

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022725\
 Data File : VX045060.D
 Acq On : 27 Feb 2025 13:47
 Operator : JC/MD
 Sample : VX0227WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2025
 Supervised By : Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 00:41:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	101478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	184943	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	164487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79831	53.742	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.480%			
35) Dibromofluoromethane	5.385	113	62927	52.333	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.660%			
50) Toluene-d8	8.647	98	223461	49.146	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.300%			
62) 4-Bromofluorobenzene	11.079	95	78932	51.493	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	24563	17.258	ug/l	99
3) Chloromethane	1.313	50	28118	16.232	ug/l	96
4) Vinyl Chloride	1.374	62	28993	17.277	ug/l	100
5) Bromomethane	1.593	94	11087	22.078	ug/l	96
6) Chloroethane	1.666	64	15019	21.216	ug/l	99
7) Trichlorofluoromethane	1.874	101	41586	19.595	ug/l	95
8) Diethyl Ether	2.130	74	15044	19.546	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.319	101	23631	18.429	ug/l	99
10) Methyl Iodide	2.441	142	26279	15.813	ug/l	97
11) Tert butyl alcohol	2.977	59	34458	125.040	ug/l	100
12) 1,1-Dichloroethene	2.306	96	23341	17.845	ug/l	92
13) Acrolein	2.239	56	22125	77.816	ug/l	98
14) Allyl chloride	2.654	41	45021	19.046	ug/l	96
15) Acrylonitrile	3.062	53	86394	117.418	ug/l	98
16) Acetone	2.386	43	75675	126.724	ug/l	98
17) Carbon Disulfide	2.502	76	53300	14.860	ug/l	99
18) Methyl Acetate	2.703	43	50946	27.035	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	82874	19.914	ug/l	98
20) Methylene Chloride	2.782	84	28407	19.421	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	23541	18.287	ug/l	92
22) Diisopropyl ether	3.764	45	91650	20.494	ug/l	98
23) Vinyl Acetate	3.721	43	365358	100.211	ug/l	98
24) 1,1-Dichloroethane	3.605	63	49555	19.804	ug/l	98
25) 2-Butanone	4.562	43	125276	129.192	ug/l	97
26) 2,2-Dichloropropane	4.471	77	31342	15.794	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	29933	19.358	ug/l	99
28) Bromochloromethane	4.897	49	24292	20.200	ug/l	98
29) Tetrahydrofuran	5.007	42	79170	122.955	ug/l	98
30) Chloroform	5.093	83	50501	20.810	ug/l	89
31) Cyclohexane	5.458	56	39520	17.131	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	41085	19.960	ug/l	98
36) 1,1-Dichloropropene	5.684	75	32259	18.595	ug/l	99
37) Ethyl Acetate	4.721	43	43555	22.572	ug/l	99
38) Carbon Tetrachloride	5.672	117	33282	19.578	ug/l	98
39) Methylcyclohexane	7.379	83	38825	17.311	ug/l	95
40) Benzene	6.037	78	104891	19.363	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	24632	23.849	ug/l	98
42) 1,2-Dichloroethane	6.086	62	38142	22.093	ug/l	99
43) Isopropyl Acetate	6.342	43	67707	21.729	ug/l	98
44) Trichloroethene	7.123	130	23767	19.195	ug/l	98
45) 1,2-Dichloropropane	7.427	63	27818	20.641	ug/l	99
46) Dibromomethane	7.580	93	19535	20.902	ug/l	99
47) Bromodichloromethane	7.818	83	38761	21.419	ug/l	99
48) Methyl methacrylate	7.696	41	33507	22.806	ug/l	97
49) 1,4-Dioxane	7.665	88	16097	510.659	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	240789	127.110	ug/l	97
52) Toluene	8.714	92	63271	19.612	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	33154	18.104	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	38853	19.028	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	26235	21.154	ug/l	97
56) Ethyl methacrylate	9.116	69	40767	20.353	ug/l	94
57) 1,3-Dichloropropane	9.305	76	45938	21.170	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	106713	108.504	ug/l	100
59) 2-Hexanone	9.427	43	177265	129.875	ug/l	96
60) Dibromochloromethane	9.519	129	28125	21.205	ug/l	98
61) 1,2-Dibromoethane	9.604	107	26326	20.944	ug/l	98
64) Tetrachloroethene	9.269	164	19648	18.941	ug/l	97
65) Chlorobenzene	10.079	112	69727	19.736	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	22995	20.222	ug/l	99
67) Ethyl Benzene	10.189	91	120675	19.356	ug/l	98
68) m/p-Xylenes	10.299	106	90223	39.231	ug/l	99
69) o-Xylene	10.640	106	44315	19.203	ug/l	96
70) Styrene	10.653	104	75497	20.306	ug/l	98
71) Bromoform	10.799	173	18387	21.666	ug/l #	98
73) Isopropylbenzene	10.963	105	115907	19.009	ug/l	100
74) N-amyl acetate	10.842	43	55729	20.198	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	42689	20.374	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	34207m	20.374	ug/l	
77) Bromobenzene	11.195	156	26774	19.368	ug/l	98
78) n-propylbenzene	11.305	91	132884	18.881	ug/l	100
79) 2-Chlorotoluene	11.360	91	81680	18.884	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	97507	19.706	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10168	15.579	ug/l #	85
82) 4-Chlorotoluene	11.451	91	92083	19.243	ug/l	99
83) tert-Butylbenzene	11.713	119	98127	19.603	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	97685	20.002	ug/l	99
85) sec-Butylbenzene	11.890	105	119401	19.263	ug/l	99
86) p-Isopropyltoluene	12.006	119	97146	19.489	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	49212	19.359	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	47821	18.605	ug/l	98
89) n-Butylbenzene	12.329	91	82314	18.666	ug/l	99
90) Hexachloroethane	12.536	117	16754	17.951	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	49979	20.004	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7993	20.902	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	27431	18.145	ug/l	98
94) Hexachlorobutadiene	13.725	225	11332	18.882	ug/l	97
95) Naphthalene	13.774	128	105565	19.317	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	29008	19.042	ug/l	98

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Response via : Initial Calibration

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

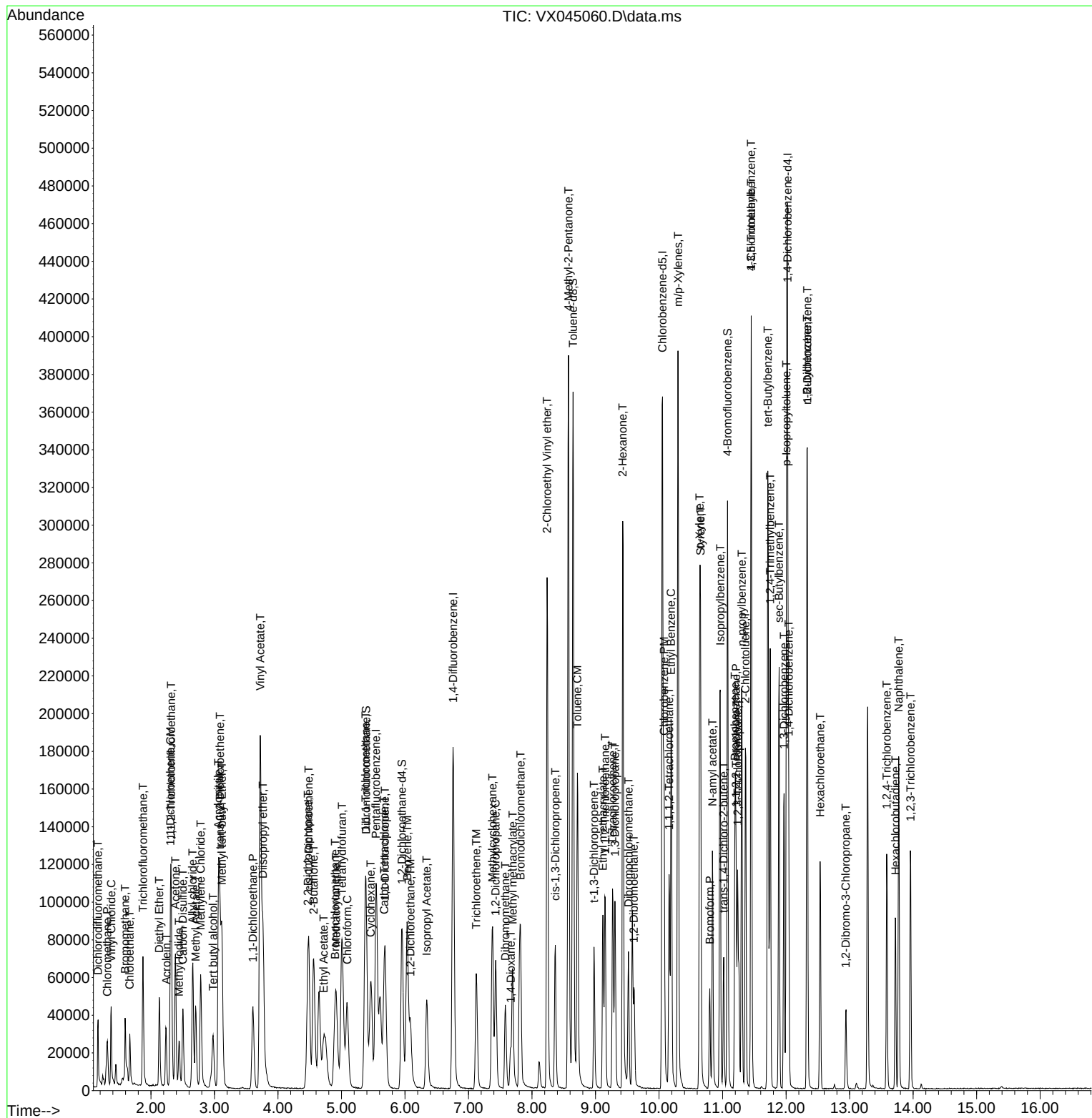
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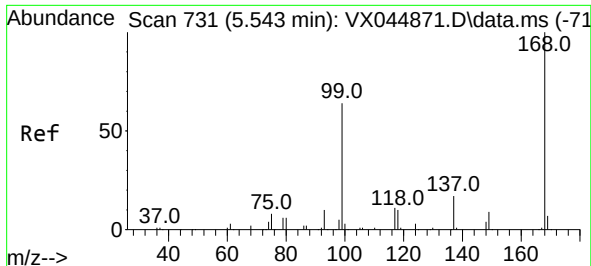
Instrument :
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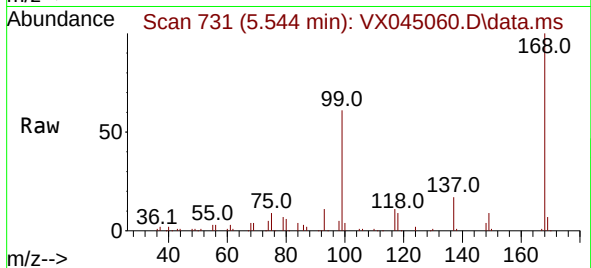
Reviewed By : John Carlone 02/28/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.001 min
Lab File: VX045060.D
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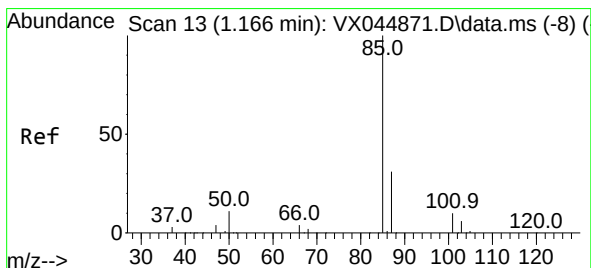
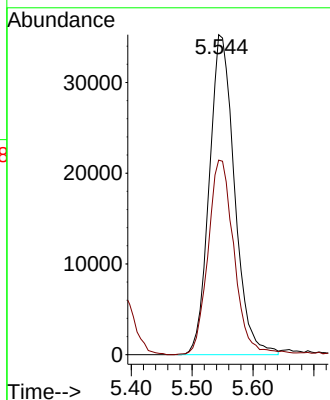
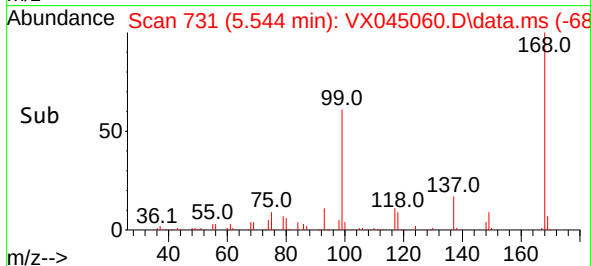
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



Tgt Ion:168 Resp: 101478
Ion Ratio Lower Upper
168 100
99 60.6 51.2 76.8

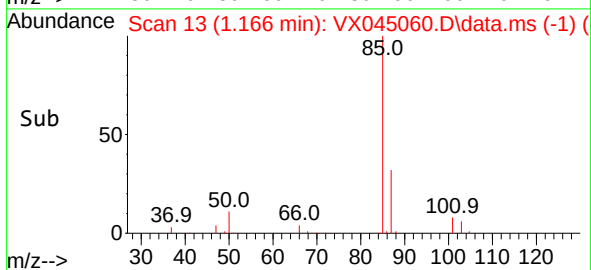
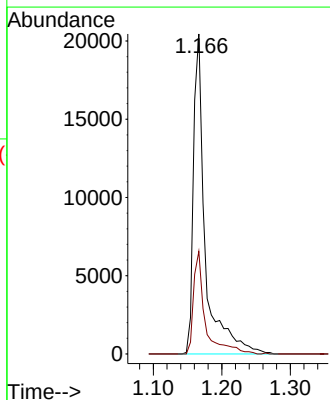
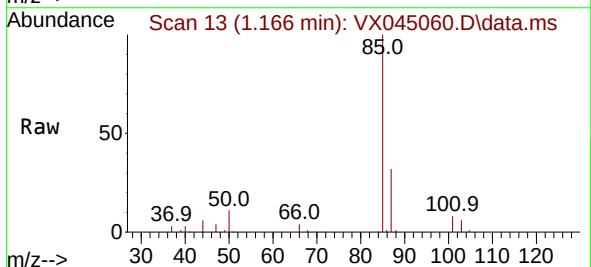
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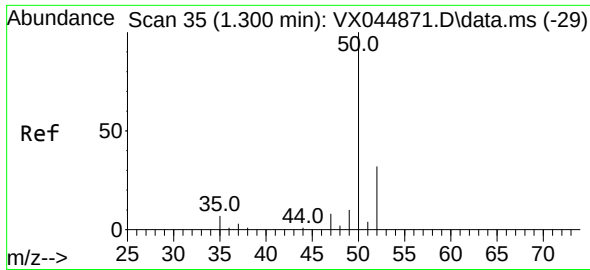
Reviewed By :John Carlone 02/28/2025
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#2
Dichlorodifluoromethane
Concen: 17.258 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

Tgt Ion: 85 Resp: 24563
Ion Ratio Lower Upper
85 100
87 32.0 15.8 47.3





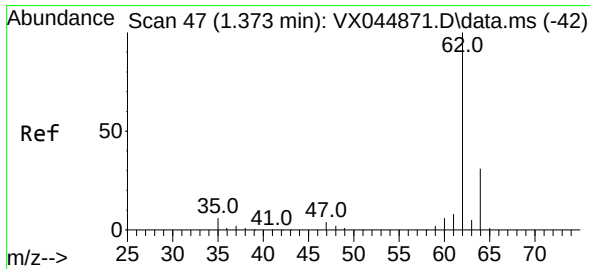
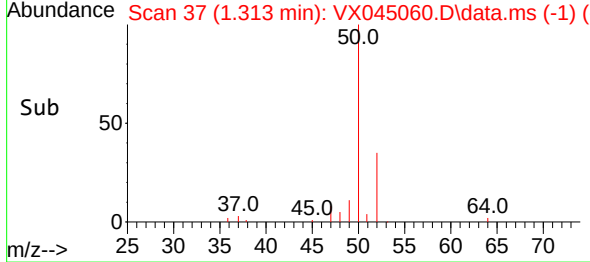
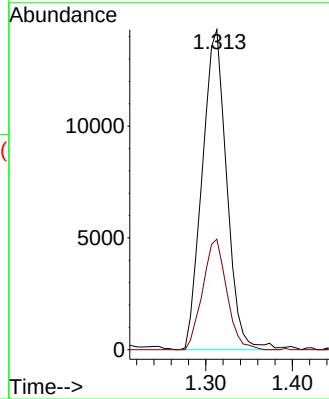
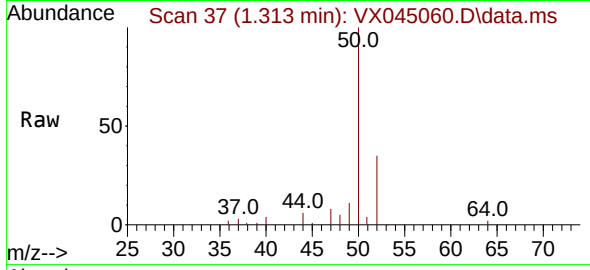
#3
Chloromethane
Concen: 16.232 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.013 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 28118
Ion Ratio Lower Upper
50 100
52 34.5 25.9 38.9

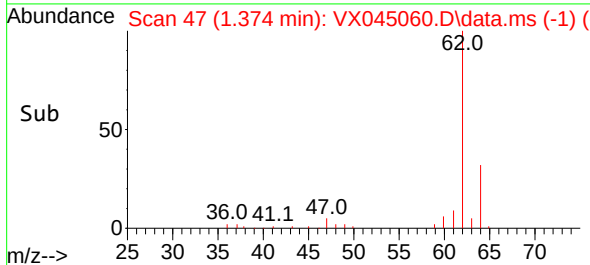
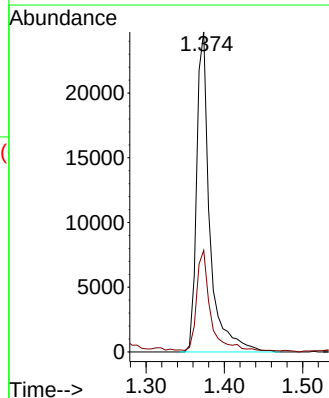
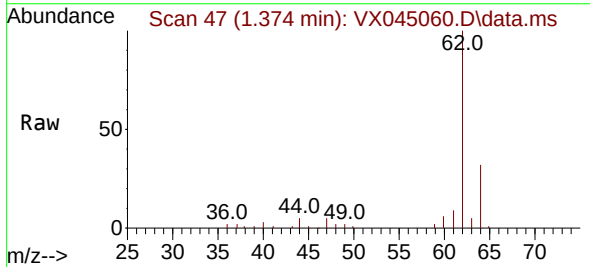
Manual Integrations
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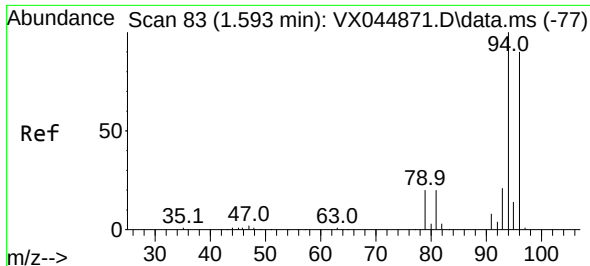
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#4
Vinyl Chloride
Concen: 17.277 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

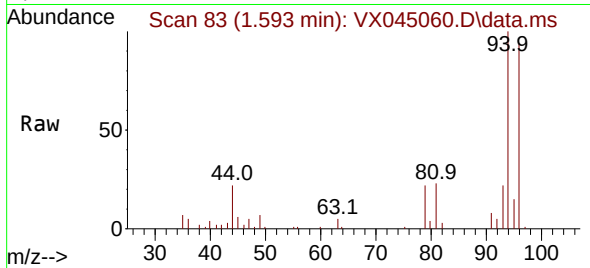
Tgt Ion: 62 Resp: 28993
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0





#5
Bromomethane
Concen: 22.078 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

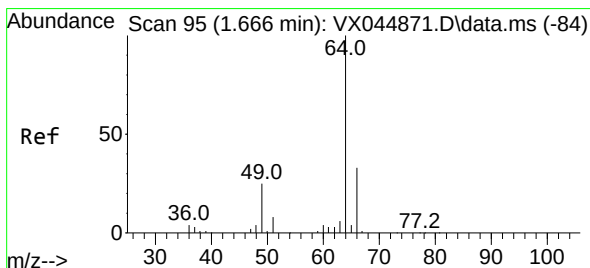
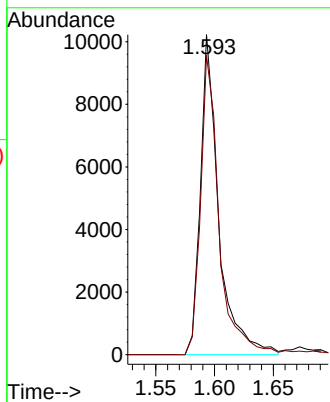
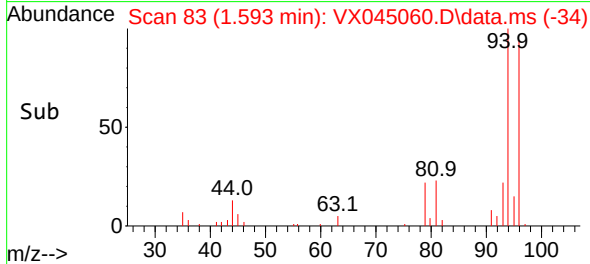
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Tgt Ion: 94 Resp: 1108
Ion Ratio Lower Upper
94 100
96 93.5 71.6 107.4

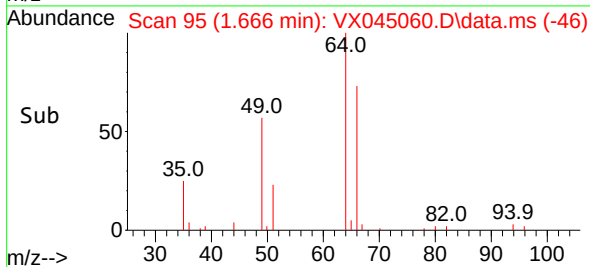
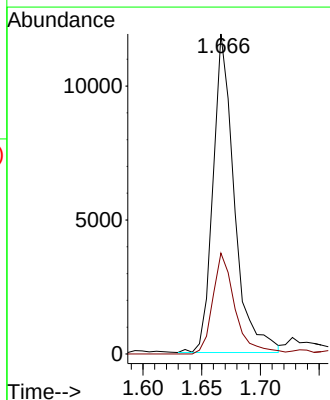
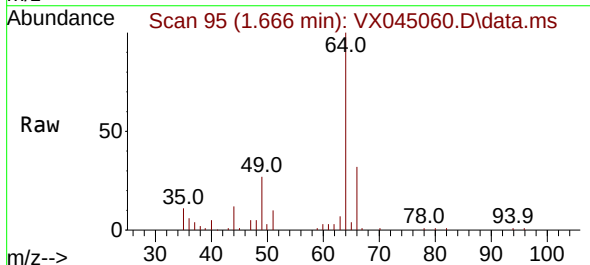
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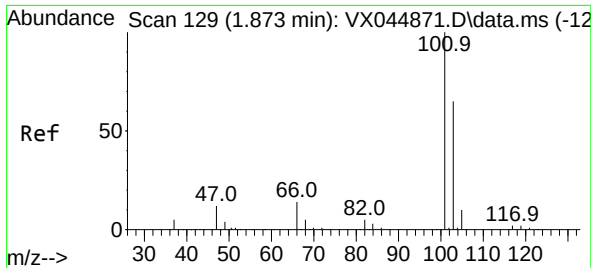
Reviewed By :John Carlone 02/28/2025
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#6
Chloroethane
Concen: 21.216 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX045060.D
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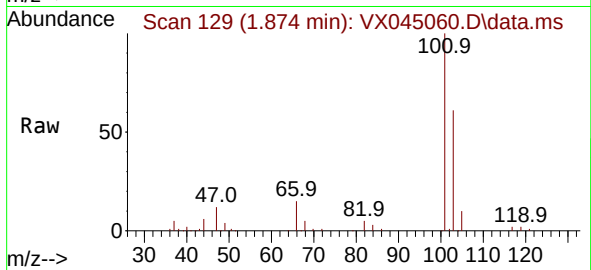
Tgt Ion: 64 Resp: 15019
Ion Ratio Lower Upper
64 100
66 31.6 25.9 38.9





#7
Trichlorofluoromethane
Concen: 19.595 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX045060.D
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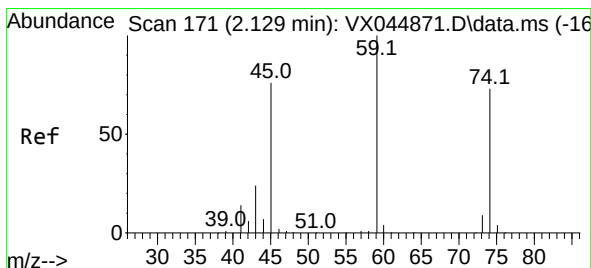
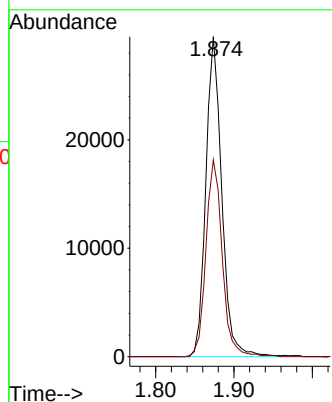
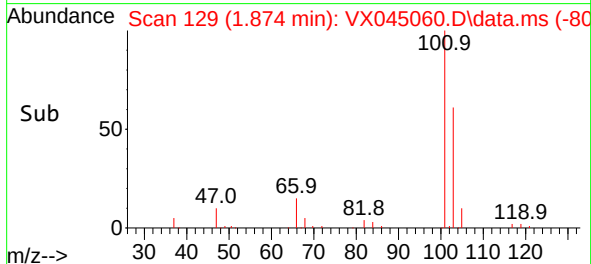
Instrument :
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Tgt Ion:101 Resp: 41580
Ion Ratio Lower Upper
101 100
103 61.5 52.4 78.6

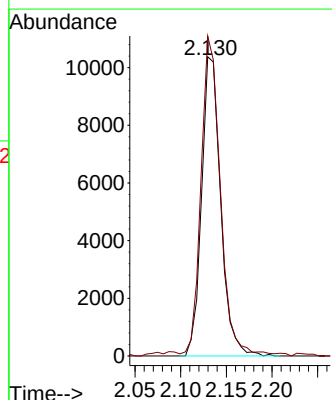
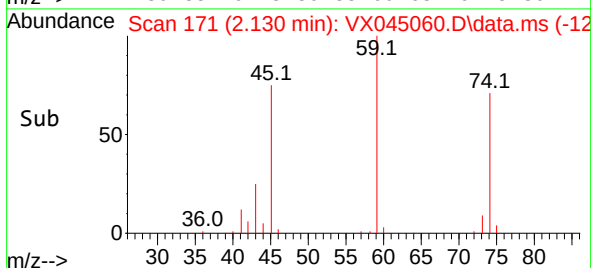
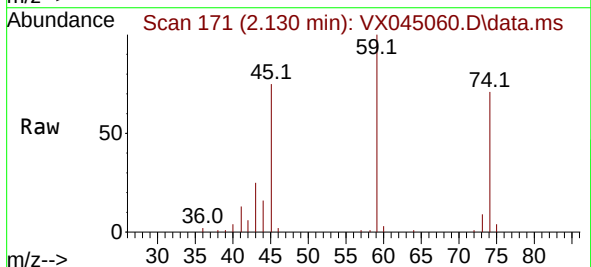
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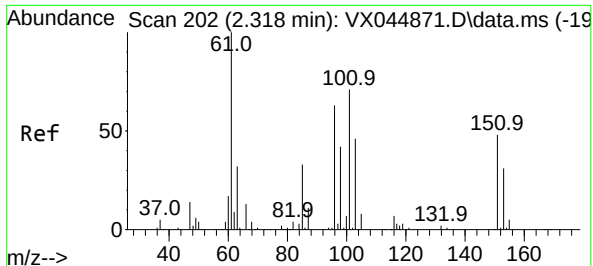
Reviewed By :John Carlone 02/28/2025
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#8
Diethyl Ether
Concen: 19.546 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.001 min
Lab File: VX045060.D
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Tgt Ion: 74 Resp: 15044
Ion Ratio Lower Upper
74 100
45 109.2 51.1 153.4





