

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050925\
 Data File : VX046119.D
 Acq On : 09 May 2025 16:47
 Operator : JC/MD
 Sample : Q1993-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3-20250508MS

Quant Time: May 09 23:16:56 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/12/2025
 Supervised By : Mahesh Dadoda 05/12/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	89463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	159939	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	140865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88756	53.215	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.420%			
35) Dibromofluoromethane	5.379	113	60317	52.371	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.740%			
50) Toluene-d8	8.647	98	209876	52.649	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.300%			
62) 4-Bromofluorobenzene	11.079	95	80689	52.770	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.540%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	75895	55.426	ug/l	98
3) Chloromethane	1.307	50	72107	54.303	ug/l	98
4) Vinyl Chloride	1.374	62	64758	52.400	ug/l	99
5) Bromomethane	1.599	94	28125	49.066	ug/l	98
6) Chloroethane	1.672	64	39474	59.832	ug/l	94
7) Trichlorofluoromethane	1.880	101	100313	54.922	ug/l	100
8) Diethyl Ether	2.136	74	32012	51.486	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	57390	50.774	ug/l	98
10) Methyl Iodide	2.447	142	72310	54.066	ug/l	99
11) Tert butyl alcohol	2.971	59	56320	240.561	ug/l	99
12) 1,1-Dichloroethene	2.313	96	54633	51.501	ug/l	97
13) Acrolein	2.233	56	82812	310.593	ug/l	100
14) Allyl chloride	2.660	41	109789	54.153	ug/l	97
15) Acrylonitrile	3.062	53	177127	264.586	ug/l	97
16) Acetone	2.380	43	170594	255.097	ug/l	97
17) Carbon Disulfide	2.508	76	142141	56.518	ug/l	100
18) Methyl Acetate	2.703	43	78688	50.707	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	195761	52.636	ug/l	98
20) Methylene Chloride	2.788	84	64471	50.308	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	56413	52.880	ug/l	97
22) Diisopropyl ether	3.757	45	210894	53.851	ug/l	96
23) Vinyl Acetate	3.721	43	915553	265.806	ug/l	99
24) 1,1-Dichloroethane	3.605	63	117441	53.841	ug/l	99
25) 2-Butanone	4.556	43	256138	263.824	ug/l	99
26) 2,2-Dichloropropane	4.471	77	77210	45.224	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	68836	53.600	ug/l	97
28) Bromochloromethane	4.891	49	55529	52.888	ug/l	98
29) Tetrahydrofuran	5.001	42	163150	268.176	ug/l	98
30) Chloroform	5.086	83	121210	53.314	ug/l	92
31) Cyclohexane	5.464	56	104273	52.460	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	103138	52.333	ug/l	99
36) 1,1-Dichloropropene	5.684	75	78794	50.918	ug/l	100
37) Ethyl Acetate	4.715	43	94082	49.209	ug/l	100
38) Carbon Tetrachloride	5.672	117	89439	51.440	ug/l	98
39) Methylcyclohexane	7.379	83	99052	49.719	ug/l	99
40) Benzene	6.031	78	235780	52.018	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	56784	56.776	ug/l	99
42) 1,2-Dichloroethane	6.080	62	101300	51.782	ug/l	99
43) Isopropyl Acetate	6.336	43	152703	52.355	ug/l	99
44) Trichloroethene	7.117	130	56560	51.846	ug/l	98
45) 1,2-Dichloropropane	7.427	63	59360	52.667	ug/l	98
46) Dibromomethane	7.580	93	45520	51.207	ug/l	99
47) Bromodichloromethane	7.818	83	93114	53.183	ug/l	97
48) Methyl methacrylate	7.690	41	81296	54.576	ug/l	99
49) 1,4-Dioxane	7.659	88	27908	986.734	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	517284	267.183	ug/l	99
52) Toluene	8.714	92	145518	52.357	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	80470	51.709	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	89145	51.828	ug/l	93
55) 1,1,2-Trichloroethane	9.147	97	57966	52.893	ug/l	98
56) Ethyl methacrylate	9.116	69	94760	54.253	ug/l	99
57) 1,3-Dichloropropane	9.305	76	100895	51.263	ug/l	98
59) 2-Hexanone	9.427	43	386611	269.910	ug/l	100
60) Dibromochloromethane	9.519	129	65472	54.399	ug/l	99
61) 1,2-Dibromoethane	9.604	107	59872	52.564	ug/l	98
64) Tetrachloroethene	9.269	164	47879	48.039	ug/l	95
65) Chlorobenzene	10.073	112	153394	49.752	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	53060	50.398	ug/l	98
67) Ethyl Benzene	10.189	91	282897	52.053	ug/l	99
68) m/p-Xylenes	10.299	106	206356	103.814	ug/l	98
69) o-Xylene	10.640	106	100981	52.109	ug/l	96
70) Styrene	10.652	104	170348	53.662	ug/l	99
71) Bromoform	10.799	173	41859	52.957	ug/l #	97
73) Isopropylbenzene	10.957	105	271476	52.089	ug/l	99
74) N-amyl acetate	10.841	43	135448	52.593	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	89960	49.256	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	79301m	49.213	ug/l	
77) Bromobenzene	11.195	156	60827	50.271	ug/l	99
78) n-propylbenzene	11.299	91	317919	52.462	ug/l	100
79) 2-Chlorotoluene	11.360	91	195256	49.954	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	228563	52.494	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	22991	46.452	ug/l	99
82) 4-Chlorotoluene	11.451	91	226421	52.235	ug/l	99
83) tert-Butylbenzene	11.713	119	228954	52.203	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	230596	52.298	ug/l	99
85) sec-Butylbenzene	11.890	105	285435	53.005	ug/l	98
86) p-Isopropyltoluene	12.006	119	234655	52.791	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	113078	51.207	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	113224	50.205	ug/l	99
89) n-Butylbenzene	12.329	91	206967	53.082	ug/l	99
90) Hexachloroethane	12.536	117	40449	51.653	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	113955	51.424	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20926	51.719	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	64042	50.317	ug/l	98
94) Hexachlorobutadiene	13.725	225	27737	49.898	ug/l	97
95) Naphthalene	13.774	128	236038	50.564	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	65670	50.005	ug/l	99

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

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

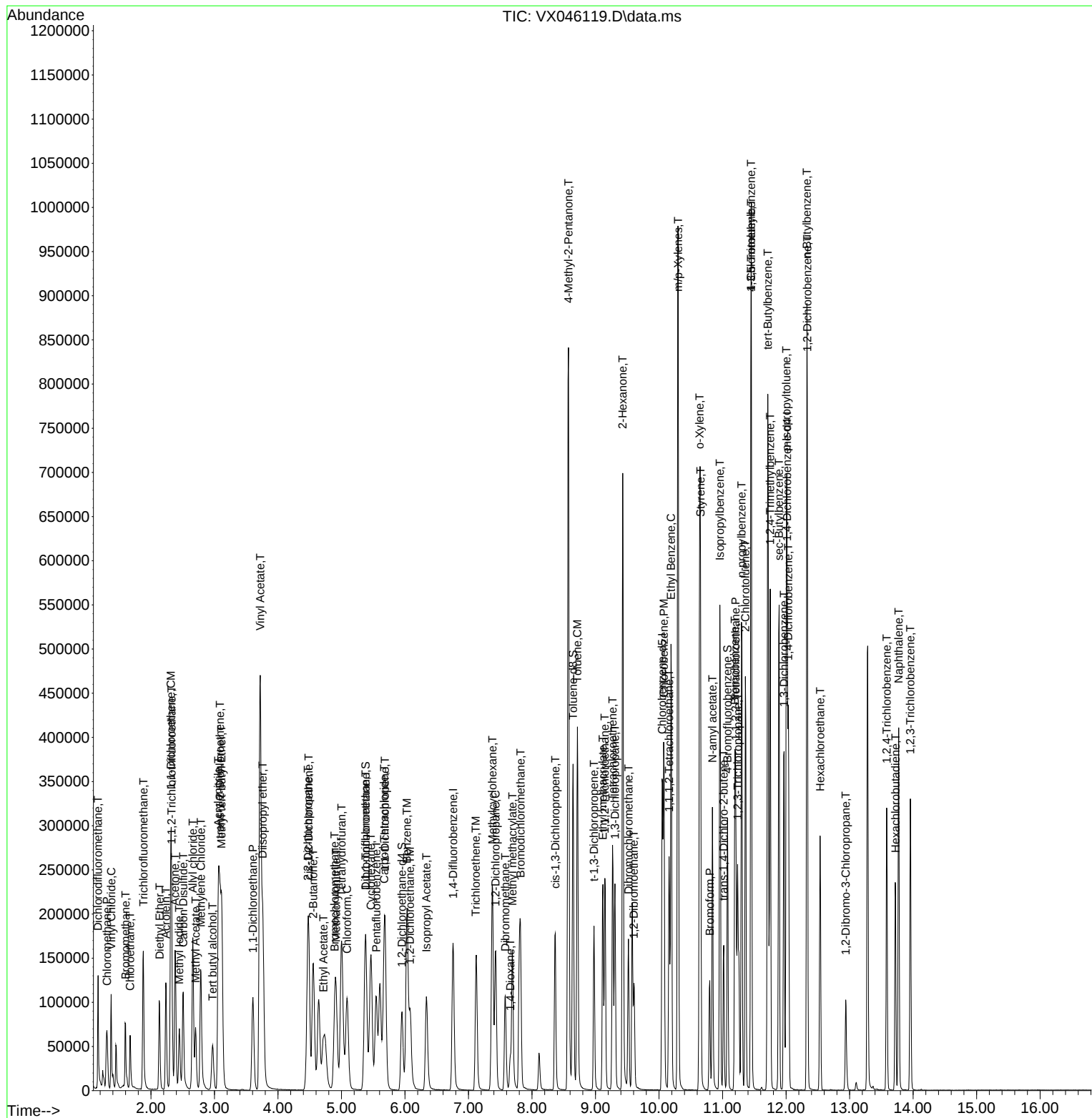
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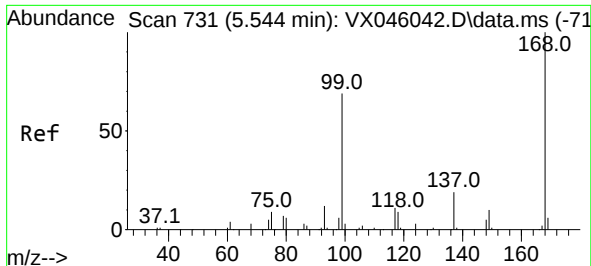
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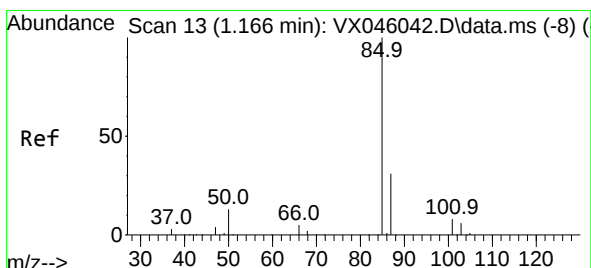
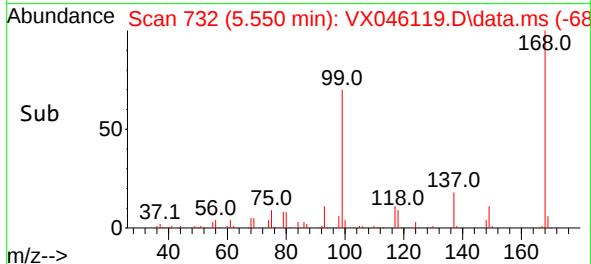
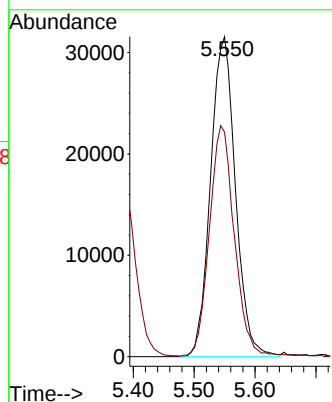
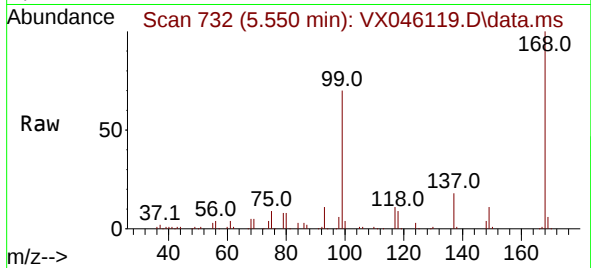
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508MS

Tgt Ion:168 Resp: 8946
Ion Ratio Lower Upper
168 100
99 70.0 54.9 82.3

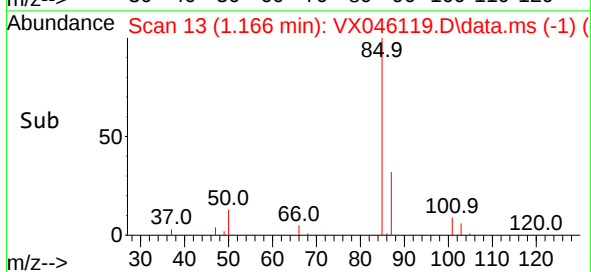
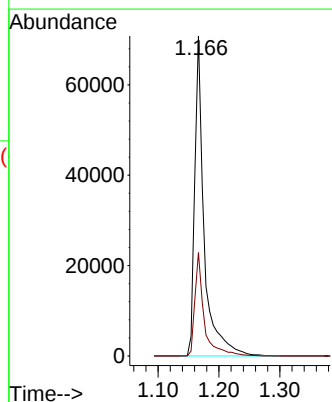
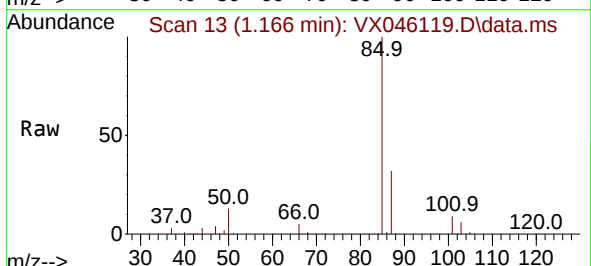
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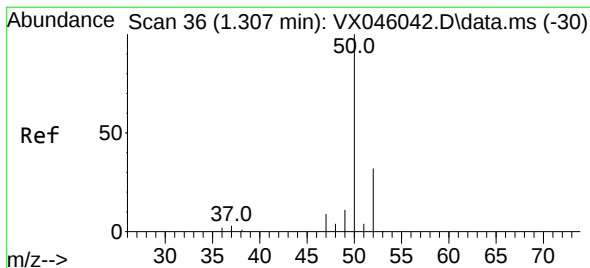
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#2
Dichlorodifluoromethane
Concen: 55.426 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

Tgt Ion: 85 Resp: 75895
Ion Ratio Lower Upper
85 100
87 32.3 15.7 47.1





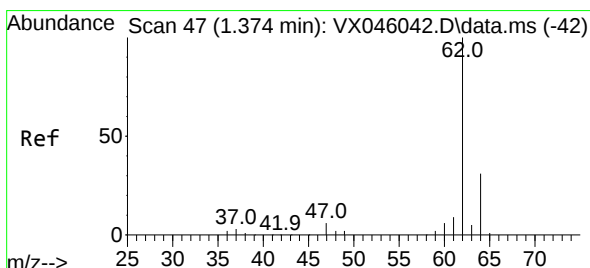
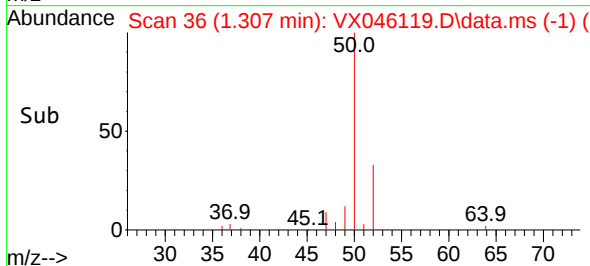
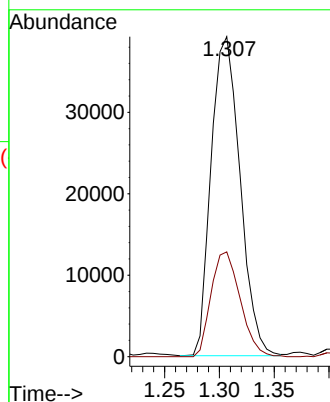
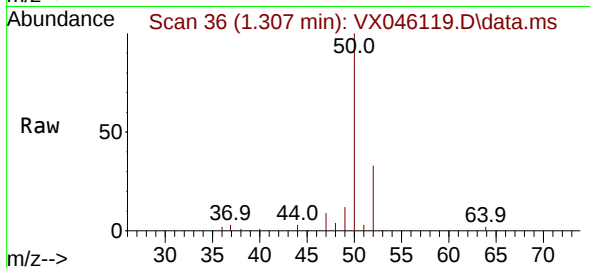
#3
Chloromethane
Concen: 54.303 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508MS

Tgt Ion: 50 Resp: 7210
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.2

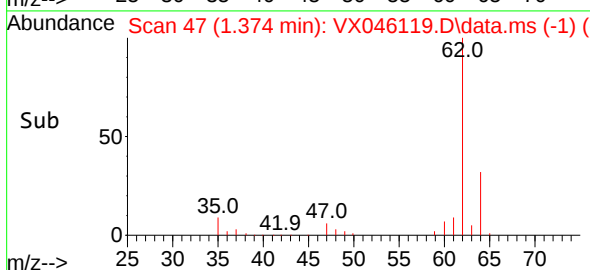
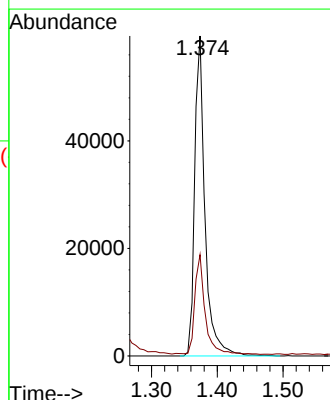
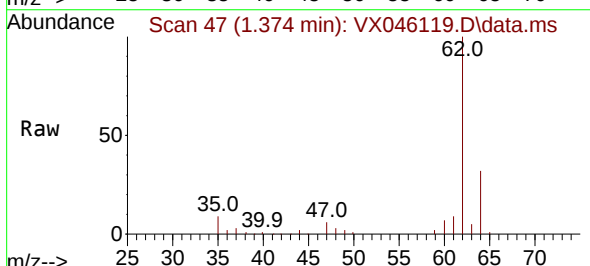
Manual Integrations
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#4
Vinyl Chloride
Concen: 52.400 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

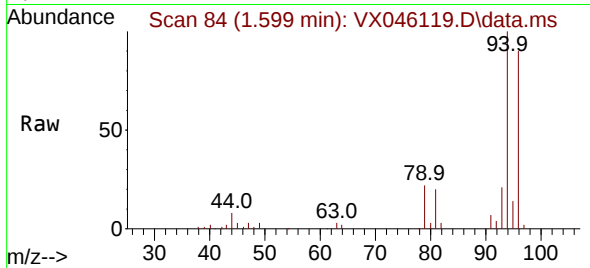
Tgt Ion: 62 Resp: 64758
Ion Ratio Lower Upper
62 100
64 31.0 25.2 37.8





#5
Bromomethane
Concen: 49.066 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

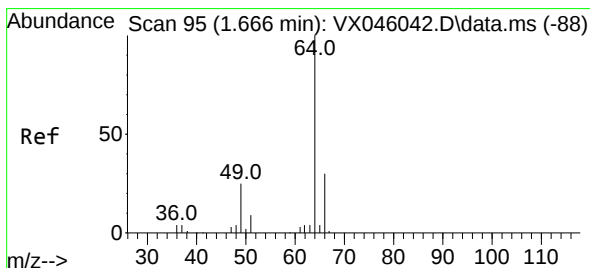
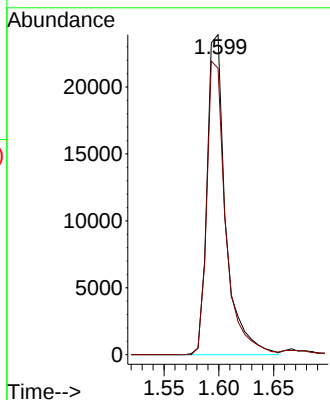
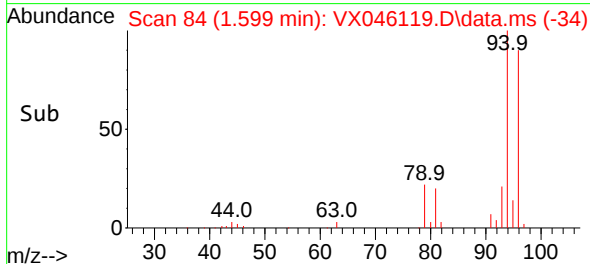
Instrument :
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Tgt Ion: 94 Resp: 2812
Ion Ratio Lower Upper
94 100
96 89.6 72.8 109.2

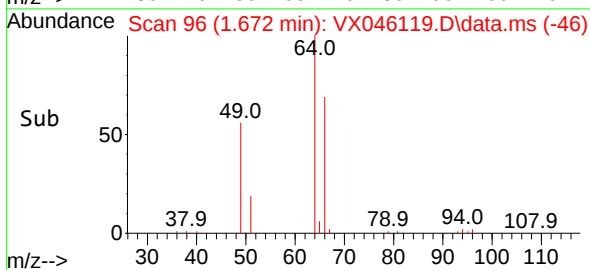
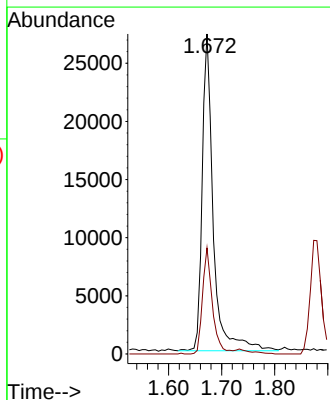
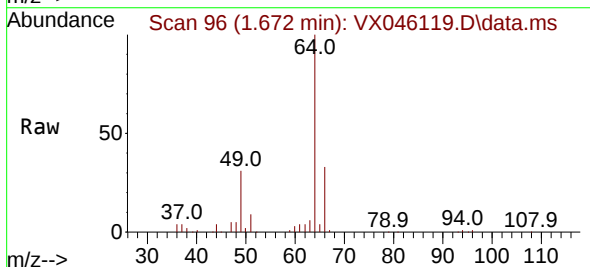
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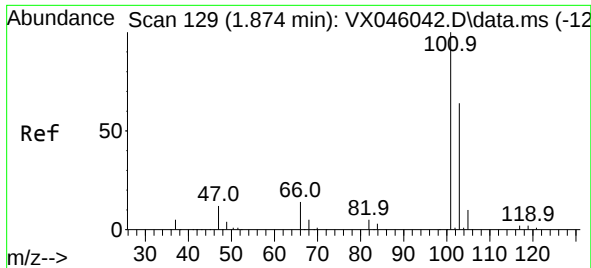
Reviewed By :John Carlone 05/12/2025
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#6
Chloroethane
Concen: 59.832 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

Tgt Ion: 64 Resp: 39474
Ion Ratio Lower Upper
64 100
66 33.5 24.3 36.5





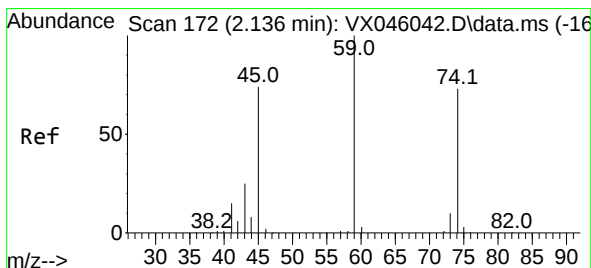
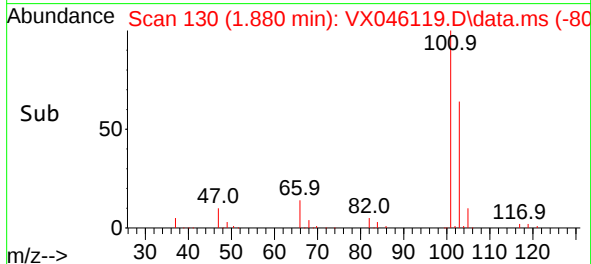
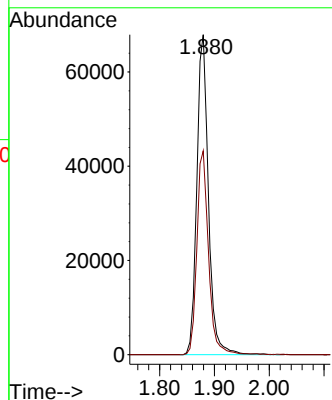
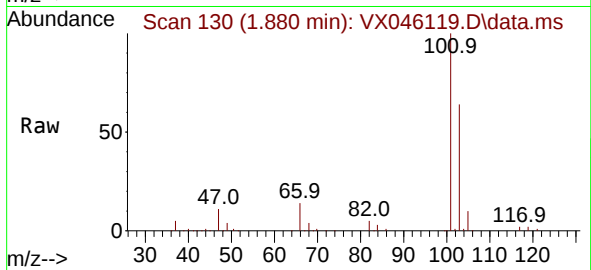
#7
Trichlorofluoromethane
Concen: 54.922 ug/l
RT: 1.880 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508MS

Tgt Ion:101 Resp: 10031
Ion Ratio Lower Upper
101 100
103 63.7 51.0 76.4

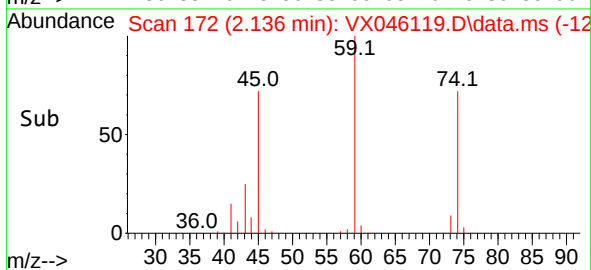
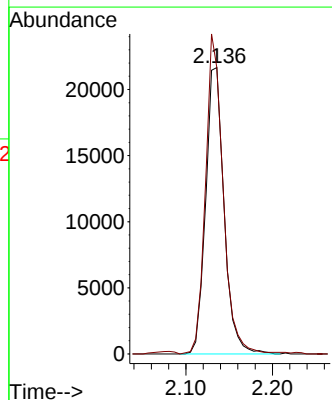
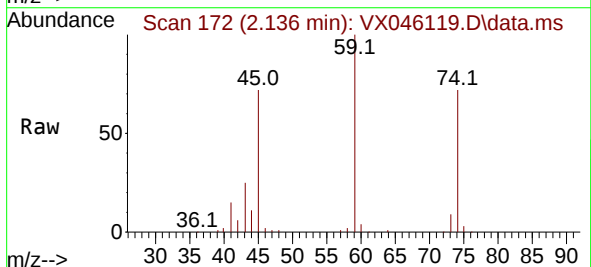
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#8
Diethyl Ether
Concen: 51.486 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

