

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032525\
 Data File : VX045453.D
 Acq On : 25 Mar 2025 20:14
 Operator : JC/MD
 Sample : Q1608-12MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20250318MS

Quant Time: Mar 26 01:45:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/26/2025
 Supervised By : Mahesh Dadoda 03/26/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	75274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	137526	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	67843	56.661	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.320%			
35) Dibromofluoromethane	5.379	113	48641	52.894	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.780%			
50) Toluene-d8	8.647	98	166935	50.072	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.140%			
62) 4-Bromofluorobenzene	11.079	95	63445	57.430	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 114.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	59832	63.146	ug/l	97
3) Chloromethane	1.301	50	62763	54.127	ug/l	98
4) Vinyl Chloride	1.374	62	56780	49.361	ug/l	99
5) Bromomethane	1.593	94	25624	56.665	ug/l	98
6) Chloroethane	1.660	64	29739	56.049	ug/l	99
7) Trichlorofluoromethane	1.874	101	81927	53.801	ug/l	98
8) Diethyl Ether	2.130	74	27732	46.560	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	54689	62.511	ug/l	99
10) Methyl Iodide	2.441	142	64444	58.943	ug/l	95
11) Tert butyl alcohol	2.989	59	53301	235.017	ug/l	97
12) 1,1-Dichloroethene	2.307	96	49511	53.528	ug/l	95
13) Acrolein	2.233	56	74173	282.920	ug/l	98
14) Allyl chloride	2.654	41	91452	55.544	ug/l	94
15) Acrylonitrile	3.063	53	158269	260.380	ug/l	98
16) Acetone	2.386	43	151022	271.852	ug/l	97
17) Carbon Disulfide	2.502	76	117782	47.809	ug/l	98
18) Methyl Acetate	2.703	43	61707	46.173	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	165578	53.357	ug/l	97
20) Methylene Chloride	2.782	84	55644	50.565	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	48788	53.391	ug/l	97
22) Diisopropyl ether	3.758	45	180498	53.904	ug/l #	87
23) Vinyl Acetate	3.715	43	741441	265.335	ug/l	98
24) 1,1-Dichloroethane	3.605	63	100738	53.681	ug/l	99
25) 2-Butanone	4.556	43	231423	276.752	ug/l	97
26) 2,2-Dichloropropane	4.465	77	58131	66.041	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	61622	54.628	ug/l	93
28) Bromochloromethane	4.891	49	49330	55.149	ug/l	97
29) Tetrahydrofuran	5.007	42	146468	260.824	ug/l	99
30) Chloroform	5.087	83	105279	56.461	ug/l	98
31) Cyclohexane	5.458	56	89260	54.794	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	84889	56.368	ug/l	97
36) 1,1-Dichloropropene	5.684	75	66602	52.811	ug/l	99
37) Ethyl Acetate	4.715	43	80246	49.380	ug/l	99
38) Carbon Tetrachloride	5.666	117	71130	55.555	ug/l	99
39) Methylcyclohexane	7.373	83	84382	55.840	ug/l	96
40) Benzene	6.032	78	208143	52.266	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	48028	54.658	ug/l	98
42) 1,2-Dichloroethane	6.080	62	83793	58.431	ug/l	96
43) Isopropyl Acetate	6.336	43	123504	51.396	ug/l	99
44) Trichloroethene	7.117	130	171657	183.571	ug/l	98
45) 1,2-Dichloropropane	7.428	63	51556	50.352	ug/l	97
46) Dibromomethane	7.580	93	38883	53.727	ug/l	96
47) Bromodichloromethane	7.818	83	77659	54.707	ug/l	97
48) Methyl methacrylate	7.690	41	68214	56.583	ug/l	93
49) 1,4-Dioxane	7.659	88	28024	1102.003	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	459467	284.768	ug/l	98
52) Toluene	8.714	92	124829	53.425	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	64569	54.408	ug/l	94
54) cis-1,3-Dichloropropene	8.360	75	73432	53.063	ug/l #	88
55) 1,1,2-Trichloroethane	9.147	97	50866	52.881	ug/l	98
56) Ethyl methacrylate	9.116	69	81211	55.542	ug/l	92
57) 1,3-Dichloropropane	9.305	76	86605	52.026	ug/l	99
59) 2-Hexanone	9.427	43	348369	297.997	ug/l	97
60) Dibromochloromethane	9.519	129	54443	54.132	ug/l	99
61) 1,2-Dibromoethane	9.604	107	51698	53.837	ug/l	97
64) Tetrachloroethene	9.269	164	45256	58.224	ug/l	97
65) Chlorobenzene	10.073	112	133074	51.820	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	44970	52.584	ug/l	96
67) Ethyl Benzene	10.189	91	241425	53.955	ug/l	100
68) m/p-Xylenes	10.299	106	174457	106.504	ug/l	94
69) o-Xylene	10.640	106	85858	51.970	ug/l	93
70) Styrene	10.653	104	148946	55.720	ug/l	98
71) Bromoform	10.799	173	35249	54.659	ug/l #	98
73) Isopropylbenzene	10.957	105	230995	51.672	ug/l	99
74) N-amyl acetate	10.842	43	108961	51.944	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	82659	50.387	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	68656m	51.503	ug/l	
77) Bromobenzene	11.195	156	53228	50.465	ug/l	95
78) n-propylbenzene	11.299	91	269107	53.289	ug/l	98
79) 2-Chlorotoluene	11.360	91	165161	51.354	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	189979	52.558	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	19709	50.596	ug/l	85
82) 4-Chlorotoluene	11.451	91	186957	53.338	ug/l	97
83) tert-Butylbenzene	11.713	119	191732	51.625	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	192914	53.041	ug/l	99
85) sec-Butylbenzene	11.890	105	236009	53.049	ug/l	99
86) p-Isopropyltoluene	12.006	119	192339	53.497	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	96495	51.283	ug/l	98
88) 1,4-Dichlorobenzene	12.037	146	95102	49.958	ug/l	98
89) n-Butylbenzene	12.329	91	170243	54.978	ug/l	99
90) Hexachloroethane	12.536	117	33310	51.222	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	97391	51.597	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17914	56.052	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	54675	50.871	ug/l	99
94) Hexachlorobutadiene	13.725	225	22030	49.996	ug/l	99
95) Naphthalene	13.774	128	210140	50.889	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	56493	49.825	ug/l	98

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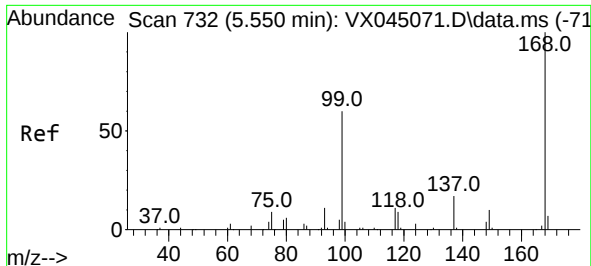
Manual Integrations
APPROVED

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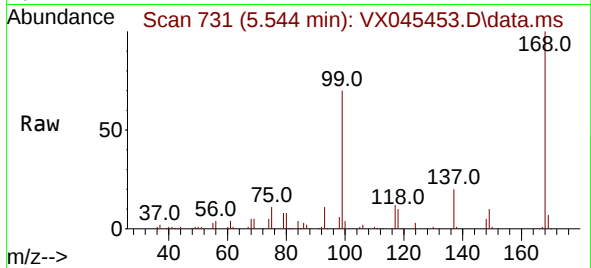
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045453.D
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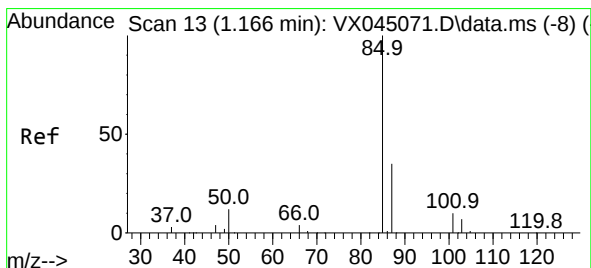
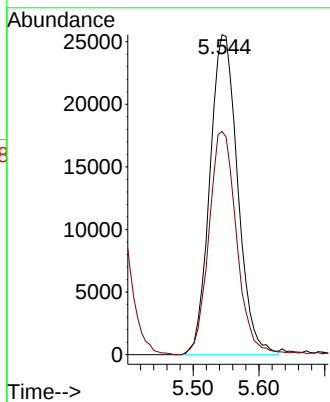
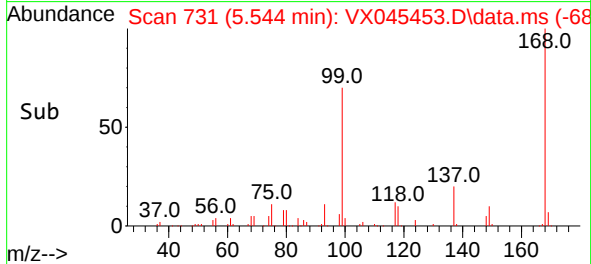
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS



Tgt Ion:168 Resp: 75274
Ion Ratio Lower Upper
168 100
99 69.7 48.2 72.4

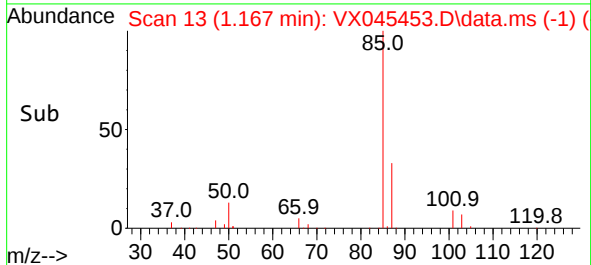
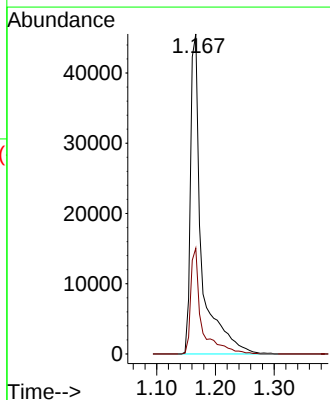
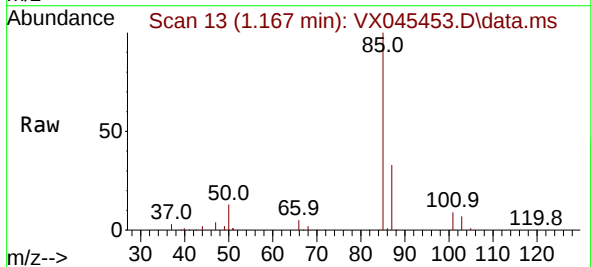
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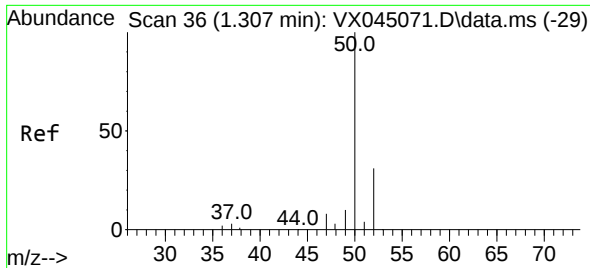
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#2
Dichlorodifluoromethane
Concen: 63.146 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

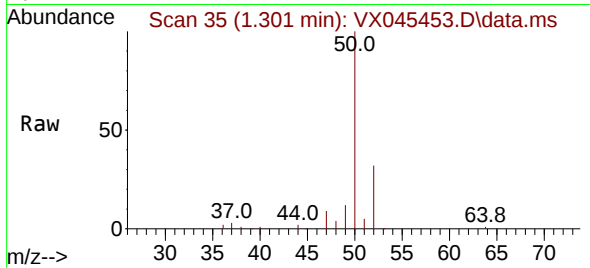
Tgt Ion: 85 Resp: 59832
Ion Ratio Lower Upper
85 100
87 33.0 17.4 52.3





#3
Chloromethane
Concen: 54.127 ug/l
RT: 1.301 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

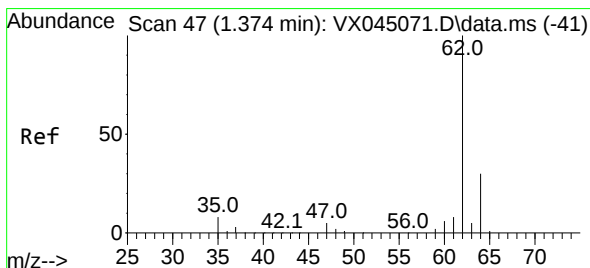
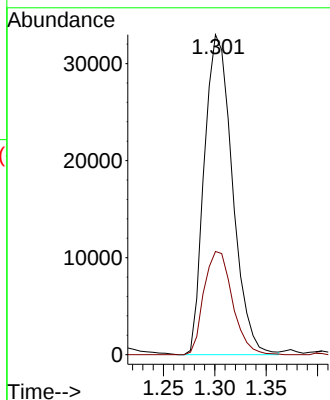
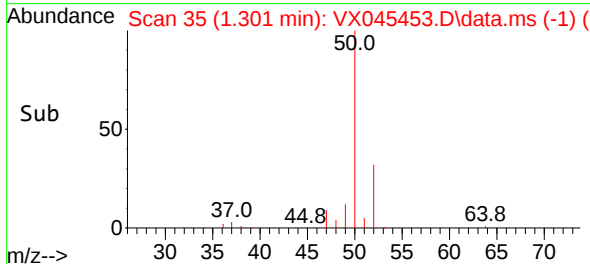
Instrument :
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ClientSampleId :
RE132D1-20250318MS



Tgt Ion: 50 Resp: 6276
Ion Ratio Lower Upper
50 100
52 32.3 25.0 37.4

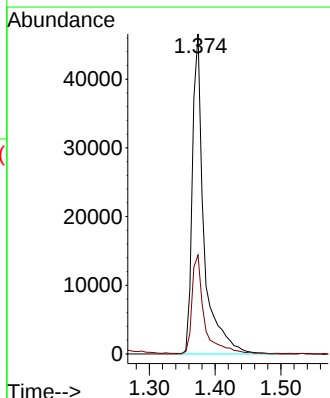
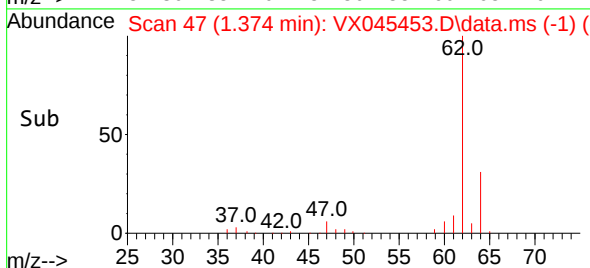
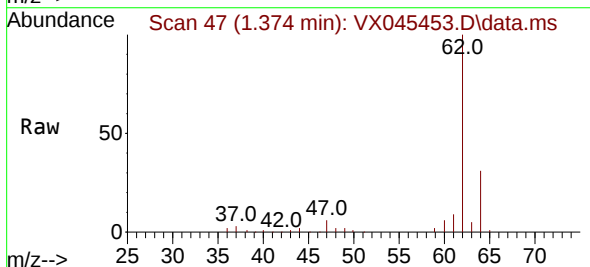
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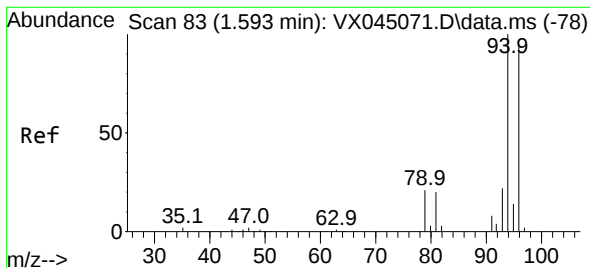
Reviewed By :John Carlone 03/26/2025
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#4
Vinyl Chloride
Concen: 49.361 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

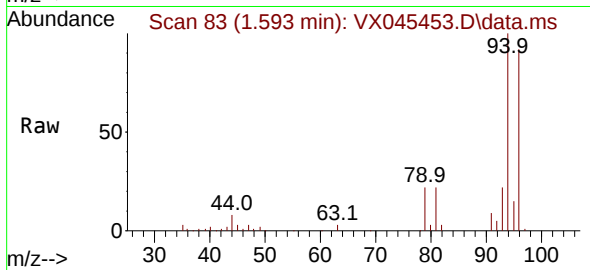
Tgt Ion: 62 Resp: 56780
Ion Ratio Lower Upper
62 100
64 30.8 24.3 36.5





#5
Bromomethane
Concen: 56.665 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

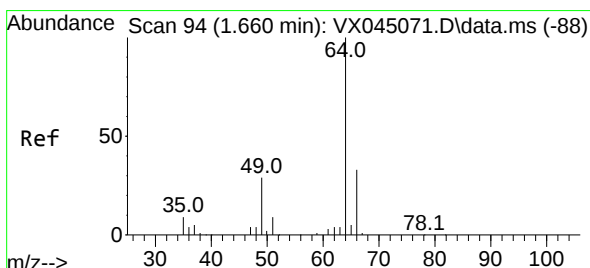
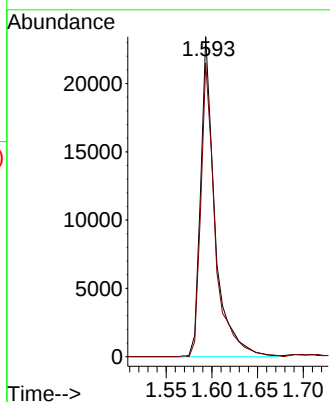
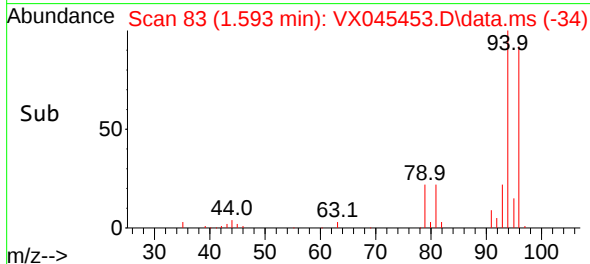
Instrument :
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Tgt Ion: 94 Resp: 25624
Ion Ratio Lower Upper
94 100
96 91.8 75.0 112.4

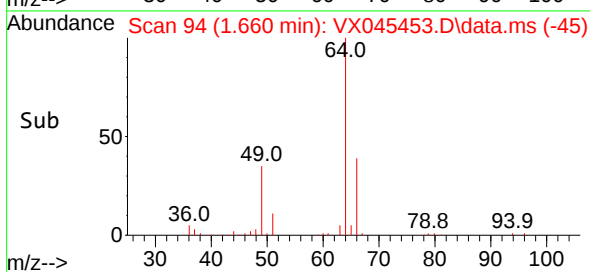
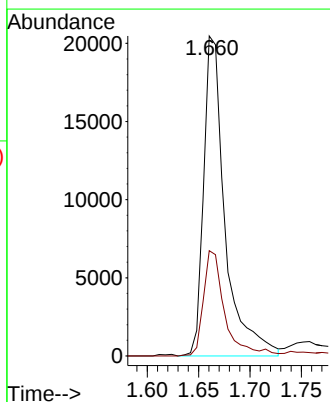
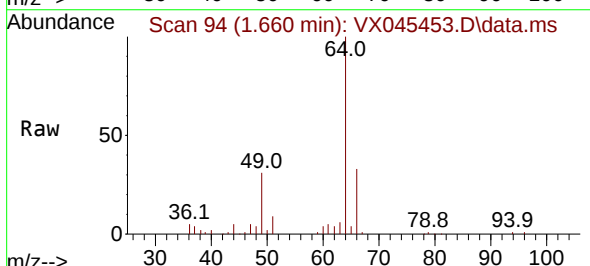
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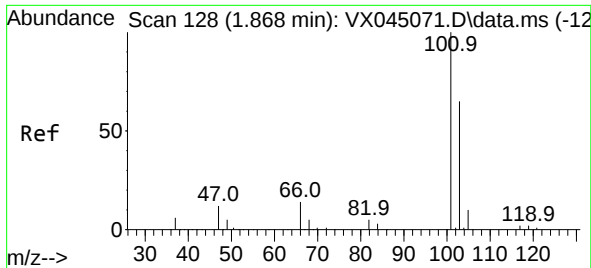
Reviewed By :John Carlone 03/26/2025
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#6
Chloroethane
Concen: 56.049 ug/l
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

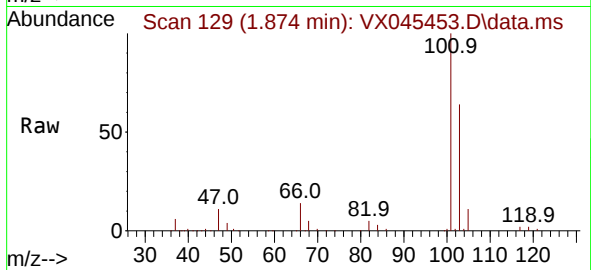
Tgt Ion: 64 Resp: 29739
Ion Ratio Lower Upper
64 100
66 32.9 26.7 40.1





#7
Trichlorofluoromethane
Concen: 53.801 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045453.D
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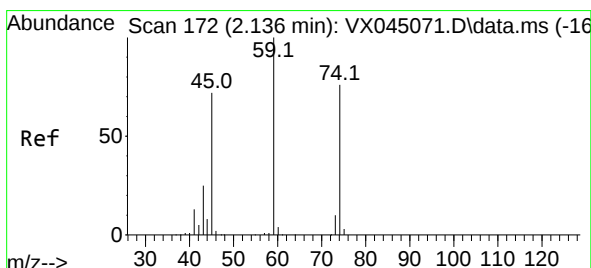
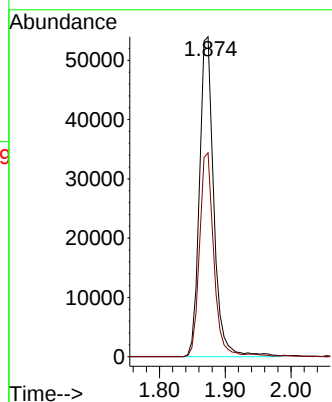
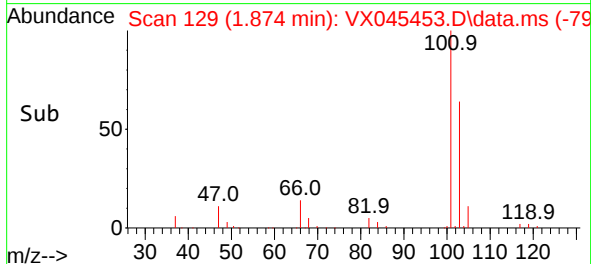
Instrument :
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Tgt Ion:101 Resp: 8192
Ion Ratio Lower Upper
101 100
103 63.7 52.1 78.1

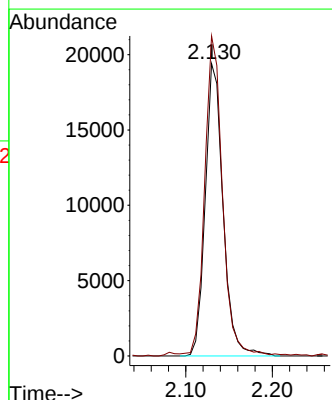
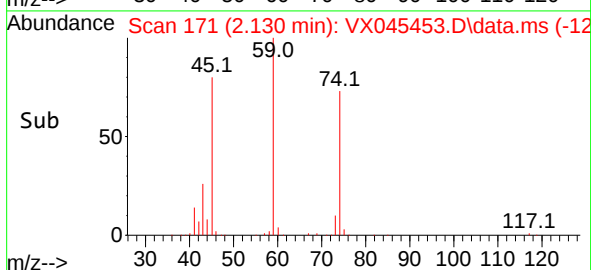
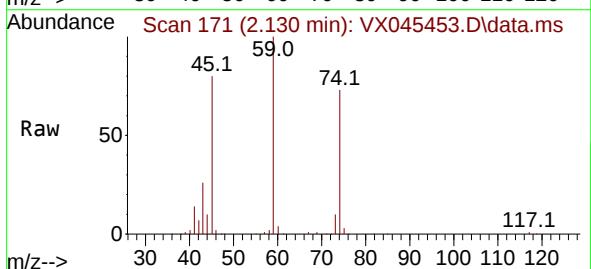
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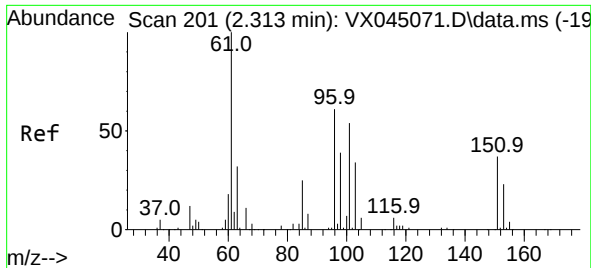
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#8
Diethyl Ether
Concen: 46.560 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion: 74 Resp: 27732
Ion Ratio Lower Upper
74 100
45 107.8 51.5 154.5





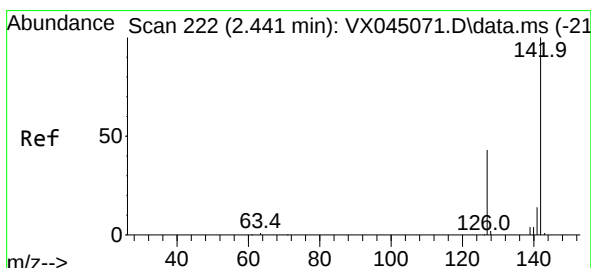
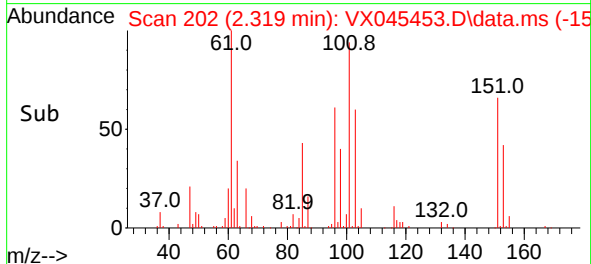
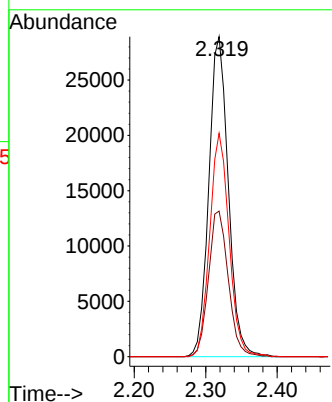
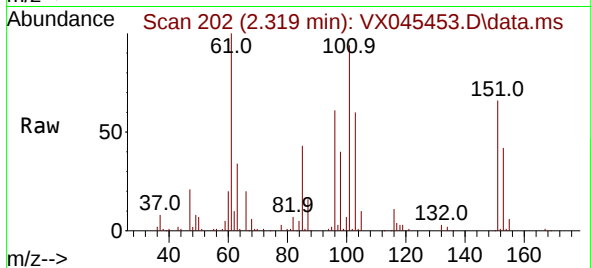
#9
1,1,2-Trichlorotrifluoroethane
Concen: 62.511 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS

Tgt Ion:101 Resp: 54689
Ion Ratio Lower Upper
101 100
85 46.4 36.2 54.4
151 69.4 56.4 84.6