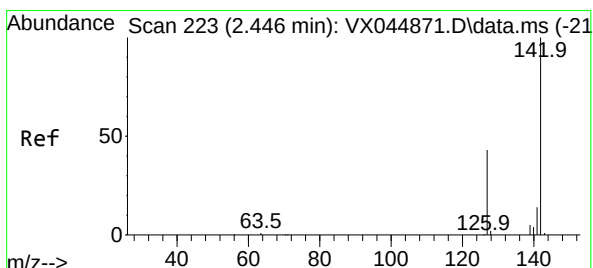
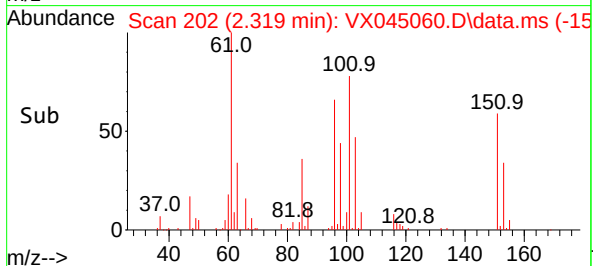
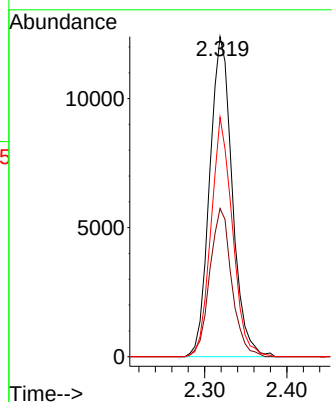
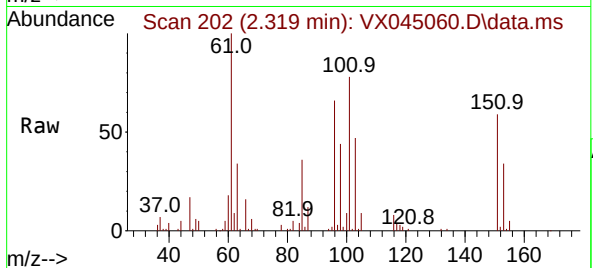
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.429 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tgt Ion:101 Resp: 2363
Ion Ratio Lower Upper
101 100
85 45.1 35.7 53.5
151 71.2 56.0 84.0

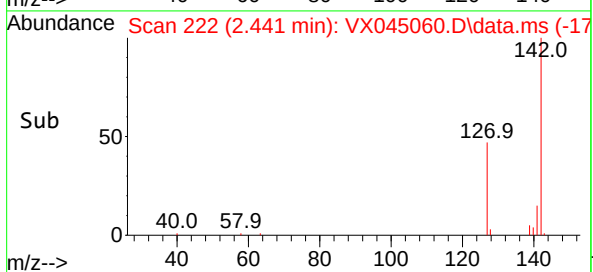
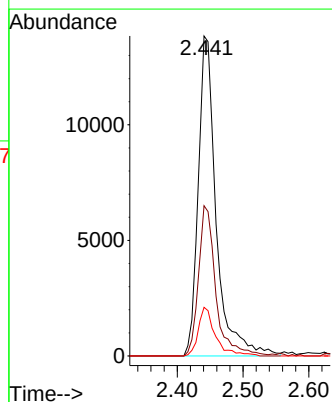
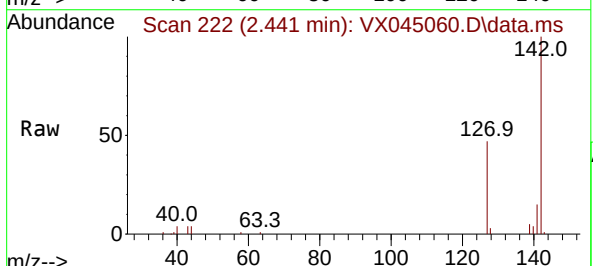
Manual Integrations
APPROVED

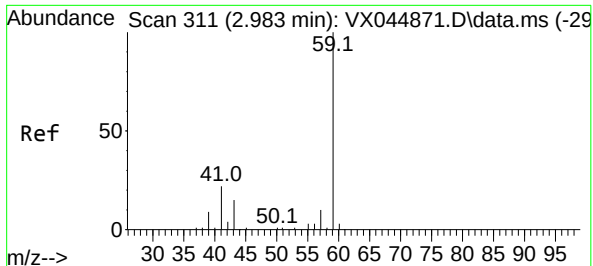
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#10
Methyl Iodide
Concen: 15.813 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

Tgt Ion:142 Resp: 26279
Ion Ratio Lower Upper
142 100
127 45.1 34.3 51.5
141 14.5 11.4 17.2





#11

Tert butyl alcohol

Concen: 125.040 ug/l

RT: 2.977 min Scan# 311

Delta R.T. -0.006 min

Lab File: VX045060.D

Acq: 27 Feb 2025 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tgt Ion: 59 Resp: 34458

Ion Ratio Lower Upper

59 100

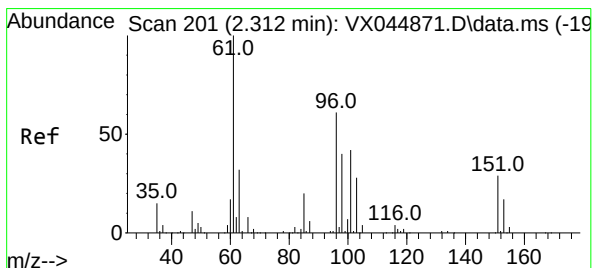
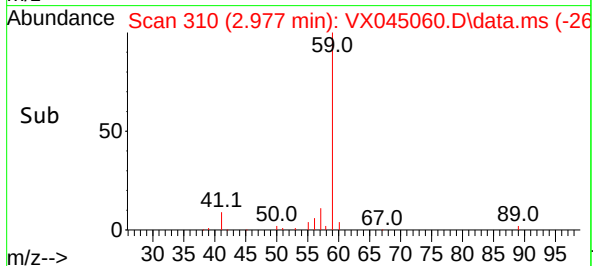
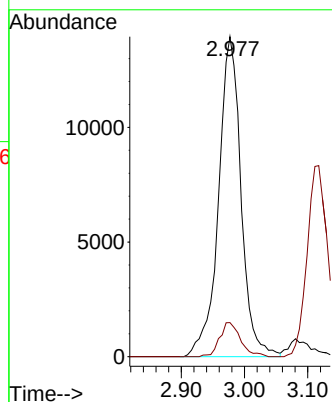
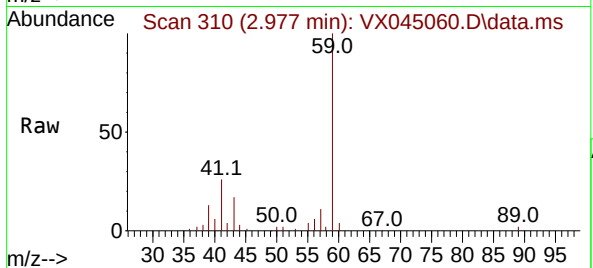
57 9.9 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#12

1,1-Dichloroethene

Concen: 17.845 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.006 min

Lab File: VX045060.D

Acq: 27 Feb 2025 13:47

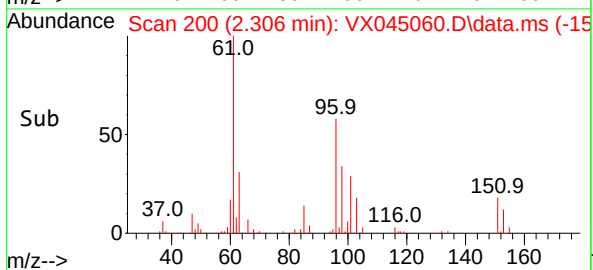
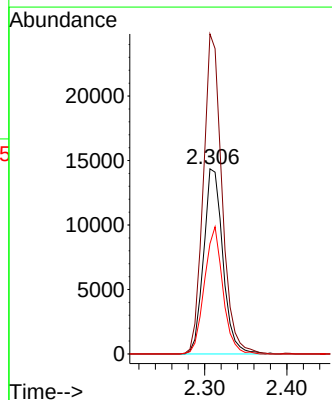
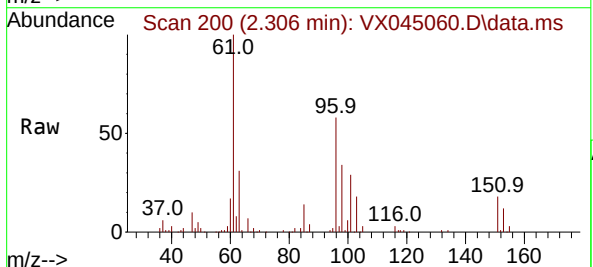
Tgt Ion: 96 Resp: 23341

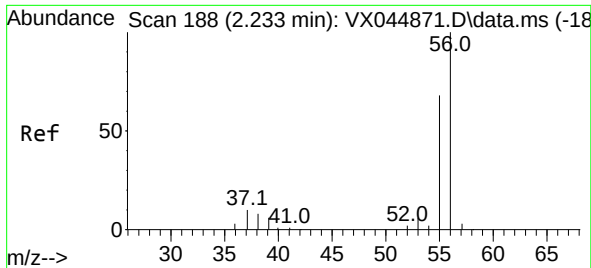
Ion Ratio Lower Upper

96 100

61 172.9 130.2 195.4

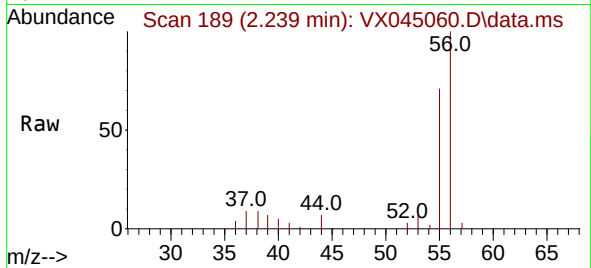
98 59.5 52.2 78.4





#13
Acrolein
Concen: 77.816 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

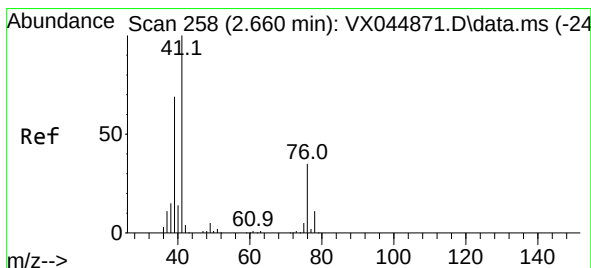
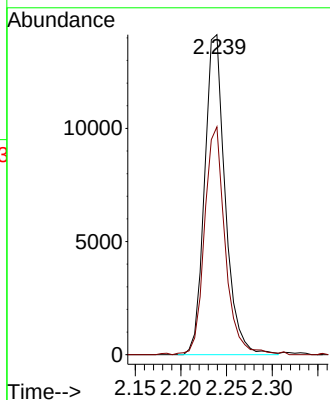
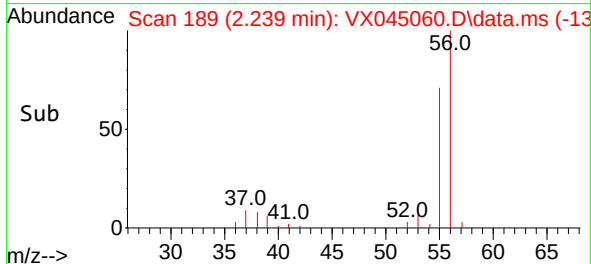
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



Tgt Ion: 56 Resp: 2212
Ion Ratio Lower Upper
56 100
55 71.5 55.7 83.5

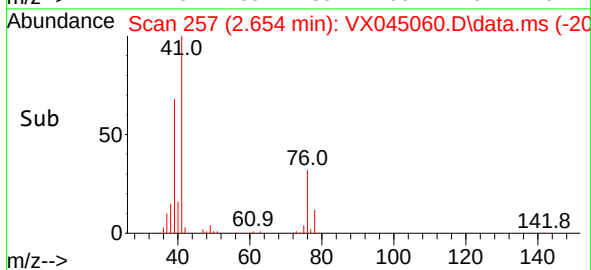
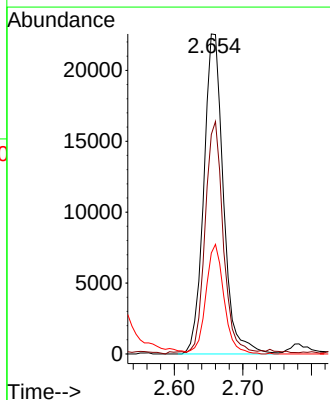
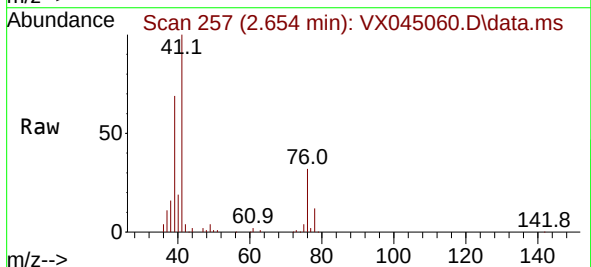
Manual Integrations
APPROVED

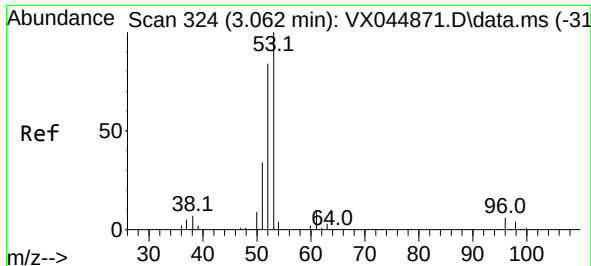
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#14
Allyl chloride
Concen: 19.046 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

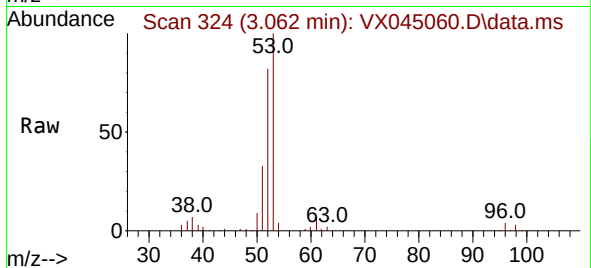
Tgt Ion: 41 Resp: 45021
Ion Ratio Lower Upper
41 100
39 67.6 51.4 77.2
76 31.6 27.0 40.4





#15
Acrylonitrile
Concen: 117.418 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

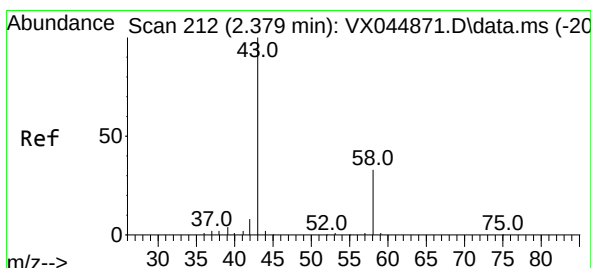
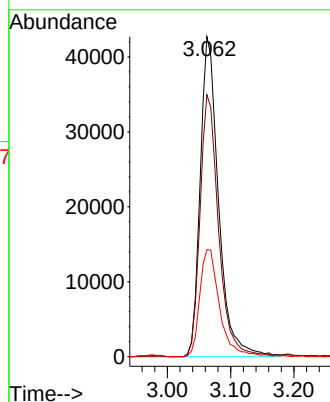
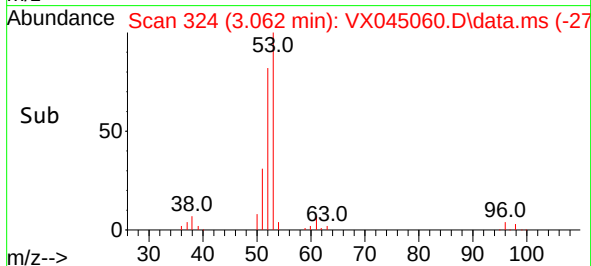
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



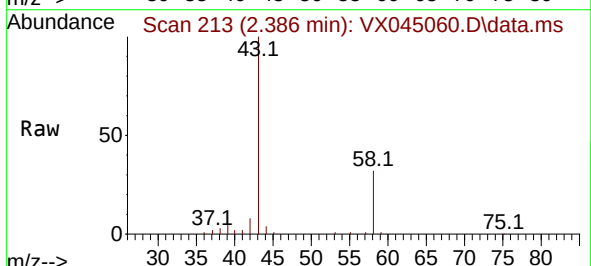
Tgt Ion: 53 Resp: 86394
Ion Ratio Lower Upper
53 100
52 82.6 65.0 97.6
51 36.0 28.0 42.0

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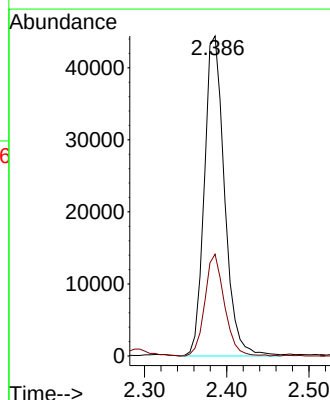
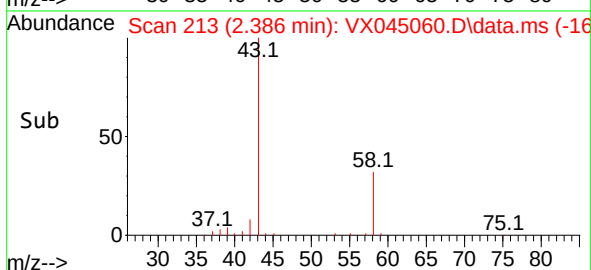
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

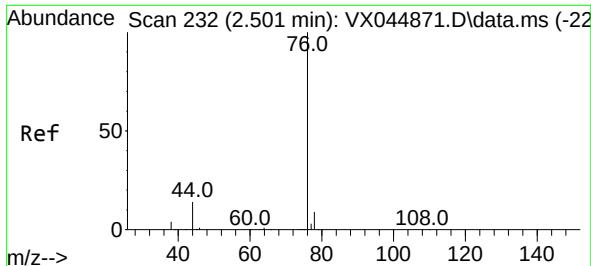


#16
Acetone
Concen: 126.724 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47



Tgt Ion: 43 Resp: 75675
Ion Ratio Lower Upper
43 100
58 31.8 26.5 39.7





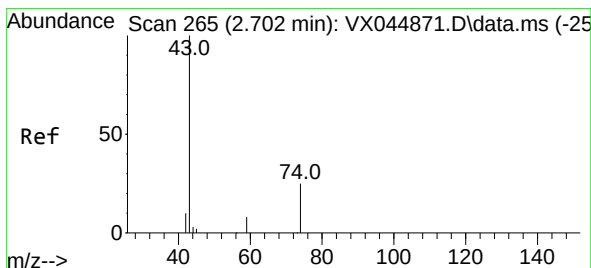
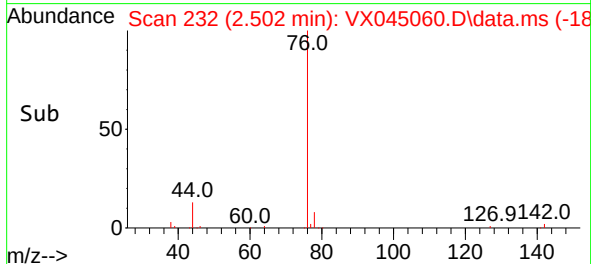
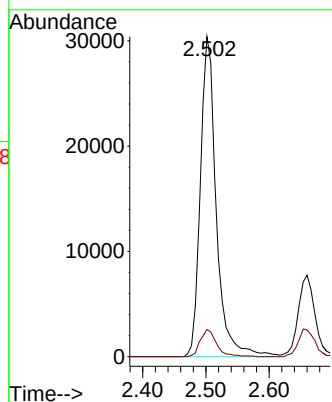
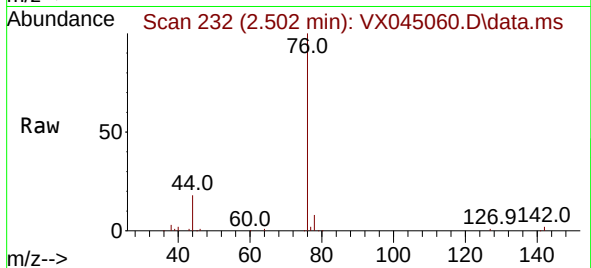
#17
Carbon Disulfide
Concen: 14.860 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tgt Ion: 76 Resp: 53300
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.4

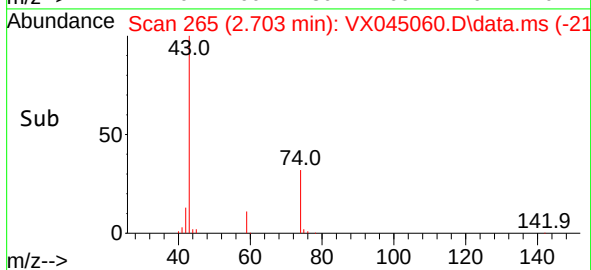
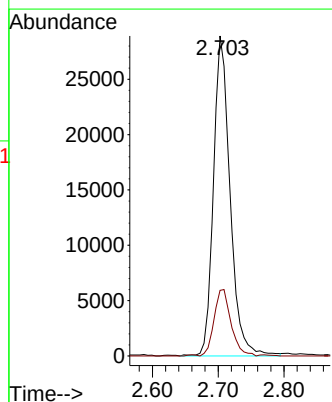
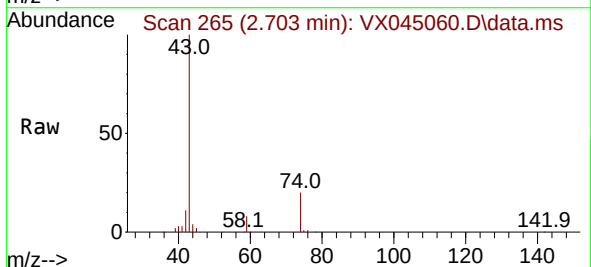
Manual Integrations
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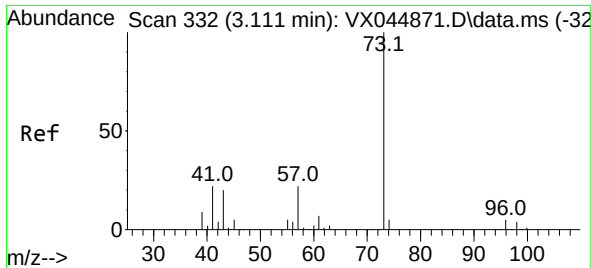
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#18
Methyl Acetate
Concen: 27.035 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

Tgt Ion: 43 Resp: 50946
Ion Ratio Lower Upper
43 100
74 21.1 18.9 28.3





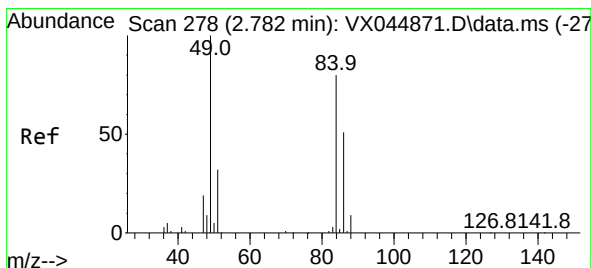
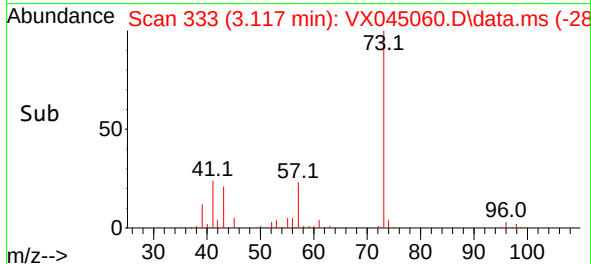
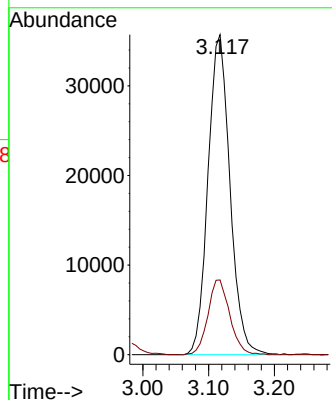
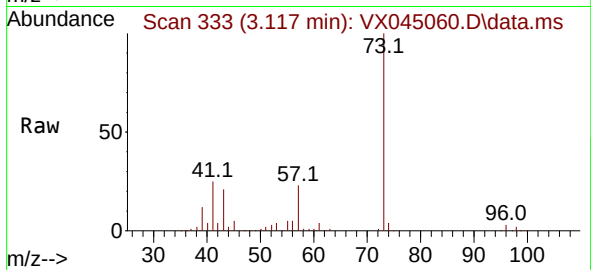
#19
Methyl tert-butyl Ether
Concen: 19.914 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tgt Ion: 73 Resp: 82874
Ion Ratio Lower Upper
73 100
57 23.3 17.9 26.9

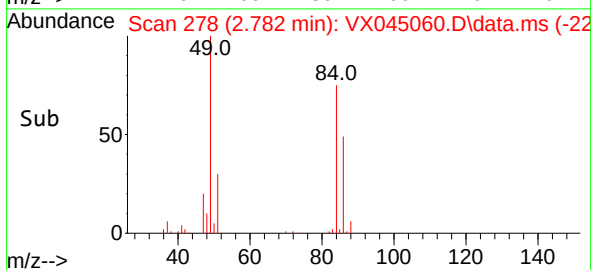
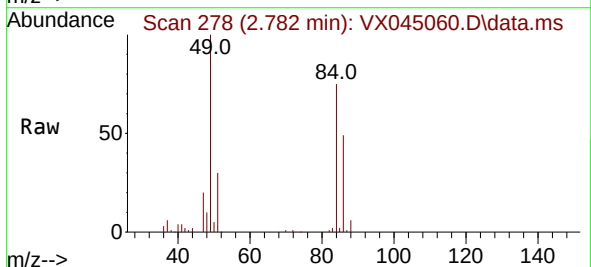
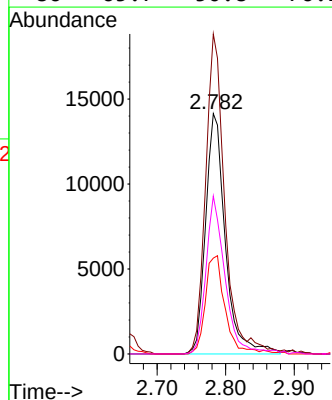
Manual Integrations
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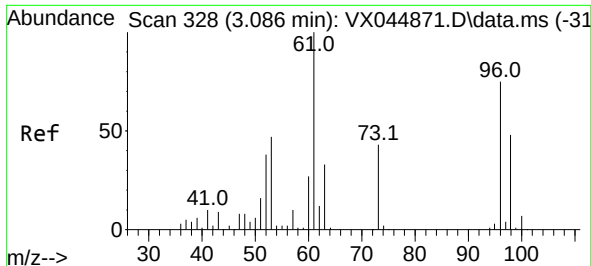
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#20
Methylene Chloride
Concen: 19.421 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

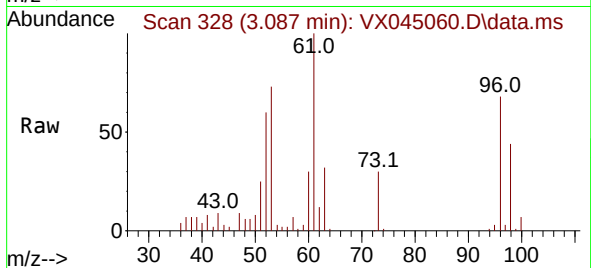
Tgt Ion: 84 Resp: 28407
Ion Ratio Lower Upper
84 100
49 133.2 100.1 150.1
51 39.9 31.7 47.5
86 65.7 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 18.287 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

