

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022425\
 Data File : VX045023.D
 Acq On : 24 Feb 2025 10:46
 Operator : JC/MD
 Sample : VX0224WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0224WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/25/2025
 Supervised By : Mahesh Dadoda 02/25/2025

Quant Time: Feb 25 00:28:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 01:06:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.885	128	21185	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	111674	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	104796	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	59107	28.726	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	95.767%		
60) 4-Bromofluorobenzene	11.079	95	58648	29.941	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.800%		
63) Toluene-d8	8.641	98	173612	29.946	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.833%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	36627	20.509	ug/l	94
3) Chloromethane	1.301	50	43835	20.493	ug/l	97
4) Vinyl Chloride	1.374	62	41387	20.052	ug/l	100
5) Bromomethane	1.593	94	14840	20.655	ug/l	98
6) Chloroethane	1.666	64	24663	22.062	ug/l	92
7) Trichlorofluoromethane	1.874	101	56919	20.518	ug/l	95
8) Diethyl Ether	2.130	74	20747	19.767	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	34534	20.960	ug/l	98
10) 1,1-Dichloroethene	2.313	96	33732	20.961	ug/l	97
11) Methyl Iodide	2.447	142	33603	18.448	ug/l	95
12) Methyl Acetate	2.697	43	41908	22.425	ug/l	96
13) Acrolein	2.233	56	43412	115.894	ug/l	99
14) Acrylonitrile	3.056	53	98678	108.102	ug/l	98
15) Acetone	2.374	58	33733	134.744	ug/l	100
16) Carbon Disulfide	2.502	76	92419	20.246	ug/l	99
17) Allyl chloride	2.654	41	61765	20.520	ug/l	99
18) Methylene Chloride	2.782	84	38175	21.090	ug/l	97
19) trans-1,2-Dichloroethene	3.087	96	33247	20.420	ug/l	96
20) Diisopropyl ether	3.751	45	120745	20.875	ug/l	95
21) 1,1-Dichloroethane	3.599	63	66807	20.768	ug/l	98
22) cis-1,2-Dichloroethene	4.477	96	40818	20.921	ug/l	99
23) tert-Butyl Alcohol	2.965	59	36265	113.801	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	108967	20.746	ug/l	100
25) Chloroform	5.080	83	64751	20.839	ug/l	94
26) Cyclohexane	5.458	56	61186	20.606	ug/l #	100
29) 1,1-Dichloropropene	5.684	75	45923	22.355	ug/l	99
30) 2-Butanone	4.544	43	147560	124.362	ug/l	100
31) 2,2-Dichloropropane	4.465	77	50837	21.886	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	55088	22.132	ug/l	99
33) Carbon Tetrachloride	5.666	117	46769	22.265	ug/l	98
34) Benzene	6.025	78	142877	22.179	ug/l	99
35) Methacrylonitrile	4.916	41	29734	23.418	ug/l	98
36) 1,2-Dichloroethane	6.080	62	46803	21.220	ug/l #	86
37) Trichloroethene	7.117	130	33197	22.027	ug/l	98
38) Methylcyclohexane	7.373	83	61226	22.197	ug/l	98
39) 1,2-Dichloropropane	7.422	63	35696	22.288	ug/l	98
40) Dibromomethane	7.574	93	25997	22.620	ug/l	98
41) Bromodichloromethane	7.812	83	50022	21.899	ug/l	98
42) Vinyl Acetate	3.715	43	511555	111.102	ug/l	100

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Manual Integrations
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Quant Time: Feb 25 00:28:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 01:06:36 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.702	43	49197	22.110	ug/l	99
44) Isopropyl Acetate	6.330	43	83983	22.932	ug/l	97
45) 1,4-Dioxane	7.659	88	17767	466.680	ug/l	98
46) Methyl methacrylate	7.690	41	41234	22.961	ug/l	98
47) n-amyl Acetate	10.842	43	71544	22.513	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	46831	21.270	ug/l	98
49) cis-1,3-Dichloropropene	8.360	75	54086	21.700	ug/l	98
50) 1,1,2-Trichloroethane	9.147	97	33305	22.216	ug/l	96
51) Ethyl methacrylate	9.110	69	53057	22.503	ug/l	97
52) 1,3-Dichloropropane	9.305	76	59584	22.683	ug/l	98
53) Dibromochloromethane	9.519	129	37220	22.449	ug/l	96
54) 1,2-Dibromoethane	9.604	107	34461	22.638	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	115159	95.113	ug/l	99
56) Bromoform	10.799	173	24003	23.103	ug/l	99
58) 4-Methyl-2-Pentanone	8.568	43	279253	117.142	ug/l	100
59) 2-Hexanone	9.427	43	205679	119.366	ug/l	99
61) Tetrachloroethene	9.269	164	29080	22.535	ug/l	98
62) Toluene	8.714	91	149963	21.602	ug/l	99
64) Chlorobenzene	10.073	112	94408	21.946	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	30780	21.684	ug/l	99
66) Ethyl Benzene	10.189	91	163919	21.568	ug/l	99
67) m/p-Xylenes	10.299	106	124576	43.993	ug/l	97
68) o-Xylene	10.640	106	62022	22.323	ug/l	100
69) Styrene	10.653	104	103492	22.303	ug/l	99
70) Isopropylbenzene	10.957	105	160413	22.373	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	52987	22.474	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	43876m	22.626	ug/l	
73) Bromobenzene	11.195	156	37790	22.895	ug/l	97
74) n-propylbenzene	11.299	91	191455	22.439	ug/l	100
75) 2-Chlorotoluene	11.360	91	115060	22.306	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	132745	22.442	ug/l	97
77) t-1,4-Dichloro-2-butene	11.018	75	13705	21.006	ug/l	97
78) 4-Chlorotoluene	11.451	91	128240	22.302	ug/l	100
79) tert-butylbenzene	11.713	119	136753	22.946	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	134579	22.713	ug/l	100
81) sec-Butylbenzene	11.890	105	171607	22.943	ug/l	99
82) p-Isopropyltoluene	12.006	119	137387	22.669	ug/l	99
83) 1,3-Dichlorobenzene	11.963	146	67959	22.129	ug/l	98
84) 1,4-Dichlorobenzene	12.037	146	67382	22.253	ug/l	99
85) n-Butylbenzene	12.329	91	124806	22.551	ug/l	100
86) Hexachloroethane	12.536	117	24546	22.965	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	67196	22.300	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.945	75	10088	22.099	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	39920	21.859	ug/l	97
90) Hexachlorobutadiene	13.725	225	17281	23.203	ug/l	99
91) Naphthalene	13.774	128	139660	21.688	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	40845	21.724	ug/l	98

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

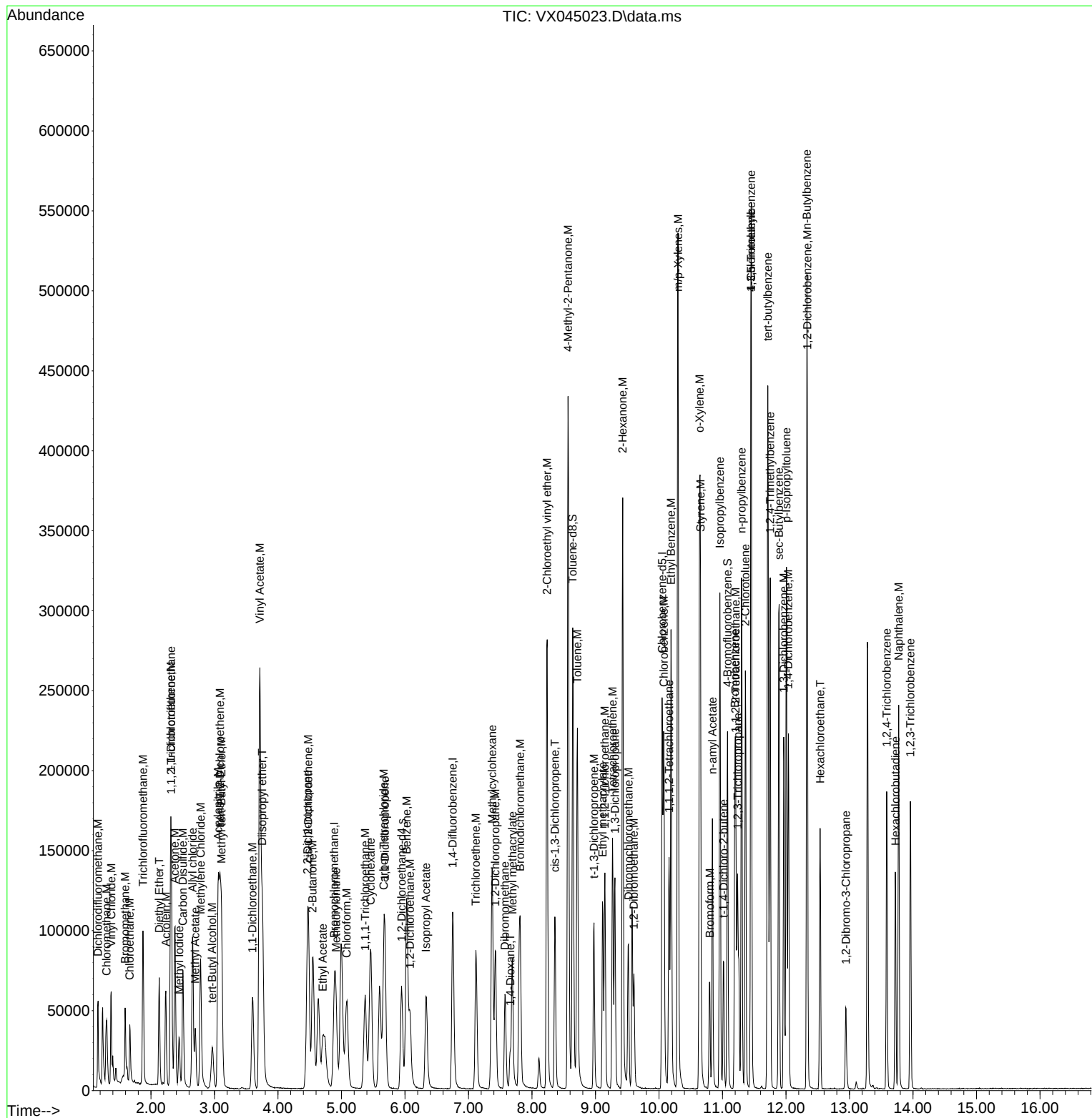
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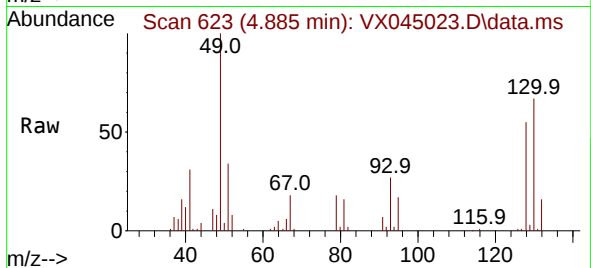
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 01:06:36 2025
 Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.885 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

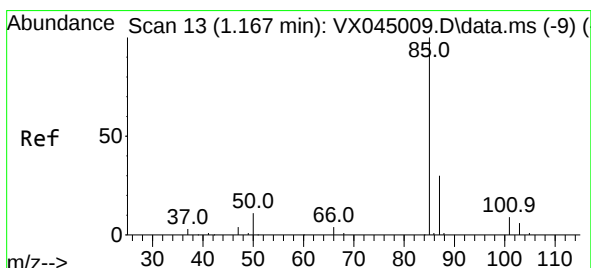
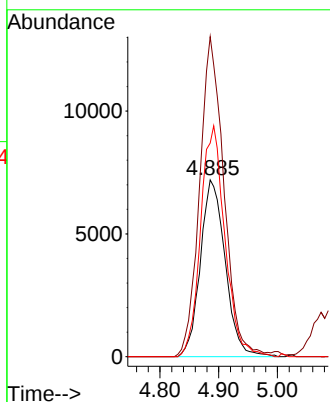
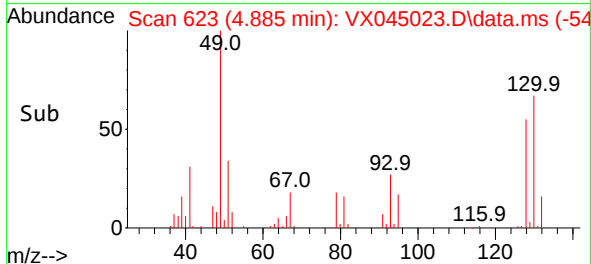
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBS01



Tgt Ion:128 Resp: 2118
Ion Ratio Lower Upper
128 100
49 176.4 0.0 449.7
130 128.0 0.0 312.7

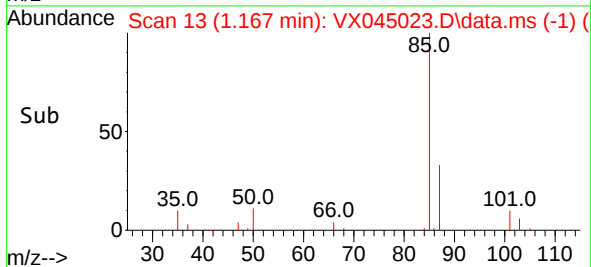
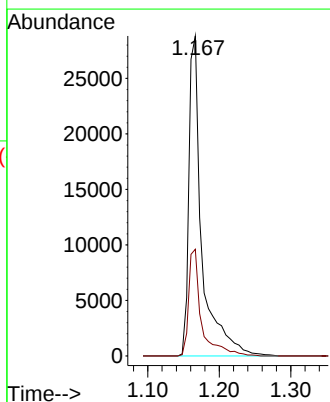
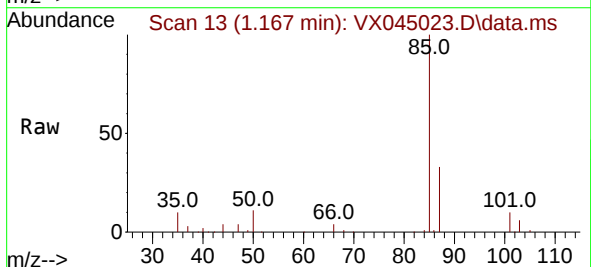
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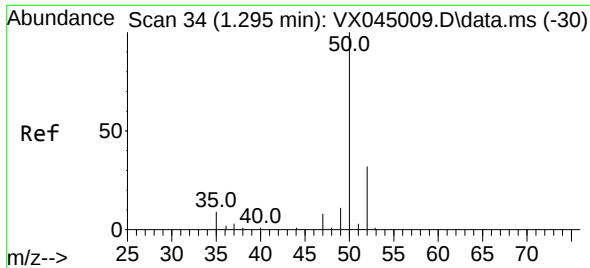
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#2
Dichlorodifluoromethane
Concen: 20.509 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

Tgt Ion: 85 Resp: 36627
Ion Ratio Lower Upper
85 100
87 33.3 15.1 45.3





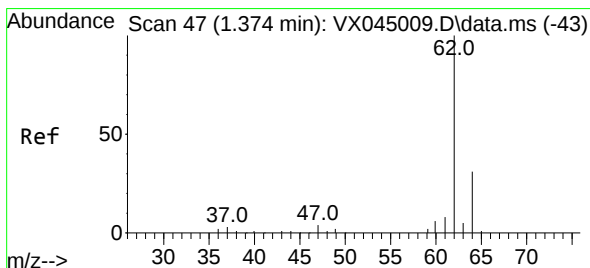
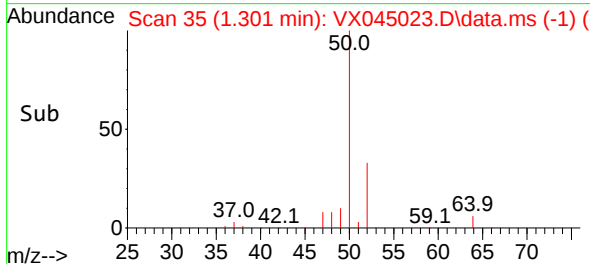
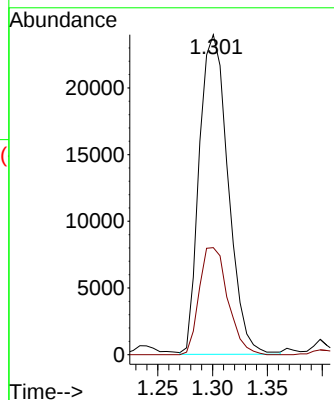
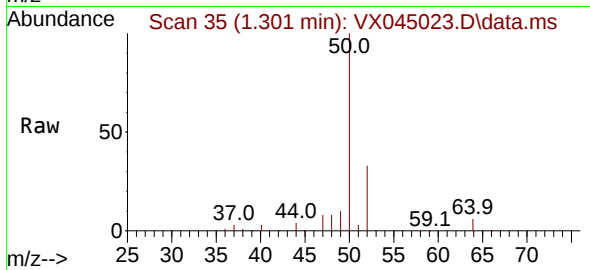
#3
Chloromethane
Concen: 20.493 ug/l
RT: 1.301 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX0224WBS01

Tgt Ion: 50 Resp: 4383
Ion Ratio Lower Upper
50 100
52 33.7 25.7 38.5

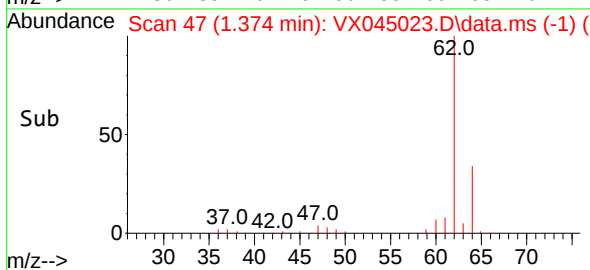
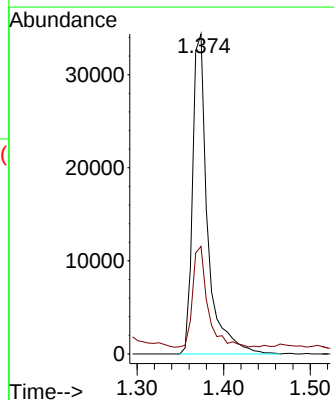
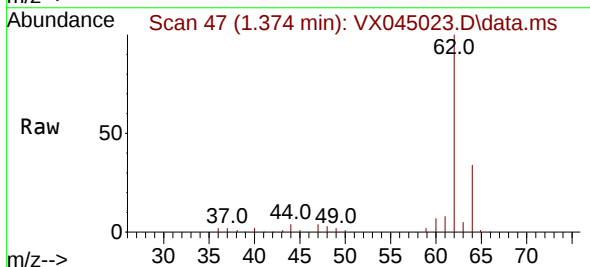
Manual Integrations
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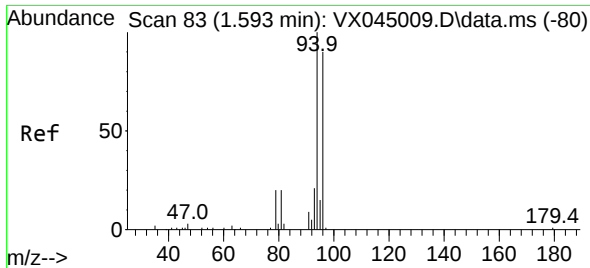
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#4
Vinyl Chloride
Concen: 20.052 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

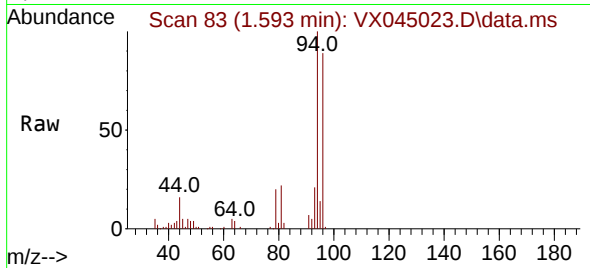
Tgt Ion: 62 Resp: 41387
Ion Ratio Lower Upper
62 100
64 31.4 25.1 37.7





#5
Bromomethane
Concen: 20.655 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

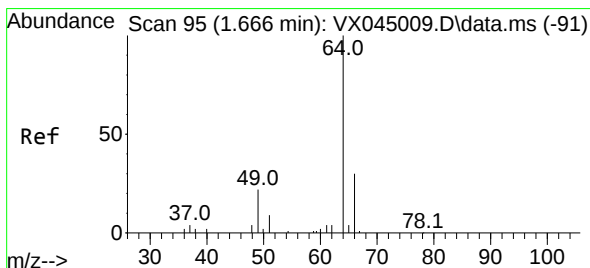
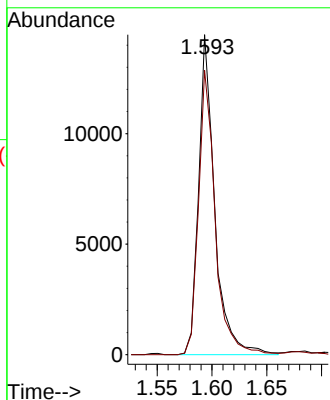
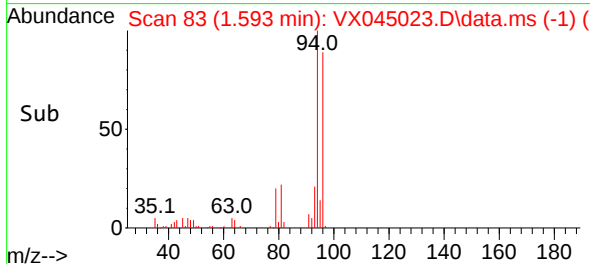
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBS01



Tgt Ion: 94 Resp: 14840
Ion Ratio Lower Upper
94 100
96 88.9 72.2 108.4

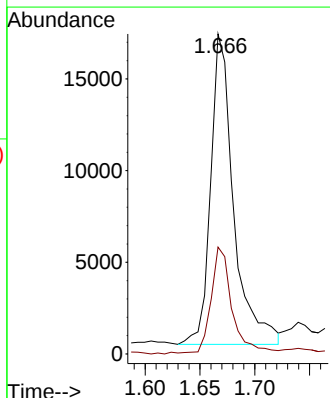
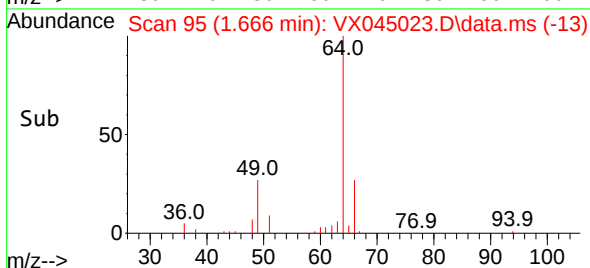
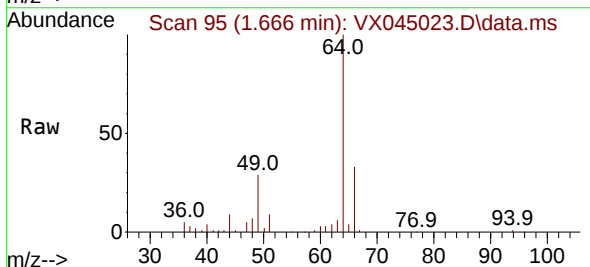
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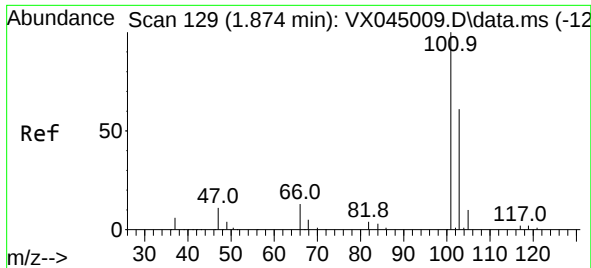
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#6
Chloroethane
Concen: 22.062 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