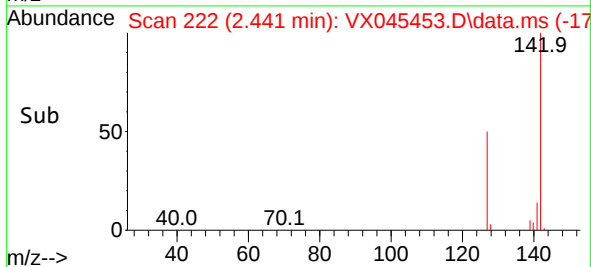
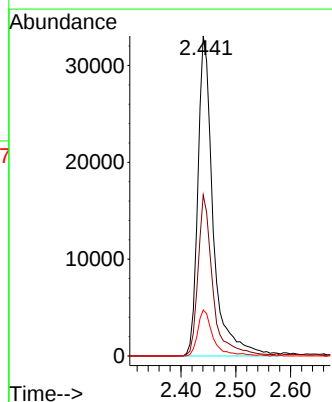
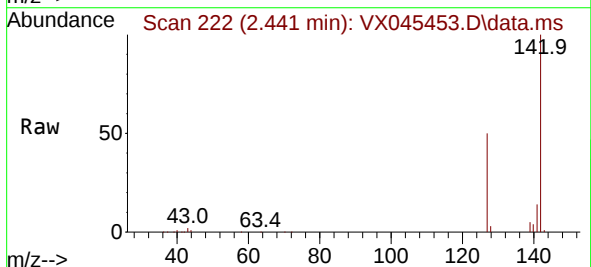
Manual Integrations
APPROVED

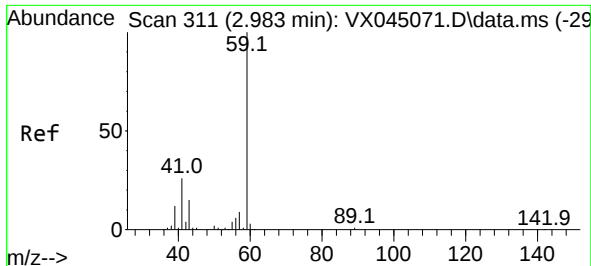
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#10
Methyl Iodide
Concen: 58.943 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

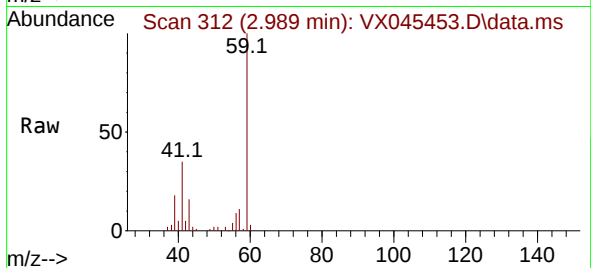
Tgt Ion:142 Resp: 64444
Ion Ratio Lower Upper
142 100
127 48.5 35.4 53.2
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 235.017 ug/l
RT: 2.989 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

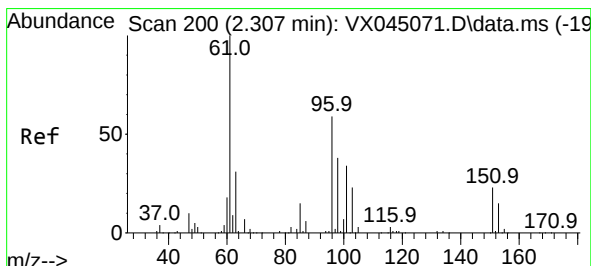
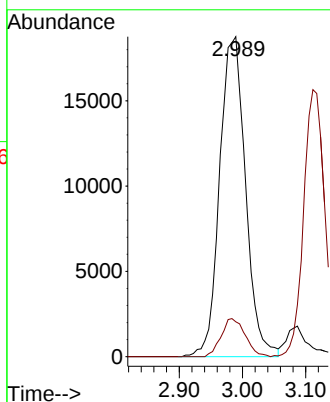
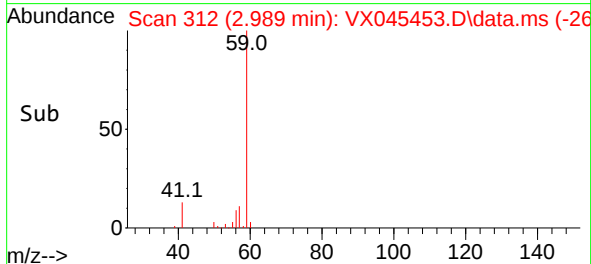
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS



Tgt Ion: 59 Resp: 5330
Ion Ratio Lower Upper
59 100
57 11.1 7.8 11.8

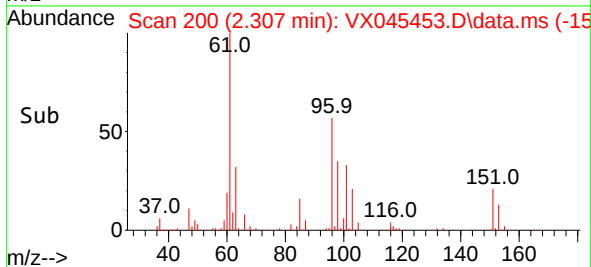
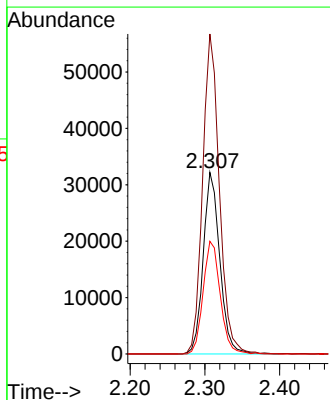
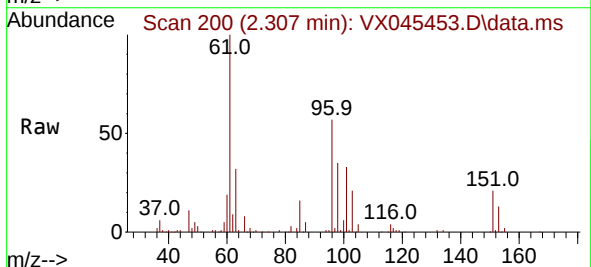
Manual Integrations
APPROVED

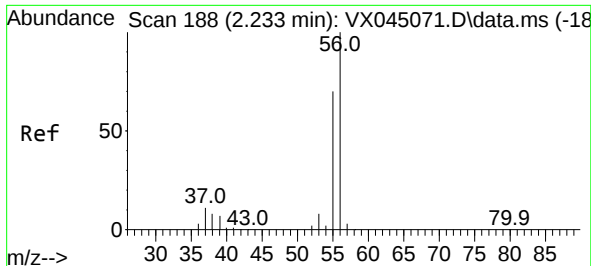
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#12
1,1-Dichloroethene
Concen: 53.528 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

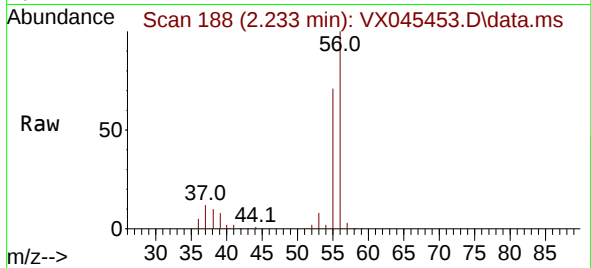
Tgt Ion: 96 Resp: 49511
Ion Ratio Lower Upper
96 100
61 176.2 134.6 202.0
98 62.1 51.0 76.6





#13
Acrolein
Concen: 282.920 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

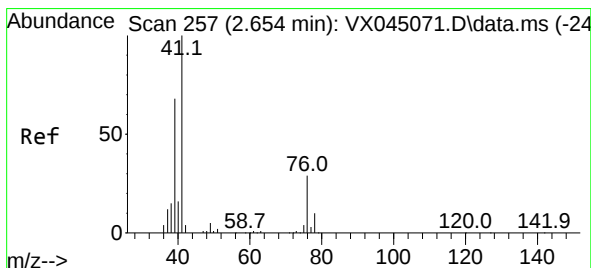
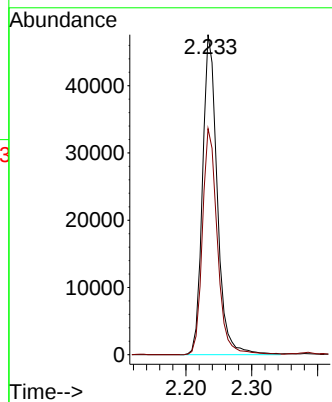
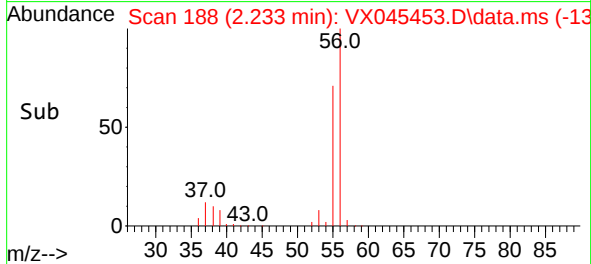
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS



Tgt Ion: 56 Resp: 7417
Ion Ratio Lower Upper
56 100
55 71.7 56.2 84.4

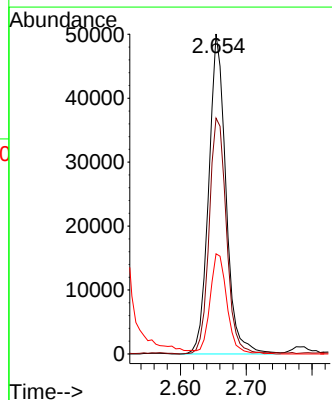
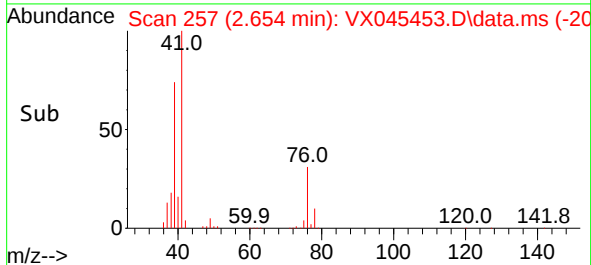
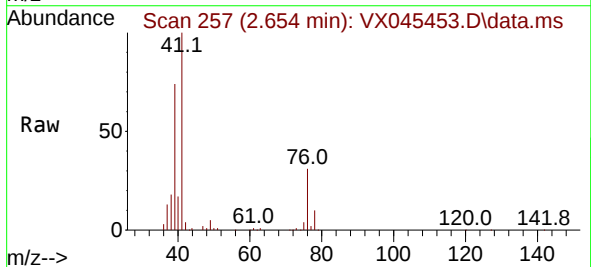
Manual Integrations
APPROVED

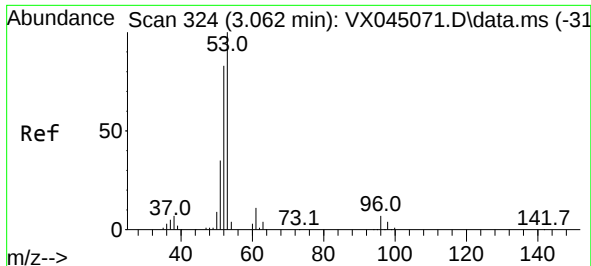
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#14
Allyl chloride
Concen: 55.544 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

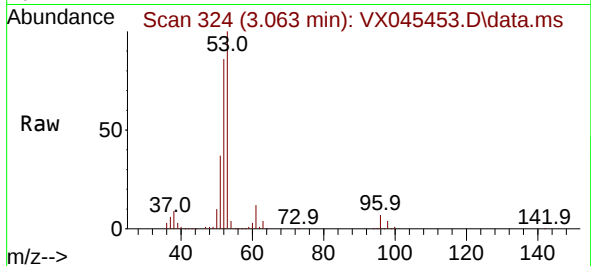
Tgt Ion: 41 Resp: 91452
Ion Ratio Lower Upper
41 100
39 74.3 53.8 80.8
76 30.7 25.2 37.8





#15
Acrylonitrile
Concen: 260.380 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

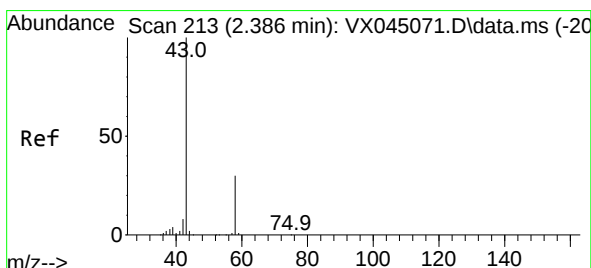
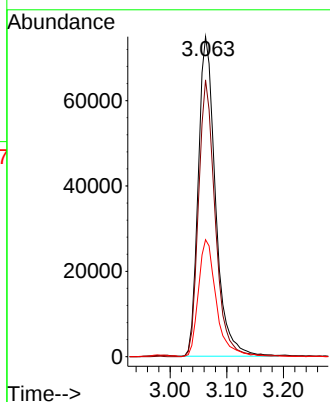
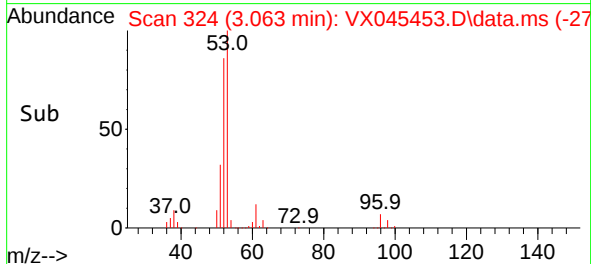
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS



Tgt Ion: 53 Resp: 158269
Ion Ratio Lower Upper
53 100
52 84.3 66.2 99.2
51 38.0 29.0 43.4

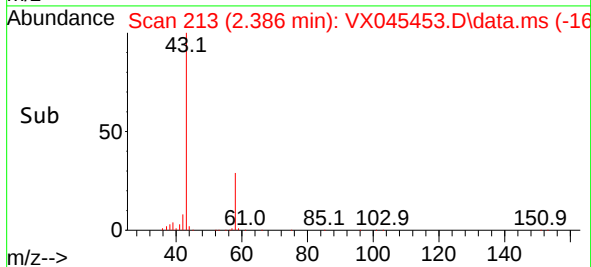
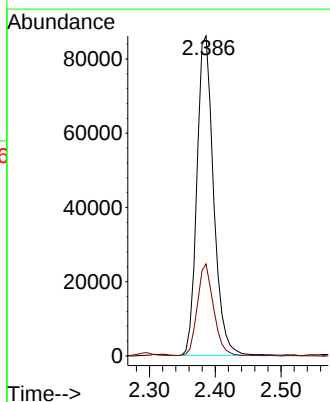
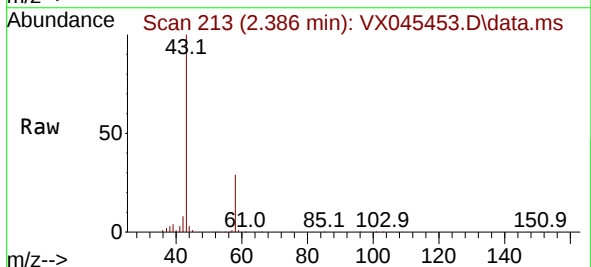
Manual Integrations
APPROVED

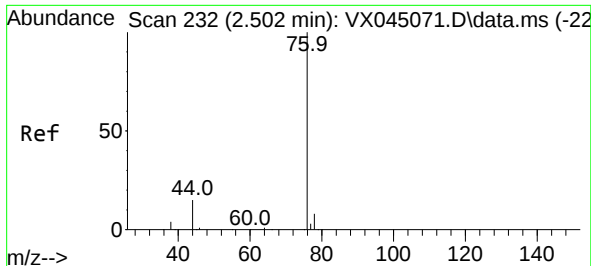
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#16
Acetone
Concen: 271.852 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

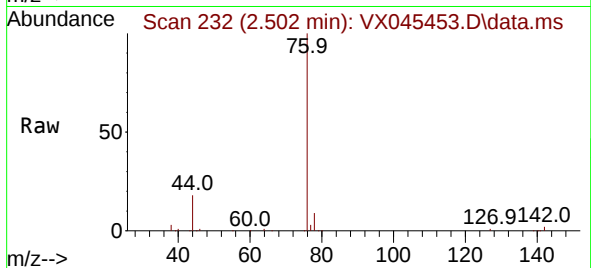
Tgt Ion: 43 Resp: 151022
Ion Ratio Lower Upper
43 100
58 28.7 24.2 36.4





#17
Carbon Disulfide
Concen: 47.809 ug/l
RT: 2.502 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

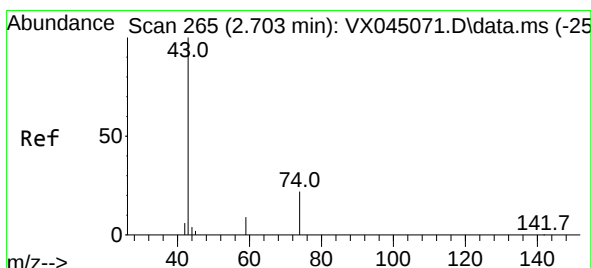
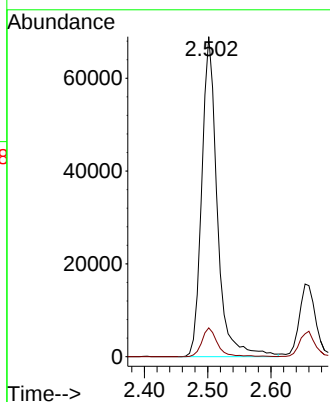
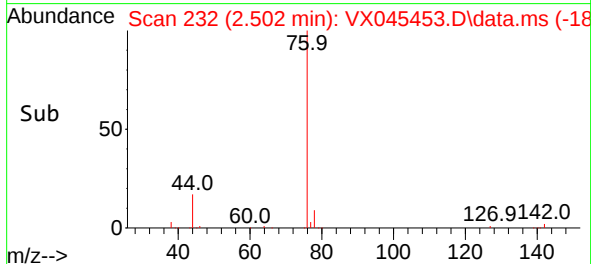
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS



Tgt Ion: 76 Resp: 11778
Ion Ratio Lower Upper
76 100
78 9.0 6.6 9.8

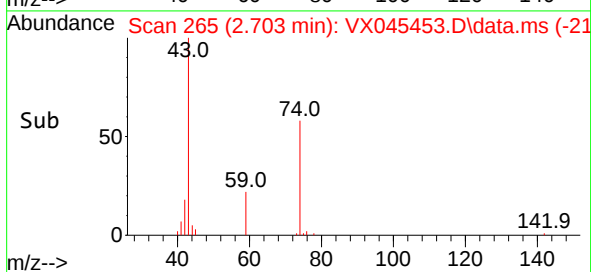
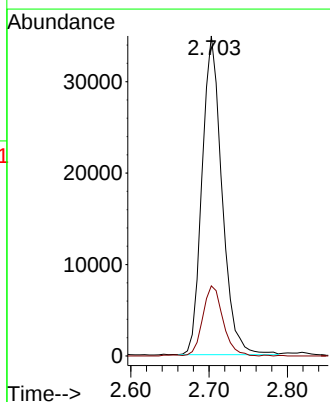
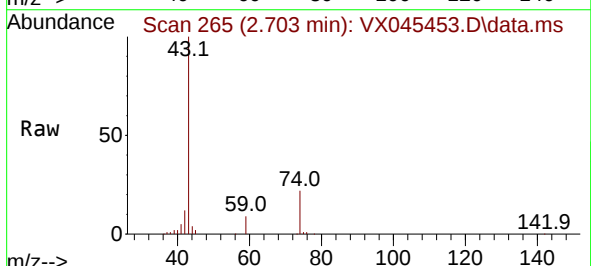
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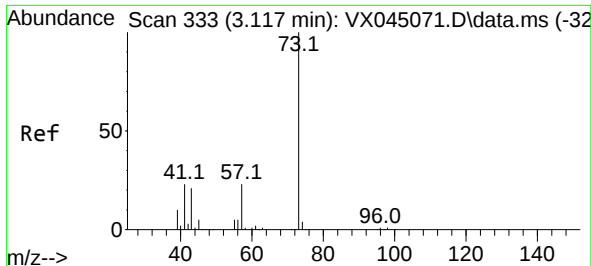
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#18
Methyl Acetate
Concen: 46.173 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

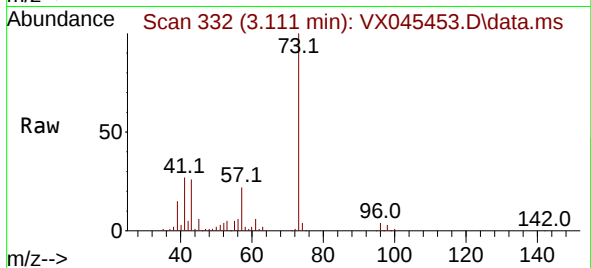
Tgt Ion: 43 Resp: 61707
Ion Ratio Lower Upper
43 100
74 22.5 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 53.357 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

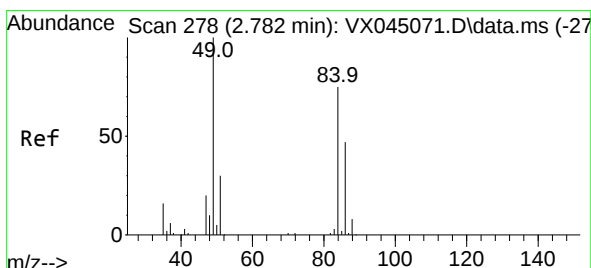
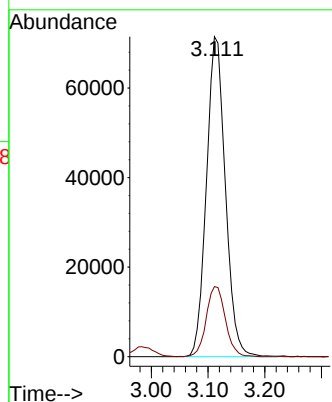
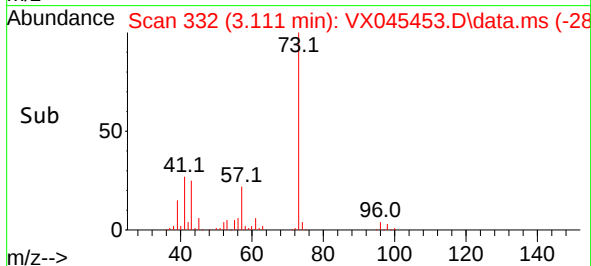
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS



Tgt Ion: 73 Resp: 165578
Ion Ratio Lower Upper
73 100
57 21.8 18.5 27.7

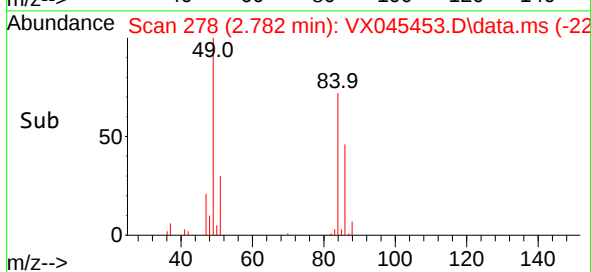
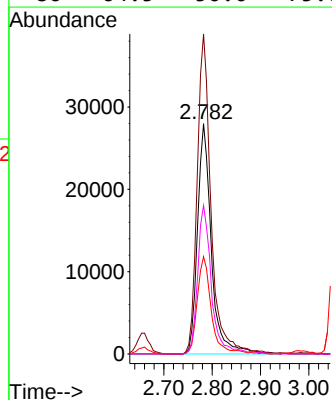
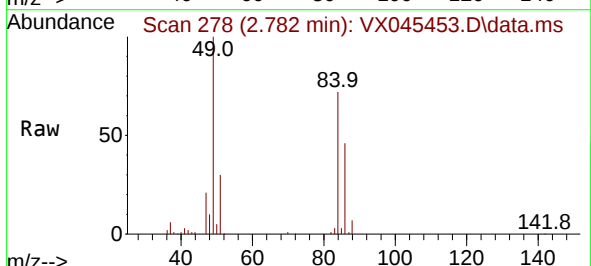
Manual Integrations
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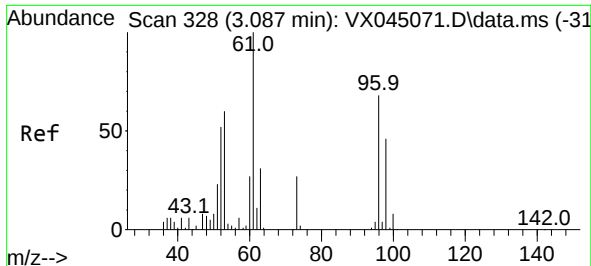
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#20
Methylene Chloride
Concen: 50.565 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

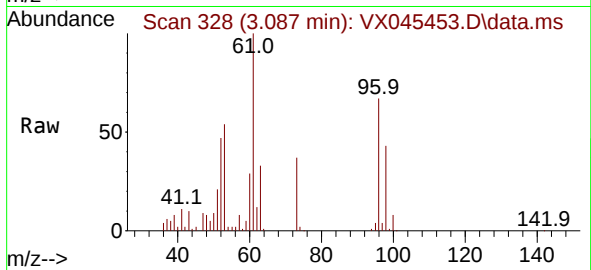
Tgt Ion: 84 Resp: 55644
Ion Ratio Lower Upper
84 100
49 139.0 106.5 159.7
51 42.2 32.1 48.1
86 64.5 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 53.391 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

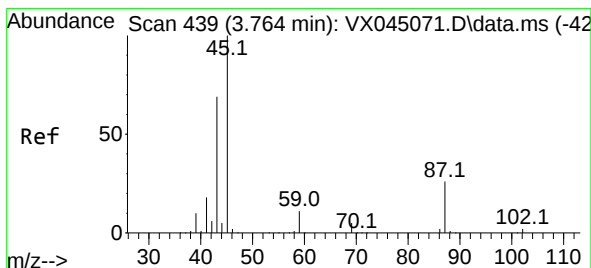
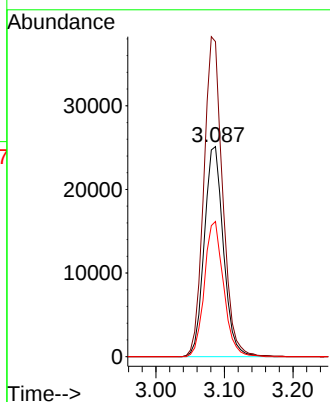
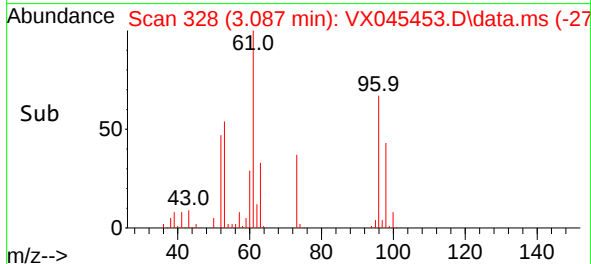
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS



Tgt Ion: 96 Resp: 48788
Ion Ratio Lower Upper
96 100
61 150.0 117.0 175.4
98 64.4 53.4 80.2

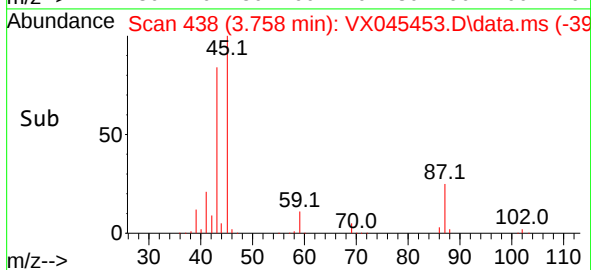
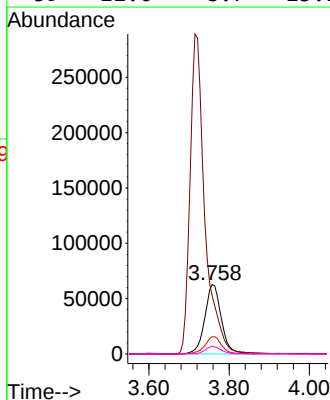
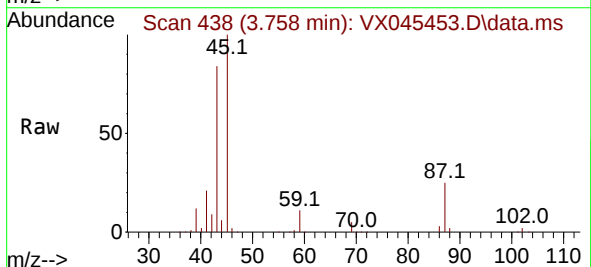
Manual Integrations
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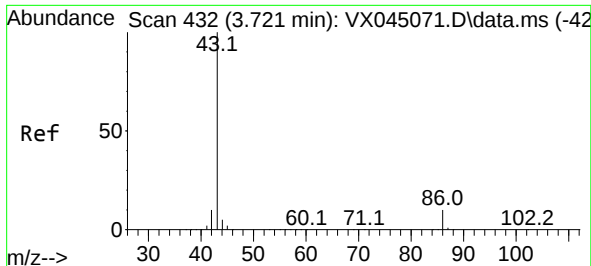
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#22
Diisopropyl ether
Concen: 53.904 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion: 45 Resp: 180498
Ion Ratio Lower Upper
45 100
43 83.9 54.9 82.3#
87 25.0 21.0 31.4
59 11.0 8.7 13.1