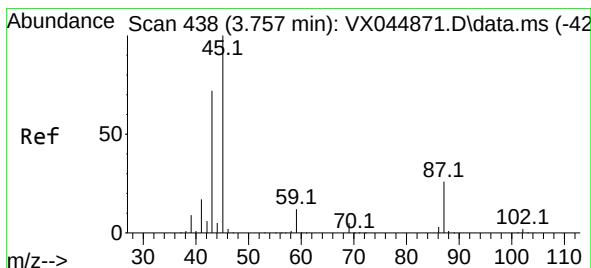
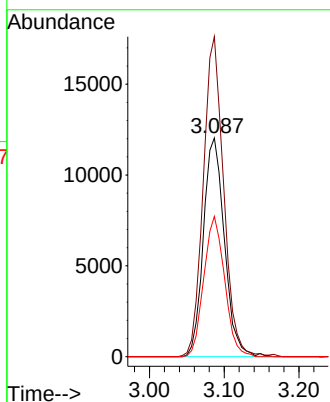
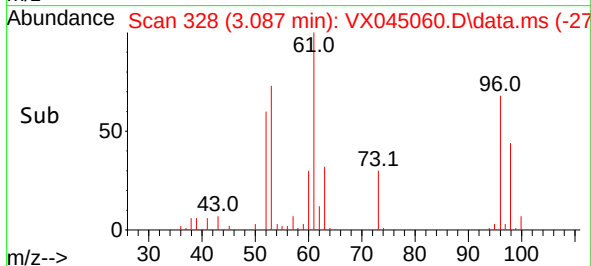
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



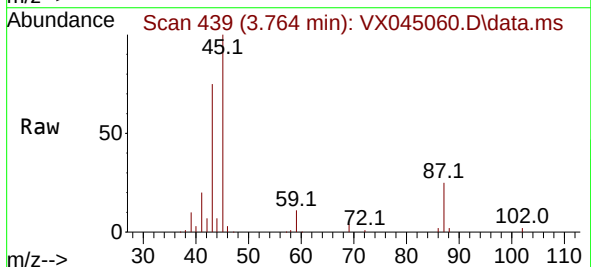
Tgt Ion: 96 Resp: 2354
Ion Ratio Lower Upper
96 100
61 146.3 106.0 159.0
98 64.1 50.6 76.0

Manual Integrations
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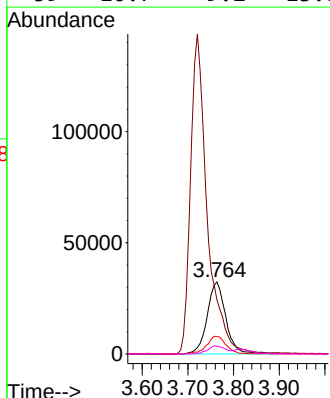
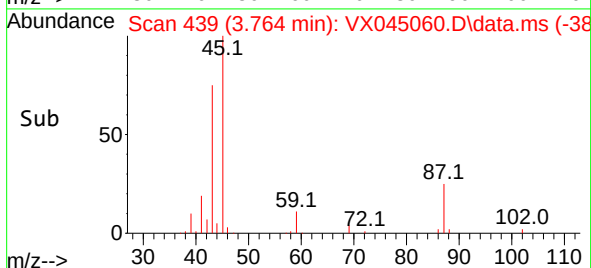
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

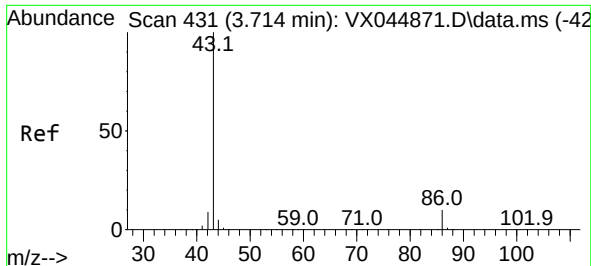


#22
Diisopropyl ether
Concen: 20.494 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47



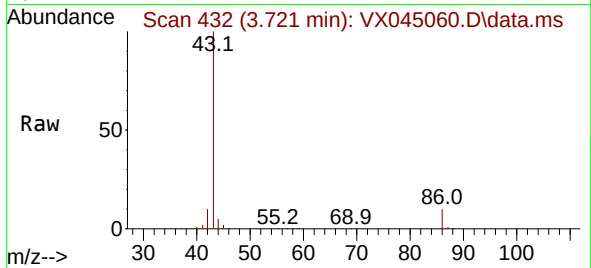
Tgt Ion: 45 Resp: 91650
Ion Ratio Lower Upper
45 100
43 74.3 58.0 87.0
87 24.6 20.7 31.1
59 10.7 9.2 13.8





#23
 Vinyl Acetate
 Concen: 100.211 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX045060.D
 Acq: 27 Feb 2025 13:47

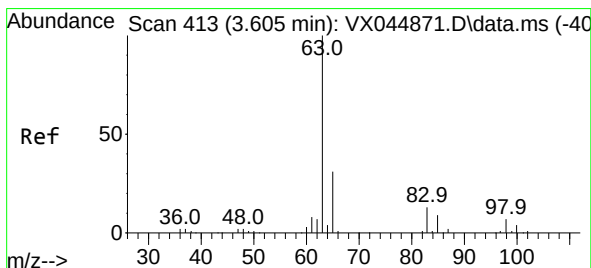
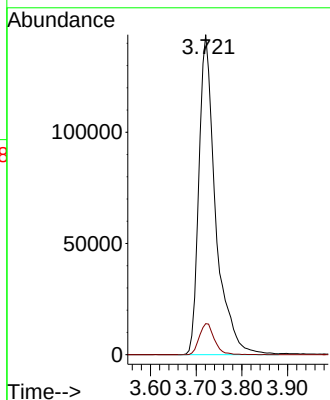
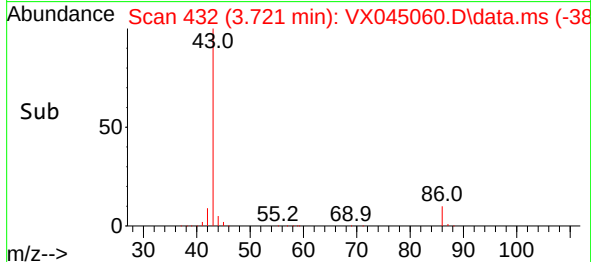
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS01



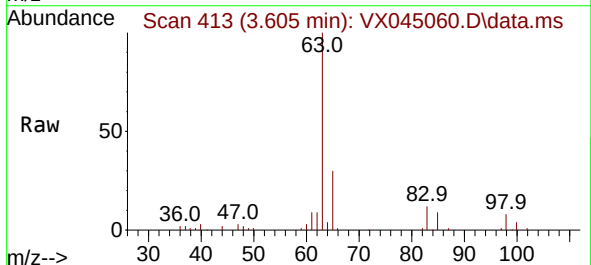
Tgt Ion: 43 Resp: 365358
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.3 12.5

Manual Integrations
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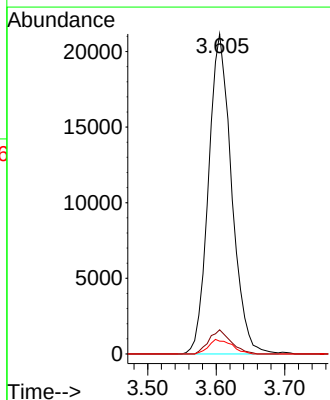
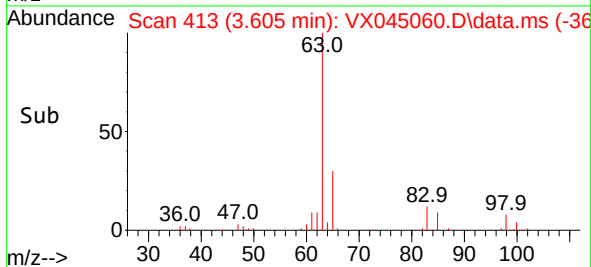
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025

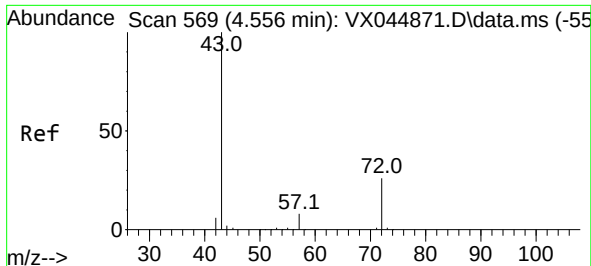


#24
 1,1-Dichloroethane
 Concen: 19.804 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045060.D
 Acq: 27 Feb 2025 13:47



Tgt Ion: 63 Resp: 49555
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.3 9.9
 100 4.0 2.1 6.5





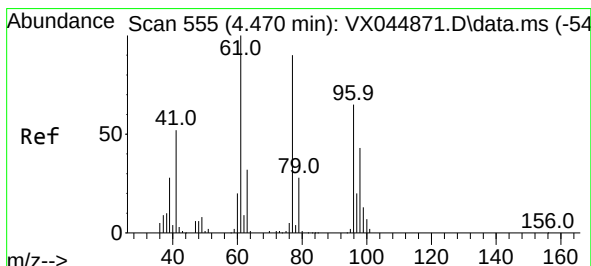
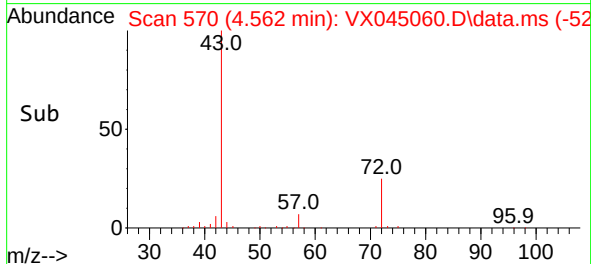
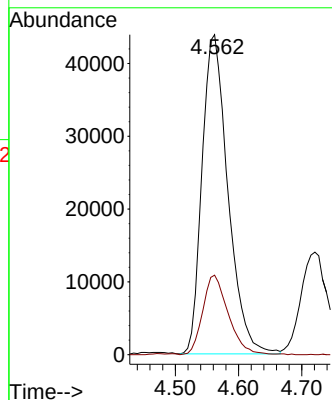
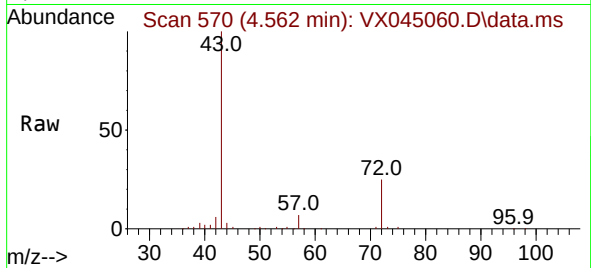
#25
2-Butanone
Concen: 129.192 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tgt Ion: 43 Resp: 125270
Ion Ratio Lower Upper
43 100
72 24.9 21.2 31.8

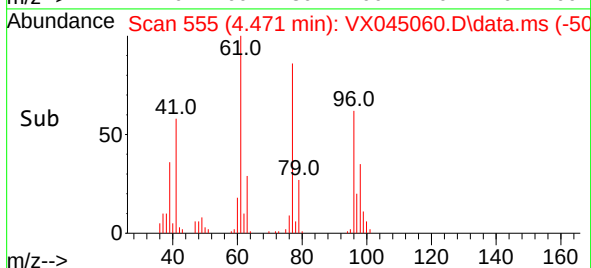
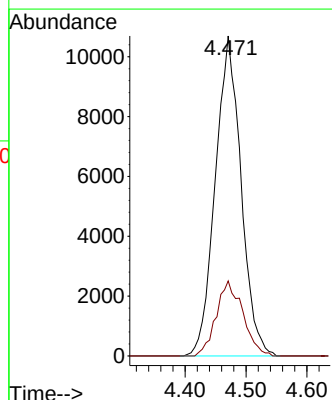
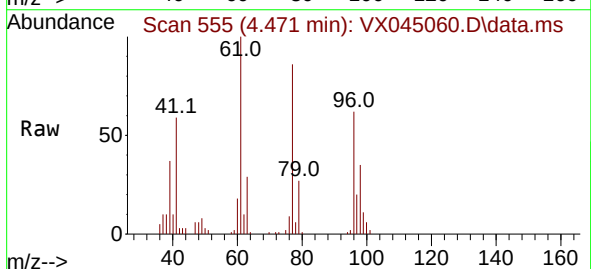
Manual Integrations
APPROVED

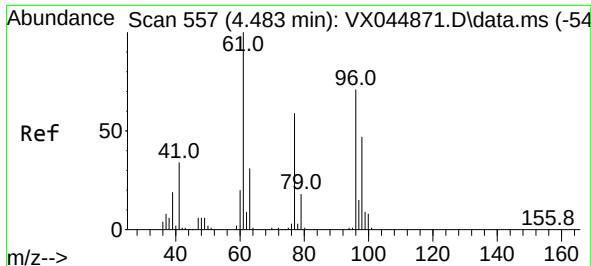
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#26
2,2-Dichloropropane
Concen: 15.794 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

Tgt Ion: 77 Resp: 31342
Ion Ratio Lower Upper
77 100
97 24.2 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 19.358 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX045060.D

Acq: 27 Feb 2025 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

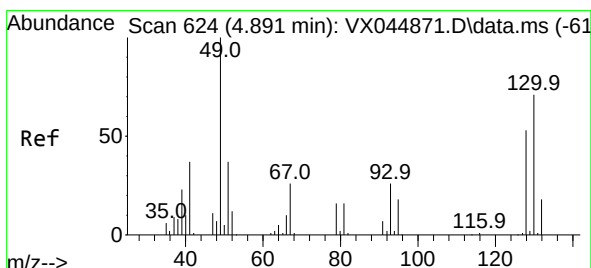
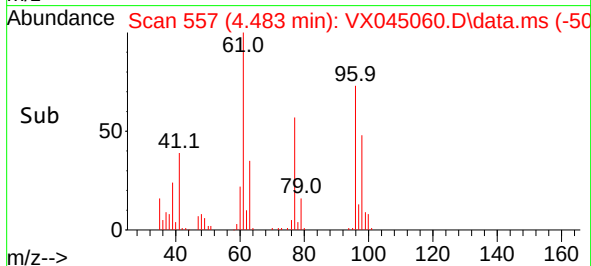
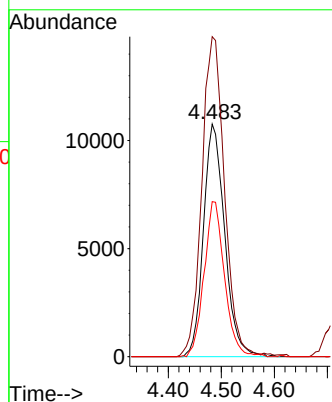
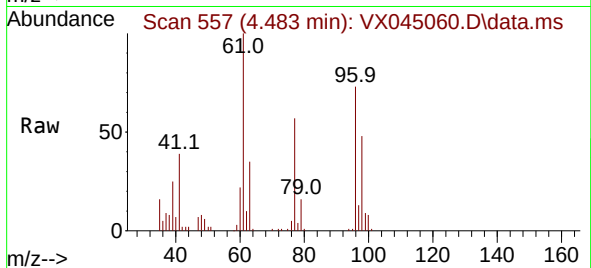
Tgt Ion: 96	Resp: 2993
Ion Ratio	Lower Upper
96 100	
61 146.4	0.0 294.0
98 64.3	0.0 131.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#28

Bromochloromethane

Concen: 20.200 ug/l

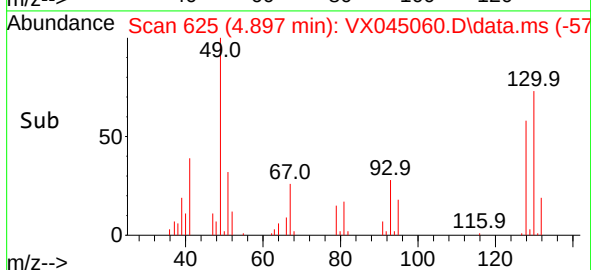
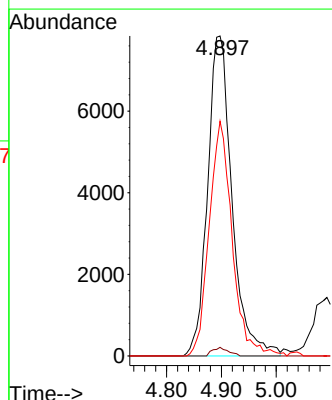
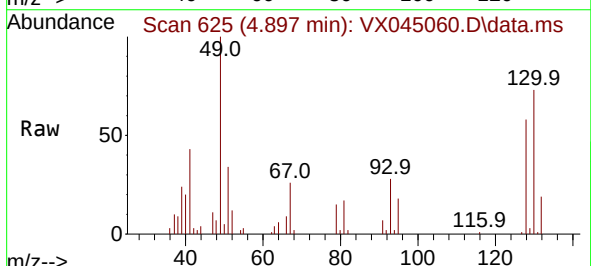
RT: 4.897 min Scan# 625

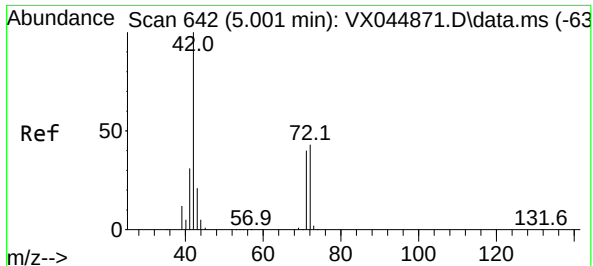
Delta R.T. 0.006 min

Lab File: VX045060.D

Acq: 27 Feb 2025 13:47

Tgt Ion: 49	Resp: 24292
Ion Ratio	Lower Upper
49 100	
129 1.7	0.0 3.6
130 69.0	56.7 85.1





#29

Tetrahydrofuran

Concen: 122.955 ug/l

RT: 5.007 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX045060.D

Acq: 27 Feb 2025 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

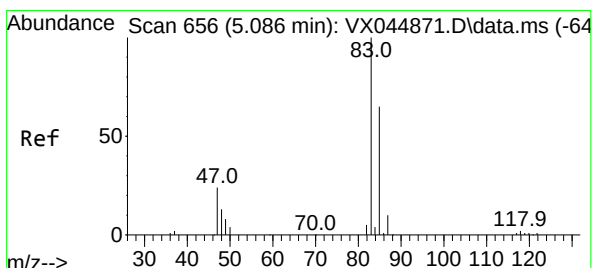
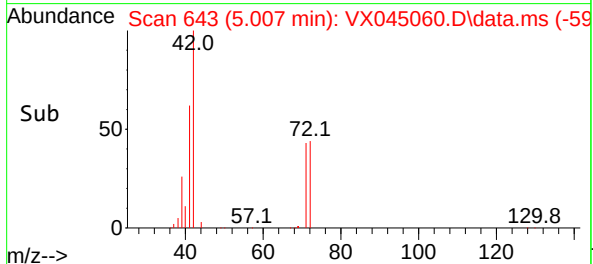
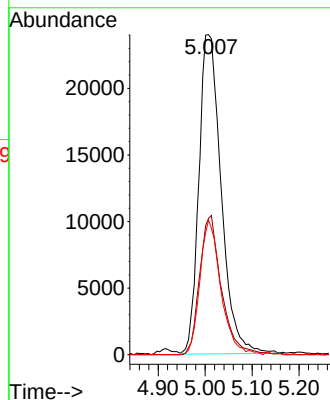
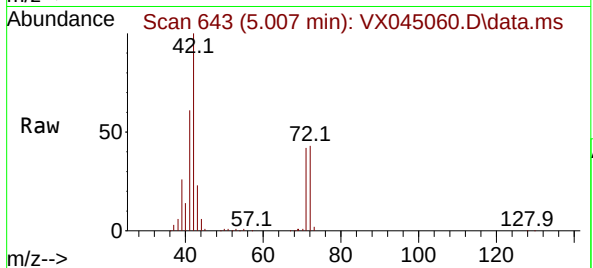
Tgt Ion: 42 Resp: 79170
 Ion Ratio Lower Upper
 42 100
 72 42.5 35.0 52.4
 71 39.4 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#30

Chloroform

Concen: 20.810 ug/l

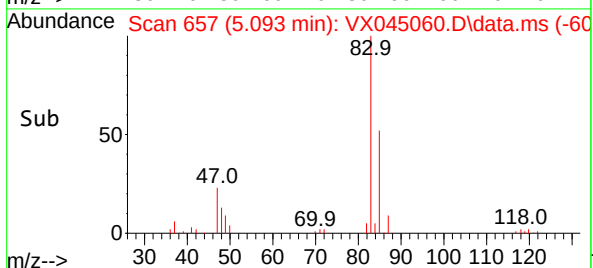
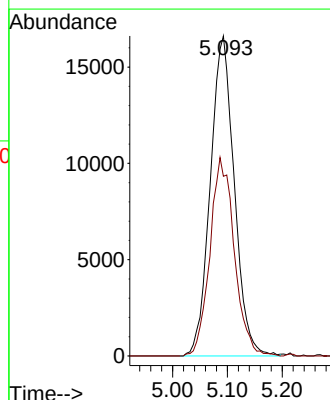
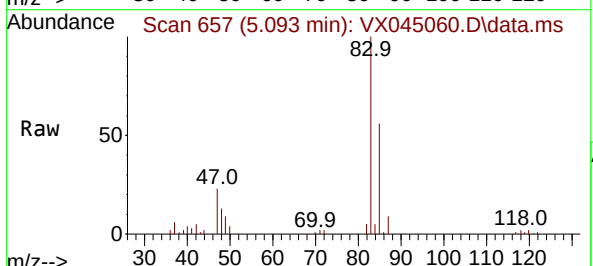
RT: 5.093 min Scan# 657

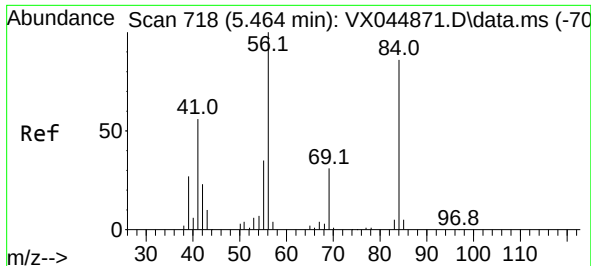
Delta R.T. 0.006 min

Lab File: VX045060.D

Acq: 27 Feb 2025 13:47

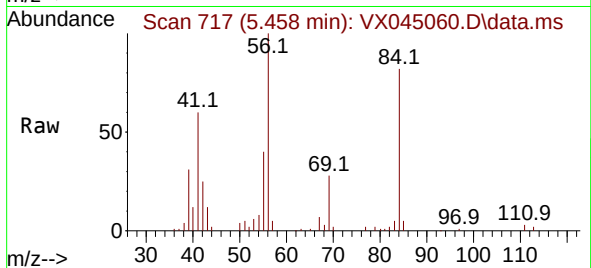
Tgt Ion: 83 Resp: 50501
 Ion Ratio Lower Upper
 83 100
 85 56.2 52.1 78.1





#31
Cyclohexane
Concen: 17.131 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

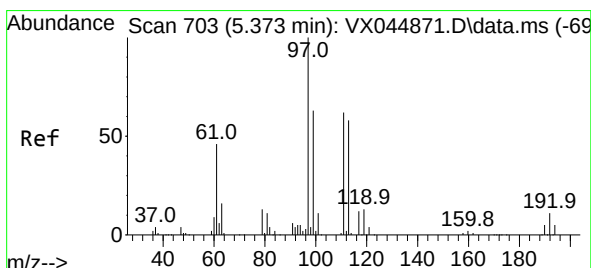
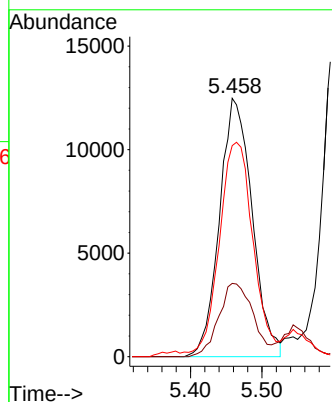
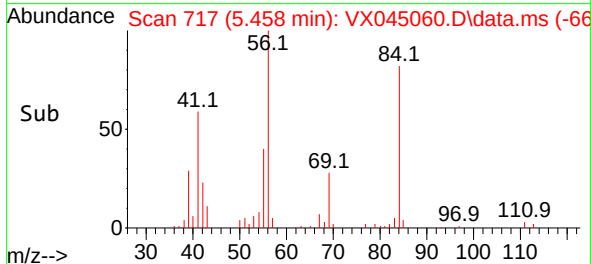
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



Tgt Ion: 56 Resp: 39520
Ion Ratio Lower Upper
56 100
69 28.4 24.4 36.6
84 80.4 69.0 103.6

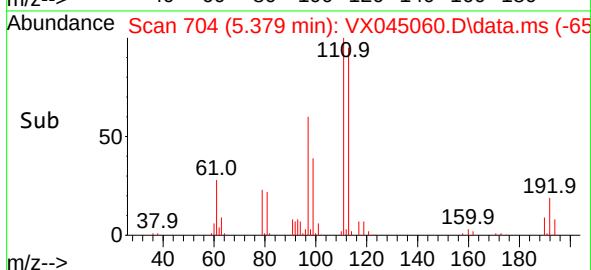
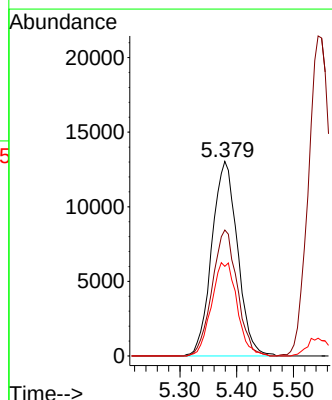
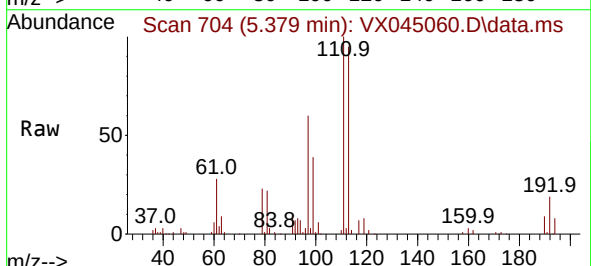
Manual Integrations
APPROVED

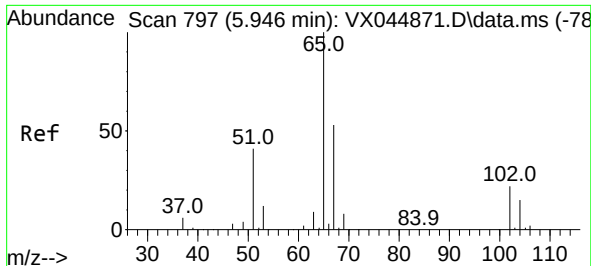
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#32
1,1,1-Trichloroethane
Concen: 19.960 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

Tgt Ion: 97 Resp: 41085
Ion Ratio Lower Upper
97 100
99 63.1 51.0 76.6
61 47.8 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 53.742 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX045060.D

Acq: 27 Feb 2025 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tgt Ion: 65 Resp: 7983

Ion Ratio Lower Upper

65 100

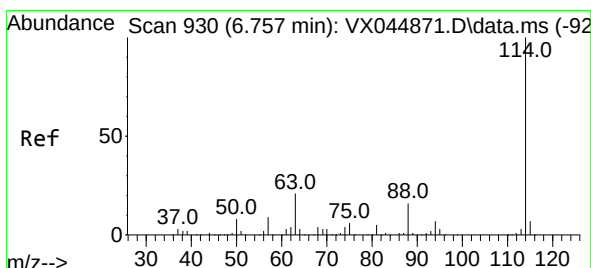
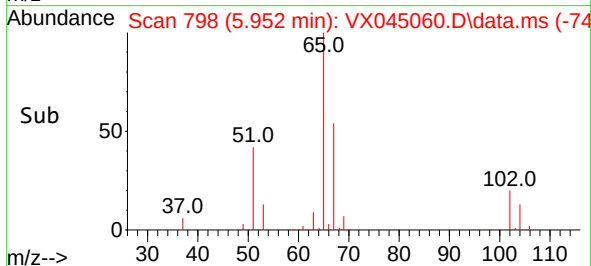
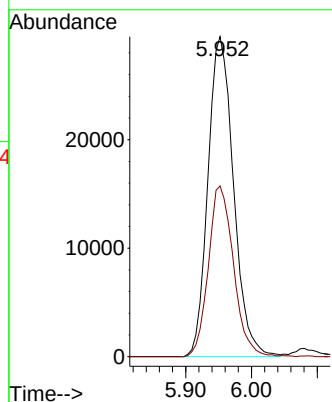
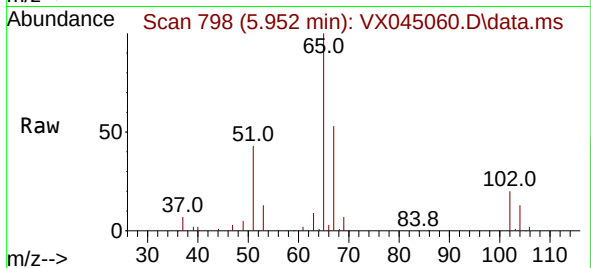
67 52.5 0.0 108.2