Tgt Ion: 64 Resp: 24663
Ion Ratio Lower Upper
64 100
66 34.1 23.7 35.5





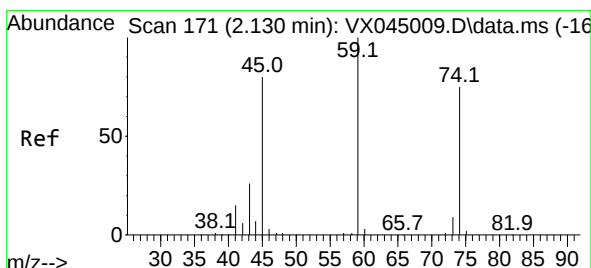
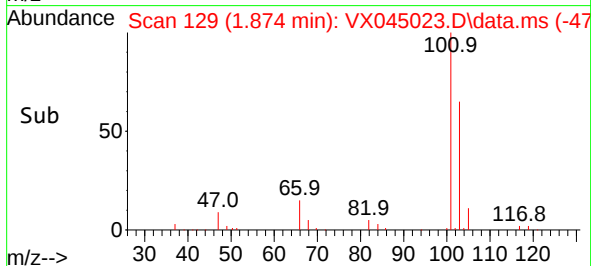
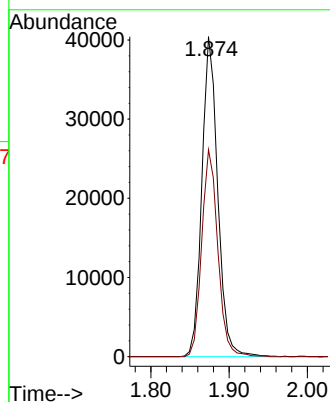
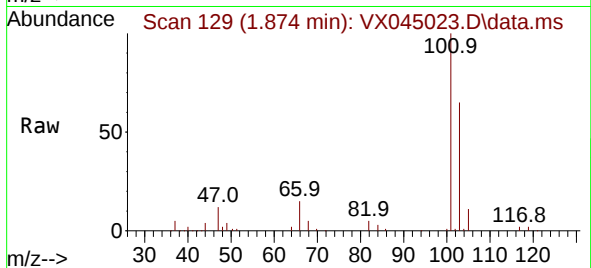
#7
 Trichlorofluoromethane
 Concen: 20.518 ug/l
 RT: 1.874 min Scan# 129
 Delta R.T. 0.000 min
 Lab File: VX045023.D
 Acq: 24 Feb 2025 10:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0224WBS01

Tgt Ion:101 Resp: 56919
 Ion Ratio Lower Upper
 101 100
 103 64.7 48.8 73.2

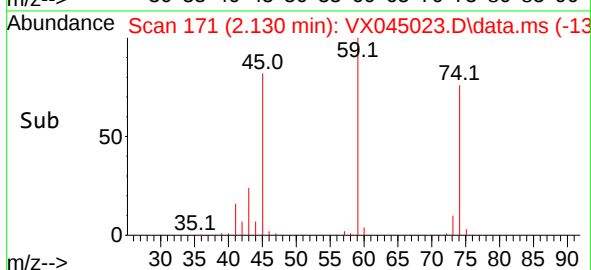
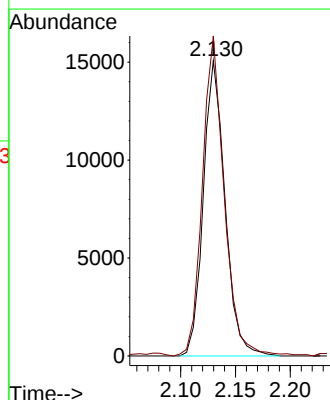
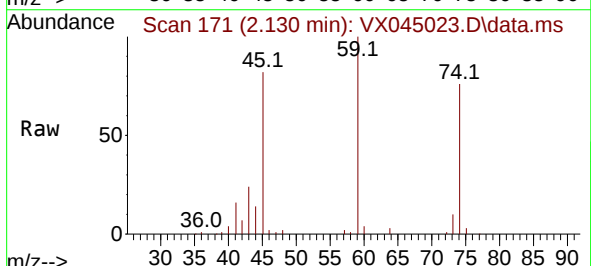
Manual Integrations
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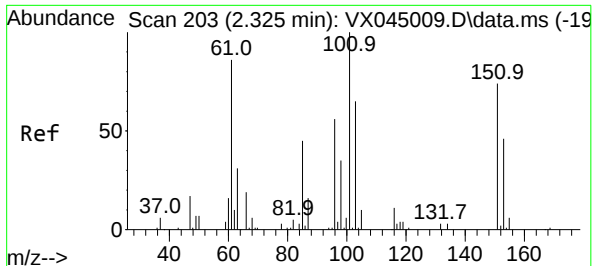
Reviewed By :John Carlone 02/25/2025
 Supervised By :Mahesh Dadoda 02/25/2025



#8
 Diethyl Ether
 Concen: 19.767 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX045023.D
 Acq: 24 Feb 2025 10:46

Tgt Ion: 74 Resp: 20747
 Ion Ratio Lower Upper
 74 100
 45 108.8 20.8 186.8





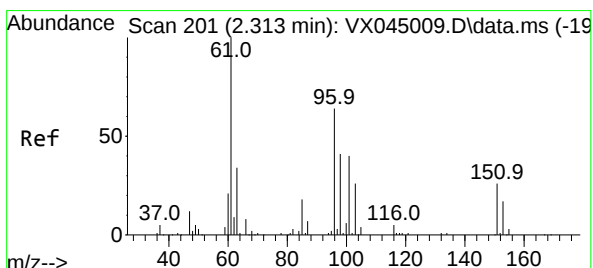
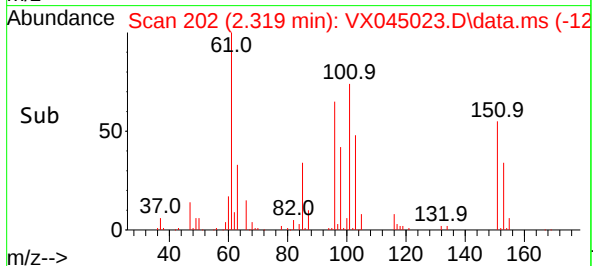
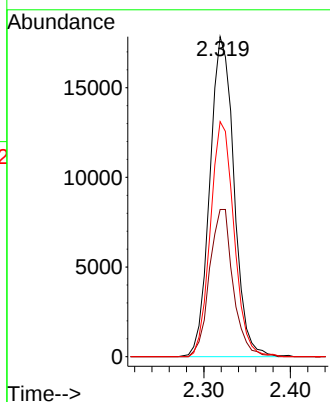
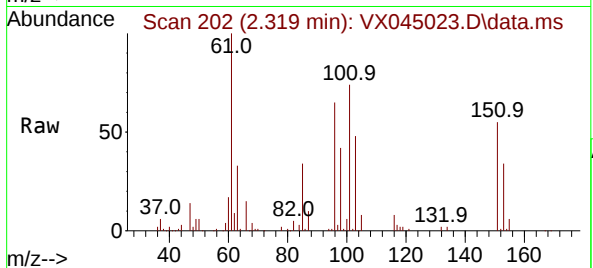
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.960 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 34534
Ion Ratio Lower Upper
101 100
85 44.9 0.0 90.6
151 71.8 0.0 147.6

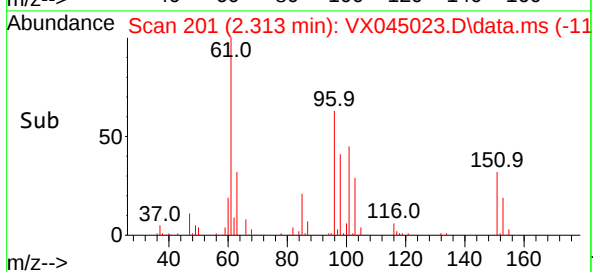
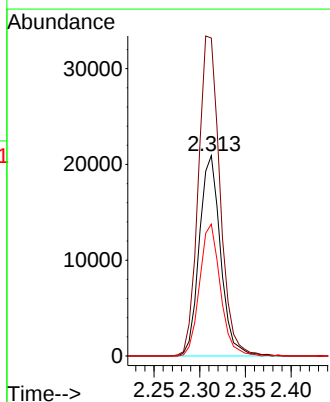
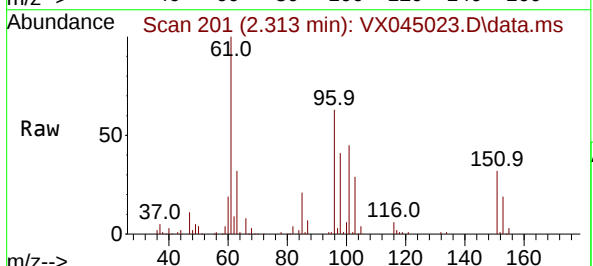
Manual Integrations
APPROVED

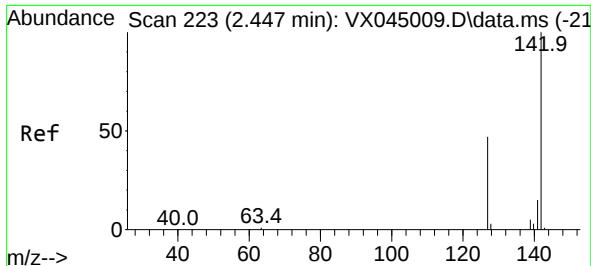
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#10
1,1-Dichloroethene
Concen: 20.961 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

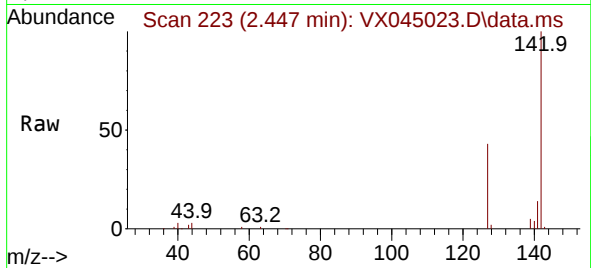
Tgt Ion: 96 Resp: 33732
Ion Ratio Lower Upper
96 100
61 158.5 124.2 186.2
98 65.9 51.1 76.7





#11
Methyl Iodide
Concen: 18.448 ug/l
RT: 2.447 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

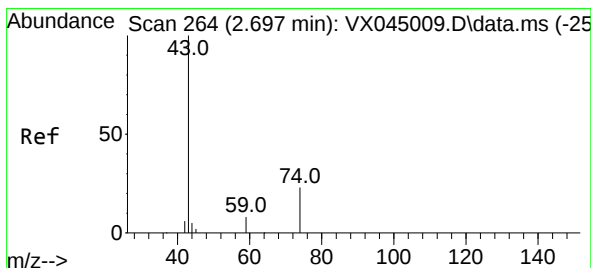
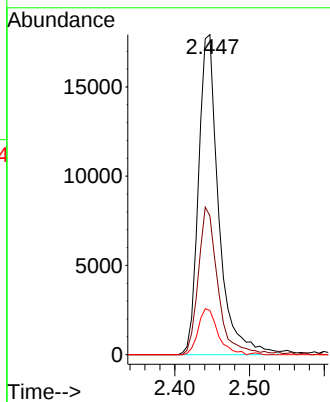
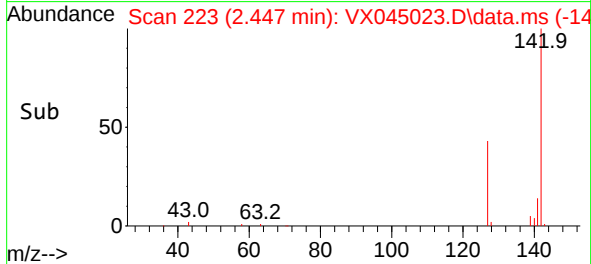
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBS01



Tgt Ion:142 Resp: 3360
Ion Ratio Lower Upper
142 100
127 43.2 23.3 69.9
141 13.9 7.5 22.6

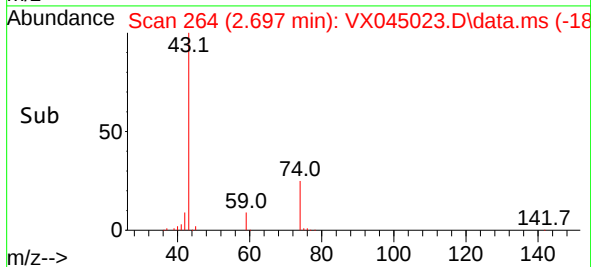
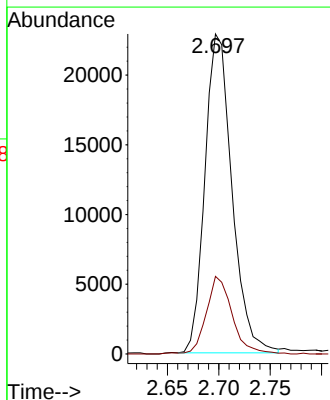
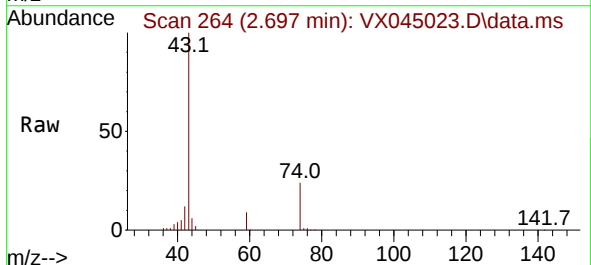
Manual Integrations
APPROVED

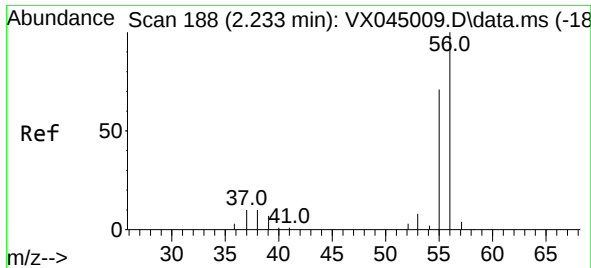
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#12
Methyl Acetate
Concen: 22.425 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

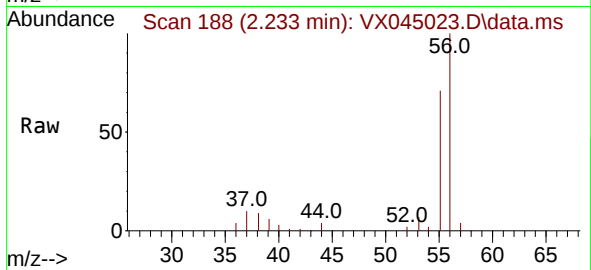
Tgt Ion: 43 Resp: 41908
Ion Ratio Lower Upper
43 100
74 24.2 17.9 26.9





#13
Acrolein
Concen: 115.894 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

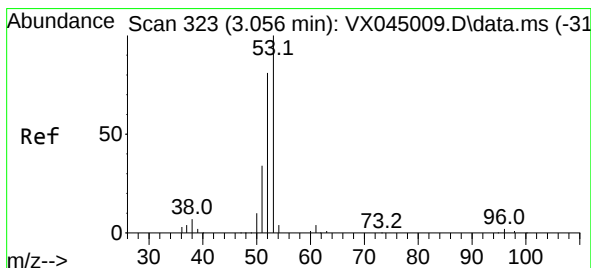
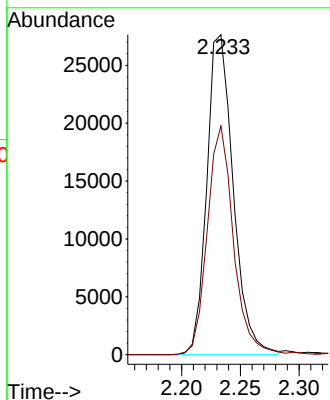
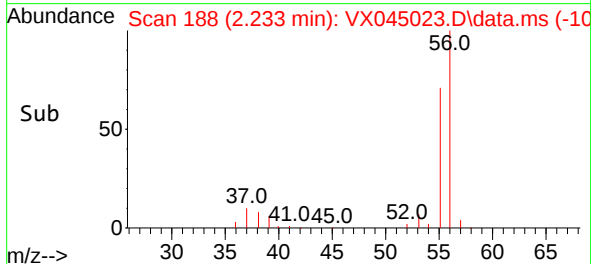
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBS01



Tgt Ion: 56 Resp: 43412
Ion Ratio Lower Upper
56 100
55 70.3 55.4 83.2

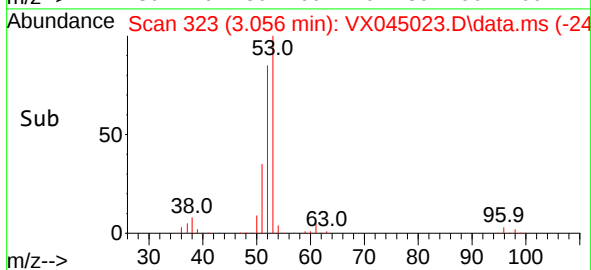
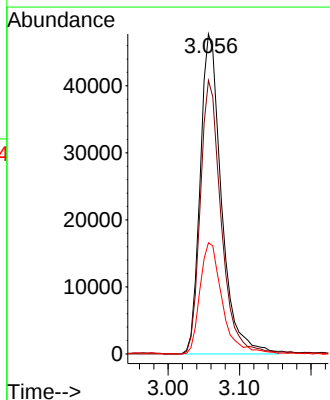
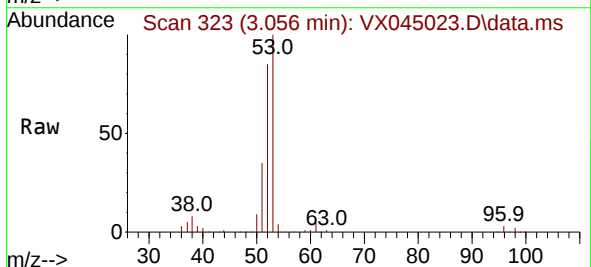
Manual Integrations
APPROVED

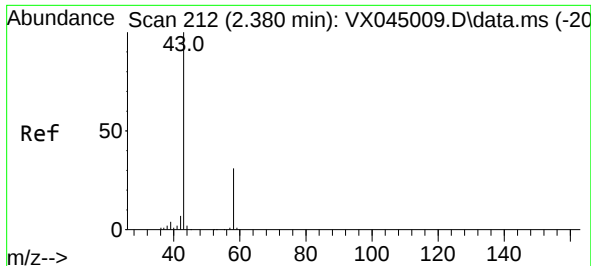
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#14
Acrylonitrile
Concen: 108.102 ug/l
RT: 3.056 min Scan# 323
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

Tgt Ion: 53 Resp: 98678
Ion Ratio Lower Upper
53 100
52 83.9 40.9 122.8
51 36.4 18.0 54.0





#15

Acetone

Concen: 134.744 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX045023.D

Acq: 24 Feb 2025 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX0224WBS01

Tgt Ion: 58 Resp: 3373

Ion Ratio Lower Upper

58 100

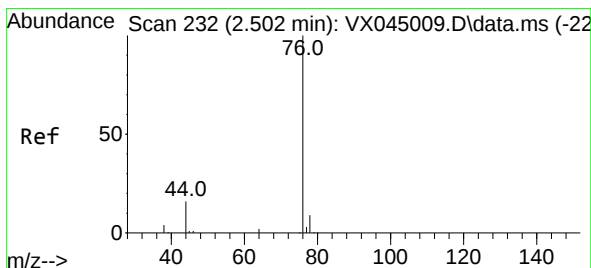
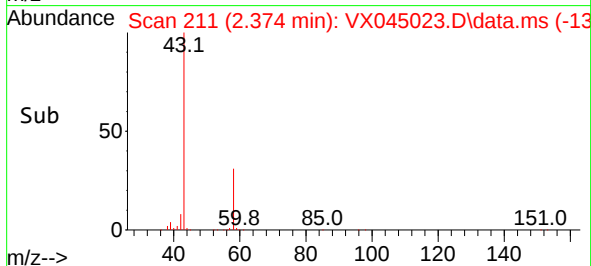
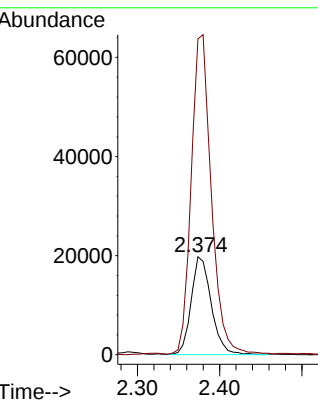
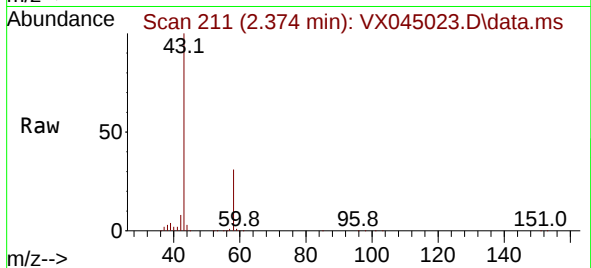
43 322.9 258.6 388.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#16

Carbon Disulfide

Concen: 20.246 ug/l

RT: 2.502 min Scan# 232

Delta R.T. -0.000 min

Lab File: VX045023.D

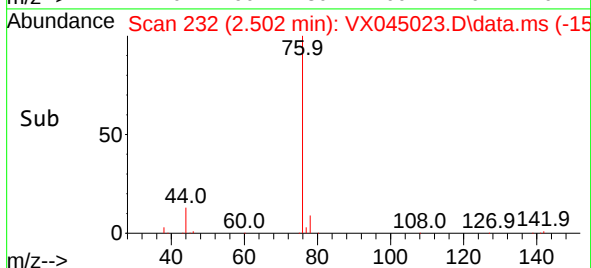
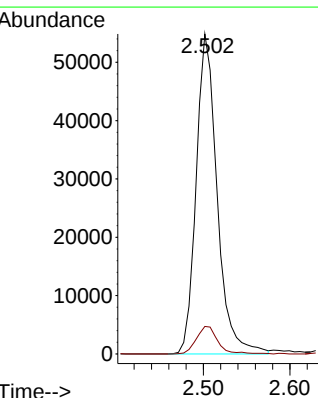
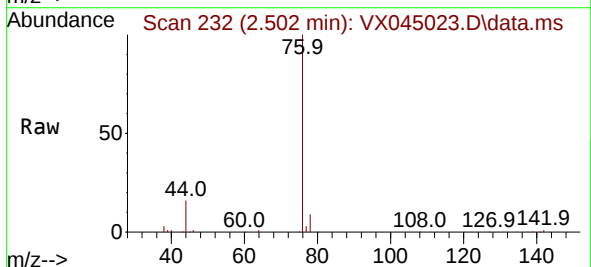
Acq: 24 Feb 2025 10:46

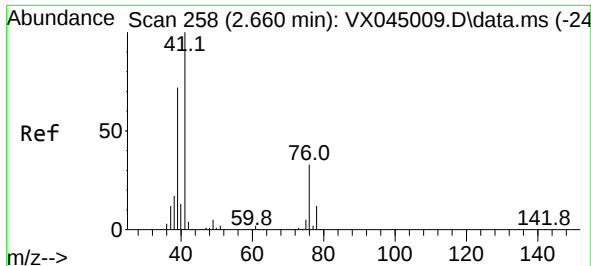
Tgt Ion: 76 Resp: 92419

Ion Ratio Lower Upper

76 100

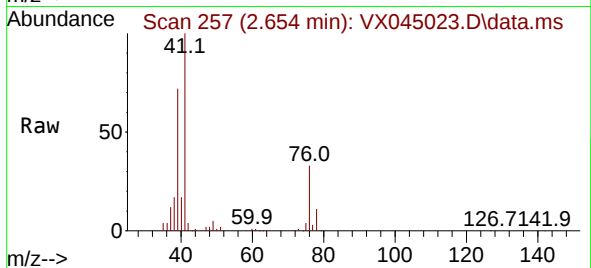
78 8.6 7.3 10.9





#17
 Allyl chloride
 Concen: 20.520 ug/l
 RT: 2.654 min Scan# 257
 Delta R.T. -0.006 min
 Lab File: VX045023.D
 Acq: 24 Feb 2025 10:46

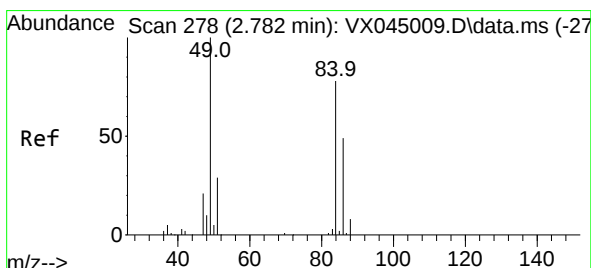
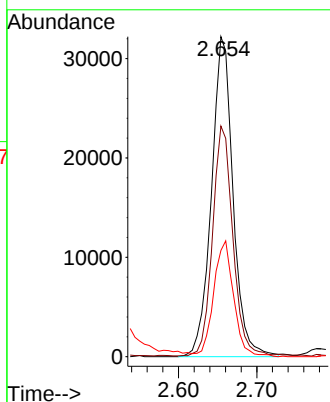
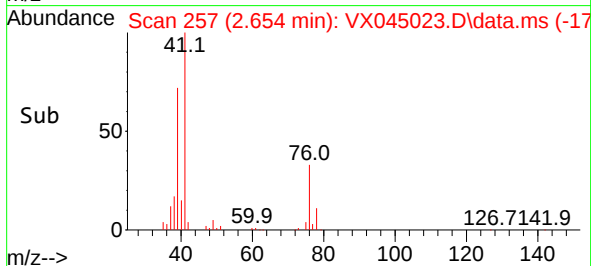
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0224WBS01



