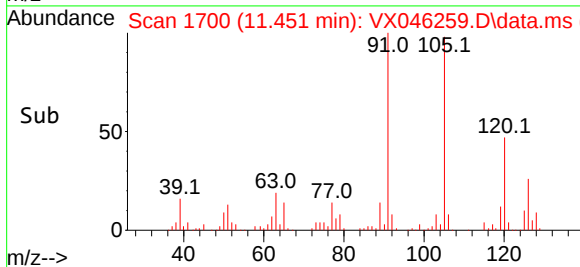
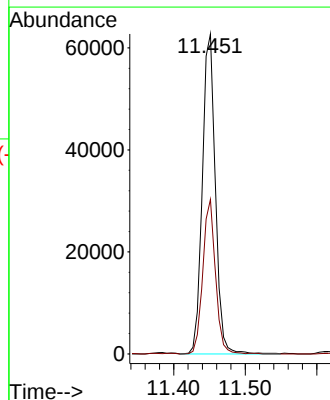
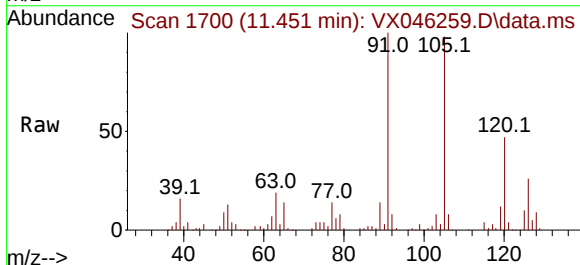
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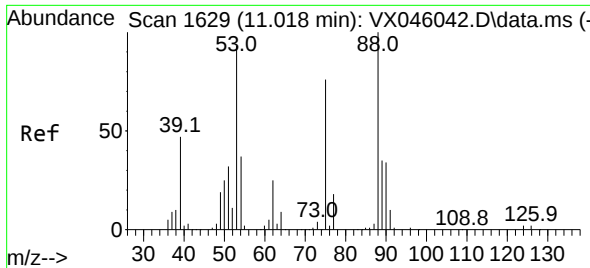
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.221 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

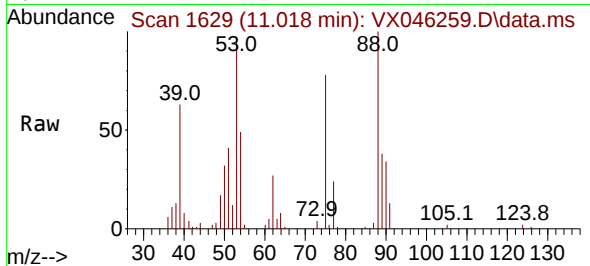
Tgt Ion:105 Resp: 79492
Ion Ratio Lower Upper
105 100
120 46.9 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 16.632 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

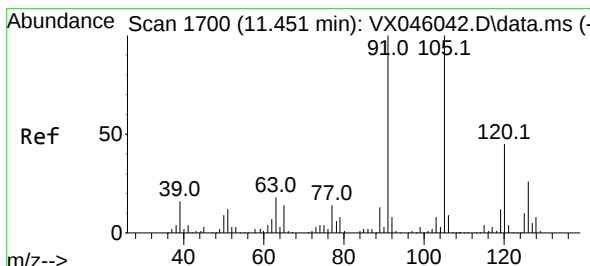
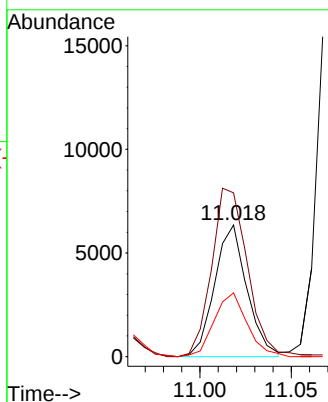
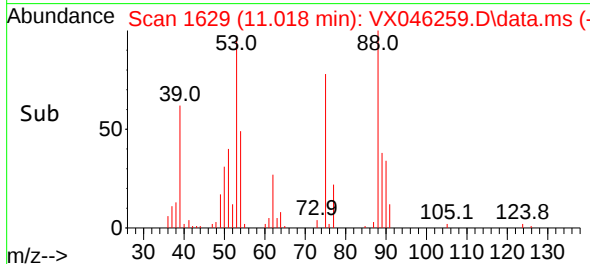
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01



Tgt Ion: 75 Resp: 7819
Ion Ratio Lower Upper
75 100
53 143.2 100.5 150.7
89 49.3 37.0 55.6