Manual Integrations

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Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045060.D

Acq: 27 Feb 2025 13:47

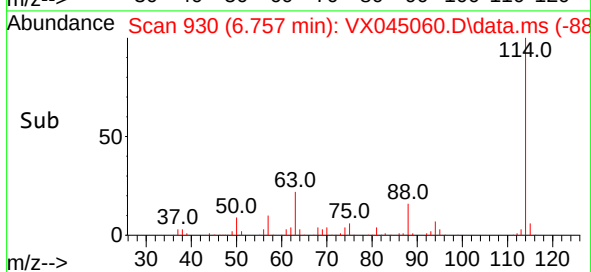
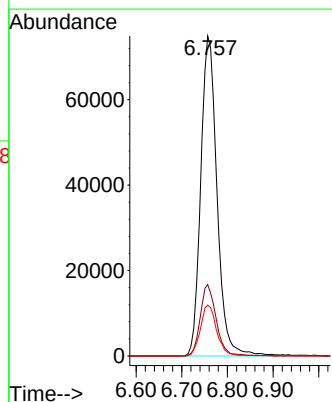
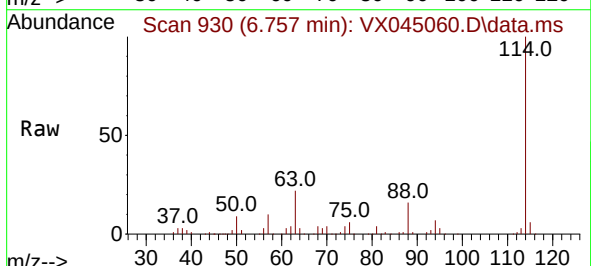
Tgt Ion:114 Resp: 184943

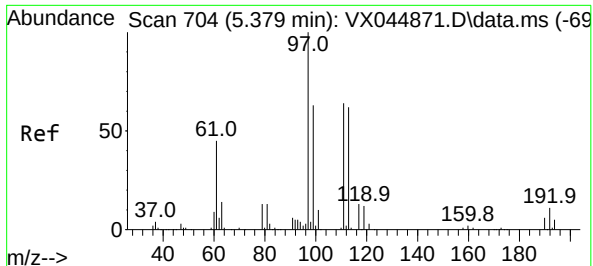
Ion Ratio Lower Upper

114 100

63 22.3 0.0 42.4

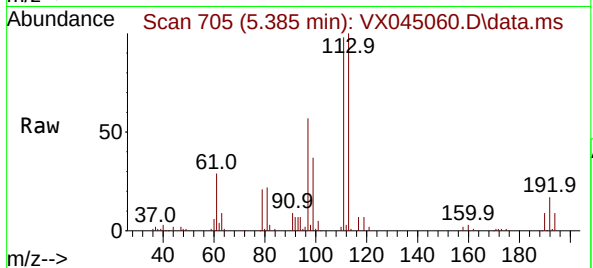
88 15.9 0.0 31.4





#35
Dibromofluoromethane
Concen: 52.333 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

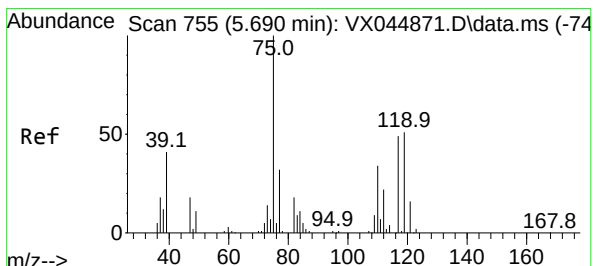
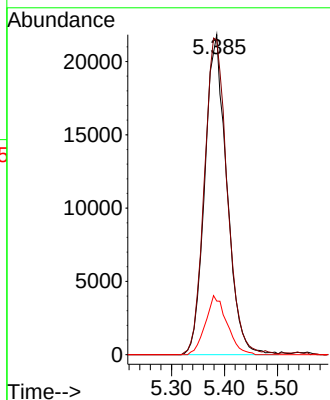
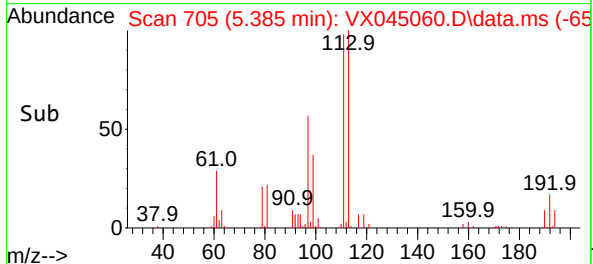
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



Tgt Ion:113 Resp: 6292
Ion Ratio Lower Upper
113 100
111 102.6 83.5 125.3
192 18.1 14.4 21.6

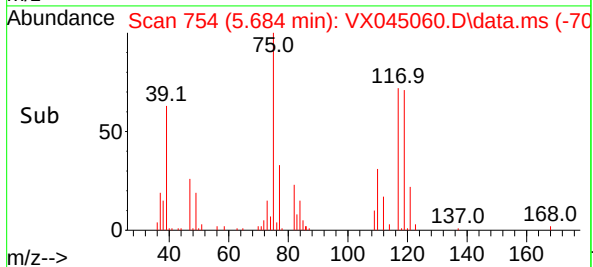
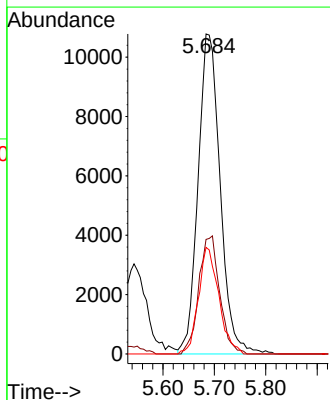
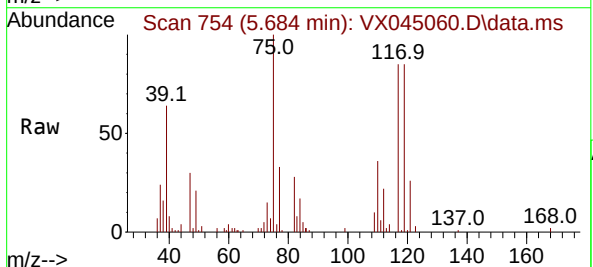
Manual Integrations
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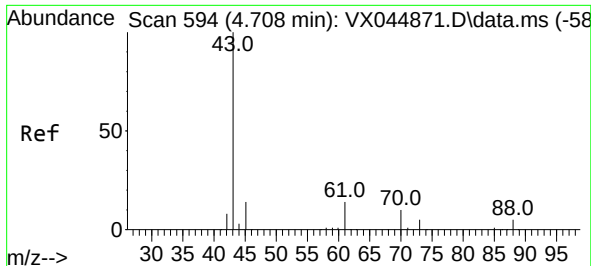
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#36
1,1-Dichloropropene
Concen: 18.595 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

Tgt Ion: 75 Resp: 32259
Ion Ratio Lower Upper
75 100
110 34.8 17.2 51.6
77 30.6 24.6 37.0





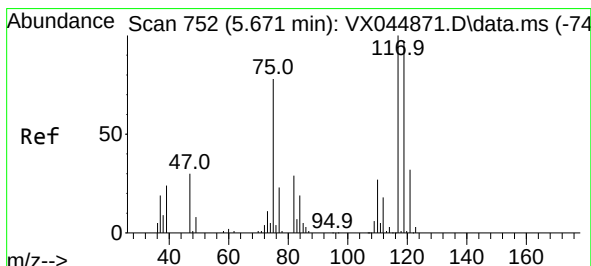
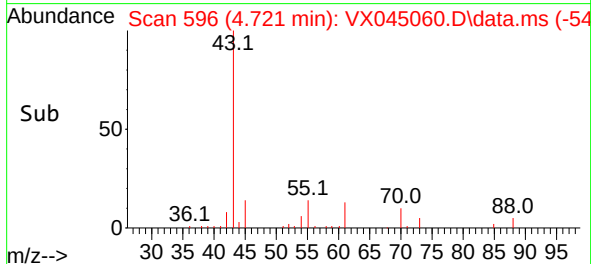
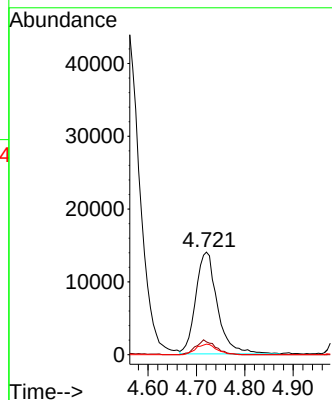
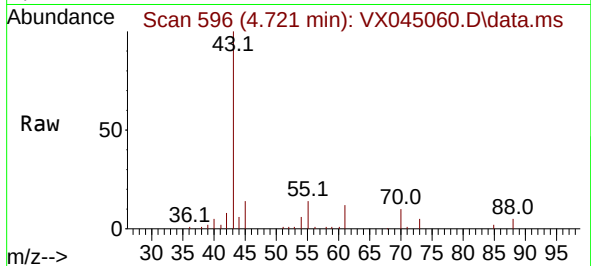
#37
Ethyl Acetate
Concen: 22.572 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.013 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tgt Ion: 43 Resp: 4355
Ion Ratio Lower Upper
43 100
61 13.0 11.0 16.4
70 9.9 8.2 12.2

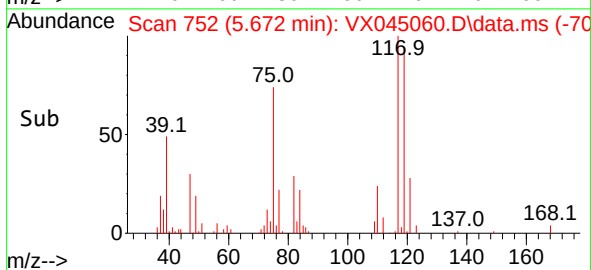
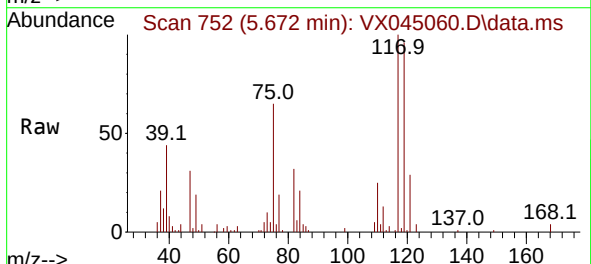
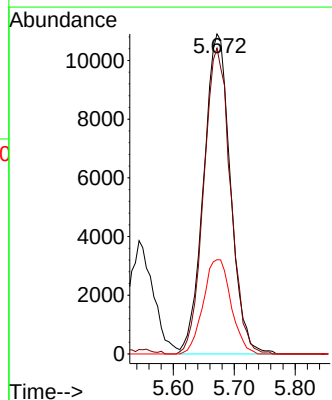
Manual Integrations
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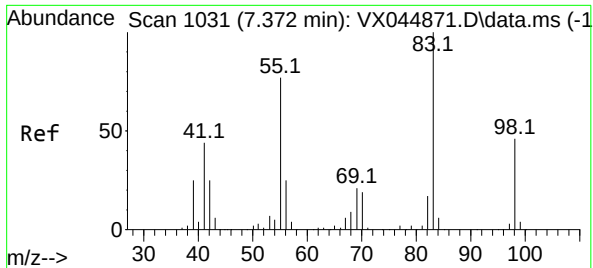
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#38
Carbon Tetrachloride
Concen: 19.578 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

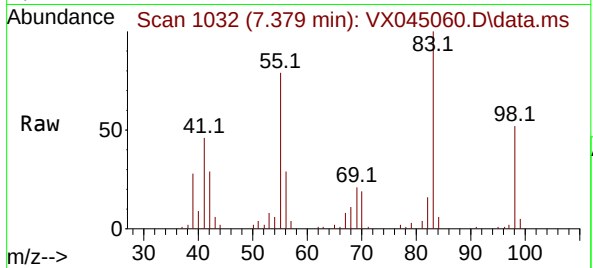
Tgt Ion:117 Resp: 33282
Ion Ratio Lower Upper
117 100
119 95.6 77.5 116.3
121 29.5 25.6 38.4





#39
Methylcyclohexane
Concen: 17.311 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

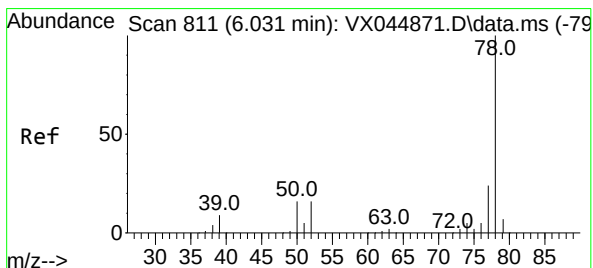
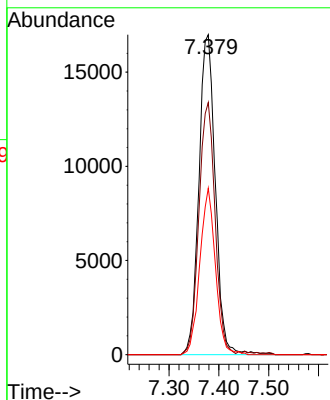
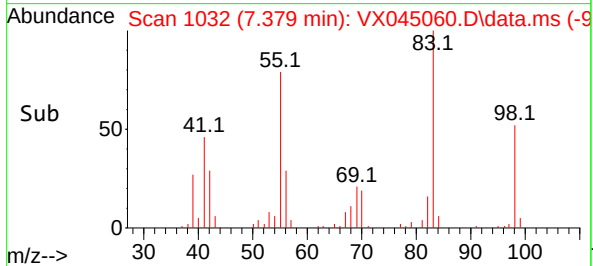
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



Tgt Ion: 83 Resp: 3882
Ion Ratio Lower Upper
83 100
55 78.8 61.3 91.9
98 52.0 37.0 55.6

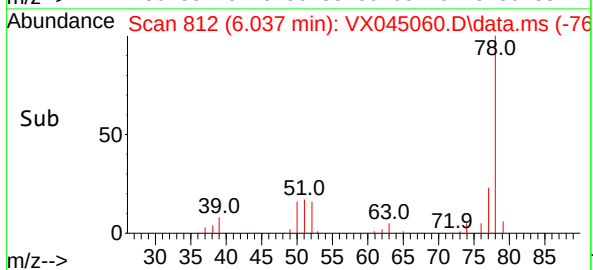
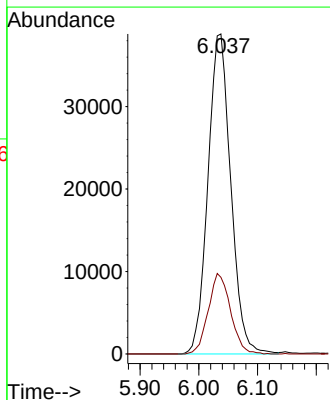
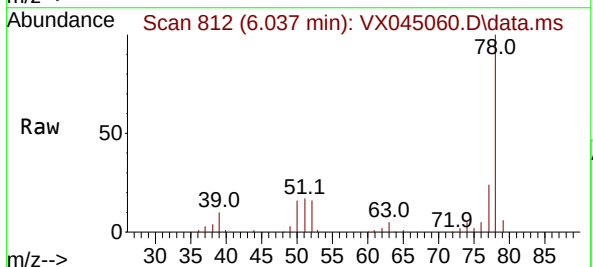
Manual Integrations
APPROVED

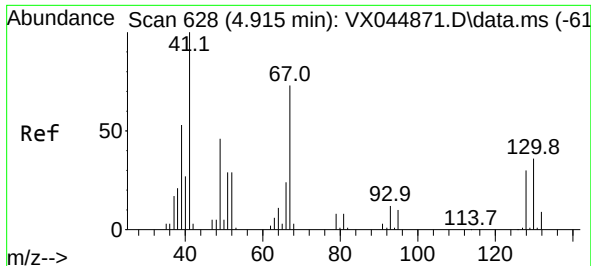
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#40
Benzene
Concen: 19.363 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

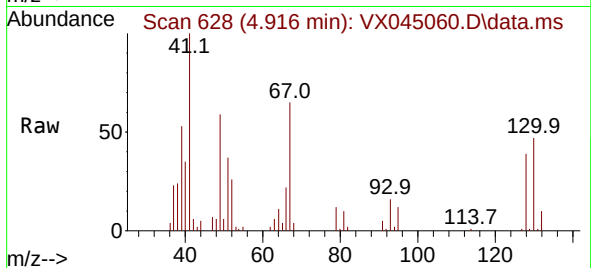
Tgt Ion: 78 Resp: 104891
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6





#41
Methacrylonitrile
Concen: 23.849 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

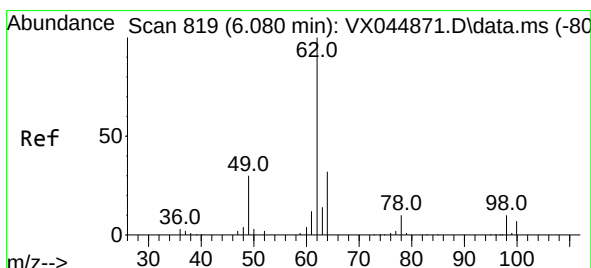
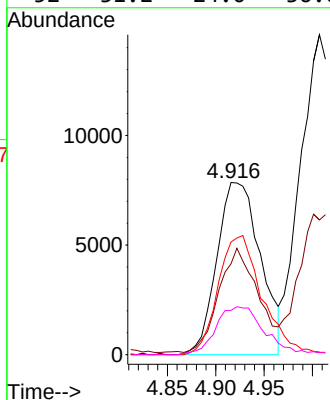
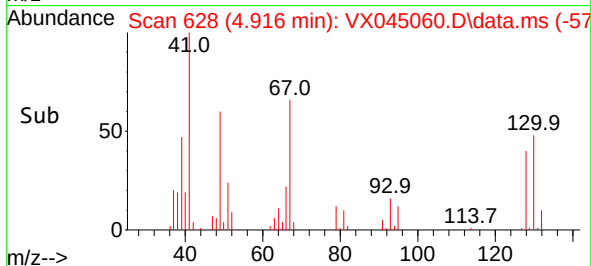
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



Tgt Ion: 41	Resp: 2463
Ion Ratio	Lower Upper
41	100
39	54.7 43.1 64.7
67	69.9 57.0 85.6
52	31.2 24.0 36.0

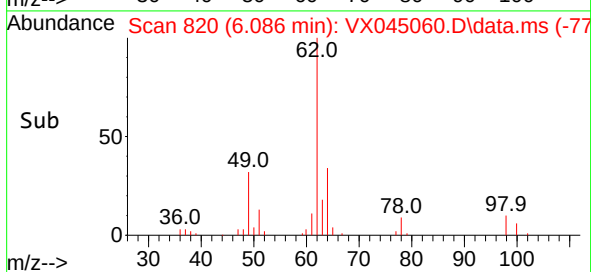
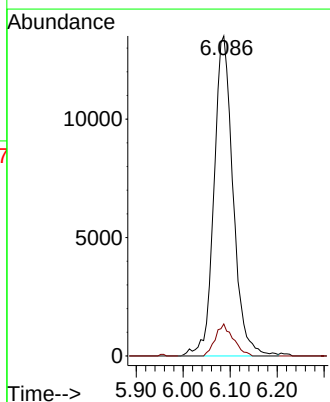
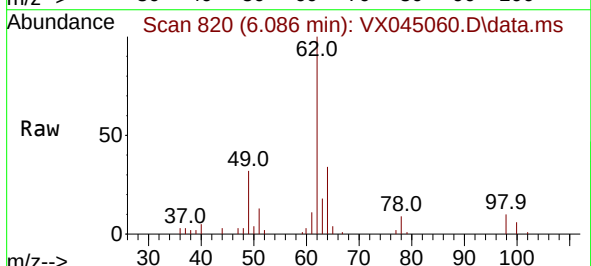
Manual Integrations
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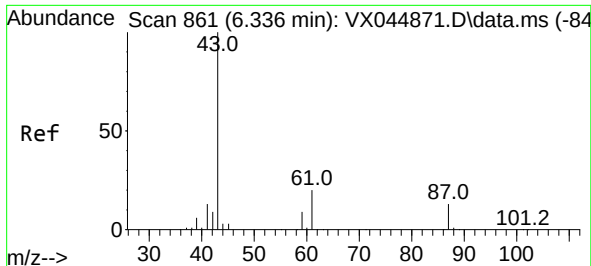
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#42
1,2-Dichloroethane
Concen: 22.093 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

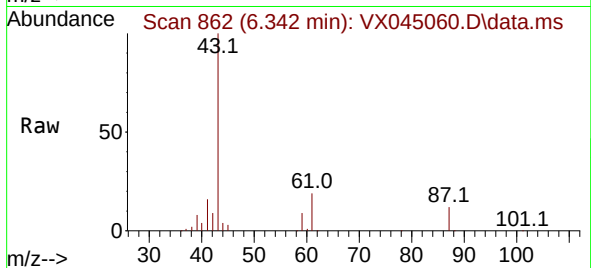
Tgt Ion: 62	Resp: 38142
Ion Ratio	Lower Upper
62	100
98	9.4 0.0 19.4





#43
Isopropyl Acetate
Concen: 21.729 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

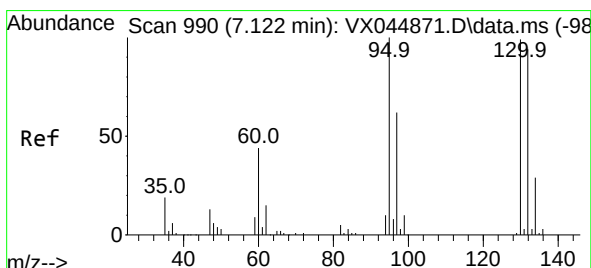
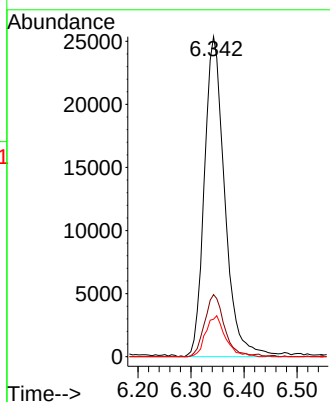
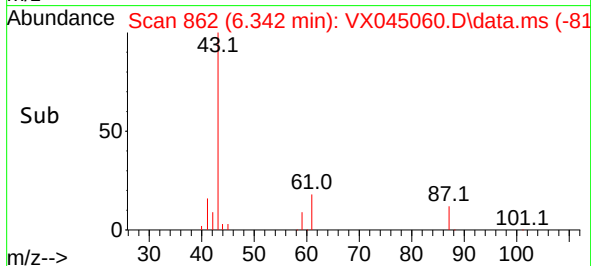
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



Tgt Ion: 43 Resp: 6770
Ion Ratio Lower Upper
43 100
61 18.6 15.8 23.8
87 12.4 10.0 15.0

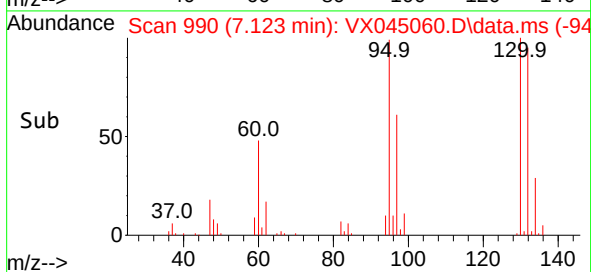
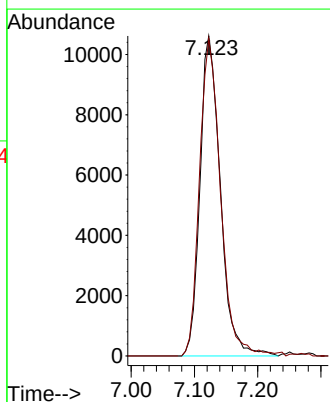
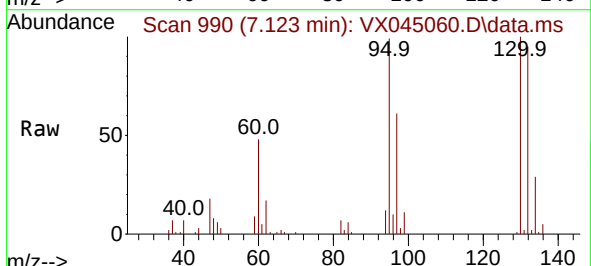
Manual Integrations
APPROVED

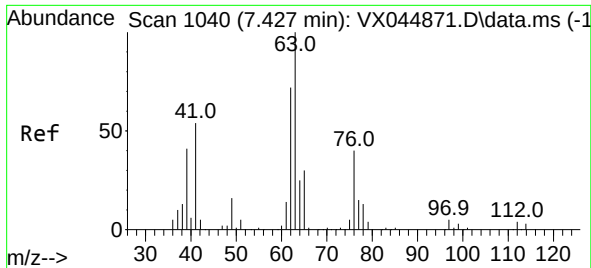
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#44
Trichloroethene
Concen: 19.195 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

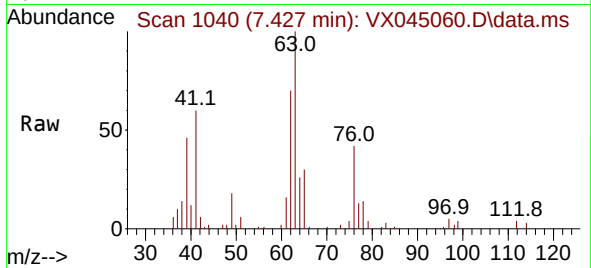
Tgt Ion:130 Resp: 23767
Ion Ratio Lower Upper
130 100
95 99.2 0.0 202.4





#45
1,2-Dichloropropane
Concen: 20.641 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

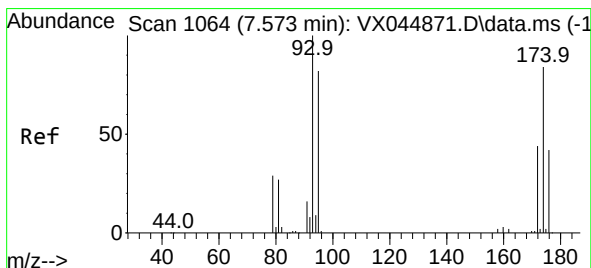
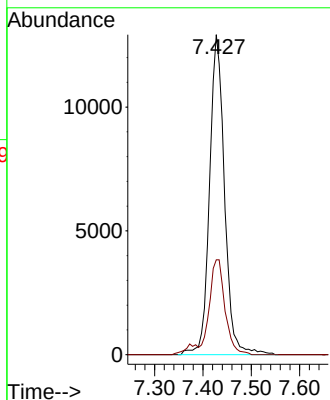
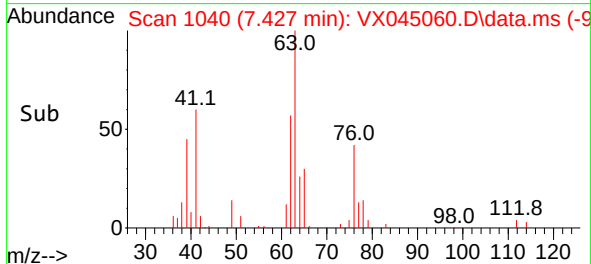
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