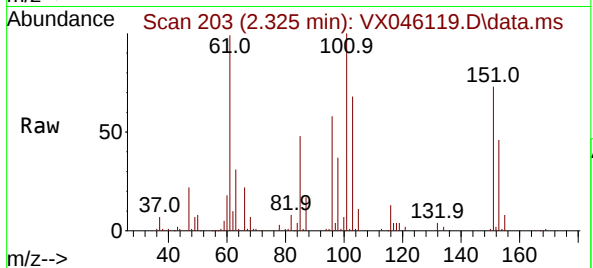
Tgt Ion: 74 Resp: 32012
Ion Ratio Lower Upper
74 100
45 107.3 54.9 164.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.774 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

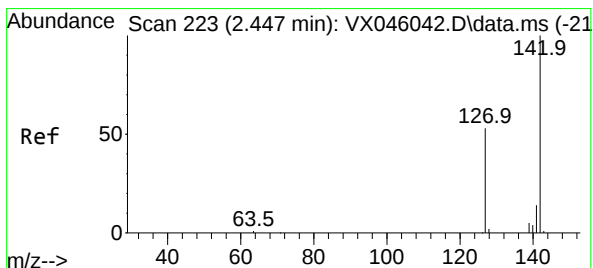
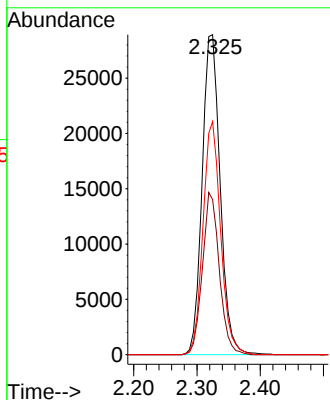
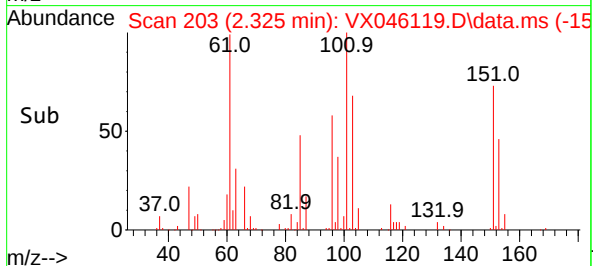
Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508MS



Tgt Ion:101 Resp: 57390
Ion Ratio Lower Upper
101 100
85 47.6 38.6 58.0
151 71.4 55.2 82.8

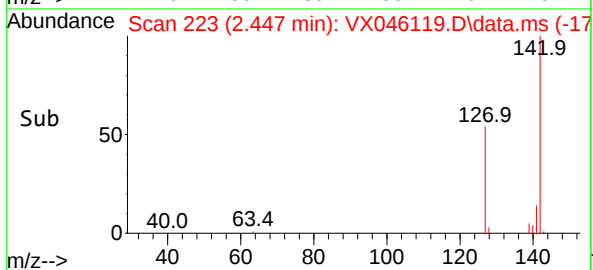
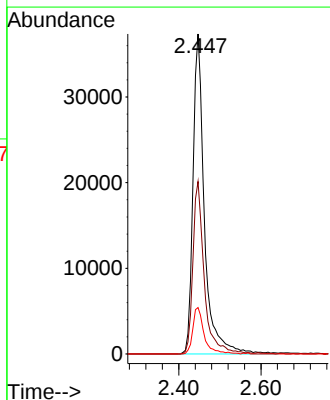
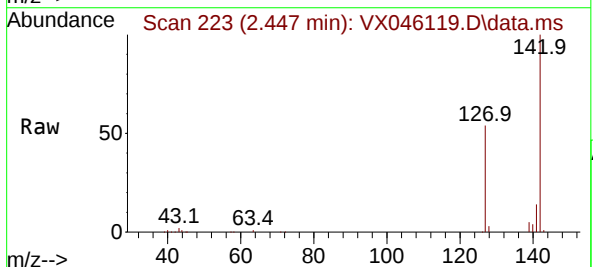
Manual Integrations
APPROVED

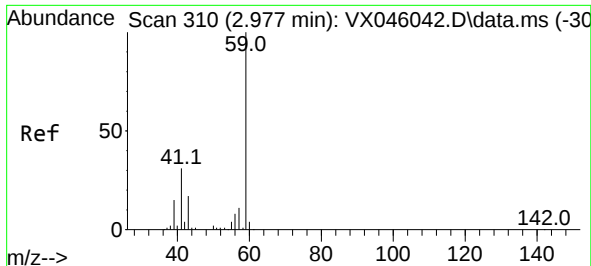
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#10
Methyl Iodide
Concen: 54.066 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

Tgt Ion:142 Resp: 72310
Ion Ratio Lower Upper
142 100
127 53.4 41.7 62.5
141 14.4 11.5 17.3





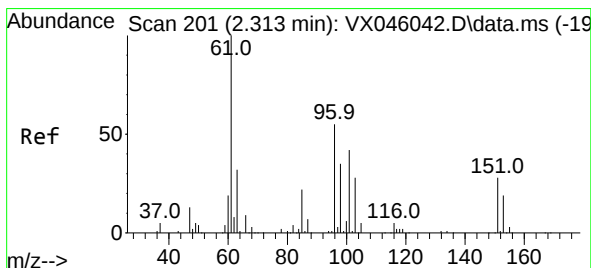
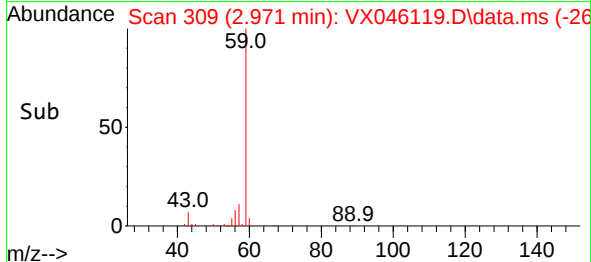
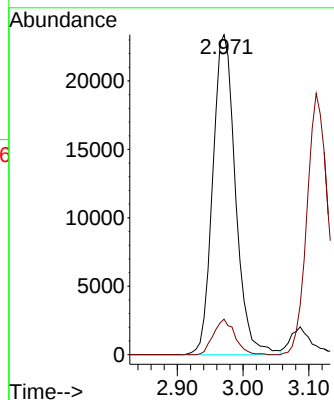
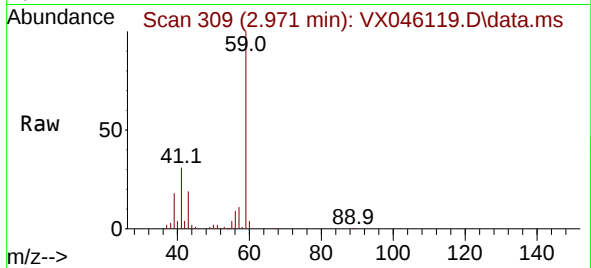
#11
Tert butyl alcohol
Concen: 240.561 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508MS

Tgt Ion: 59 Resp: 56320
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8

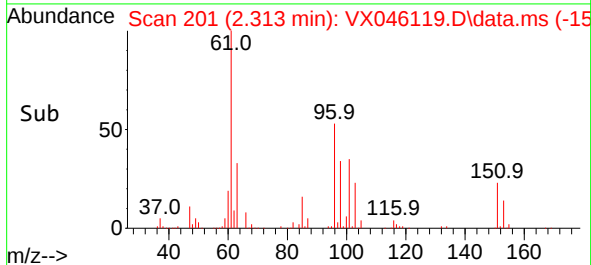
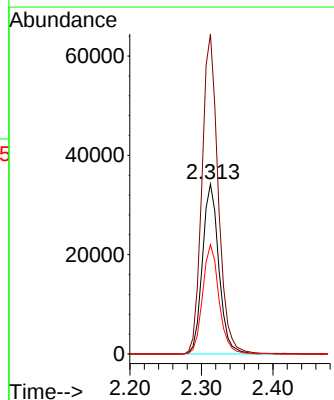
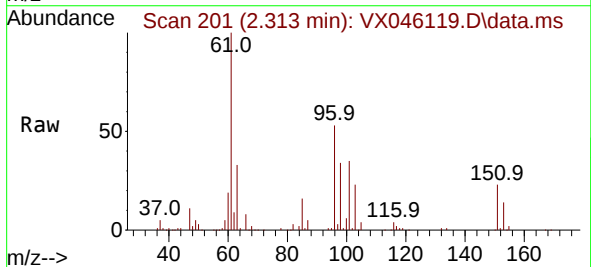
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#12
1,1-Dichloroethene
Concen: 51.501 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

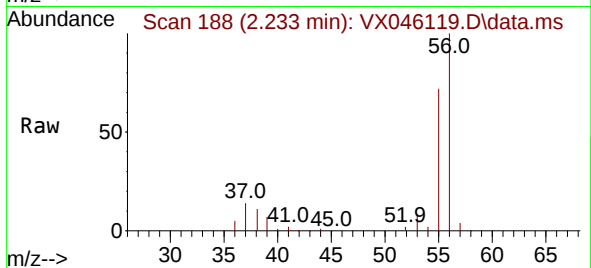
Tgt Ion: 96 Resp: 54633
Ion Ratio Lower Upper
96 100
61 188.4 146.2 219.2
98 64.3 51.0 76.6





#13
Acrolein
Concen: 310.593 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

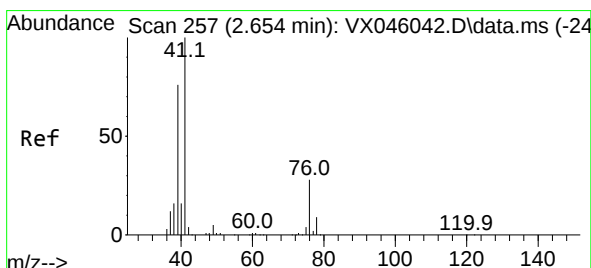
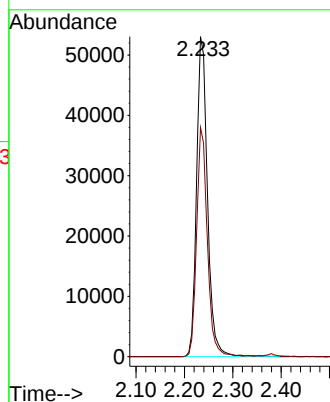
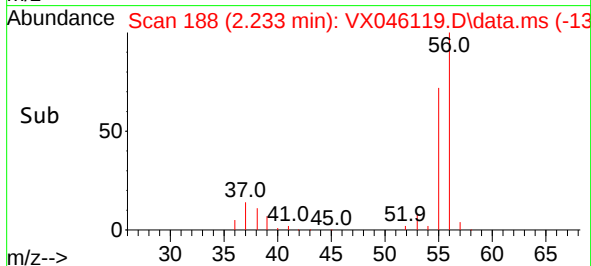
Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508MS



Tgt Ion: 56 Resp: 8281
Ion Ratio Lower Upper
56 100
55 70.4 56.2 84.4

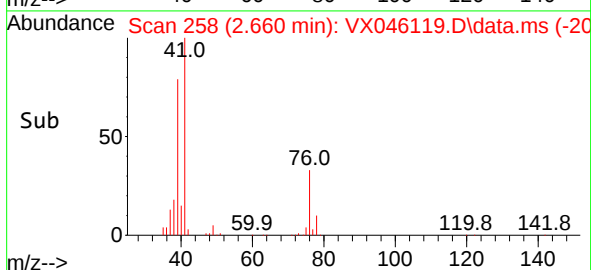
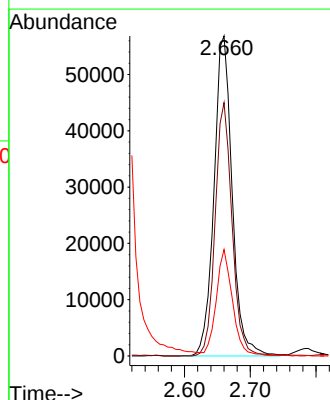
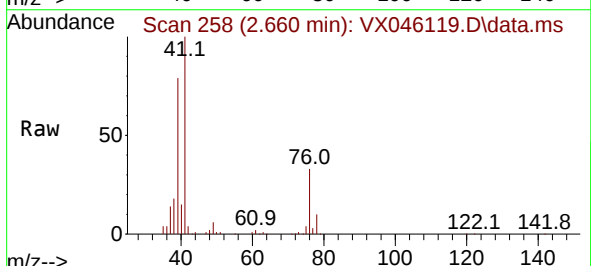
Manual Integrations
APPROVED

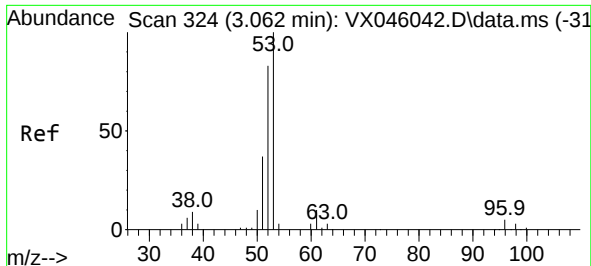
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#14
Allyl chloride
Concen: 54.153 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

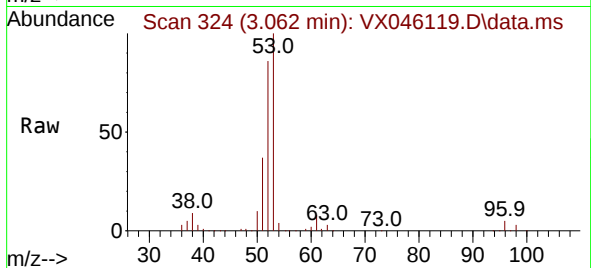
Tgt Ion: 41 Resp: 109789
Ion Ratio Lower Upper
41 100
39 73.3 60.6 90.8
76 30.0 24.9 37.3





#15
Acrylonitrile
Concen: 264.586 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

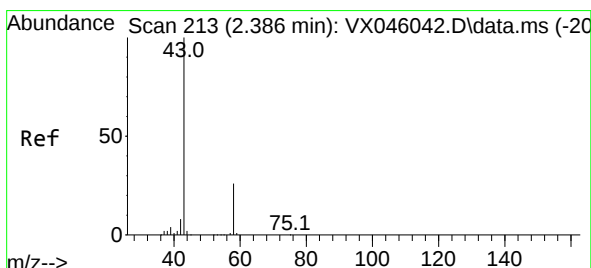
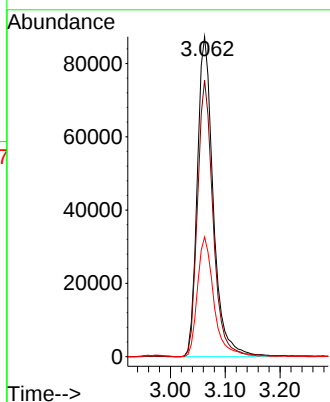
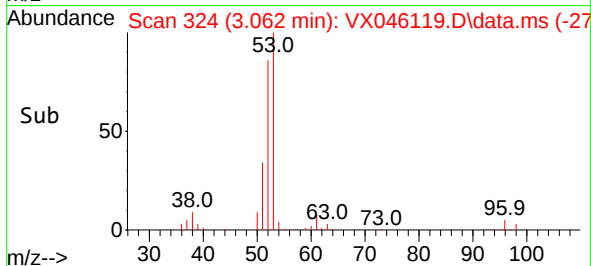
Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508MS



Tgt Ion: 53 Resp: 17712
Ion Ratio Lower Upper
53 100
52 85.0 65.3 97.9
51 38.8 29.8 44.8

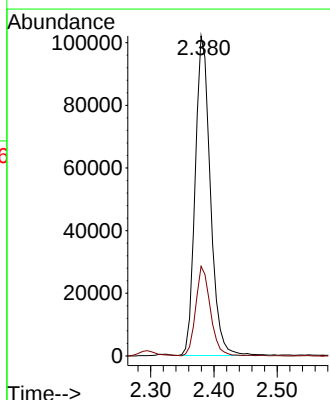
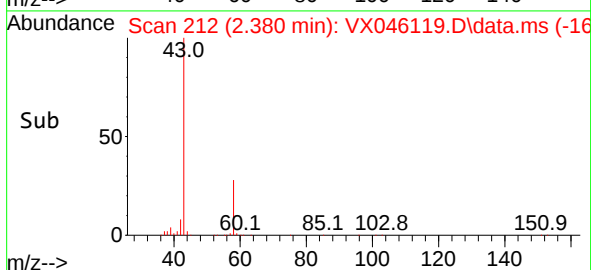
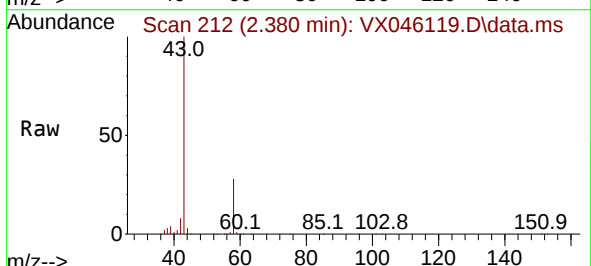
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#16
Acetone
Concen: 255.097 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

Tgt Ion: 43 Resp: 170594
Ion Ratio Lower Upper
43 100
58 27.9 21.2 31.8





#17

Carbon Disulfide

Concen: 56.518 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX046119.D

Acq: 09 May 2025 16:47

Instrument :

MSVOA_X

ClientSampleId :

MW-3-20250508MS

Tgt Ion: 76 Resp: 14214

Ion Ratio Lower Upper

76 100

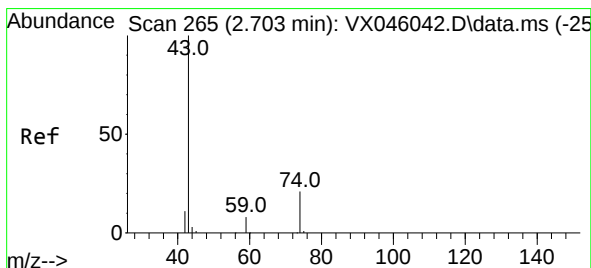
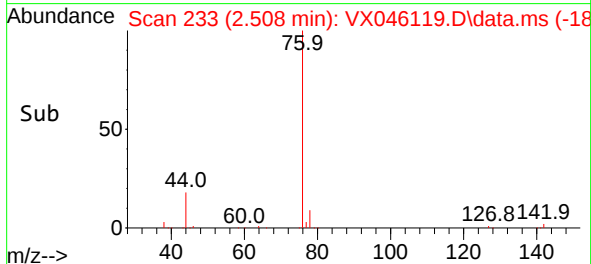
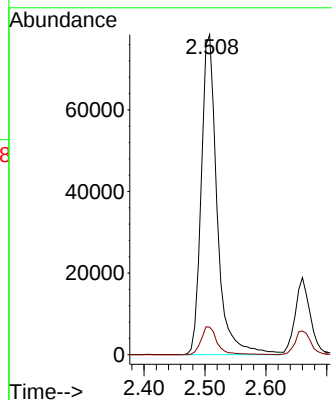
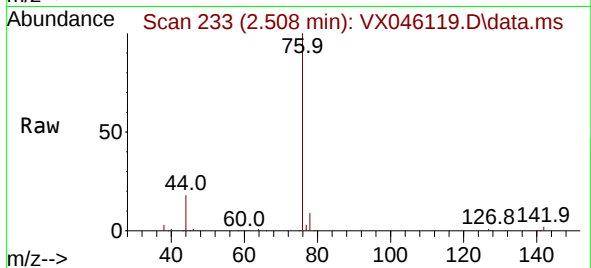
78 8.6 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#18

Methyl Acetate

Concen: 50.707 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX046119.D

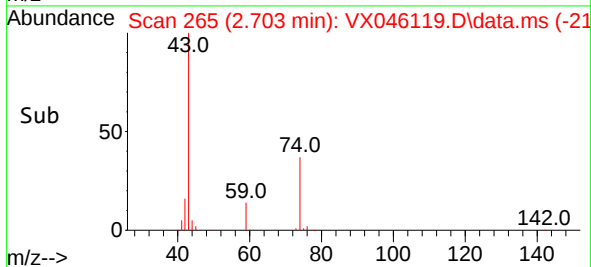
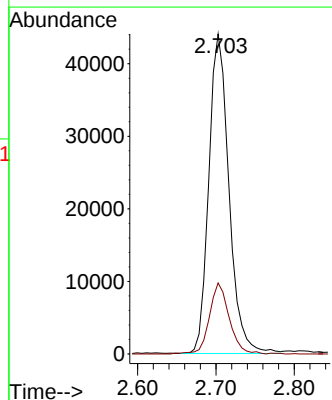
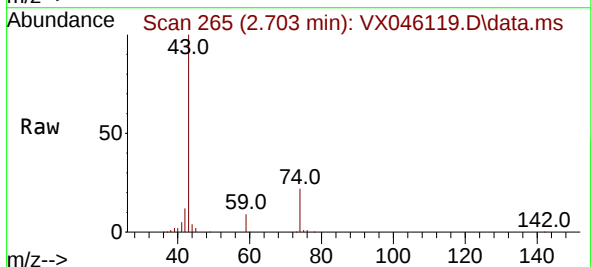
Acq: 09 May 2025 16:47

Tgt Ion: 43 Resp: 78688

Ion Ratio Lower Upper

43 100

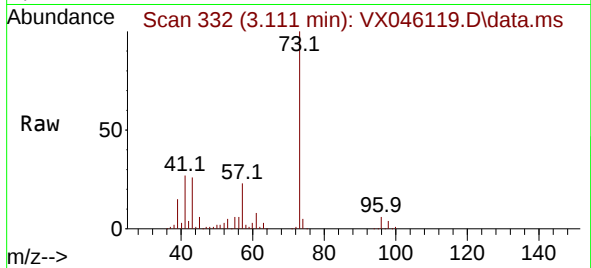
74 21.8 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 52.636 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

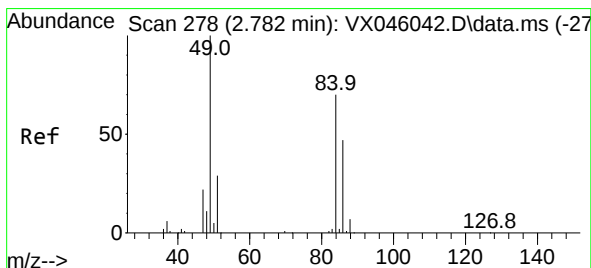
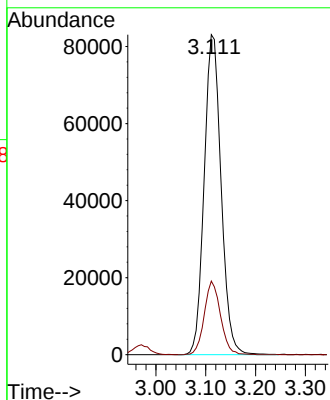
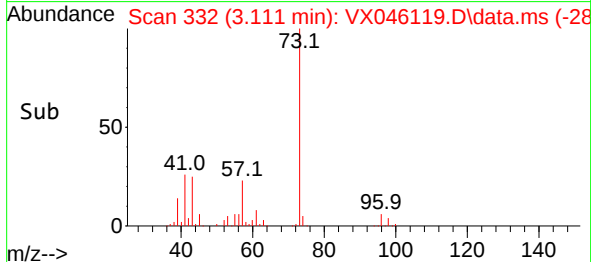
Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508MS



Tgt Ion: 73 Resp: 19576
Ion Ratio Lower Upper
73 100
57 23.0 17.7 26.5

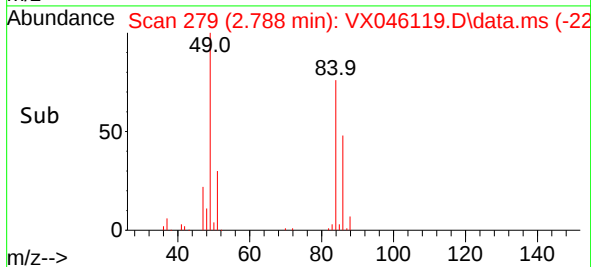
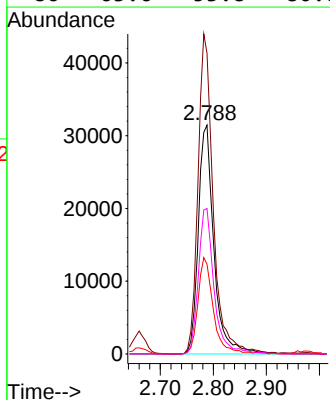
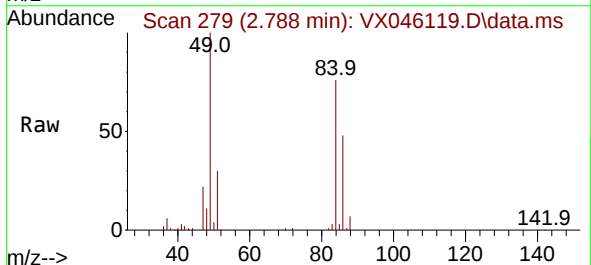
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#20
Methylene Chloride
Concen: 50.308 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

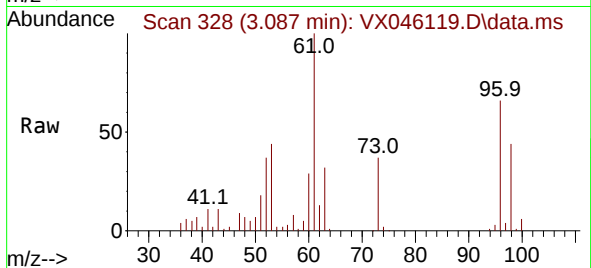
Tgt Ion: 84 Resp: 64471
Ion Ratio Lower Upper
84 100
49 131.5 113.9 170.9
51 39.2 33.5 50.3
86 63.6 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 52.880 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

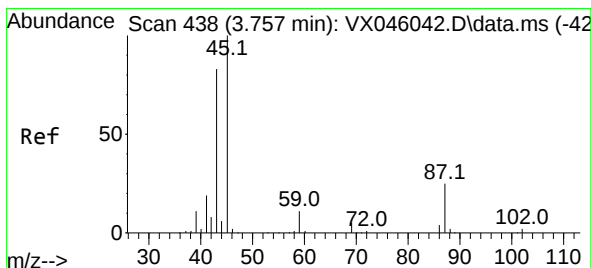
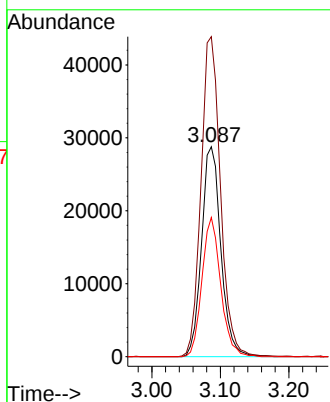
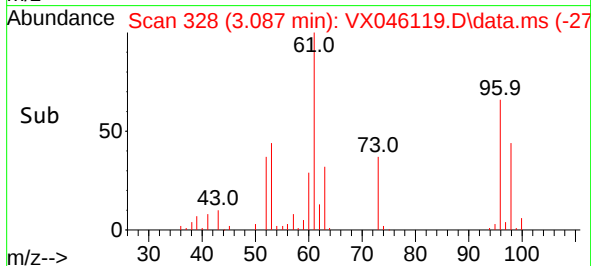
Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508MS