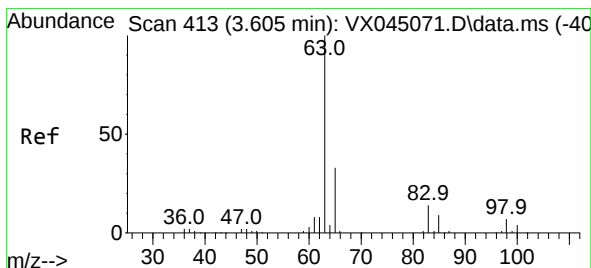
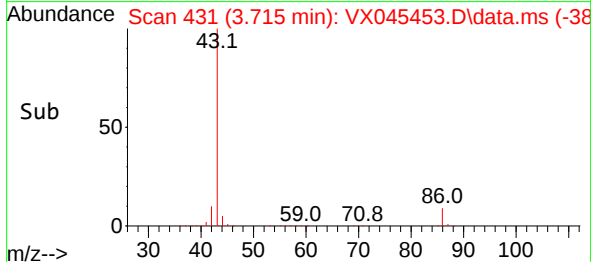
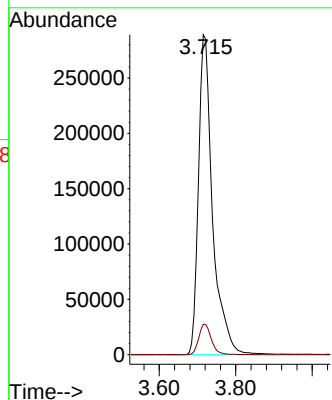
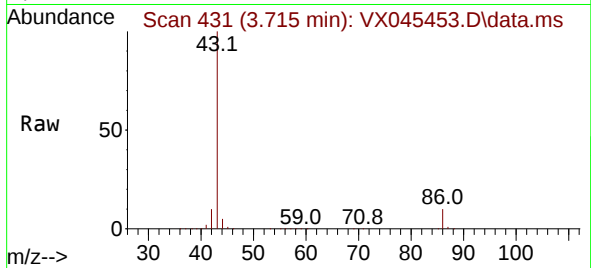
#23
 Vinyl Acetate
 Concen: 265.335 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX045453.D
 Acq: 25 Mar 2025 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20250318MS

Tgt Ion: 43 Resp: 74144
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.1 12.1

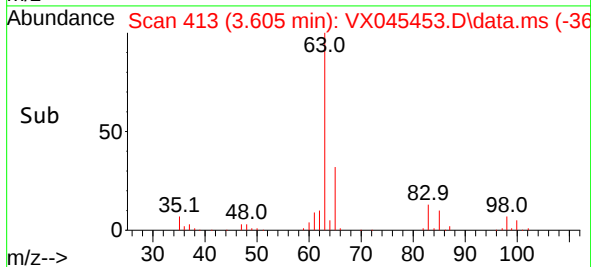
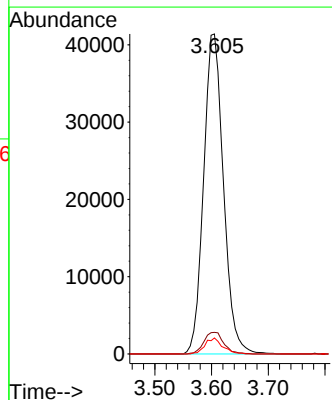
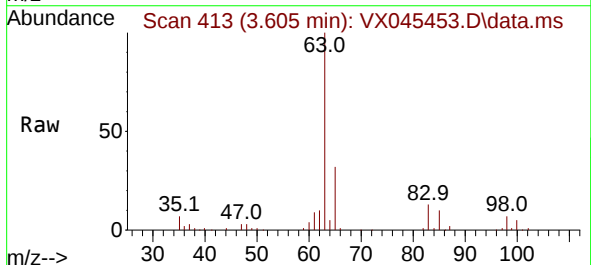
Manual Integrations
 APPROVED

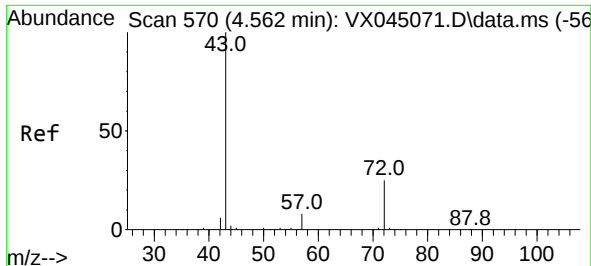
Reviewed By :John Carlone 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025



#24
 1,1-Dichloroethane
 Concen: 53.681 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045453.D
 Acq: 25 Mar 2025 20:14

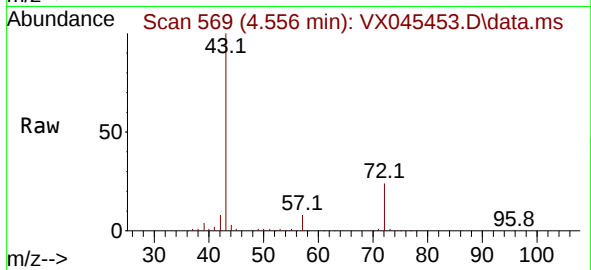
Tgt Ion: 63 Resp: 100738
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 5.0 2.1 6.5





#25
2-Butanone
Concen: 276.752 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

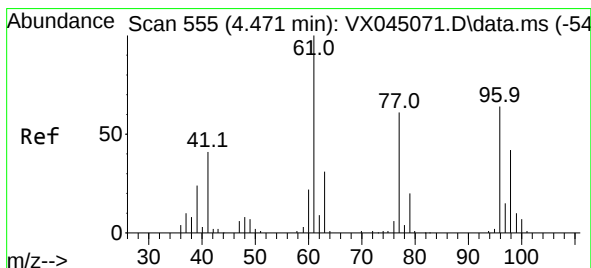
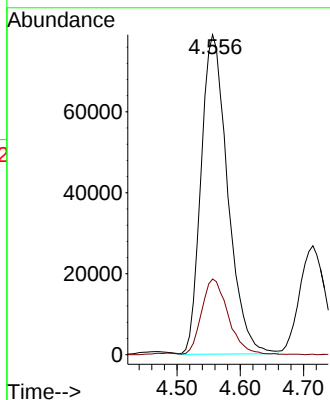
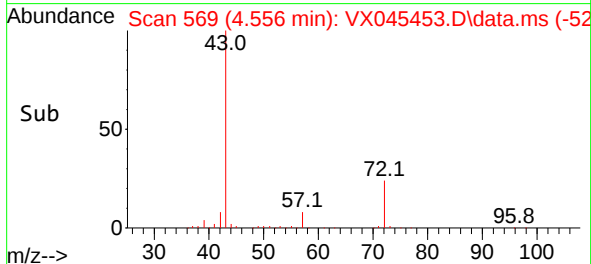
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS



Tgt Ion: 43 Resp: 23142
Ion Ratio Lower Upper
43 100
72 23.5 20.0 30.0

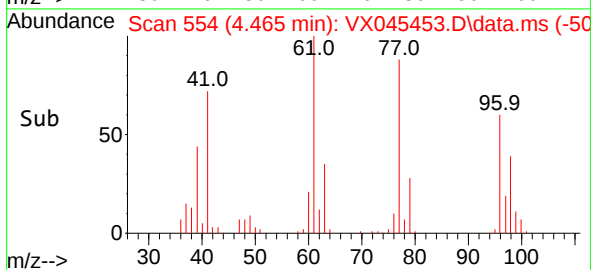
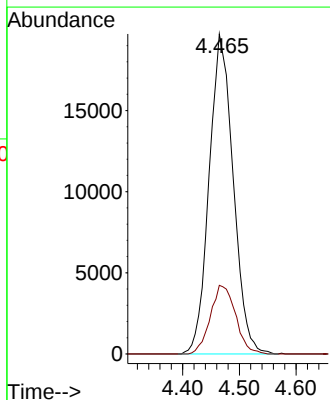
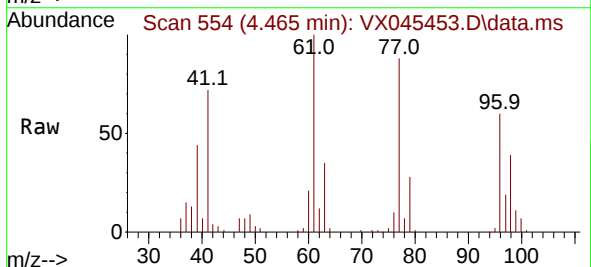
Manual Integrations
APPROVED

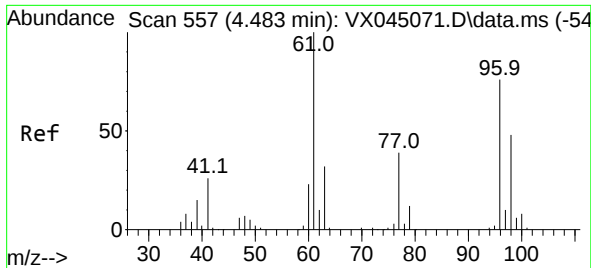
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#26
2,2-Dichloropropane
Concen: 66.041 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion: 77 Resp: 58131
Ion Ratio Lower Upper
77 100
97 22.5 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 54.628 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX045453.D

Acq: 25 Mar 2025 20:14

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20250318MS

Tgt Ion: 96 Resp: 6162

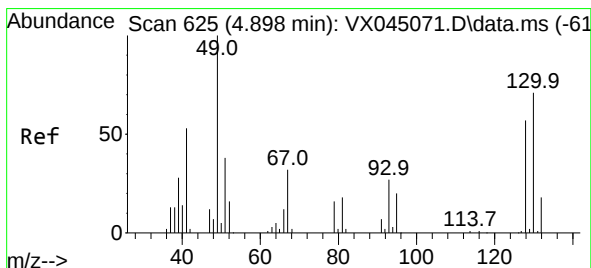
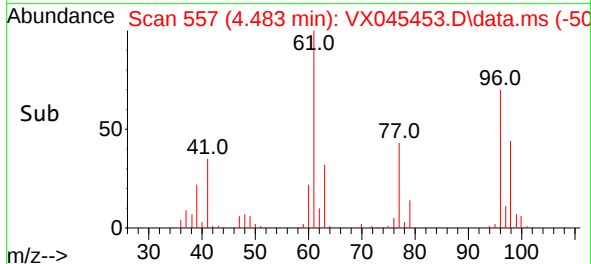
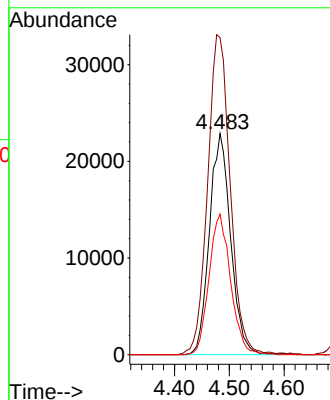
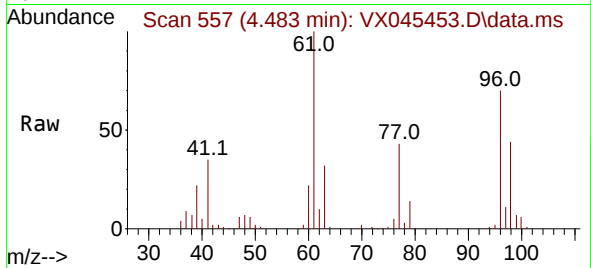
Ion	Ratio	Lower	Upper
96	100		
61	153.4	0.0	283.2
98	64.3	0.0	128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#28

Bromochloromethane

Concen: 55.149 ug/l

RT: 4.891 min Scan# 624

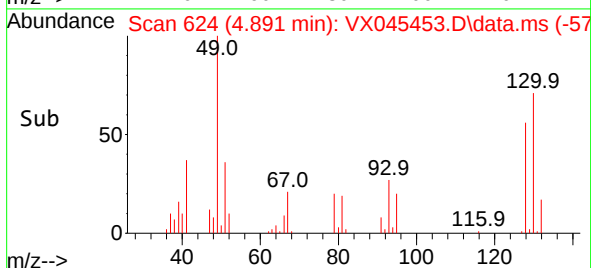
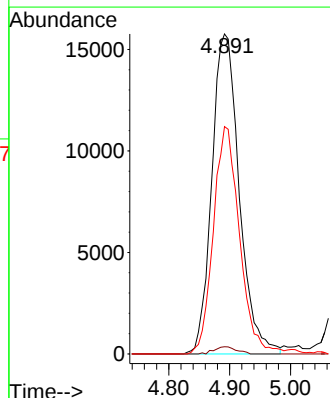
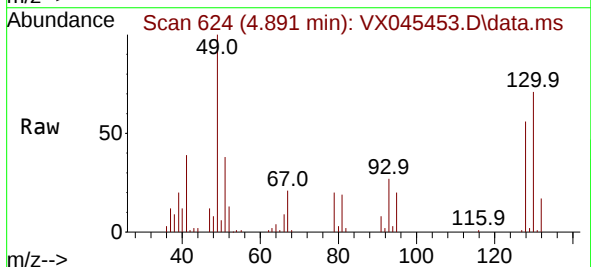
Delta R.T. -0.006 min

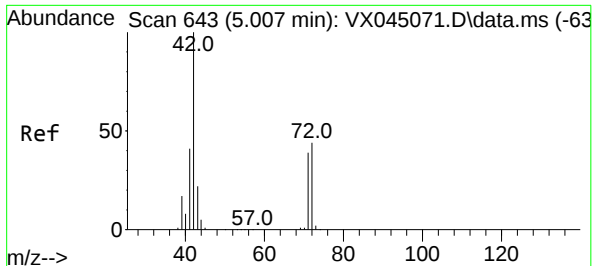
Lab File: VX045453.D

Acq: 25 Mar 2025 20:14

Tgt Ion: 49 Resp: 49330

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.4
130	67.7	56.1	84.1





#29

Tetrahydrofuran

Concen: 260.824 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX045453.D

Acq: 25 Mar 2025 20:14

Instrument :

MSVOA_X

ClientSampleId :

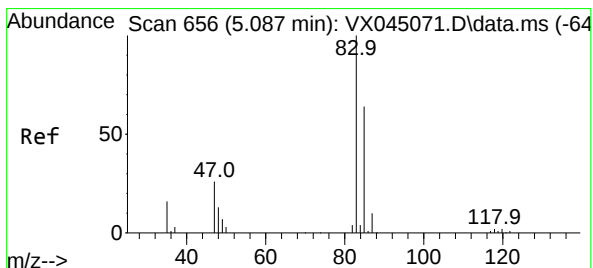
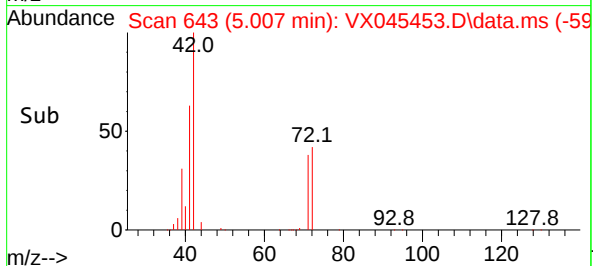
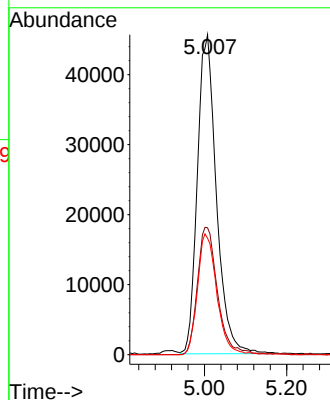
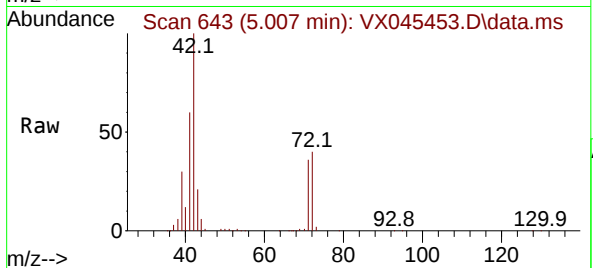
RE132D1-20250318MS

Tgt Ion: 42 Resp: 146468

Ion	Ratio	Lower	Upper
42	100		
72	42.2	34.1	51.1
71	38.4	31.4	47.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#30

Chloroform

Concen: 56.461 ug/l

RT: 5.087 min Scan# 656

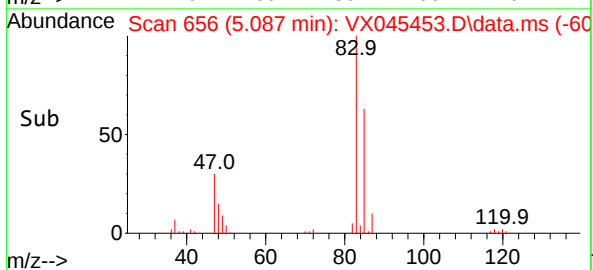
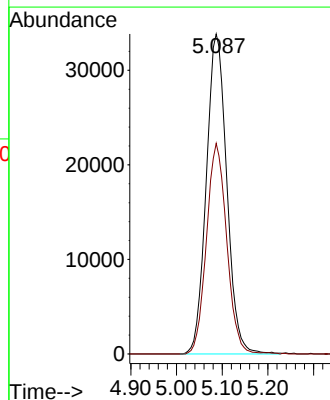
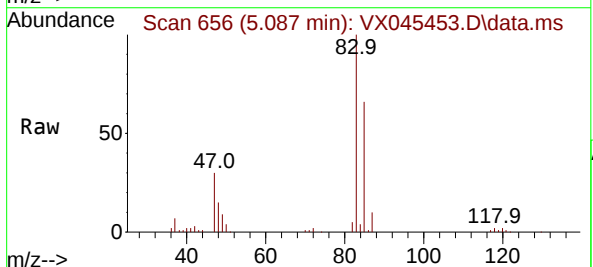
Delta R.T. 0.000 min

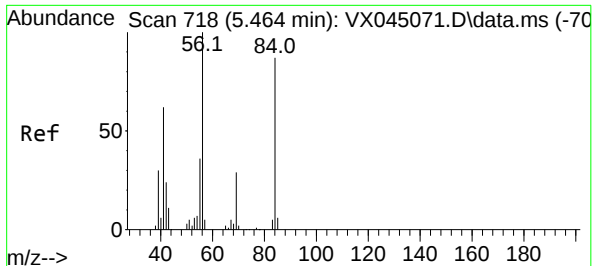
Lab File: VX045453.D

Acq: 25 Mar 2025 20:14

Tgt Ion: 83 Resp: 105279

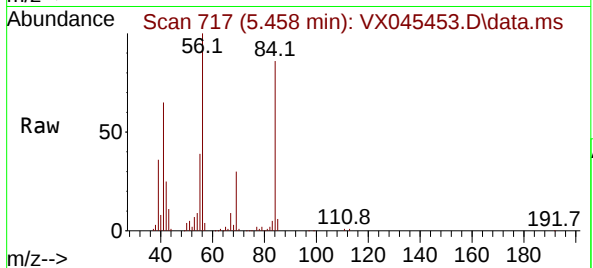
Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.4	77.2





#31
Cyclohexane
Concen: 54.794 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

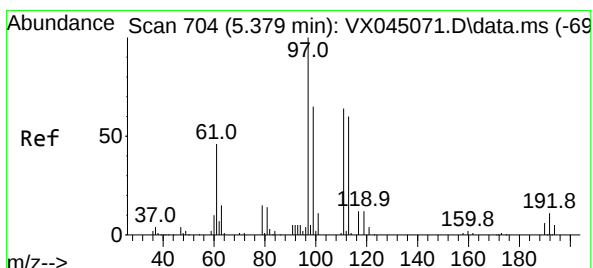
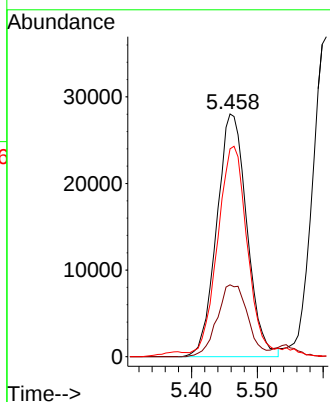
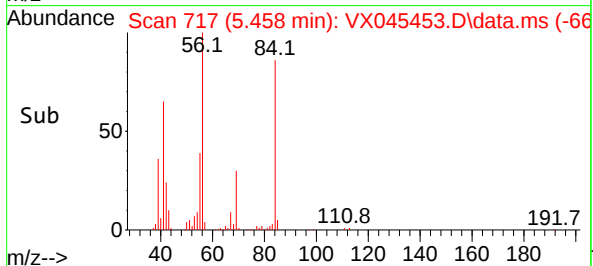
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS



Tgt Ion: 56 Resp: 89260
Ion Ratio Lower Upper
56 100
69 29.6 23.4 35.2
84 83.5 69.4 104.2

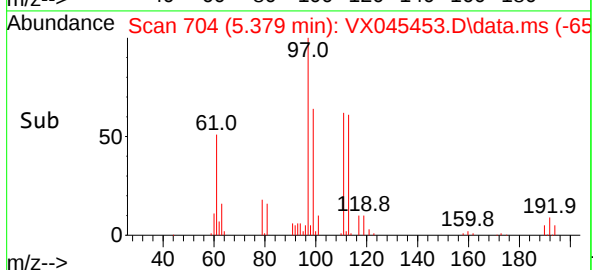
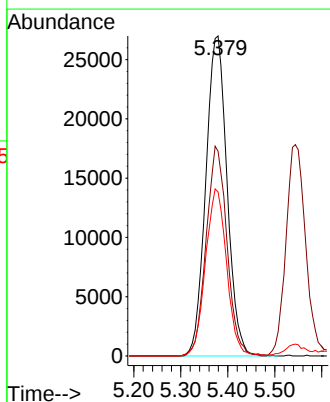
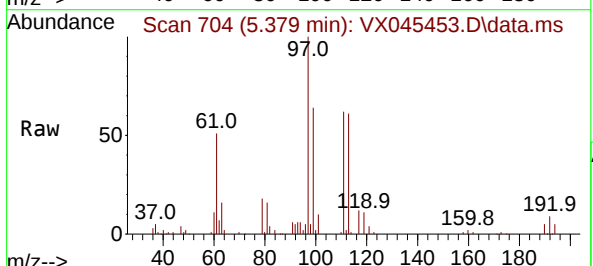
Manual Integrations
APPROVED

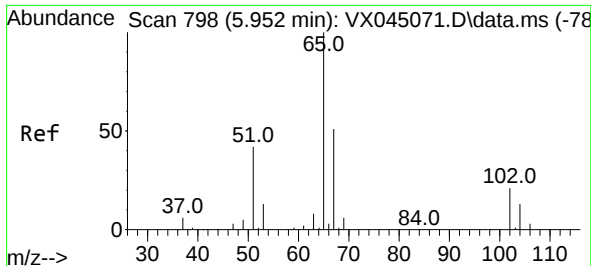
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#32
1,1,1-Trichloroethane
Concen: 56.368 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion: 97 Resp: 84889
Ion Ratio Lower Upper
97 100
99 63.9 51.6 77.4
61 52.0 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 56.661 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045453.D

Acq: 25 Mar 2025 20:14

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20250318MS

Tgt Ion: 65 Resp: 6784

Ion Ratio Lower Upper

65 100

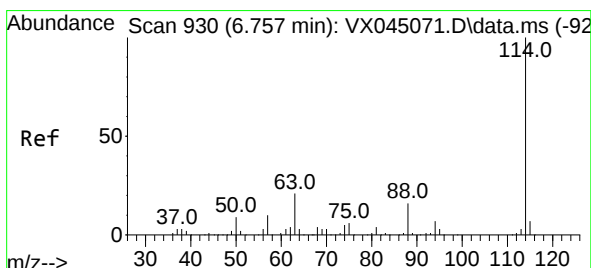
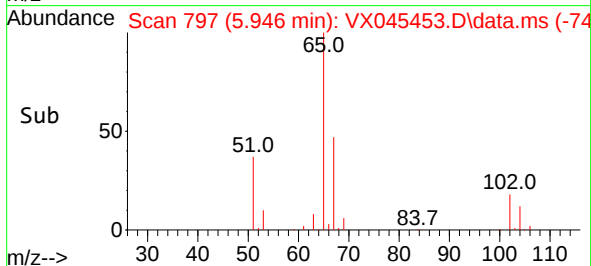
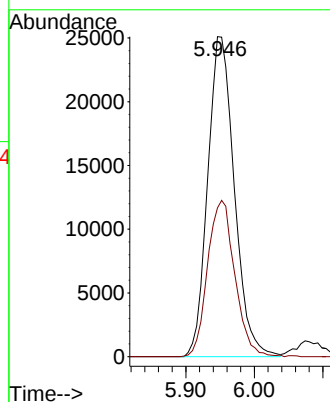
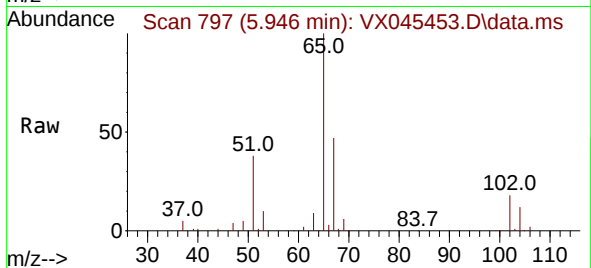
67 49.8 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045453.D

Acq: 25 Mar 2025 20:14

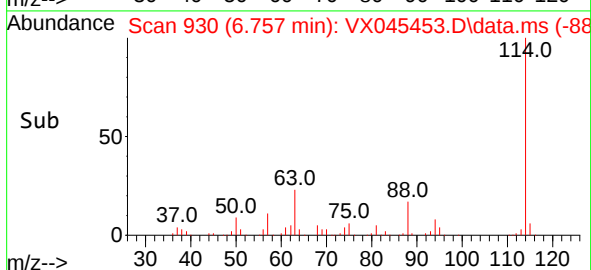
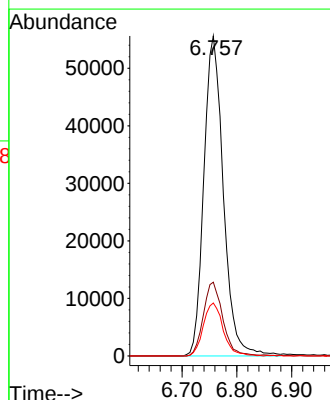
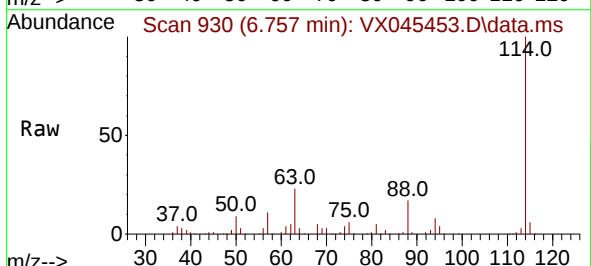
Tgt Ion:114 Resp: 137526