Tgt Ion: 63 Resp: 27818
Ion Ratio Lower Upper
63 100
65 29.6 24.2 36.4

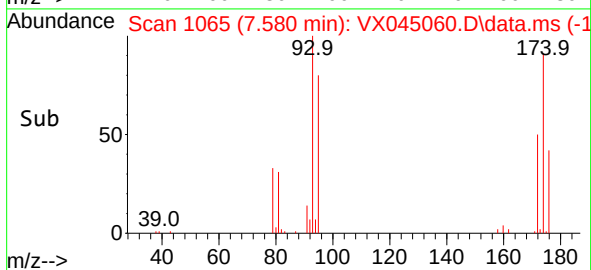
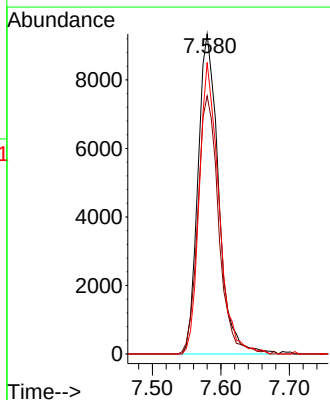
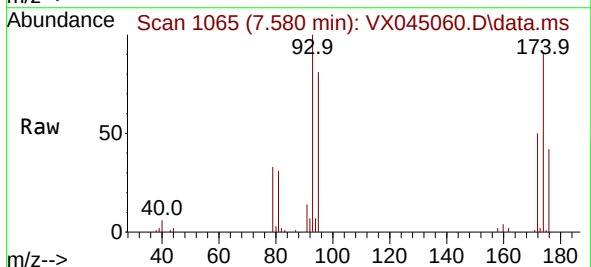
Manual Integrations
APPROVED

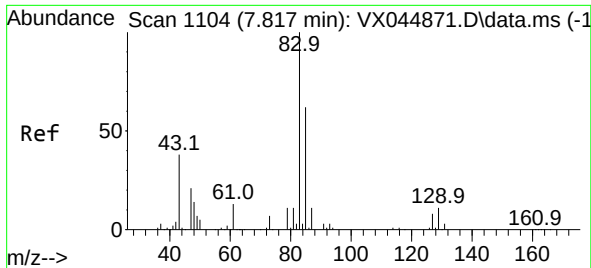
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#46
Dibromomethane
Concen: 20.902 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

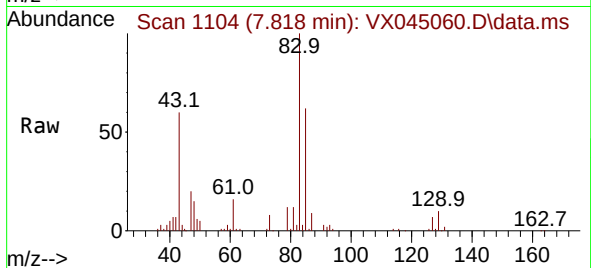
Tgt Ion: 93 Resp: 19535
Ion Ratio Lower Upper
93 100
95 81.9 66.2 99.4
174 86.9 69.9 104.9





#47
Bromodichloromethane
Concen: 21.419 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

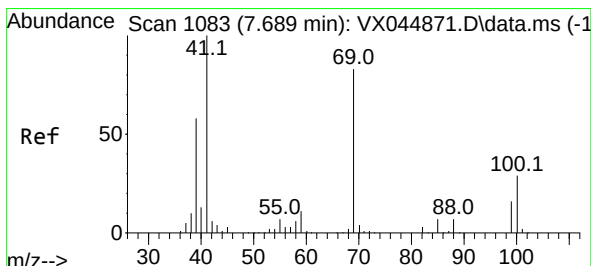
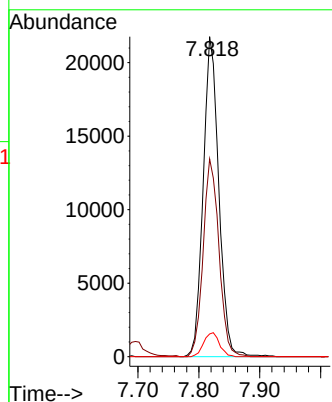
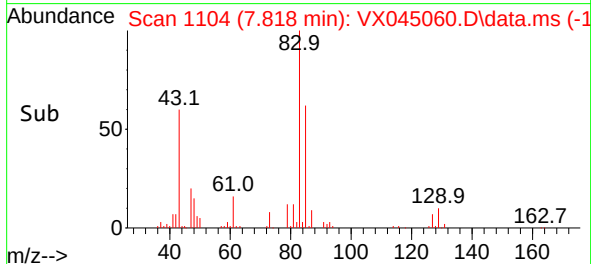
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



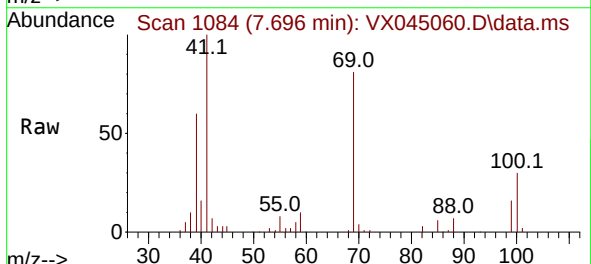
Tgt Ion: 83 Resp: 3876
Ion Ratio Lower Upper
83 100
85 61.8 50.0 75.0
127 7.1 6.4 9.6

Manual Integrations
APPROVED

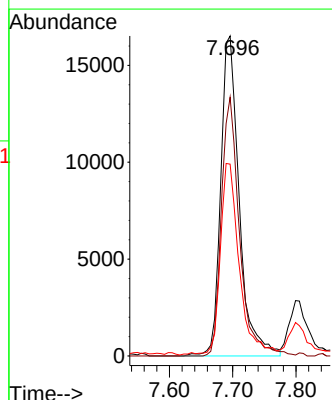
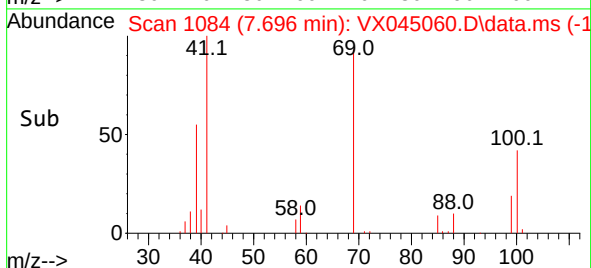
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

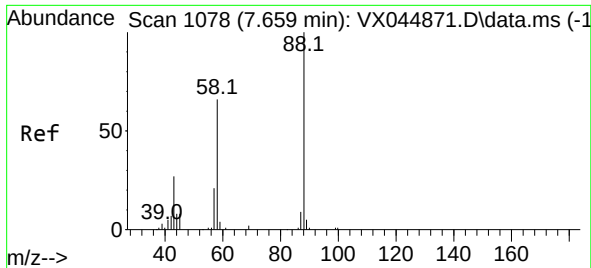


#48
Methyl methacrylate
Concen: 22.806 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47



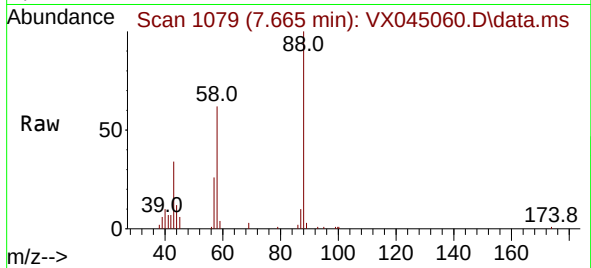
Tgt Ion: 41 Resp: 33507
Ion Ratio Lower Upper
41 100
69 79.0 65.8 98.8
39 58.7 46.4 69.6





#49
1,4-Dioxane
Concen: 510.659 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

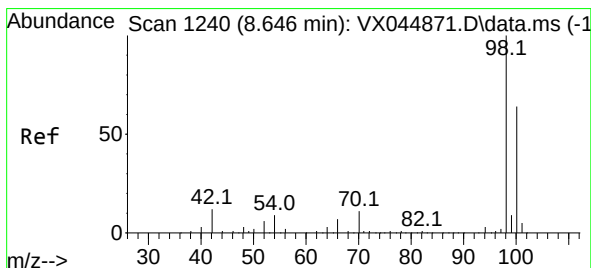
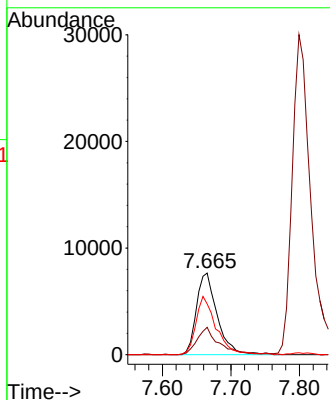
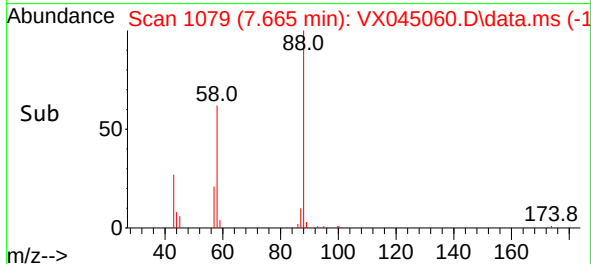
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



Tgt Ion: 88 Resp: 1609
Ion Ratio Lower Upper
88 100
43 35.4 26.6 39.8
58 69.6 55.9 83.9

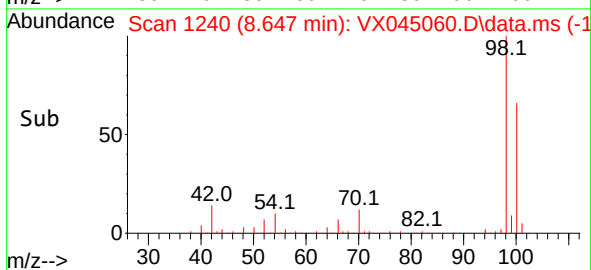
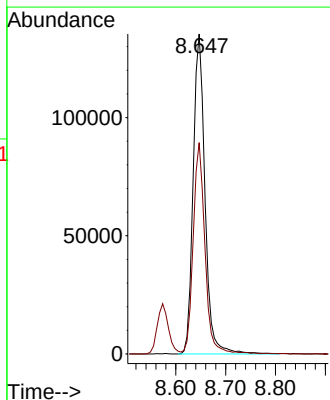
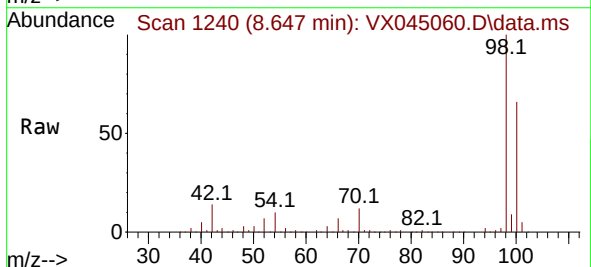
Manual Integrations
APPROVED

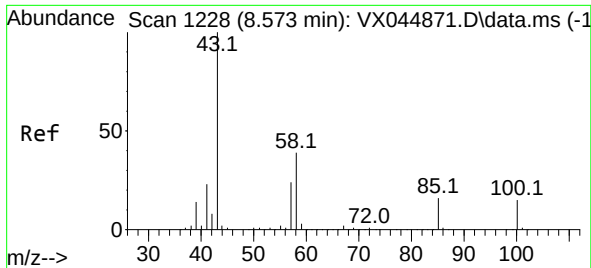
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#50
Toluene-d8
Concen: 49.146 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

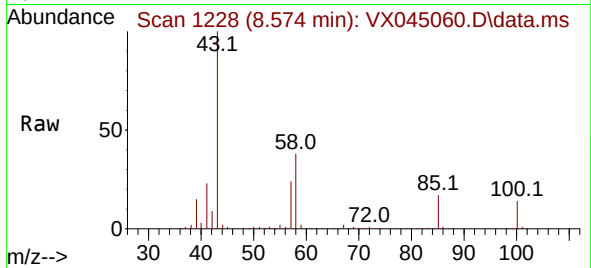
Tgt Ion: 98 Resp: 223461
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1





#51
4-Methyl-2-Pentanone
Concen: 127.110 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

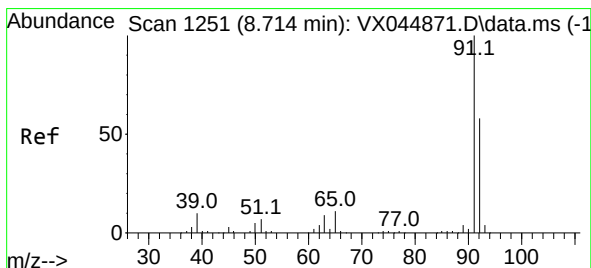
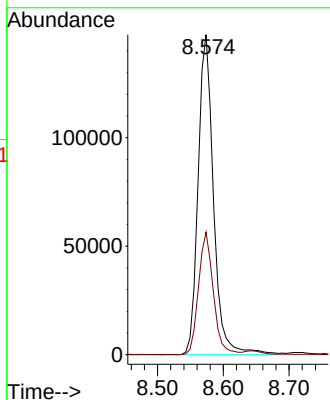
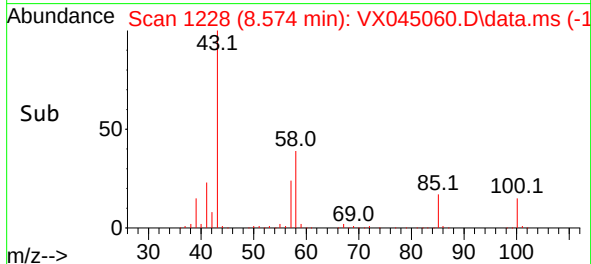
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



Tgt Ion: 43 Resp: 240789
Ion Ratio Lower Upper
43 100
58 36.7 30.8 46.2

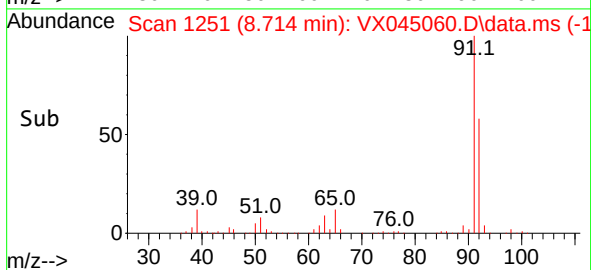
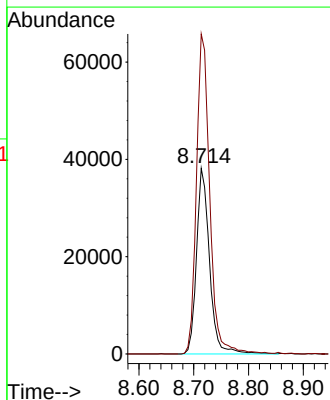
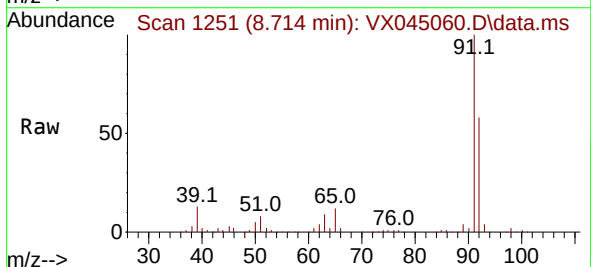
Manual Integrations
APPROVED

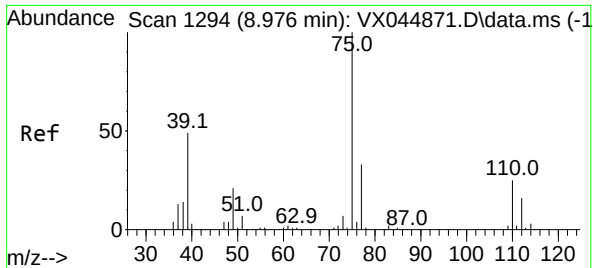
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#52
Toluene
Concen: 19.612 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

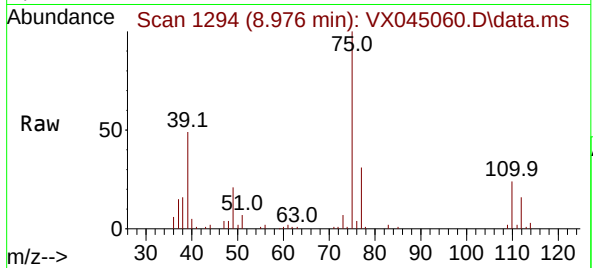
Tgt Ion: 92 Resp: 63271
Ion Ratio Lower Upper
92 100
91 175.6 137.4 206.2





#53
t-1,3-Dichloropropene
Concen: 18.104 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

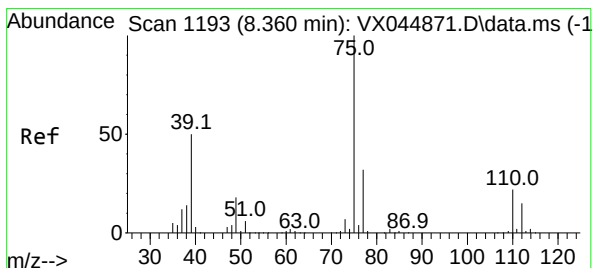
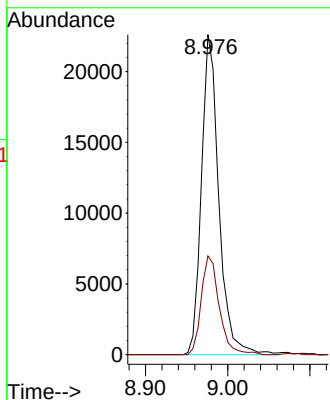
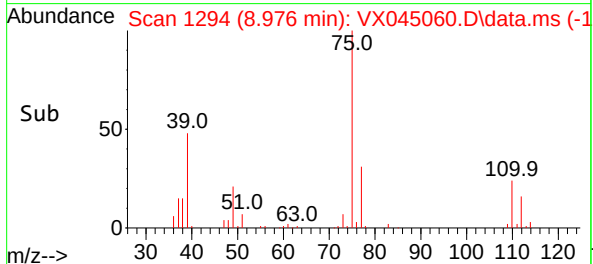
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



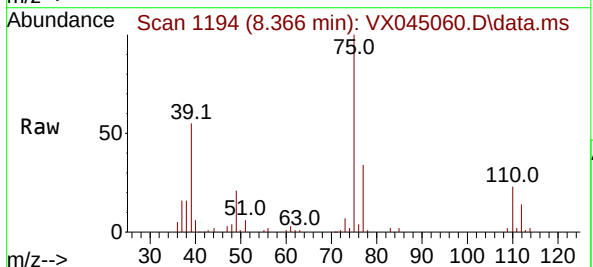
Tgt Ion: 75 Resp: 33154
Ion Ratio Lower Upper
75 100
77 30.8 26.0 39.0

Manual Integrations
APPROVED

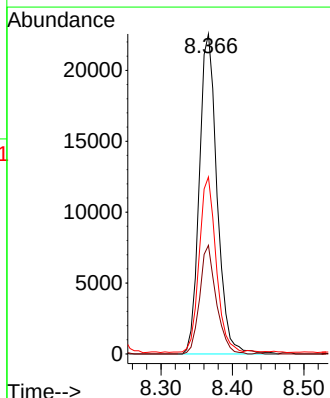
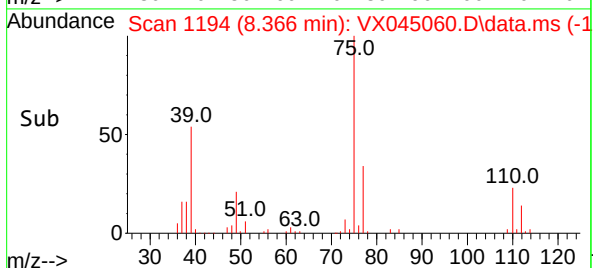
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

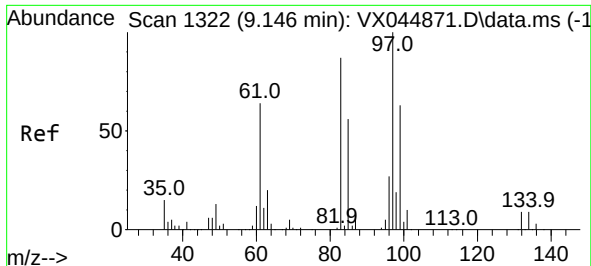


#54
cis-1,3-Dichloropropene
Concen: 19.028 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47



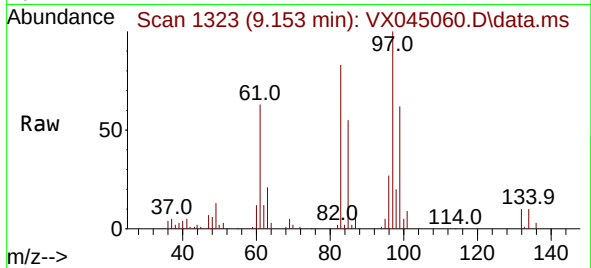
Tgt Ion: 75 Resp: 38853
Ion Ratio Lower Upper
75 100
77 33.9 25.3 37.9
39 54.7 40.0 60.0





#55
1,1,2-Trichloroethane
Concen: 21.154 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

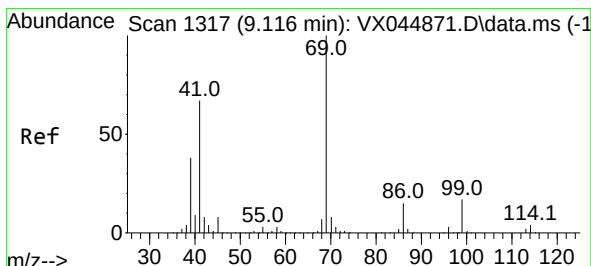
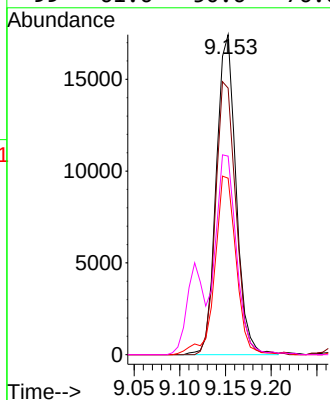
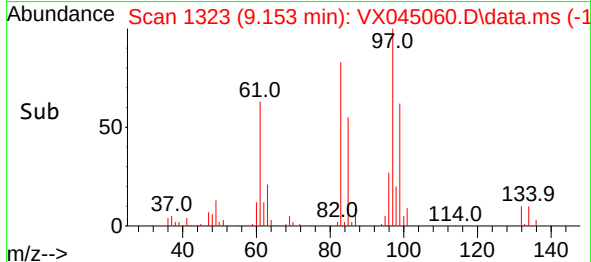
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



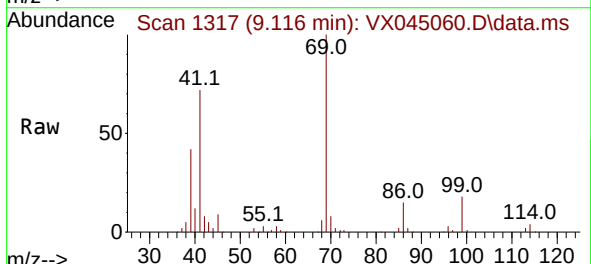
Tgt Ion: 97 Resp: 2623
Ion Ratio Lower Upper
97 100
83 83.3 69.8 104.6
85 54.9 44.8 67.2
99 61.6 50.6 76.0

Manual Integrations
APPROVED

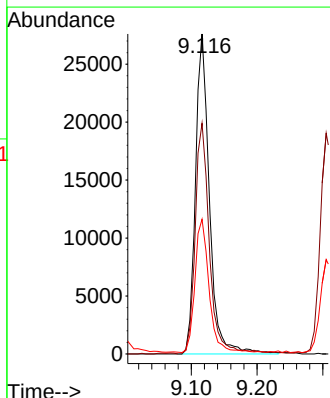
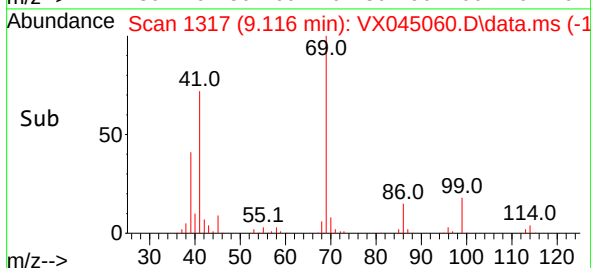
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

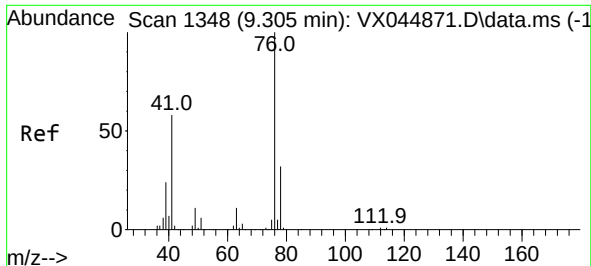


#56
Ethyl methacrylate
Concen: 20.353 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47



Tgt Ion: 69 Resp: 40767
Ion Ratio Lower Upper
69 100
41 74.2 55.2 82.8
39 42.2 30.8 46.2





#57

1,3-Dichloropropane

Concen: 21.170 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045060.D

Acq: 27 Feb 2025 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tgt Ion: 76 Resp: 45938

Ion Ratio Lower Upper

76 100

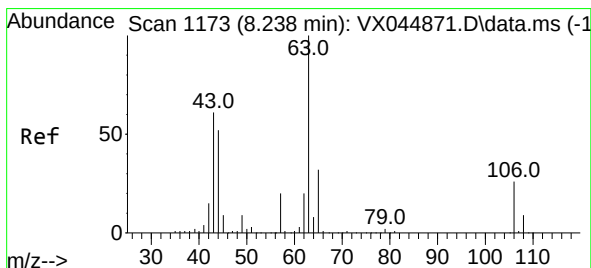
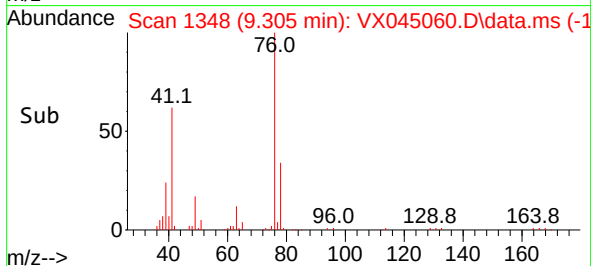
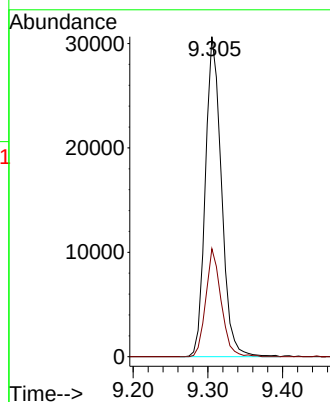
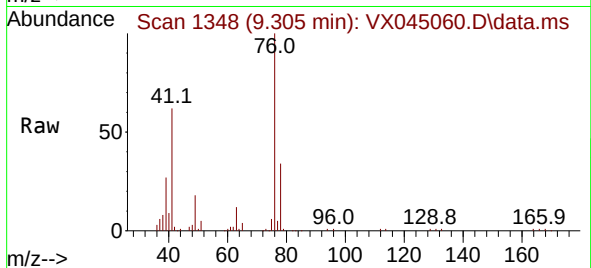
78 32.2 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#58

2-Chloroethyl Vinyl ether

Concen: 108.504 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045060.D

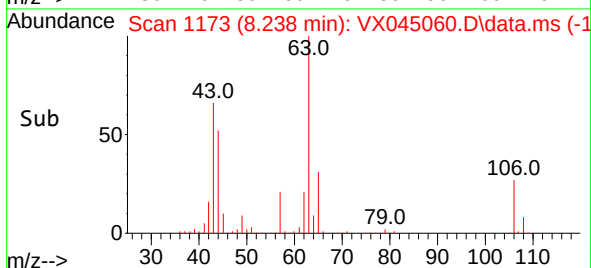
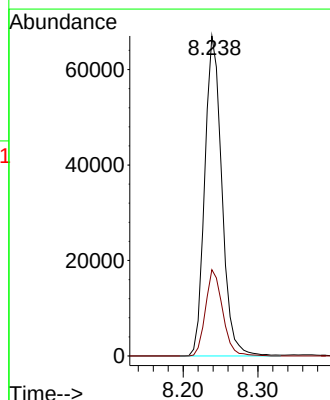
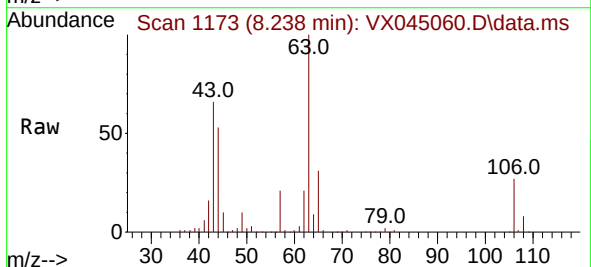
Acq: 27 Feb 2025 13:47