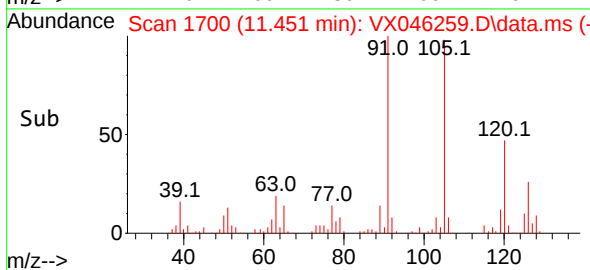
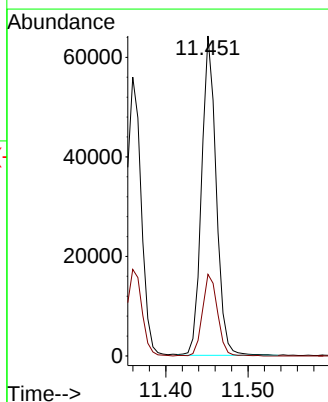
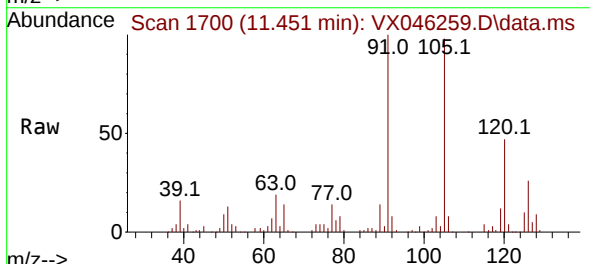
Manual Integrations
APPROVED

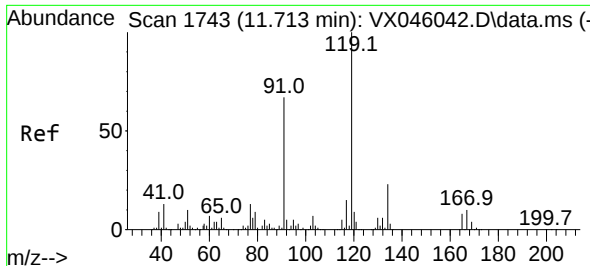
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#82
4-Chlorotoluene
Concen: 19.282 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

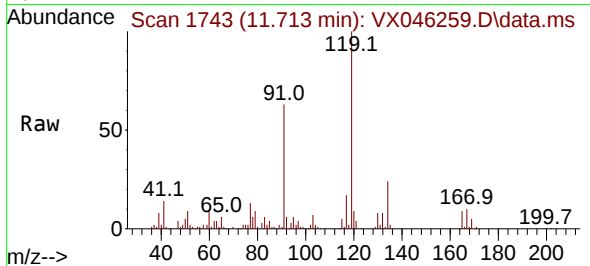
Tgt Ion: 91 Resp: 79386
Ion Ratio Lower Upper
91 100
126 26.4 13.3 39.8





#83
 tert-Butylbenzene
 Concen: 18.896 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX046259.D
 Acq: 19 May 2025 11:53

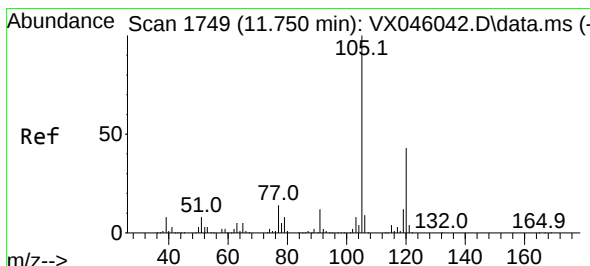
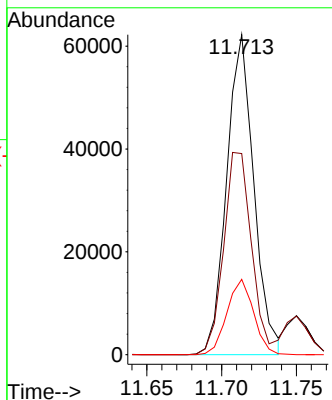
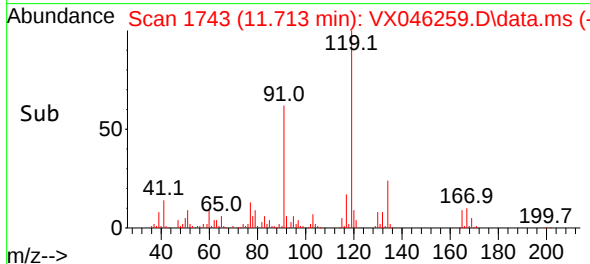
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0519WBSD01