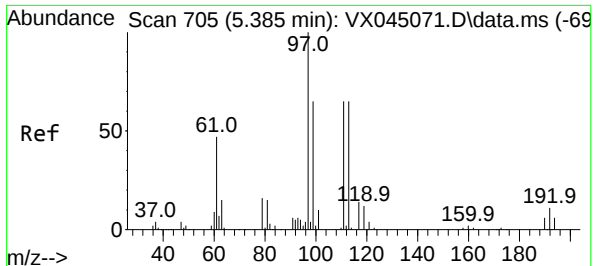
Ion Ratio Lower Upper

114 100

63 23.0 0.0 41.8

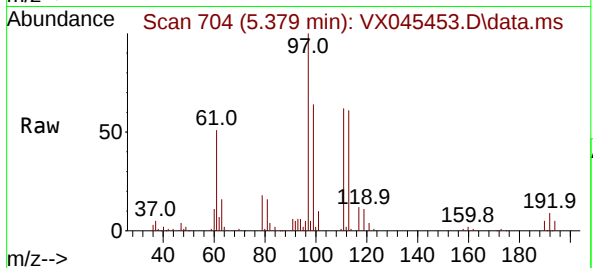
88 16.6 0.0 32.8





#35
Dibromofluoromethane
Concen: 52.894 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

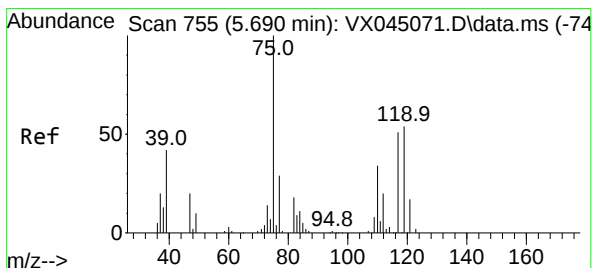
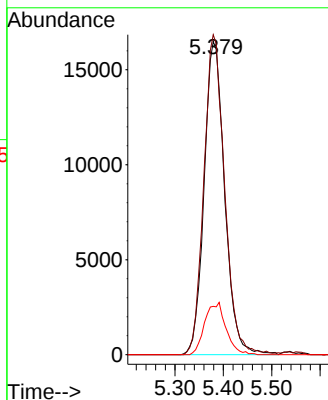
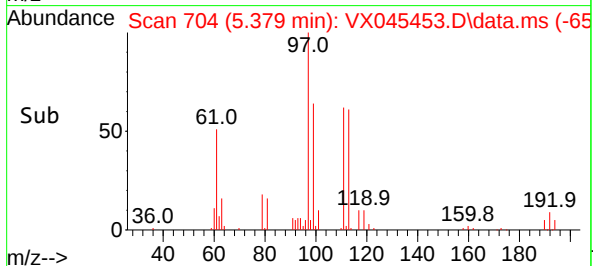
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS



Tgt Ion: 113 Resp: 4864
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.6
192 17.2 14.3 21.5

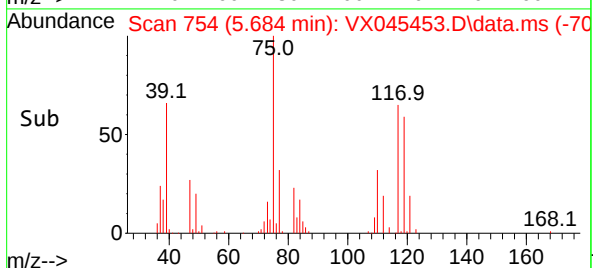
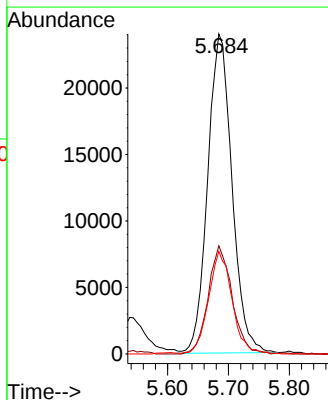
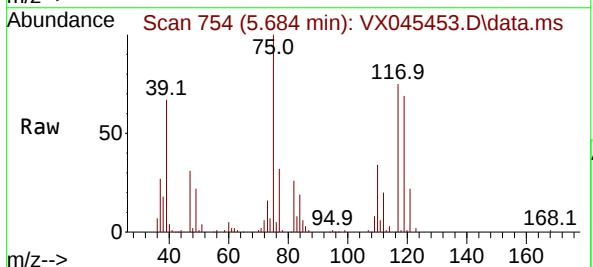
Manual Integrations
APPROVED

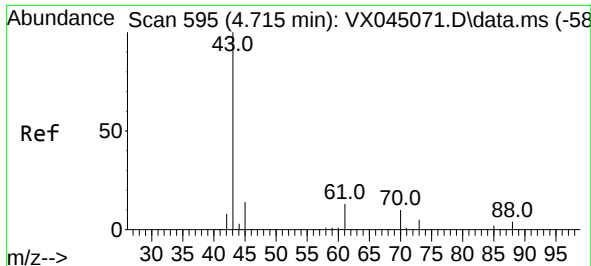
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#36
1,1-Dichloropropene
Concen: 52.811 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

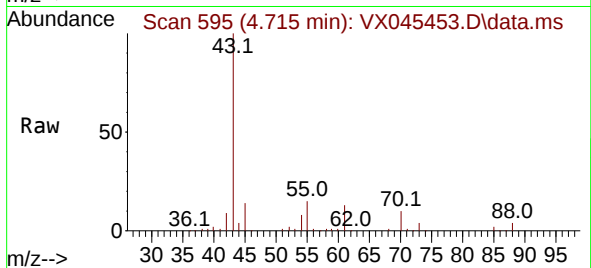
Tgt Ion: 75 Resp: 66602
Ion Ratio Lower Upper
75 100
110 33.2 16.9 50.6
77 31.2 24.5 36.7





#37
Ethyl Acetate
Concen: 49.380 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

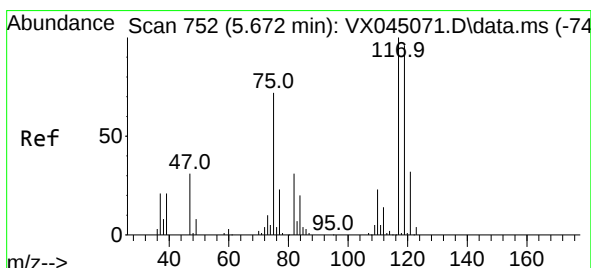
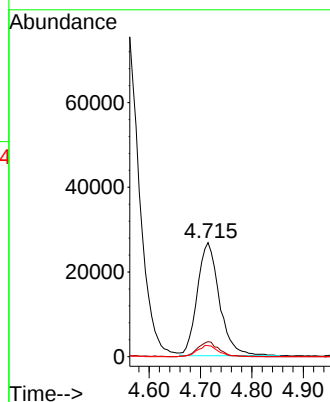
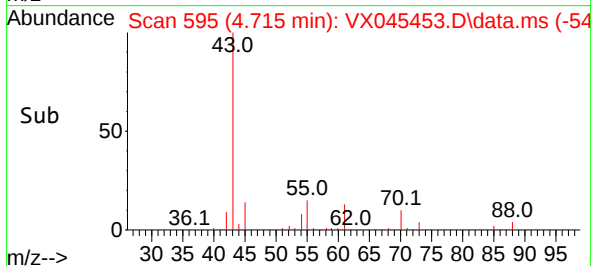
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS



Tgt Ion: 43 Resp: 80240
Ion Ratio Lower Upper
43 100
61 12.8 10.8 16.2
70 9.5 7.7 11.5

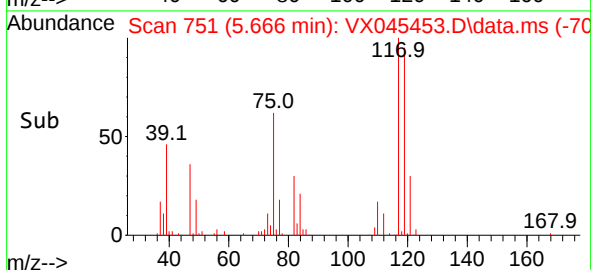
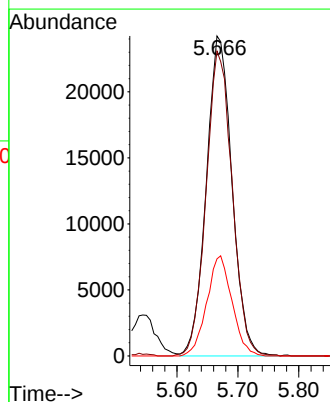
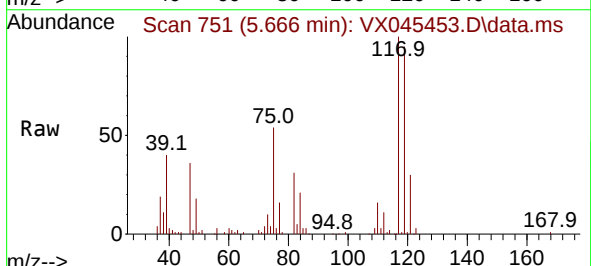
Manual Integrations
APPROVED

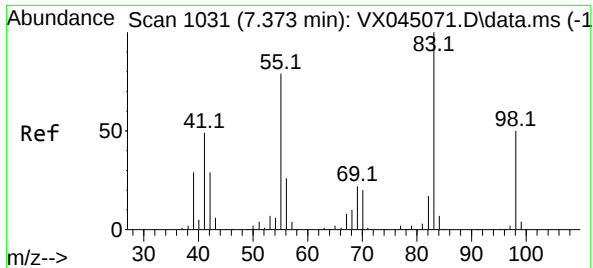
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#38
Carbon Tetrachloride
Concen: 55.555 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

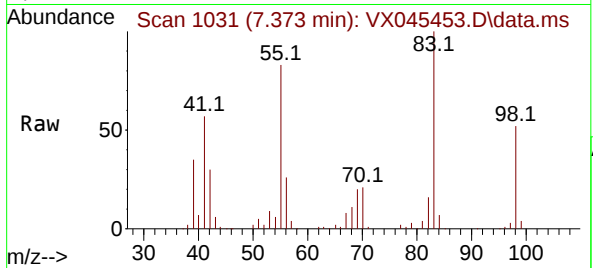
Tgt Ion:117 Resp: 71130
Ion Ratio Lower Upper
117 100
119 95.2 76.7 115.1
121 30.4 25.5 38.3





#39
Methylcyclohexane
Concen: 55.840 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

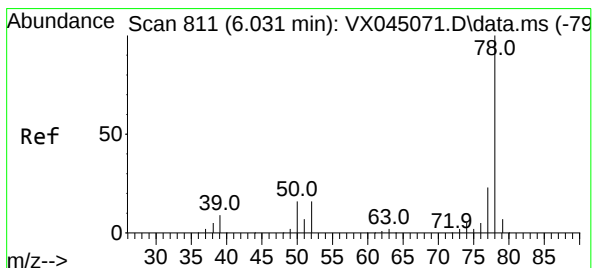
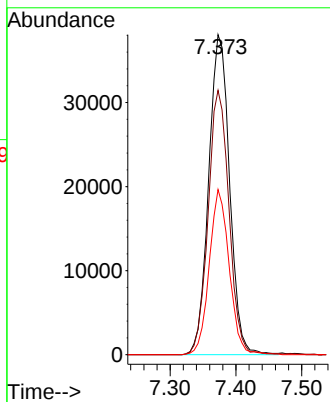
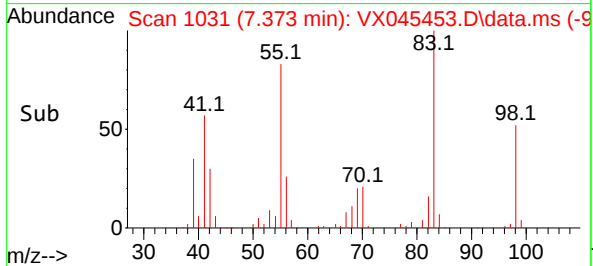
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS



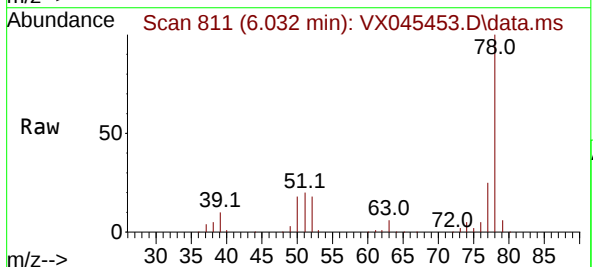
Tgt Ion: 83 Resp: 8438
Ion Ratio Lower Upper
83 100
55 82.6 63.0 94.4
98 51.6 39.7 59.5

Manual Integrations
APPROVED

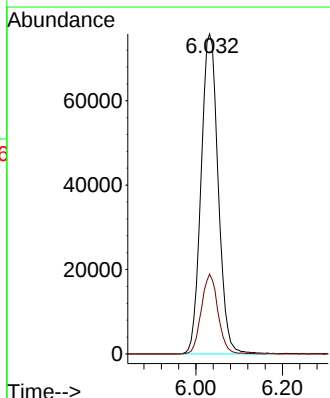
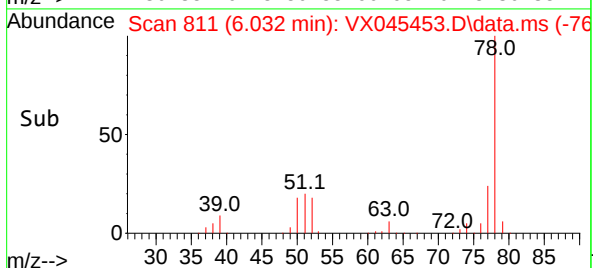
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

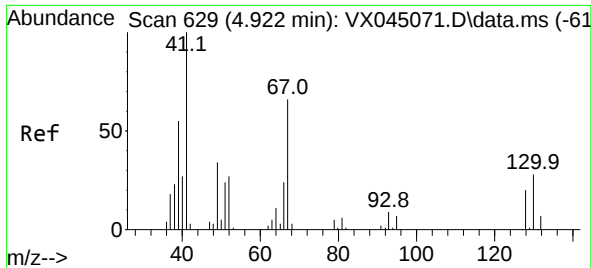


#40
Benzene
Concen: 52.266 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14



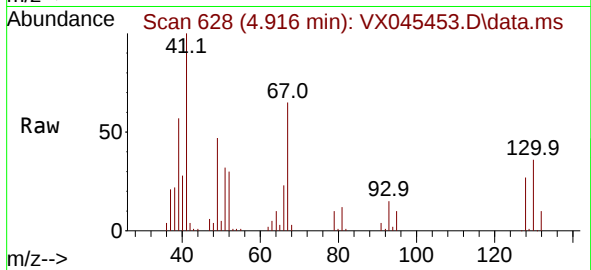
Tgt Ion: 78 Resp: 208143
Ion Ratio Lower Upper
78 100
77 25.0 18.8 28.2





#41
Methacrylonitrile
Concen: 54.658 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

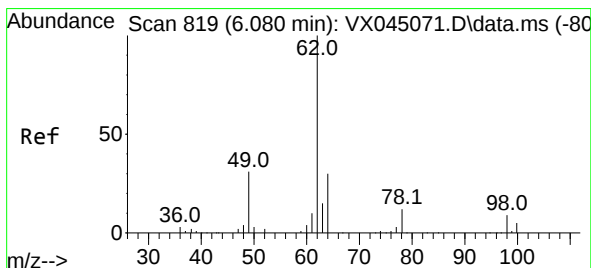
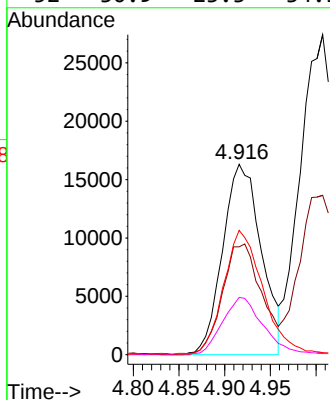
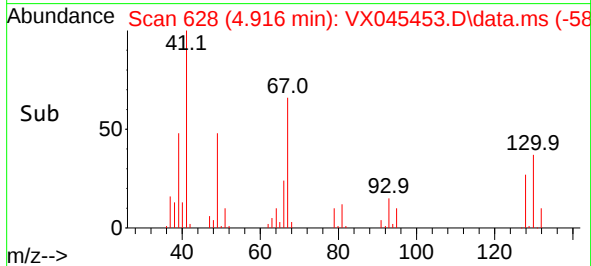
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS



Tgt Ion: 41 Resp: 48028
Ion Ratio Lower Upper
41 100
39 59.0 44.6 67.0
67 67.3 53.9 80.9
52 30.9 23.3 34.9

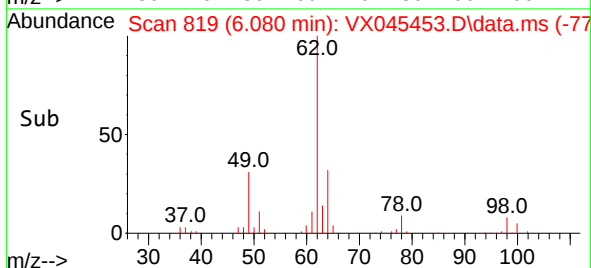
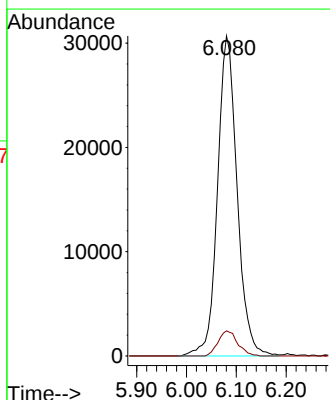
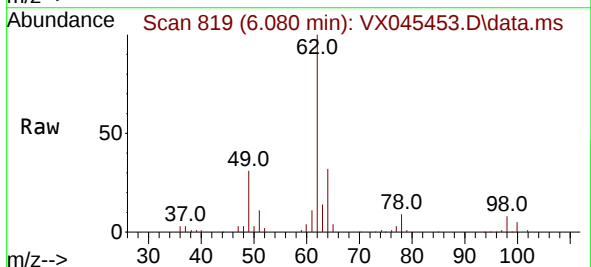
Manual Integrations
APPROVED

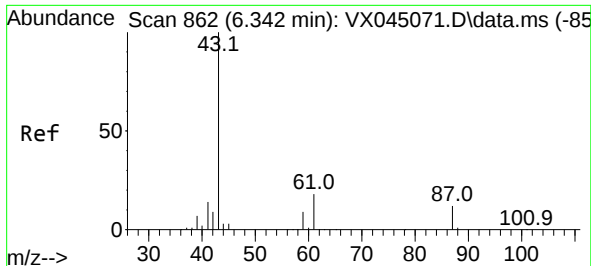
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#42
1,2-Dichloroethane
Concen: 58.431 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

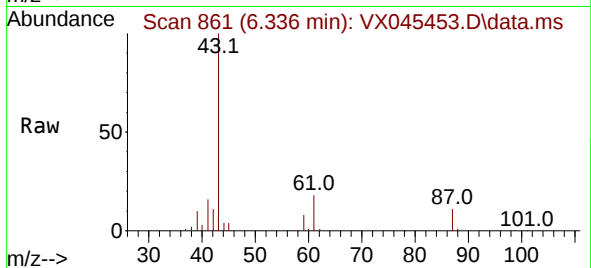
Tgt Ion: 62 Resp: 83793
Ion Ratio Lower Upper
62 100
98 7.8 0.0 18.2





#43
Isopropyl Acetate
Concen: 51.396 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

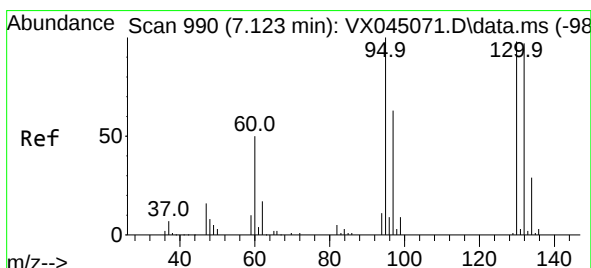
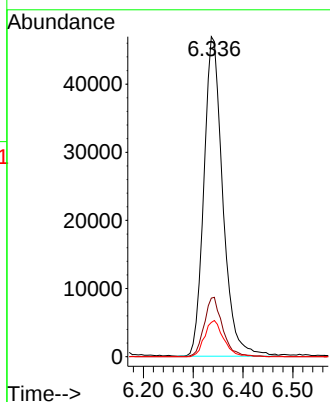
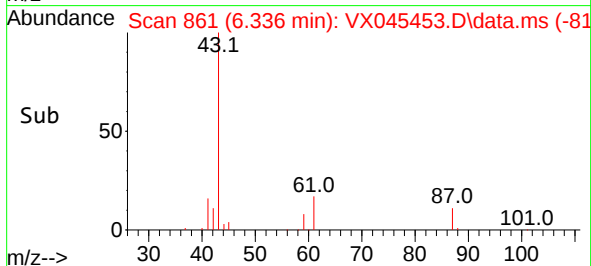
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS



Tgt Ion: 43 Resp: 123504
Ion Ratio Lower Upper
43 100
61 18.0 14.9 22.3
87 11.4 9.4 14.2

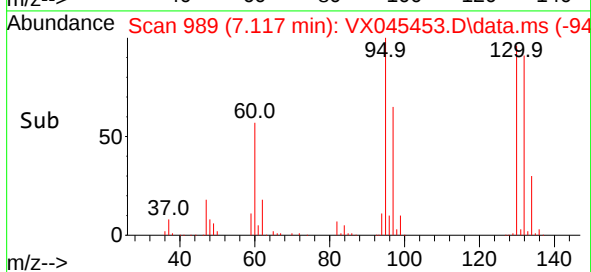
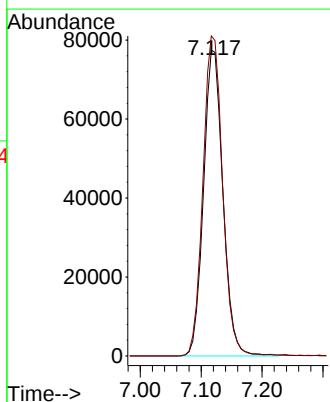
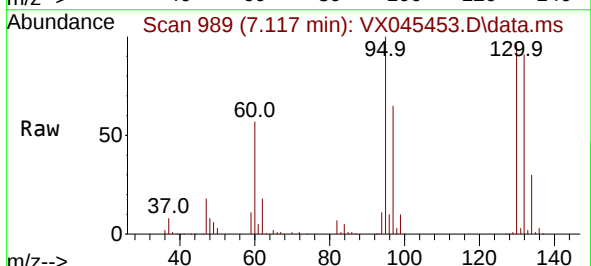
Manual Integrations
APPROVED

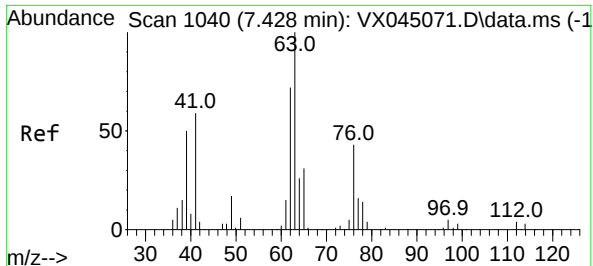
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#44
Trichloroethene
Concen: 183.571 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion:130 Resp: 171657
Ion Ratio Lower Upper
130 100
95 104.7 0.0 205.0





#45

1,2-Dichloropropane

Concen: 50.352 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX045453.D

Acq: 25 Mar 2025 20:14

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20250318MS

Tgt Ion: 63 Resp: 5155

Ion Ratio Lower Upper

63 100

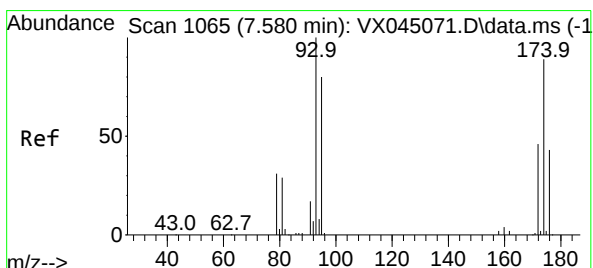
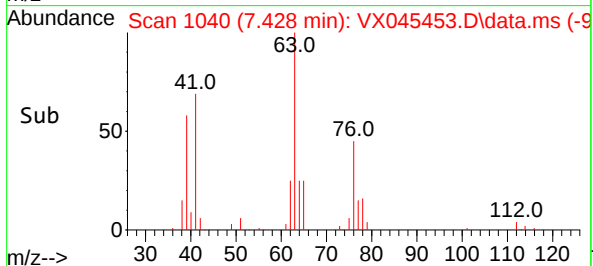
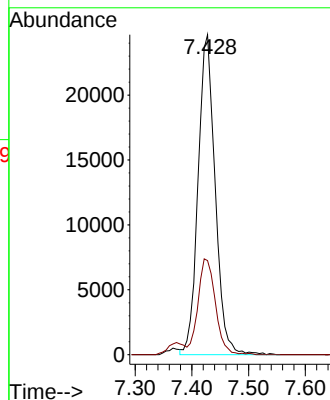
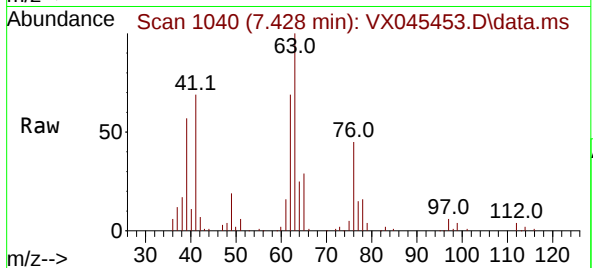
65 29.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#46

Dibromomethane

Concen: 53.727 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX045453.D

Acq: 25 Mar 2025 20:14

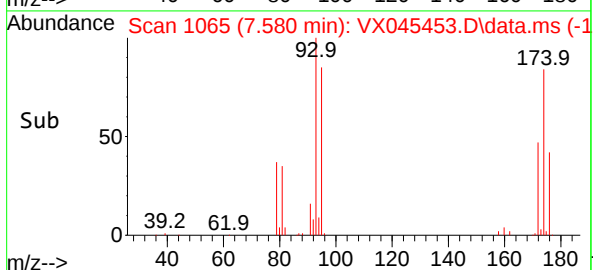
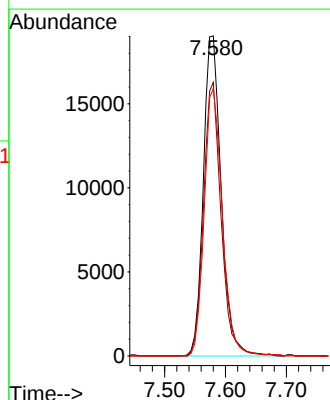
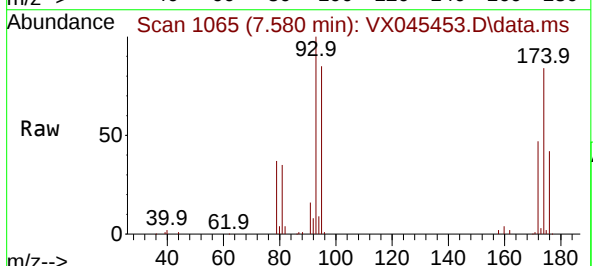
Tgt Ion: 93 Resp: 38883