Tgt Ion: 41 Resp: 6176
 Ion Ratio Lower Upper
 41 100
 39 71.8 36.2 108.6
 76 33.2 17.2 51.5

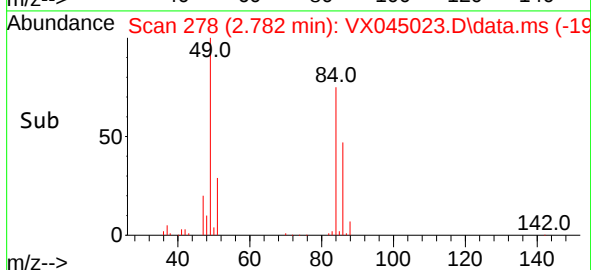
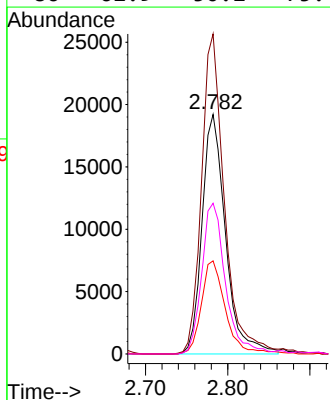
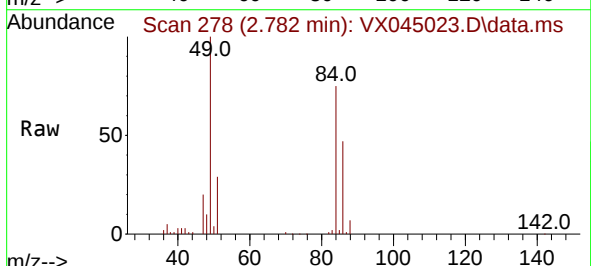
Manual Integrations
 APPROVED

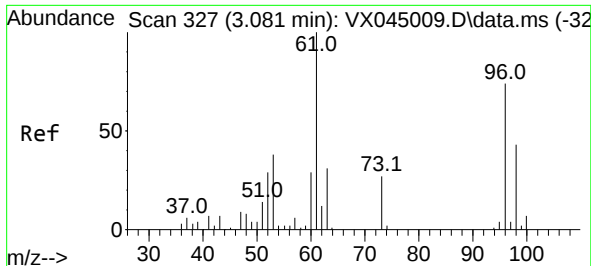
Reviewed By :John Carlone 02/25/2025
 Supervised By :Mahesh Dadoda 02/25/2025



#18
 Methylene Chloride
 Concen: 21.090 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. 0.000 min
 Lab File: VX045023.D
 Acq: 24 Feb 2025 10:46

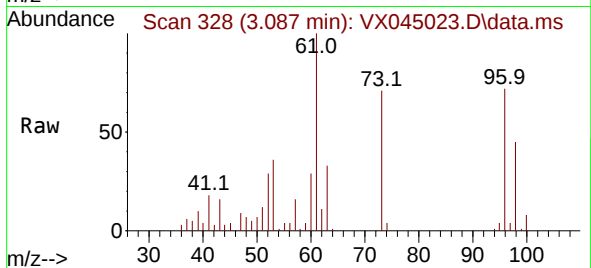
Tgt Ion: 84 Resp: 38175
 Ion Ratio Lower Upper
 84 100
 49 133.2 102.8 154.2
 51 38.9 30.1 45.1
 86 62.9 50.2 75.4





#19
trans-1,2-Dichloroethene
Concen: 20.420 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

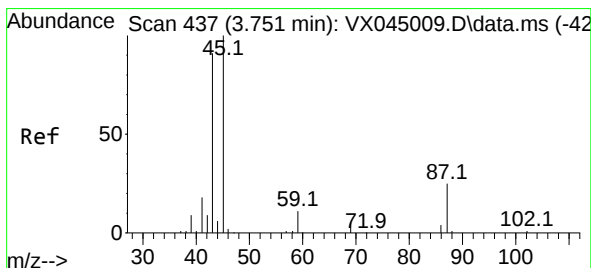
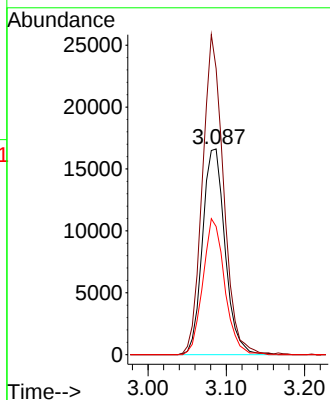
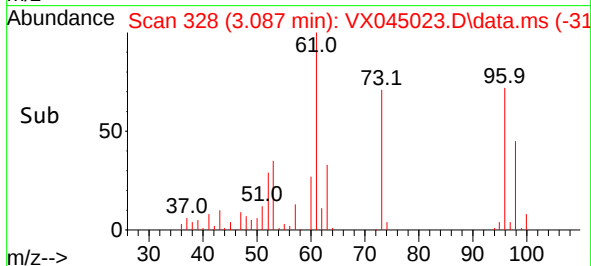
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBS01



Tgt Ion: 96 Resp: 3324
Ion Ratio Lower Upper
96 100
61 139.0 108.6 163.0
98 62.3 46.5 69.7

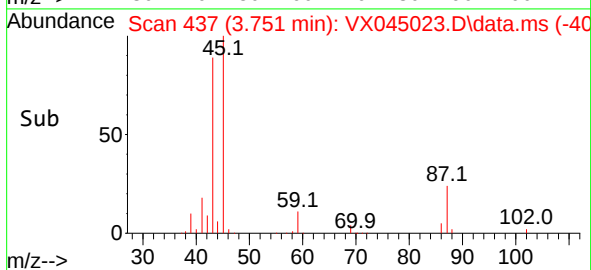
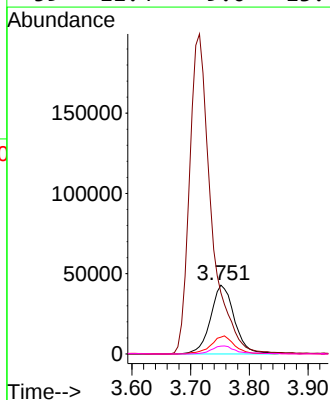
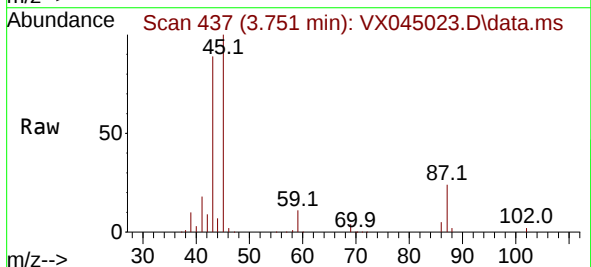
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#20
Diisopropyl ether
Concen: 20.875 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

Tgt Ion: 45 Resp: 120745
Ion Ratio Lower Upper
45 100
43 86.8 74.4 111.6
87 24.4 19.8 29.8
59 11.4 9.0 13.4





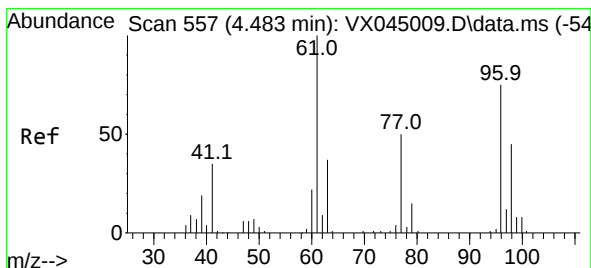
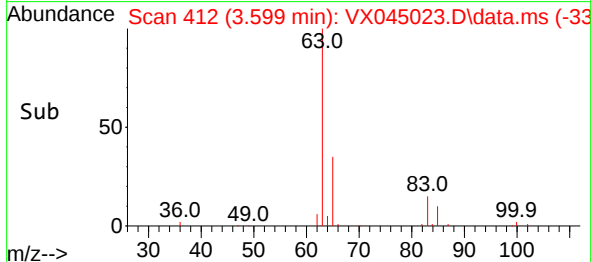
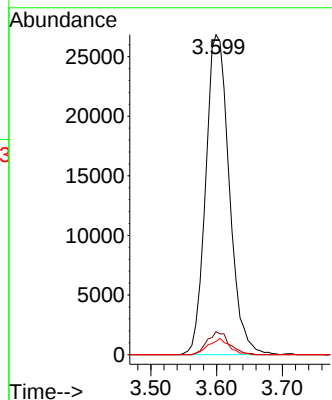
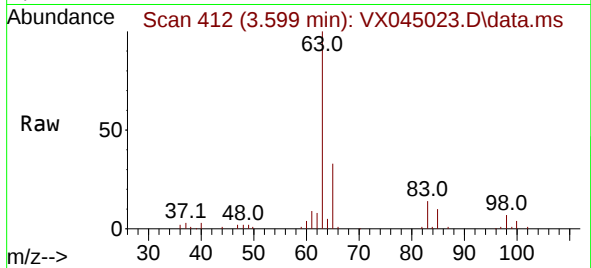
#21
1,1-Dichloroethane
Concen: 20.768 ug/l
RT: 3.599 min Scan# 413
Delta R.T. -0.006 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX0224WBS01

Tgt Ion: 63 Resp: 6680
Ion Ratio Lower Upper
63 100
98 7.2 3.3 9.8
100 4.2 2.4 7.1

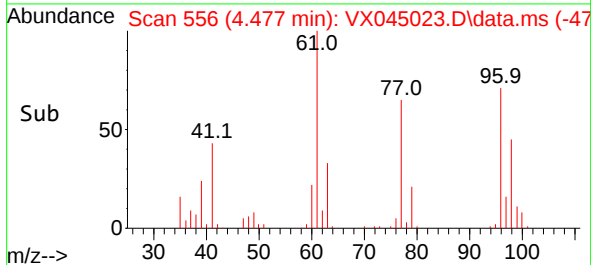
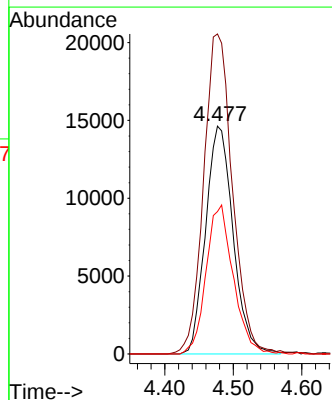
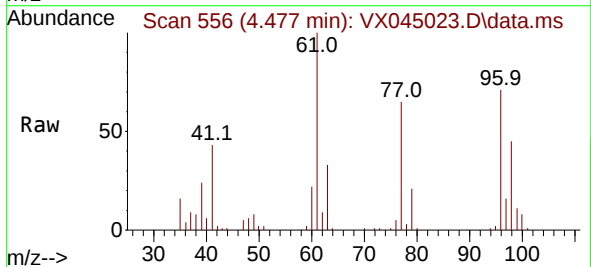
Manual Integrations
APPROVED

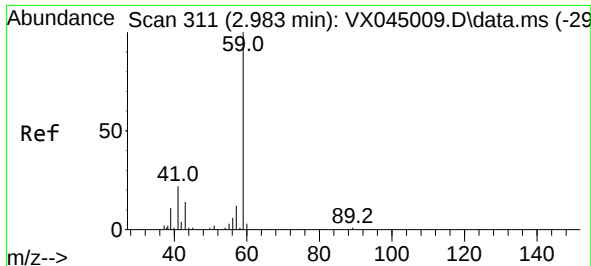
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#22
cis-1,2-Dichloroethene
Concen: 20.921 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

Tgt Ion: 96 Resp: 40818
Ion Ratio Lower Upper
96 100
61 147.4 118.9 178.3
98 64.5 50.7 76.1





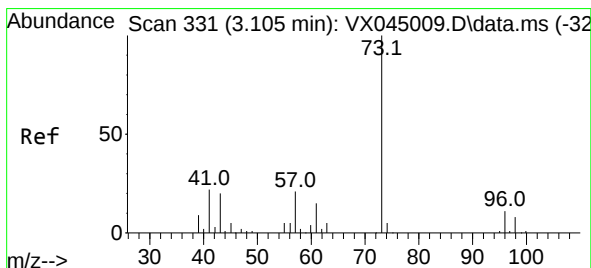
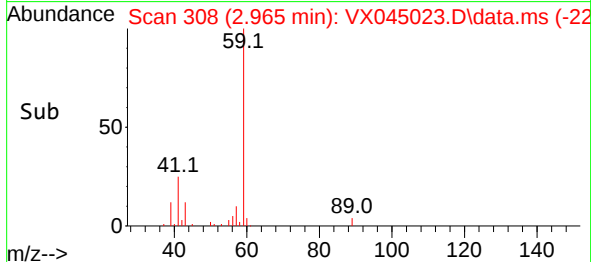
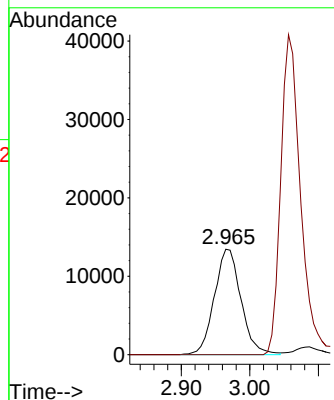
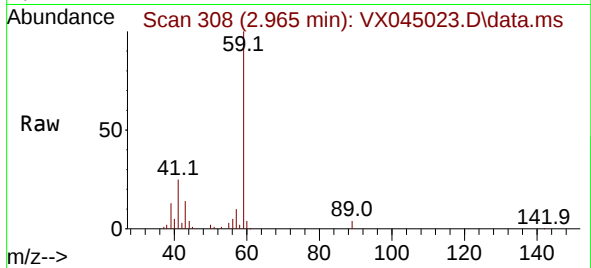
#23
tert-Butyl Alcohol
Concen: 113.801 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX0224WBS01

Tgt Ion: 59 Resp: 3626
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

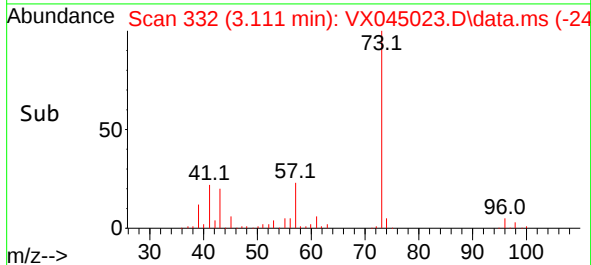
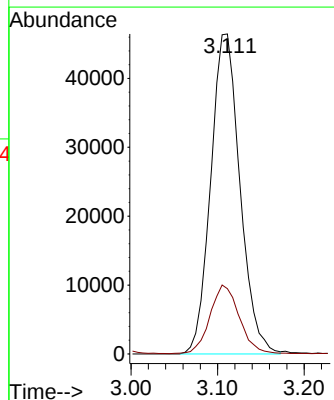
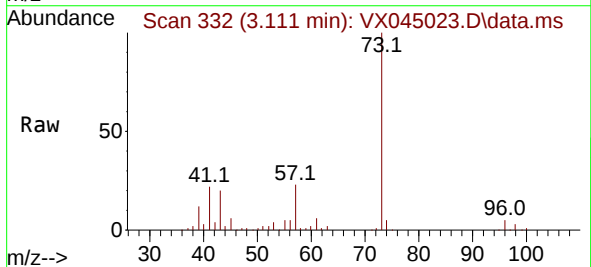
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#24
Methyl tert-Butyl Ether
Concen: 20.746 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

Tgt Ion: 73 Resp: 108967
Ion Ratio Lower Upper
73 100
43 21.8 17.4 26.0





#25

Chloroform

Concen: 20.839 ug/l

RT: 5.080 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX045023.D

Acq: 24 Feb 2025 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX0224WBS01

Tgt Ion: 83 Resp: 6475

Ion Ratio Lower Upper

83 100

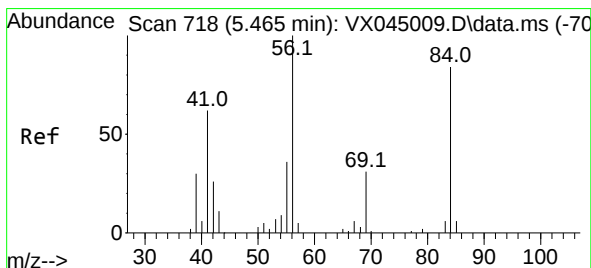
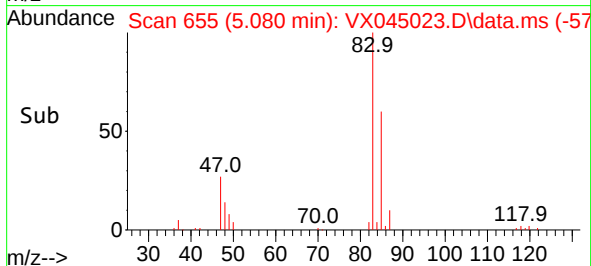
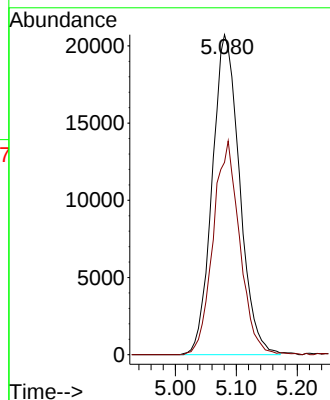
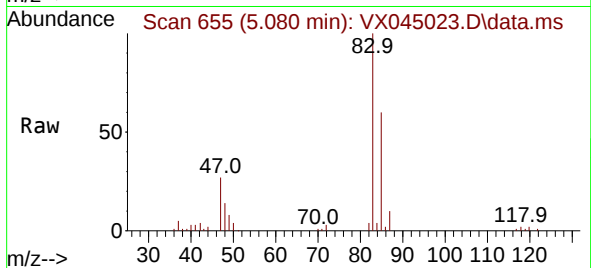
85 60.1 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#26

Cyclohexane

Concen: 20.606 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.006 min

Lab File: VX045023.D

Acq: 24 Feb 2025 10:46

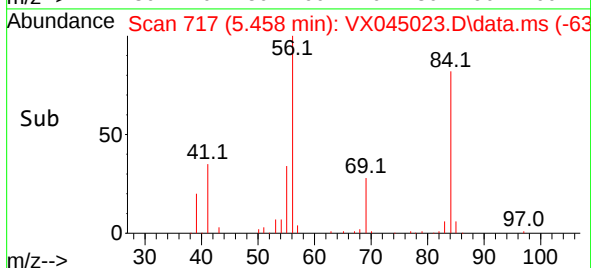
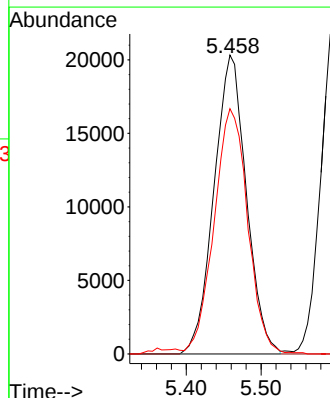
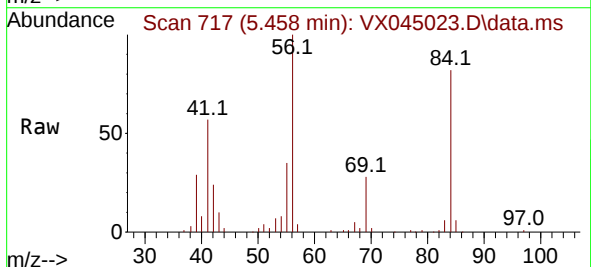
Tgt Ion: 56 Resp: 61186

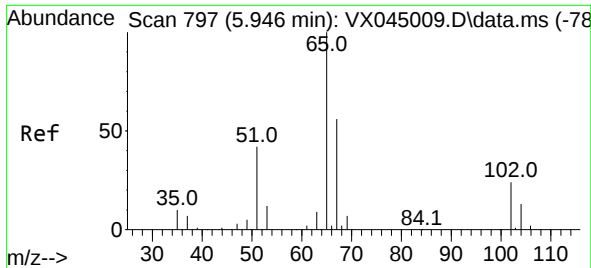
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 84.2 67.1 100.7





#27

1,2-Dichloroethane-d4

Concen: 28.726 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.000 min

Lab File: VX045023.D

Acq: 24 Feb 2025 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX0224WBS01

Tgt Ion: 65 Resp: 5910

Ion Ratio Lower Upper

65 100

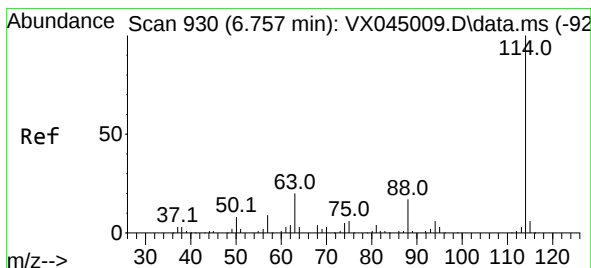
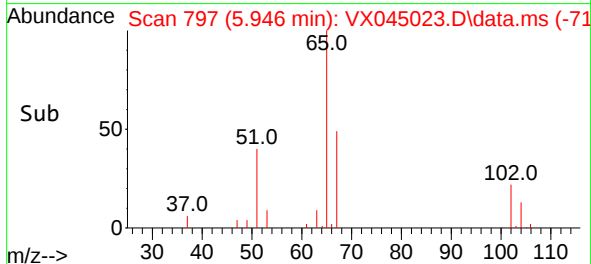
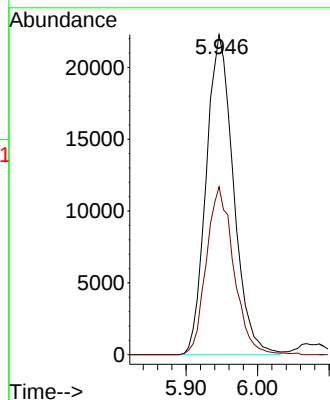
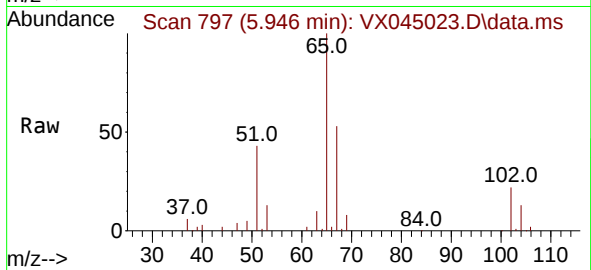
67 52.5 42.6 64.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX045023.D

Acq: 24 Feb 2025 10:46

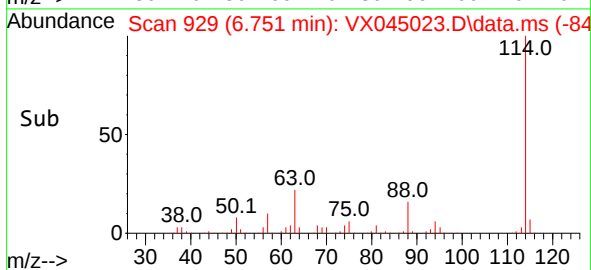
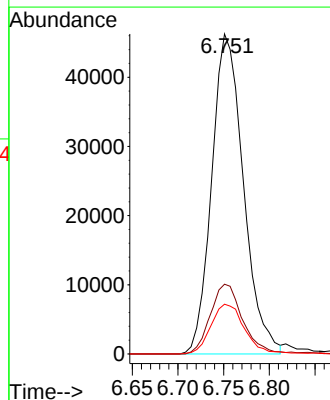
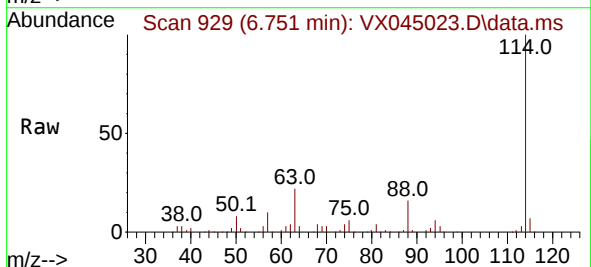
Tgt Ion:114 Resp: 111674