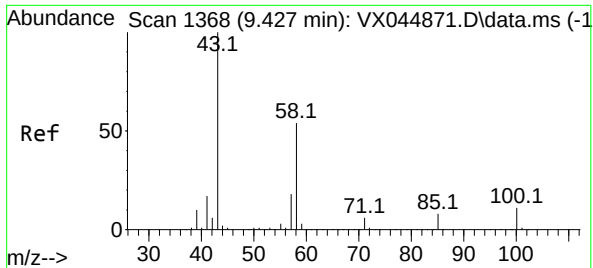
Tgt Ion: 63 Resp: 106713

Ion Ratio Lower Upper

63 100

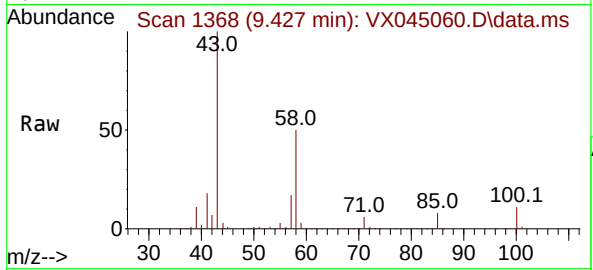
106 26.8 21.3 31.9





#59
2-Hexanone
Concen: 129.875 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

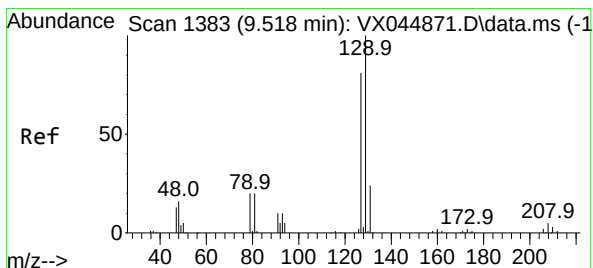
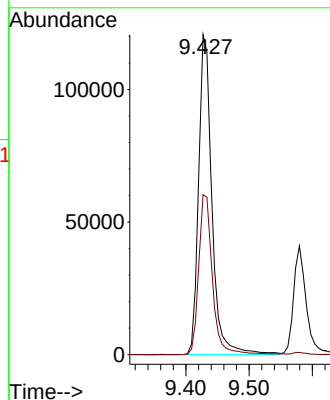
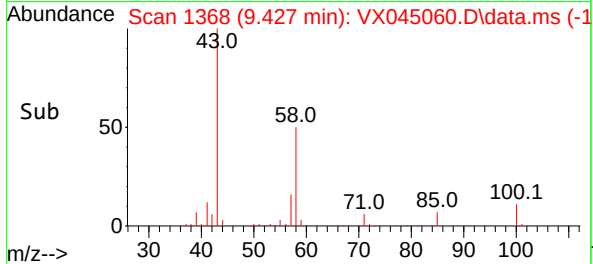
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



Tgt Ion: 43 Resp: 17726
Ion Ratio Lower Upper
43 100
58 51.8 27.5 82.4

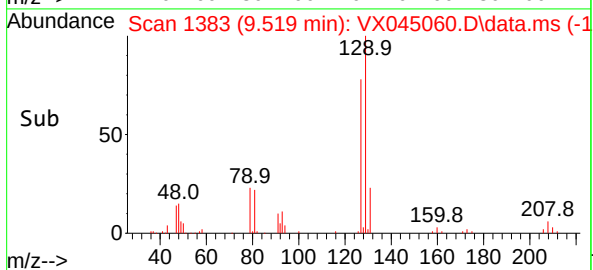
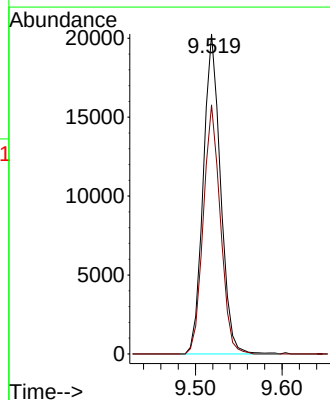
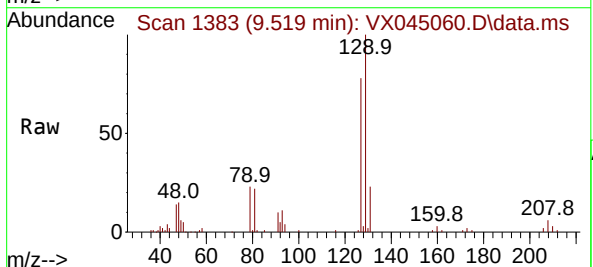
Manual Integrations
APPROVED

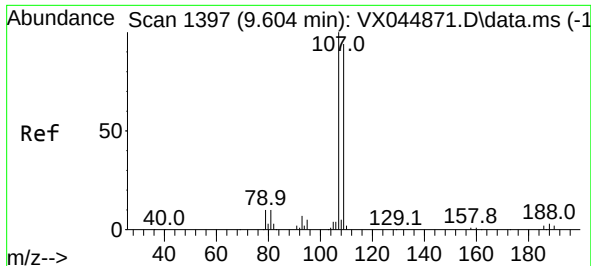
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#60
Dibromochloromethane
Concen: 21.205 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

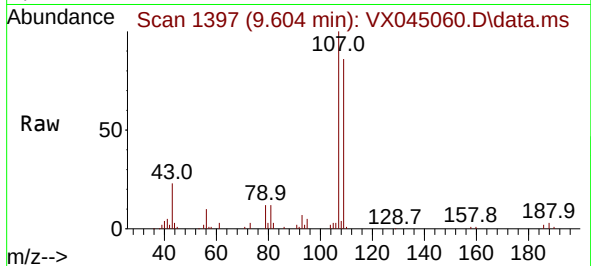
Tgt Ion:129 Resp: 28125
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.3





#61
1,2-Dibromoethane
Concen: 20.944 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

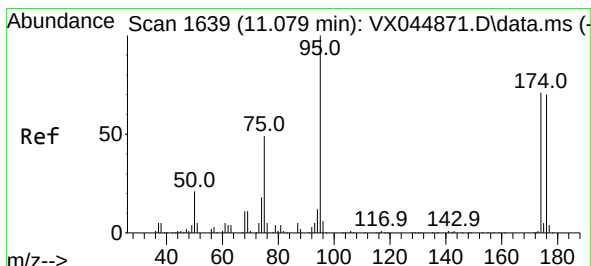
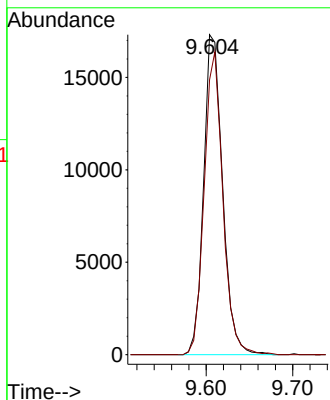
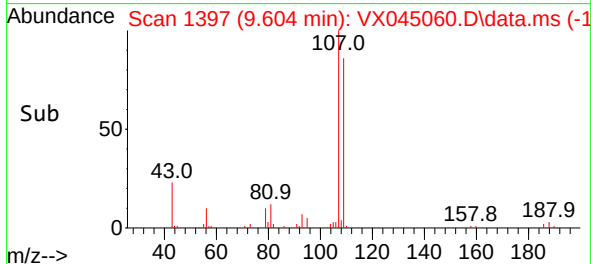
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



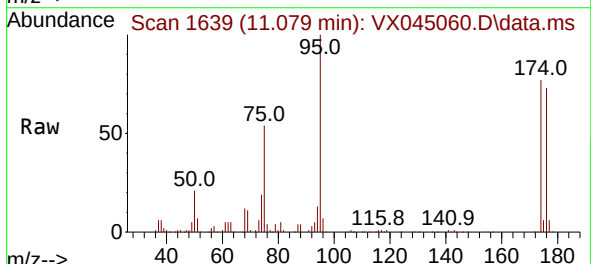
Tgt Ion:107 Resp: 26320
Ion Ratio Lower Upper
107 100
109 93.4 75.9 113.9

Manual Integrations
APPROVED

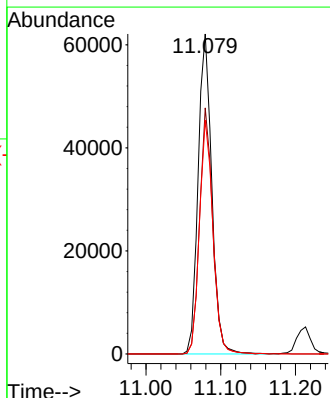
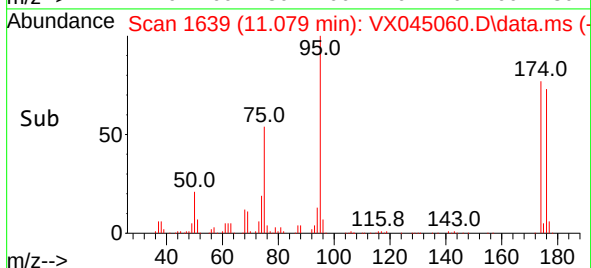
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

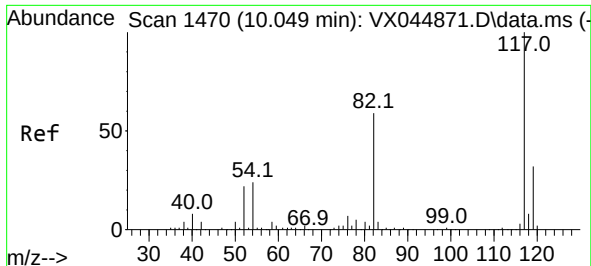


#62
4-Bromofluorobenzene
Concen: 51.493 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47



Tgt Ion: 95 Resp: 78932
Ion Ratio Lower Upper
95 100
174 73.7 0.0 142.6
176 72.3 0.0 141.6





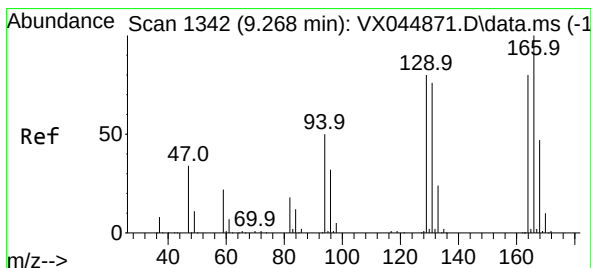
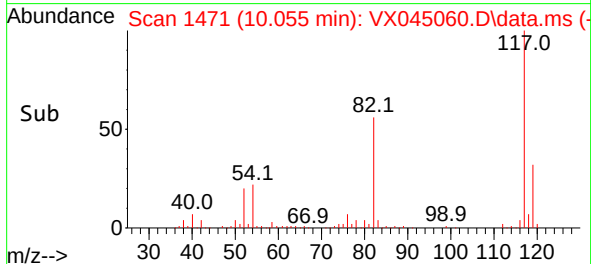
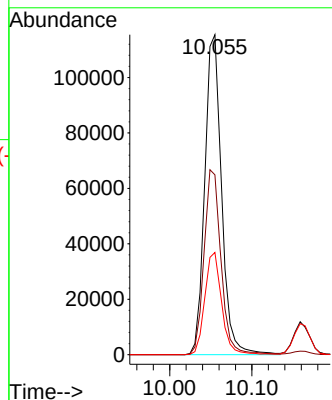
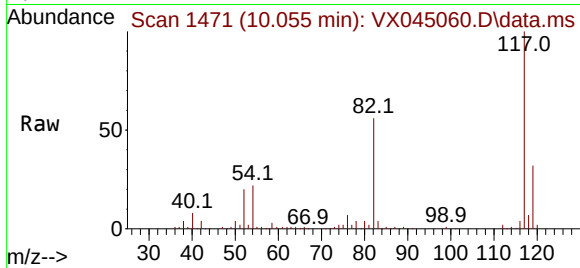
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tgt Ion:117 Resp: 16448
Ion Ratio Lower Upper
117 100
82 56.2 47.5 71.3
119 32.0 25.4 38.0

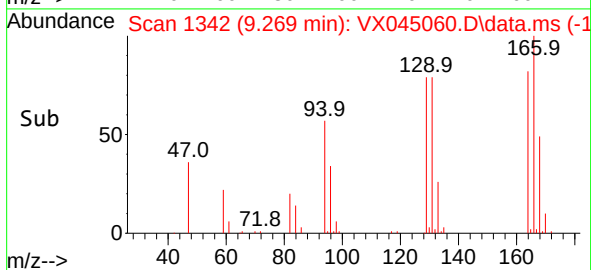
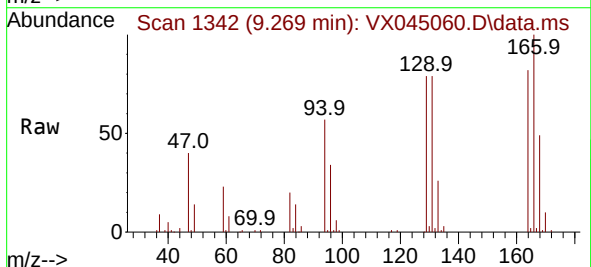
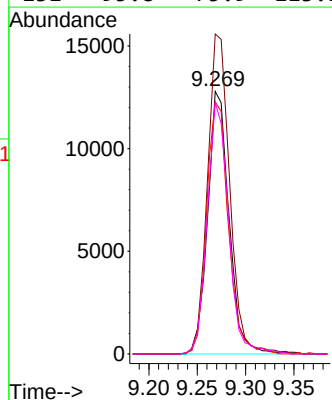
Manual Integrations
APPROVED

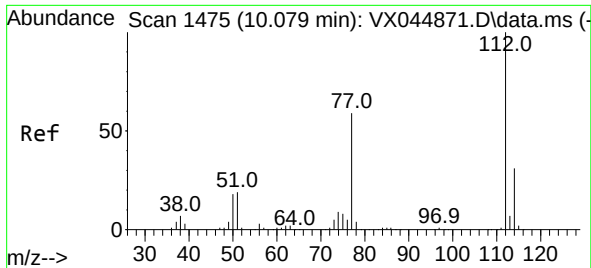
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#64
Tetrachloroethene
Concen: 18.941 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

Tgt Ion:164 Resp: 19648
Ion Ratio Lower Upper
164 100
166 121.8 100.4 150.6
129 96.0 79.9 119.9
131 95.8 75.9 113.9





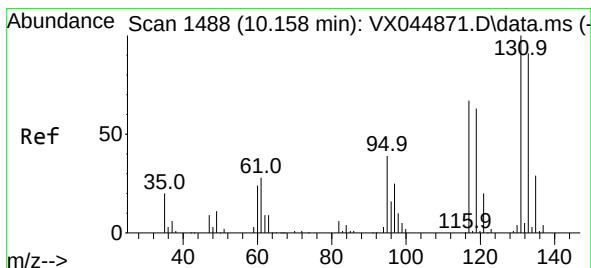
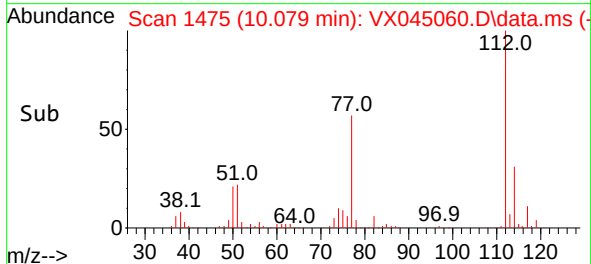
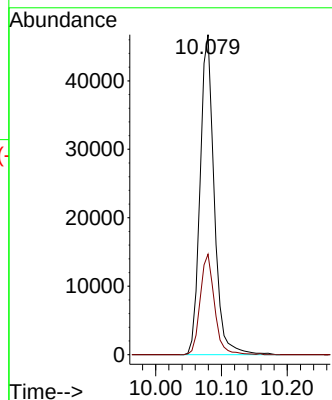
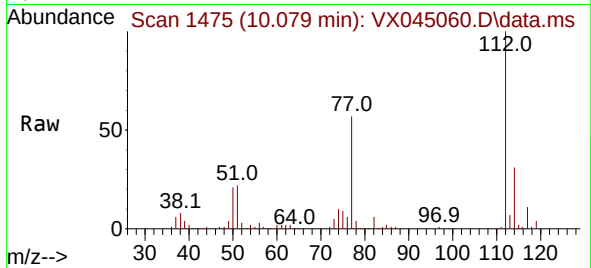
#65
Chlorobenzene
Concen: 19.736 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tgt Ion:112 Resp: 6972
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.6

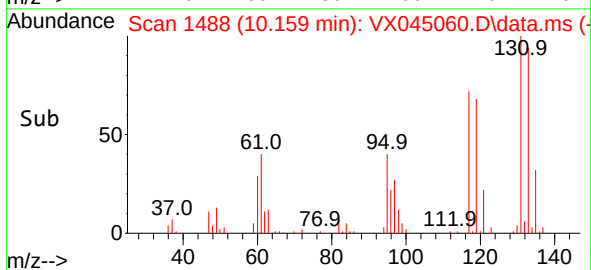
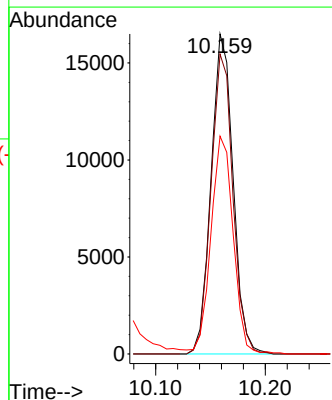
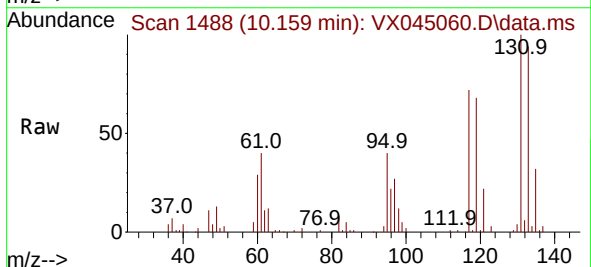
Manual Integrations
APPROVED

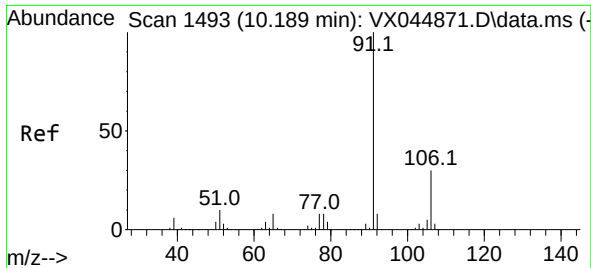
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.222 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

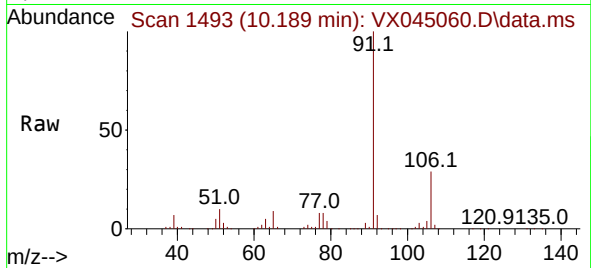
Tgt Ion:131 Resp: 22995
Ion Ratio Lower Upper
131 100
133 93.3 47.1 141.3
119 68.9 33.6 100.6





#67
Ethyl Benzene
Concen: 19.356 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

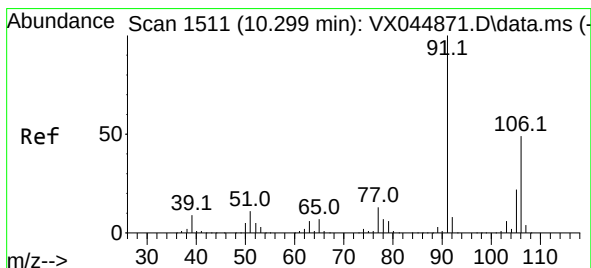
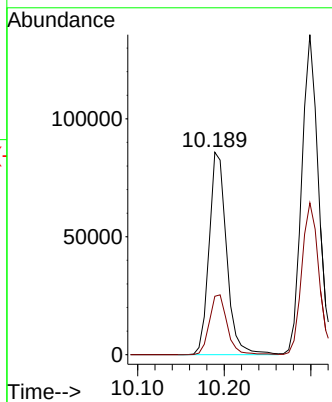
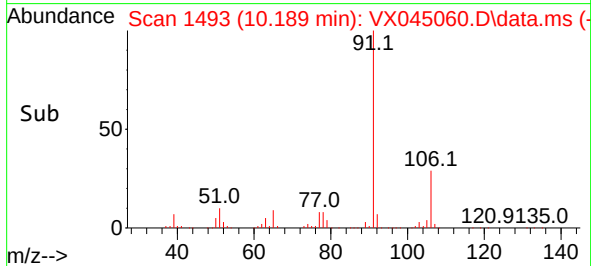
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



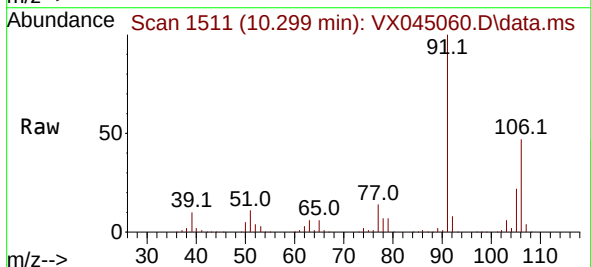
Tgt Ion: 91 Resp: 120675
Ion Ratio Lower Upper
91 100
106 28.9 23.9 35.9

Manual Integrations
APPROVED

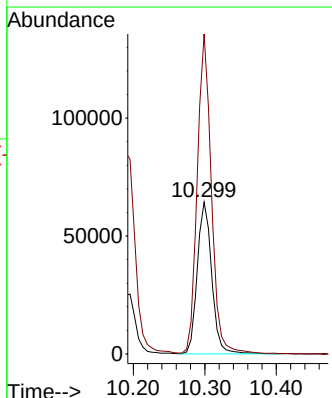
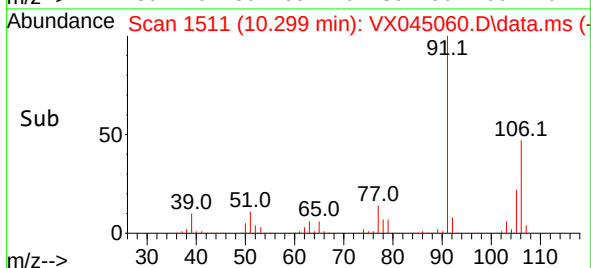
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

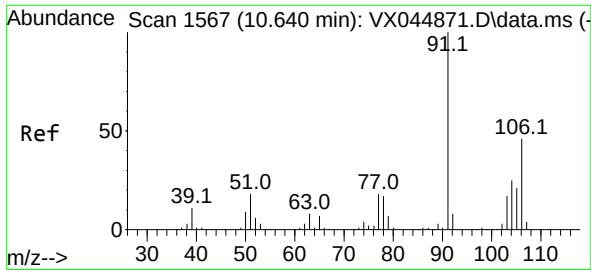


#68
m/p-Xylenes
Concen: 39.231 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47



Tgt Ion:106 Resp: 90223
Ion Ratio Lower Upper
106 100
91 206.4 164.3 246.5





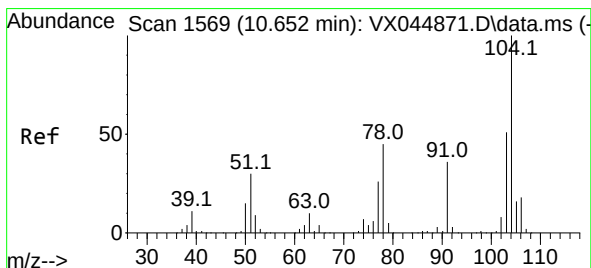
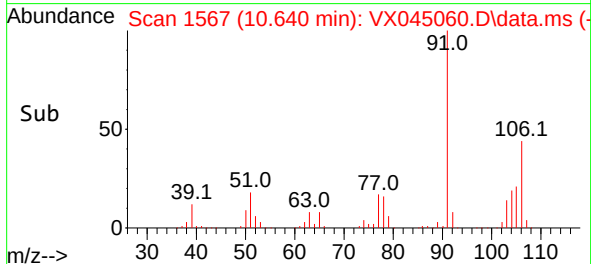
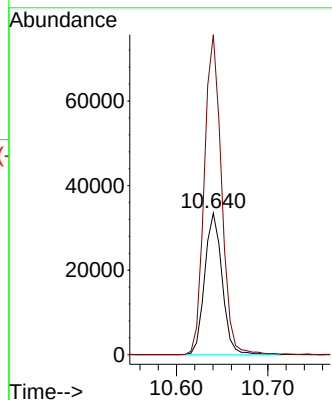
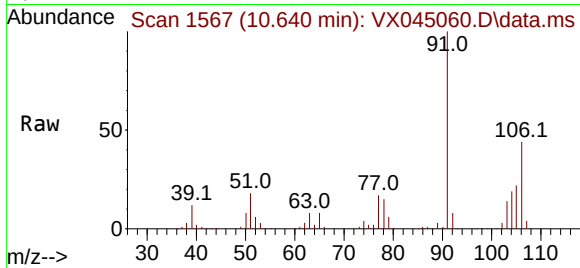
#69
o-Xylene
Concen: 19.203 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tgt Ion:106 Resp: 44315
Ion Ratio Lower Upper
106 100
91 223.5 108.5 325.5

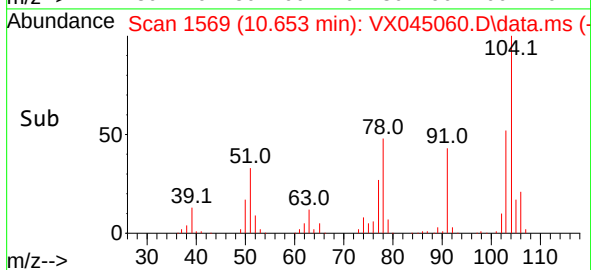
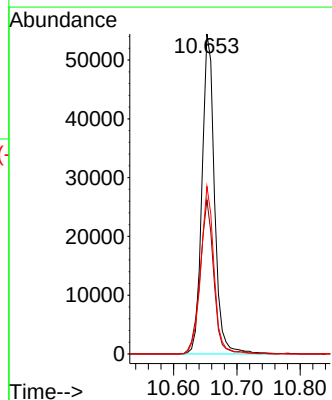
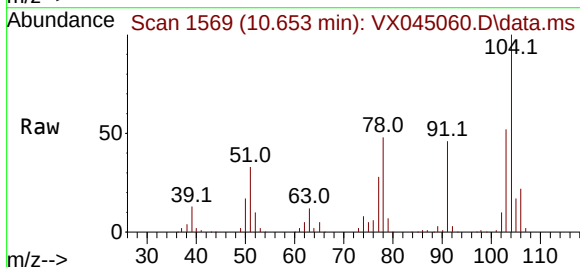
Manual Integrations
APPROVED

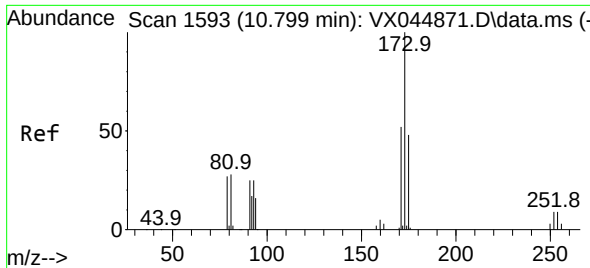
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#70
Styrene
Concen: 20.306 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

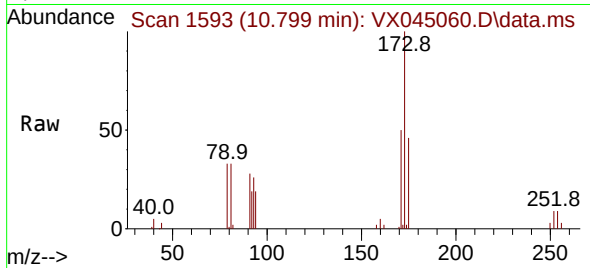
Tgt Ion:104 Resp: 75497
Ion Ratio Lower Upper
104 100
78 52.4 40.5 60.7
103 55.2 43.6 65.4