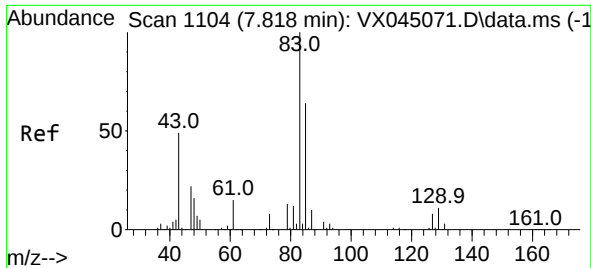
Ion Ratio Lower Upper

93 100

95 83.9 65.8 98.8

174 84.8 72.2 108.2





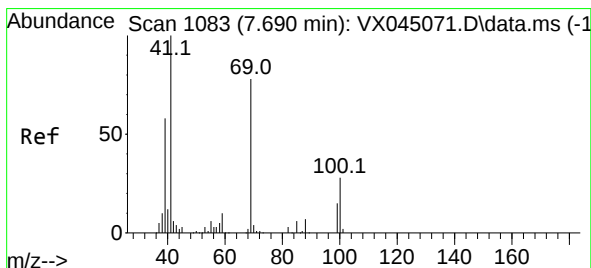
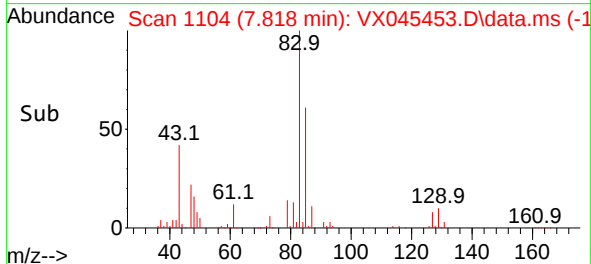
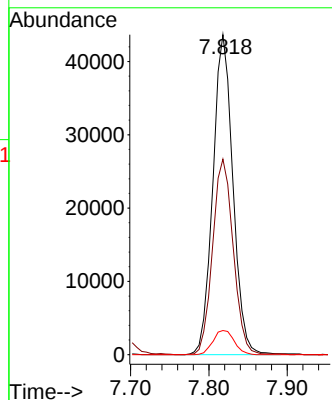
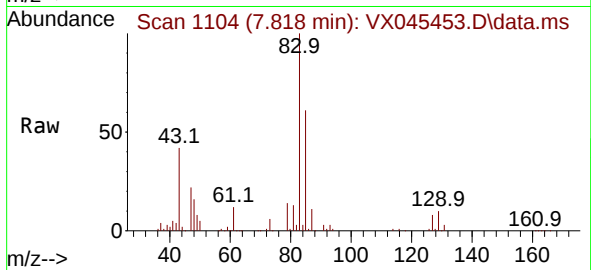
#47
Bromodichloromethane
Concen: 54.707 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS

Tgt Ion: 83 Resp: 77659
Ion Ratio Lower Upper
83 100
85 61.1 51.1 76.7
127 7.6 6.4 9.6

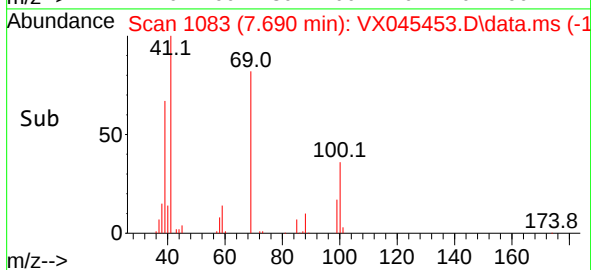
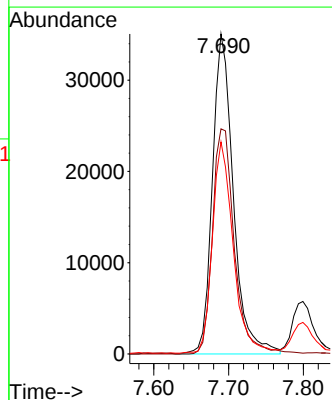
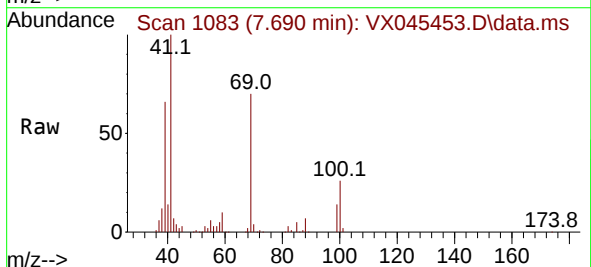
Manual Integrations
APPROVED

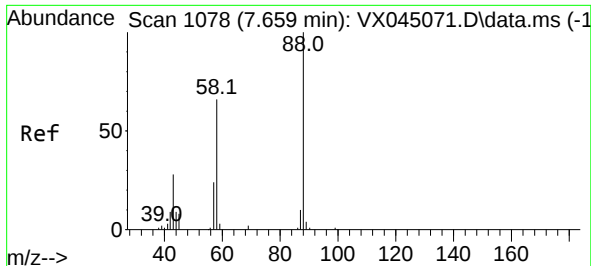
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#48
Methyl methacrylate
Concen: 56.583 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion: 41 Resp: 68214
Ion Ratio Lower Upper
41 100
69 73.5 63.0 94.6
39 65.6 47.5 71.3





#49

1,4-Dioxane

Concen: 1102.003 ug/l

RT: 7.659 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VX045453.D

Acq: 25 Mar 2025 20:14

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20250318MS

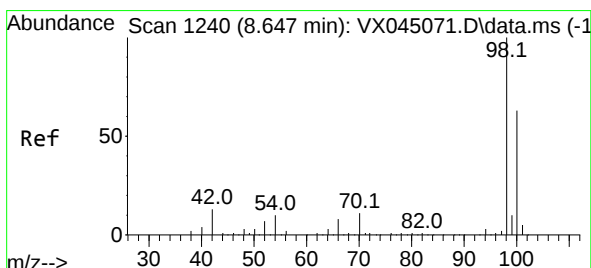
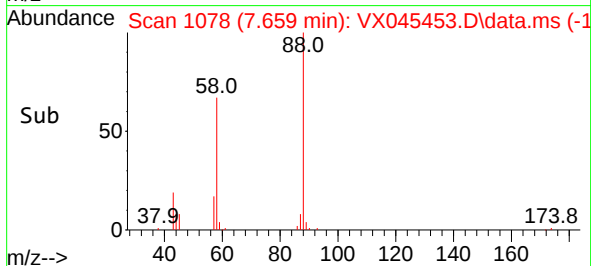
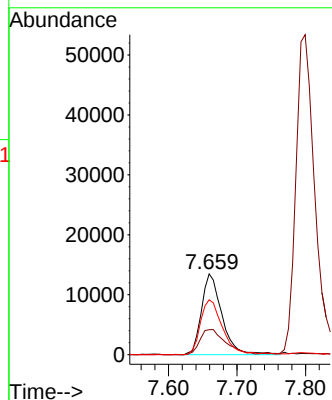
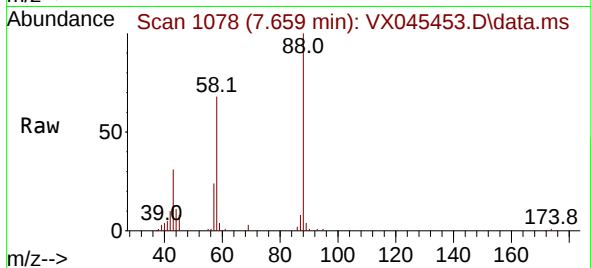
Tgt Ion:	88	Resp:	28024
Ion	Ratio	Lower	Upper
88	100		
43	39.3	28.7	43.1
58	72.2	55.8	83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#50

Toluene-d8

Concen: 50.072 ug/l

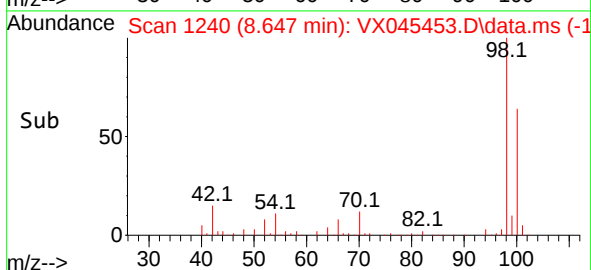
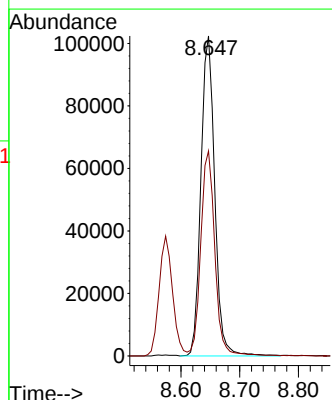
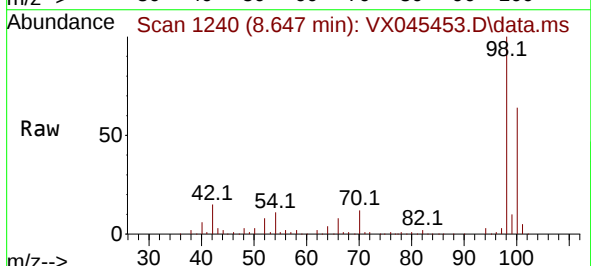
RT: 8.647 min Scan# 1240

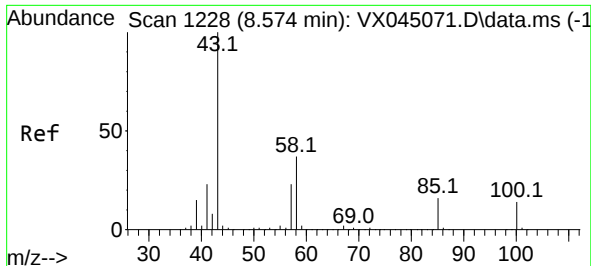
Delta R.T. 0.000 min

Lab File: VX045453.D

Acq: 25 Mar 2025 20:14

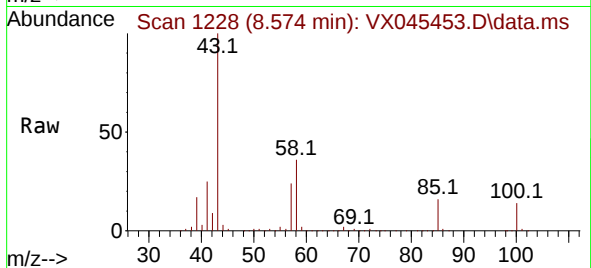
Tgt Ion:	98	Resp:	166935
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 284.768 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

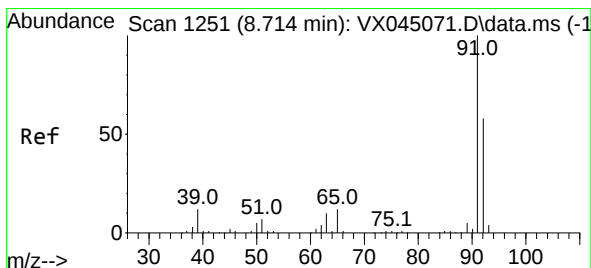
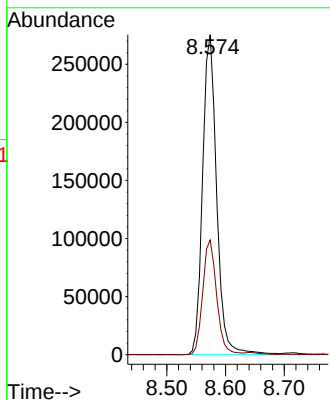
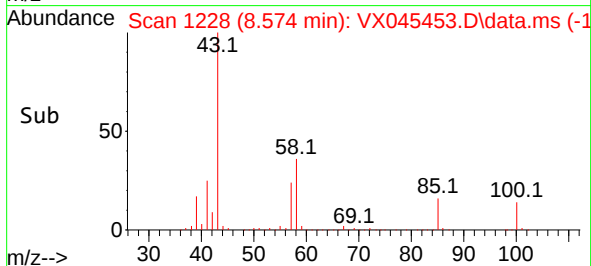
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS



Tgt Ion: 43 Resp: 45946
Ion Ratio Lower Upper
43 100
58 35.4 29.2 43.8

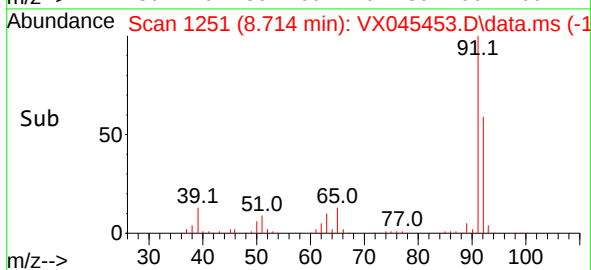
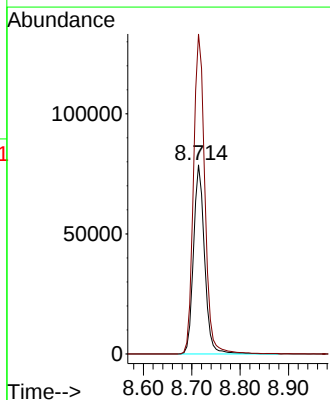
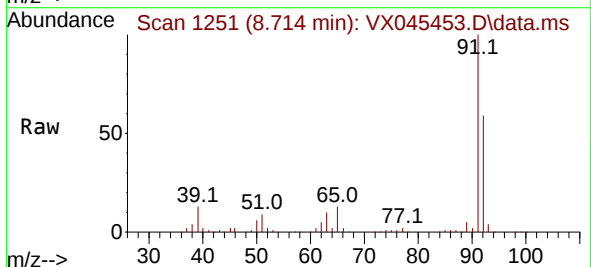
Manual Integrations
APPROVED

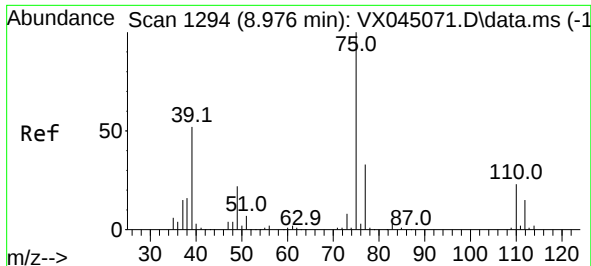
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#52
Toluene
Concen: 53.425 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

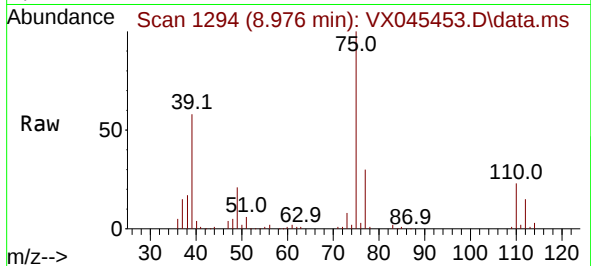
Tgt Ion: 92 Resp: 124829
Ion Ratio Lower Upper
92 100
91 173.7 138.9 208.3





#53
t-1,3-Dichloropropene
Concen: 54.408 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

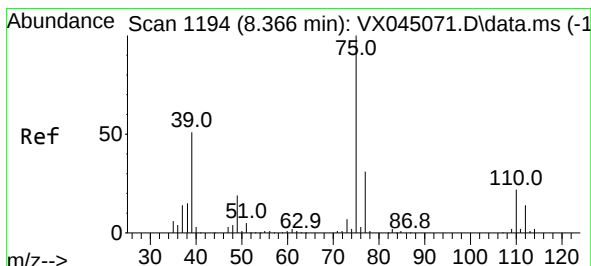
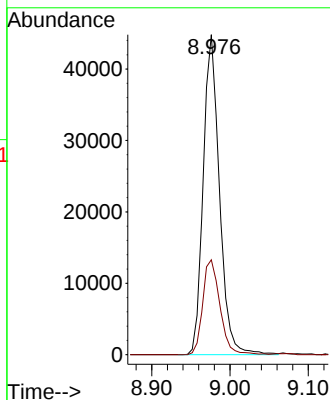
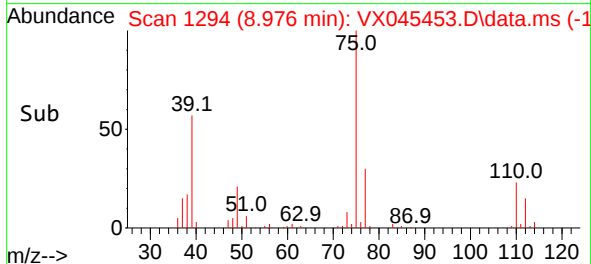
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS



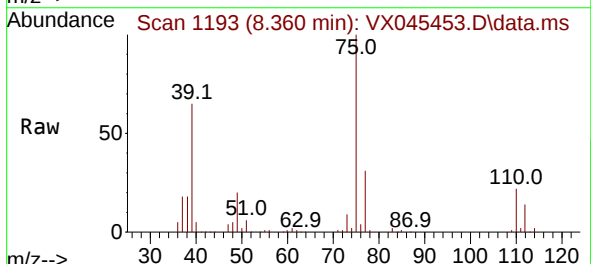
Tgt Ion: 75 Resp: 64569
Ion Ratio Lower Upper
75 100
77 29.7 26.5 39.7

Manual Integrations
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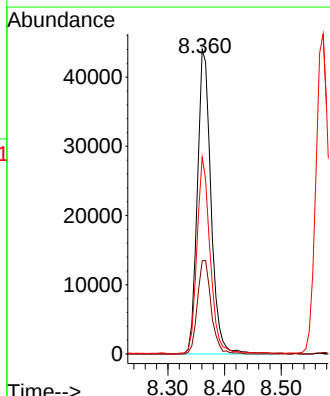
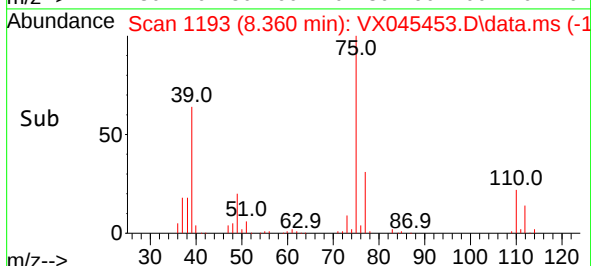
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

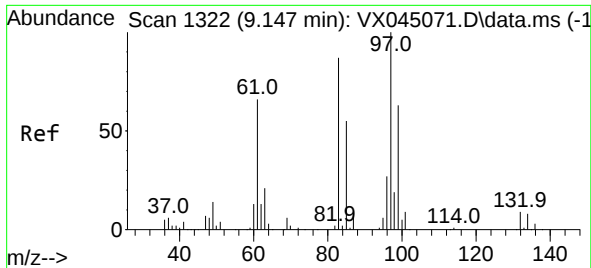


#54
cis-1,3-Dichloropropene
Concen: 53.063 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14



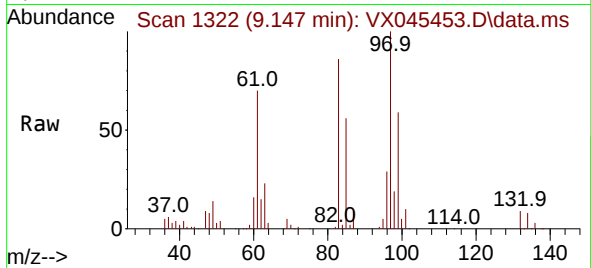
Tgt Ion: 75 Resp: 73432
Ion Ratio Lower Upper
75 100
77 30.6 24.7 37.1
39 64.4 40.7 61.1#





#55
1,1,2-Trichloroethane
Concen: 52.881 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS

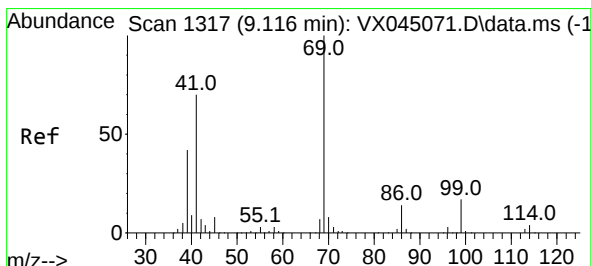
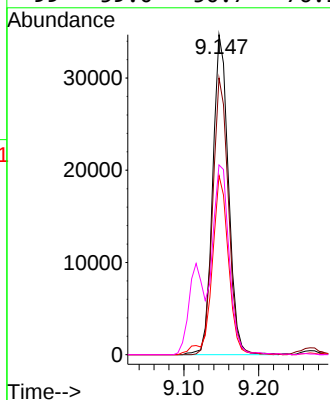
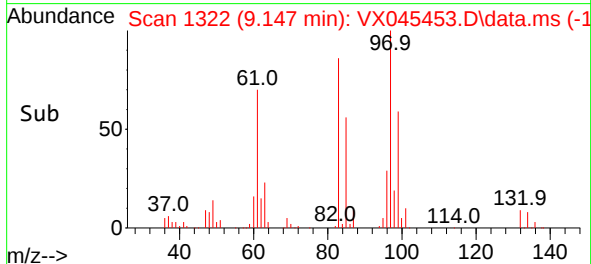


Tgt Ion: 97 Resp: 5086

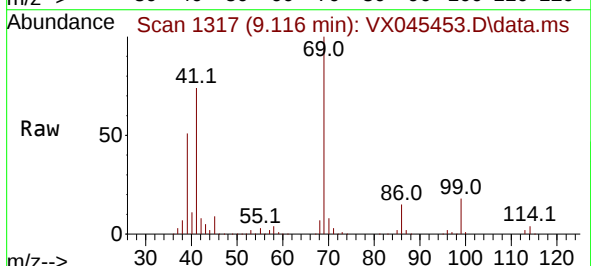
Ion	Ratio	Lower	Upper
97	100		
83	86.5	69.4	104.2
85	56.0	44.1	66.1
99	59.0	50.7	76.1

Manual Integrations
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Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

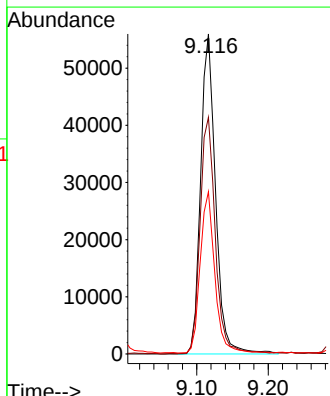
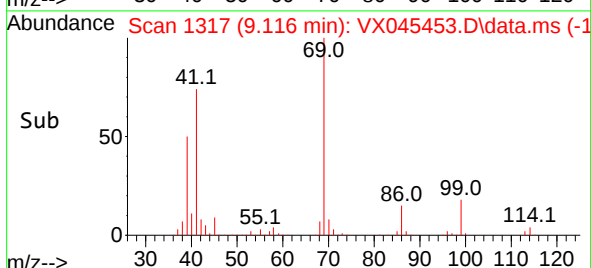


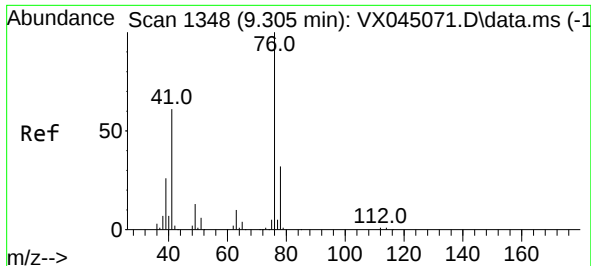
#56
Ethyl methacrylate
Concen: 55.542 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14



Tgt Ion: 69 Resp: 81211

Ion	Ratio	Lower	Upper
69	100		
41	76.1	57.0	85.4
39	49.5	34.2	51.4





#57

1,3-Dichloropropane

Concen: 52.026 ug/l

RT: 9.305 min Scan# 1348

Delta R.T. 0.000 min

Lab File: VX045453.D

Acq: 25 Mar 2025 20:14

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20250318MS

Tgt Ion: 76 Resp: 8660

Ion Ratio Lower Upper

76 100

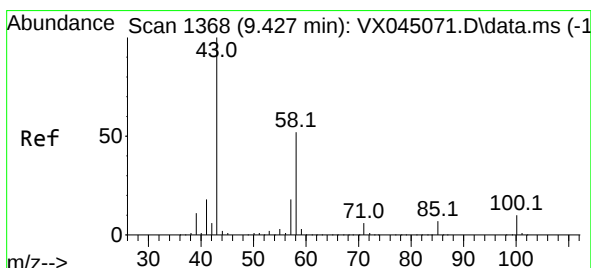
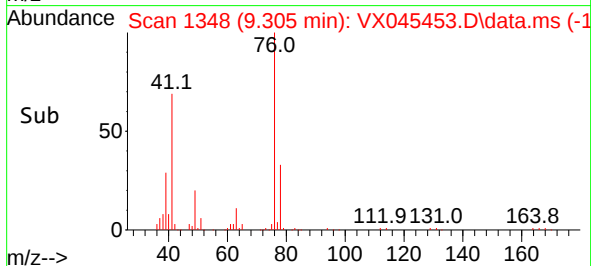
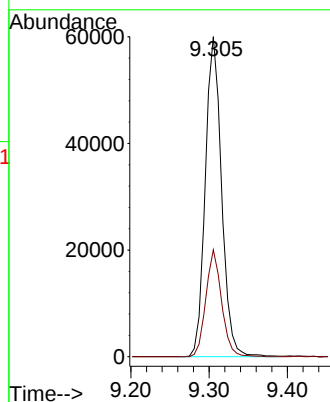
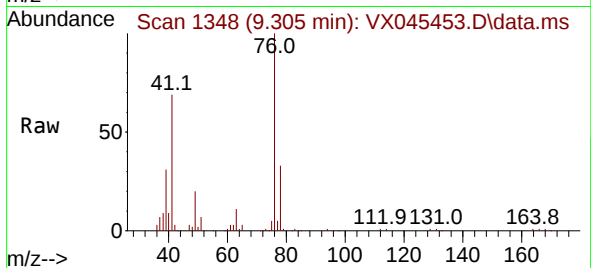
78 32.2 25.5 38.3

Manual Integrations

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Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#59

2-Hexanone

Concen: 297.997 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX045453.D

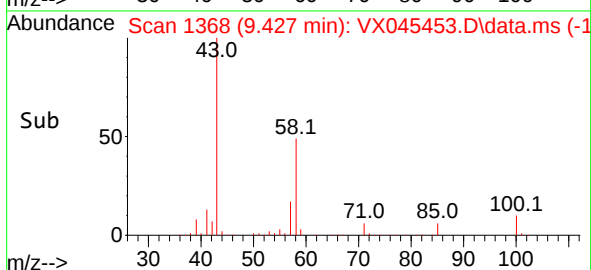
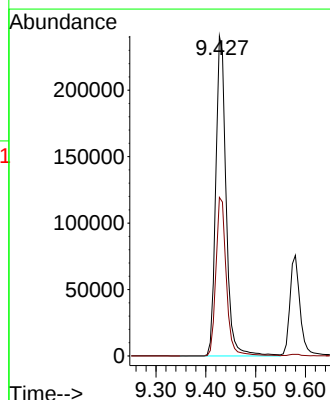
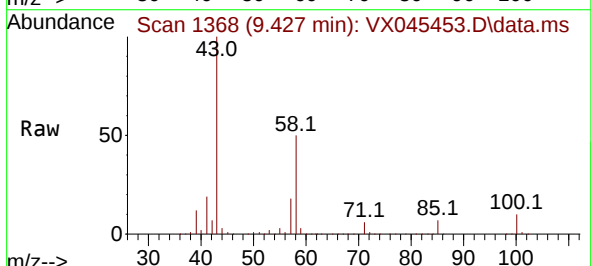
Acq: 25 Mar 2025 20:14