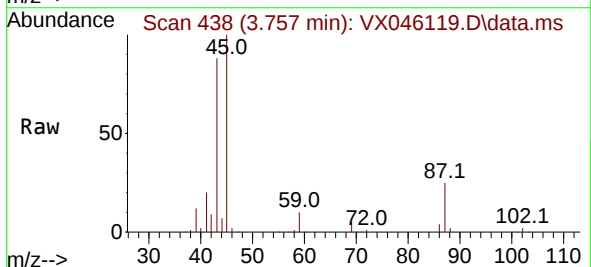
Tgt Ion: 96 Resp: 5641
Ion Ratio Lower Upper
96 100
61 152.4 119.5 179.3
98 66.3 50.0 75.0

Manual Integrations
APPROVED

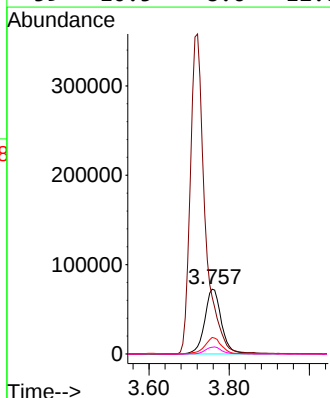
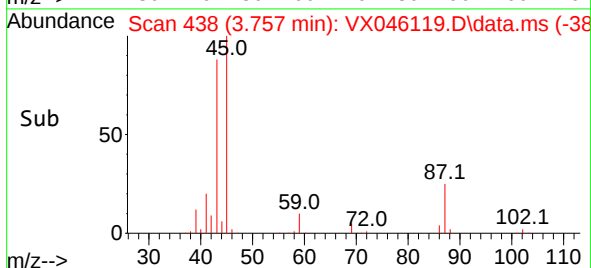
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#22
Diisopropyl ether
Concen: 53.851 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47



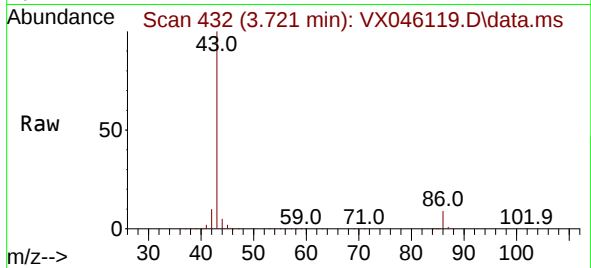
Tgt Ion: 45 Resp: 210894
Ion Ratio Lower Upper
45 100
43 87.7 66.6 100.0
87 25.5 19.8 29.6
59 10.5 8.6 12.8





#23
 Vinyl Acetate
 Concen: 265.806 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX046119.D
 Acq: 09 May 2025 16:47

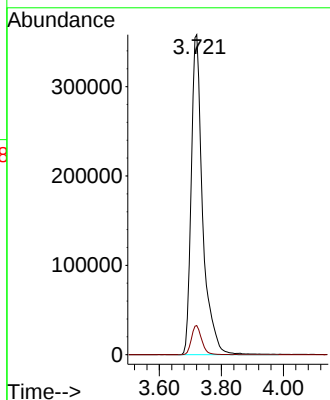
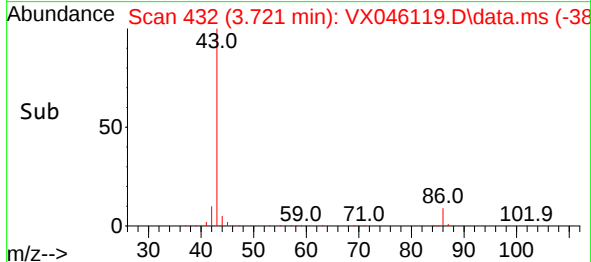
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3-20250508MS



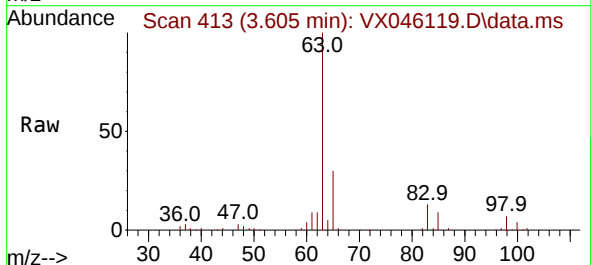
Tgt Ion: 43 Resp: 91555
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.5 11.3

Manual Integrations
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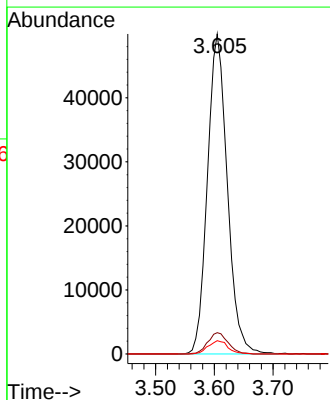
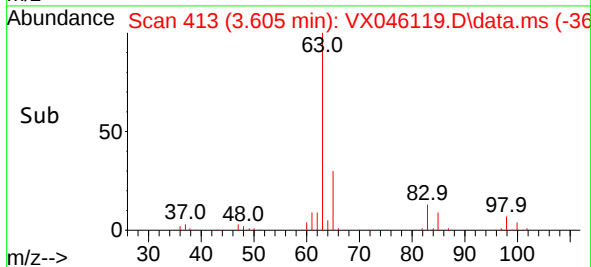
Reviewed By :John Carlone 05/12/2025
 Supervised By :Mahesh Dadoda 05/12/2025

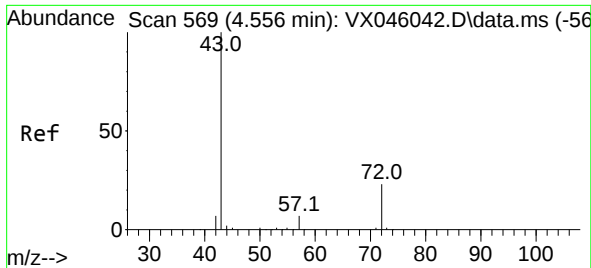


#24
 1,1-Dichloroethane
 Concen: 53.841 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX046119.D
 Acq: 09 May 2025 16:47



Tgt Ion: 63 Resp: 117441
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.8
 100 4.2 2.1 6.3





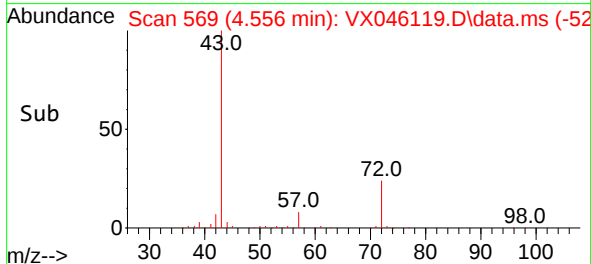
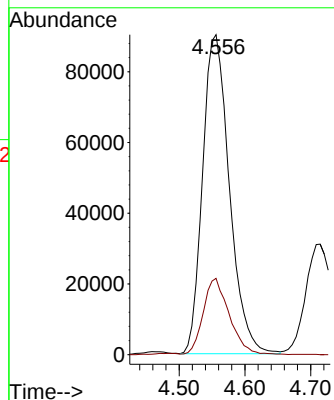
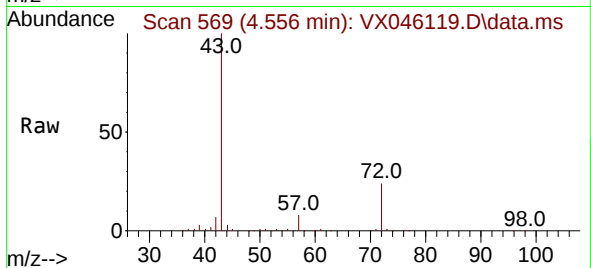
#25
2-Butanone
Concen: 263.824 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508MS

Tgt Ion: 43 Resp: 256138
Ion Ratio Lower Upper
43 100
72 23.7 18.4 27.6

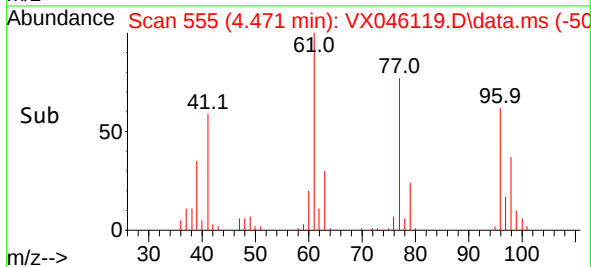
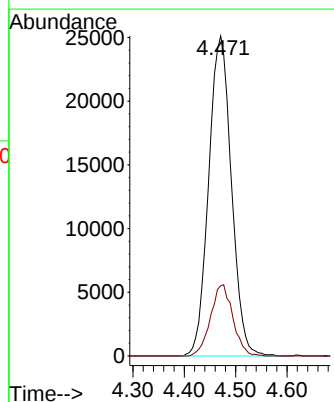
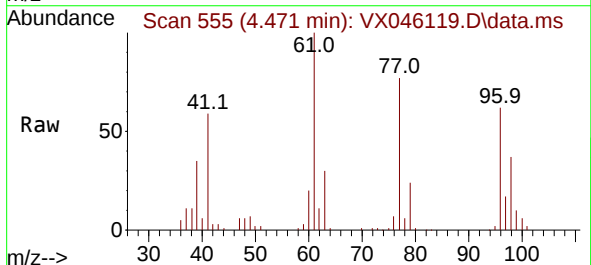
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#26
2,2-Dichloropropane
Concen: 45.224 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

Tgt Ion: 77 Resp: 77210
Ion Ratio Lower Upper
77 100
97 21.8 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 53.600 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX046119.D

Acq: 09 May 2025 16:47

Instrument :

MSVOA_X

ClientSampleId :

MW-3-20250508MS

Tgt Ion: 96 Resp: 68830

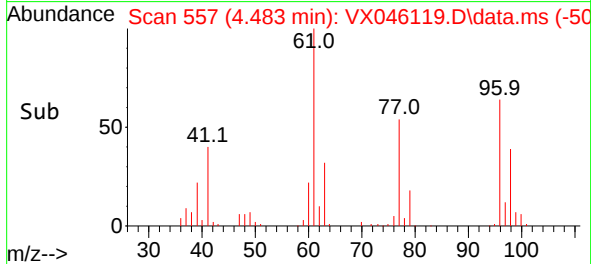
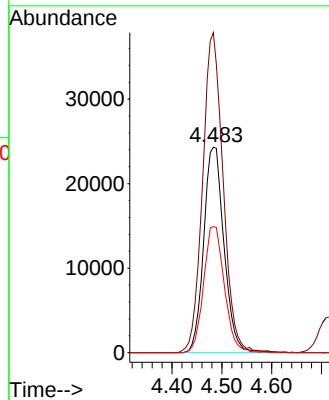
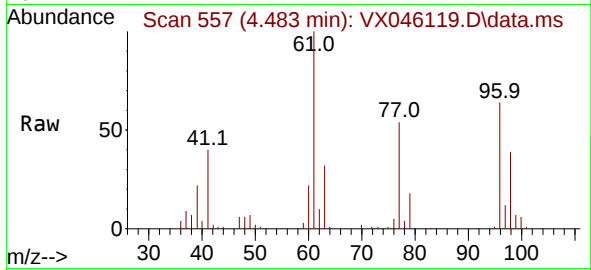
Ion	Ratio	Lower	Upper
96	100		
61	157.2	0.0	322.8
98	62.7	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#28

Bromochloromethane

Concen: 52.888 ug/l

RT: 4.891 min Scan# 624

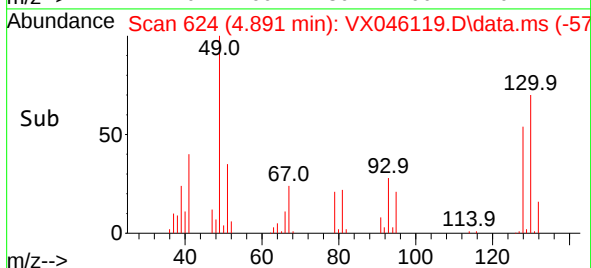
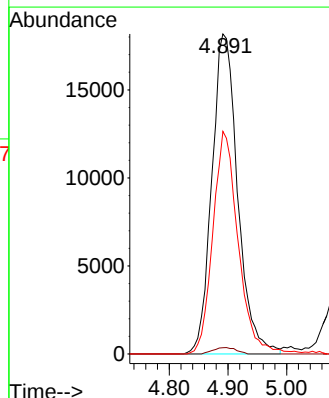
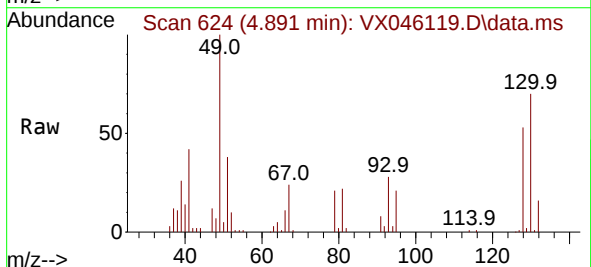
Delta R.T. -0.006 min

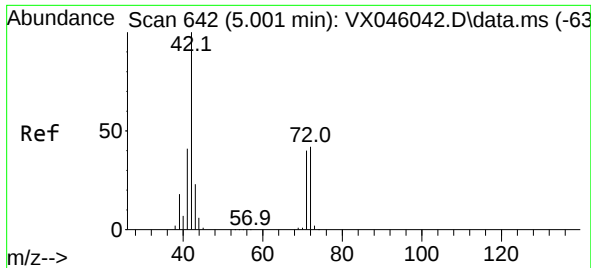
Lab File: VX046119.D

Acq: 09 May 2025 16:47

Tgt Ion: 49 Resp: 55529

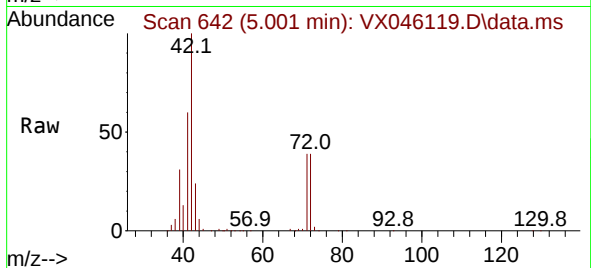
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	68.2	56.2	84.2





#29
Tetrahydrofuran
Concen: 268.176 ug/l
RT: 5.001 min Scan# 642
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

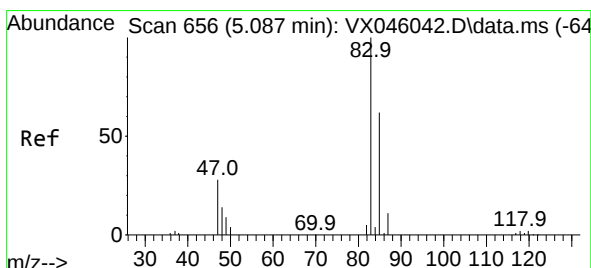
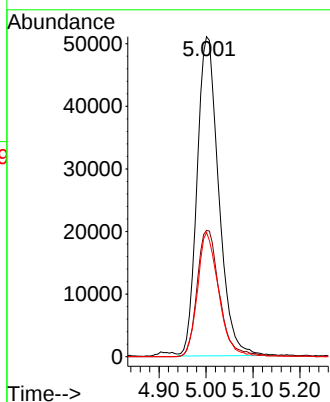
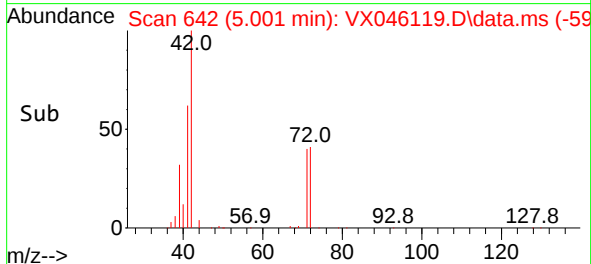
Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508MS



Tgt Ion: 42 Resp: 163150
Ion Ratio Lower Upper
42 100
72 41.0 33.7 50.5
71 38.1 31.4 47.2

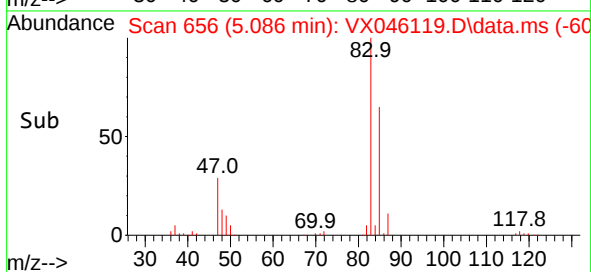
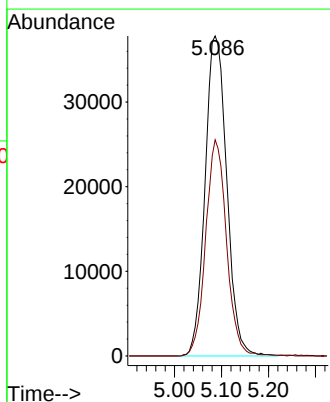
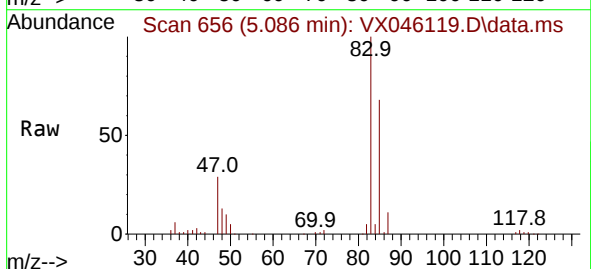
Manual Integrations
APPROVED

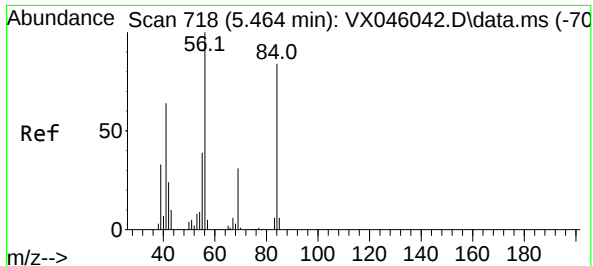
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#30
Chloroform
Concen: 53.314 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

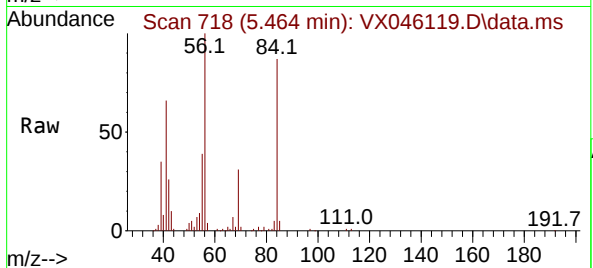
Tgt Ion: 83 Resp: 121210
Ion Ratio Lower Upper
83 100
85 67.5 49.3 73.9





#31
Cyclohexane
Concen: 52.460 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

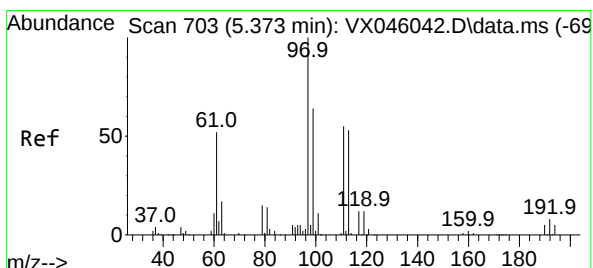
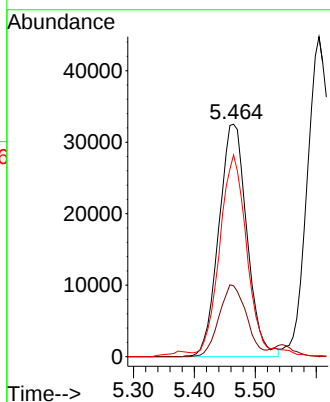
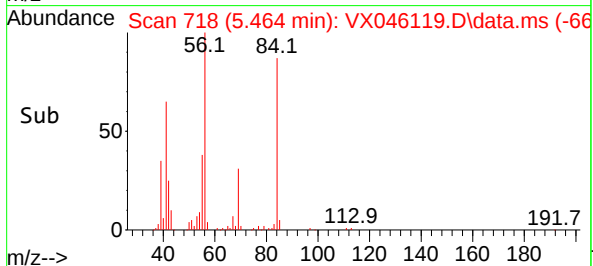
Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508MS



Tgt Ion: 56 Resp: 10427
Ion Ratio Lower Upper
56 100
69 30.5 24.4 36.6
84 84.4 66.9 100.3

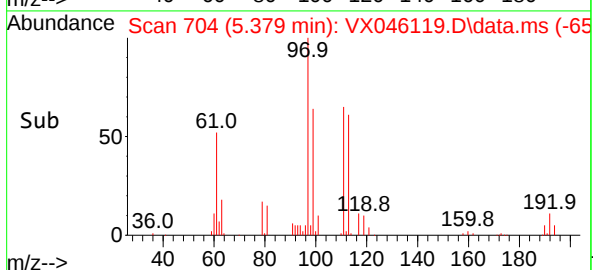
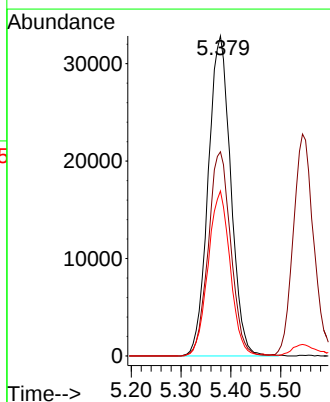
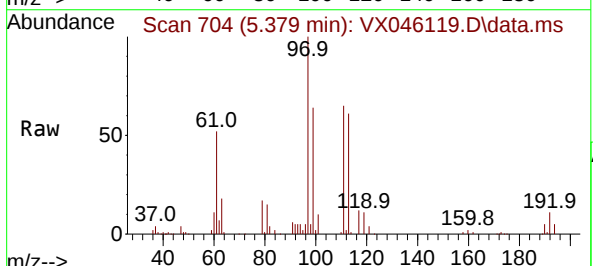
Manual Integrations
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Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#32
1,1,1-Trichloroethane
Concen: 52.333 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

Tgt Ion: 97 Resp: 103138
Ion Ratio Lower Upper
97 100
99 63.8 51.8 77.6
61 50.8 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 53.215 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046119.D

Acq: 09 May 2025 16:47

Instrument :

MSVOA_X

ClientSampleId :

MW-3-20250508MS

Tgt Ion: 65 Resp: 88750

Ion Ratio Lower Upper

65 100

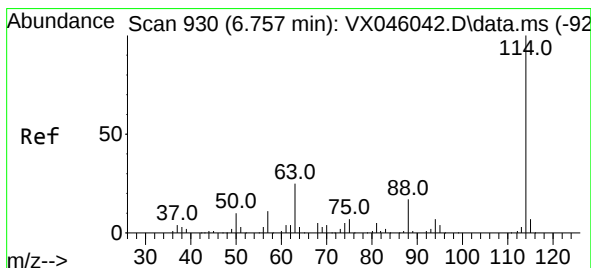
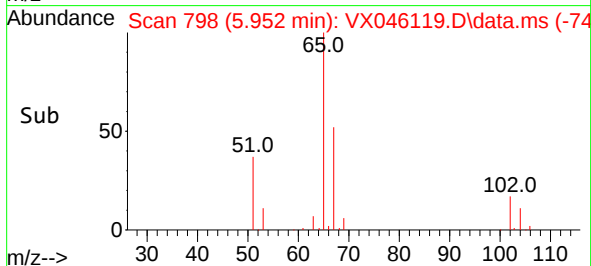
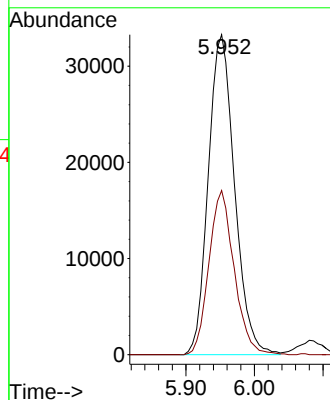
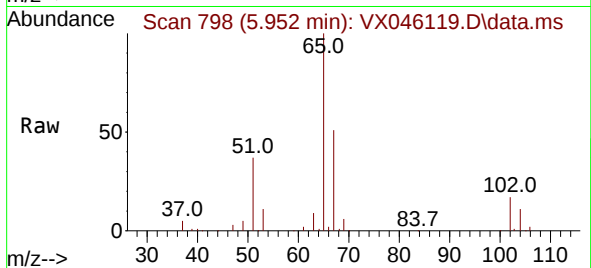
67 49.3 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046119.D

Acq: 09 May 2025 16:47

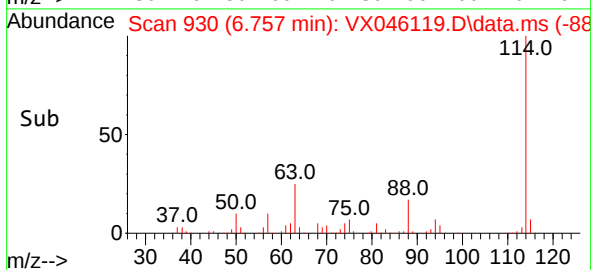
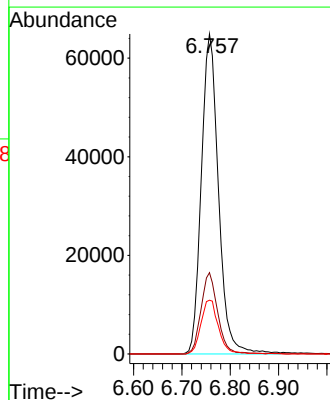
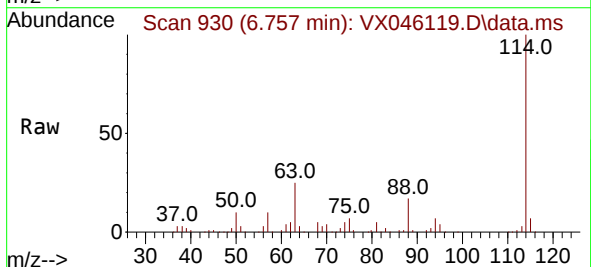
Tgt Ion:114 Resp: 159939

Ion Ratio Lower Upper

114 100

63 25.4 0.0 49.2

88 16.8 0.0 33.6





#35

Dibromofluoromethane

Concen: 52.371 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX046119.D

Acq: 09 May 2025 16:47

Instrument :

MSVOA_X

ClientSampleId :