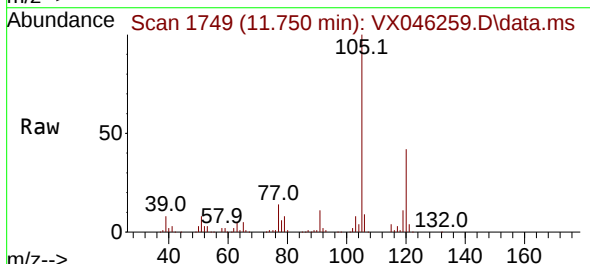
Tgt Ion:119 Resp: 78714
 Ion Ratio Lower Upper
 119 100
 91 64.4 32.9 98.7
 134 23.1 11.4 34.1

Manual Integrations
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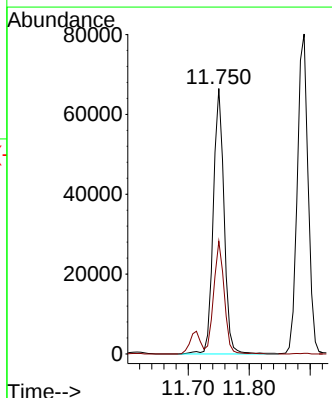
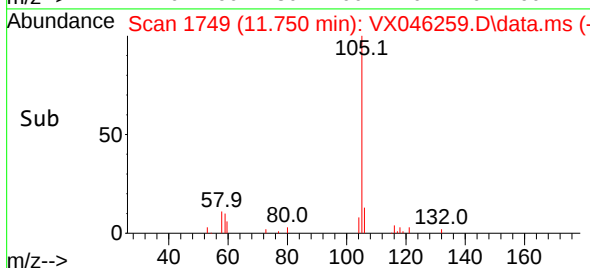
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025

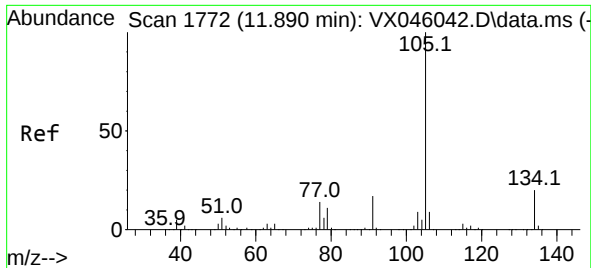


#84
 1,2,4-Trimethylbenzene
 Concen: 19.496 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX046259.D
 Acq: 19 May 2025 11:53



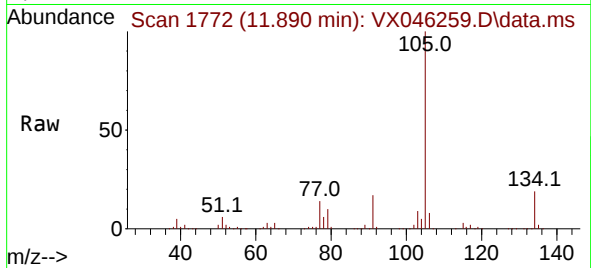
Tgt Ion:105 Resp: 81650
 Ion Ratio Lower Upper
 105 100
 120 40.9 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 19.306 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046259.D
 Acq: 19 May 2025 11:53

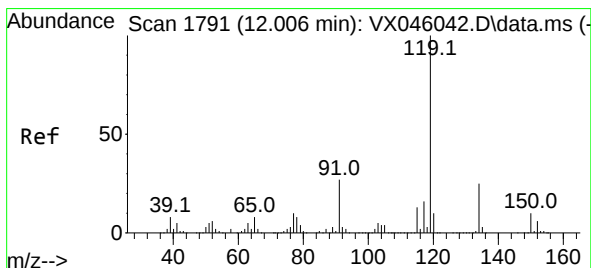
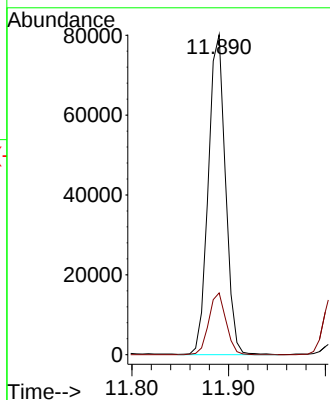
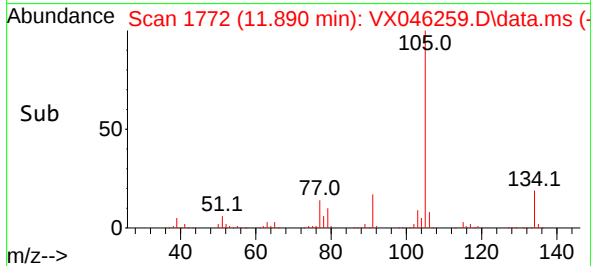
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0519WBSD01