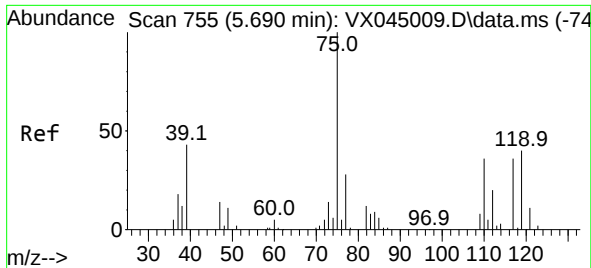
Ion Ratio Lower Upper

114 100

63 22.1 16.8 25.2

88 16.2 12.7 19.1





#29

1,1-Dichloropropene

Concen: 22.355 ug/l

RT: 5.684 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX045023.D

Acq: 24 Feb 2025 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX0224WBS01

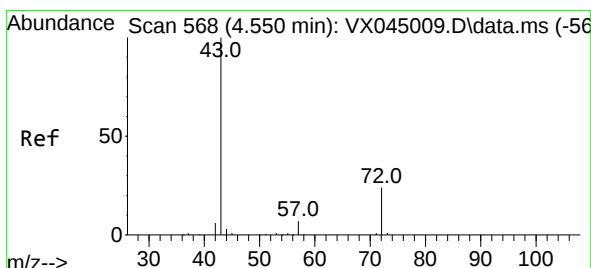
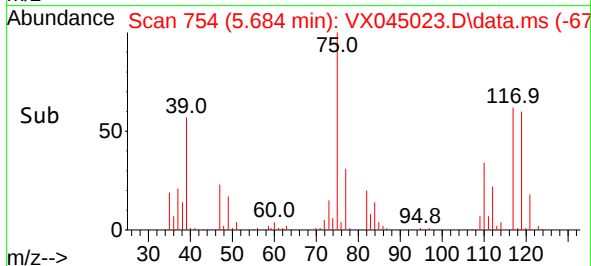
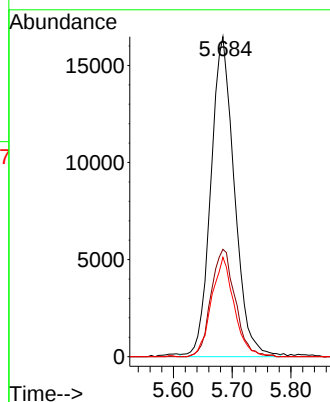
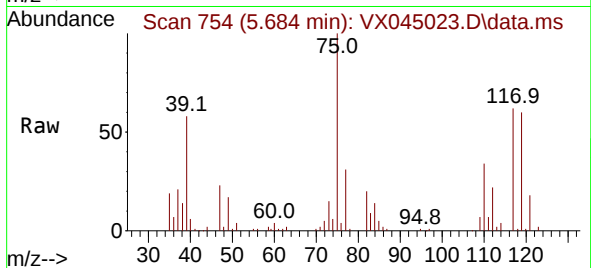
Tgt Ion:	75	Resp:	4592
Ion Ratio	Lower	Upper	
75	100		
110	34.2	0.0	69.2
77	29.8	0.0	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#30

2-Butanone

Concen: 124.362 ug/l

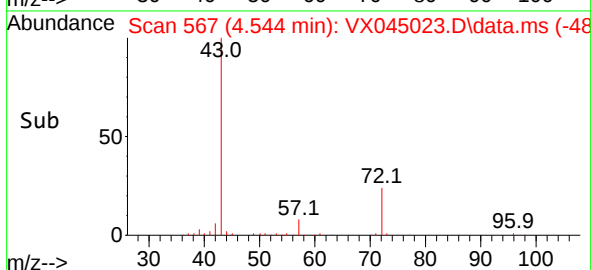
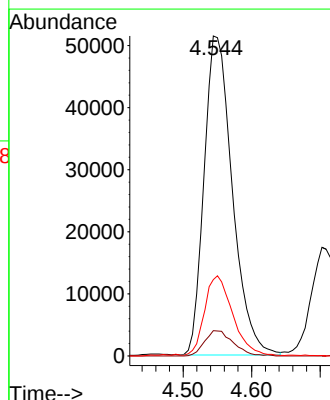
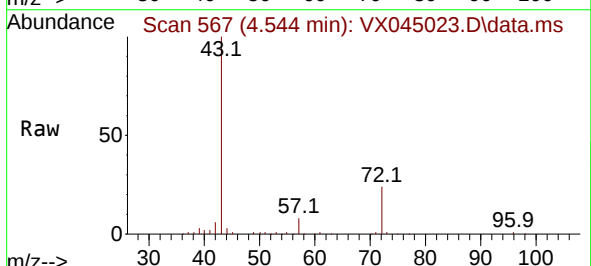
RT: 4.544 min Scan# 567

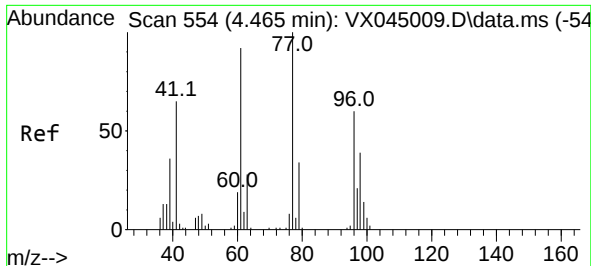
Delta R.T. -0.006 min

Lab File: VX045023.D

Acq: 24 Feb 2025 10:46

Tgt Ion:	43	Resp:	147560
Ion Ratio	Lower	Upper	
43	100		
57	8.0	6.2	9.2
72	25.1	20.2	30.2





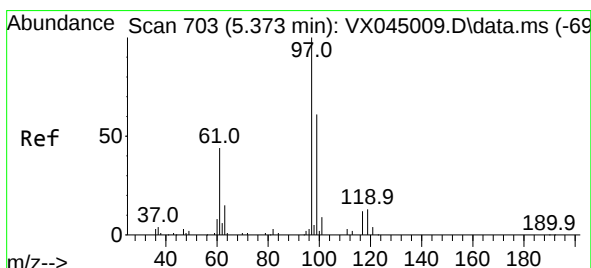
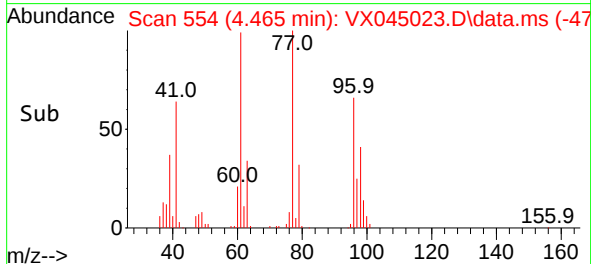
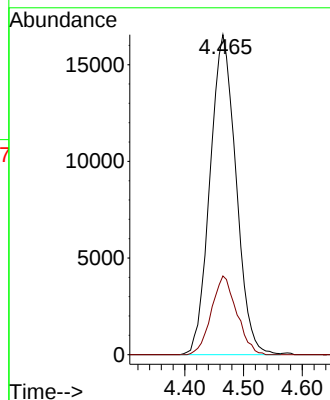
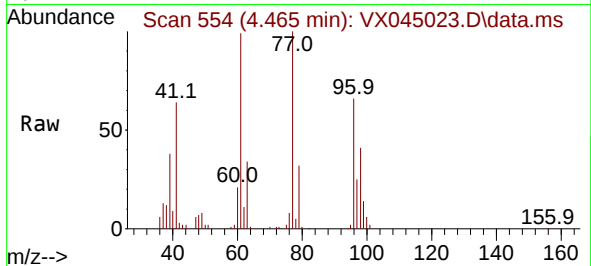
#31
2,2-Dichloropropane
Concen: 21.886 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX0224WBS01

Tgt Ion: 77 Resp: 5083
Ion Ratio Lower Upper
77 100
97 24.0 18.0 27.0

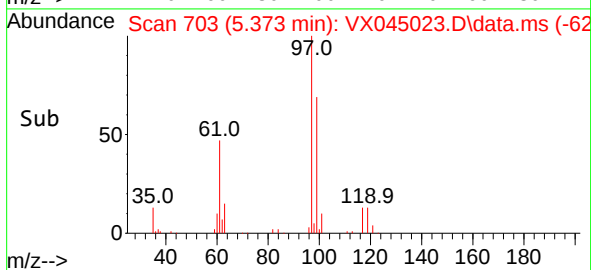
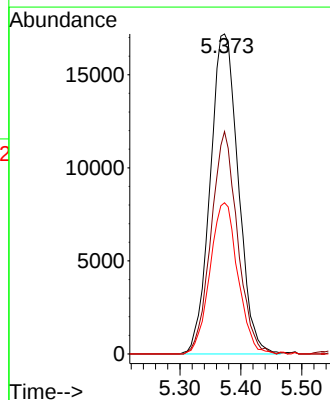
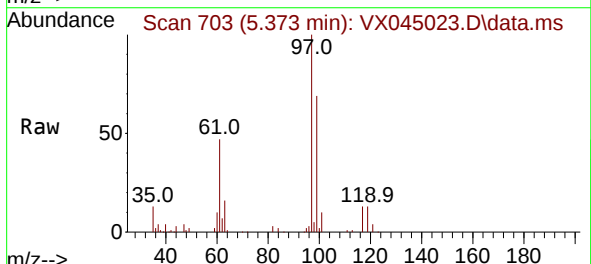
Manual Integrations
APPROVED

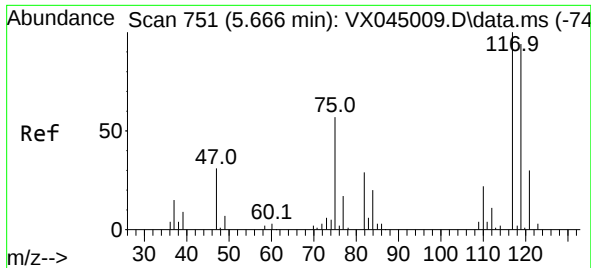
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#32
1,1,1-Trichloroethane
Concen: 22.132 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

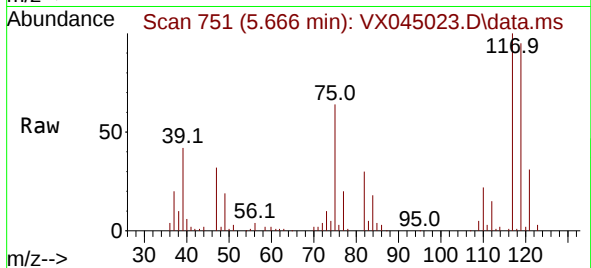
Tgt Ion: 97 Resp: 55088
Ion Ratio Lower Upper
97 100
99 65.4 52.2 78.2
61 46.8 38.5 57.7





#33
Carbon Tetrachloride
Concen: 22.265 ug/l
RT: 5.666 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

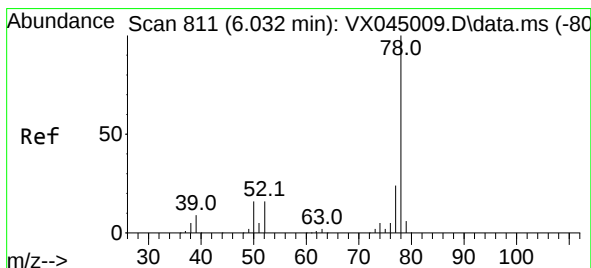
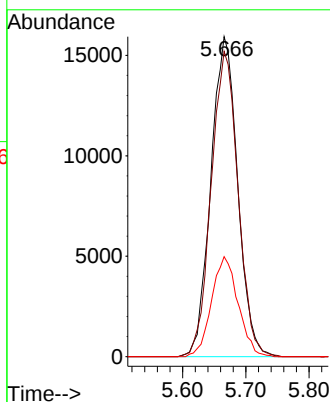
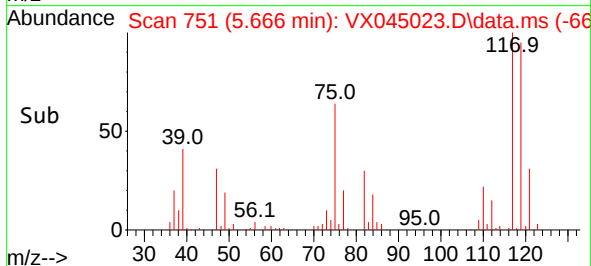
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBS01



Tgt Ion:117 Resp: 46769
Ion Ratio Lower Upper
117 100
119 95.4 75.1 112.7
121 31.2 23.9 35.9

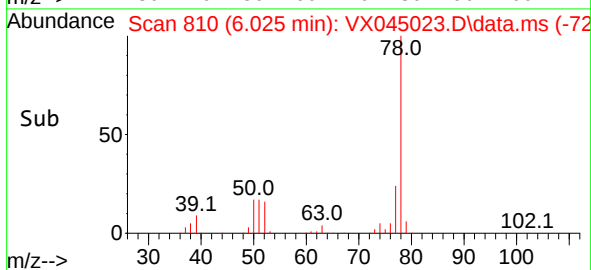
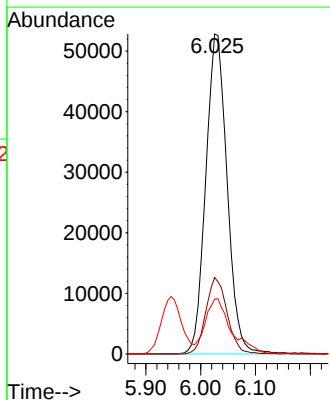
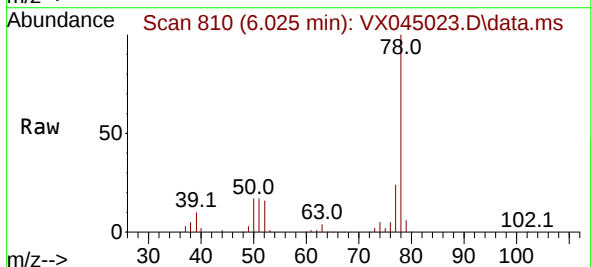
Manual Integrations
APPROVED

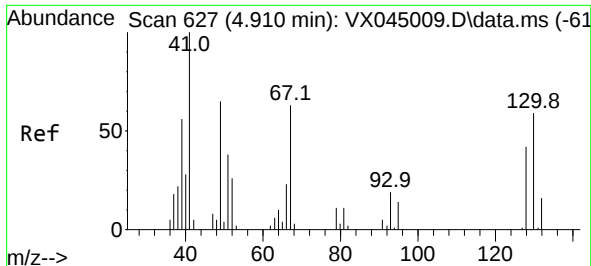
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#34
Benzene
Concen: 22.179 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

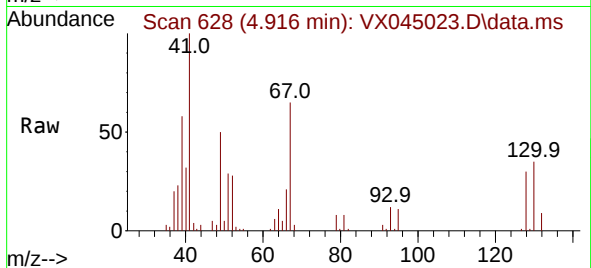
Tgt Ion: 78 Resp: 142877
Ion Ratio Lower Upper
78 100
77 23.9 19.6 29.4
51 17.1 13.8 20.6





#35
Methacrylonitrile
Concen: 23.418 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

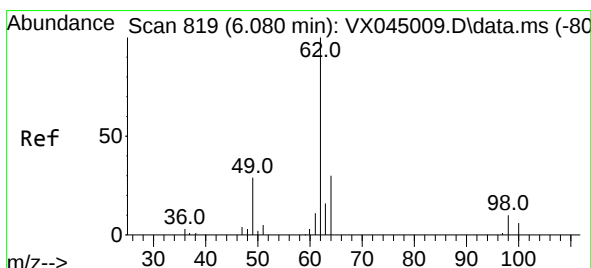
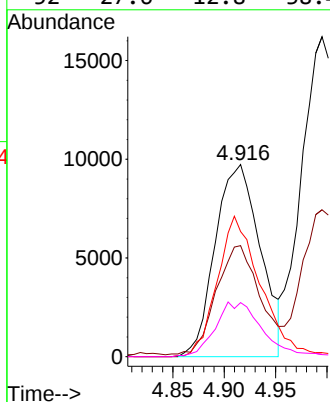
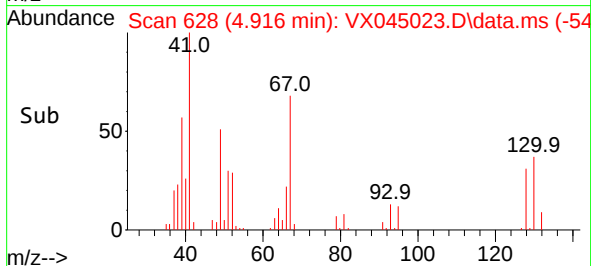
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBS01



Tgt Ion:	41	Resp:	29734
Ion	Ratio	Lower	Upper
41	100		
39	56.4	27.8	83.4
67	64.5	31.5	94.5
52	27.6	12.8	38.4

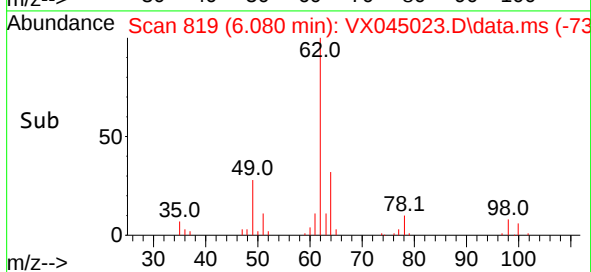
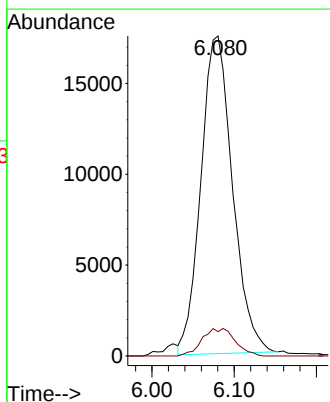
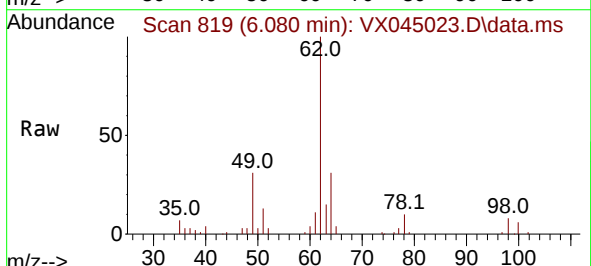
Manual Integrations
APPROVED

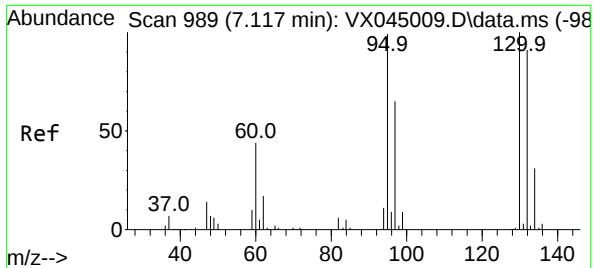
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#36
1,2-Dichloroethane
Concen: 21.220 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

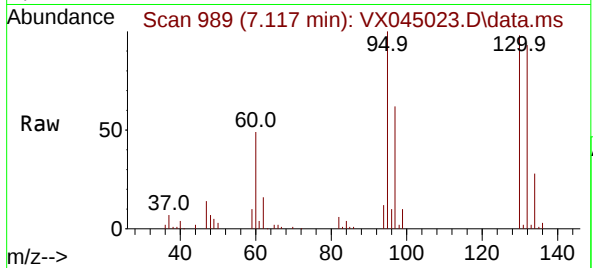
Tgt Ion:	62	Resp:	46803
Ion	Ratio	Lower	Upper
62	100		
98	4.9	7.9	11.9#





#37
Trichloroethene
Concen: 22.027 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

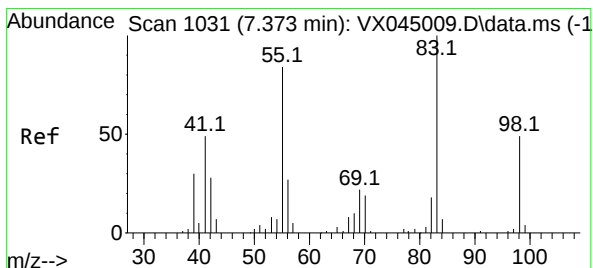
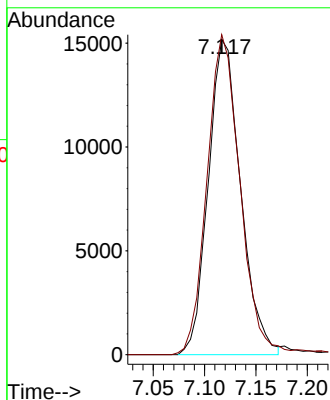
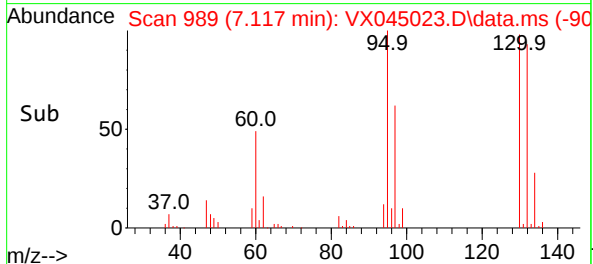
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBS01



Tgt Ion:130 Resp: 3319
Ion Ratio Lower Upper
130 100
95 100.9 79.0 118.4

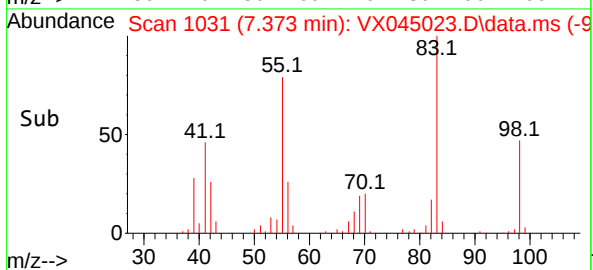
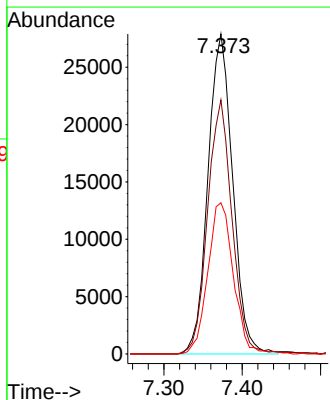
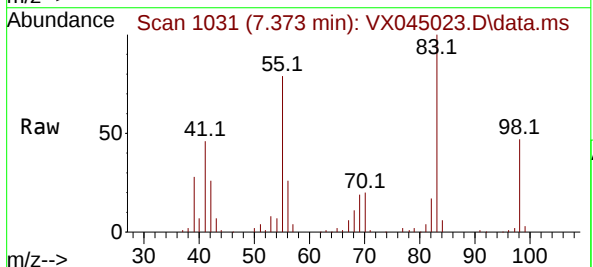
Manual Integrations
APPROVED

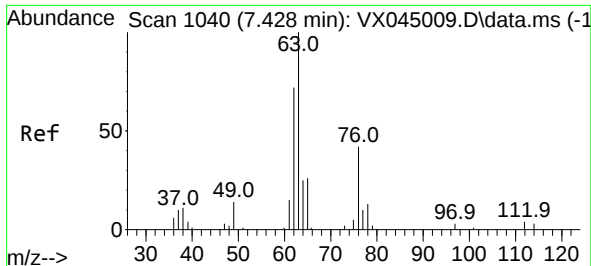
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#38
Methylcyclohexane
Concen: 22.197 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

Tgt Ion: 83 Resp: 61226
Ion Ratio Lower Upper
83 100
55 78.9 40.6 122.0
98 49.0 24.9 74.6