MW-3-20250508MS

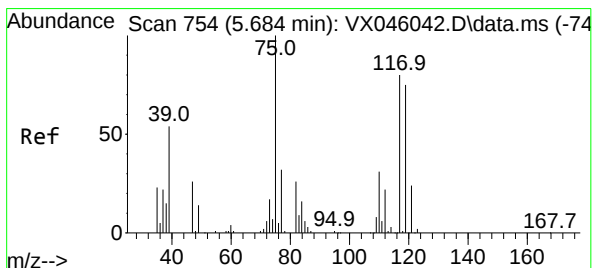
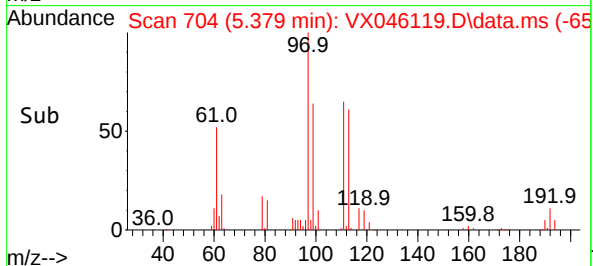
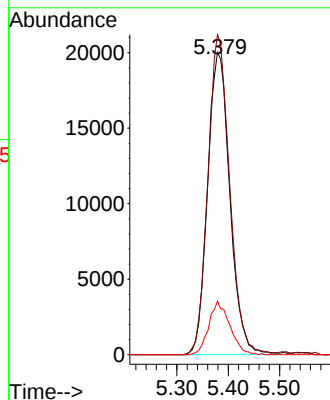
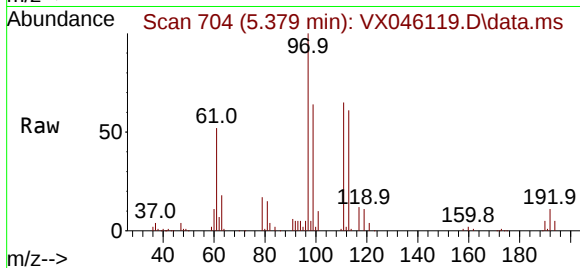
Tgt Ion:	113	Resp:	6031
Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.1	124.7
192	16.7	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#36

1,1-Dichloropropene

Concen: 50.918 ug/l

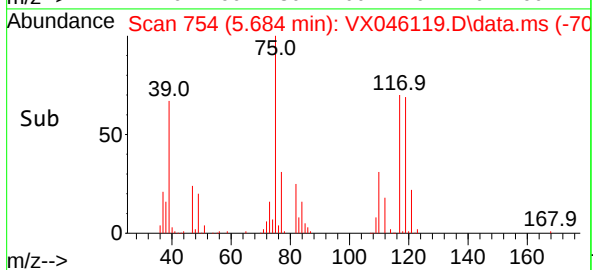
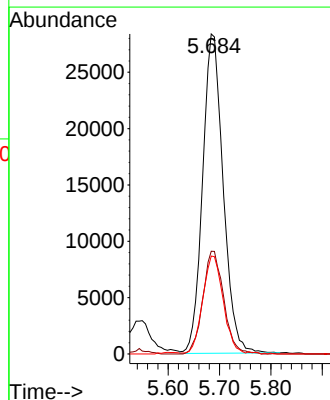
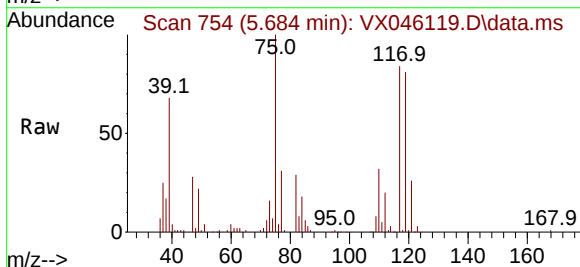
RT: 5.684 min Scan# 754

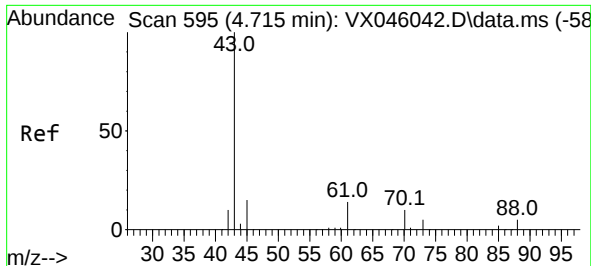
Delta R.T. -0.000 min

Lab File: VX046119.D

Acq: 09 May 2025 16:47

Tgt Ion:	75	Resp:	78794
Ion	Ratio	Lower	Upper
75	100		
110	32.6	16.3	48.9
77	30.0	24.3	36.5





#37

Ethyl Acetate

Concen: 49.209 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX046119.D

Acq: 09 May 2025 16:47

Instrument :

MSVOA_X

ClientSampleId :

MW-3-20250508MS

Tgt Ion: 43 Resp: 9408

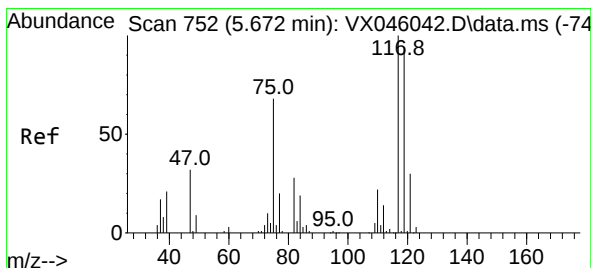
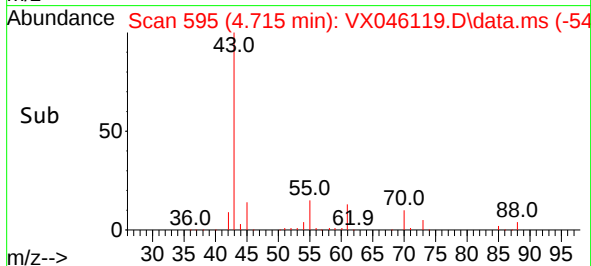
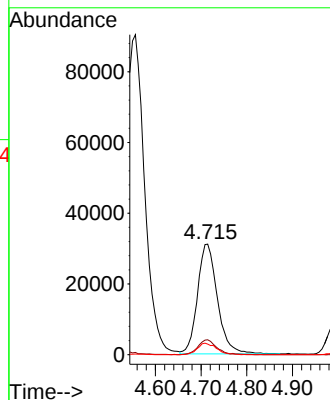
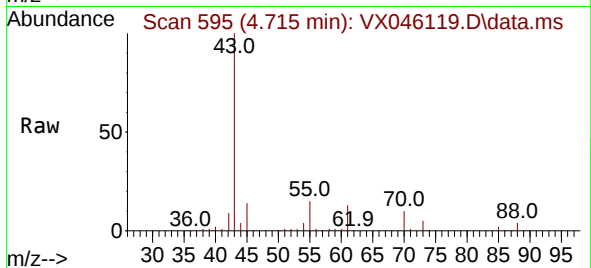
Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.3	15.5
70	10.0	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#38

Carbon Tetrachloride

Concen: 51.440 ug/l

RT: 5.672 min Scan# 752

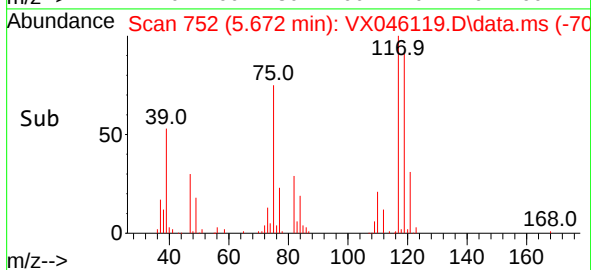
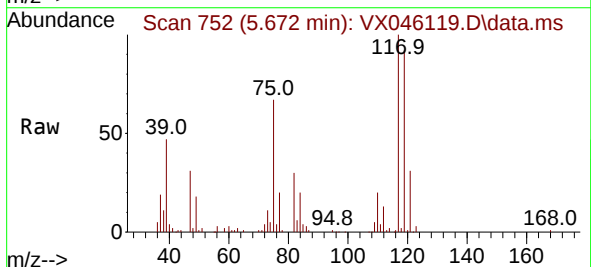
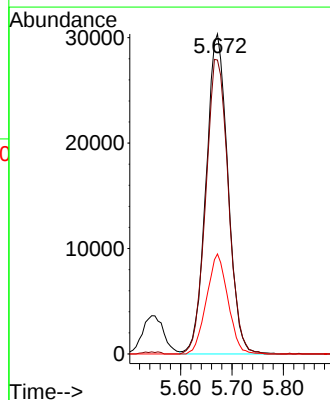
Delta R.T. -0.000 min

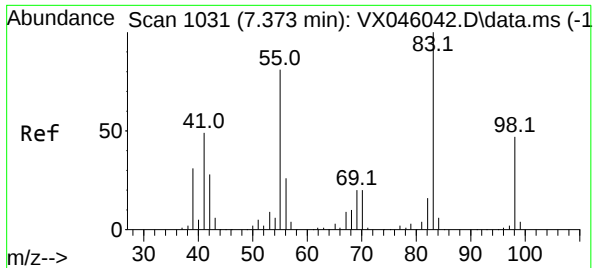
Lab File: VX046119.D

Acq: 09 May 2025 16:47

Tgt Ion:117 Resp: 89439

Ion	Ratio	Lower	Upper
117	100		
119	91.9	75.2	112.8
121	31.3	24.2	36.4





#39

Methylcyclohexane

Concen: 49.719 ug/l

RT: 7.379 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VX046119.D

Acq: 09 May 2025 16:47

Instrument :

MSVOA_X

ClientSampleId :

MW-3-20250508MS

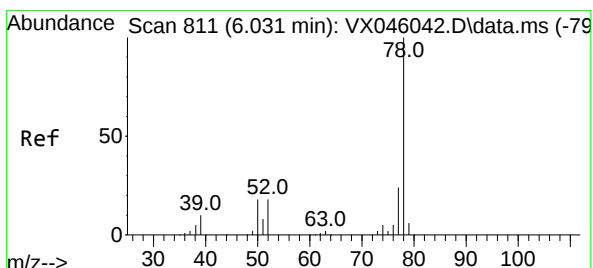
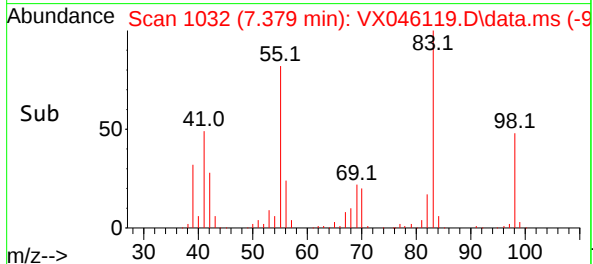
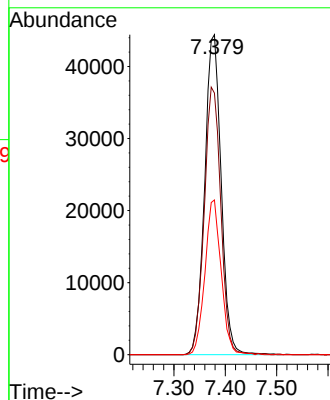
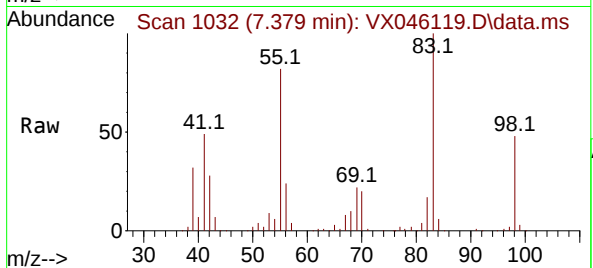
Tgt Ion: 83 Resp: 99052
 Ion Ratio Lower Upper
 83 100
 55 81.7 64.7 97.1
 98 48.3 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#40

Benzene

Concen: 52.018 ug/l

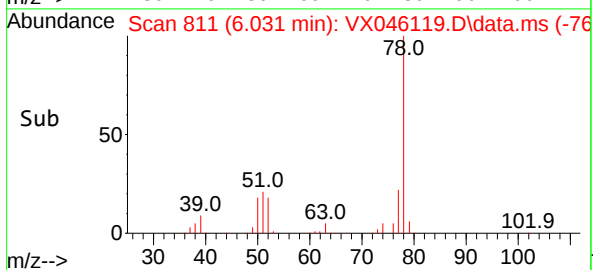
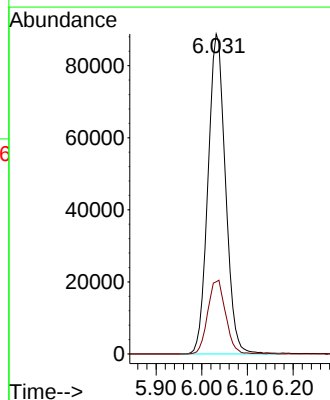
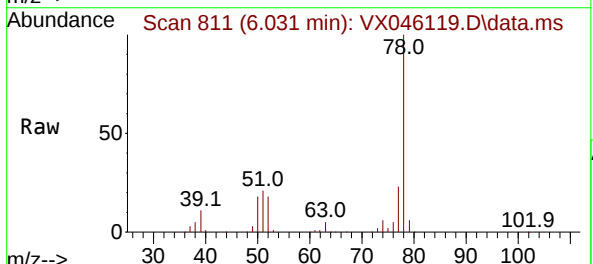
RT: 6.031 min Scan# 811

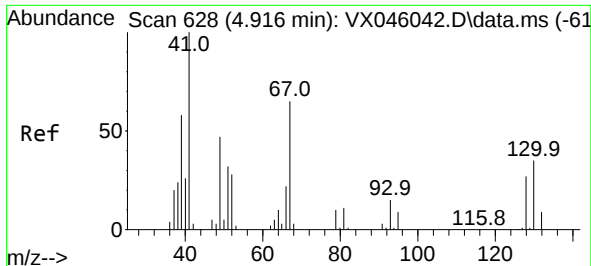
Delta R.T. -0.000 min

Lab File: VX046119.D

Acq: 09 May 2025 16:47

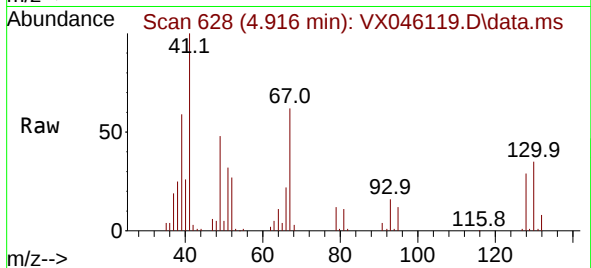
Tgt Ion: 78 Resp: 235780
 Ion Ratio Lower Upper
 78 100
 77 22.6 19.0 28.4





#41
Methacrylonitrile
Concen: 56.776 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

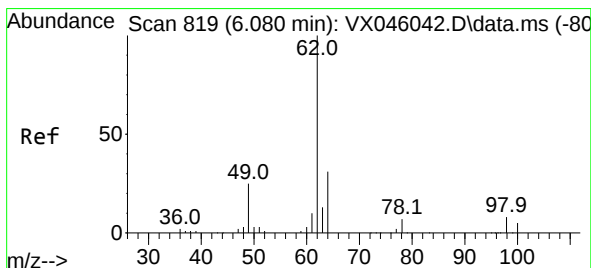
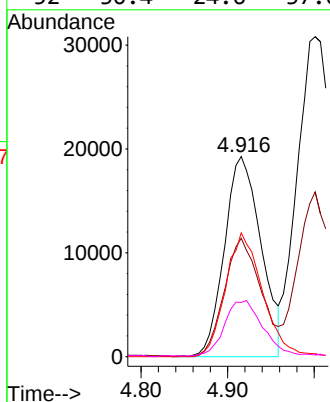
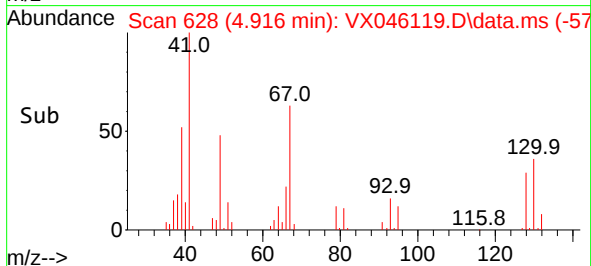
Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508MS



Tgt Ion: 41 Resp: 56784
Ion Ratio Lower Upper
41 100
39 59.1 47.2 70.8
67 62.7 50.7 76.1
52 30.4 24.6 37.0

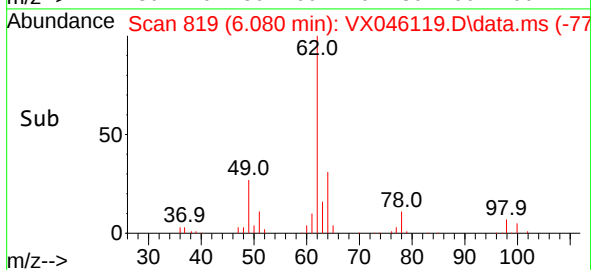
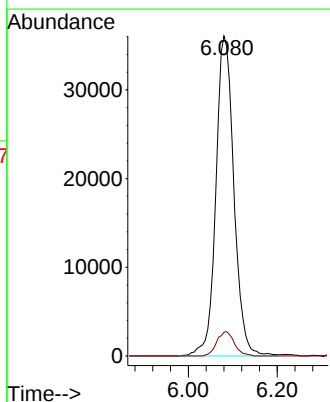
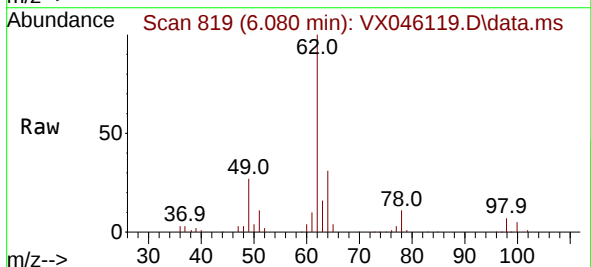
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#42
1,2-Dichloroethane
Concen: 51.782 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

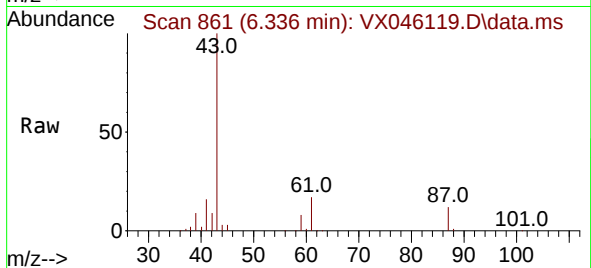
Tgt Ion: 62 Resp: 101300
Ion Ratio Lower Upper
62 100
98 7.4 0.0 15.2





#43
Isopropyl Acetate
Concen: 52.355 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

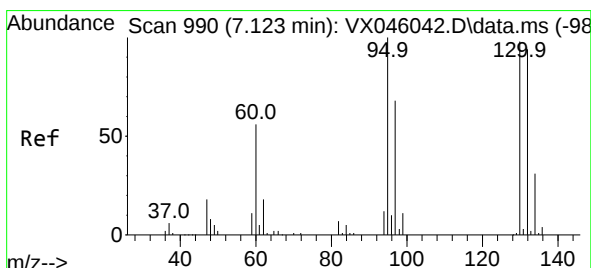
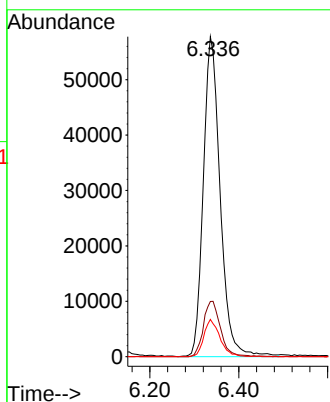
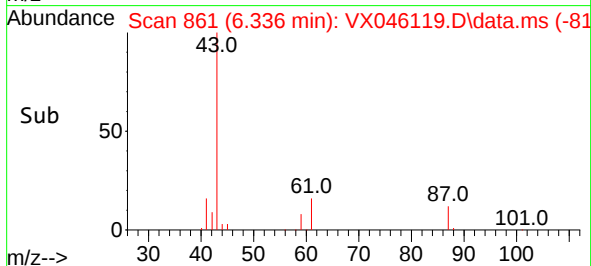
Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508MS



Tgt Ion: 43 Resp: 15270
Ion Ratio Lower Upper
43 100
61 17.6 14.3 21.5
87 11.0 9.5 14.3

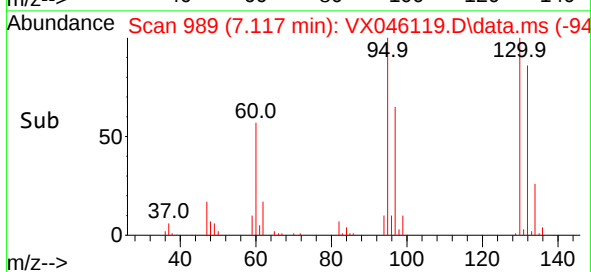
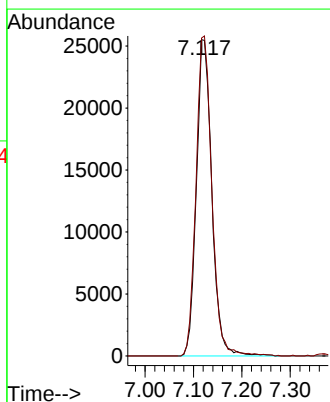
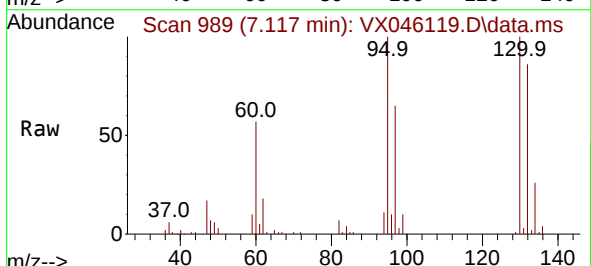
Manual Integrations
APPROVED

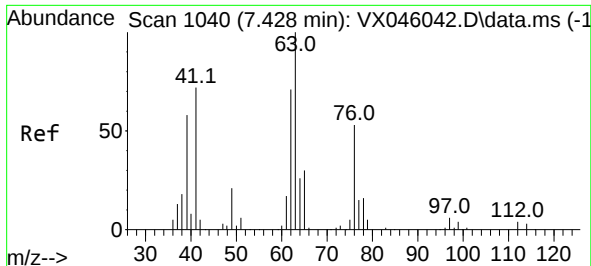
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#44
Trichloroethene
Concen: 51.846 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

Tgt Ion:130 Resp: 56560
Ion Ratio Lower Upper
130 100
95 100.5 0.0 204.2





#45

1,2-Dichloropropane

Concen: 52.667 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX046119.D

Acq: 09 May 2025 16:47

Instrument :

MSVOA_X

ClientSampleId :

MW-3-20250508MS

Tgt Ion: 63 Resp: 59360

Ion Ratio Lower Upper

63 100

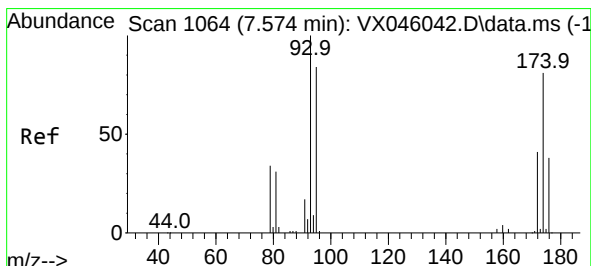
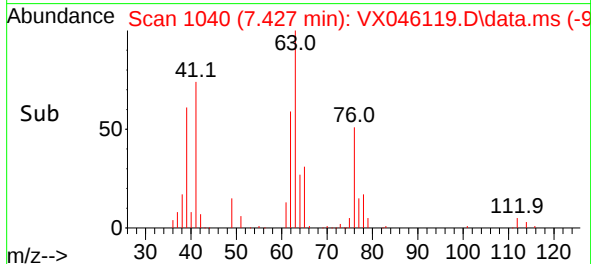
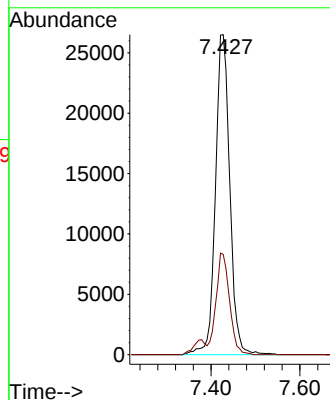
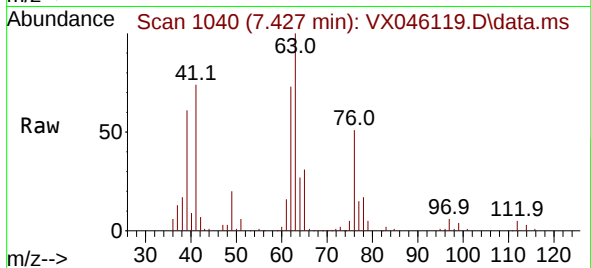
65 31.4 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#46

Dibromomethane

Concen: 51.207 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX046119.D

Acq: 09 May 2025 16:47

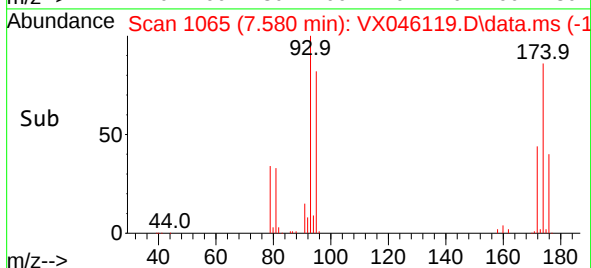
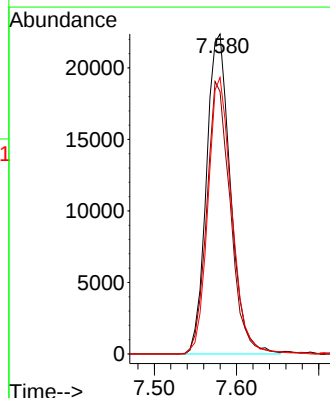
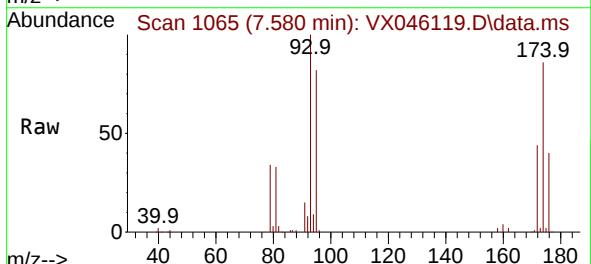
Tgt Ion: 93 Resp: 45520

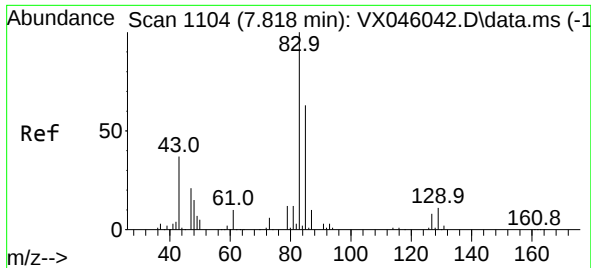
Ion Ratio Lower Upper

93 100

95 83.4 65.6 98.4

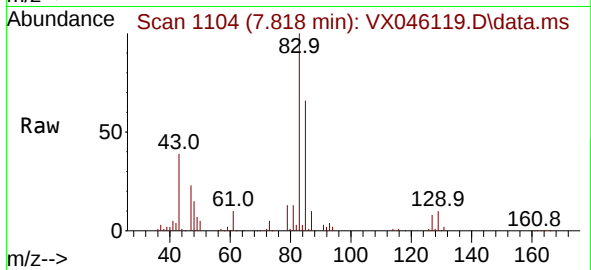
174 85.4 68.2 102.2





#47
Bromodichloromethane
Concen: 53.183 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