Tgt Ion:105 Resp: 9874
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 29.1

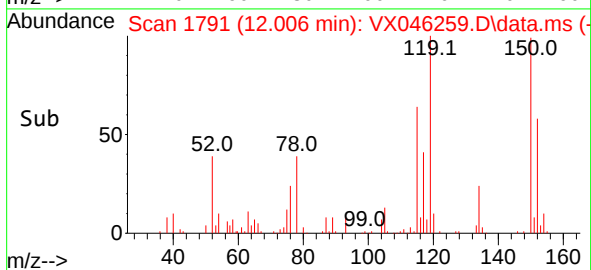
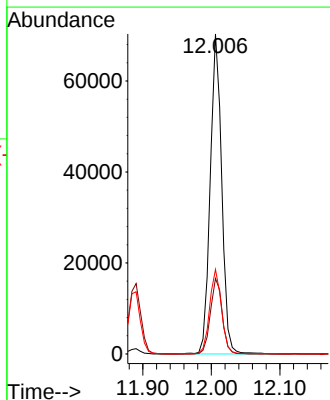
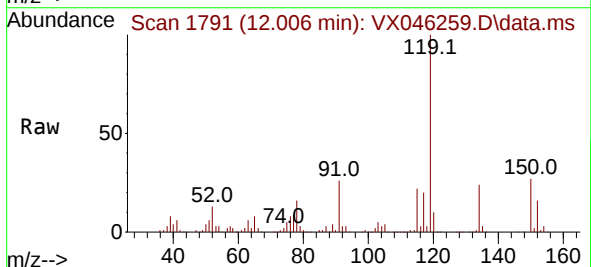
Manual Integrations
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Reviewed By :John Carbone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025



#86
 p-Isopropyltoluene
 Concen: 19.398 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046259.D
 Acq: 19 May 2025 11:53

Tgt Ion:119 Resp: 81895
 Ion Ratio Lower Upper
 119 100
 134 24.3 12.5 37.5
 91 27.3 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 18.798 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX046259.D

Acq: 19 May 2025 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0519WBSD01

Tgt Ion:146 Resp: 39428

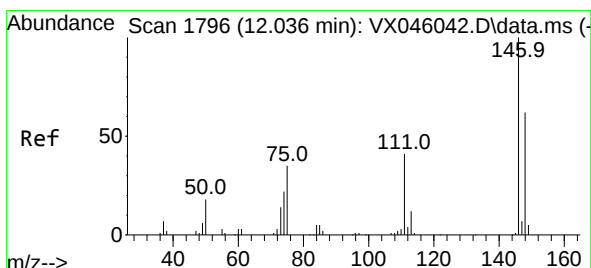
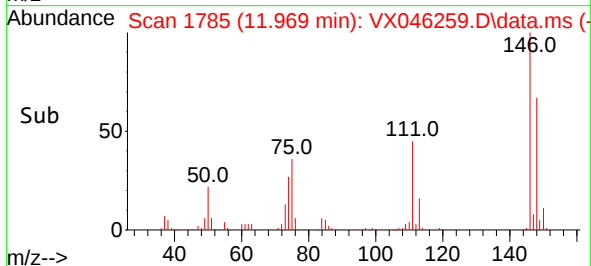
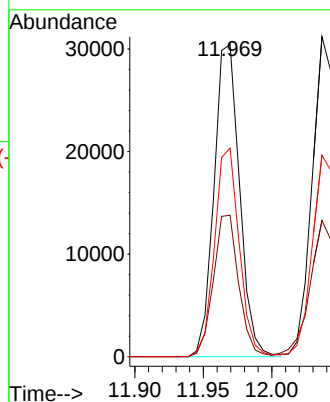
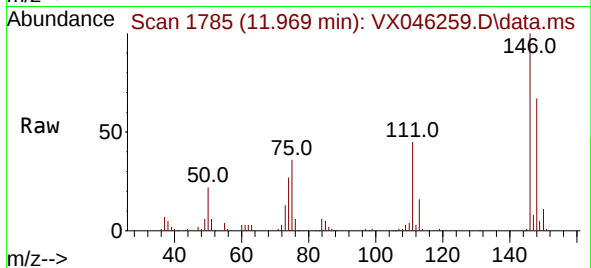
Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.1	66.3
148	64.5	32.1	96.5