#39

1,2-Dichloropropane

Concen: 22.288 ug/l

RT: 7.422 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045023.D

Acq: 24 Feb 2025 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX0224WBS01

Tgt Ion: 63 Resp: 35690

Ion Ratio Lower Upper

63 100

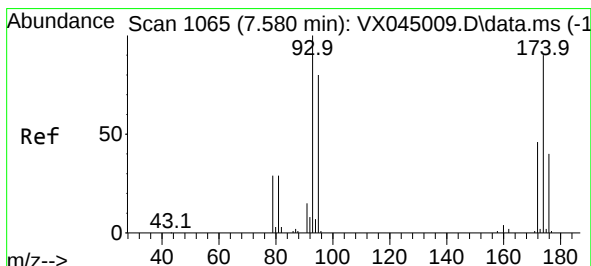
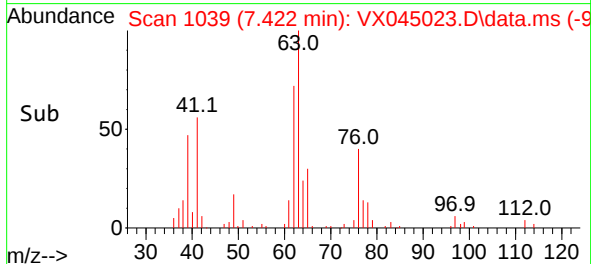
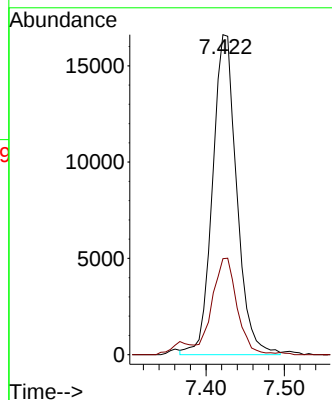
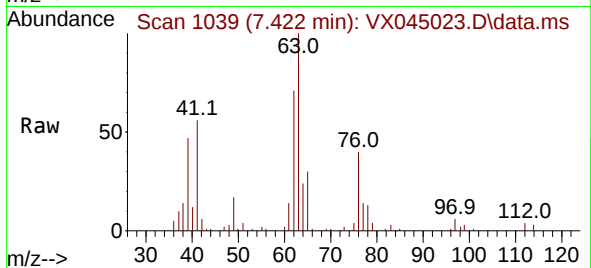
65 29.5 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#40

Dibromomethane

Concen: 22.620 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX045023.D

Acq: 24 Feb 2025 10:46

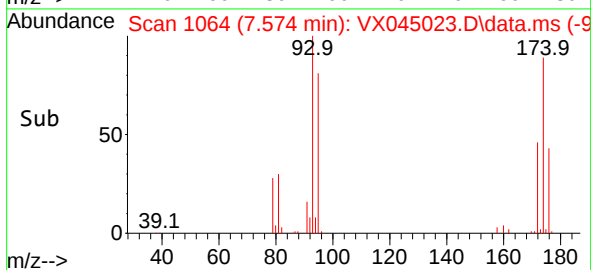
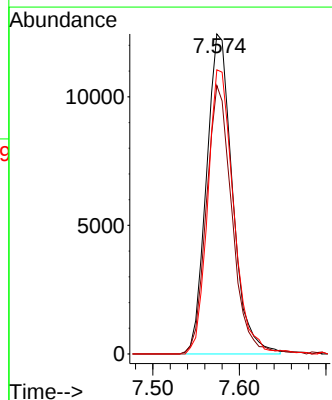
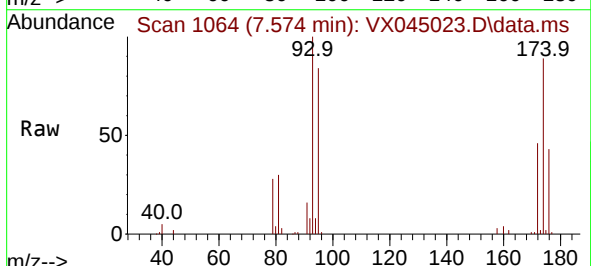
Tgt Ion: 93 Resp: 25997

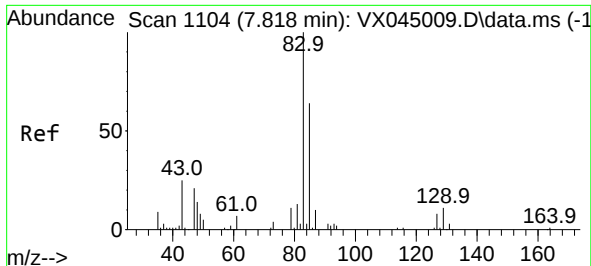
Ion Ratio Lower Upper

93 100

95 82.4 0.0 162.6

174 87.7 0.0 178.8





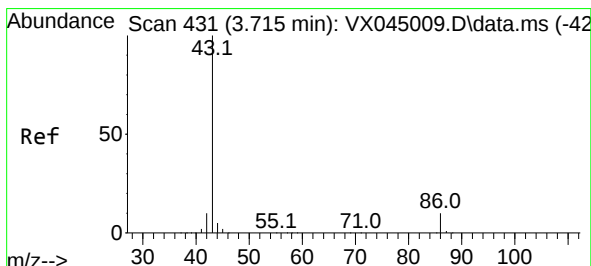
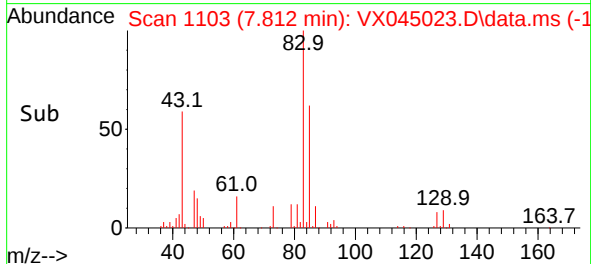
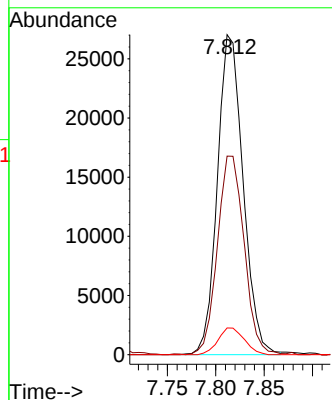
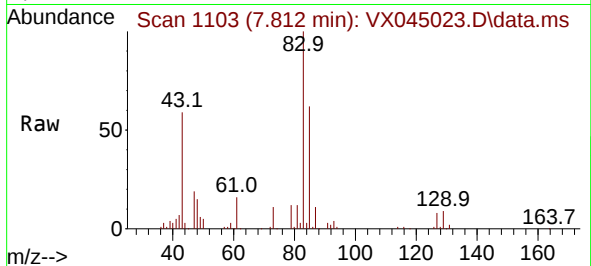
#41
Bromodichloromethane
Concen: 21.899 ug/l
RT: 7.812 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX0224WBS01

Tgt Ion: 83 Resp: 5002
Ion Ratio Lower Upper
83 100
85 61.9 51.0 76.6
127 8.4 6.1 9.1

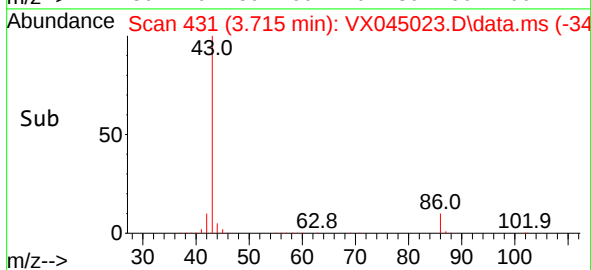
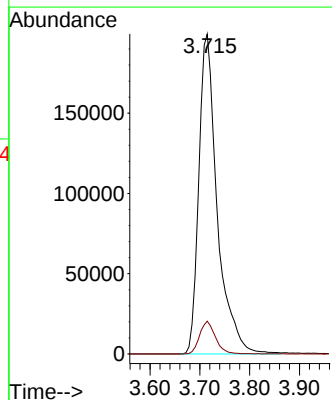
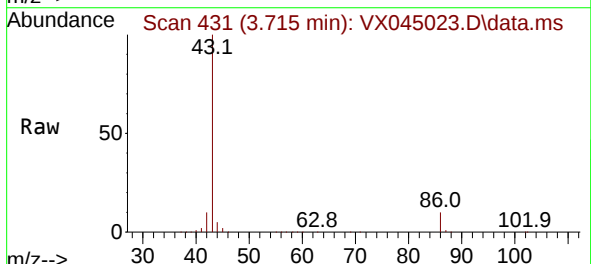
Manual Integrations
APPROVED

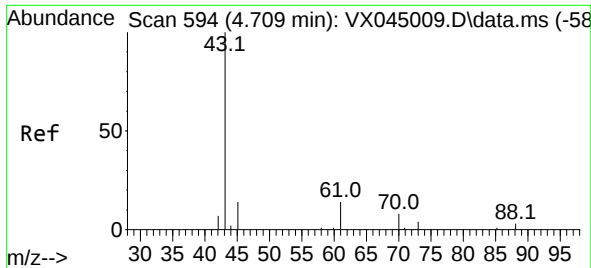
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#42
Vinyl Acetate
Concen: 111.102 ug/l
RT: 3.715 min Scan# 431
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

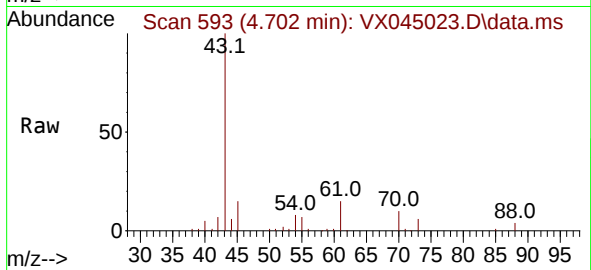
Tgt Ion: 43 Resp: 511555
Ion Ratio Lower Upper
43 100
86 8.8 7.0 10.4





#43
Ethyl Acetate
Concen: 22.110 ug/l
RT: 4.702 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

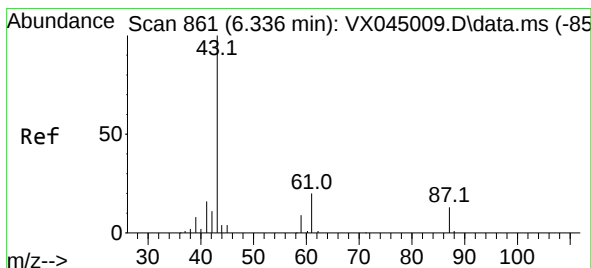
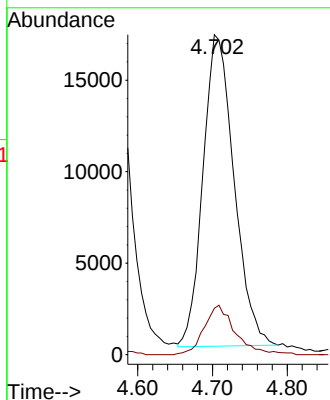
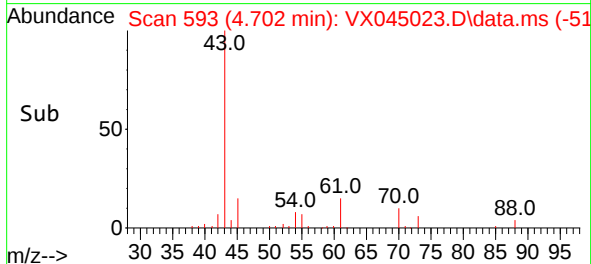
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBS01



Tgt Ion: 43 Resp: 4919
Ion Ratio Lower Upper
43 100
45 15.5 12.7 19.1

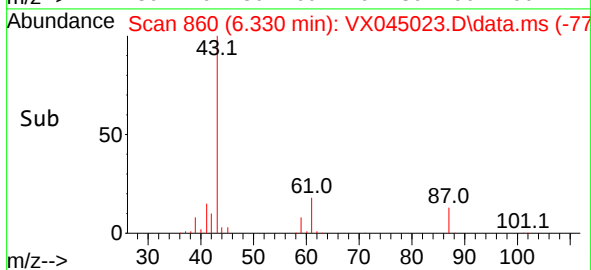
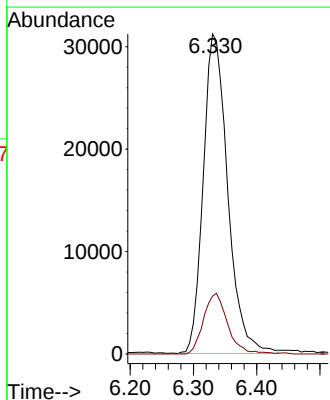
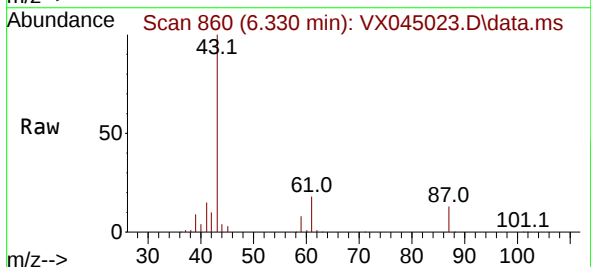
Manual Integrations
APPROVED

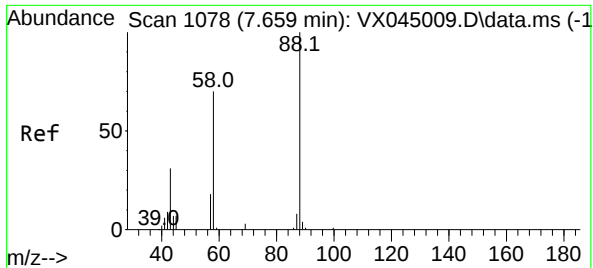
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#44
Isopropyl Acetate
Concen: 22.932 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

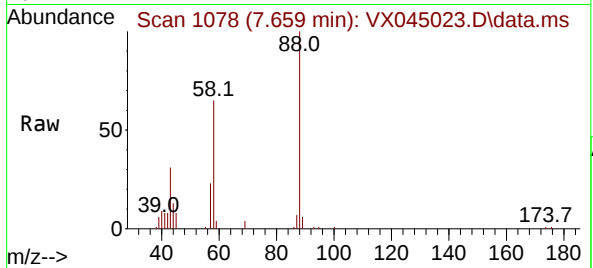
Tgt Ion: 43 Resp: 83983
Ion Ratio Lower Upper
43 100
61 18.2 15.5 23.3





#45
1,4-Dioxane
Concen: 466.680 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

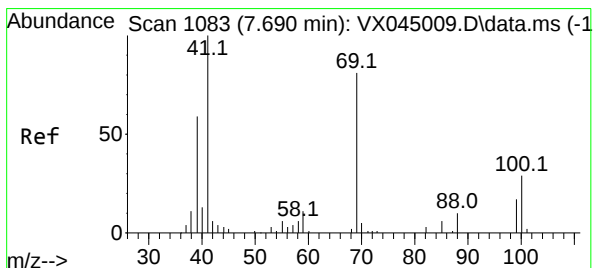
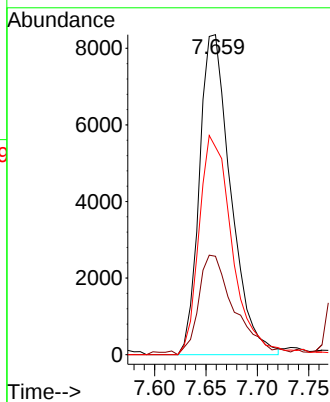
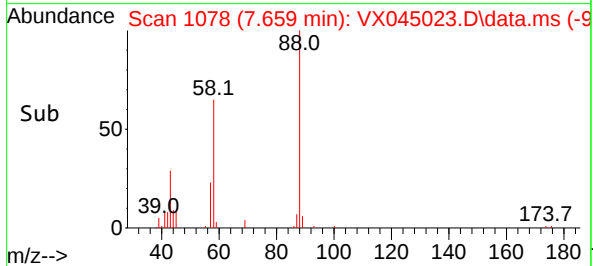
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBS01



Tgt Ion: 88 Resp: 1776
Ion Ratio Lower Upper
88 100
43 34.8 29.6 44.4
58 71.6 56.2 84.4

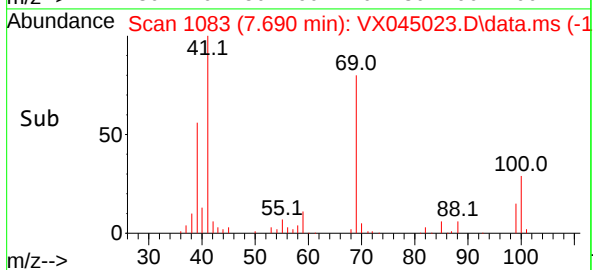
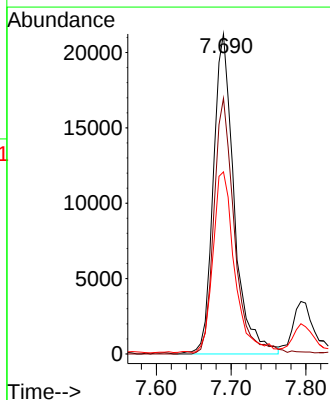
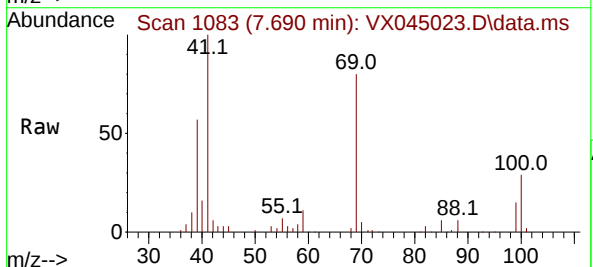
Manual Integrations
APPROVED

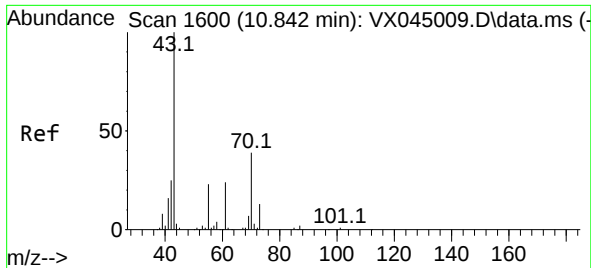
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#46
Methyl methacrylate
Concen: 22.961 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

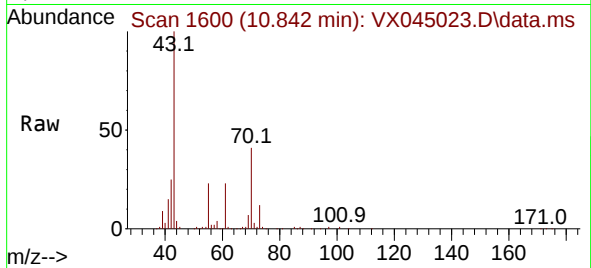
Tgt Ion: 41 Resp: 41234
Ion Ratio Lower Upper
41 100
69 79.9 40.7 122.1
39 56.4 29.5 88.5





#47
n-amy1 Acetate
Concen: 22.513 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

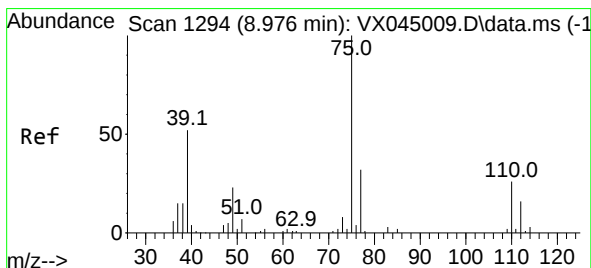
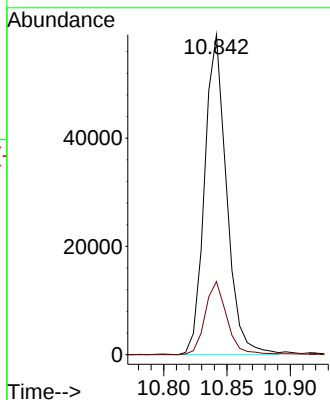
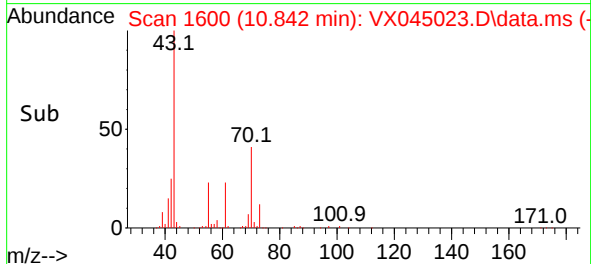
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBS01



Tgt Ion: 43 Resp: 71544
Ion Ratio Lower Upper
43 100
55 22.9 18.6 27.8

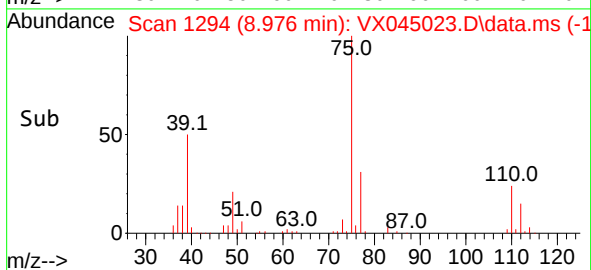
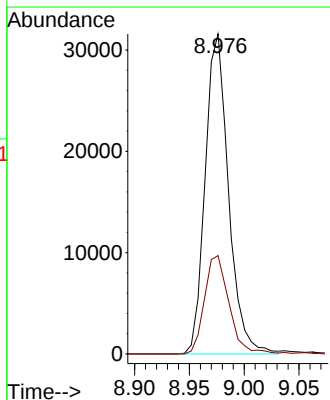
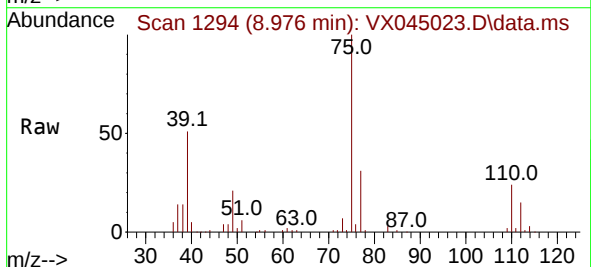
Manual Integrations
APPROVED

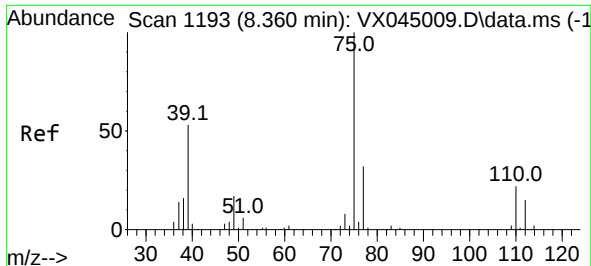
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#48
t-1,3-Dichloropropene
Concen: 21.270 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

Tgt Ion: 75 Resp: 46831
Ion Ratio Lower Upper
75 100
77 30.7 25.7 38.5





#49

cis-1,3-Dichloropropene

Concen: 21.700 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045023.D

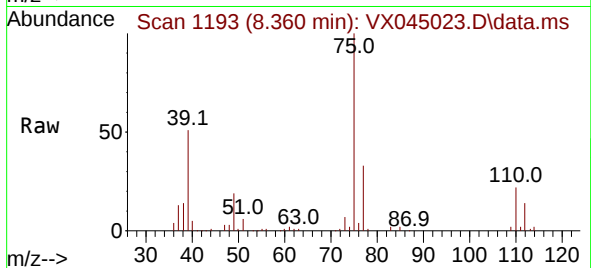
Acq: 24 Feb 2025 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX0224WBS01



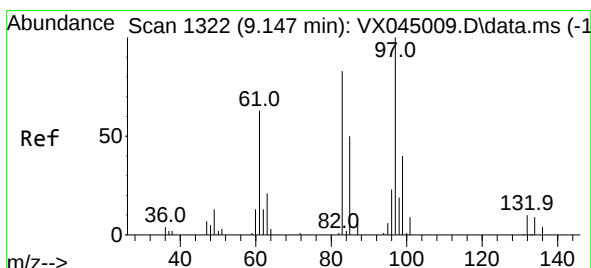
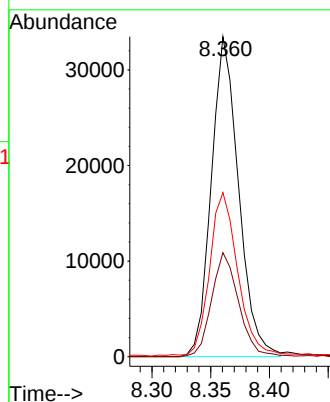
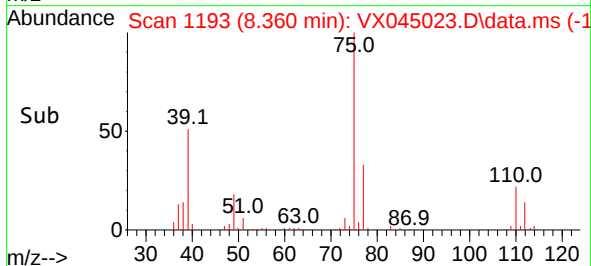
Tgt Ion:	75	Resp:	5408
Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.9	38.9
39	50.8	42.3	63.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#50