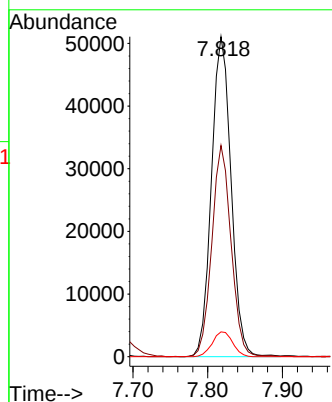
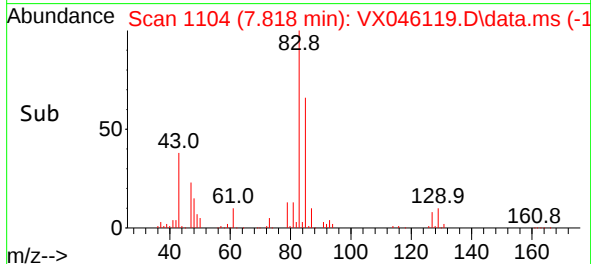
Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508MS



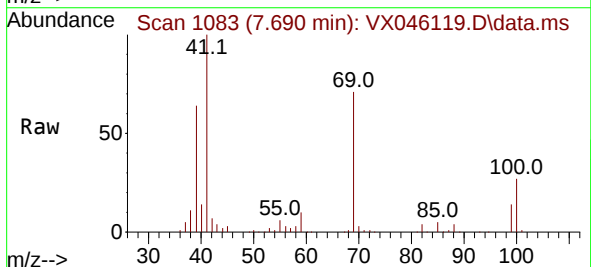
Tgt Ion: 83 Resp: 93114
Ion Ratio Lower Upper
83 100
85 66.0 50.5 75.7
127 7.7 6.5 9.7

Manual Integrations
APPROVED

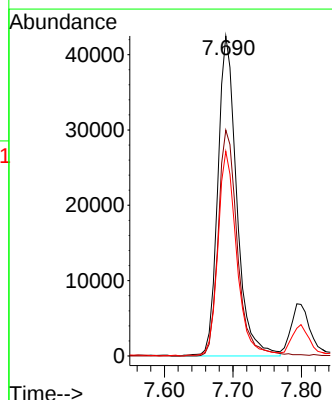
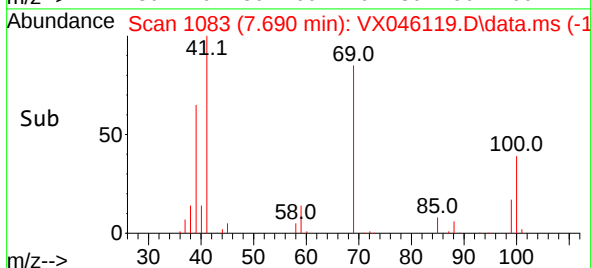
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

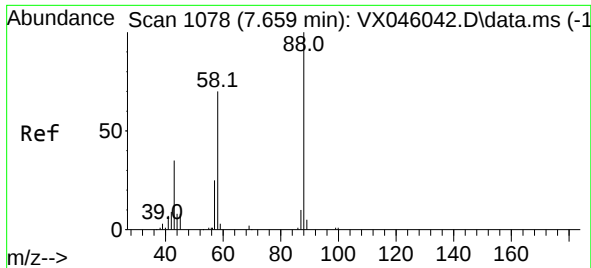


#48
Methyl methacrylate
Concen: 54.576 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47



Tgt Ion: 41 Resp: 81296
Ion Ratio Lower Upper
41 100
69 71.7 58.5 87.7
39 63.7 51.7 77.5





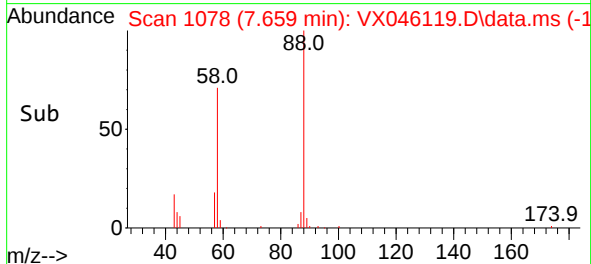
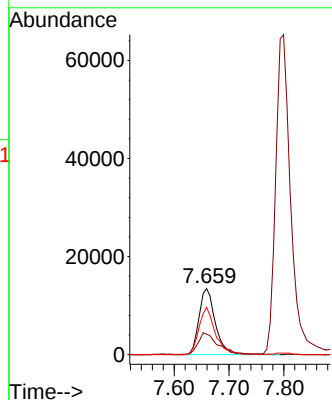
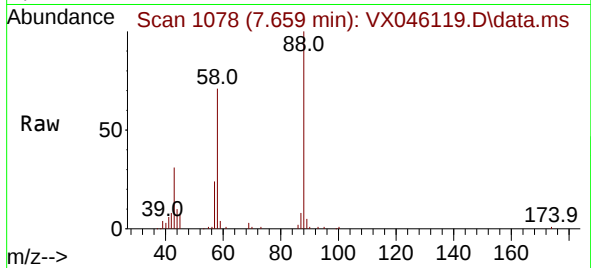
#49
1,4-Dioxane
Concen: 986.734 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508MS

Tgt Ion: 88 Resp: 27908
Ion Ratio Lower Upper
88 100
43 39.4 33.4 50.2
58 71.2 58.6 88.0

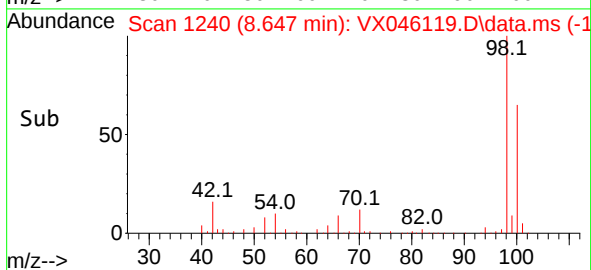
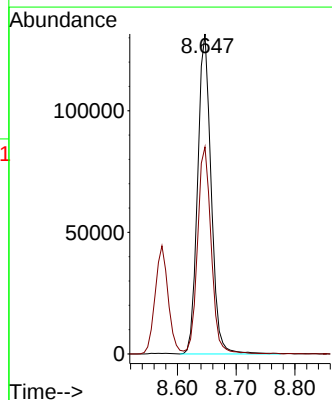
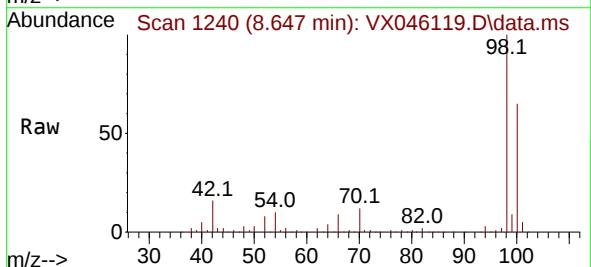
Manual Integrations
APPROVED

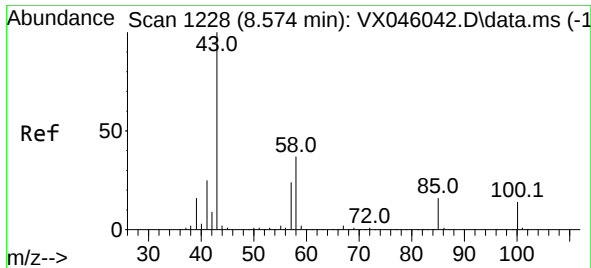
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#50
Toluene-d8
Concen: 52.649 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

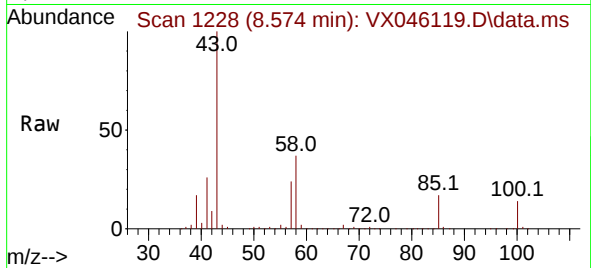
Tgt Ion: 98 Resp: 209876
Ion Ratio Lower Upper
98 100
100 65.1 53.5 80.3





#51
4-Methyl-2-Pentanone
Concen: 267.183 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

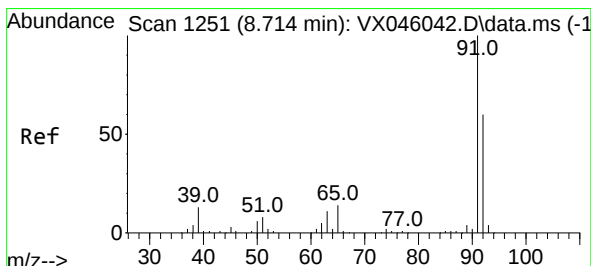
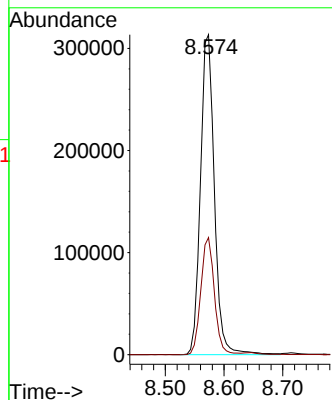
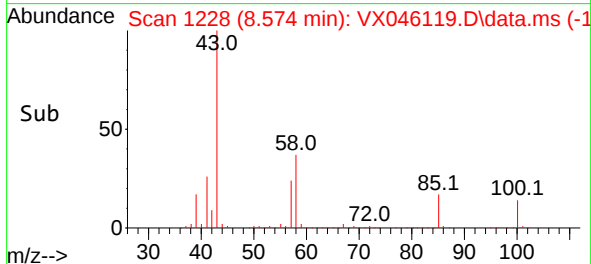
Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508MS



Tgt Ion: 43 Resp: 517284
Ion Ratio Lower Upper
43 100
58 35.8 28.9 43.3

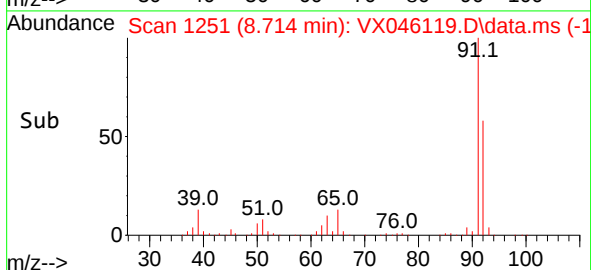
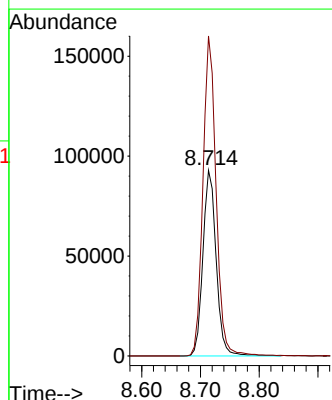
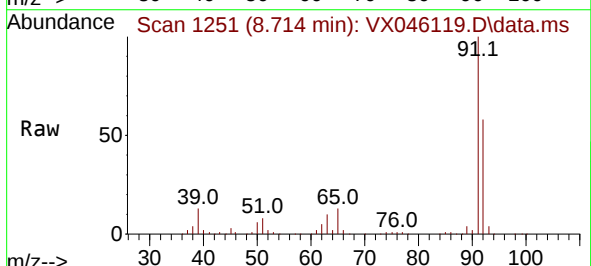
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#52
Toluene
Concen: 52.357 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

Tgt Ion: 92 Resp: 145518
Ion Ratio Lower Upper
92 100
91 171.0 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 51.709 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX046119.D

Acq: 09 May 2025 16:47

Instrument :

MSVOA_X

ClientSampleId :

MW-3-20250508MS

Tgt Ion: 75 Resp: 80470

Ion Ratio Lower Upper

75 100

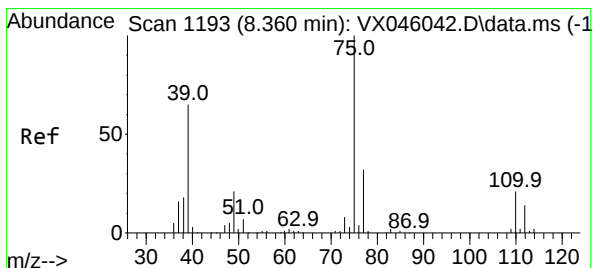
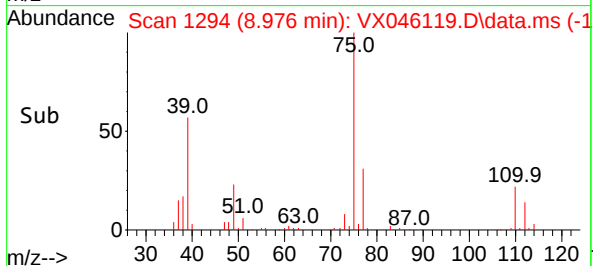
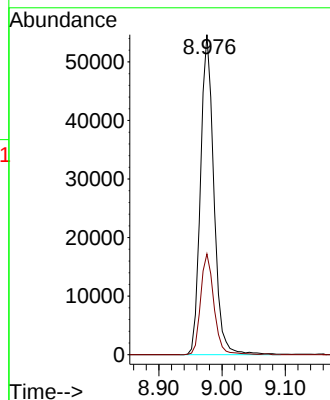
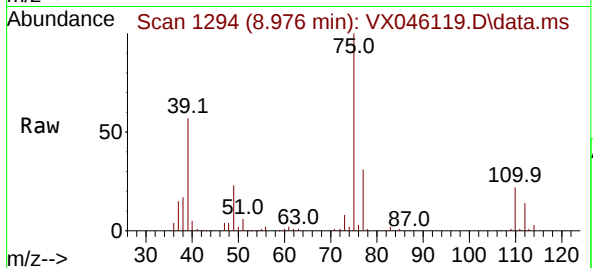
77 31.5 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#54

cis-1,3-Dichloropropene

Concen: 51.828 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX046119.D

Acq: 09 May 2025 16:47

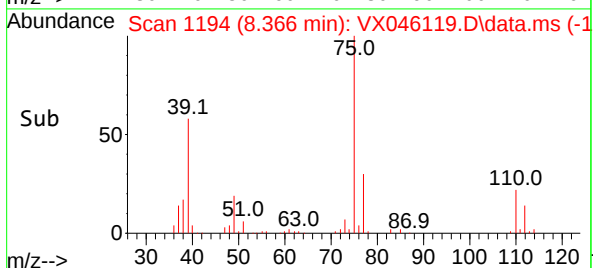
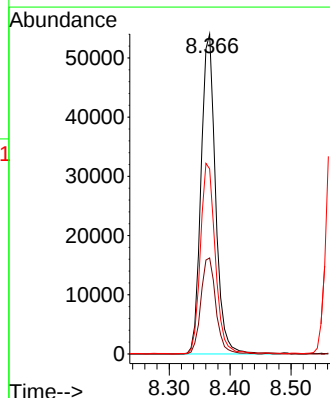
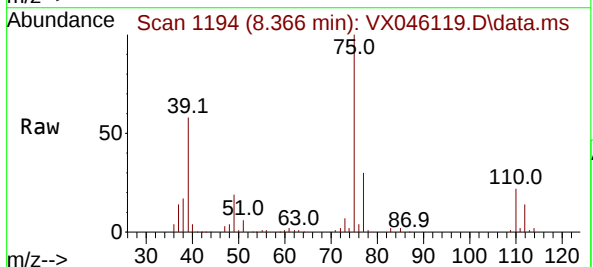
Tgt Ion: 75 Resp: 89145

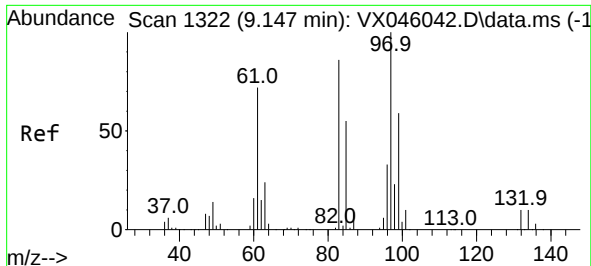
Ion Ratio Lower Upper

75 100

77 30.0 25.4 38.0

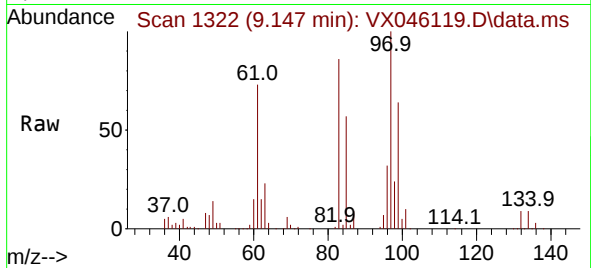
39 57.7 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 52.893 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

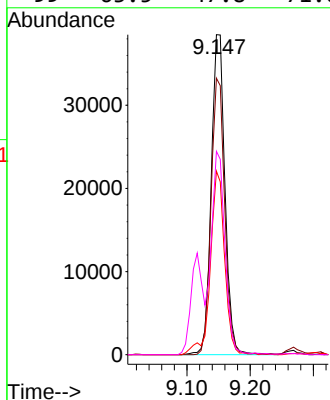
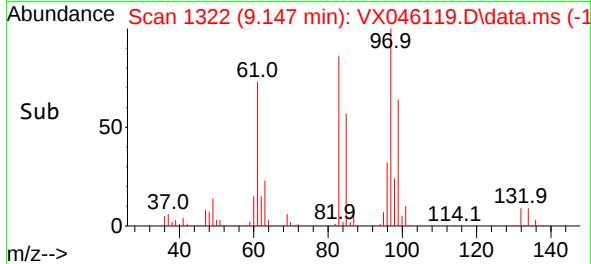
Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508MS



Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.4	69.0	103.6
85	57.3	44.3	66.5
99	63.5	47.8	71.6

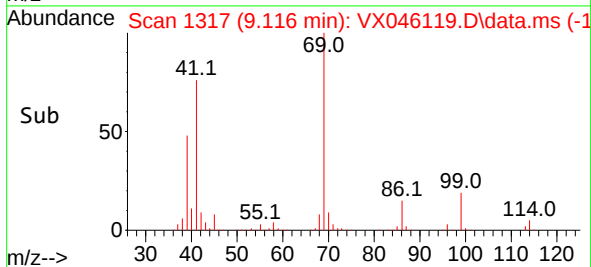
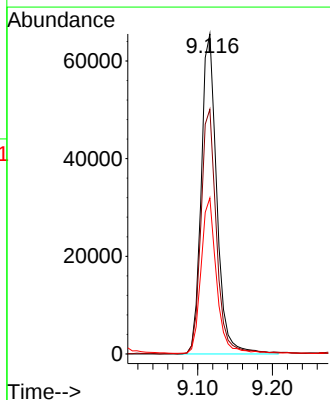
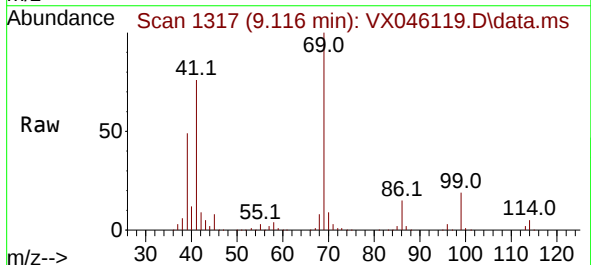
Manual Integrations
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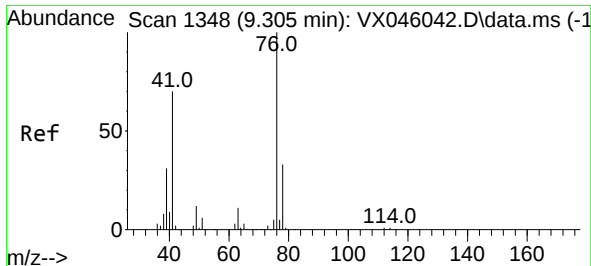
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#56
Ethyl methacrylate
Concen: 54.253 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

Tgt Ion	Ratio	Lower	Upper
69	100		
41	76.5	60.8	91.2
39	48.3	39.0	58.6





#57

1,3-Dichloropropane

Concen: 51.263 ug/l

RT: 9.305 min Scan# 1348

Delta R.T. -0.000 min

Lab File: VX046119.D

Acq: 09 May 2025 16:47

Instrument :

MSVOA_X

ClientSampleId :

MW-3-20250508MS

Tgt Ion: 76 Resp: 10089

Ion Ratio Lower Upper

76 100

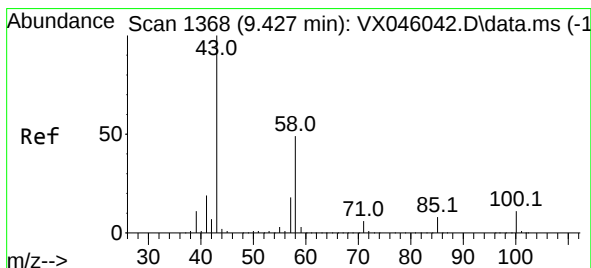
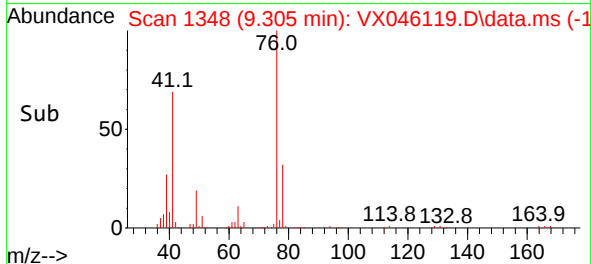
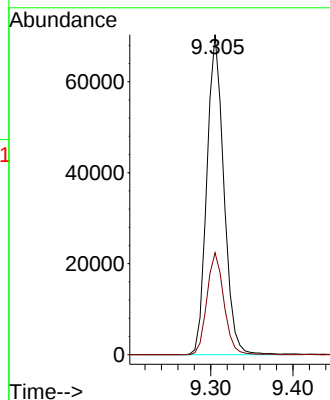
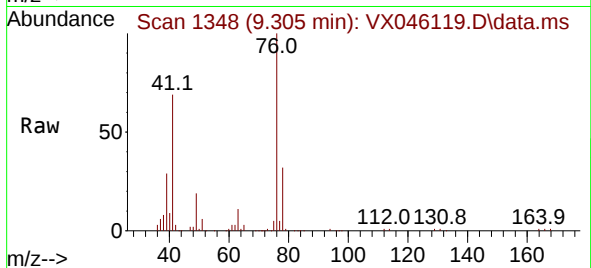
78 31.8 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#59

2-Hexanone

Concen: 269.910 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX046119.D

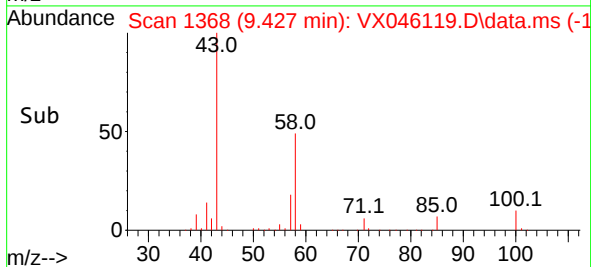
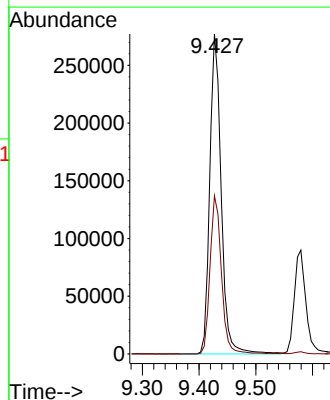
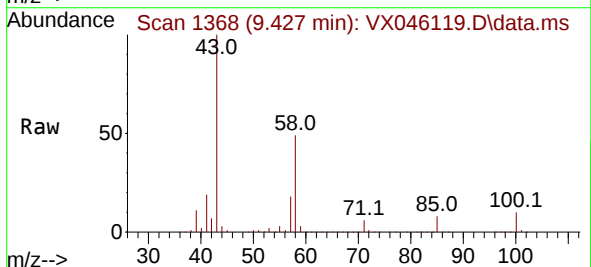
Acq: 09 May 2025 16:47

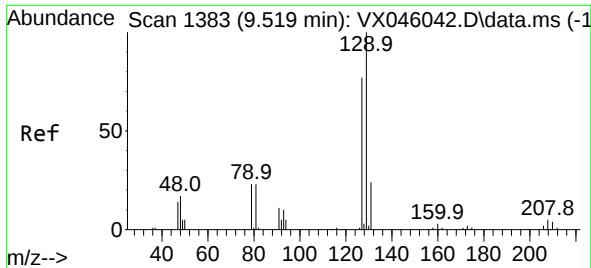
Tgt Ion: 43 Resp: 386611

Ion Ratio Lower Upper

43 100

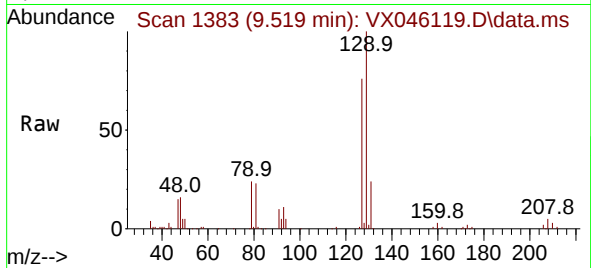
58 49.6 24.9 74.6





#60
Dibromochloromethane
Concen: 54.399 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

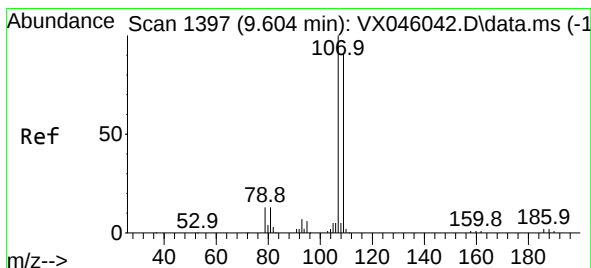
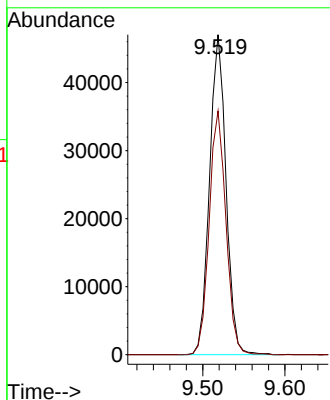
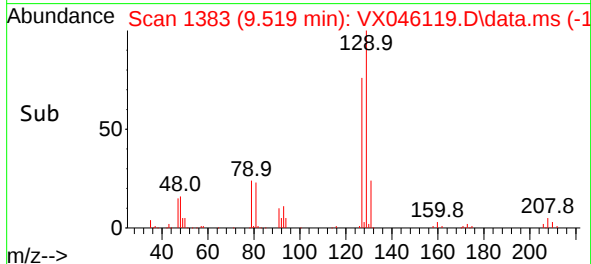
Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508MS