Manual Integrations

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Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#88

1,4-Dichlorobenzene

Concen: 18.783 ug/l

RT: 12.037 min Scan# 1796

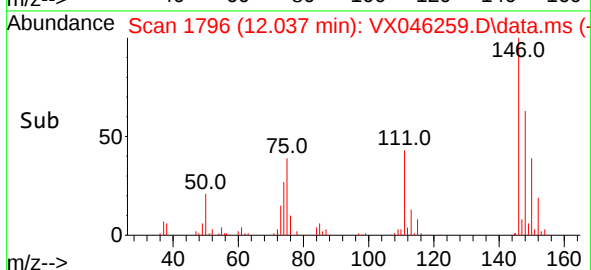
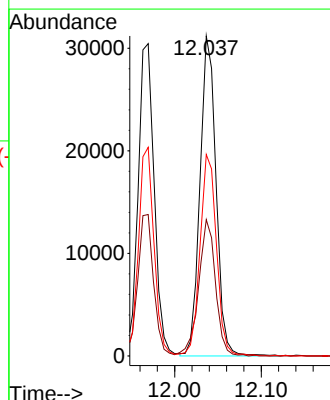
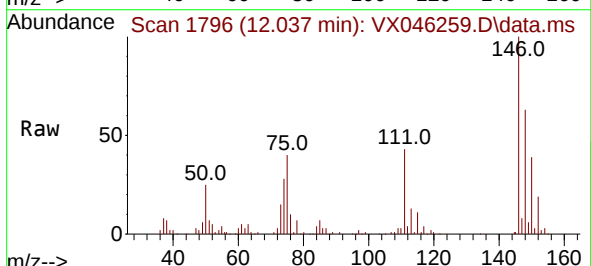
Delta R.T. 0.000 min

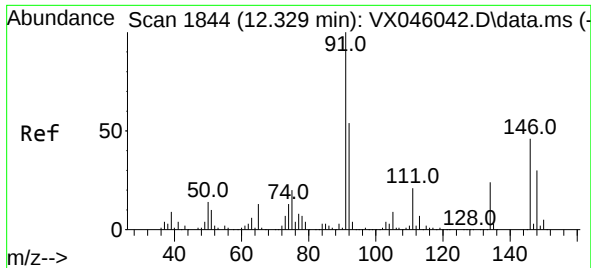
Lab File: VX046259.D

Acq: 19 May 2025 11:53

Tgt Ion:146 Resp: 40234

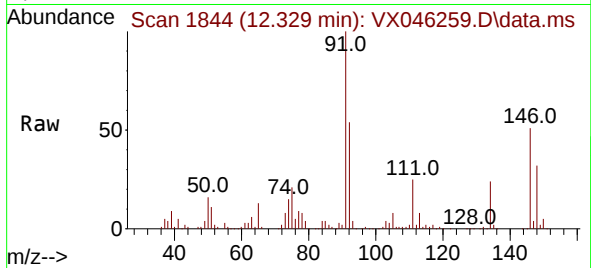
Ion	Ratio	Lower	Upper
146	100		
111	44.7	21.3	63.9
148	64.7	31.9	95.5





#89
n-Butylbenzene
Concen: 18.645 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

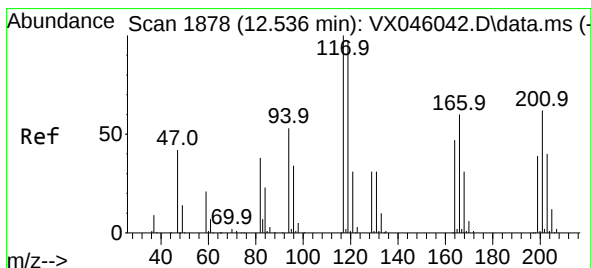
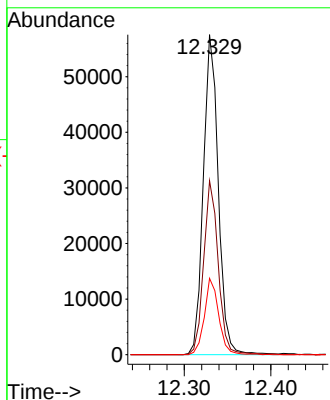
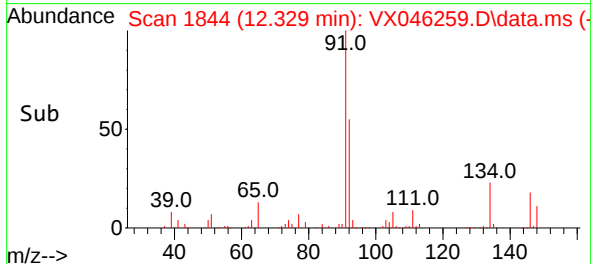
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01