1,1,2-Trichloroethane

Concen: 22.216 ug/l

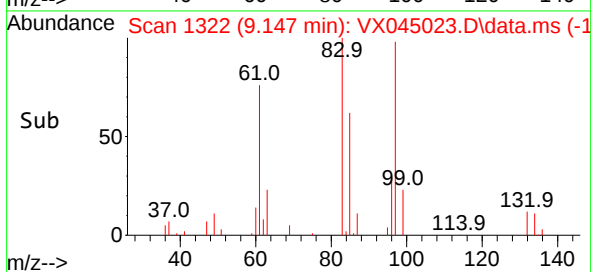
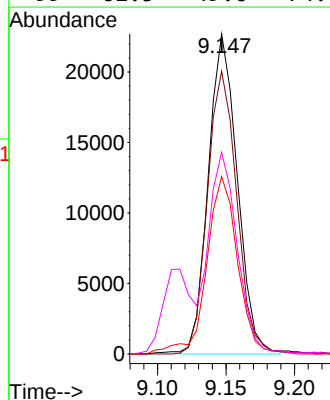
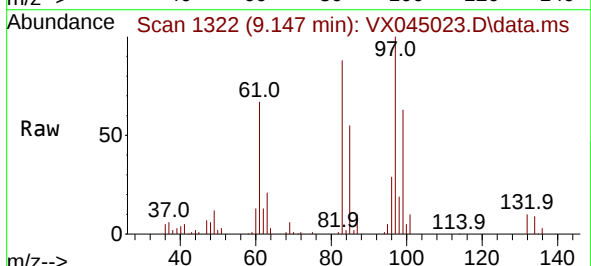
RT: 9.147 min Scan# 1322

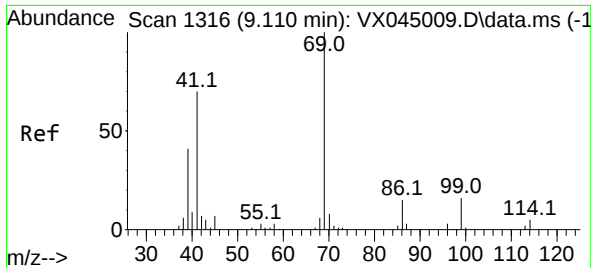
Delta R.T. 0.000 min

Lab File: VX045023.D

Acq: 24 Feb 2025 10:46

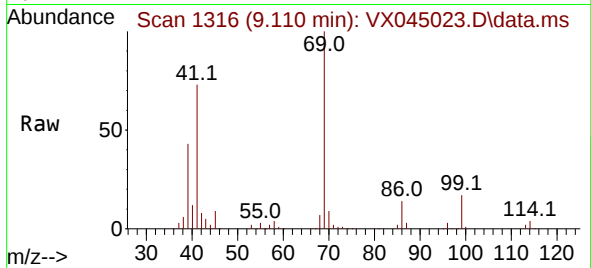
Tgt Ion:	97	Resp:	33305
Ion	Ratio	Lower	Upper
97	100		
83	88.7	66.0	99.0
85	54.9	42.5	63.7
99	62.5	49.6	74.4





#51
Ethyl methacrylate
Concen: 22.503 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

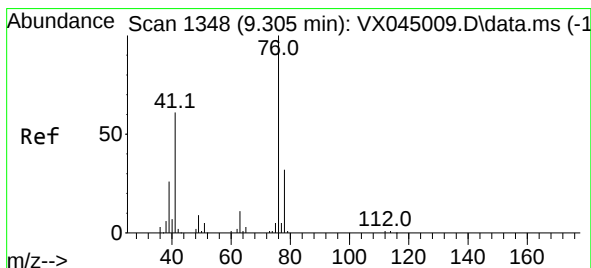
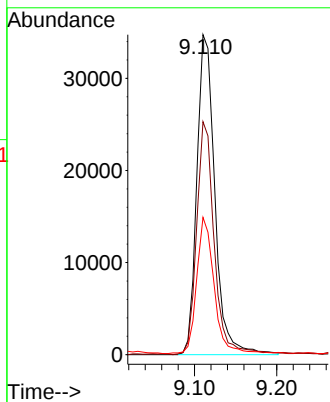
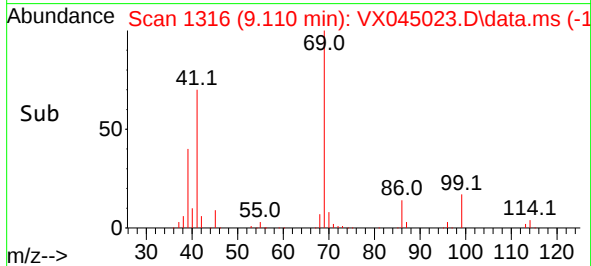
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBS01



Tgt Ion: 69 Resp: 5305
Ion Ratio Lower Upper
69 100
41 72.5 35.1 105.3
39 42.3 20.5 61.6

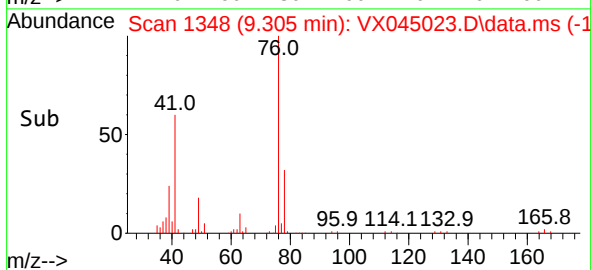
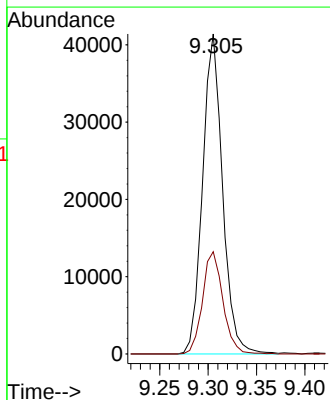
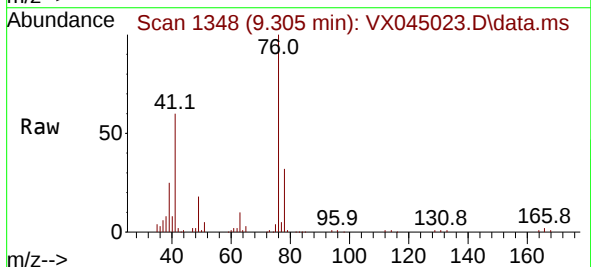
Manual Integrations
APPROVED

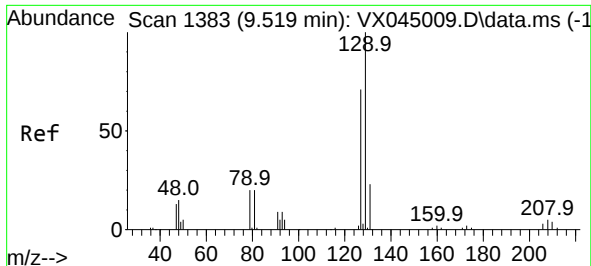
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#52
1,3-Dichloropropane
Concen: 22.683 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

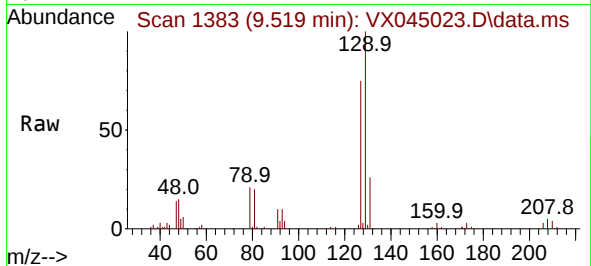
Tgt Ion: 76 Resp: 59584
Ion Ratio Lower Upper
76 100
78 32.6 0.0 63.6





#53
 Dibromochloromethane
 Concen: 22.449 ug/l
 RT: 9.519 min Scan# 1383
 Delta R.T. 0.000 min
 Lab File: VX045023.D
 Acq: 24 Feb 2025 10:46

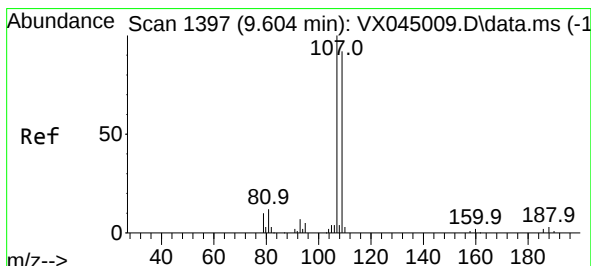
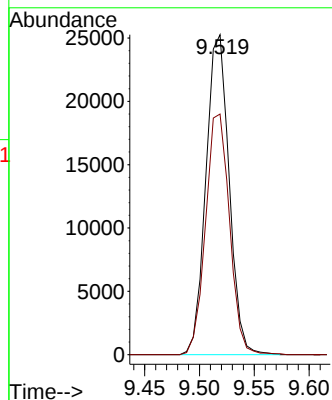
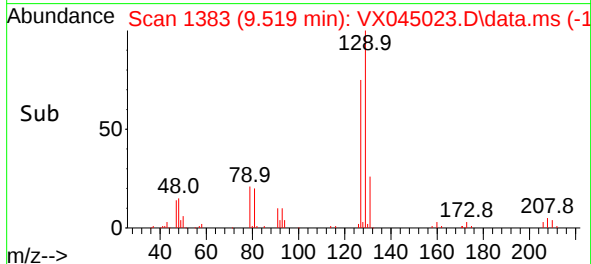
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0224WBS01



Tgt Ion:129 Resp: 37220
 Ion Ratio Lower Upper
 129 100
 127 77.7 37.3 111.9

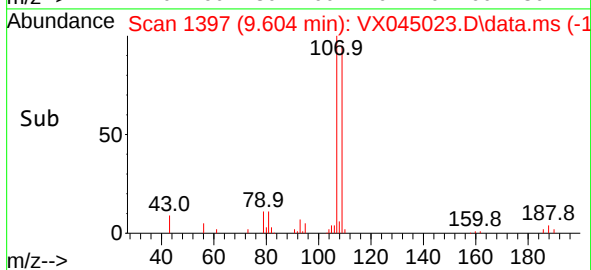
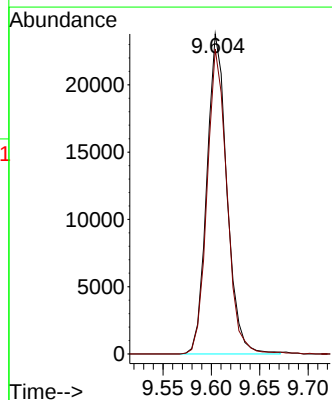
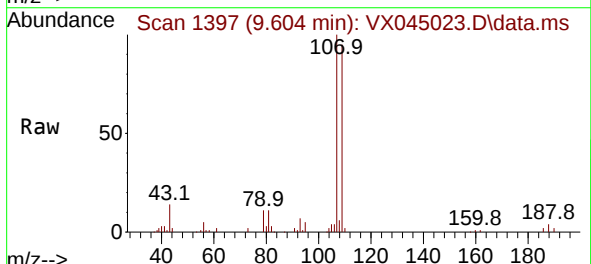
Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/25/2025
 Supervised By :Mahesh Dadoda 02/25/2025



#54
 1,2-Dibromoethane
 Concen: 22.638 ug/l
 RT: 9.604 min Scan# 1397
 Delta R.T. 0.000 min
 Lab File: VX045023.D
 Acq: 24 Feb 2025 10:46

Tgt Ion:107 Resp: 34461
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.8 113.8





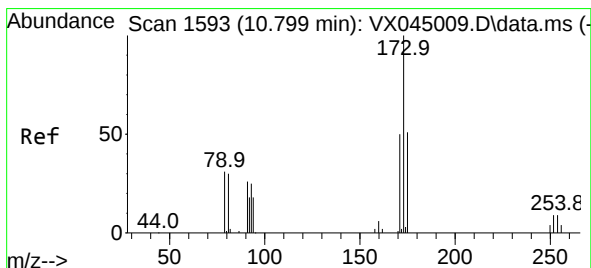
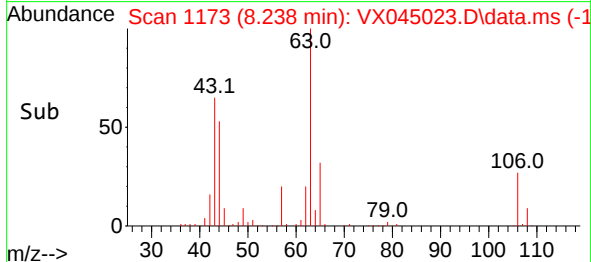
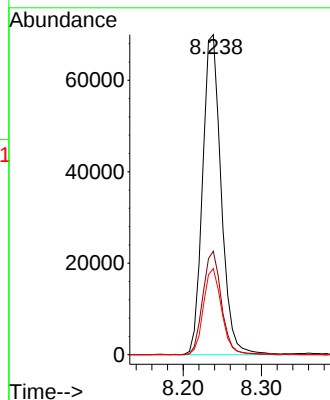
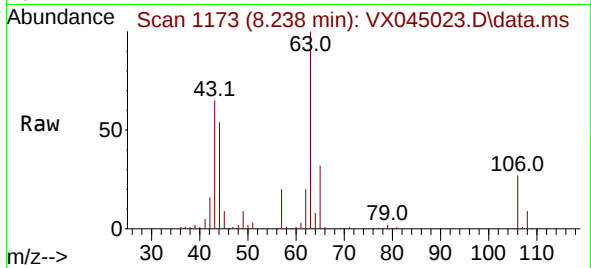
#55
2-Chloroethyl vinyl ether
Concen: 95.113 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX0224WBS01

Tgt Ion: 63 Resp: 115159
Ion Ratio Lower Upper
63 100
65 32.2 26.2 39.2
106 26.4 21.2 31.8

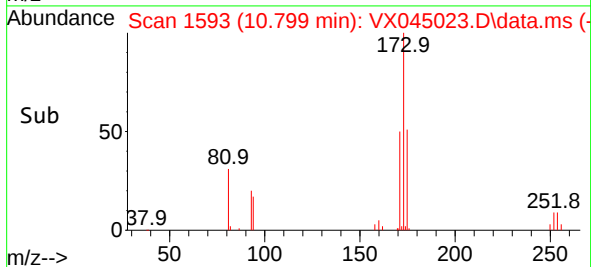
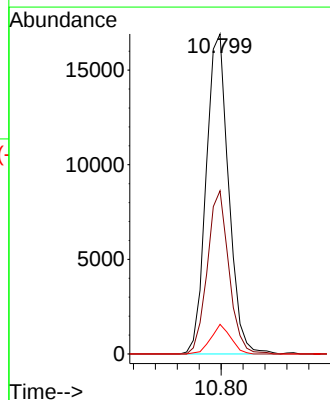
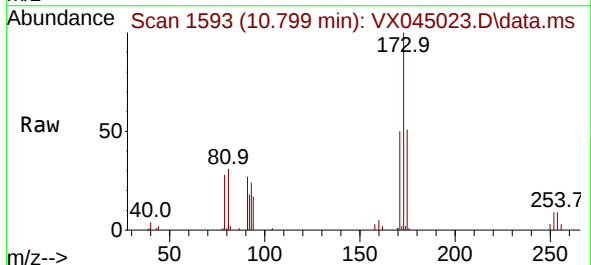
Manual Integrations
APPROVED

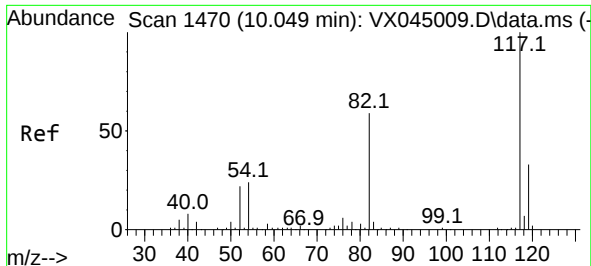
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#56
Bromoform
Concen: 23.103 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

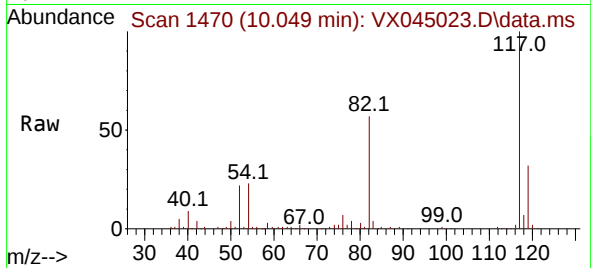
Tgt Ion:173 Resp: 24003
Ion Ratio Lower Upper
173 100
175 49.0 39.6 59.4
254 8.2 6.3 9.5





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

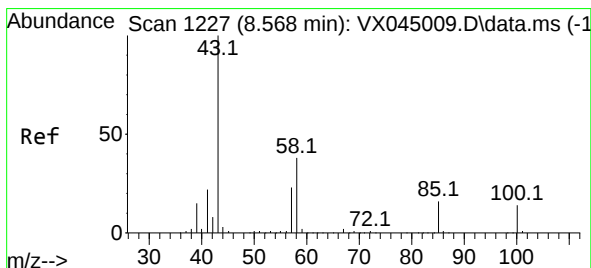
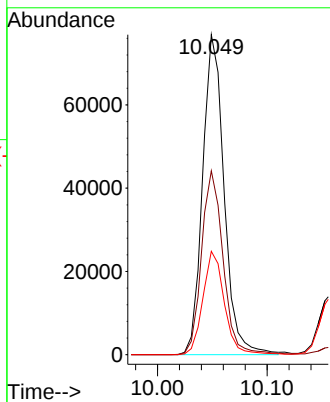
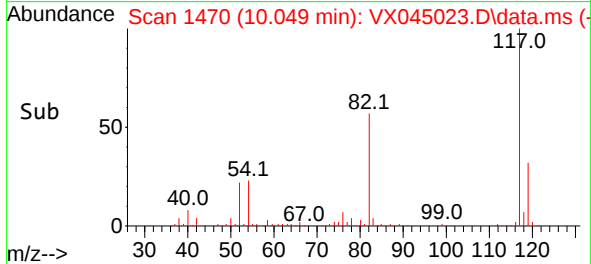
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBS01



Tgt Ion: 117 Resp: 104790
Ion Ratio Lower Upper
117 100
82 57.8 45.8 68.8
119 32.2 25.5 38.3

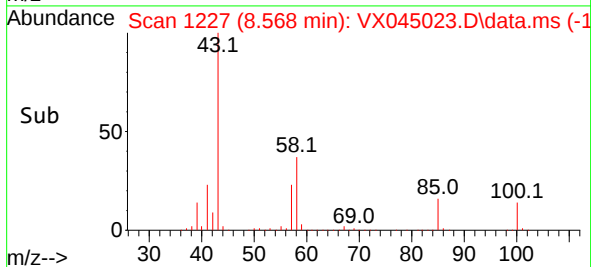
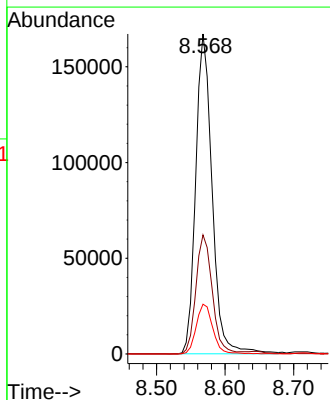
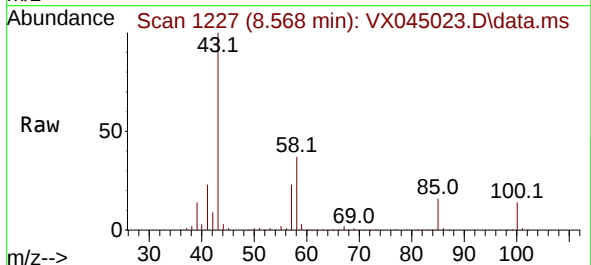
Manual Integrations
APPROVED

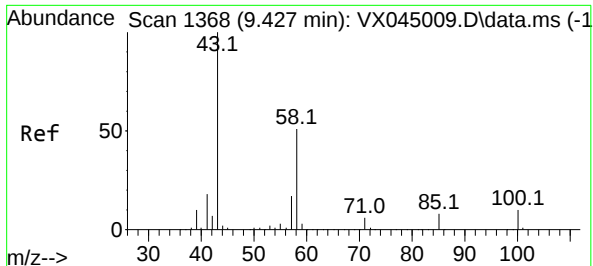
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#58
4-Methyl-2-Pentanone
Concen: 117.142 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

Tgt Ion: 43 Resp: 279253
Ion Ratio Lower Upper
43 100
58 37.0 29.5 44.3
85 15.7 12.9 19.3





#59

2-Hexanone

Concen: 119.366 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX045023.D

Acq: 24 Feb 2025 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX0224WBS01

Tgt Ion: 43 Resp: 205679

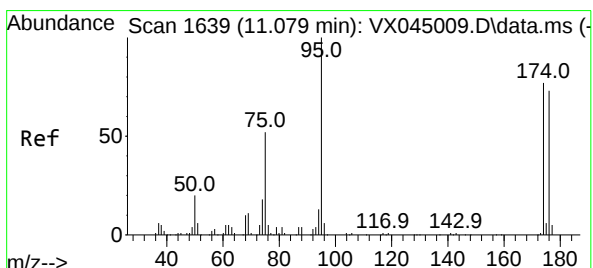
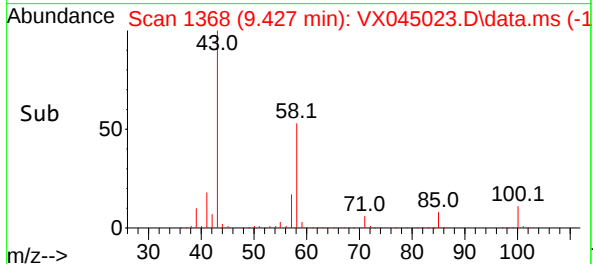
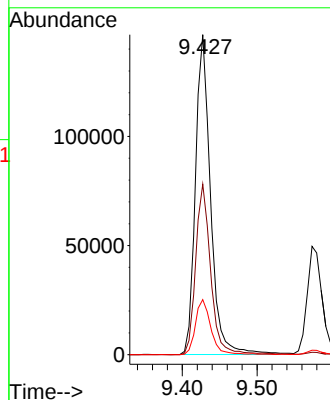
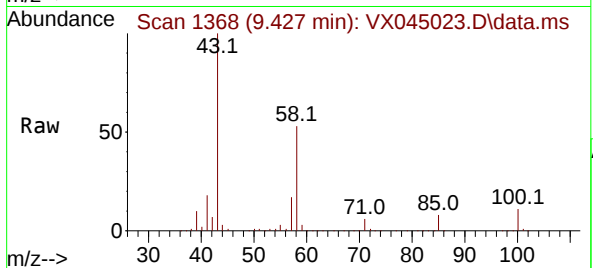
Ion	Ratio	Lower	Upper
43	100		
58	53.1	41.6	62.4
57	17.5	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#60

4-Bromofluorobenzene

Concen: 29.941 ug/l

RT: 11.079 min Scan# 1639

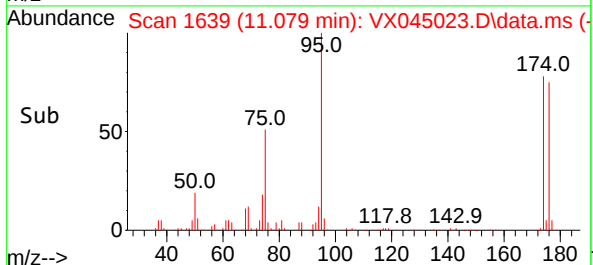
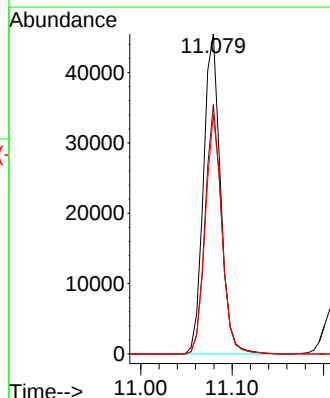
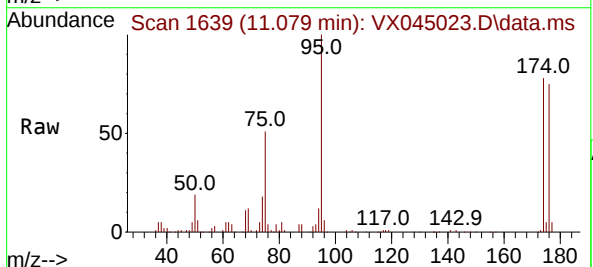
Delta R.T. 0.000 min