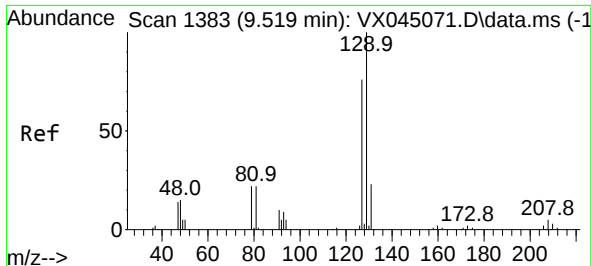
Tgt Ion: 43 Resp: 348369

Ion Ratio Lower Upper

43 100

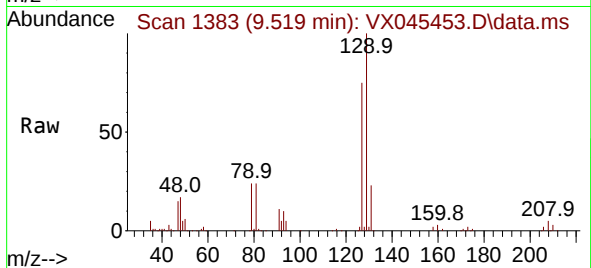
58 49.7 25.9 77.6





#60
Dibromochloromethane
Concen: 54.132 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

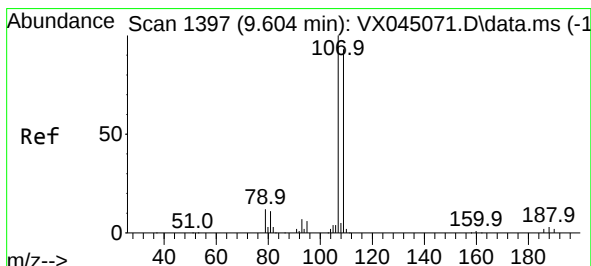
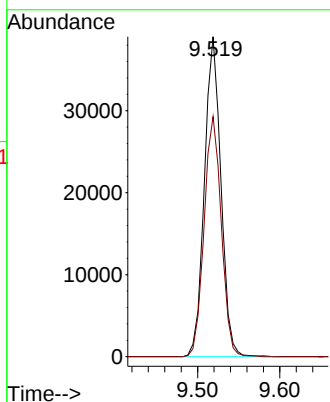
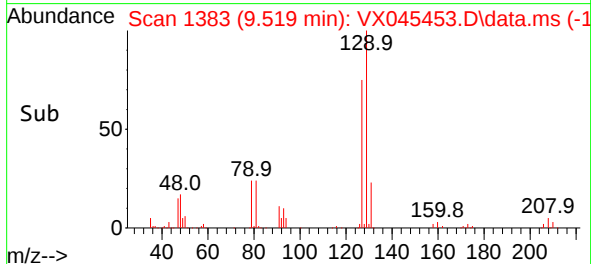
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS



Tgt Ion:129 Resp: 5444
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.5

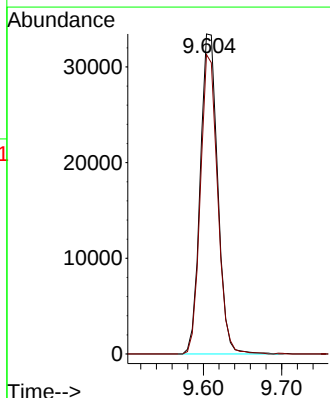
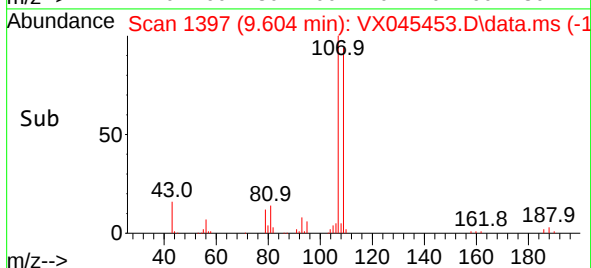
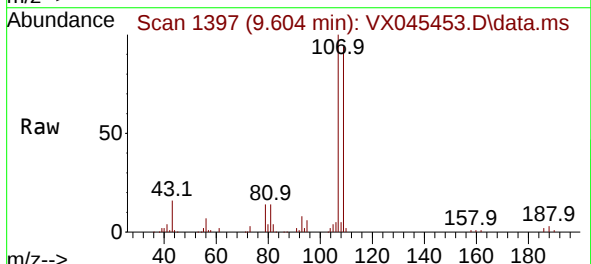
Manual Integrations
APPROVED

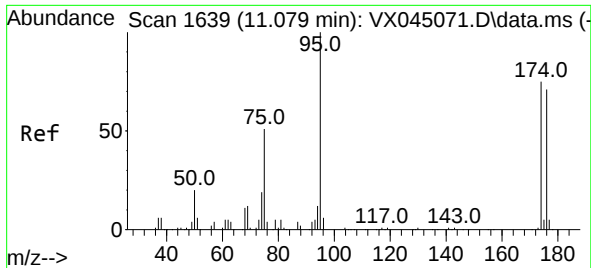
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#61
1,2-Dibromoethane
Concen: 53.837 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

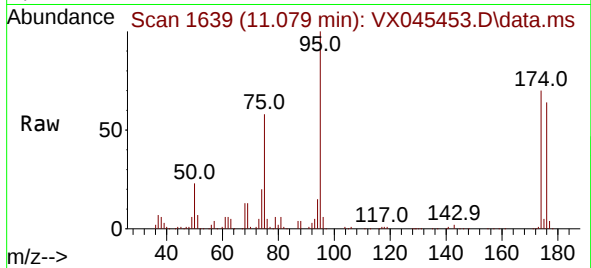
Tgt Ion:107 Resp: 51698
Ion Ratio Lower Upper
107 100
109 92.2 76.1 114.1





#62
4-Bromofluorobenzene
Concen: 57.430 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

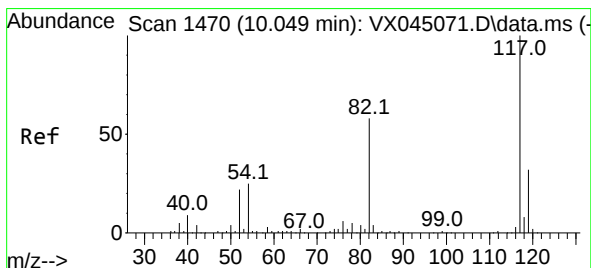
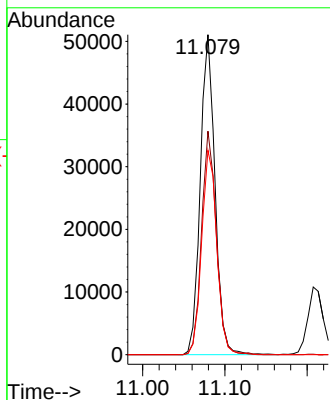
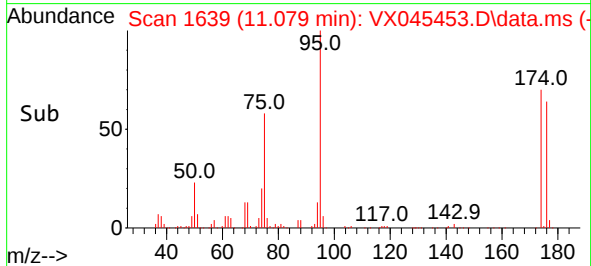
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS



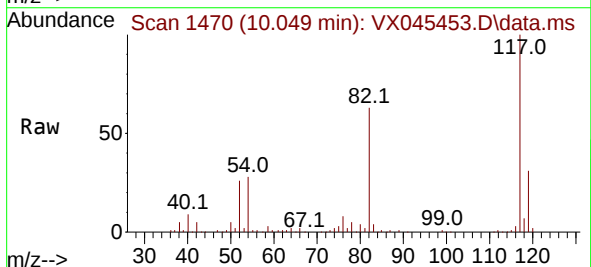
Tgt Ion: 95 Resp: 6344
Ion Ratio Lower Upper
95 100
174 70.0 0.0 148.2
176 65.7 0.0 141.4

Manual Integrations
APPROVED

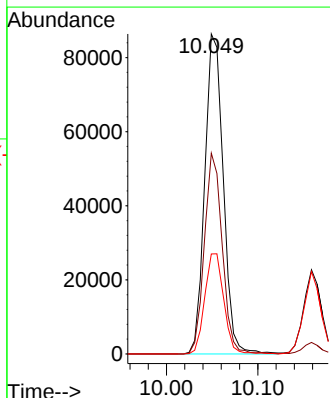
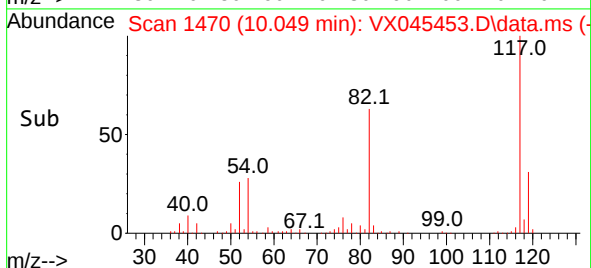
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

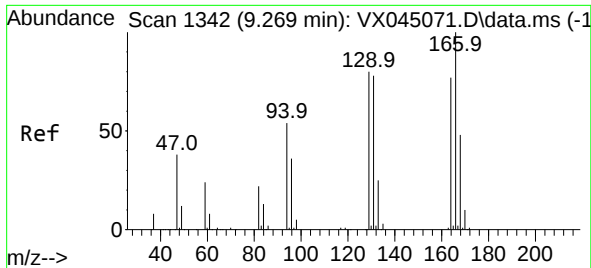


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14



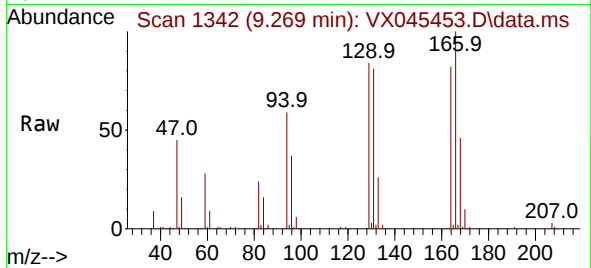
Tgt Ion:117 Resp: 121362
Ion Ratio Lower Upper
117 100
82 62.8 46.3 69.5
119 31.2 25.7 38.5





#64
Tetrachloroethene
Concen: 58.224 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

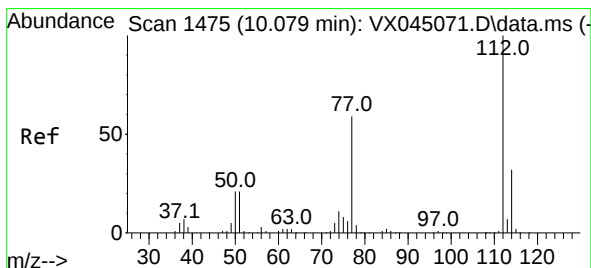
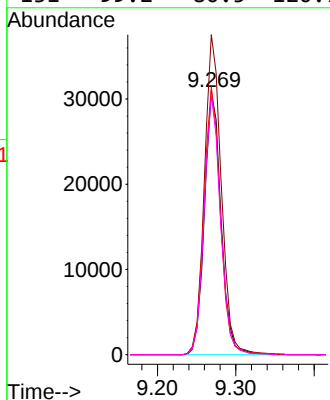
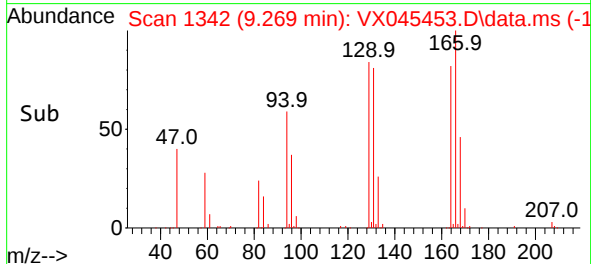
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS



Tgt Ion:164 Resp: 45250
Ion Ratio Lower Upper
164 100
166 121.9 103.6 155.4
129 102.1 82.7 124.1
131 99.2 80.5 120.7

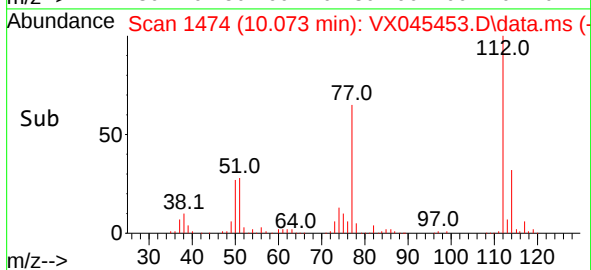
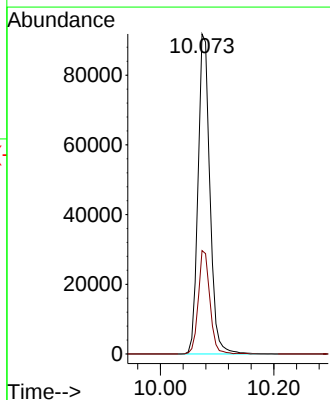
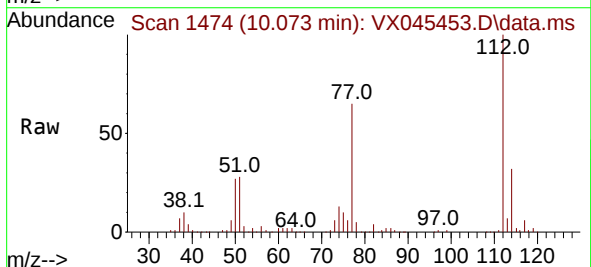
Manual Integrations
APPROVED

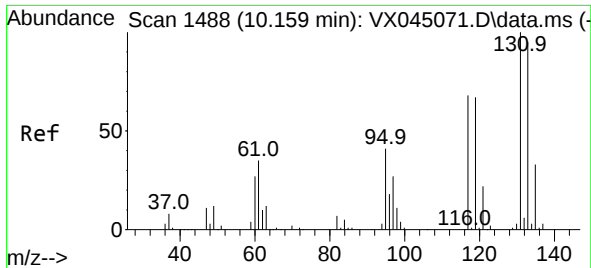
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#65
Chlorobenzene
Concen: 51.820 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

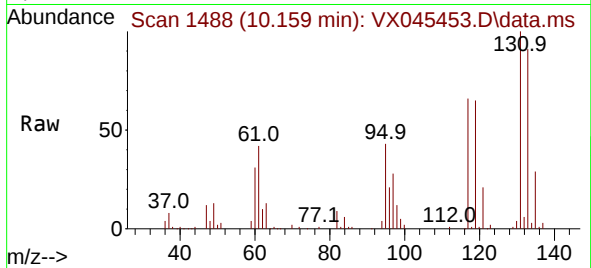
Tgt Ion:112 Resp: 133074
Ion Ratio Lower Upper
112 100
114 32.3 26.0 39.0





#66
1,1,1,2-Tetrachloroethane
Concen: 52.584 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

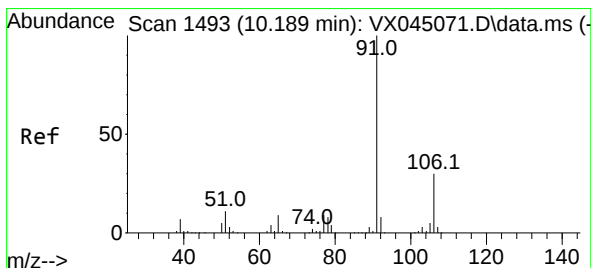
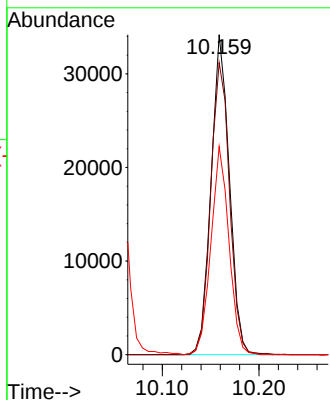
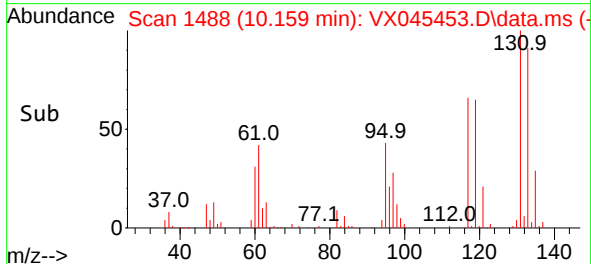
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS



Tgt Ion:131 Resp: 44970
Ion Ratio Lower Upper
131 100
133 94.3 48.6 145.9
119 64.1 33.9 101.7

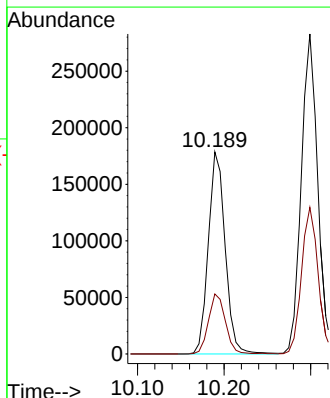
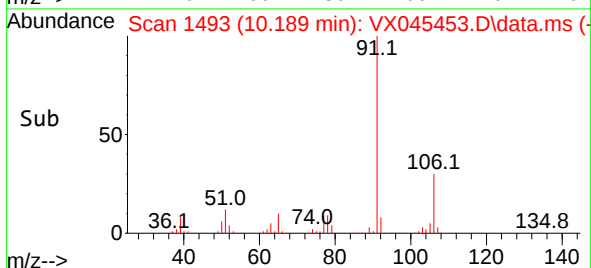
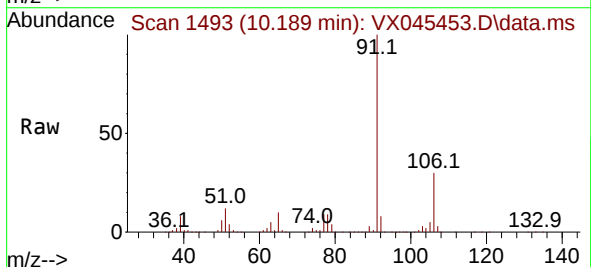
Manual Integrations
APPROVED

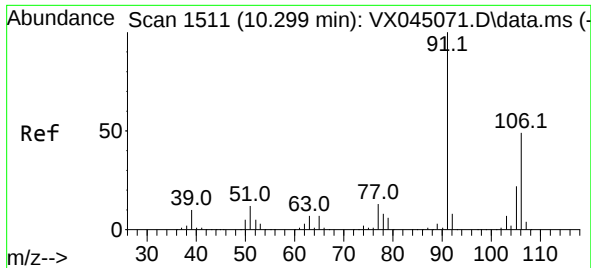
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#67
Ethyl Benzene
Concen: 53.955 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion: 91 Resp: 241425
Ion Ratio Lower Upper
91 100
106 29.7 23.9 35.9





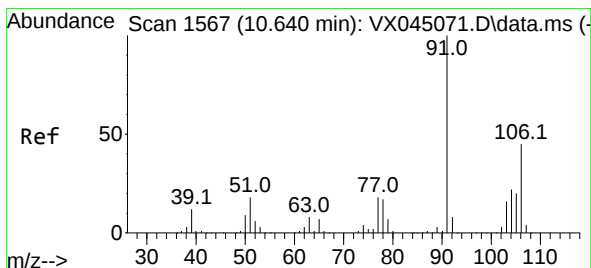
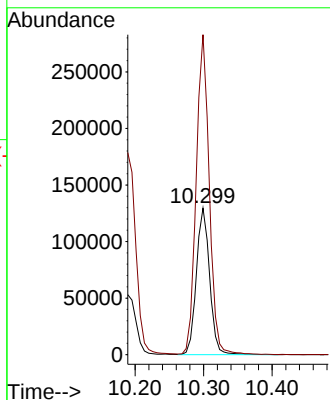
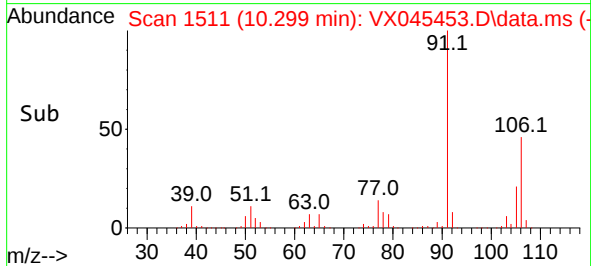
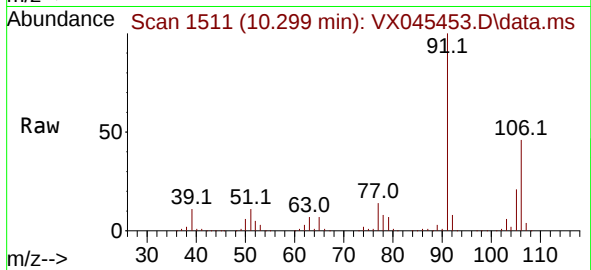
#68
m/p-Xylenes
Concen: 106.504 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS

Tgt Ion:106 Resp: 17445
Ion Ratio Lower Upper
106 100
91 215.7 165.4 248.0

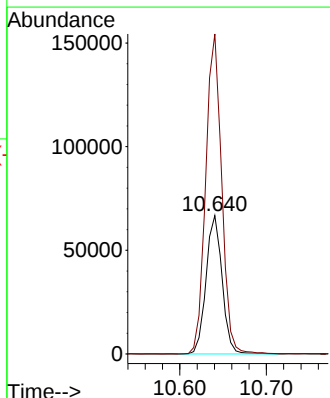
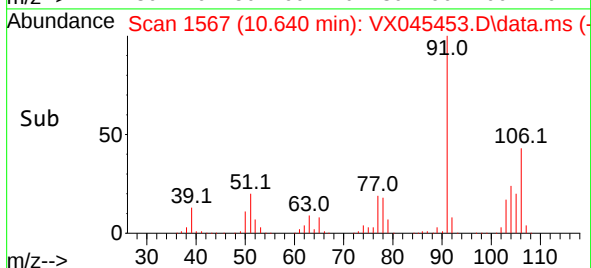
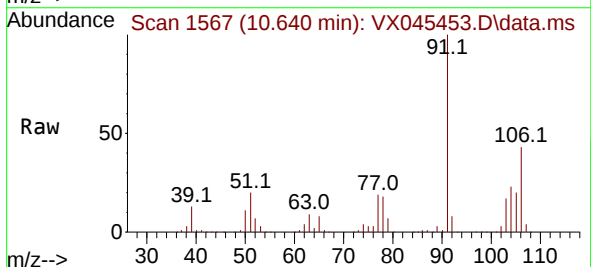
Manual Integrations
APPROVED

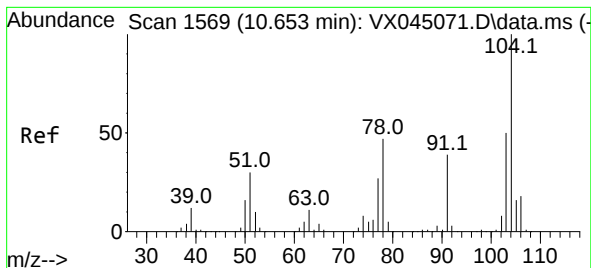
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#69
o-Xylene
Concen: 51.970 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion:106 Resp: 85858
Ion Ratio Lower Upper
106 100
91 230.7 109.9 329.6





#70

Styrene

Concen: 55.720 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX045453.D

Acq: 25 Mar 2025 20:14

Instrument :

MSVOA_X

ClientSampleId :

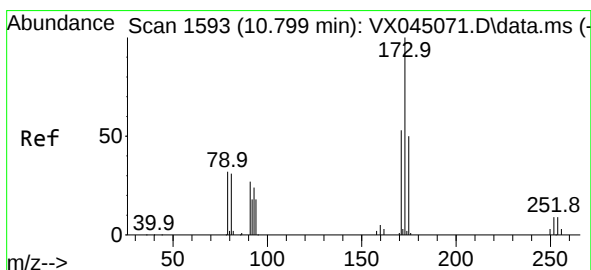
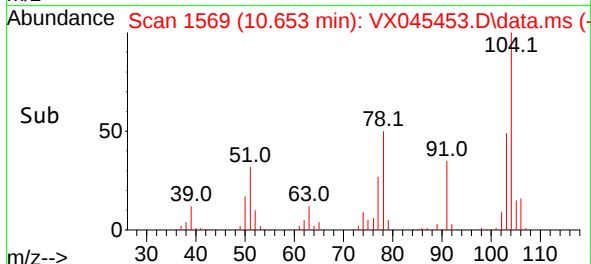
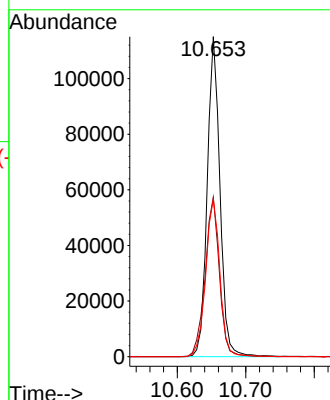
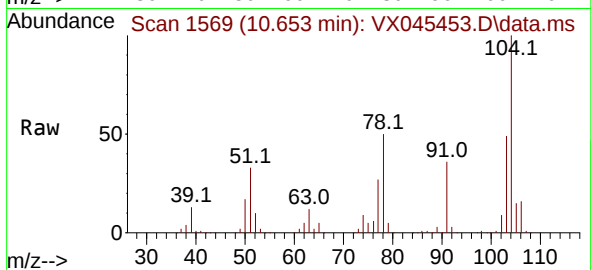
RE132D1-20250318MS

Tgt Ion:104 Resp: 148940
 Ion Ratio Lower Upper
 104 100
 78 56.1 42.2 63.4
 103 55.0 43.8 65.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025



#71

Bromoform

Concen: 54.659 ug/l

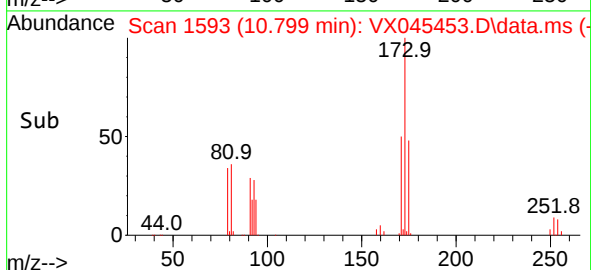
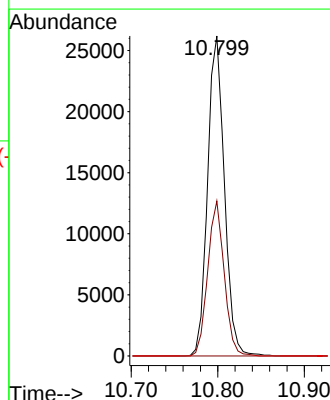
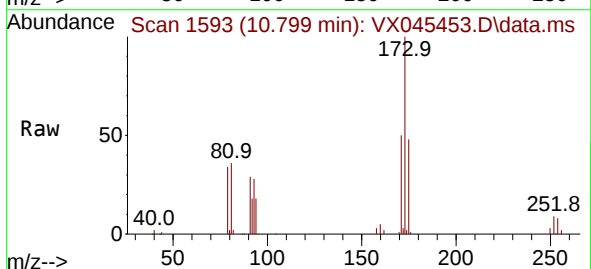
RT: 10.799 min Scan# 1593

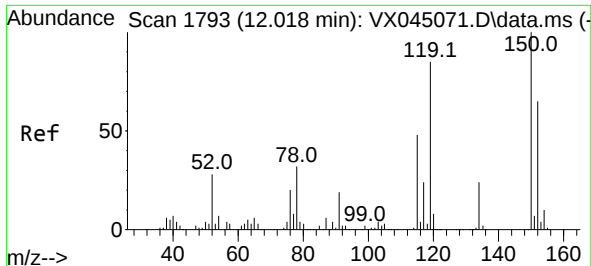
Delta R.T. 0.000 min

Lab File: VX045453.D

Acq: 25 Mar 2025 20:14

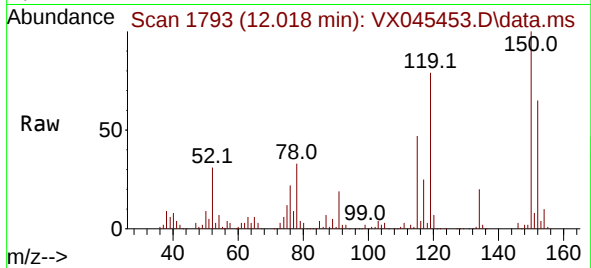
Tgt Ion:173 Resp: 35249
 Ion Ratio Lower Upper
 173 100
 175 47.5 24.6 73.6
 254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