Tgt Ion: 91 Resp: 6904
Ion Ratio Lower Upper
91 100
92 53.0 26.9 80.7
134 22.9 11.8 35.3

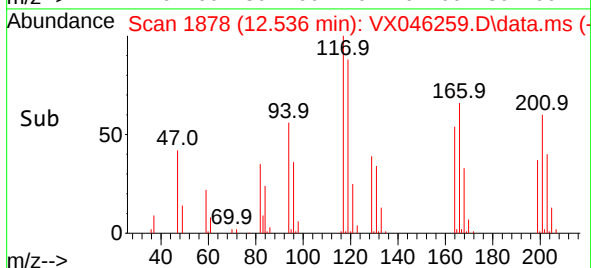
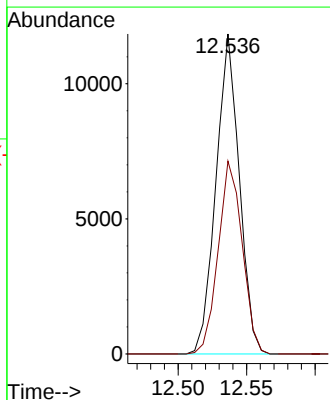
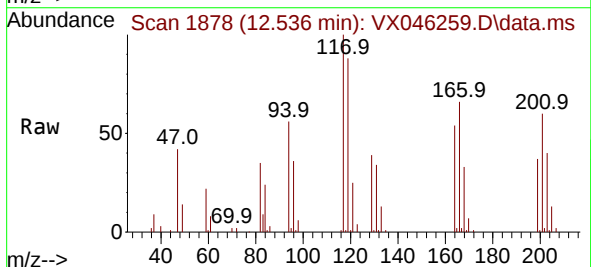
Manual Integrations
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Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#90
Hexachloroethane
Concen: 18.824 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

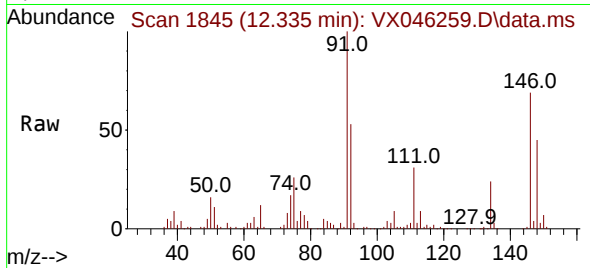
Tgt Ion:117 Resp: 14001
Ion Ratio Lower Upper
117 100
201 62.2 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 19.755 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

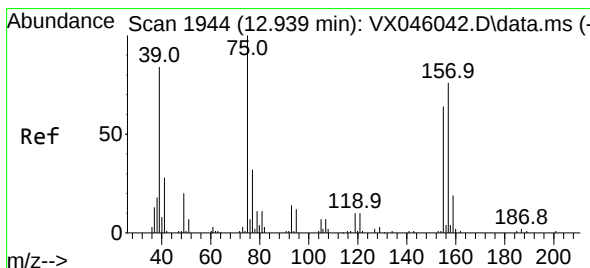
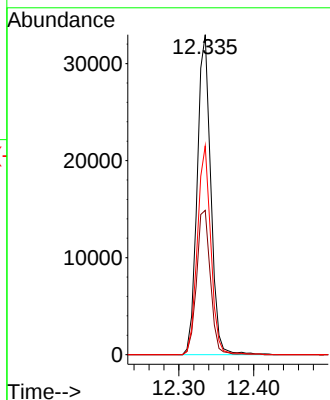
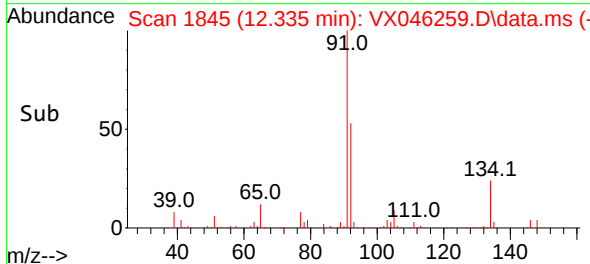
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01