#71
Bromoform
Concen: 21.666 ug/l
RT: 10.799 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

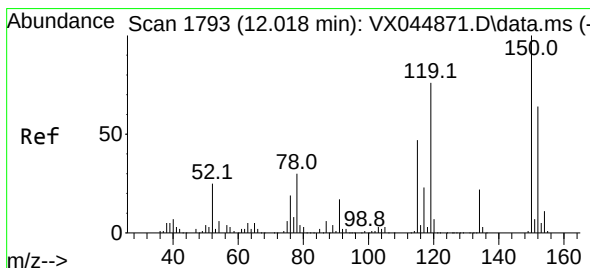
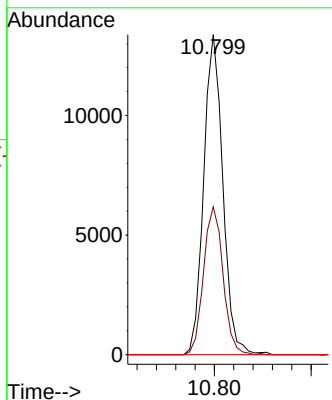
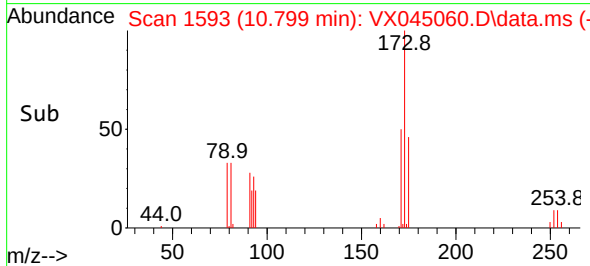
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



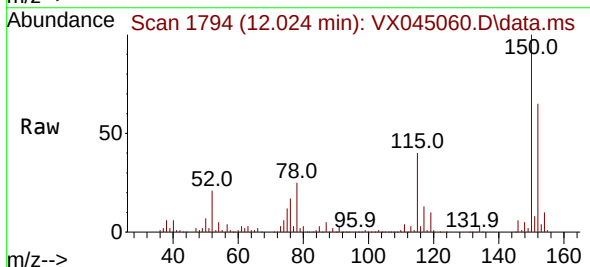
Tgt Ion:173 Resp: 1838
Ion Ratio Lower Upper
173 100
175 47.1 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

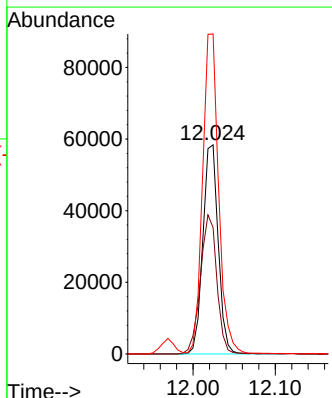
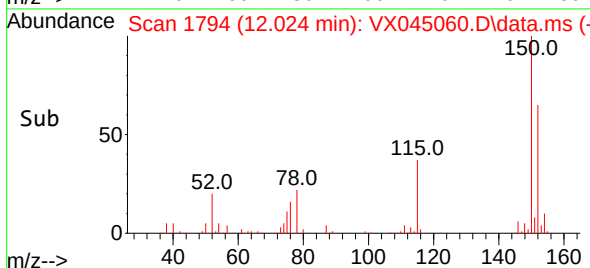
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

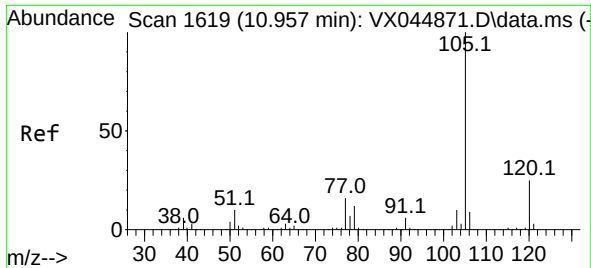


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47



Tgt Ion:152 Resp: 75726
Ion Ratio Lower Upper
152 100
115 71.1 43.4 130.1
150 160.6 0.0 350.4





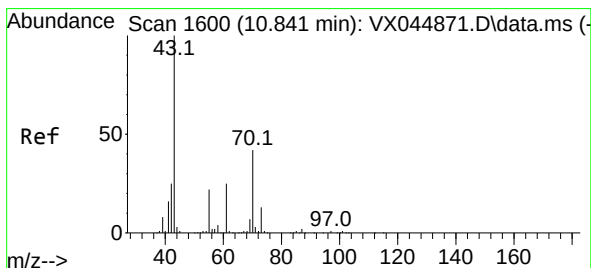
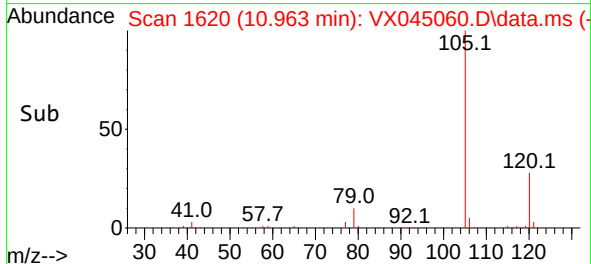
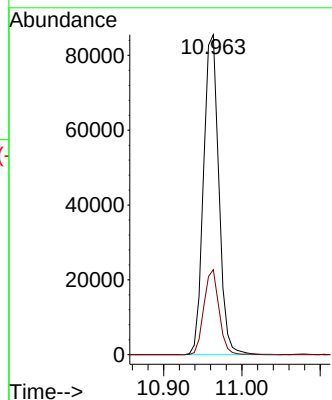
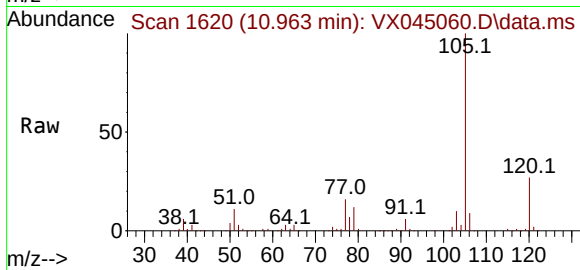
#73
Isopropylbenzene
Concen: 19.009 ug/l
RT: 10.963 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tgt Ion:105 Resp: 11590
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5

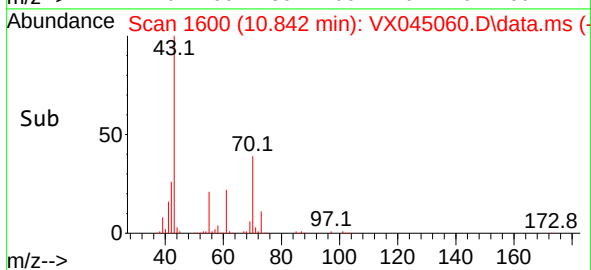
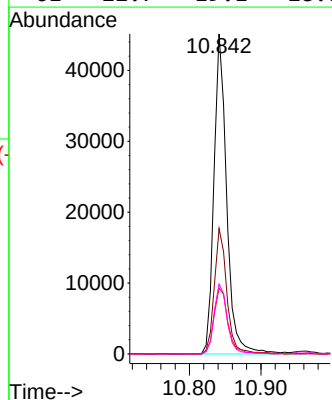
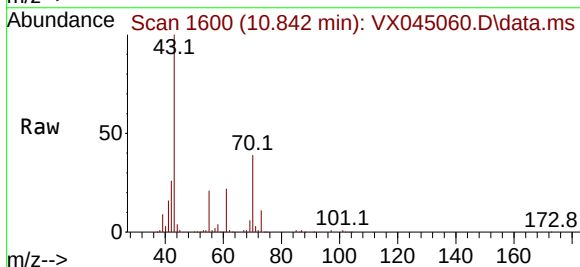
Manual Integrations
APPROVED

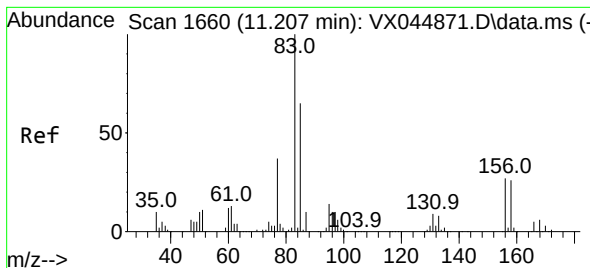
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#74
N-ethyl acetate
Concen: 20.198 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

Tgt Ion: 43 Resp: 55729
Ion Ratio Lower Upper
43 100
70 38.9 33.7 50.5
55 23.0 18.6 27.8
61 22.7 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.374 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.006 min

Lab File: VX045060.D

Acq: 27 Feb 2025 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tgt Ion: 83 Resp: 42689

Ion Ratio Lower Upper

83 100

131 9.3 4.5 13.5

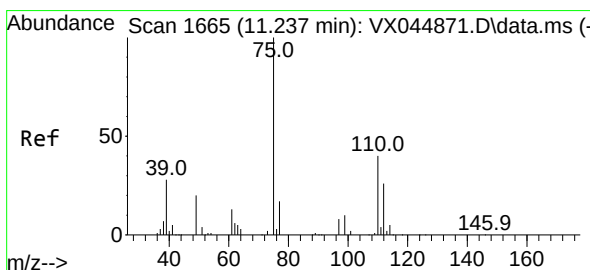
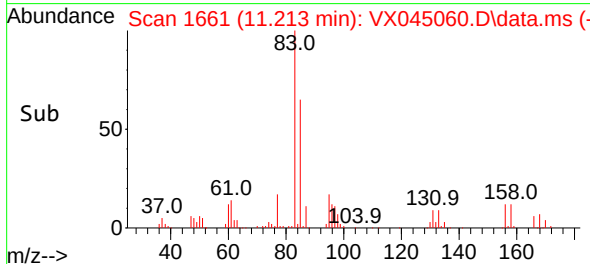
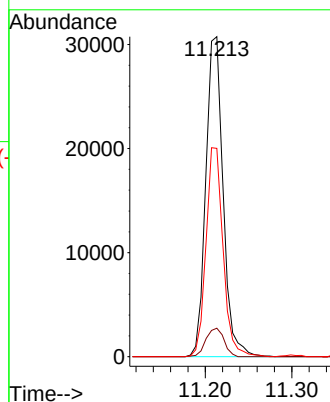
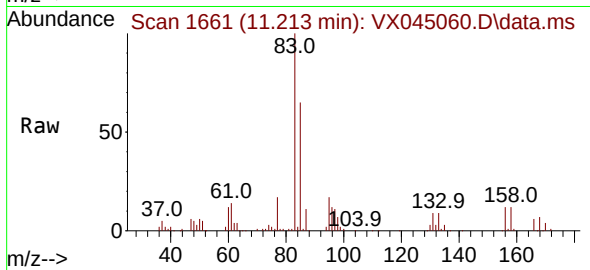
85 64.5 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#76

1,2,3-Trichloropropane

Concen: 20.374 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX045060.D

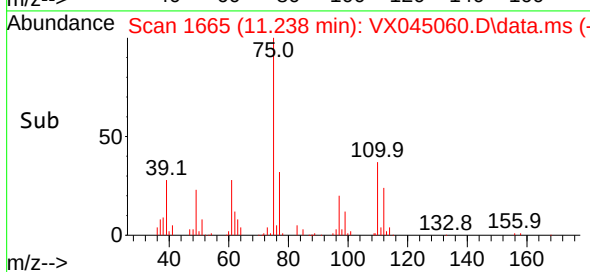
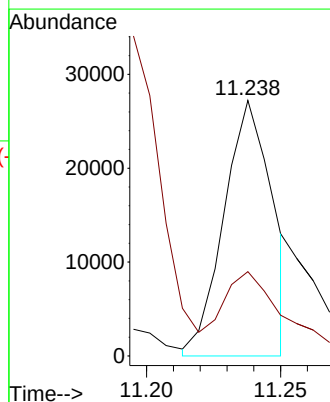
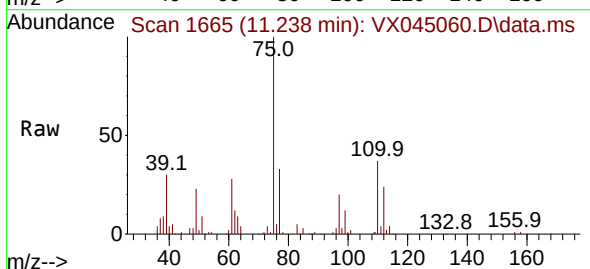
Acq: 27 Feb 2025 13:47

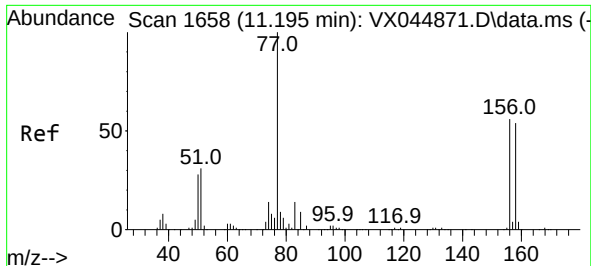
Tgt Ion: 75 Resp: 34207

Ion Ratio Lower Upper

75 100

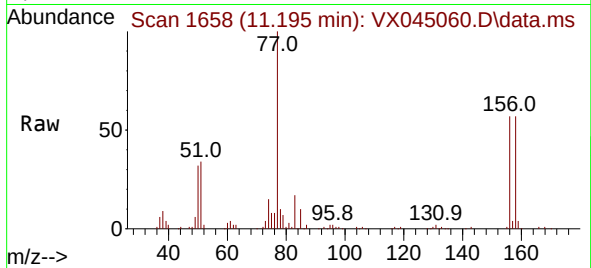
77 42.8 21.9 65.7





#77
Bromobenzene
Concen: 19.368 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

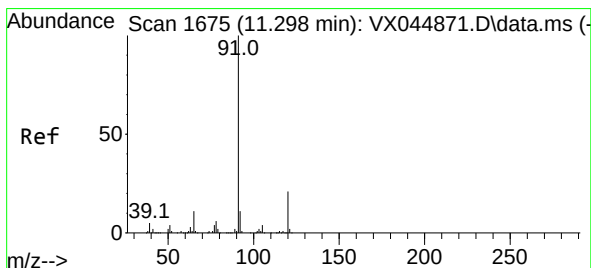
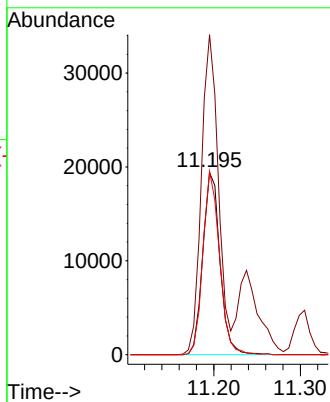
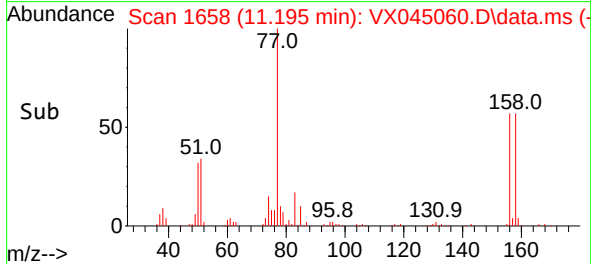
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



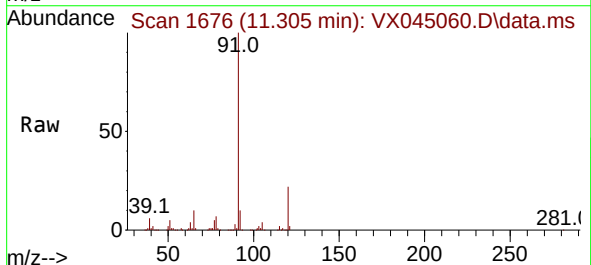
Tgt Ion:156 Resp: 26774
Ion Ratio Lower Upper
156 100
77 173.2 88.4 265.3
158 97.8 48.4 145.2

Manual Integrations
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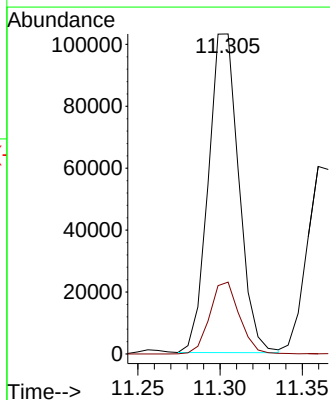
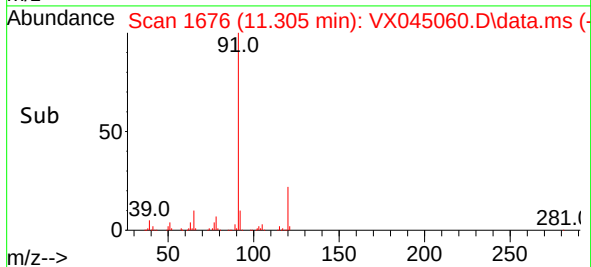
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

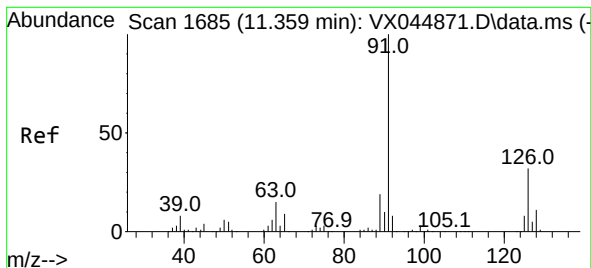


#78
n-propylbenzene
Concen: 18.881 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47



Tgt Ion: 91 Resp: 132884
Ion Ratio Lower Upper
91 100
120 22.0 11.1 33.3





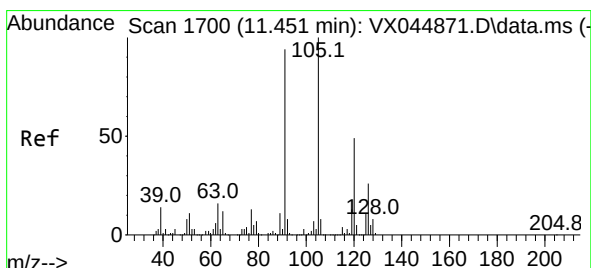
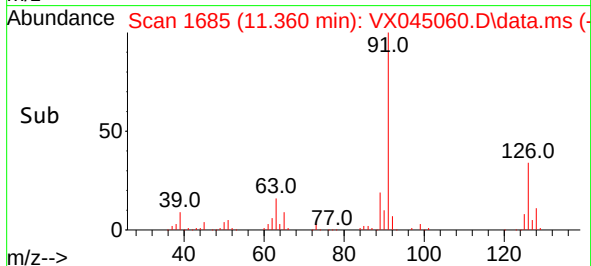
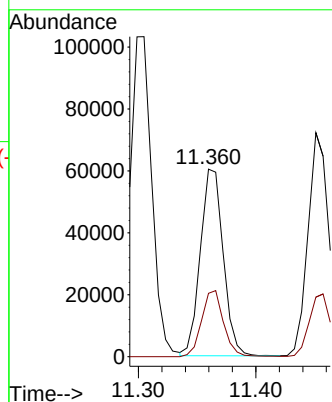
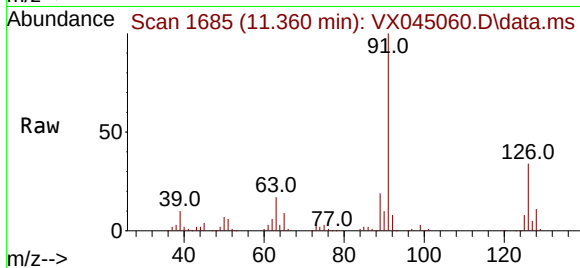
#79
2-Chlorotoluene
Concen: 18.884 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tgt Ion: 91 Resp: 81680
Ion Ratio Lower Upper
91 100
126 34.1 16.2 48.6

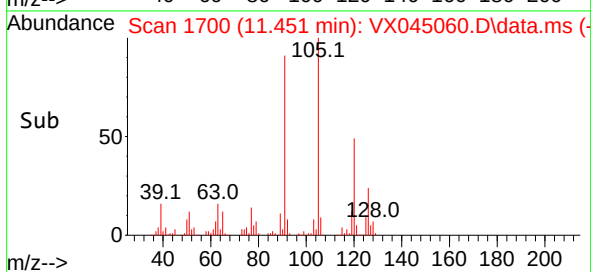
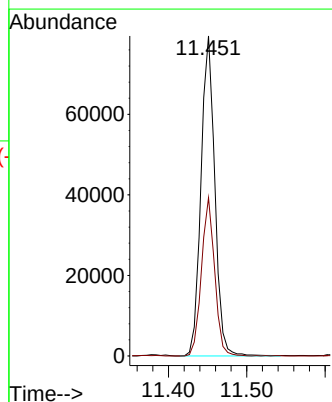
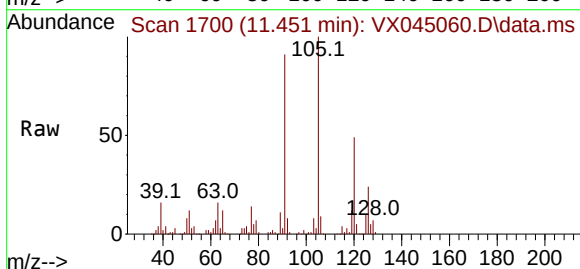
Manual Integrations
APPROVED

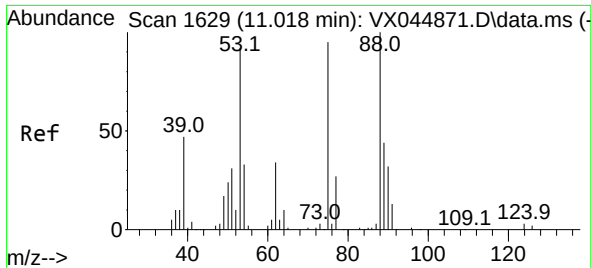
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.706 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

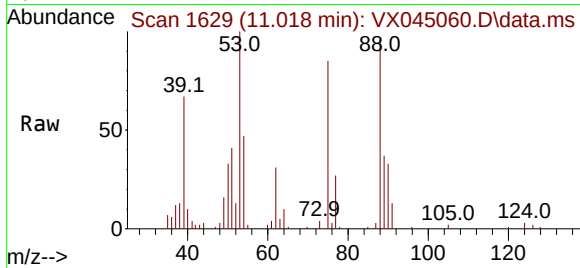
Tgt Ion:105 Resp: 97507
Ion Ratio Lower Upper
105 100
120 47.2 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 15.579 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

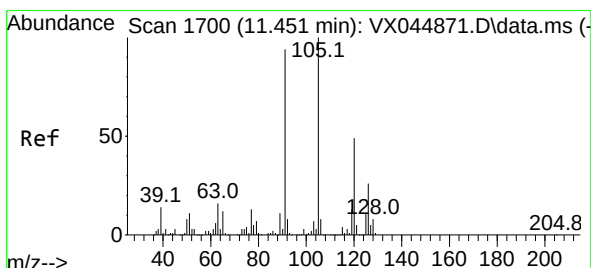
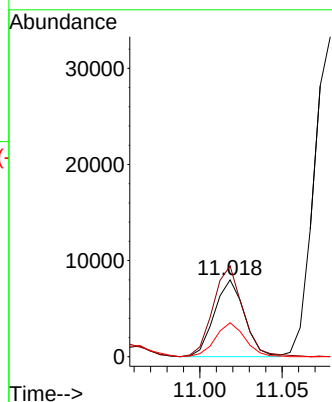
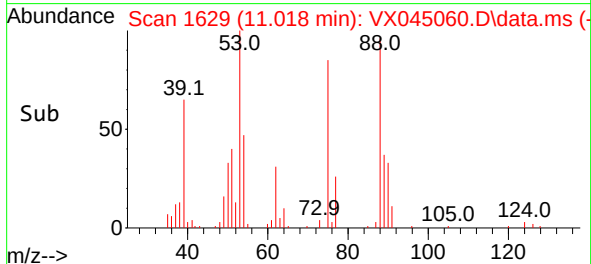
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



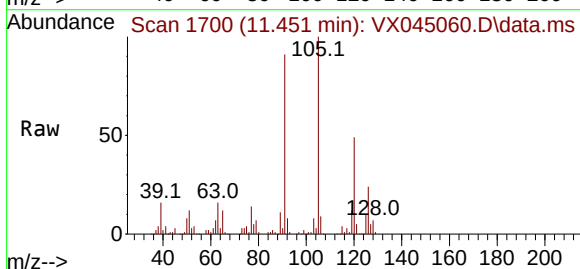
Tgt Ion: 75 Resp: 10168
Ion Ratio Lower Upper
75 100
53 117.1 78.0 117.0
89 43.4 36.6 54.8

Manual Integrations
APPROVED

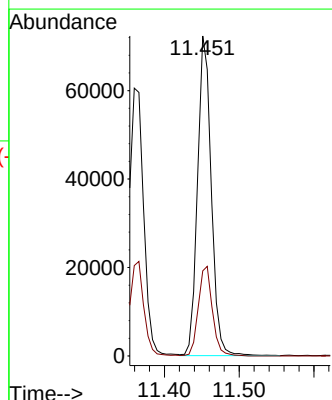
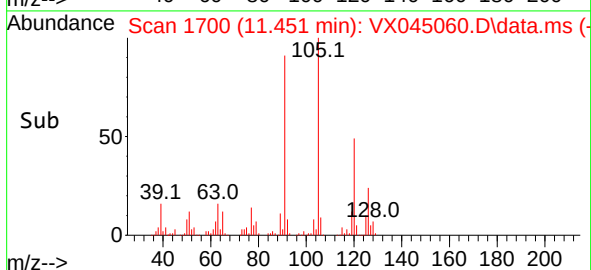
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

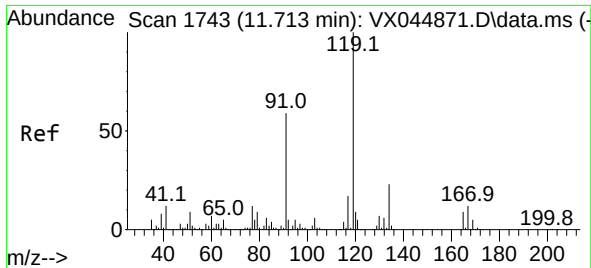


#82
4-Chlorotoluene
Concen: 19.243 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47



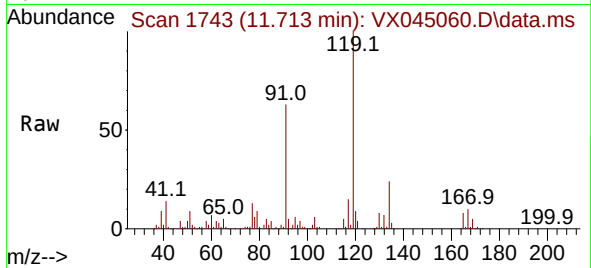
Tgt Ion: 91 Resp: 92083
Ion Ratio Lower Upper
91 100
126 28.7 14.2 42.6





#83
 tert-Butylbenzene
 Concen: 19.603 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX045060.D
 Acq: 27 Feb 2025 13:47

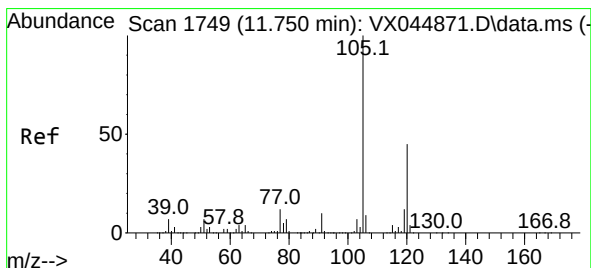
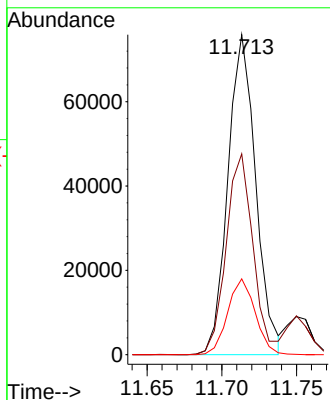
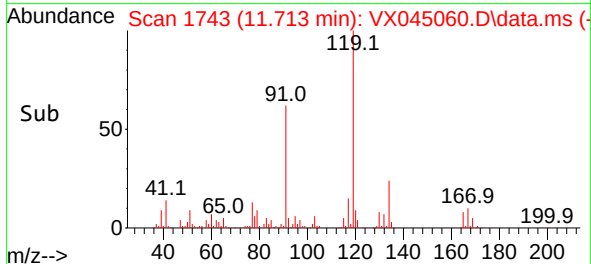
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS01