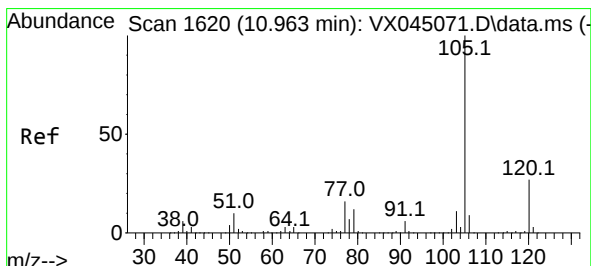
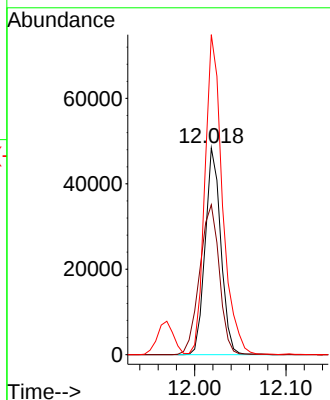
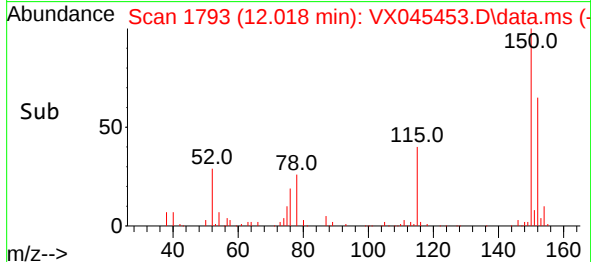
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS



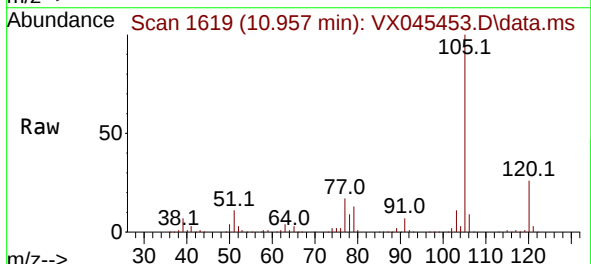
Tgt Ion:152 Resp: 57274
Ion Ratio Lower Upper
152 100
115 91.7 44.2 132.6
150 173.4 0.0 349.0

Manual Integrations
APPROVED

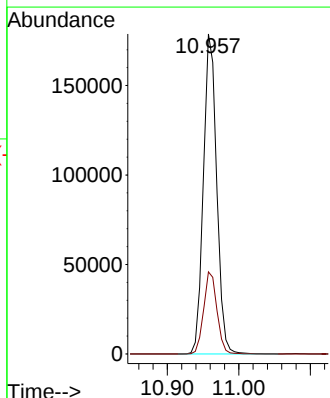
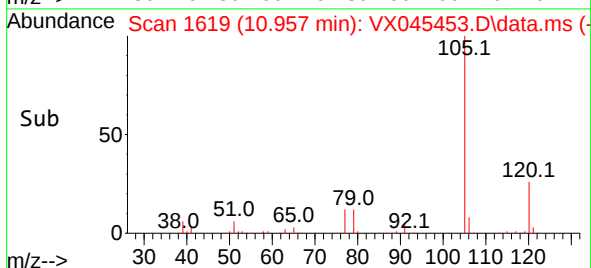
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

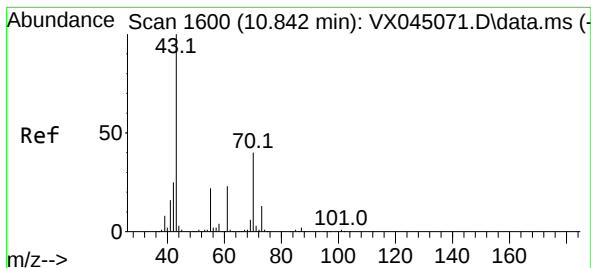


#73
Isopropylbenzene
Concen: 51.672 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14



Tgt Ion:105 Resp: 230995
Ion Ratio Lower Upper
105 100
120 25.7 13.2 39.5





#74

N-ethyl acetate

Concen: 51.944 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX045453.D

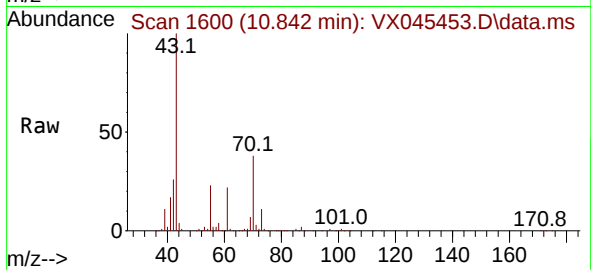
Acq: 25 Mar 2025 20:14

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20250318MS



Tgt Ion: 43 Resp: 10896

Ion Ratio Lower Upper

43 100

70 38.0 31.8 47.6

55 23.5 18.3 27.5

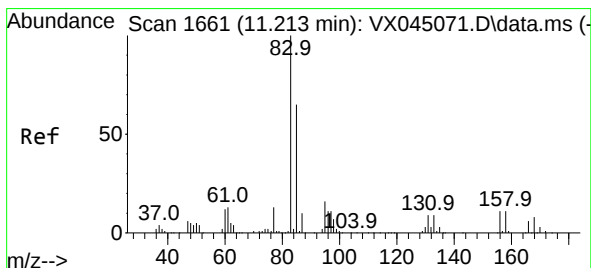
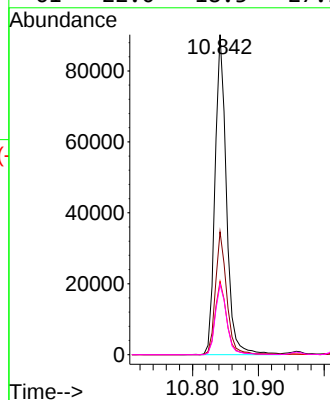
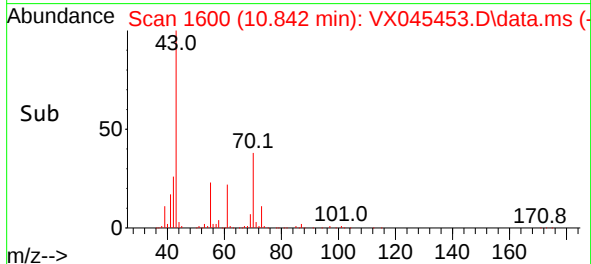
61 22.0 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#75

1,1,2,2-Tetrachloroethane

Concen: 50.387 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. -0.006 min

Lab File: VX045453.D

Acq: 25 Mar 2025 20:14

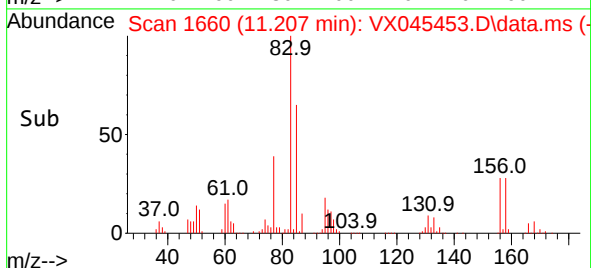
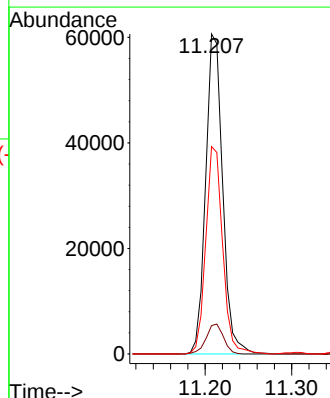
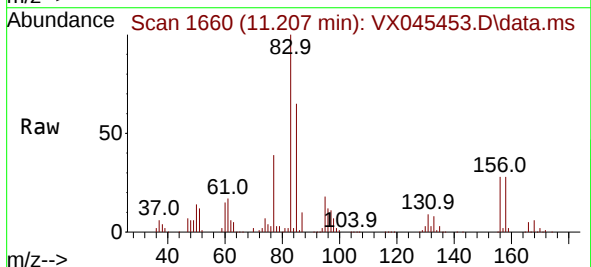
Tgt Ion: 83 Resp: 82659

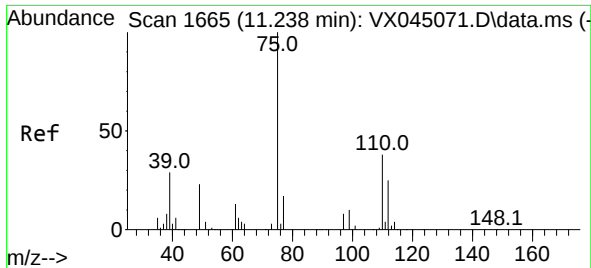
Ion Ratio Lower Upper

83 100

131 9.6 4.5 13.4

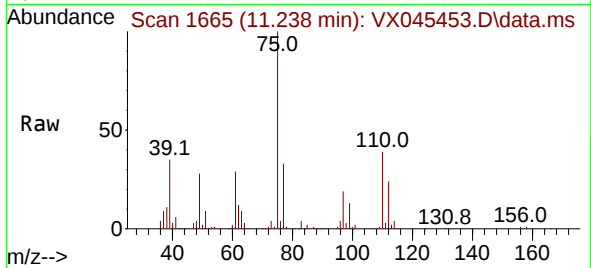
85 64.4 31.7 95.1





#76
1,2,3-Trichloropropane
Concen: 51.503 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

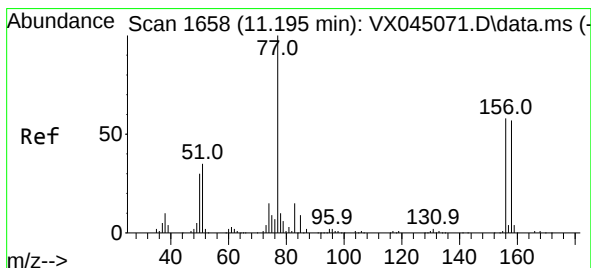
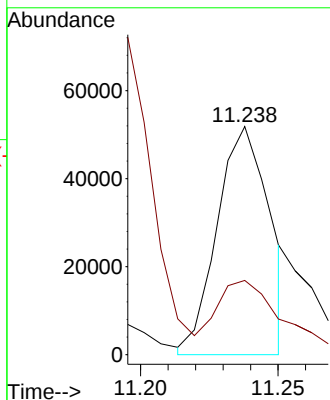
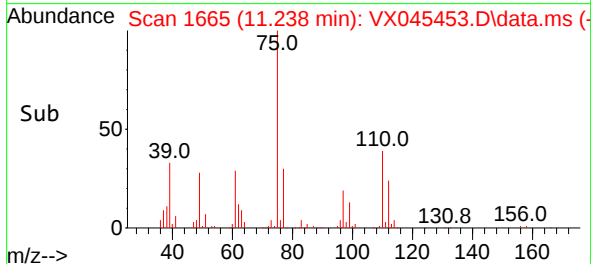
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS



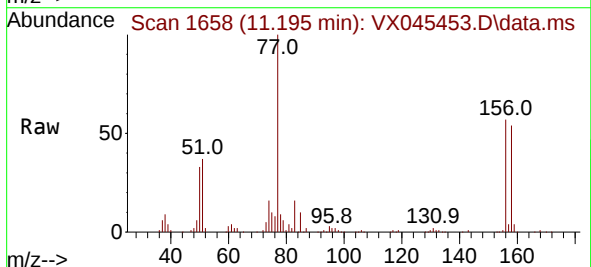
Tgt Ion: 75 Resp: 68650
Ion Ratio Lower Upper
75 100
77 41.5 20.7 62.1

Manual Integrations
APPROVED

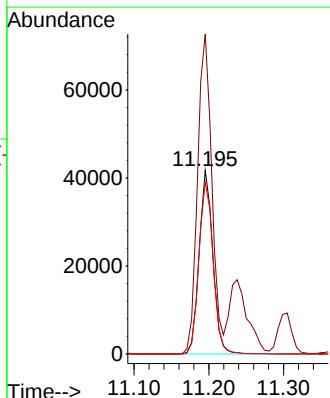
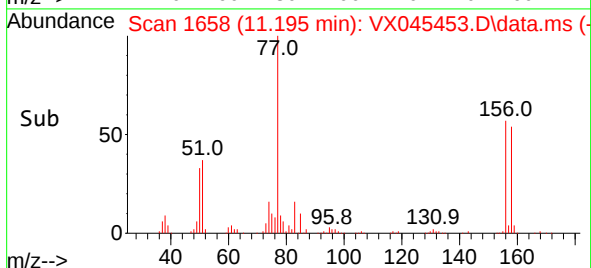
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

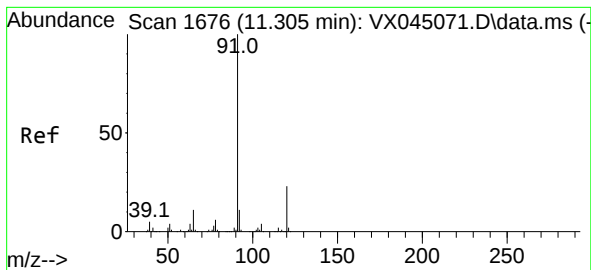


#77
Bromobenzene
Concen: 50.465 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14



Tgt Ion:156 Resp: 53228
Ion Ratio Lower Upper
156 100
77 181.3 85.8 257.4
158 97.1 48.4 145.2





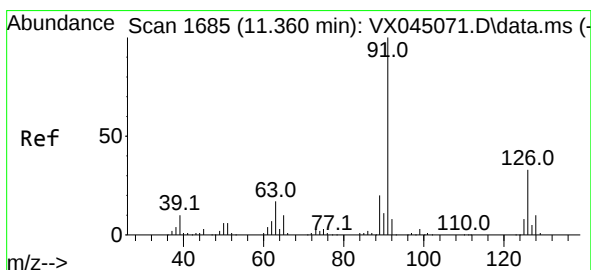
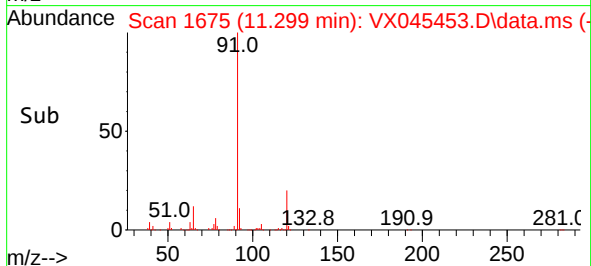
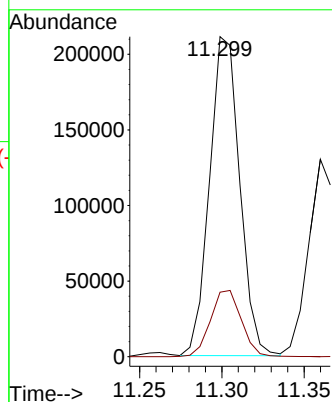
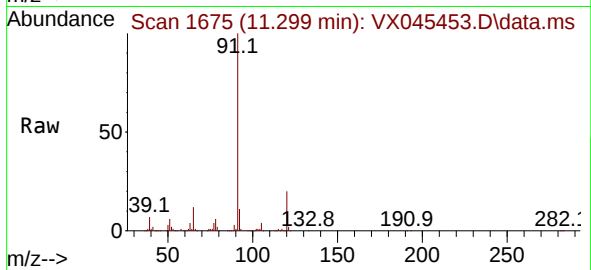
#78
n-propylbenzene
Concen: 53.289 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS

Tgt Ion: 91 Resp: 26910
Ion Ratio Lower Upper
91 100
120 21.3 11.2 33.6

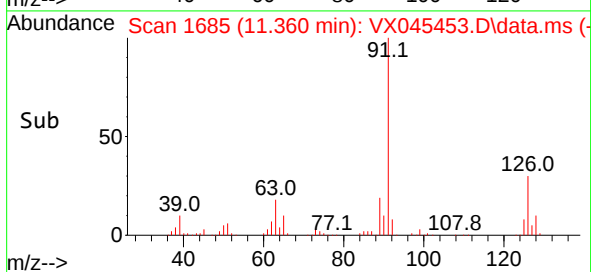
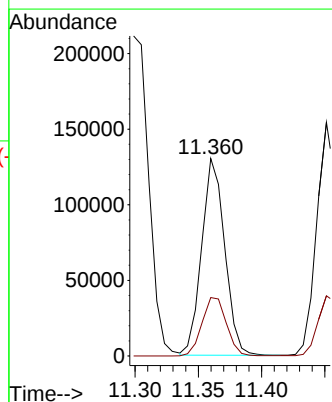
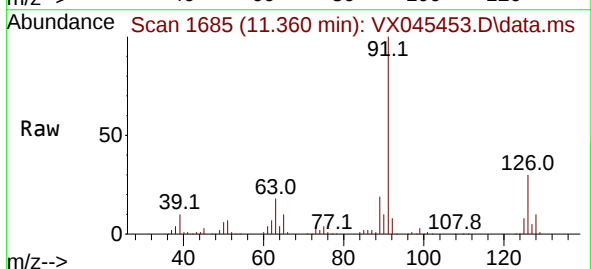
Manual Integrations
APPROVED

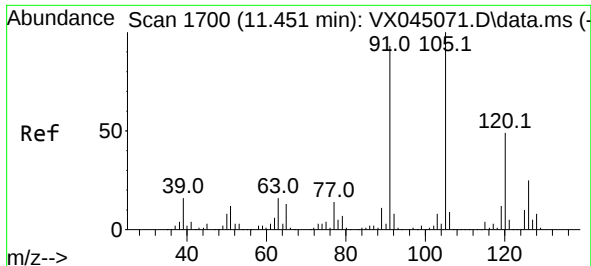
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#79
2-Chlorotoluene
Concen: 51.354 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

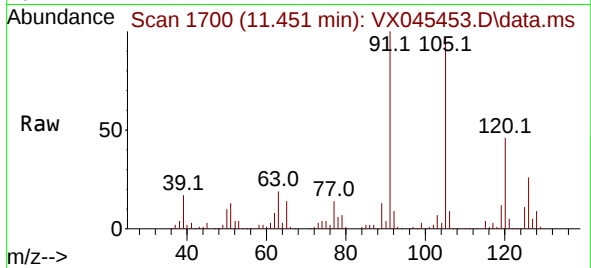
Tgt Ion: 91 Resp: 165161
Ion Ratio Lower Upper
91 100
126 31.7 16.4 49.4





#80
1,3,5-Trimethylbenzene
Concen: 52.558 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

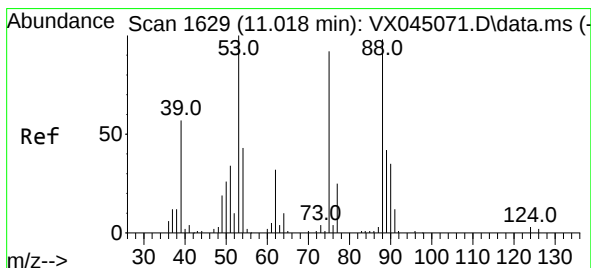
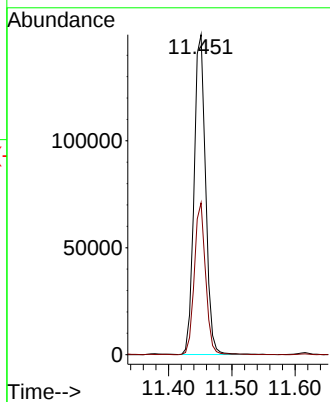
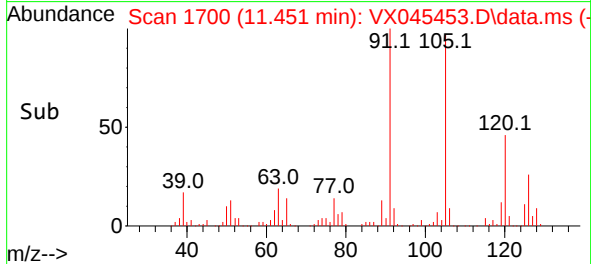
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS



Tgt Ion:105 Resp: 189979
Ion Ratio Lower Upper
105 100
120 46.4 24.1 72.2

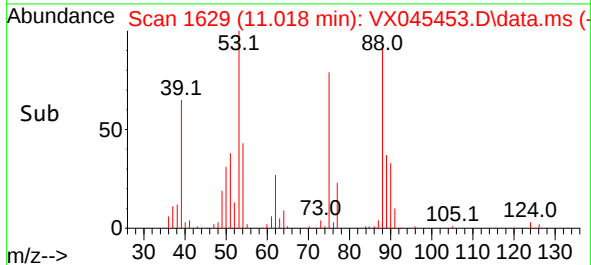
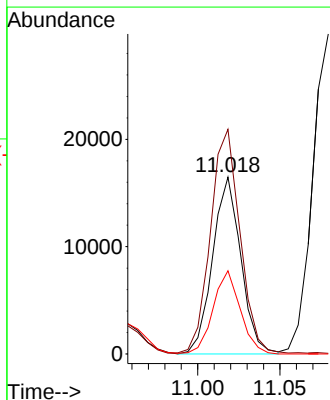
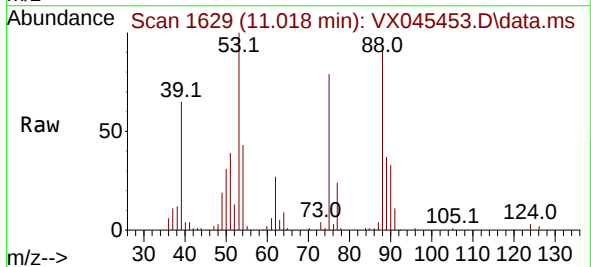
Manual Integrations
APPROVED

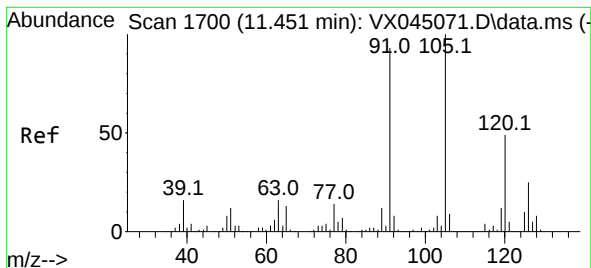
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#81
trans-1,4-Dichloro-2-butene
Concen: 50.596 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

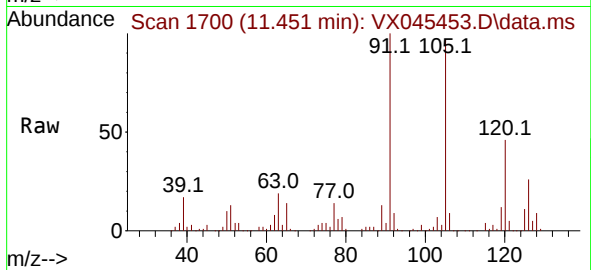
Tgt Ion: 75 Resp: 19709
Ion Ratio Lower Upper
75 100
53 132.3 88.5 132.7
89 45.3 36.2 54.4





#82
4-Chlorotoluene
Concen: 53.338 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

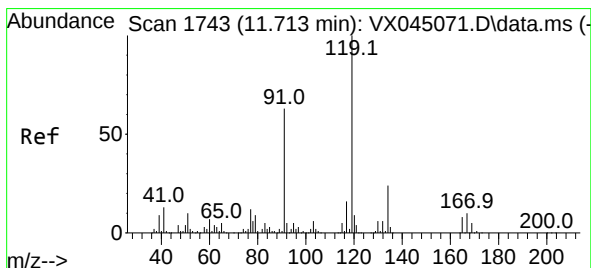
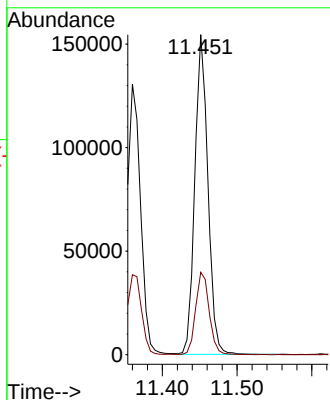
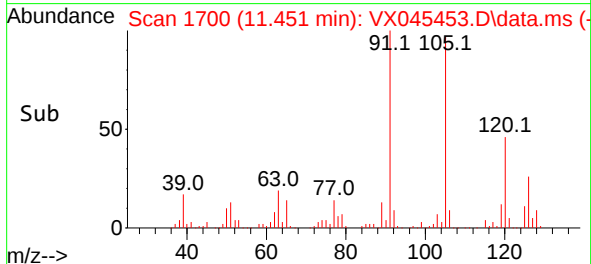
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS



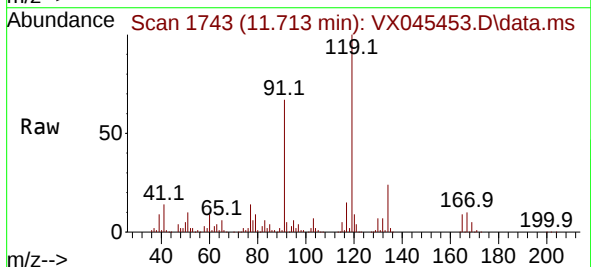
Tgt Ion: 91 Resp: 18695
Ion Ratio Lower Upper
91 100
126 26.9 14.1 42.4

Manual Integrations
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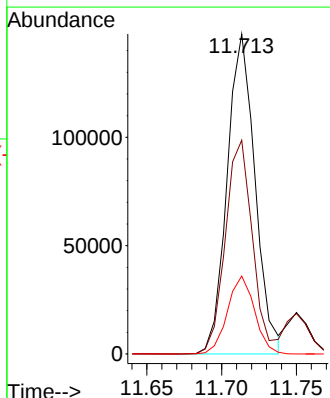
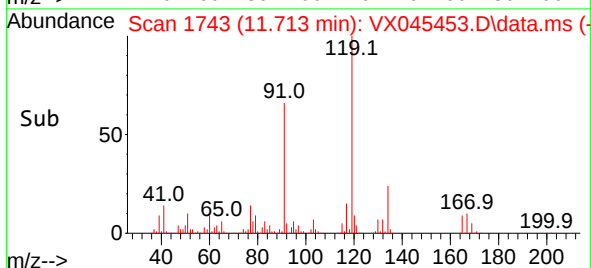
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

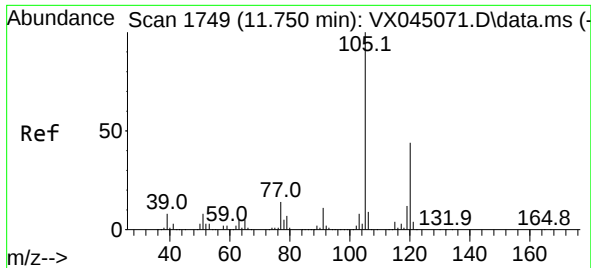


#83
tert-Butylbenzene
Concen: 51.625 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14



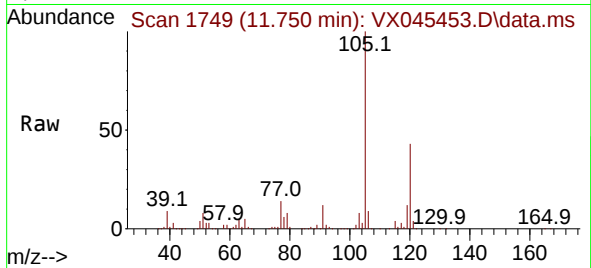
Tgt Ion:119 Resp: 191732
Ion Ratio Lower Upper
119 100
91 64.1 30.7 92.1
134 23.6 11.7 35.0