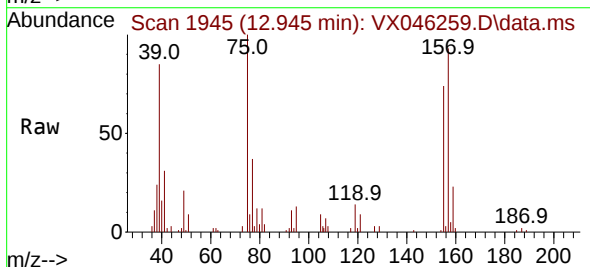
Tgt Ion:146 Resp: 41580
Ion Ratio Lower Upper
146 100
111 45.7 22.4 67.3
148 64.5 31.6 94.8

Manual Integrations
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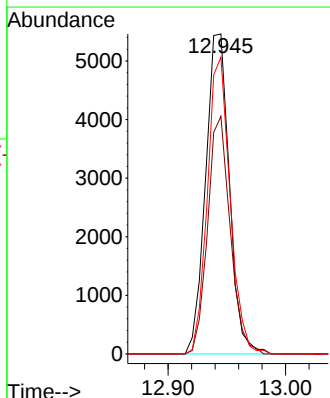
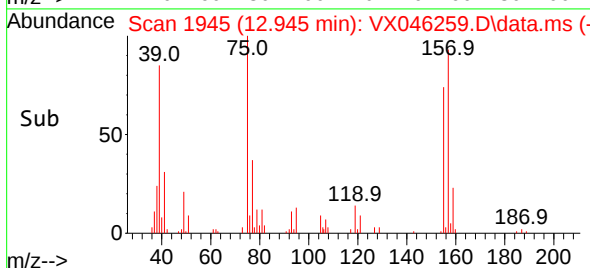
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.976 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53



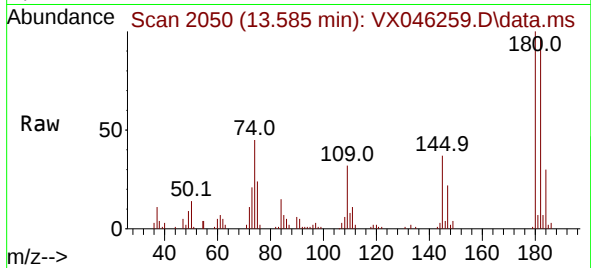
Tgt Ion: 75 Resp: 7677
Ion Ratio Lower Upper
75 100
155 70.5 34.9 104.8
157 88.6 43.8 131.4





#93
1,2,4-Trichlorobenzene
Concen: 18.607 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

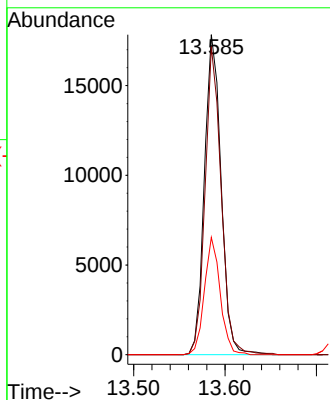
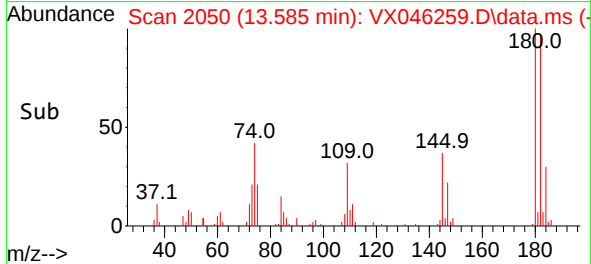
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01



Tgt Ion:180 Resp: 22494
Ion Ratio Lower Upper
180 100
182 93.0 47.9 143.8
145 34.9 17.1 51.2

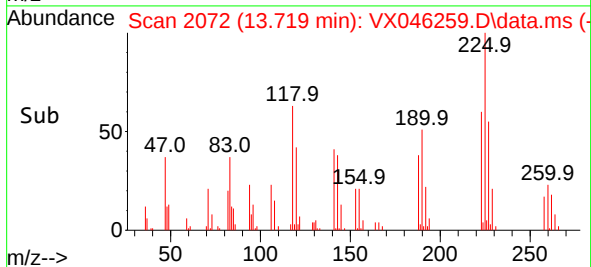
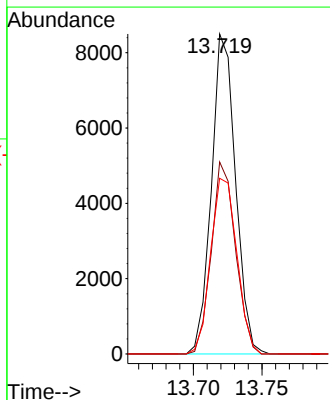
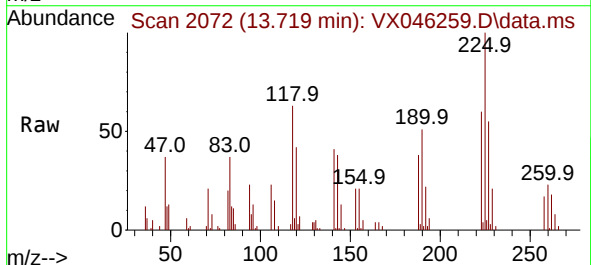
Manual Integrations
APPROVED