Tgt Ion:129 Resp: 65472
Ion Ratio Lower Upper
129 100
127 77.7 39.3 117.8

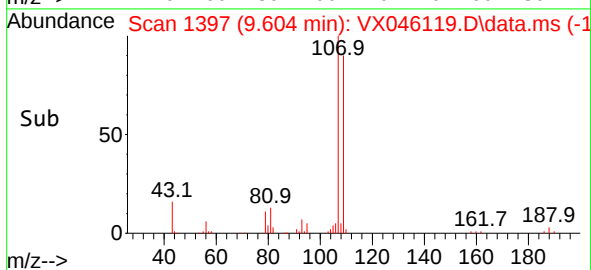
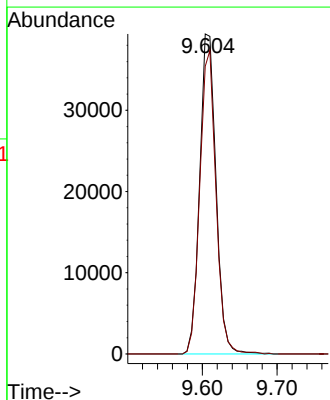
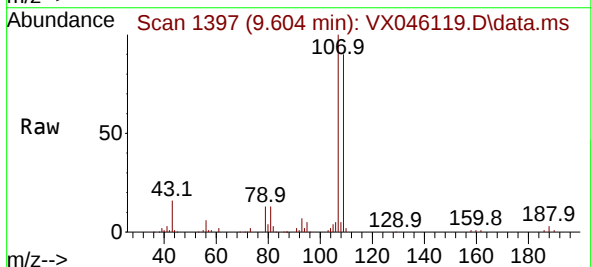
Manual Integrations
APPROVED

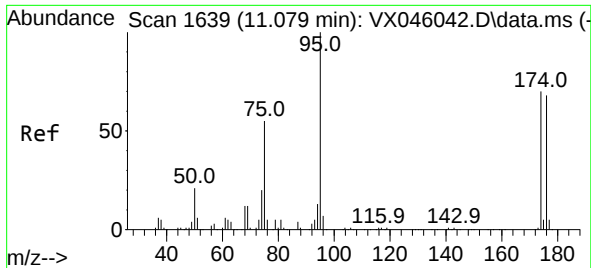
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#61
1,2-Dibromoethane
Concen: 52.564 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

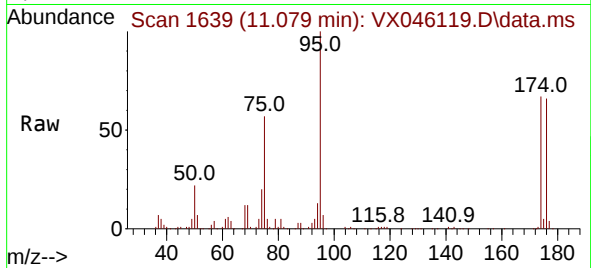
Tgt Ion:107 Resp: 59872
Ion Ratio Lower Upper
107 100
109 93.8 73.3 109.9





#62
4-Bromofluorobenzene
Concen: 52.770 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

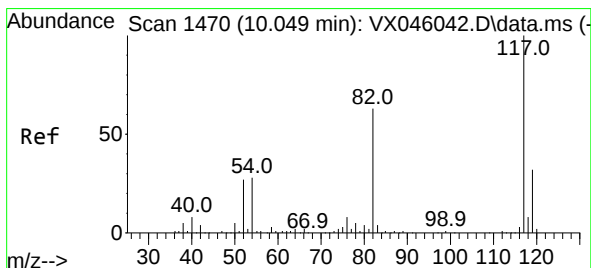
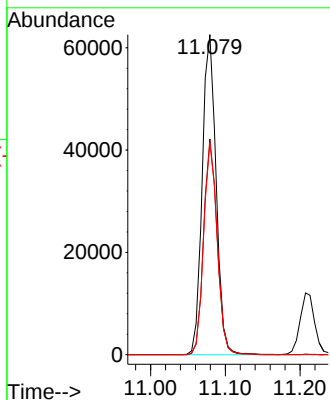
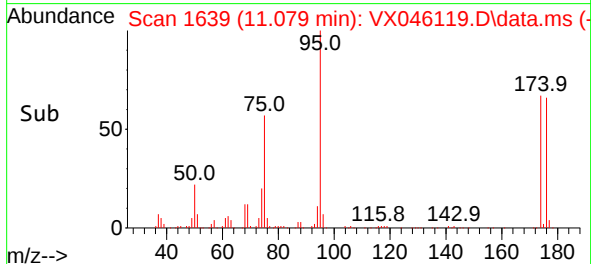
Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508MS



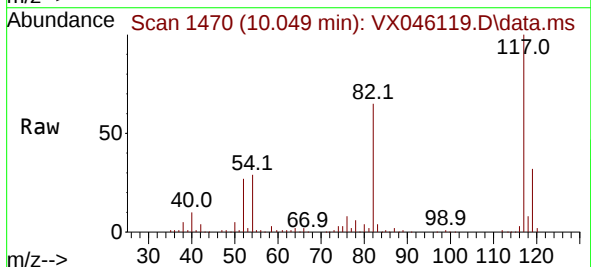
Tgt Ion: 95 Resp: 80689
Ion Ratio Lower Upper
95 100
174 65.5 0.0 135.8
176 64.4 0.0 131.4

Manual Integrations
APPROVED

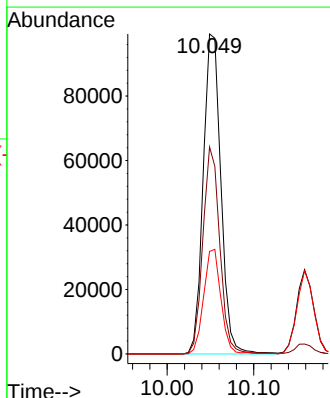
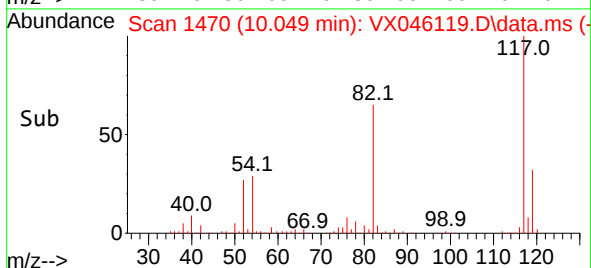
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

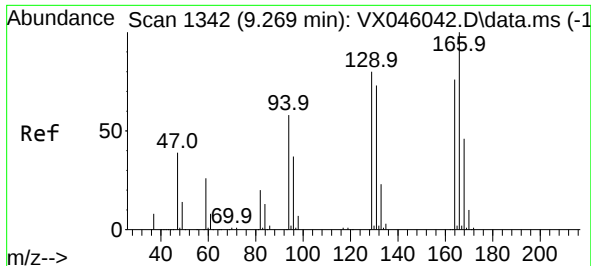


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47



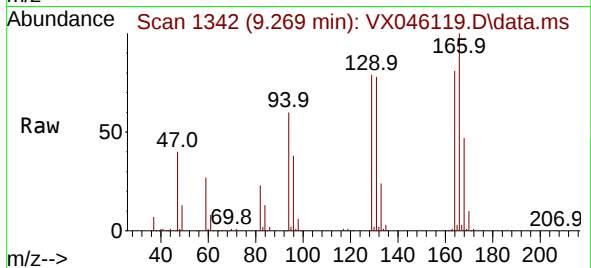
Tgt Ion:117 Resp: 140865
Ion Ratio Lower Upper
117 100
82 64.7 50.6 76.0
119 32.0 25.8 38.6





#64
Tetrachloroethene
Concen: 48.039 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

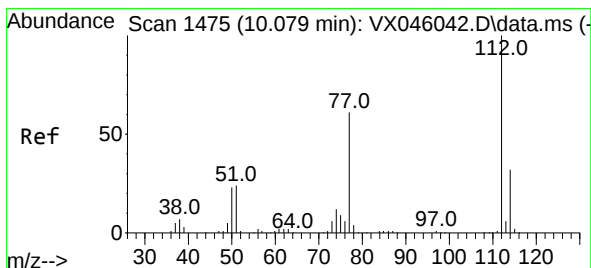
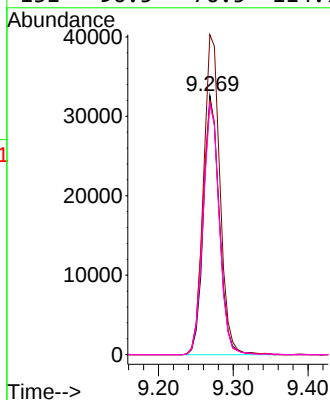
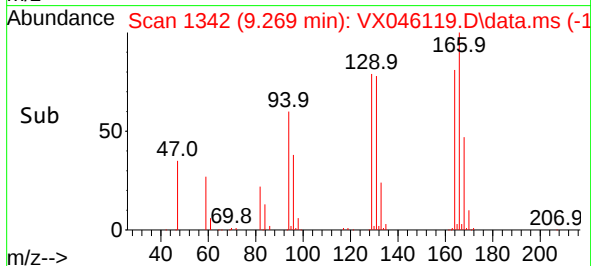
Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508MS



Tgt Ion:164 Resp: 47879
Ion Ratio Lower Upper
164 100
166 123.5 105.0 157.6
129 97.8 83.5 125.3
131 96.5 76.5 114.7

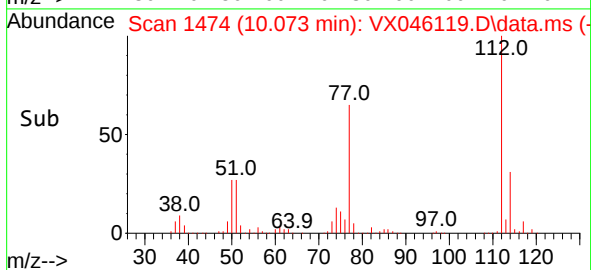
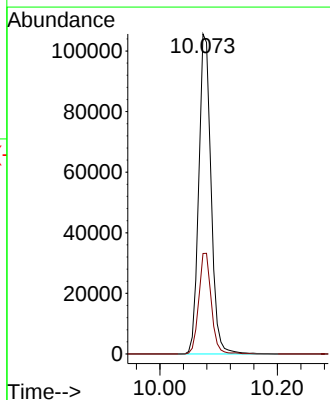
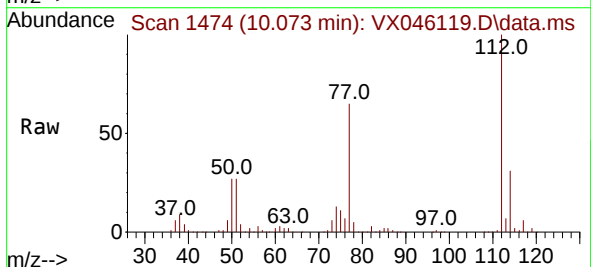
Manual Integrations
APPROVED

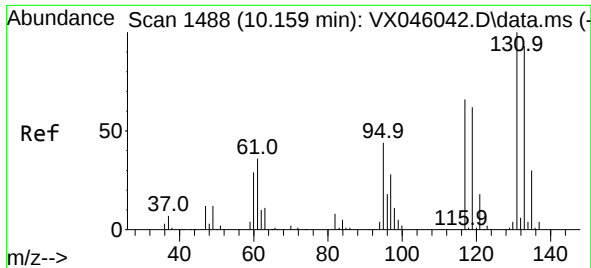
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#65
Chlorobenzene
Concen: 49.752 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

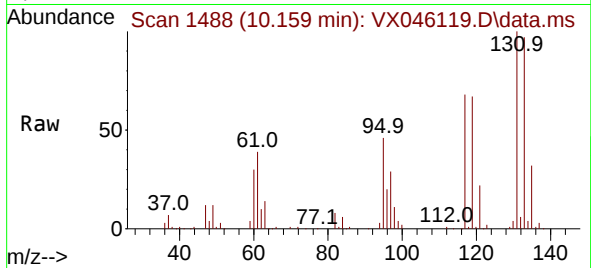
Tgt Ion:112 Resp: 153394
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2





#66
1,1,1,2-Tetrachloroethane
Concen: 50.398 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

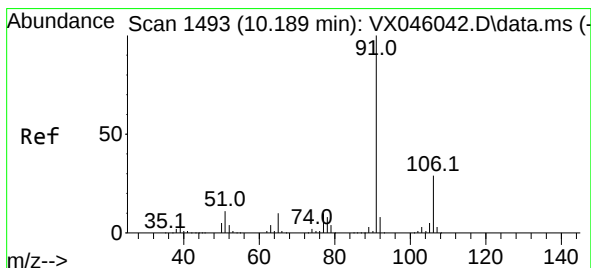
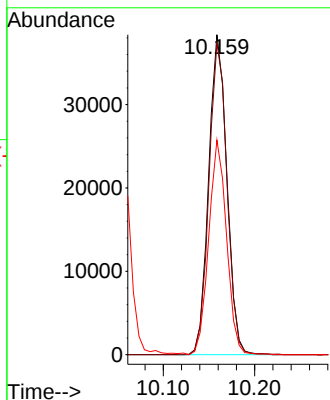
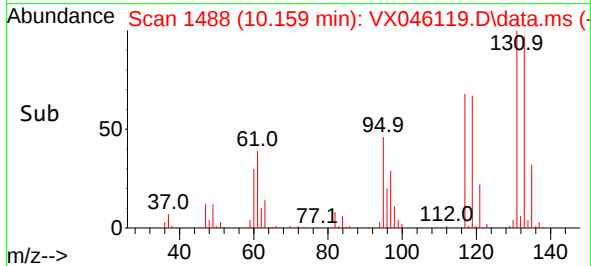
Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508MS



Tgt Ion:131 Resp: 53060
Ion Ratio Lower Upper
131 100
133 96.6 47.3 141.9
119 65.5 31.6 95.0

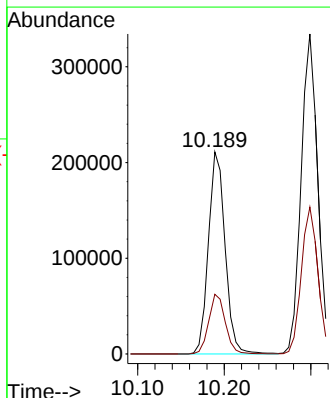
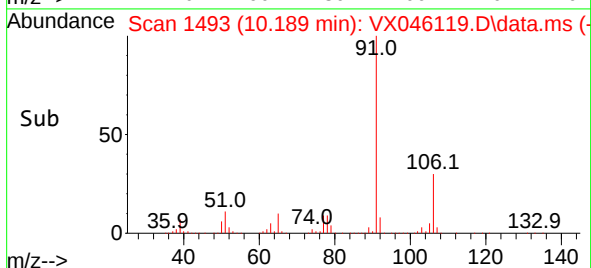
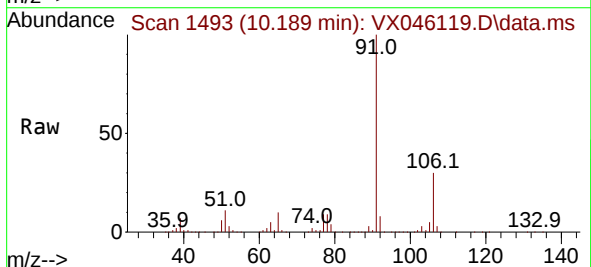
Manual Integrations
APPROVED

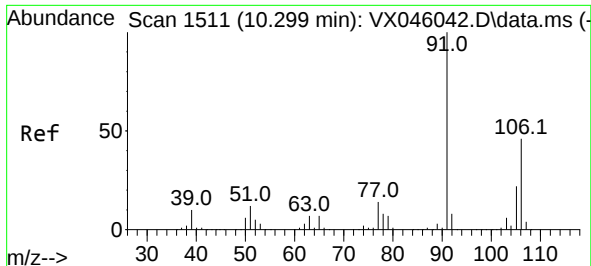
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#67
Ethyl Benzene
Concen: 52.053 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

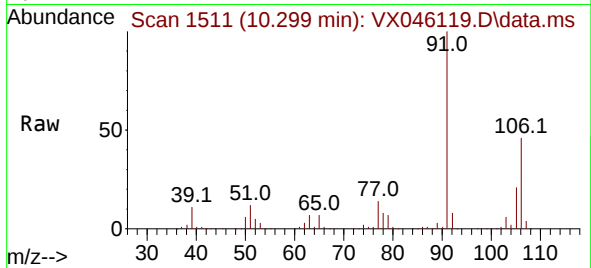
Tgt Ion: 91 Resp: 282897
Ion Ratio Lower Upper
91 100
106 29.6 23.4 35.2





#68
m/p-Xylenes
Concen: 103.814 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

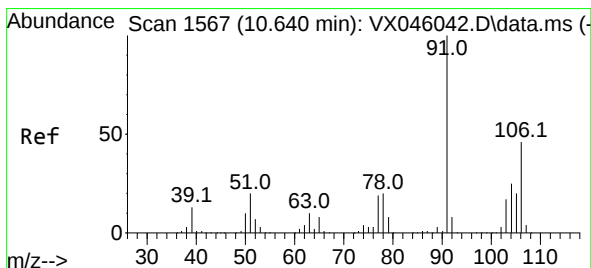
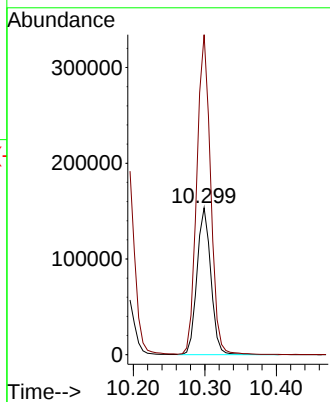
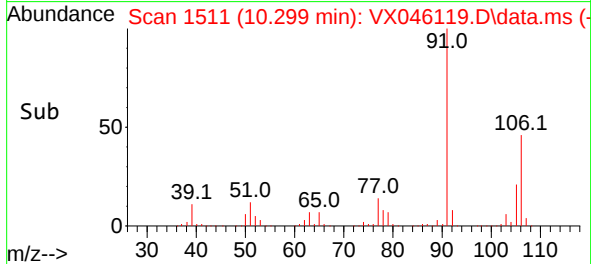
Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508MS



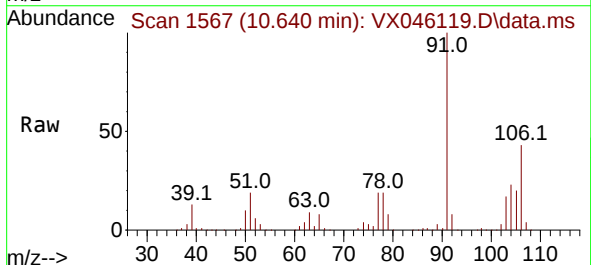
Tgt Ion:106 Resp: 206350
Ion Ratio Lower Upper
106 100
91 217.1 171.2 256.8

Manual Integrations
APPROVED

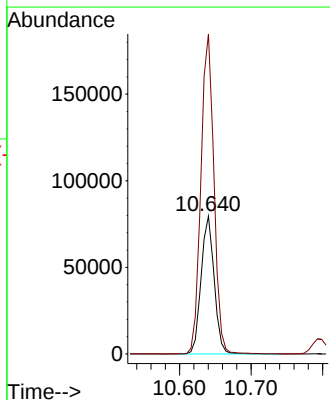
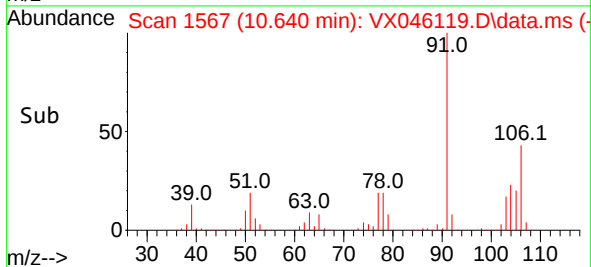
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

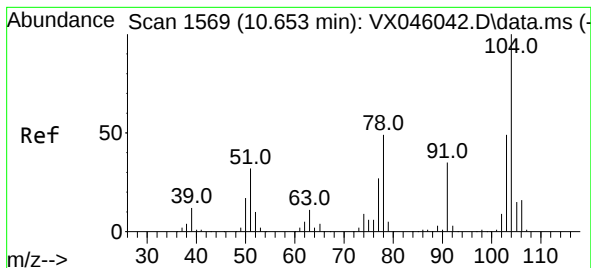


#69
o-Xylene
Concen: 52.109 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47



Tgt Ion:106 Resp: 100981
Ion Ratio Lower Upper
106 100
91 232.3 112.7 338.1





#70

Styrene

Concen: 53.662 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX046119.D

Acq: 09 May 2025 16:47

Instrument :

MSVOA_X

ClientSampleId :

MW-3-20250508MS

Tgt Ion:104 Resp: 170348

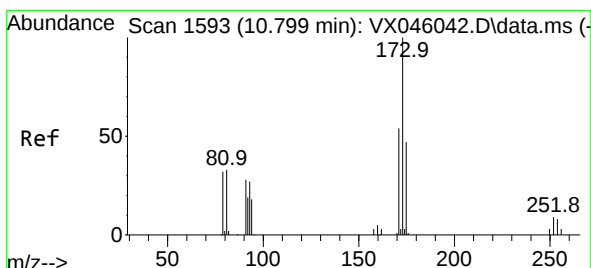
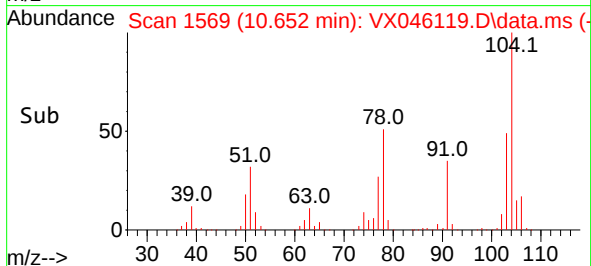
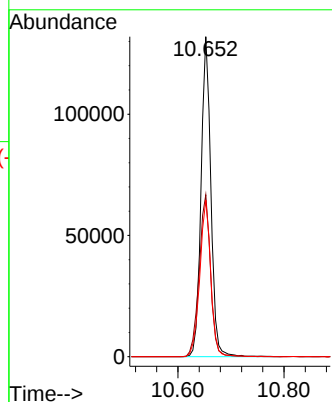
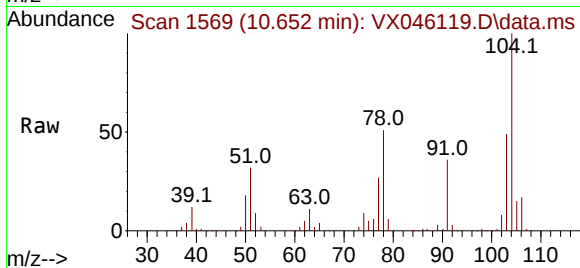
Ion	Ratio	Lower	Upper
104	100		
78	58.4	45.7	68.5
103	54.8	43.7	65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#71

Bromoform

Concen: 52.957 ug/l

RT: 10.799 min Scan# 1593

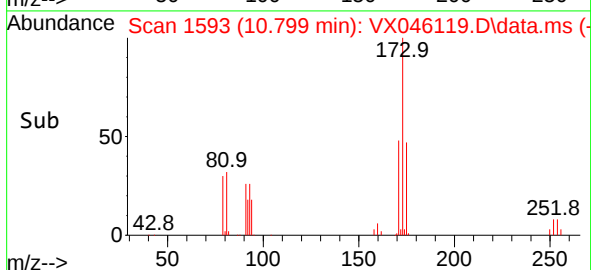
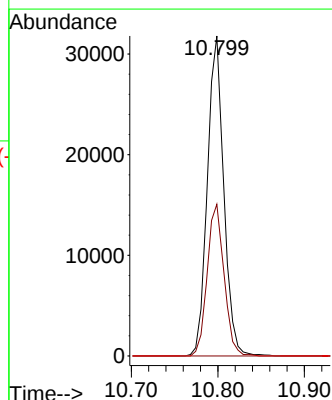
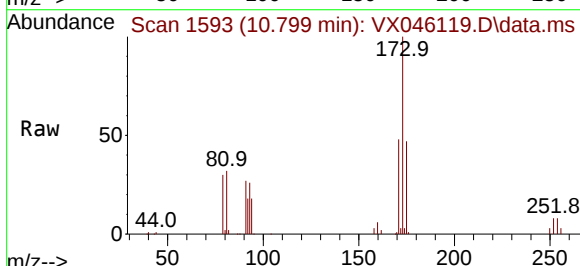
Delta R.T. -0.000 min

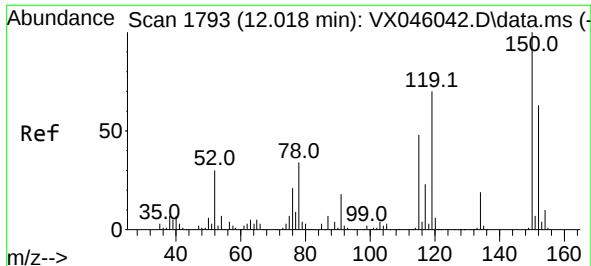
Lab File: VX046119.D

Acq: 09 May 2025 16:47

Tgt Ion:173 Resp: 41859

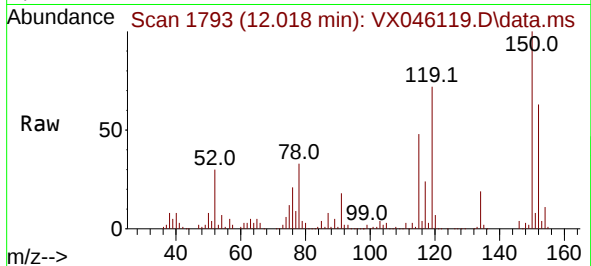
Ion	Ratio	Lower	Upper
173	100		
175	48.6	23.4	70.0
254	0.0	0.0	0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

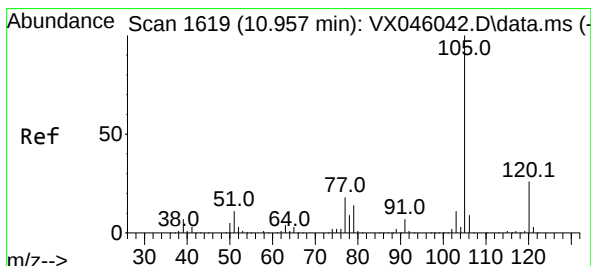
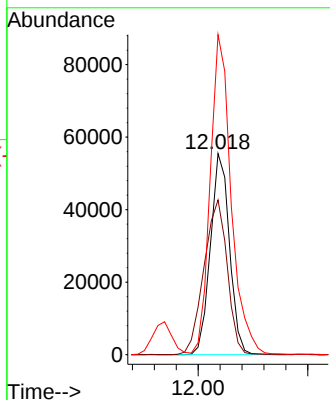
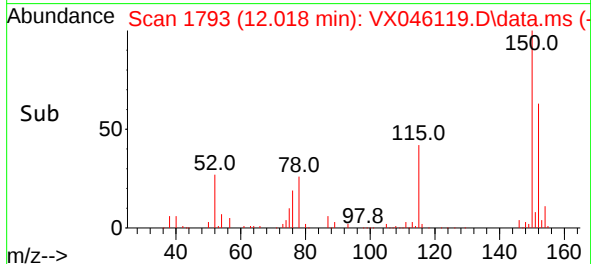
Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508MS