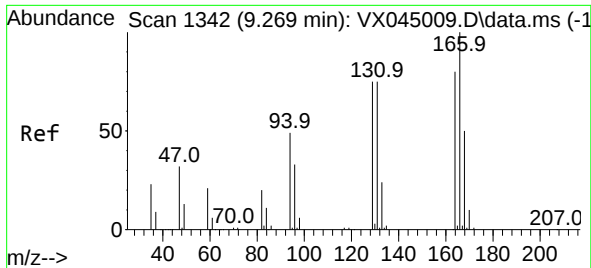
Lab File: VX045023.D

Acq: 24 Feb 2025 10:46

Tgt Ion: 95 Resp: 58648

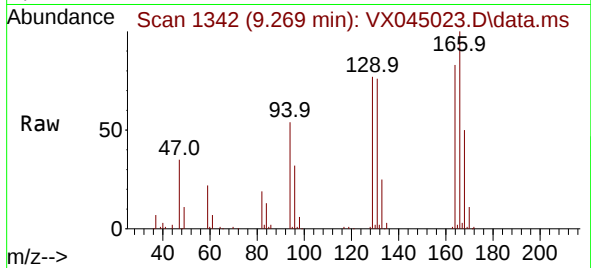
Ion	Ratio	Lower	Upper
95	100		
174	75.8	59.5	89.3
176	73.2	55.5	83.3





#61
Tetrachloroethene
Concen: 22.535 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

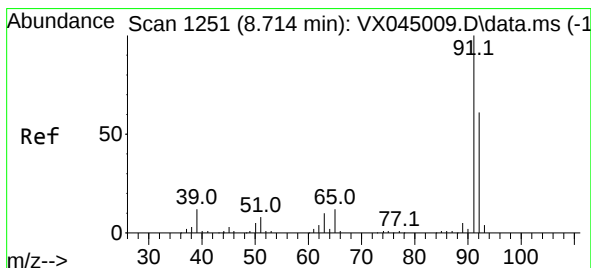
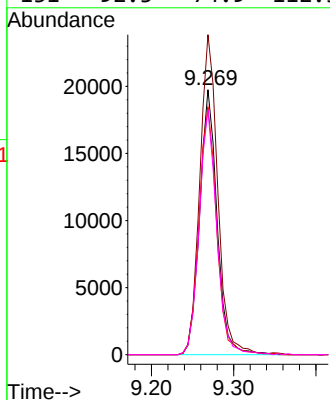
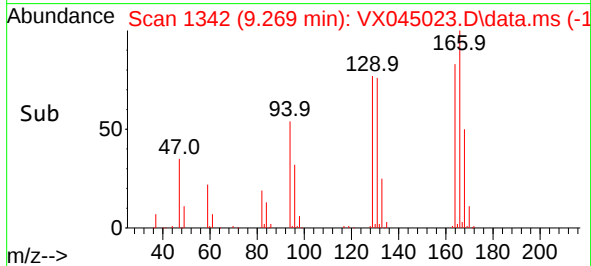
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBS01



Tgt Ion:164 Resp: 29080
Ion Ratio Lower Upper
164 100
166 120.8 100.3 150.5
129 93.4 75.5 113.3
131 92.3 74.9 112.3

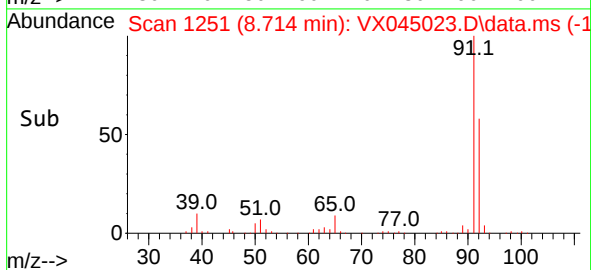
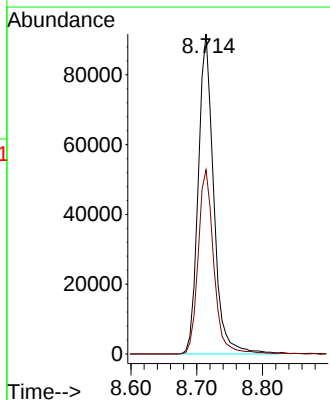
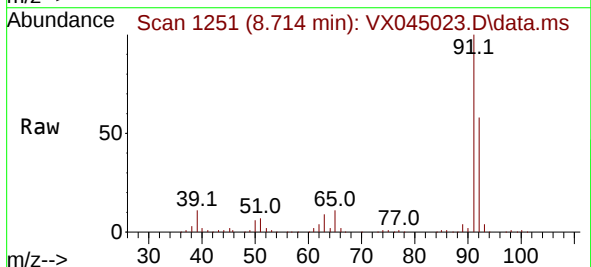
Manual Integrations
APPROVED

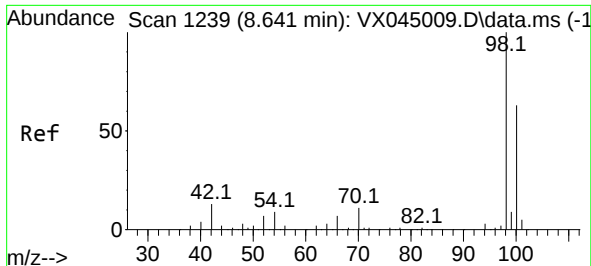
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#62
Toluene
Concen: 21.602 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

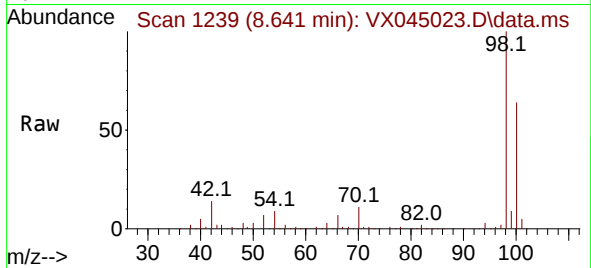
Tgt Ion: 91 Resp: 149963
Ion Ratio Lower Upper
91 100
92 58.1 46.9 70.3





#63
Toluene-d8
Concen: 29.946 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

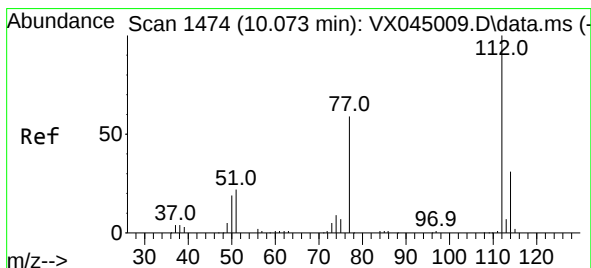
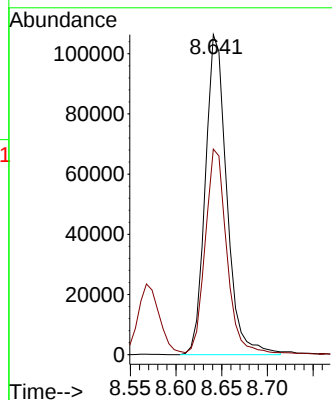
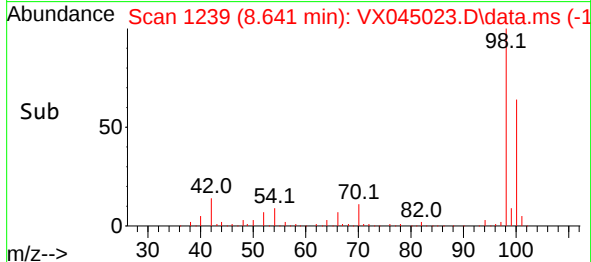
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBS01



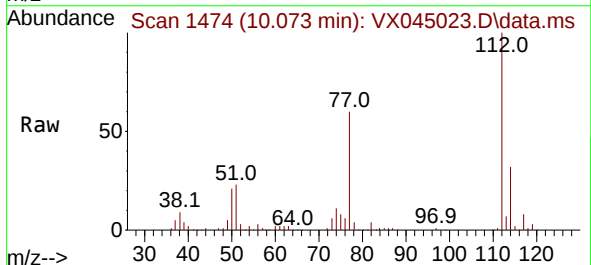
Tgt Ion: 98 Resp: 173612
Ion Ratio Lower Upper
98 100
100 65.3 51.7 77.5

Manual Integrations
APPROVED

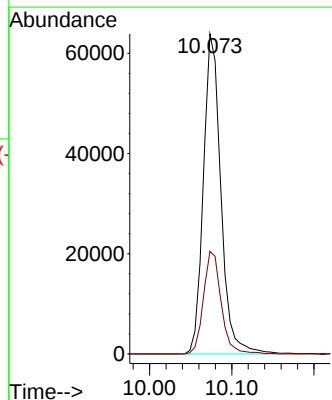
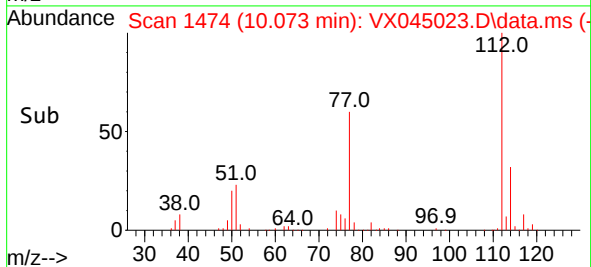
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

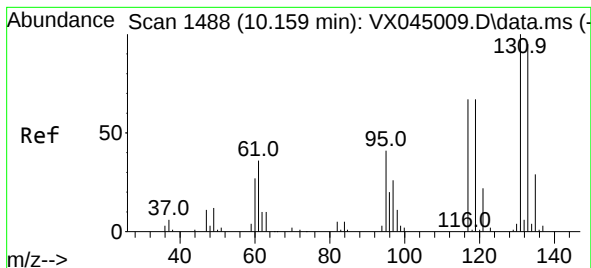


#64
Chlorobenzene
Concen: 21.946 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46



Tgt Ion:112 Resp: 94408
Ion Ratio Lower Upper
112 100
114 32.1 24.7 37.1





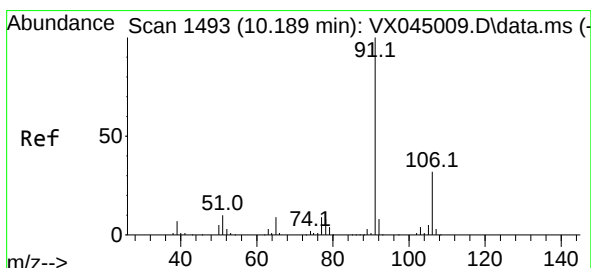
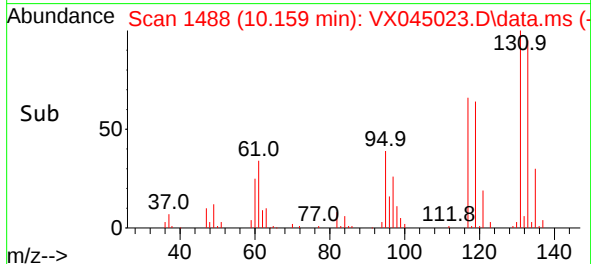
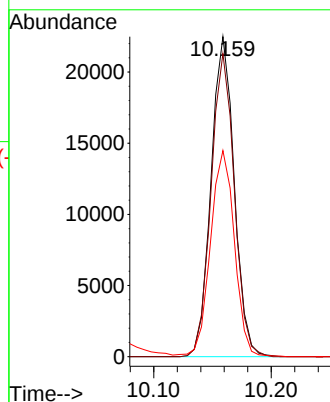
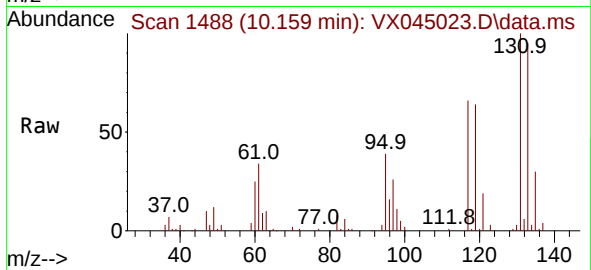
#65
1,1,1,2-Tetrachloroethane
Concen: 21.684 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX0224WBS01

Tgt Ion:131 Resp: 30780
Ion Ratio Lower Upper
131 100
133 95.1 0.0 187.8
119 66.8 0.0 133.0

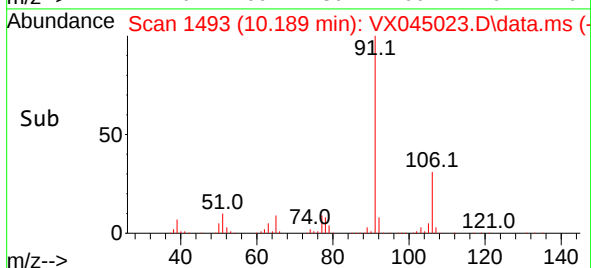
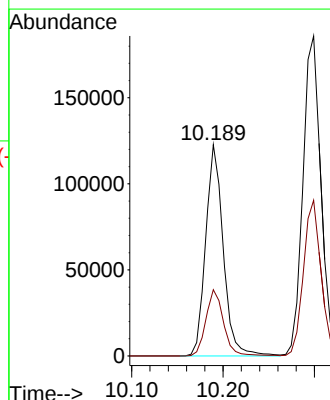
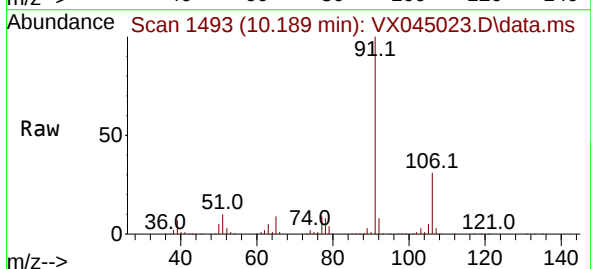
Manual Integrations
APPROVED

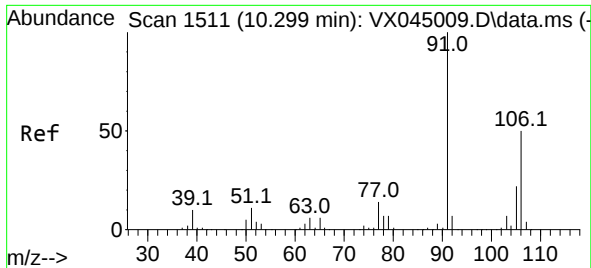
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#66
Ethyl Benzene
Concen: 21.568 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

Tgt Ion: 91 Resp: 163919
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.2





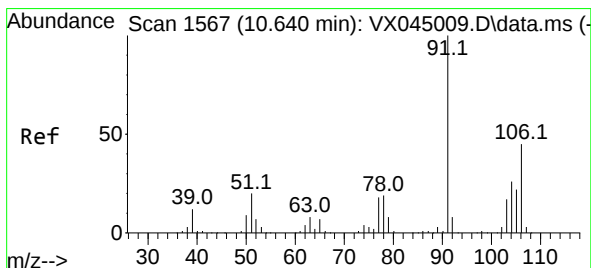
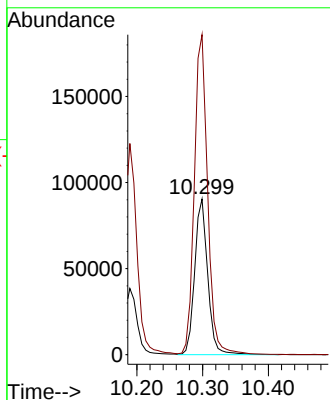
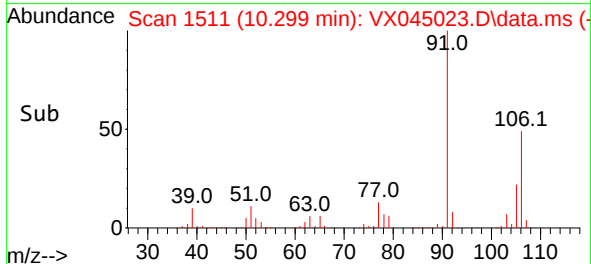
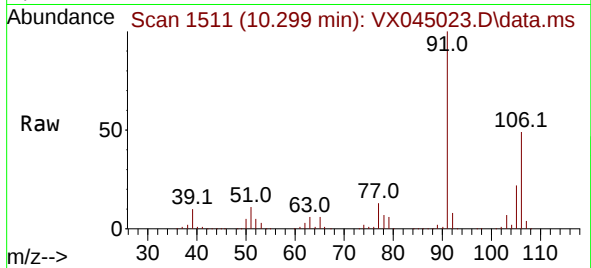
#67
m/p-Xylenes
Concen: 43.993 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX0224WBS01

Tgt Ion:106 Resp: 124570
Ion Ratio Lower Upper
106 100
91 208.6 163.7 245.5

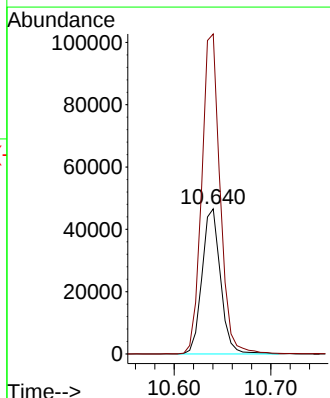
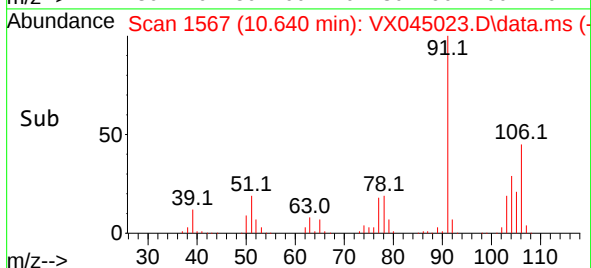
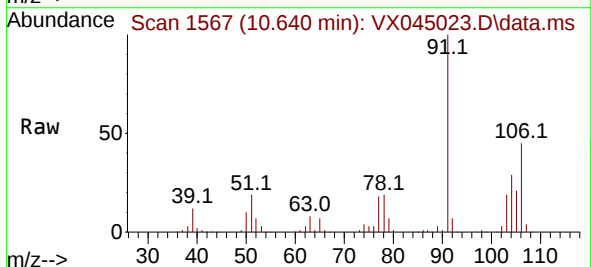
Manual Integrations
APPROVED

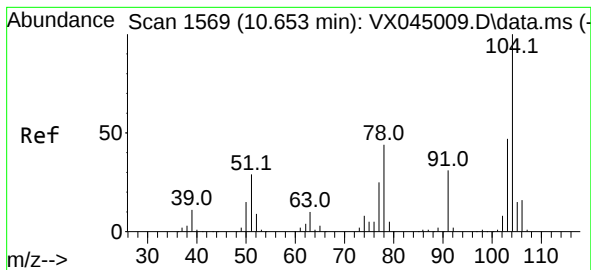
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#68
o-Xylene
Concen: 22.323 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

Tgt Ion:106 Resp: 62022
Ion Ratio Lower Upper
106 100
91 219.6 109.7 329.1





#69

Styrene

Concen: 22.303 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX045023.D

Acq: 24 Feb 2025 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX0224WBS01

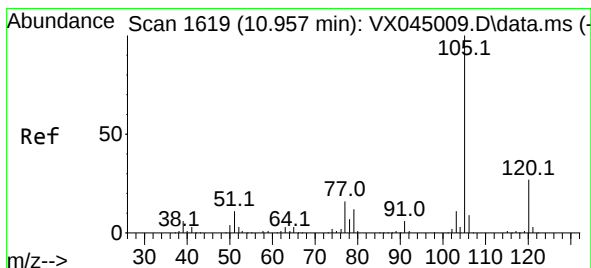
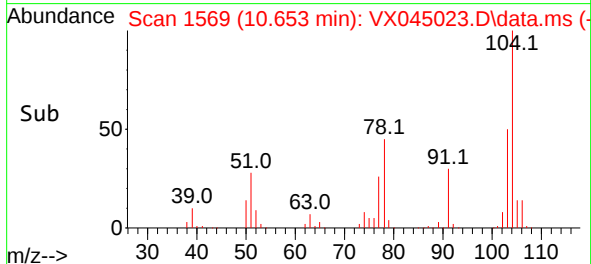
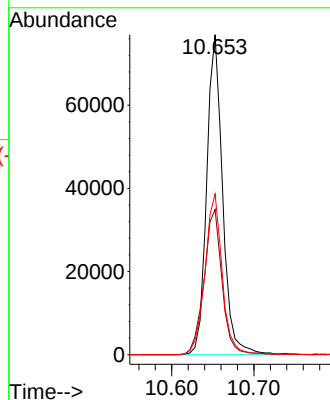
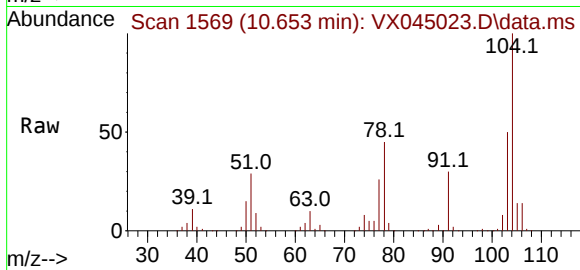
Tgt Ion:104 Resp: 103492
 Ion Ratio Lower Upper
 104 100
 78 51.1 41.4 62.0
 103 54.5 43.0 64.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#70

Isopropylbenzene

Concen: 22.373 ug/l

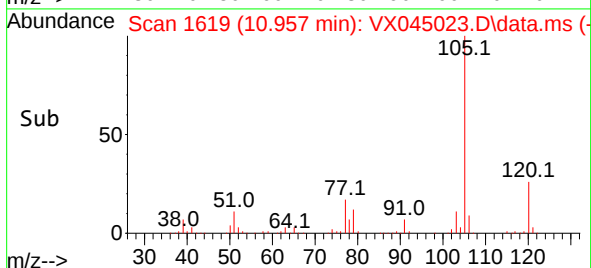
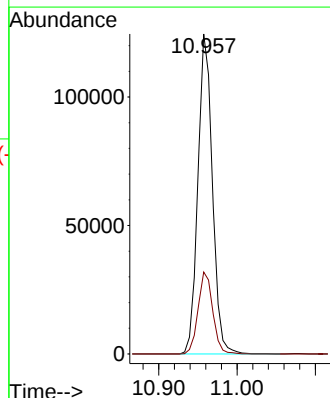
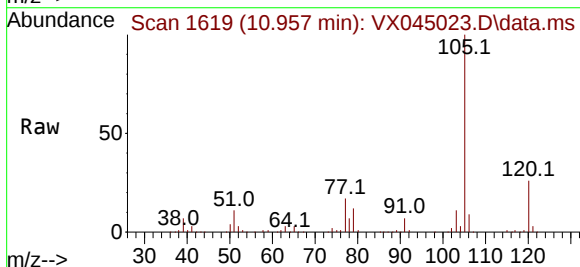
RT: 10.957 min Scan# 1619

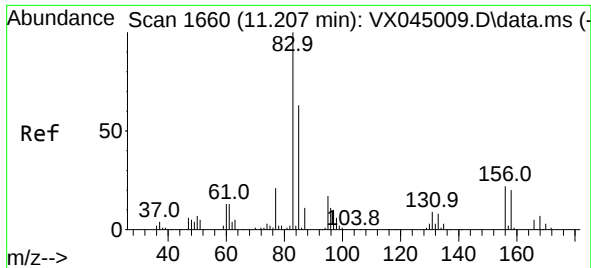
Delta R.T. 0.000 min

Lab File: VX045023.D

Acq: 24 Feb 2025 10:46

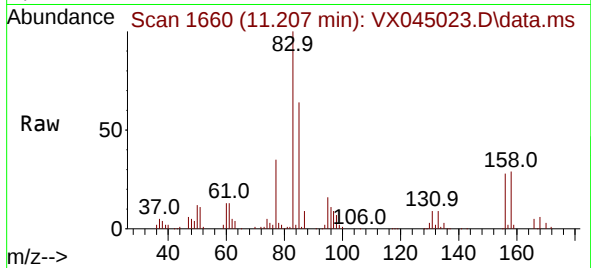
Tgt Ion:105 Resp: 160413
 Ion Ratio Lower Upper
 105 100
 120 25.9 18.4 34.2





#71
1,1,2,2-Tetrachloroethane
Concen: 22.474 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