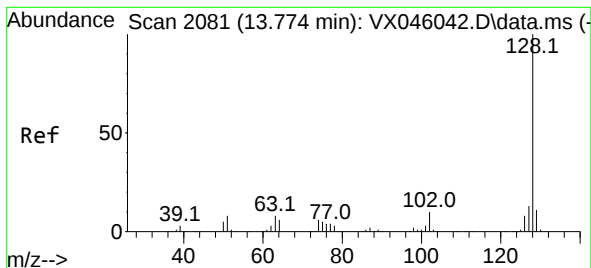
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#94
Hexachlorobutadiene
Concen: 19.635 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

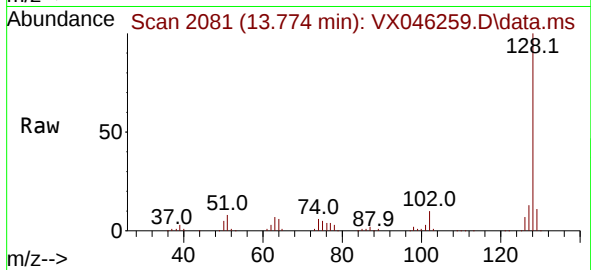
Tgt Ion:225 Resp: 10367
Ion Ratio Lower Upper
225 100
223 60.3 30.8 92.4
227 59.9 30.9 92.7





#95
Naphthalene
Concen: 18.484 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53

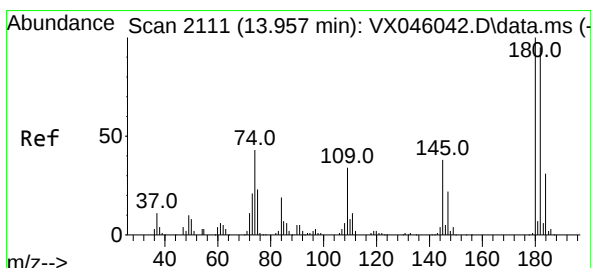
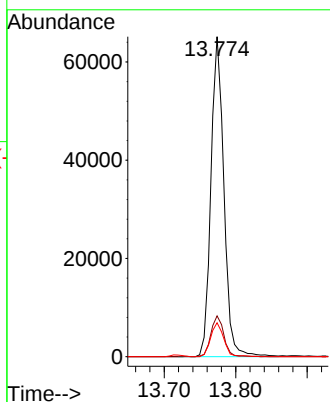
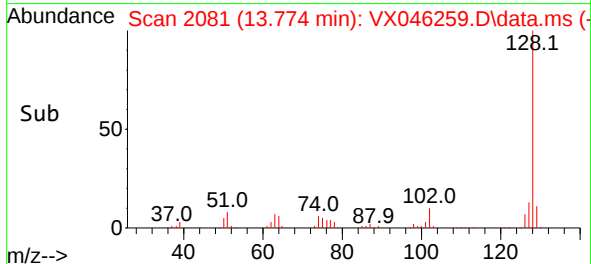
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01



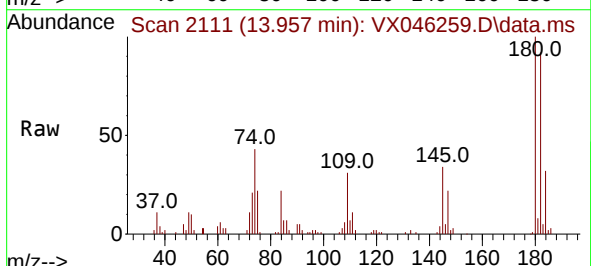
Tgt Ion:128 Resp: 81954
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.379 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046259.D
Acq: 19 May 2025 11:53



Tgt Ion:180 Resp: 24173
Ion Ratio Lower Upper
180 100
182 92.2 47.8 143.3
145 35.2 18.1 54.3