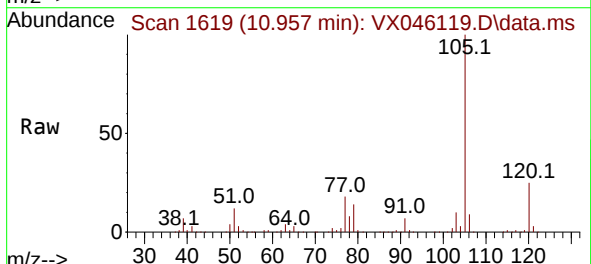
Tgt Ion:152 Resp: 66944
Ion Ratio Lower Upper
152 100
115 94.2 46.9 140.7
150 175.4 0.0 351.0

Manual Integrations
APPROVED

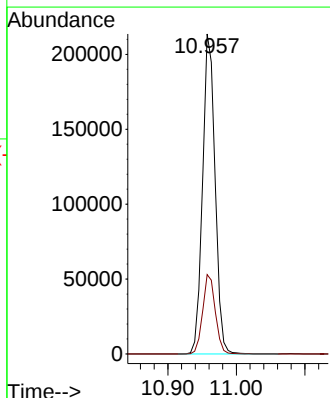
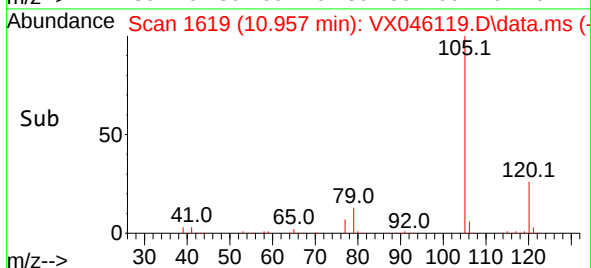
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

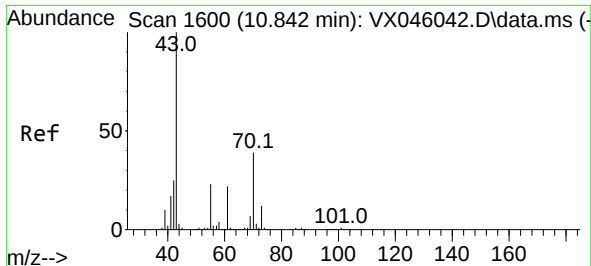


#73
Isopropylbenzene
Concen: 52.089 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47



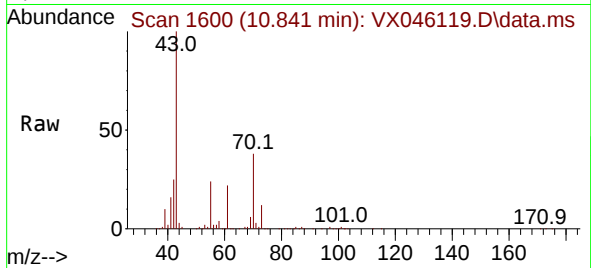
Tgt Ion:105 Resp: 271476
Ion Ratio Lower Upper
105 100
120 25.0 12.8 38.4





#74
N-amy1 acetate
Concen: 52.593 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

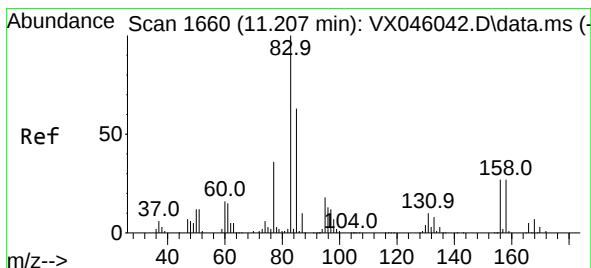
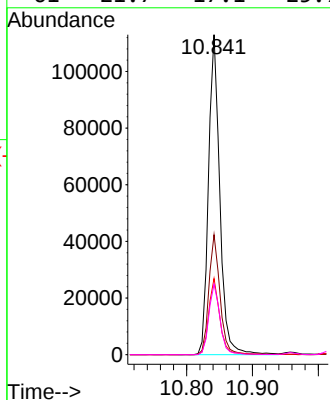
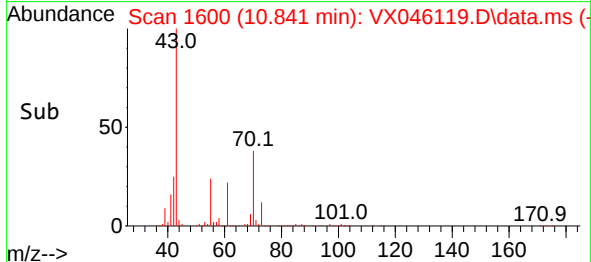
Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508MS



Tgt Ion: 43 Resp: 135448
Ion Ratio Lower Upper
43 100
70 36.9 30.9 46.3
55 23.4 18.7 28.1
61 21.7 17.1 25.7

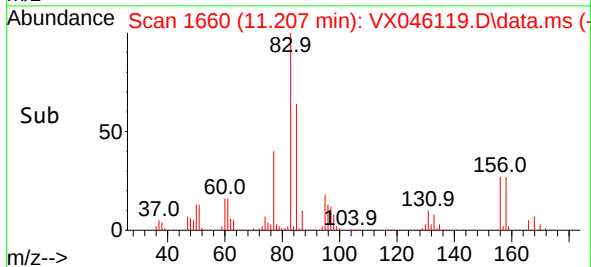
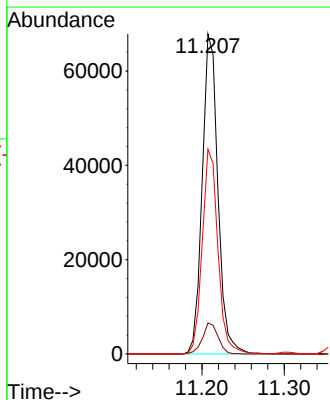
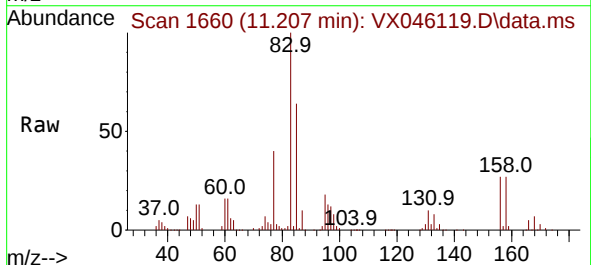
Manual Integrations
APPROVED

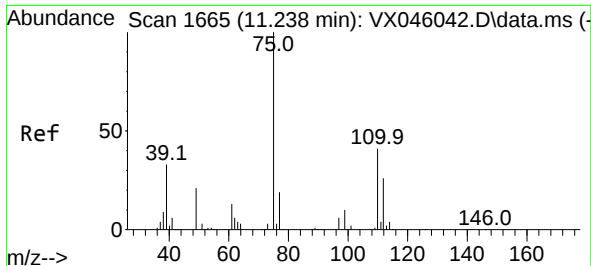
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#75
1,1,2,2-Tetrachloroethane
Concen: 49.256 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

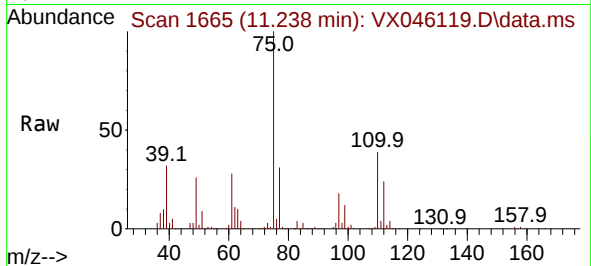
Tgt Ion: 83 Resp: 89960
Ion Ratio Lower Upper
83 100
131 9.7 5.0 14.9
85 64.1 31.9 95.7





#76
1,2,3-Trichloropropane
Concen: 49.213 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

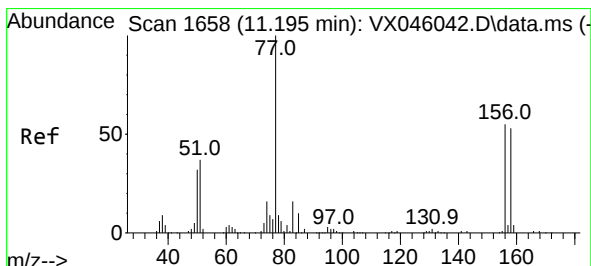
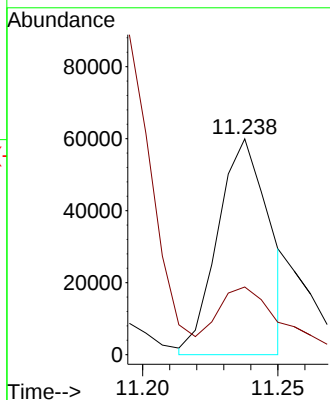
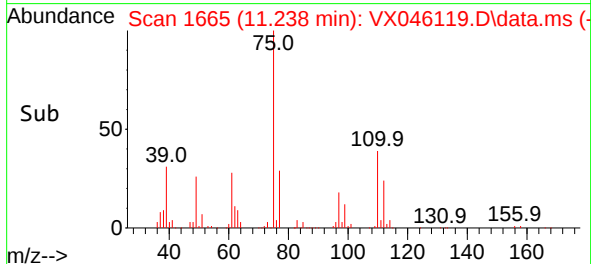
Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508MS



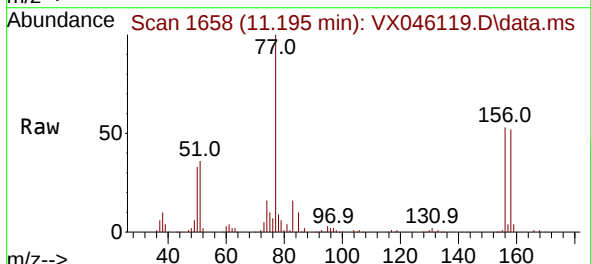
Tgt Ion: 75 Resp: 7930
Ion Ratio Lower Upper
75 100
77 39.9 20.5 61.5

Manual Integrations
APPROVED

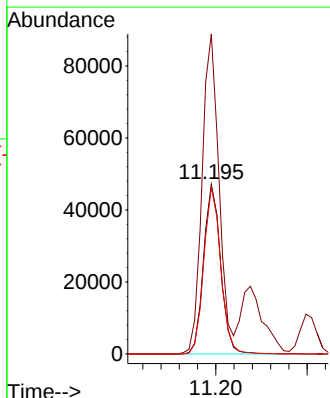
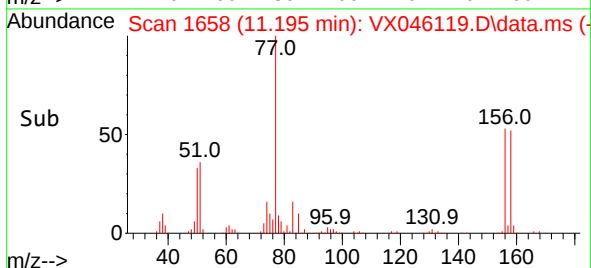
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

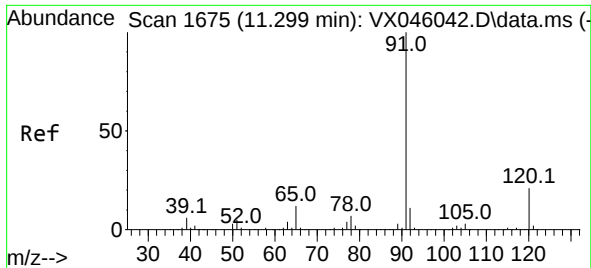


#77
Bromobenzene
Concen: 50.271 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47



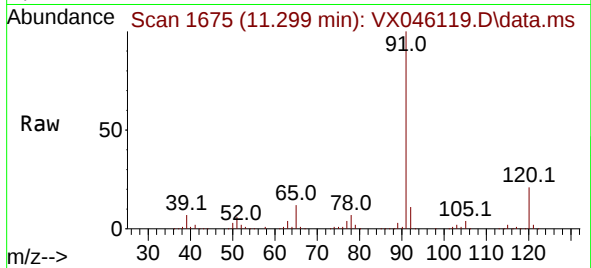
Tgt Ion:156 Resp: 60827
Ion Ratio Lower Upper
156 100
77 187.9 92.8 278.3
158 97.6 48.8 146.3





#78
n-propylbenzene
Concen: 52.462 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

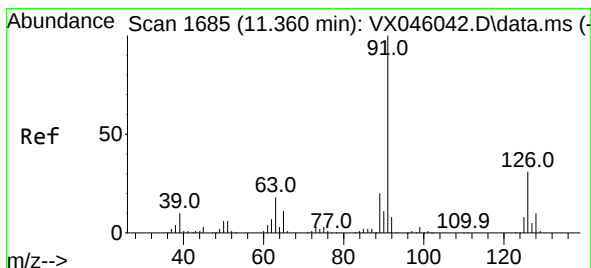
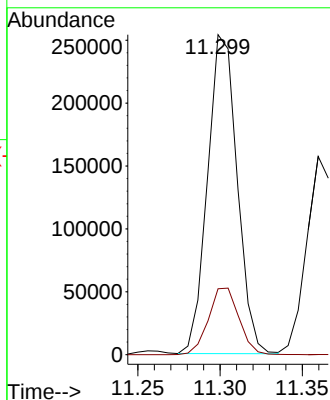
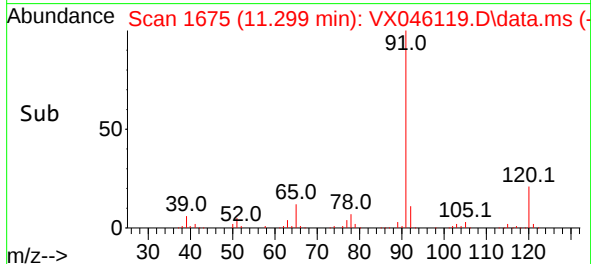
Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508MS



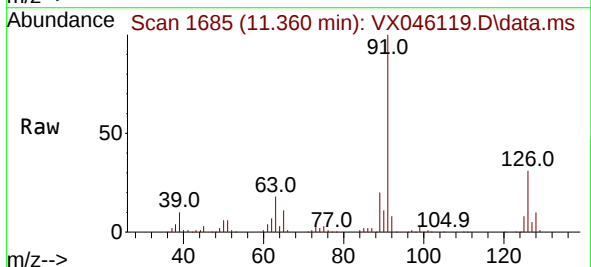
Tgt Ion: 91 Resp: 317919
Ion Ratio Lower Upper
91 100
120 21.5 10.8 32.4

Manual Integrations
APPROVED

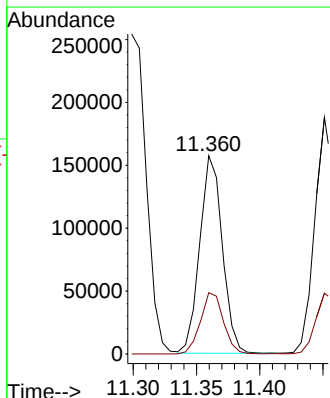
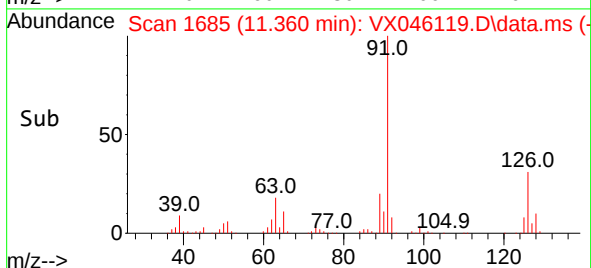
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

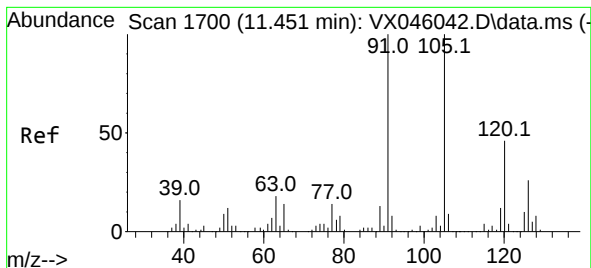


#79
2-Chlorotoluene
Concen: 49.954 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47



Tgt Ion: 91 Resp: 195256
Ion Ratio Lower Upper
91 100
126 31.5 15.6 46.7





#80

1,3,5-Trimethylbenzene

Concen: 52.494 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX046119.D

Acq: 09 May 2025 16:47

Instrument :

MSVOA_X

ClientSampleId :

MW-3-20250508MS

Tgt Ion:105 Resp: 22856

Ion Ratio Lower Upper

105 100

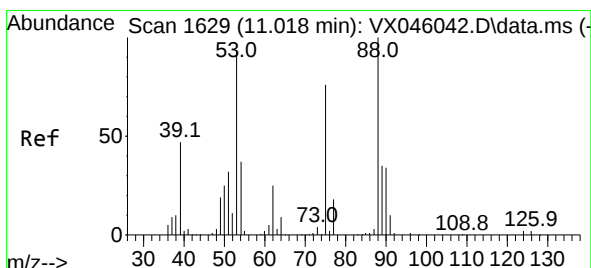
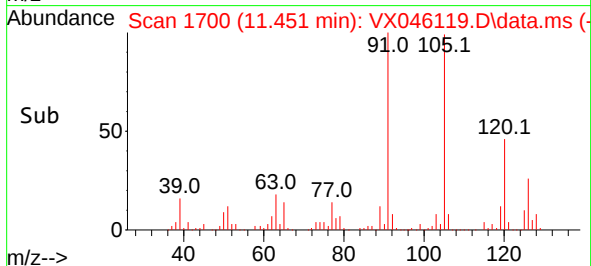
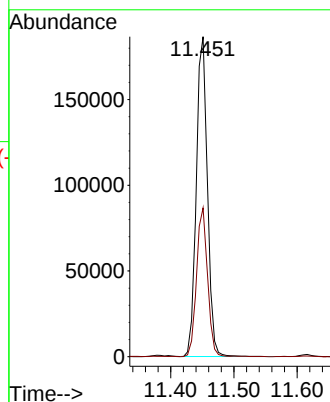
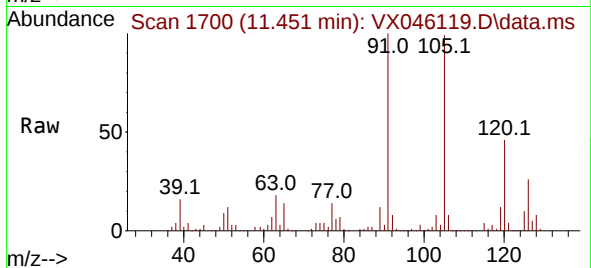
120 46.1 23.1 69.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#81

trans-1,4-Dichloro-2-butene

Concen: 46.452 ug/l

RT: 11.018 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VX046119.D

Acq: 09 May 2025 16:47

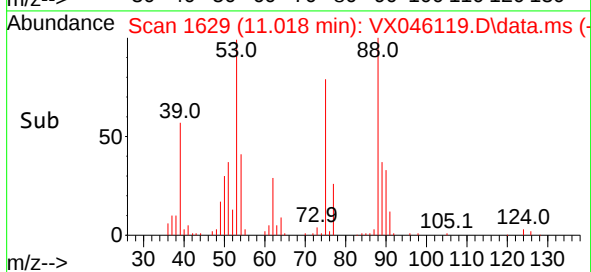
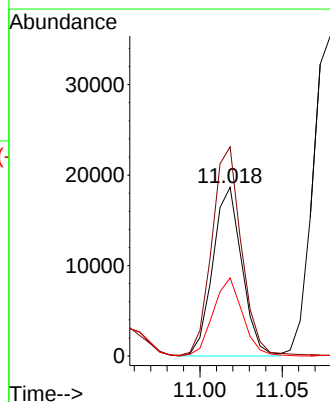
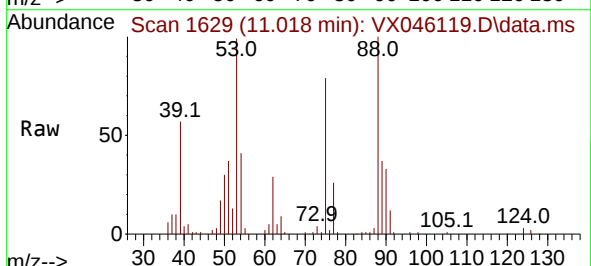
Tgt Ion: 75 Resp: 22991

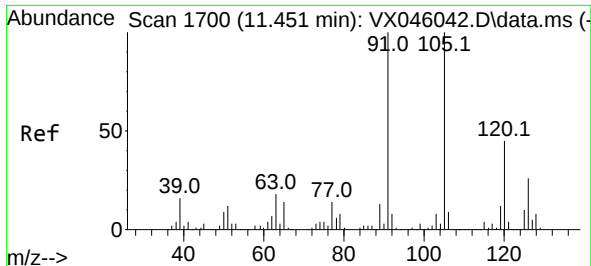
Ion Ratio Lower Upper

75 100

53 126.7 100.5 150.7

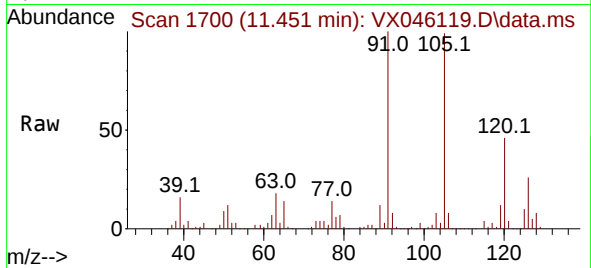
89 46.7 37.0 55.6





#82
4-Chlorotoluene
Concen: 52.235 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

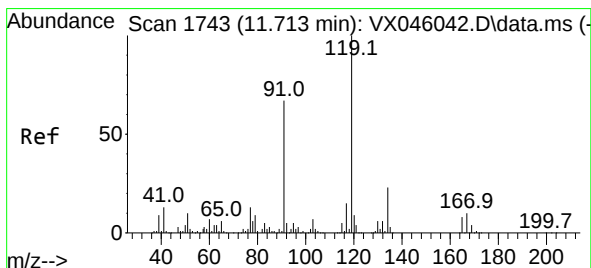
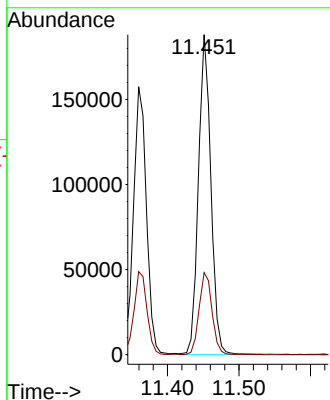
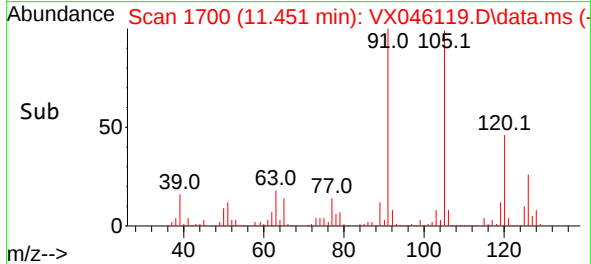
Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508MS



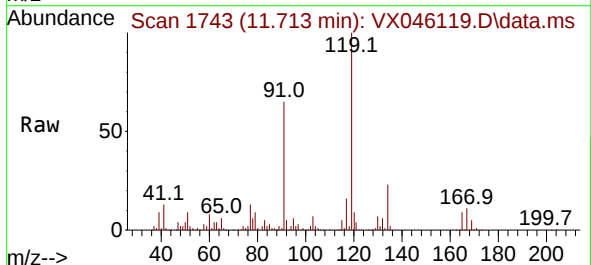
Tgt Ion: 91 Resp: 22642
Ion Ratio Lower Upper
91 100
126 26.8 13.3 39.8

Manual Integrations
APPROVED

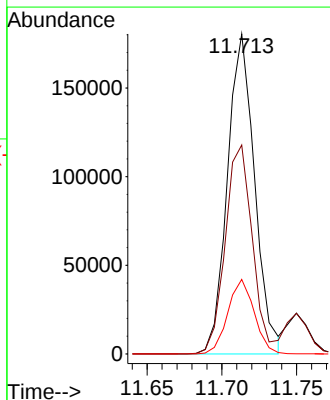
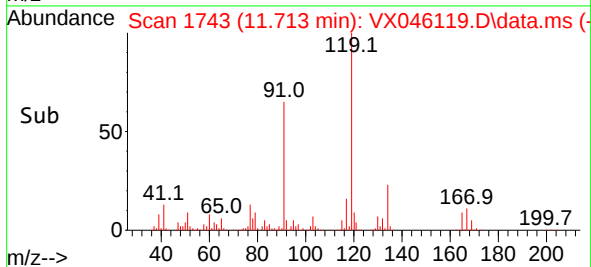
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

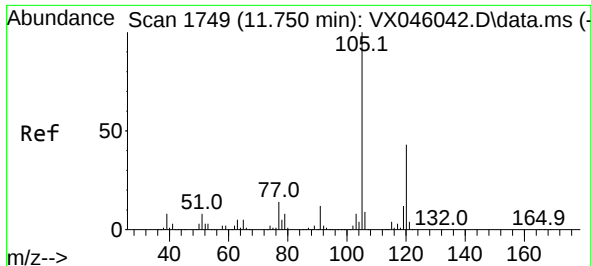


#83
tert-Butylbenzene
Concen: 52.203 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47



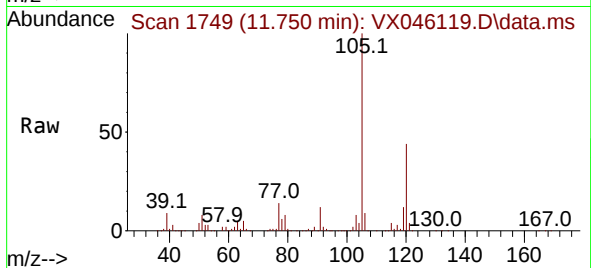
Tgt Ion:119 Resp: 228954
Ion Ratio Lower Upper
119 100
91 64.2 32.9 98.7
134 22.6 11.4 34.1





#84
1,2,4-Trimethylbenzene
Concen: 52.298 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