#84
1,2,4-Trimethylbenzene
Concen: 53.041 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

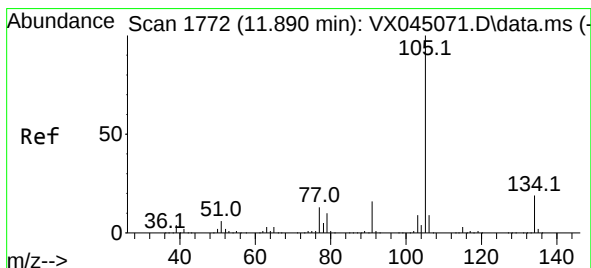
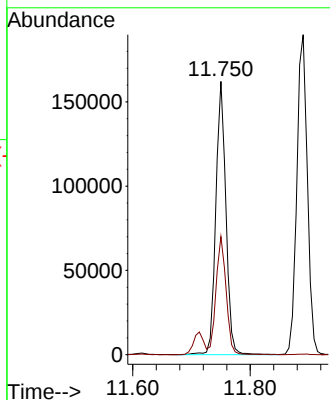
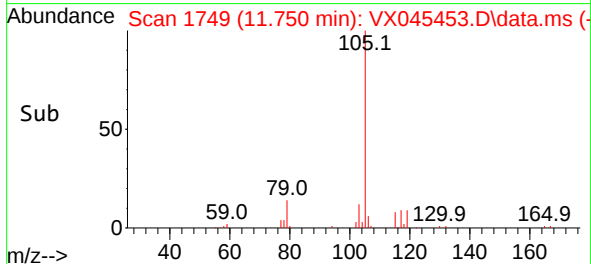
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS



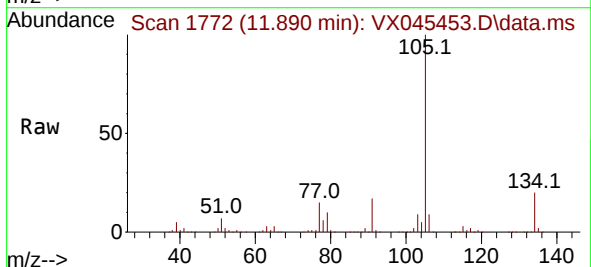
Tgt Ion:105 Resp: 192914
Ion Ratio Lower Upper
105 100
120 43.5 22.1 66.1

Manual Integrations
APPROVED

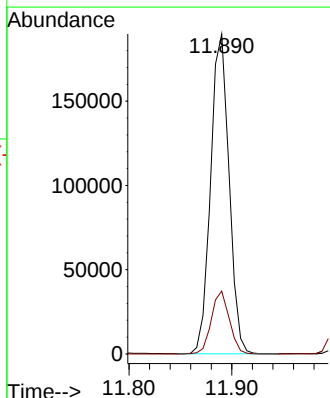
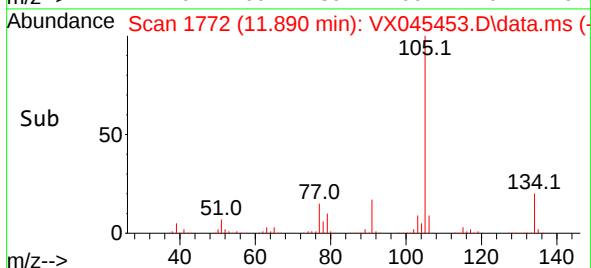
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

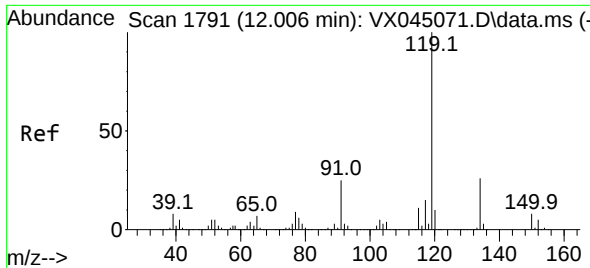


#85
sec-Butylbenzene
Concen: 53.049 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14



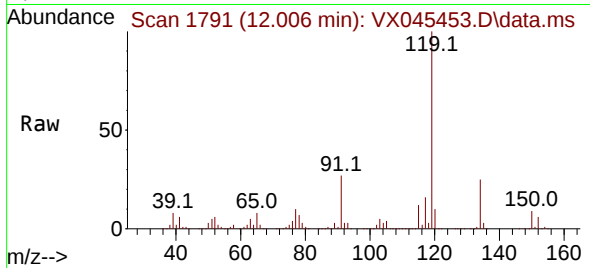
Tgt Ion:105 Resp: 236009
Ion Ratio Lower Upper
105 100
134 19.2 9.8 29.4





#86
p-Isopropyltoluene
Concen: 53.497 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

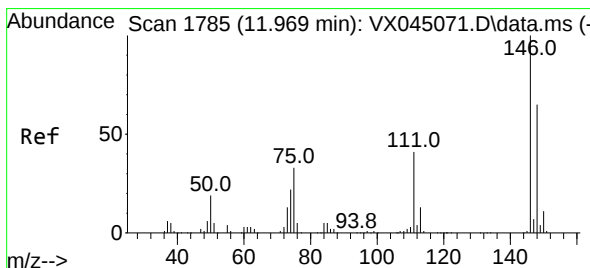
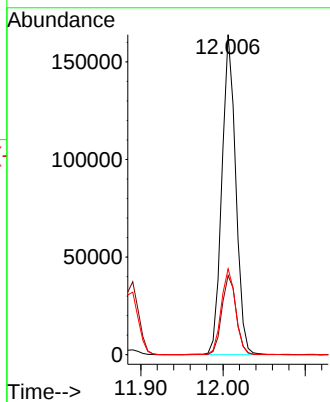
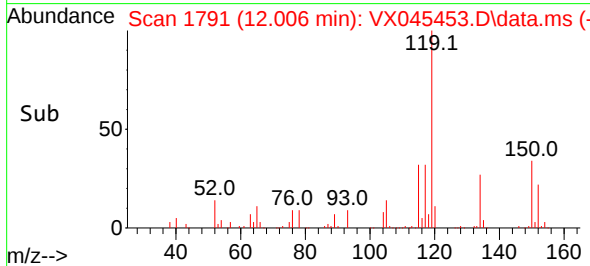
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS



Tgt Ion:119 Resp: 192339
Ion Ratio Lower Upper
119 100
134 25.6 12.9 38.6
91 27.6 12.7 38.0

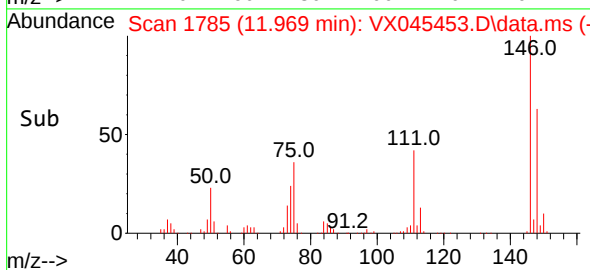
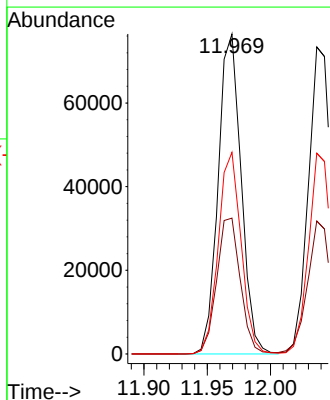
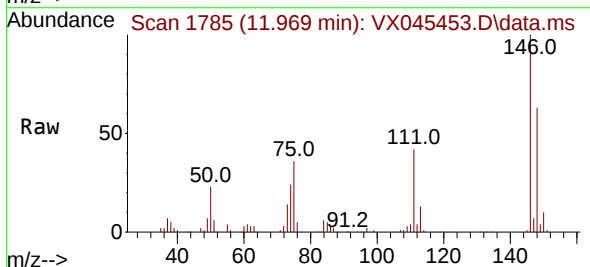
Manual Integrations
APPROVED

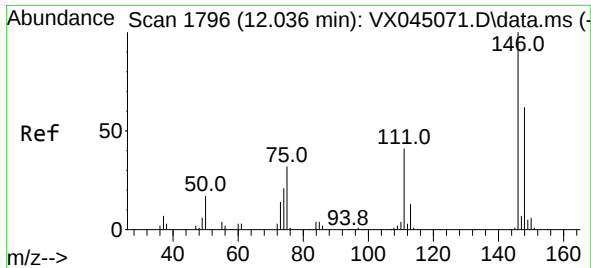
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#87
1,3-Dichlorobenzene
Concen: 51.283 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion:146 Resp: 96495
Ion Ratio Lower Upper
146 100
111 43.8 21.1 63.4
148 62.6 31.9 95.7





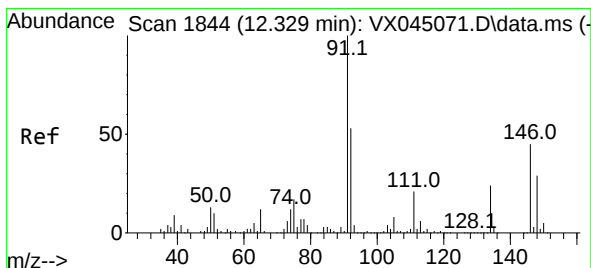
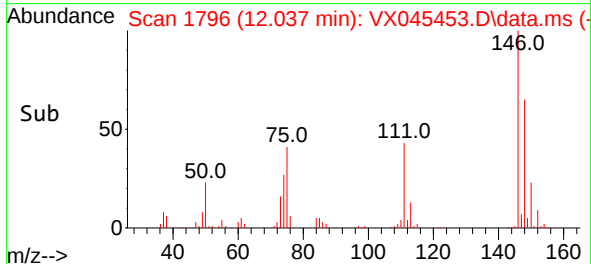
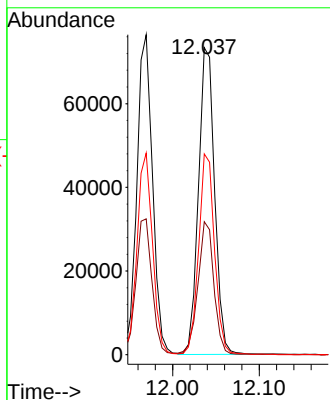
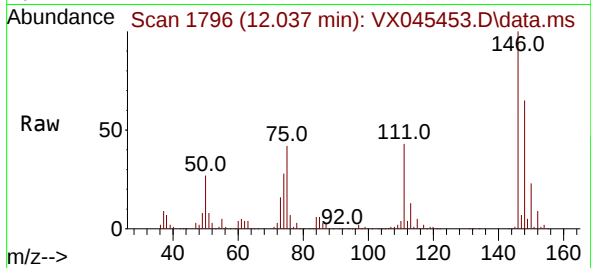
#88
1,4-Dichlorobenzene
Concen: 49.958 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS

Tgt Ion:146 Resp: 95102
Ion Ratio Lower Upper
146 100
111 42.9 20.2 60.5
148 64.1 31.9 95.9

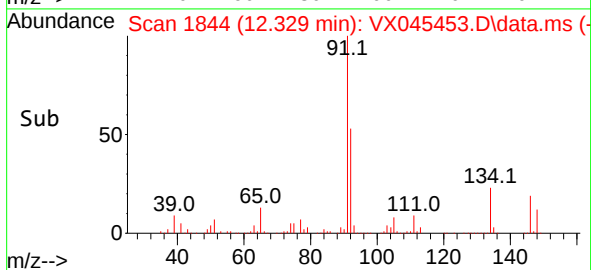
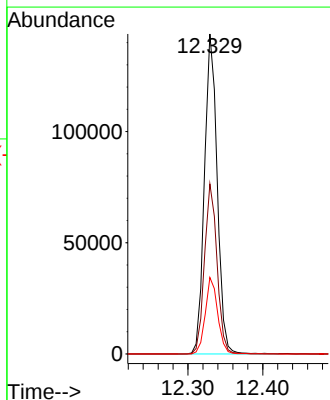
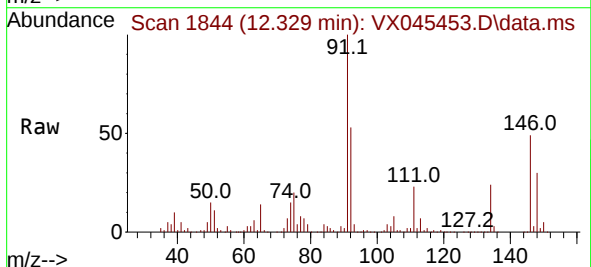
Manual Integrations
APPROVED

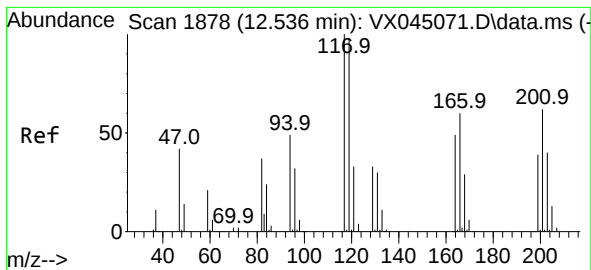
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#89
n-Butylbenzene
Concen: 54.978 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Tgt Ion: 91 Resp: 170243
Ion Ratio Lower Upper
91 100
92 52.5 26.7 80.0
134 23.3 12.2 36.6





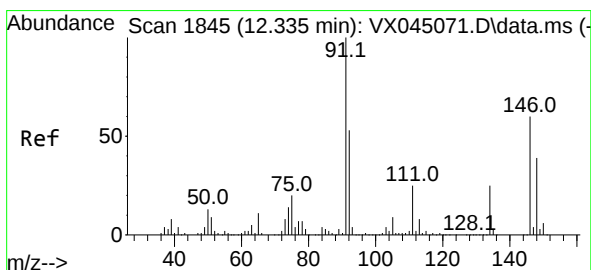
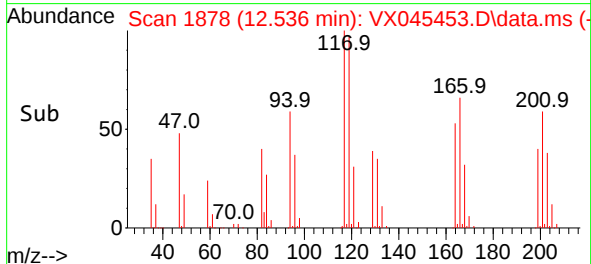
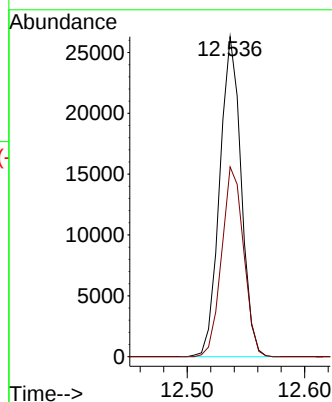
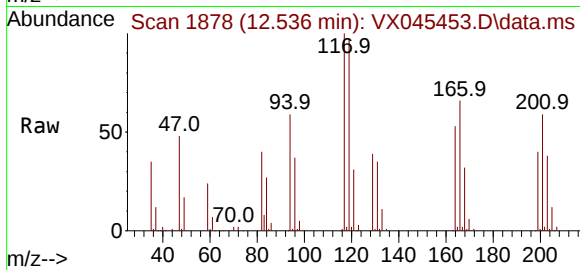
#90
Hexachloroethane
Concen: 51.222 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS

Tgt Ion:117 Resp: 33310
Ion Ratio Lower Upper
117 100
201 60.9 31.9 95.9

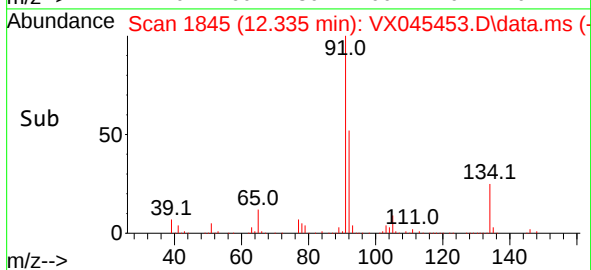
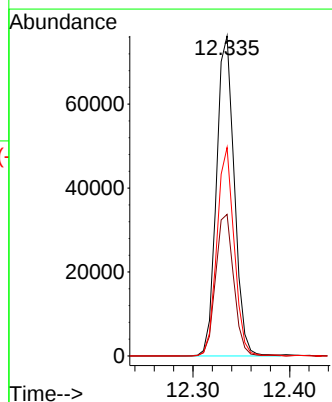
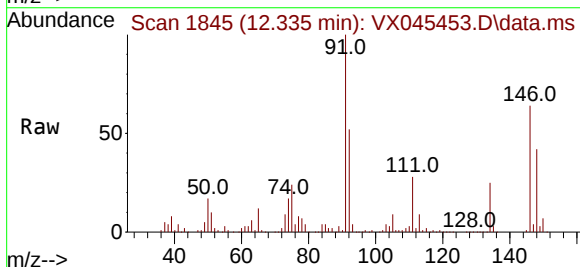
Manual Integrations
APPROVED

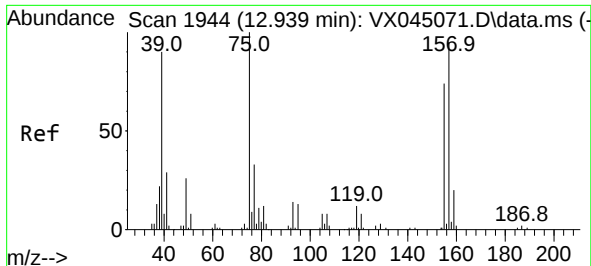
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#91
1,2-Dichlorobenzene
Concen: 51.597 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

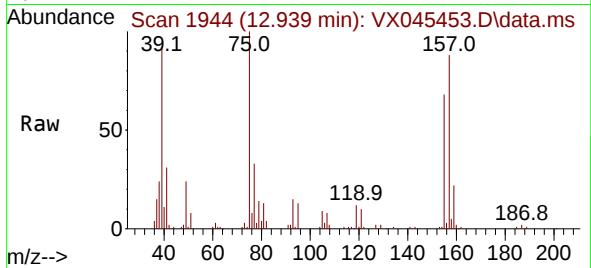
Tgt Ion:146 Resp: 97391
Ion Ratio Lower Upper
146 100
111 45.1 21.6 65.0
148 63.3 31.9 95.9





#92
1,2-Dibromo-3-Chloropropane
Concen: 56.052 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14

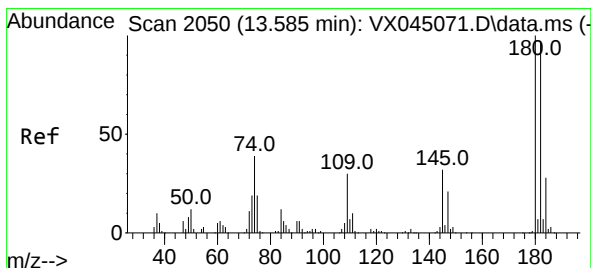
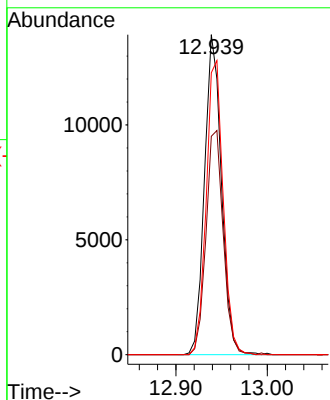
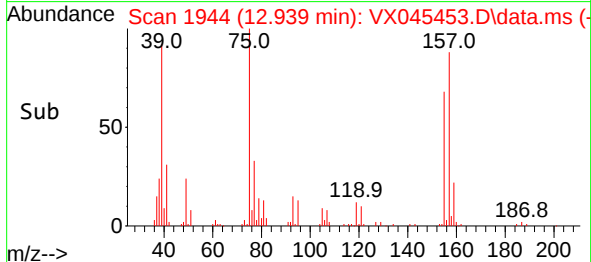
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318MS



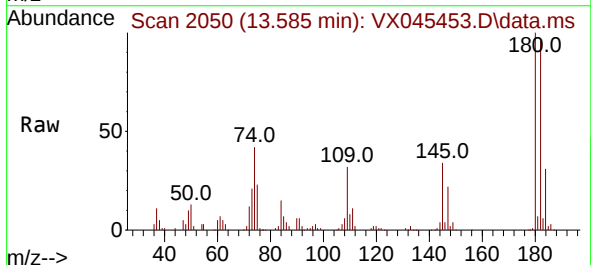
Tgt Ion: 75 Resp: 17914
Ion Ratio Lower Upper
75 100
155 71.1 39.6 118.7
157 91.6 51.1 153.4

Manual Integrations
APPROVED

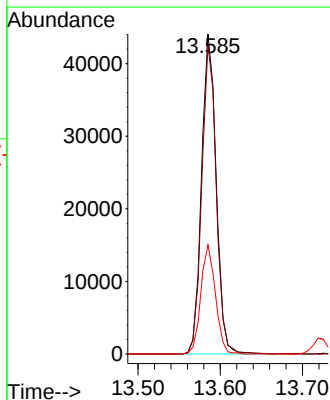
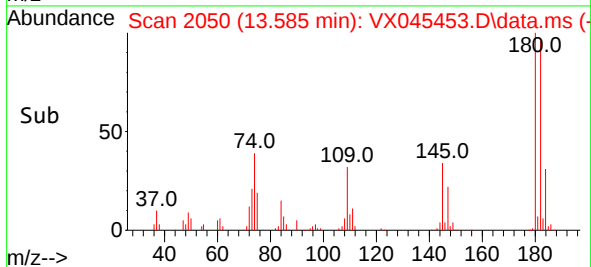
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

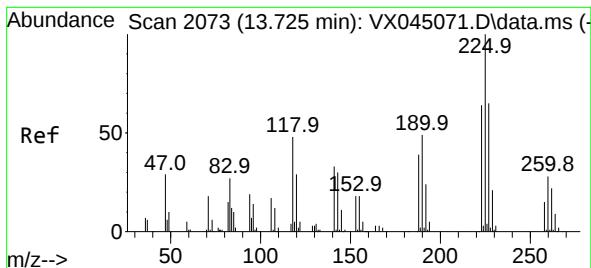


#93
1,2,4-Trichlorobenzene
Concen: 50.871 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045453.D
Acq: 25 Mar 2025 20:14



Tgt Ion:180 Resp: 54675
Ion Ratio Lower Upper
180 100
182 95.3 47.3 141.9
145 33.9 16.3 48.9





#94

Hexachlorobutadiene

Concen: 49.996 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX045453.D

Acq: 25 Mar 2025 20:14

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20250318MS

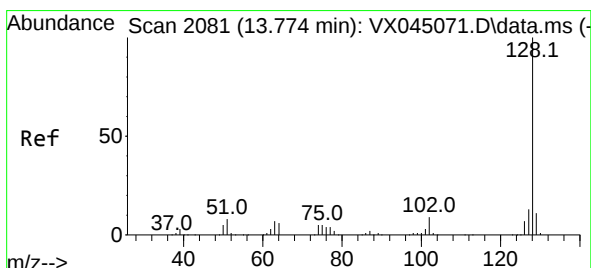
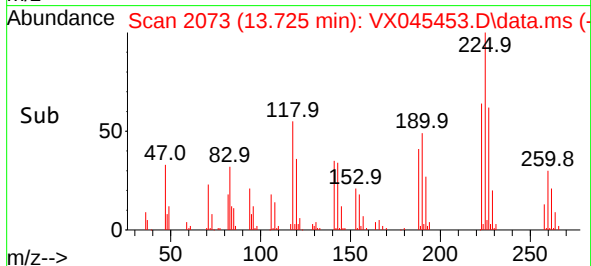
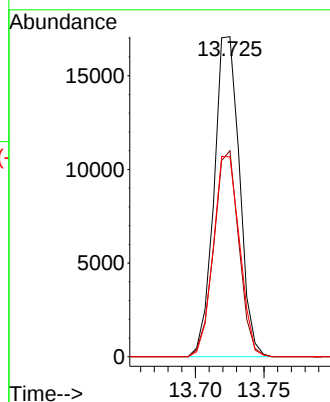
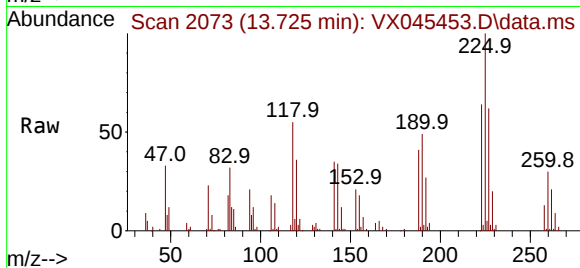
Tgt Ion:	225	Resp:	22030
Ion Ratio	Lower	Upper	
225	100		
223	63.5	31.9	95.7
227	64.6	31.4	94.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#95

Naphthalene

Concen: 50.889 ug/l

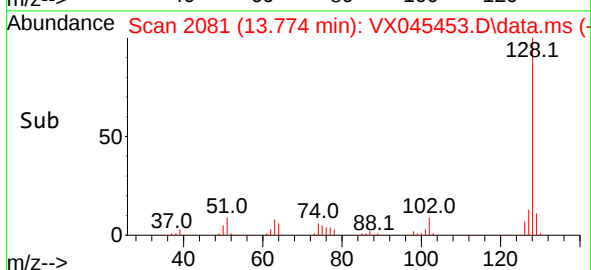
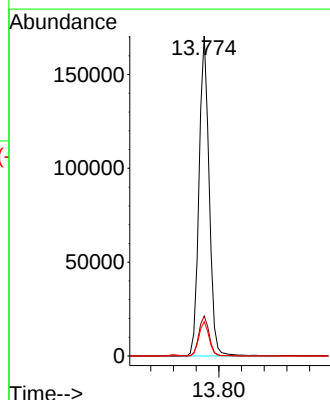
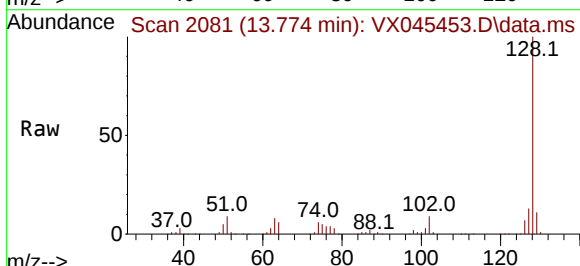
RT: 13.774 min Scan# 2081

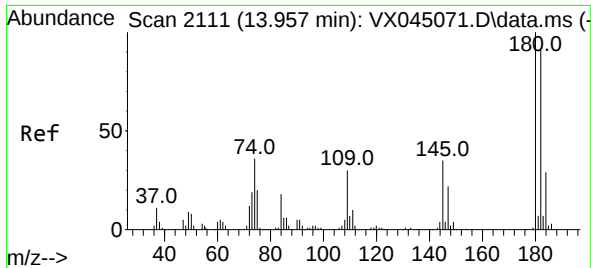
Delta R.T. 0.000 min

Lab File: VX045453.D

Acq: 25 Mar 2025 20:14

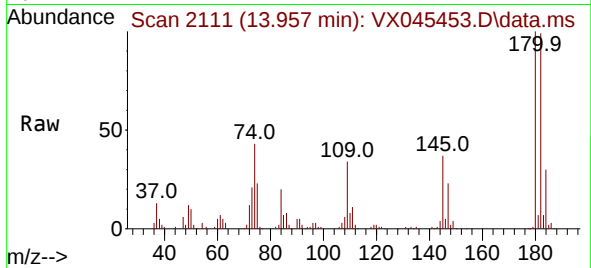
Tgt Ion:	128	Resp:	210140
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.3	15.5
129	10.8	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 49.825 ug/l
 RT: 13.957 min Scan# 2111
 Delta R.T. 0.000 min
 Lab File: VX045453.D
 Acq: 25 Mar 2025 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20250318MS



Tgt Ion:180 Resp: 56493
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.5 142.6
 145 35.5 17.0 50.9

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025