Tgt Ion:119 Resp: 9812
 Ion Ratio Lower Upper
 119 100
 91 60.9 29.1 87.4
 134 23.5 11.5 34.5

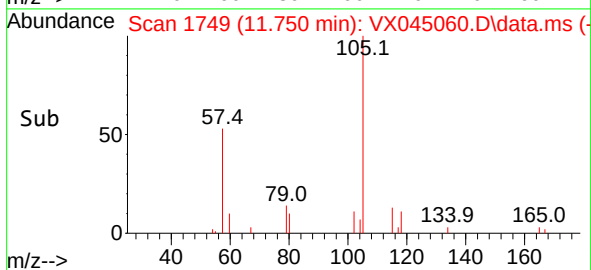
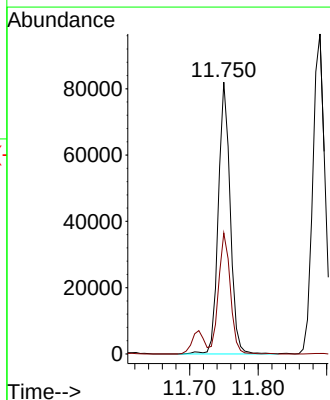
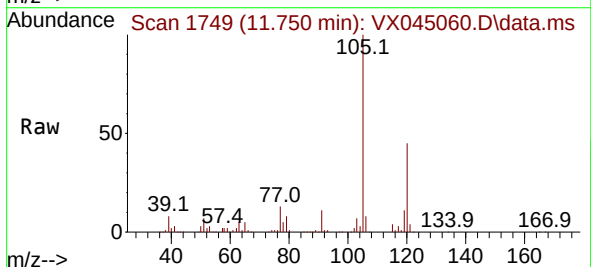
Manual Integrations
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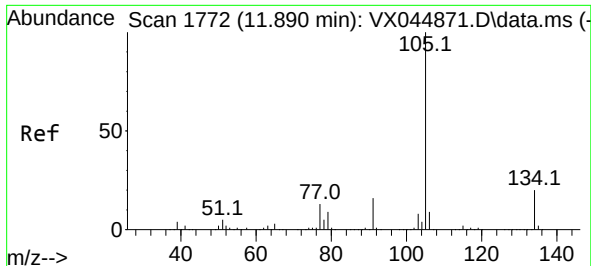
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 20.002 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX045060.D
 Acq: 27 Feb 2025 13:47

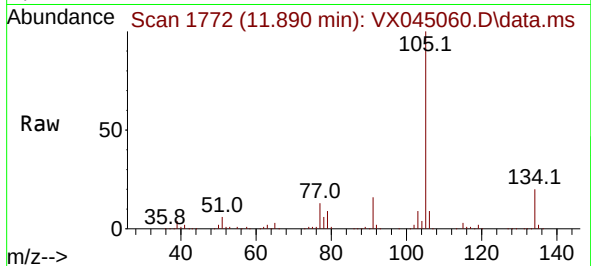
Tgt Ion:105 Resp: 97685
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 19.263 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045060.D
 Acq: 27 Feb 2025 13:47

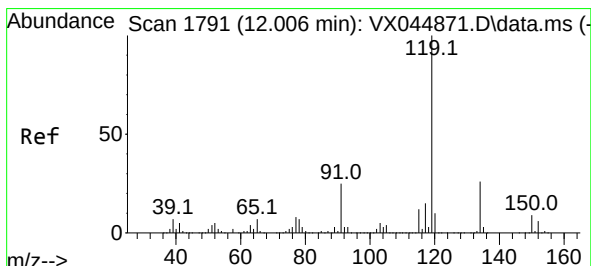
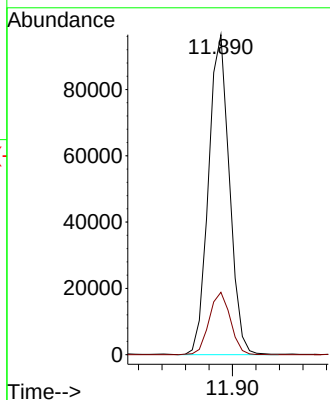
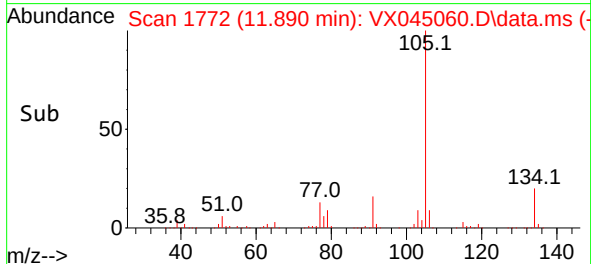
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS01



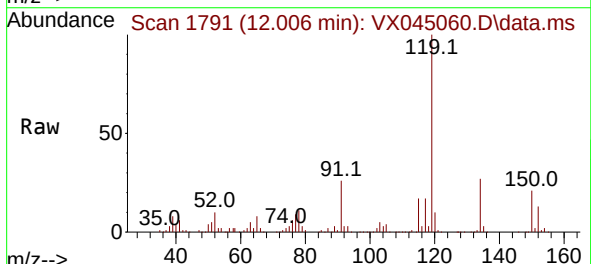
Tgt Ion:105 Resp: 11940
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

Manual Integrations
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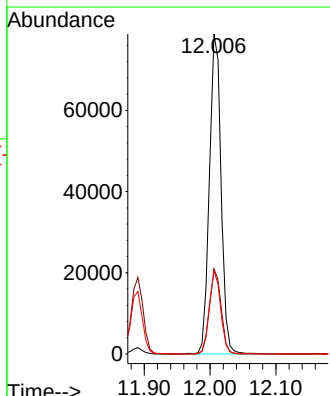
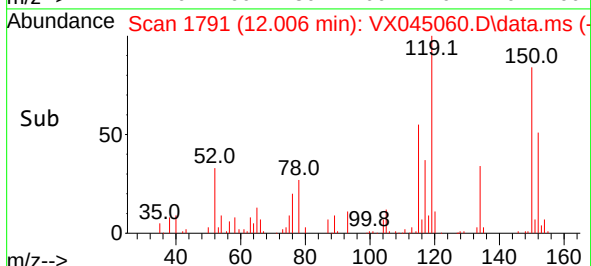
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025

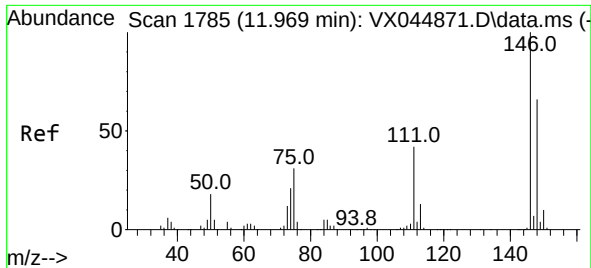


#86
 p-Isopropyltoluene
 Concen: 19.489 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045060.D
 Acq: 27 Feb 2025 13:47



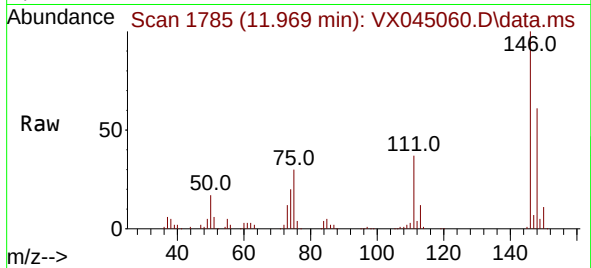
Tgt Ion:119 Resp: 97146
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 38.9
 91 25.6 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 19.359 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

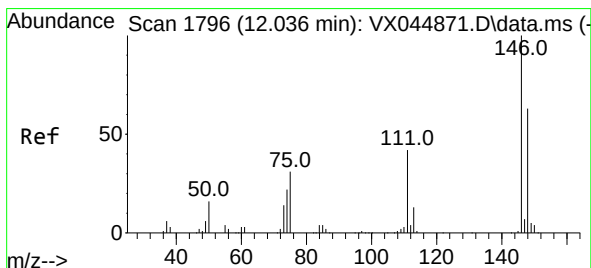
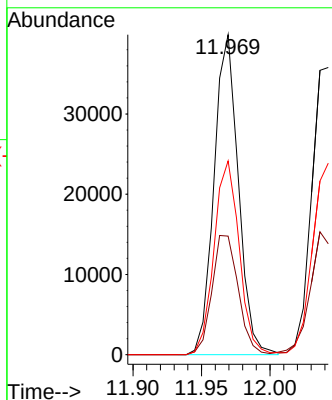
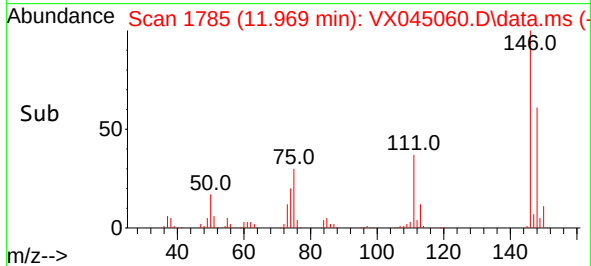
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



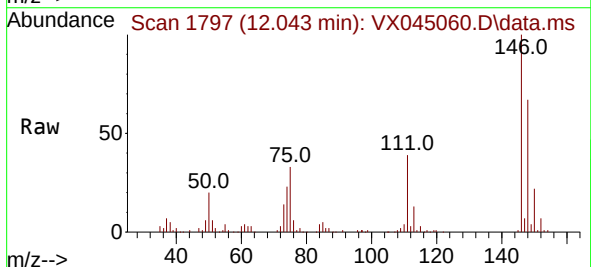
Tgt Ion:146 Resp: 4921
Ion Ratio Lower Upper
146 100
111 40.3 21.2 63.6
148 62.7 32.5 97.5

Manual Integrations
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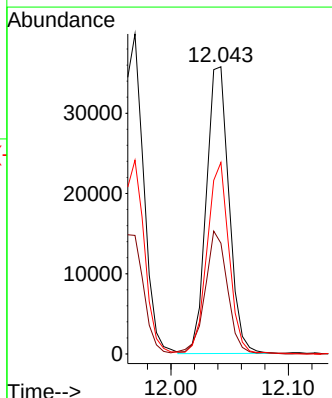
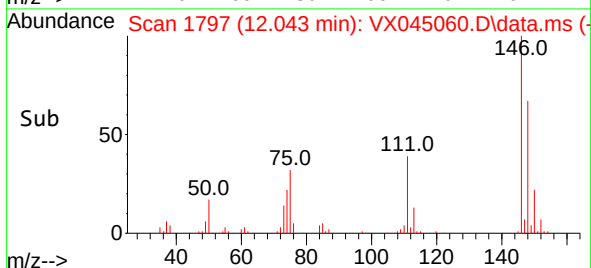
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

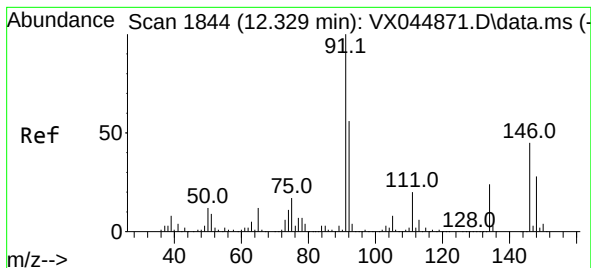


#88
1,4-Dichlorobenzene
Concen: 18.605 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47



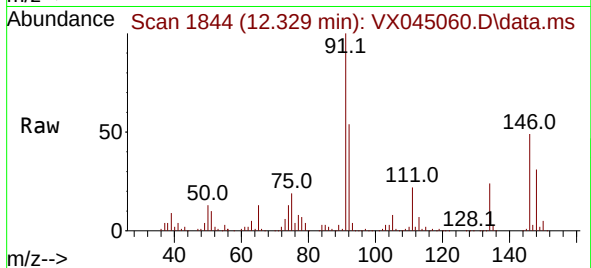
Tgt Ion:146 Resp: 47821
Ion Ratio Lower Upper
146 100
111 42.7 20.4 61.3
148 65.1 32.0 96.0





#89
n-Butylbenzene
Concen: 18.666 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

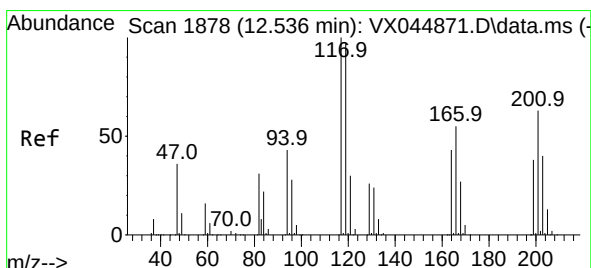
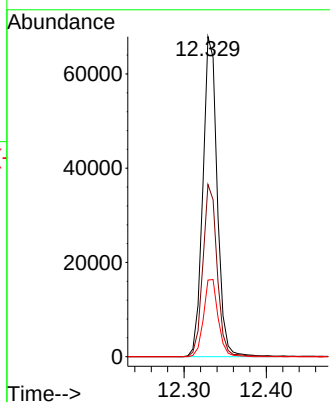
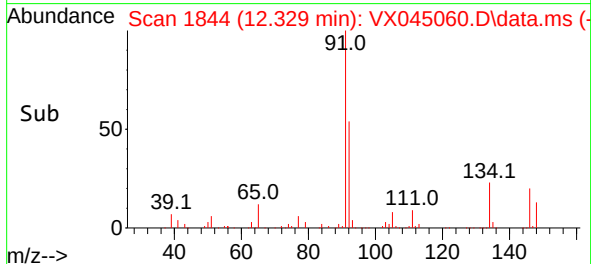
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



Tgt Ion: 91 Resp: 82314
Ion Ratio Lower Upper
91 100
92 53.5 27.2 81.6
134 24.5 12.1 36.3

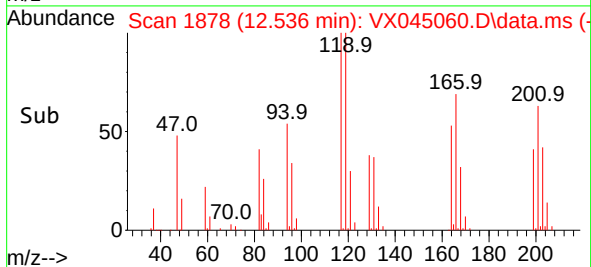
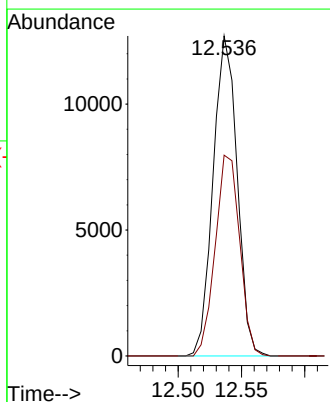
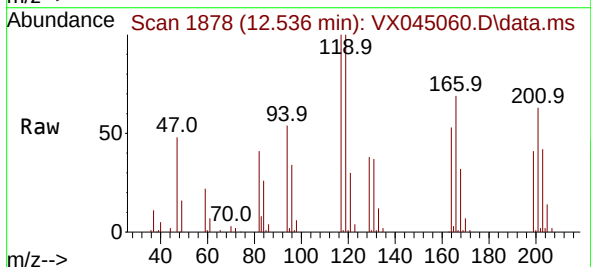
Manual Integrations
APPROVED

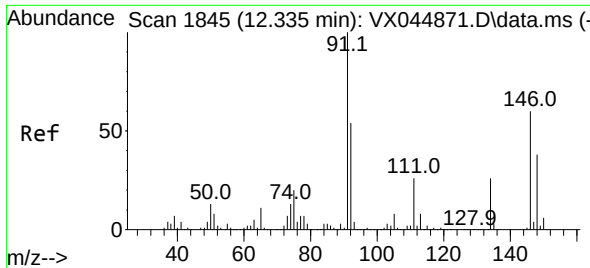
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#90
Hexachloroethane
Concen: 17.951 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

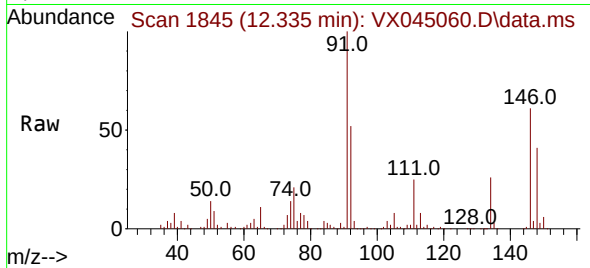
Tgt Ion:117 Resp: 16754
Ion Ratio Lower Upper
117 100
201 64.0 32.5 97.5





#91
1,2-Dichlorobenzene
Concen: 20.004 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

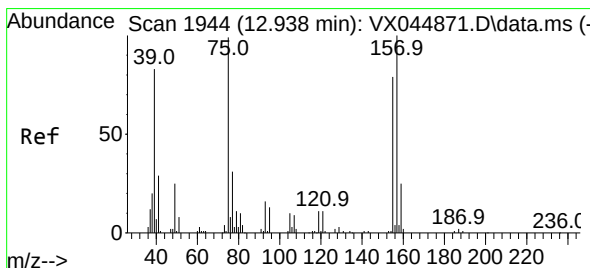
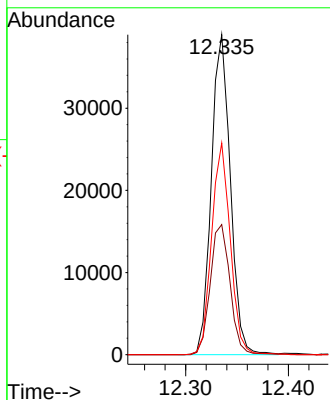
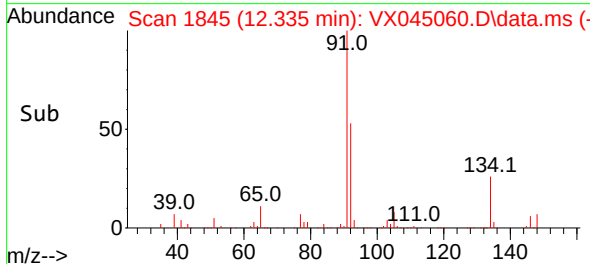
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



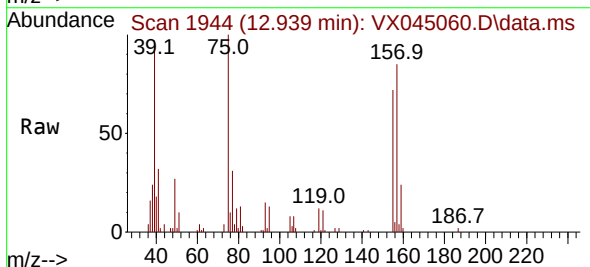
Tgt Ion:146 Resp: 49979
Ion Ratio Lower Upper
146 100
111 42.5 21.8 65.4
148 65.0 31.9 95.9

Manual Integrations
APPROVED

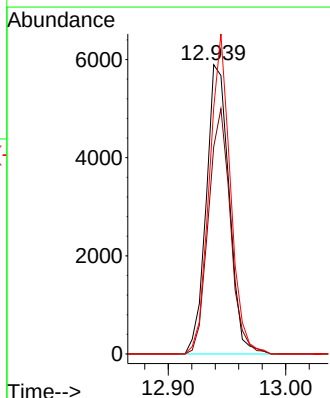
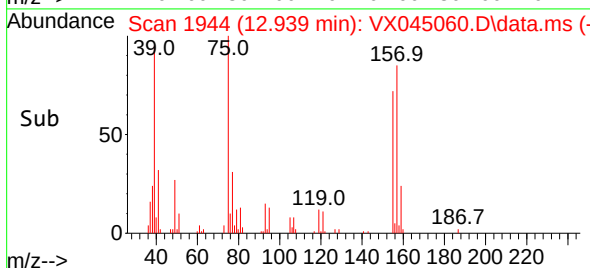
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

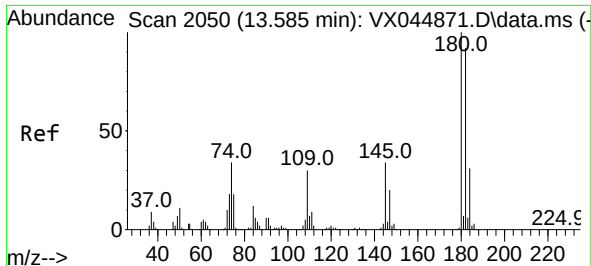


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.902 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47



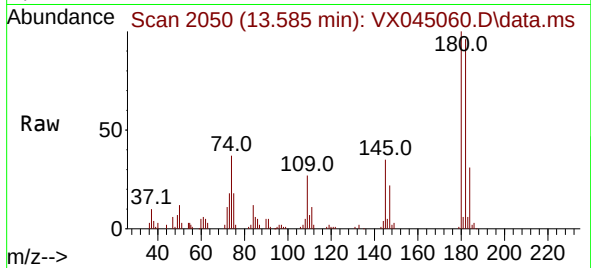
Tgt Ion: 75 Resp: 7993
Ion Ratio Lower Upper
75 100
155 81.3 40.5 121.4
157 101.3 51.4 154.3





#93
1,2,4-Trichlorobenzene
Concen: 18.145 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

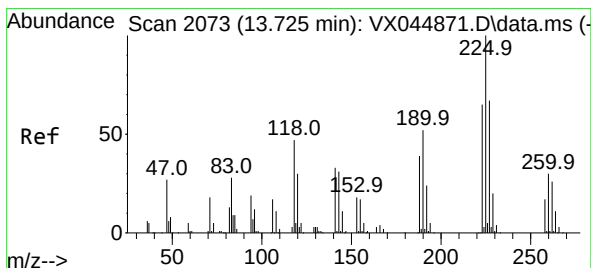
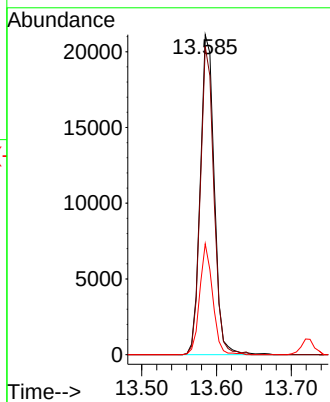
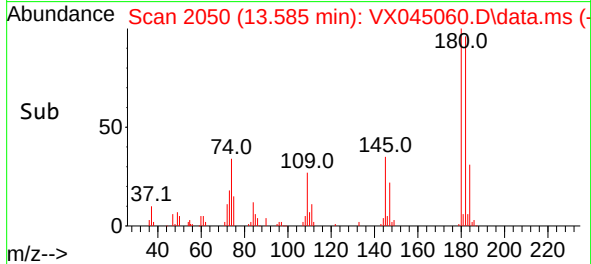
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



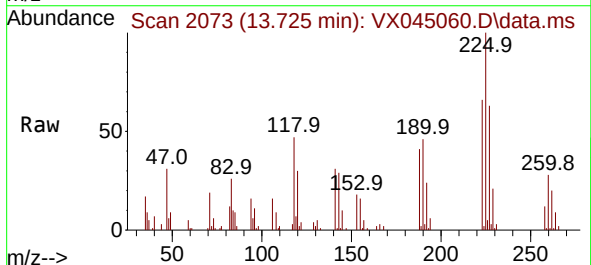
Tgt Ion:180 Resp: 2743
Ion Ratio Lower Upper
180 100
182 93.4 47.6 142.8
145 32.1 16.4 49.1

Manual Integrations
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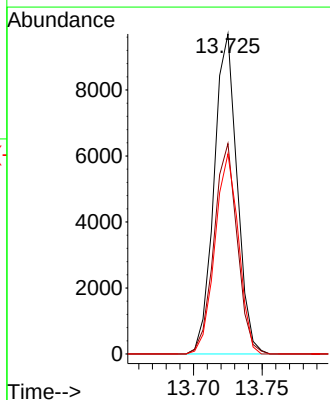
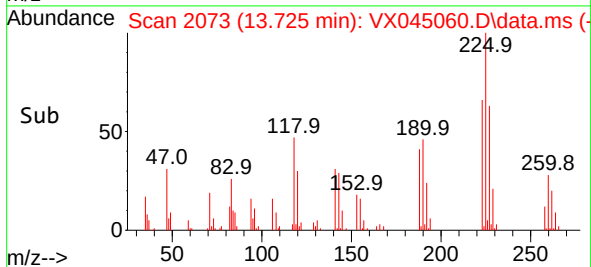
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

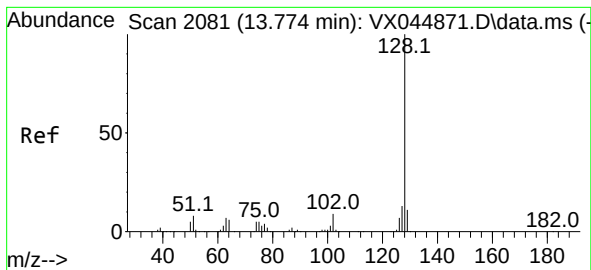


#94
Hexachlorobutadiene
Concen: 18.882 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47



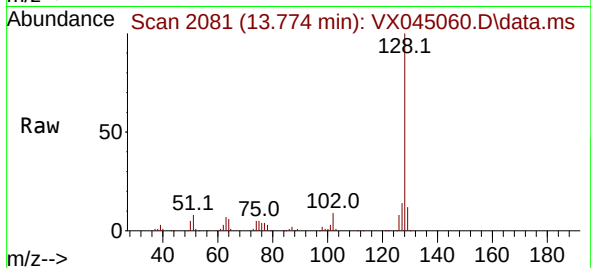
Tgt Ion:225 Resp: 11332
Ion Ratio Lower Upper
225 100
223 66.4 31.4 94.2
227 63.8 32.3 96.8





#95
Naphthalene
Concen: 19.317 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47

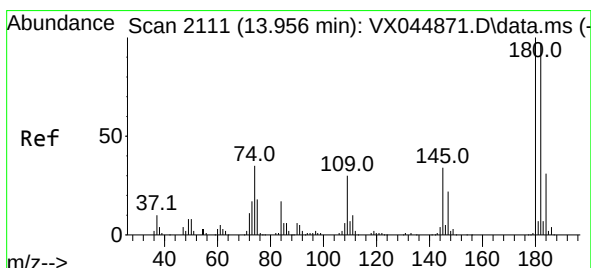
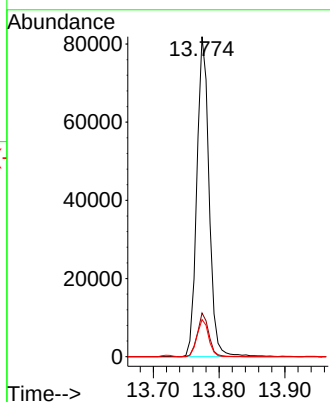
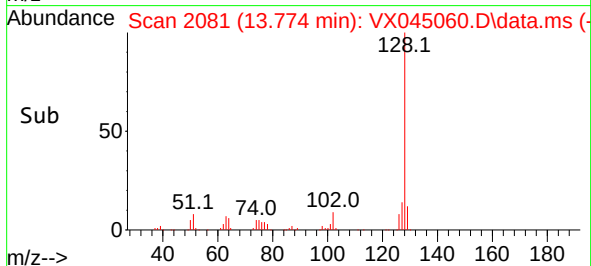
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01



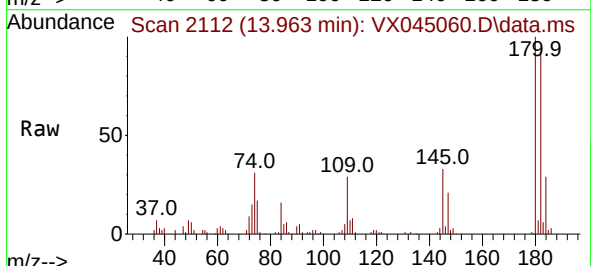
Tgt Ion:128 Resp: 10556
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 11.0 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.042 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045060.D
Acq: 27 Feb 2025 13:47



Tgt Ion:180 Resp: 29008
Ion Ratio Lower Upper
180 100
182 93.3 47.9 143.6
145 33.8 17.1 51.3