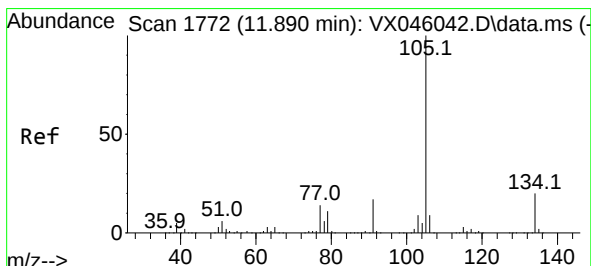
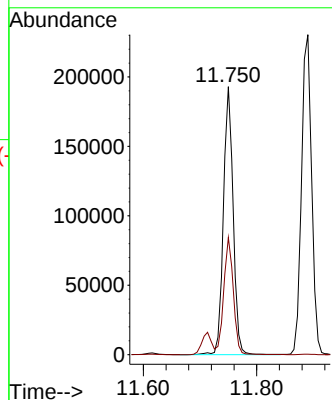
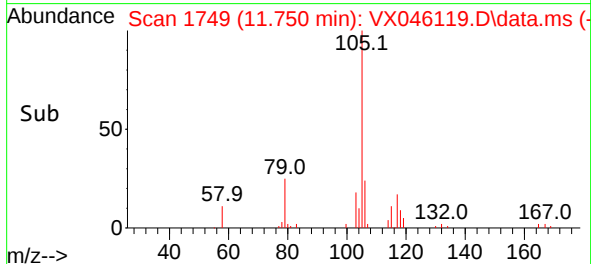
Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508MS



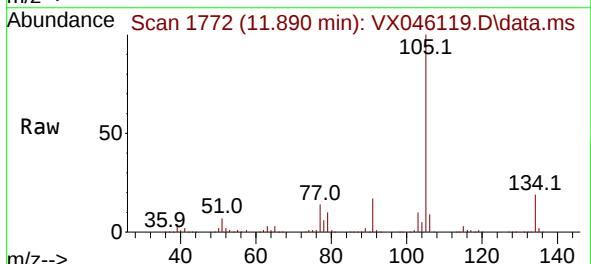
Tgt Ion:105 Resp: 230590
Ion Ratio Lower Upper
105 100
120 42.9 21.2 63.6

Manual Integrations
APPROVED

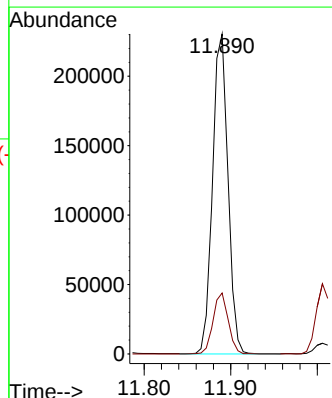
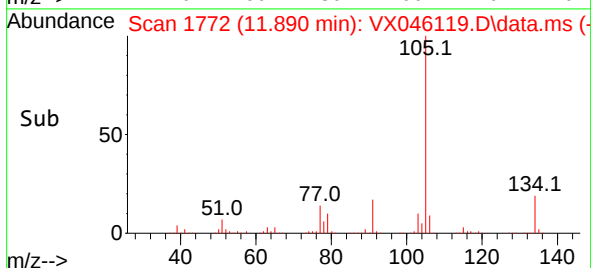
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

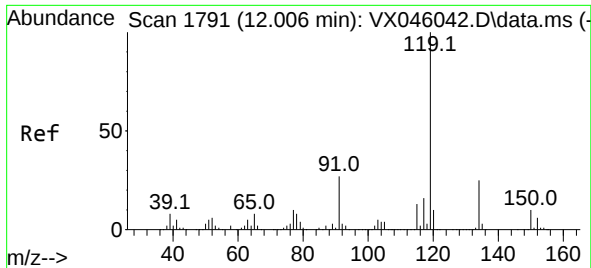


#85
sec-Butylbenzene
Concen: 53.005 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47



Tgt Ion:105 Resp: 285435
Ion Ratio Lower Upper
105 100
134 18.7 9.7 29.1





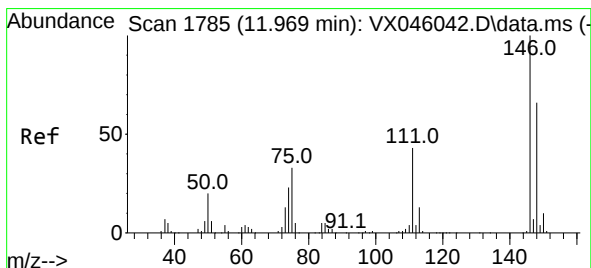
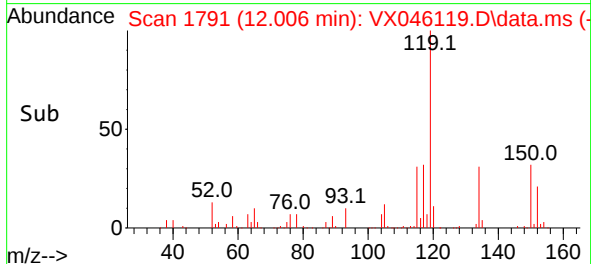
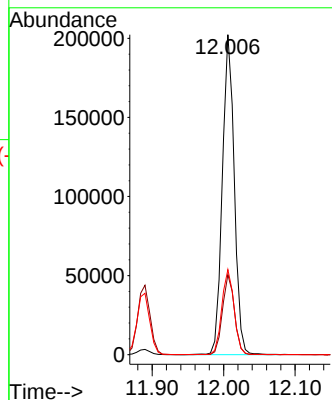
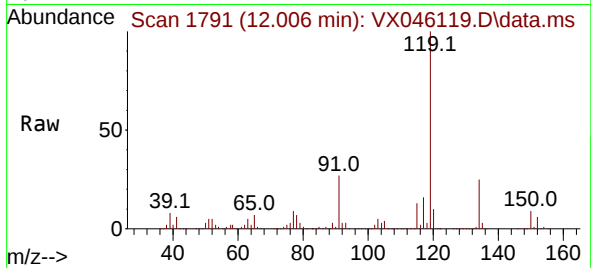
#86
p-Isopropyltoluene
Concen: 52.791 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508MS

Tgt Ion:119 Resp: 23465
Ion Ratio Lower Upper
119 100
134 25.0 12.5 37.5
91 27.1 13.8 41.4

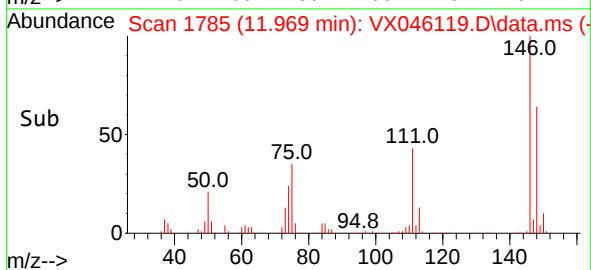
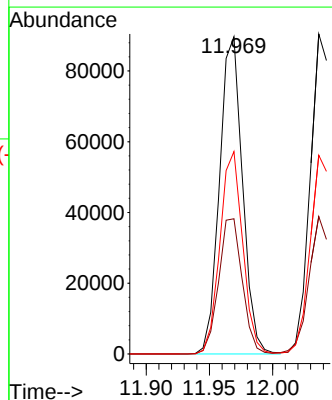
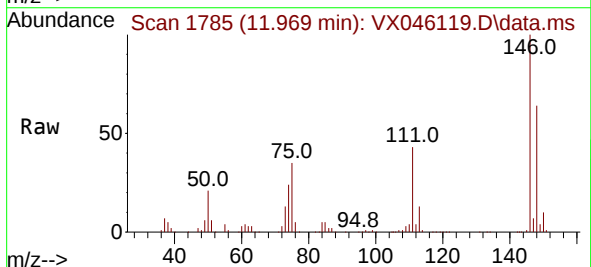
Manual Integrations
APPROVED

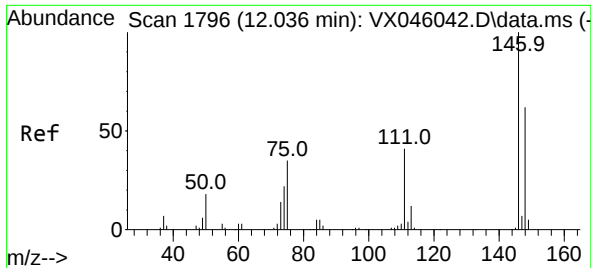
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#87
1,3-Dichlorobenzene
Concen: 51.207 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

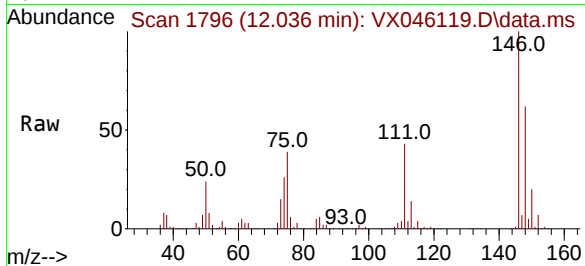
Tgt Ion:146 Resp: 113078
Ion Ratio Lower Upper
146 100
111 43.9 22.1 66.3
148 63.3 32.1 96.5





#88
1,4-Dichlorobenzene
Concen: 50.205 ug/l
RT: 12.036 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

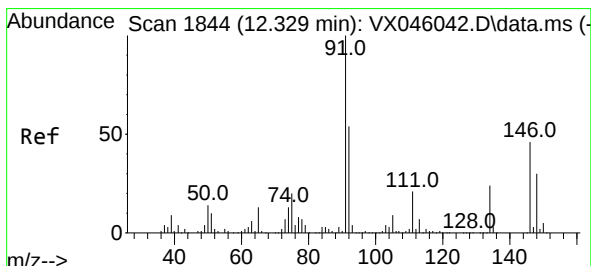
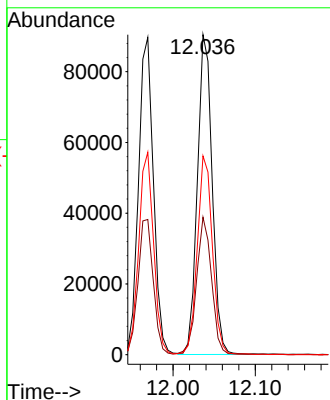
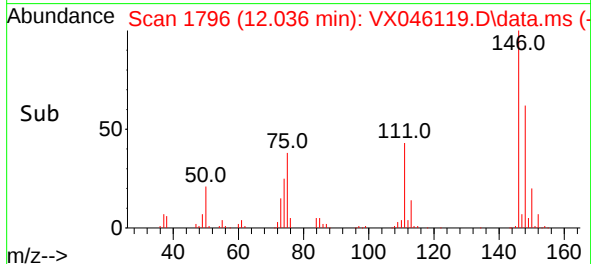
Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508MS



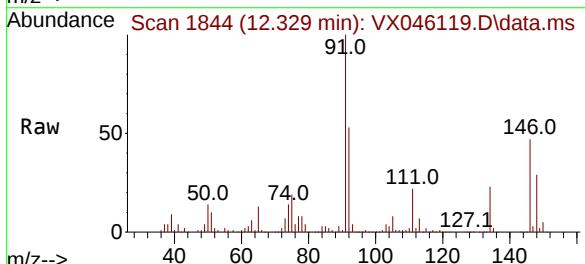
Tgt Ion:146 Resp: 113224
Ion Ratio Lower Upper
146 100
111 43.2 21.3 63.9
148 63.4 31.9 95.5

Manual Integrations
APPROVED

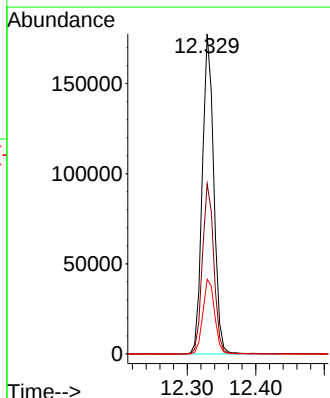
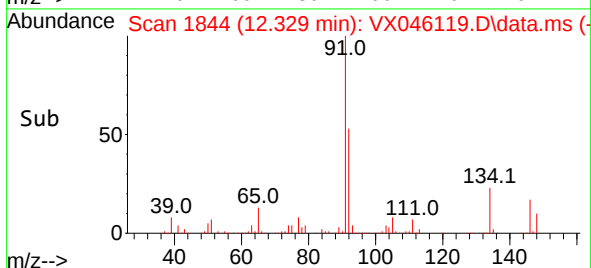
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

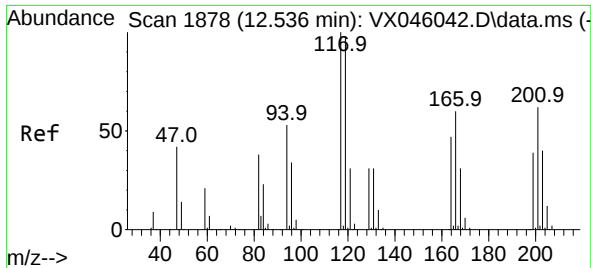


#89
n-Butylbenzene
Concen: 53.082 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47



Tgt Ion: 91 Resp: 206967
Ion Ratio Lower Upper
91 100
92 53.4 26.9 80.7
134 24.0 11.8 35.3





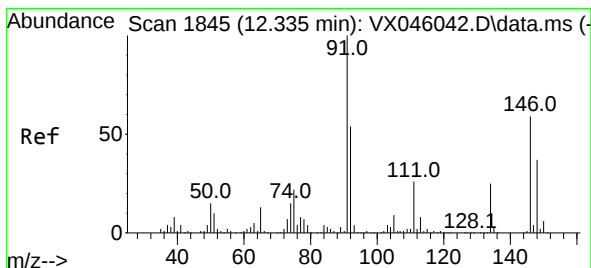
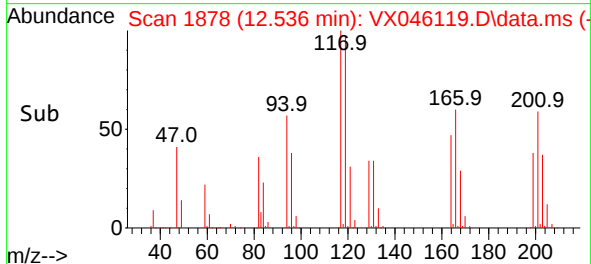
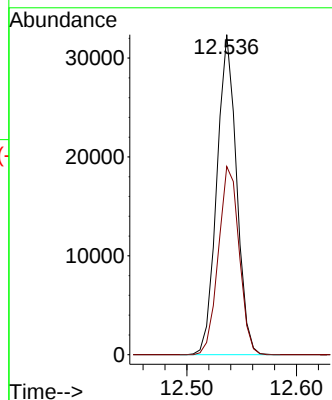
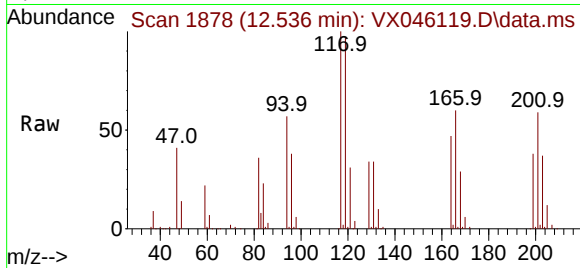
#90
Hexachloroethane
Concen: 51.653 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508MS

Tgt Ion:117 Resp: 40449
Ion Ratio Lower Upper
117 100
201 61.8 31.6 94.7

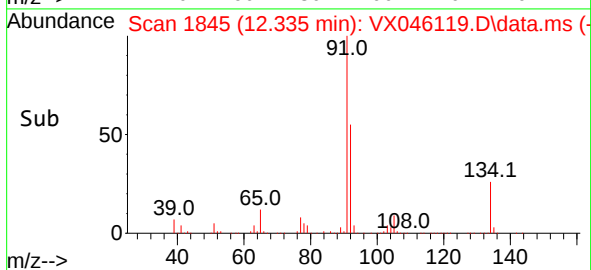
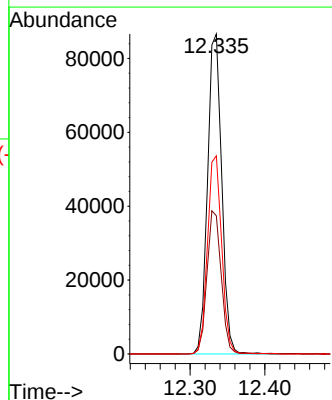
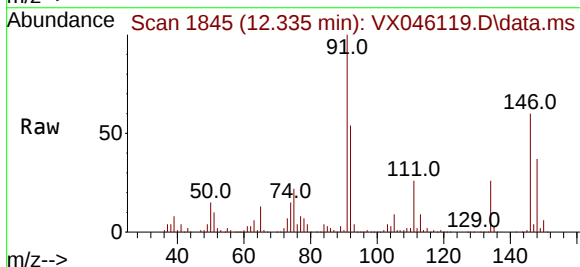
Manual Integrations
APPROVED

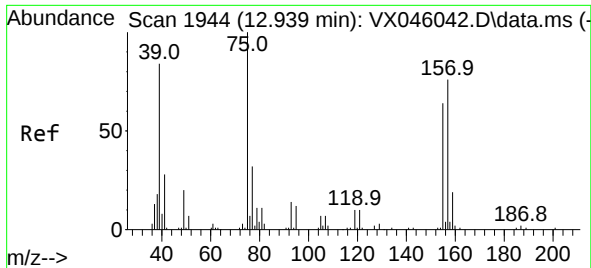
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#91
1,2-Dichlorobenzene
Concen: 51.424 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

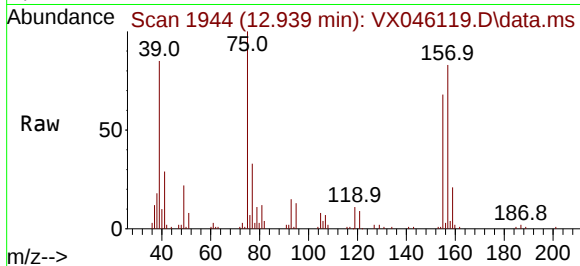
Tgt Ion:146 Resp: 113955
Ion Ratio Lower Upper
146 100
111 45.0 22.4 67.3
148 62.2 31.6 94.8





#92
1,2-Dibromo-3-Chloropropane
Concen: 51.719 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

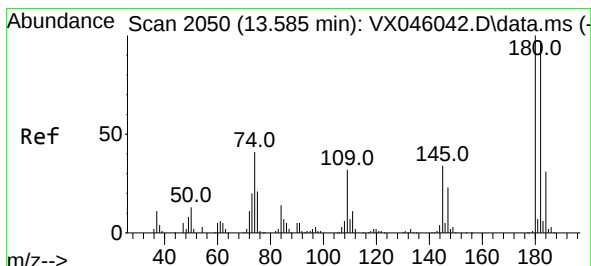
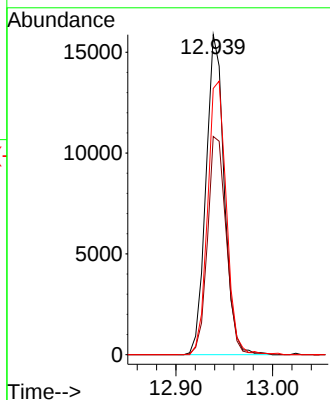
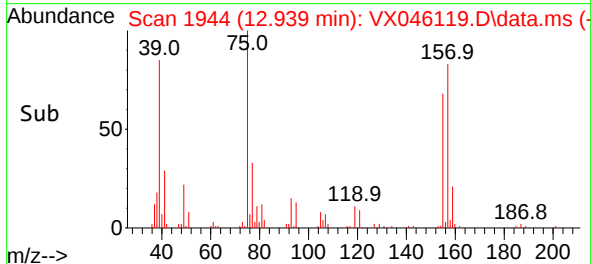
Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508MS



Tgt Ion: 75 Resp: 20920
Ion Ratio Lower Upper
75 100
155 69.6 34.9 104.8
157 87.3 43.8 131.4

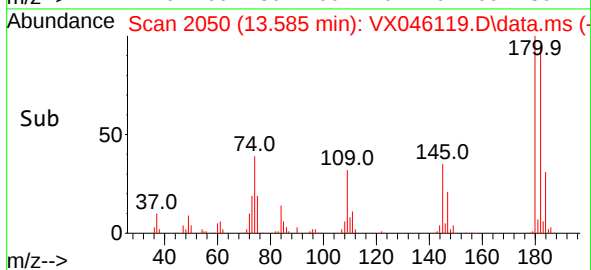
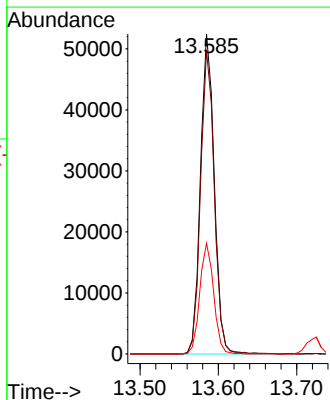
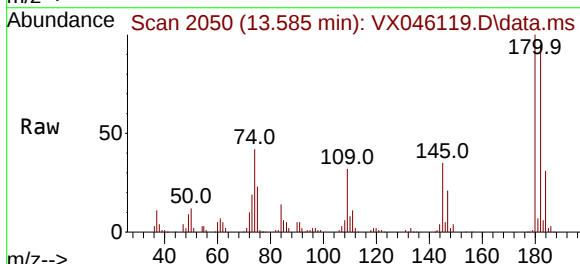
Manual Integrations
APPROVED

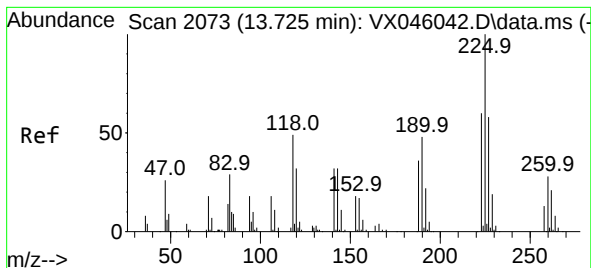
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#93
1,2,4-Trichlorobenzene
Concen: 50.317 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046119.D
Acq: 09 May 2025 16:47

Tgt Ion:180 Resp: 64042
Ion Ratio Lower Upper
180 100
182 94.3 47.9 143.8
145 34.8 17.1 51.2





#94

Hexachlorobutadiene

Concen: 49.898 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX046119.D

Acq: 09 May 2025 16:47

Instrument :

MSVOA_X

ClientSampleId :

MW-3-20250508MS

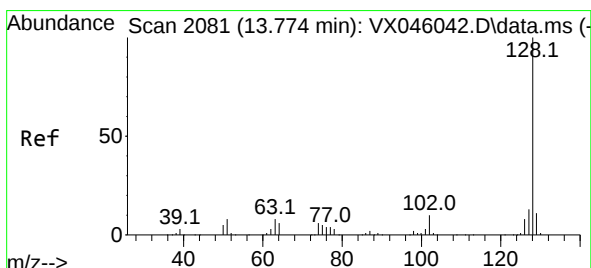
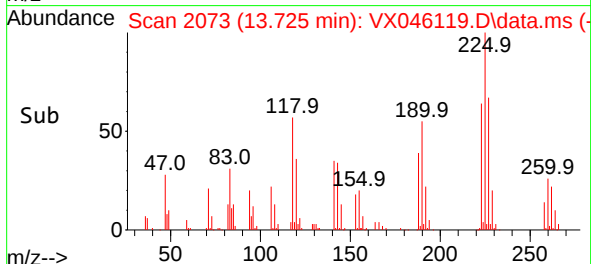
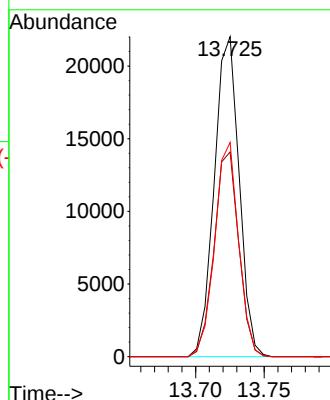
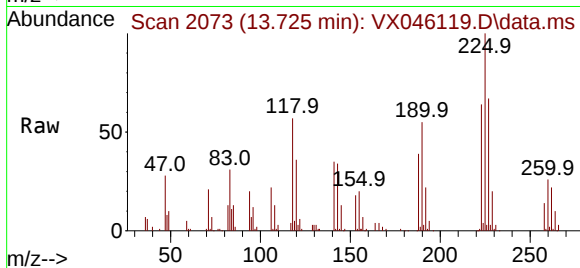
Tgt Ion:	225	Resp:	2773
Ion Ratio	Lower	Upper	
225	100		
223	63.6	30.8	92.4
227	64.4	30.9	92.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#95

Naphthalene

Concen: 50.564 ug/l

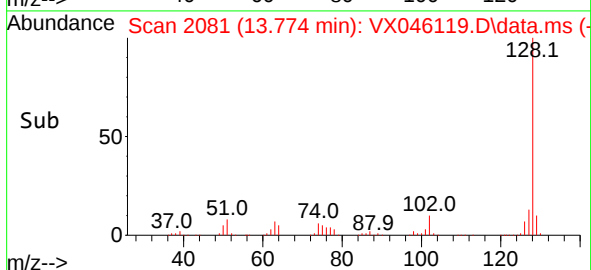
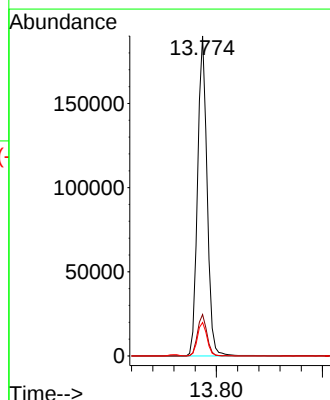
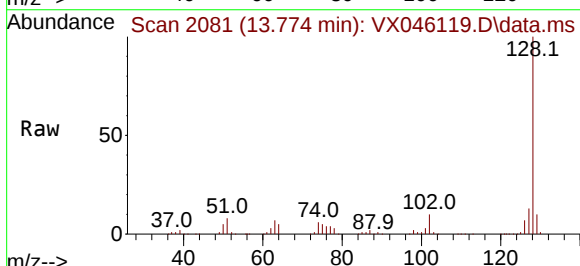
RT: 13.774 min Scan# 2081

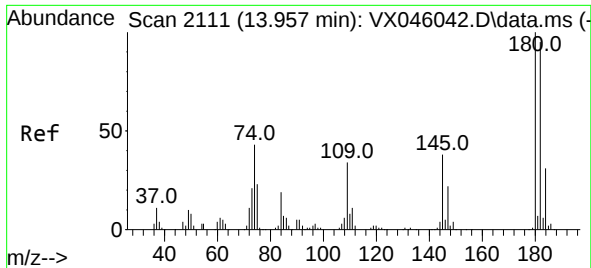
Delta R.T. -0.000 min

Lab File: VX046119.D

Acq: 09 May 2025 16:47

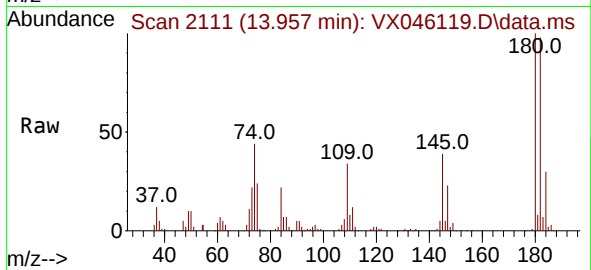
Tgt Ion:	128	Resp:	236038
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.6	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 50.005 ug/l
 RT: 13.957 min Scan# 2111
 Delta R.T. -0.000 min
 Lab File: VX046119.D
 Acq: 09 May 2025 16:47

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3-20250508MS



Tgt Ion:180 Resp: 65670
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.8 143.3
 145 37.2 18.1 54.3

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/12/2025
 Supervised By :Mahesh Dadoda 05/12/2025