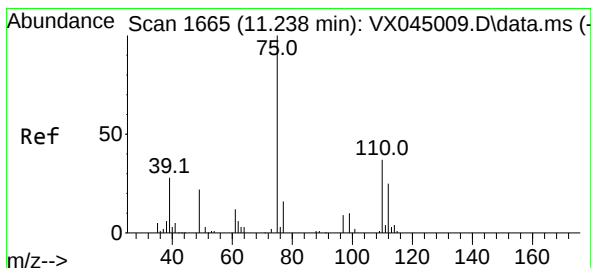
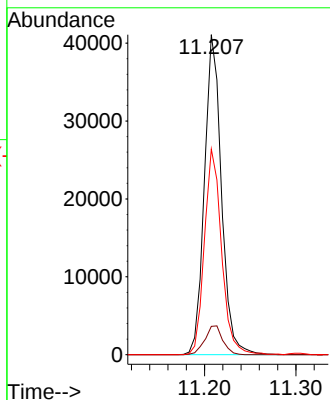
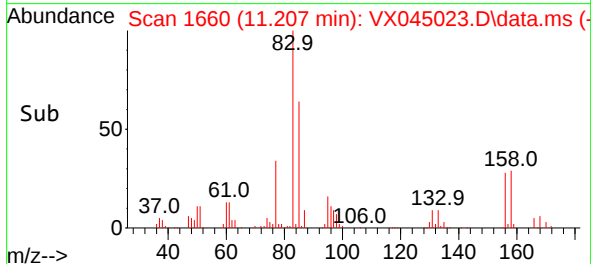
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBS01



Tgt Ion: 83 Resp: 5298
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.3
85 64.7 32.3 96.8

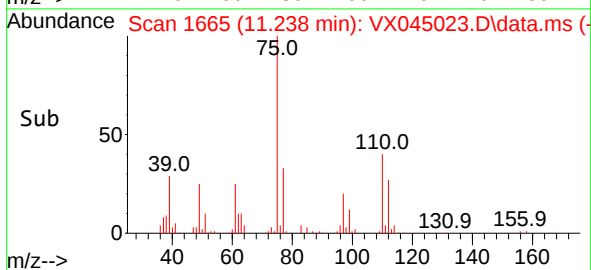
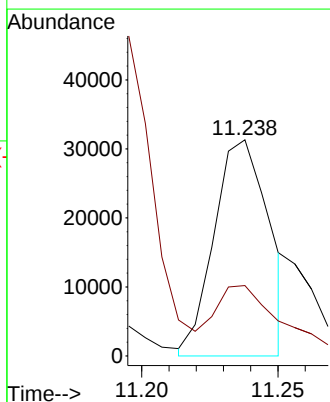
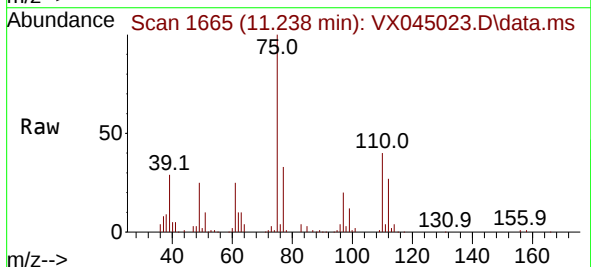
Manual Integrations
APPROVED

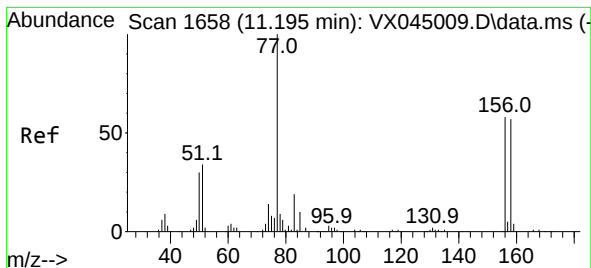
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#72
1,2,3-Trichloropropane
Concen: 22.626 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

Tgt Ion: 75 Resp: 43876
Ion Ratio Lower Upper
75 100
77 40.4 0.0 84.0





#73

Bromobenzene

Concen: 22.895 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX045023.D

Acq: 24 Feb 2025 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX0224WBS01

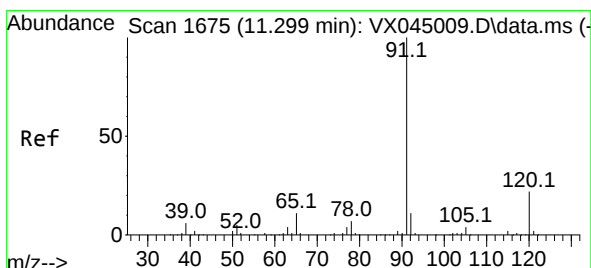
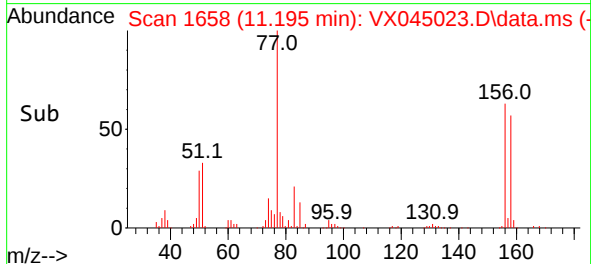
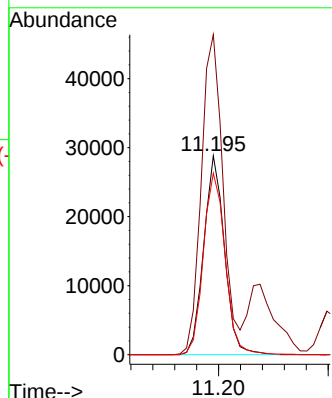
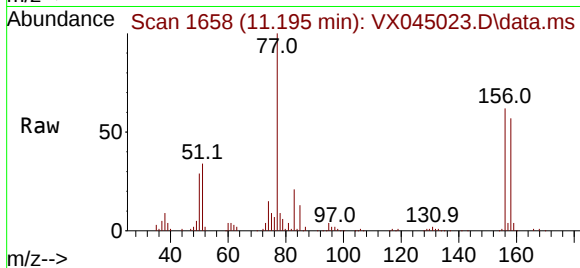
Tgt Ion:	156	Resp:	37790
Ion Ratio	Lower	Upper	
156	100		
77	168.2	0.0	347.2
158	96.1	0.0	197.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#74

n-propylbenzene

Concen: 22.439 ug/l

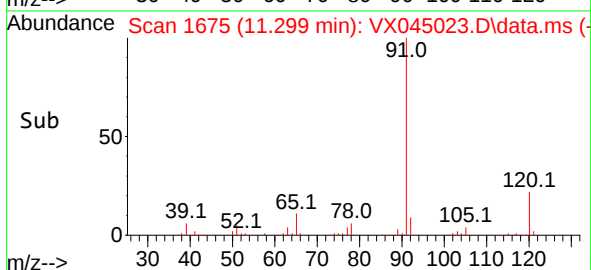
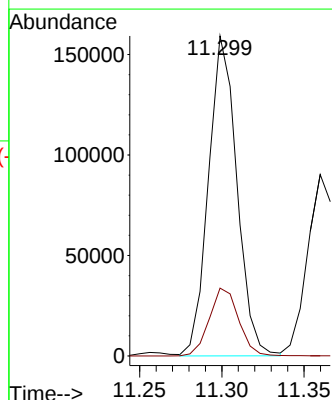
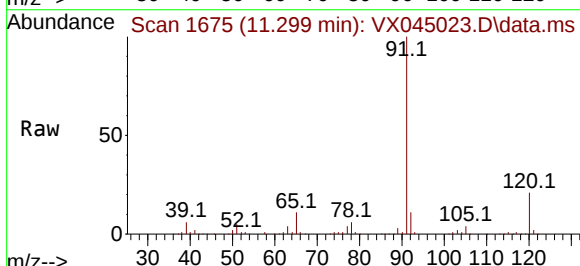
RT: 11.299 min Scan# 1675

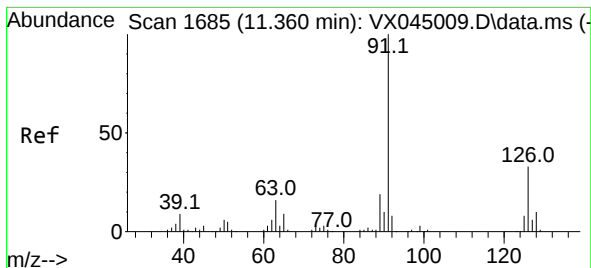
Delta R.T. -0.000 min

Lab File: VX045023.D

Acq: 24 Feb 2025 10:46

Tgt Ion:	91	Resp:	191455
Ion Ratio	Lower	Upper	
91	100		
120	21.9	0.0	44.2





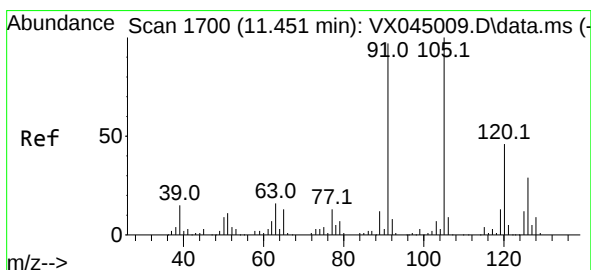
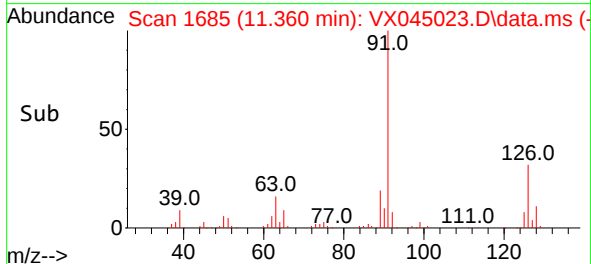
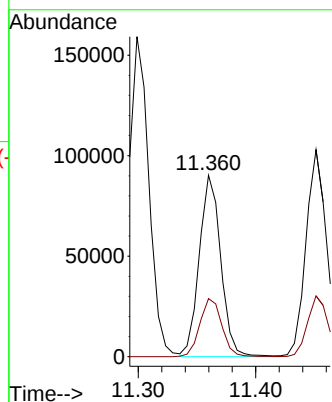
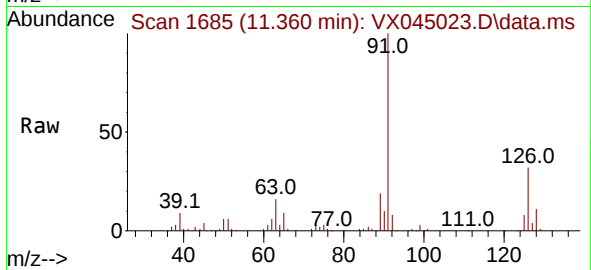
#75
2-Chlorotoluene
Concen: 22.306 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX0224WBS01

Tgt Ion: 91 Resp: 115060
Ion Ratio Lower Upper
91 100
126 32.6 0.0 65.4

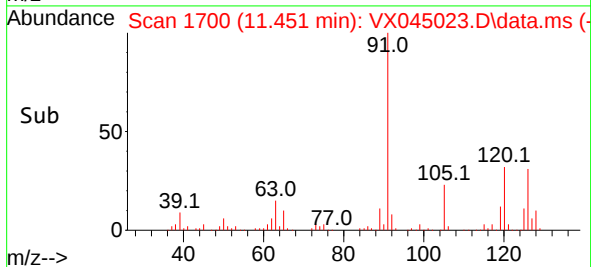
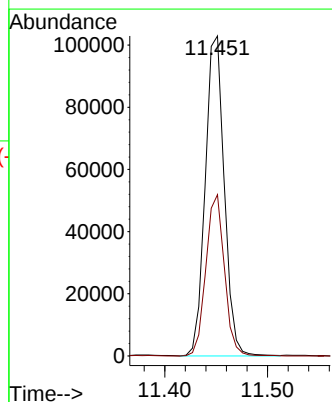
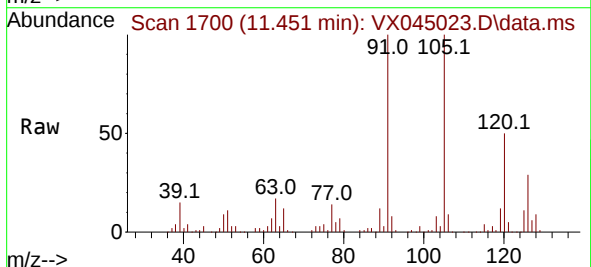
Manual Integrations
APPROVED

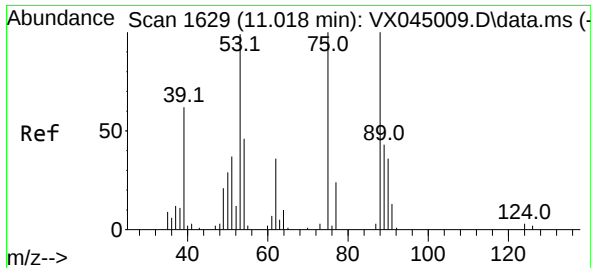
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#76
1,3,5-Trimethylbenzene
Concen: 22.442 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

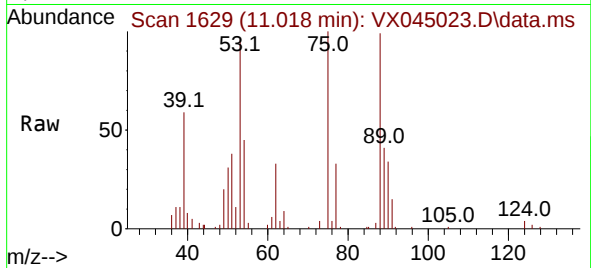
Tgt Ion:105 Resp: 132745
Ion Ratio Lower Upper
105 100
120 49.1 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 21.006 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

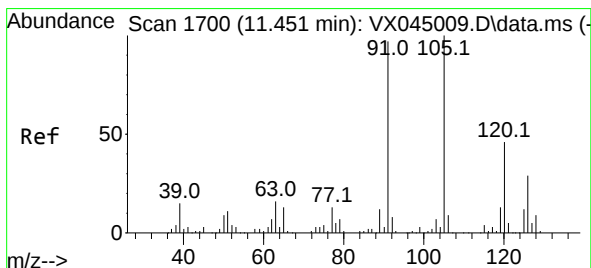
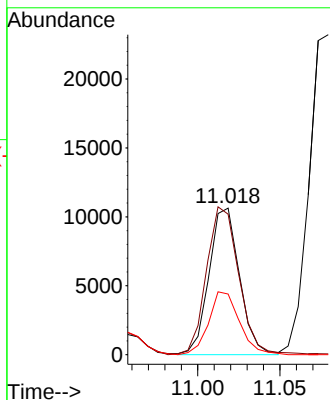
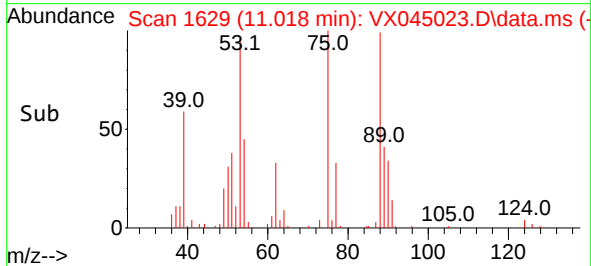
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBS01



Tgt Ion: 75 Resp: 1370
Ion Ratio Lower Upper
75 100
53 95.9 49.8 149.4
89 41.6 21.4 64.2

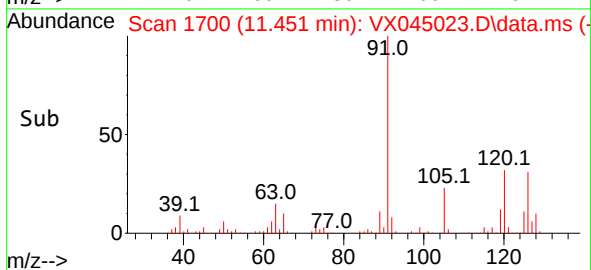
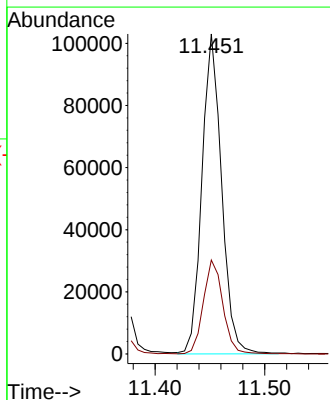
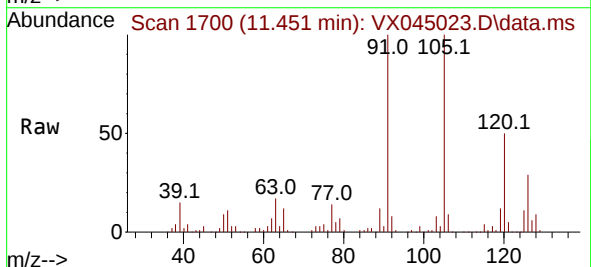
Manual Integrations
APPROVED

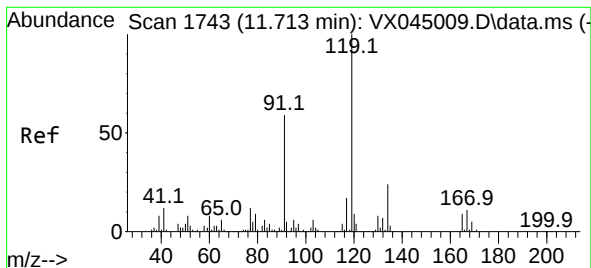
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#78
4-Chlorotoluene
Concen: 22.302 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

Tgt Ion: 91 Resp: 128240
Ion Ratio Lower Upper
91 100
126 29.1 0.0 58.0





#79

tert-butylbenzene

Concen: 22.946 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX045023.D

Acq: 24 Feb 2025 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX0224WBS01

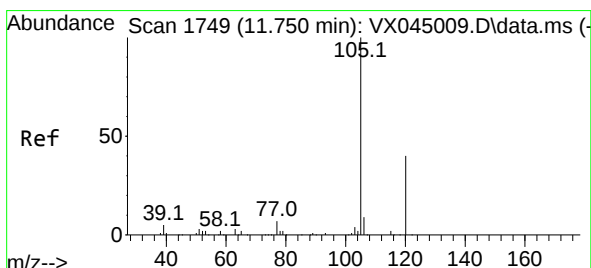
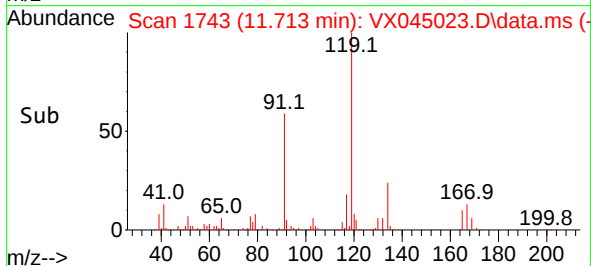
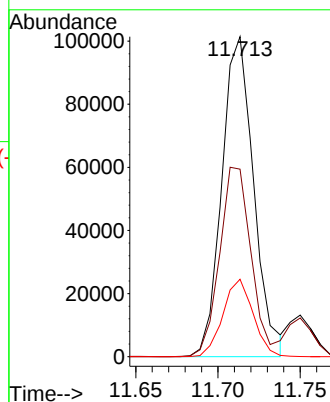
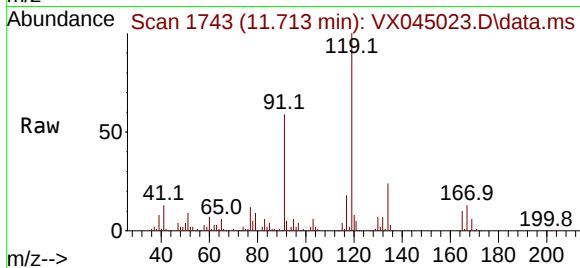
Tgt Ion:	119	Resp:	13675
Ion Ratio	Lower	Upper	
119	100		
91	58.2	0.0	120.6
134	23.0	0.0	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#80

1,2,4-Trimethylbenzene

Concen: 22.713 ug/l

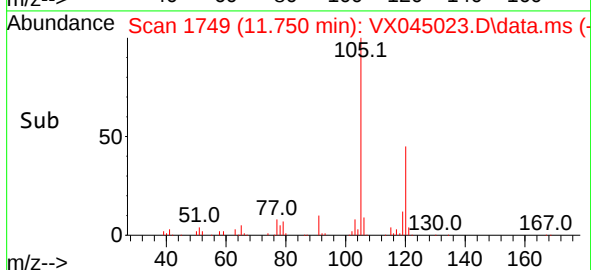
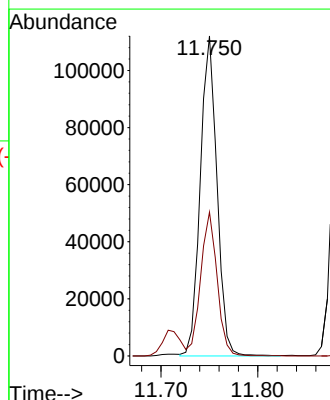
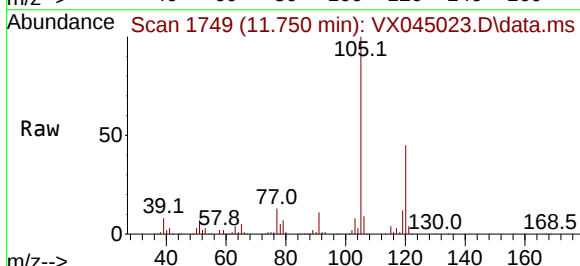
RT: 11.750 min Scan# 1749

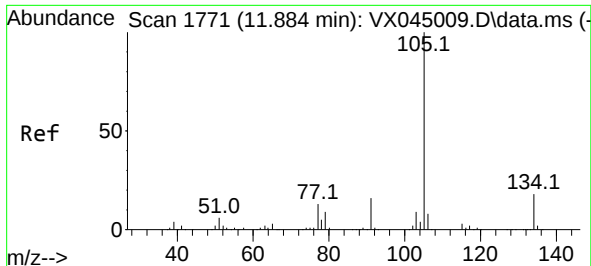
Delta R.T. 0.000 min

Lab File: VX045023.D

Acq: 24 Feb 2025 10:46

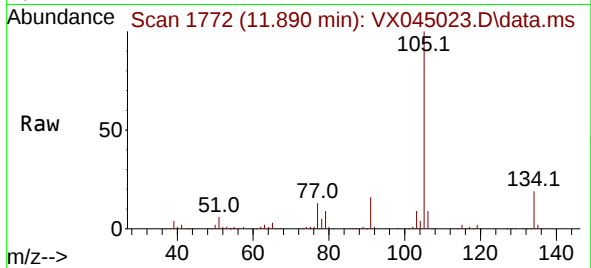
Tgt Ion:	105	Resp:	134579
Ion Ratio	Lower	Upper	
105	100		
120	44.3	0.0	88.4





#81
 sec-Butylbenzene
 Concen: 22.943 ug/l
 RT: 11.890 min Scan# 1771
 Delta R.T. 0.006 min
 Lab File: VX045023.D
 Acq: 24 Feb 2025 10:46

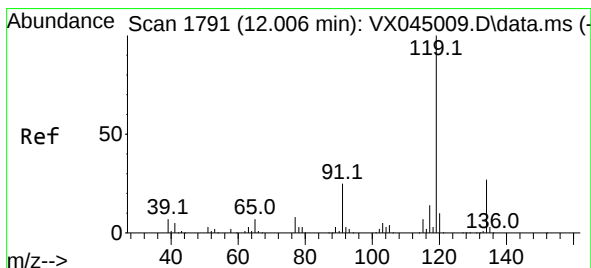
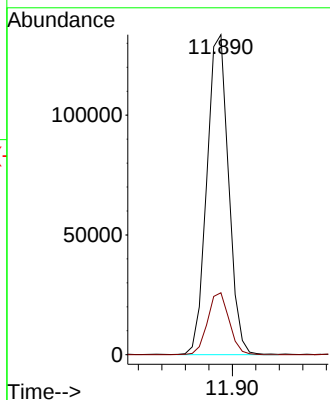
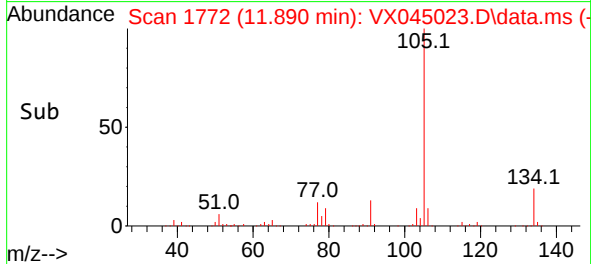
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0224WBS01



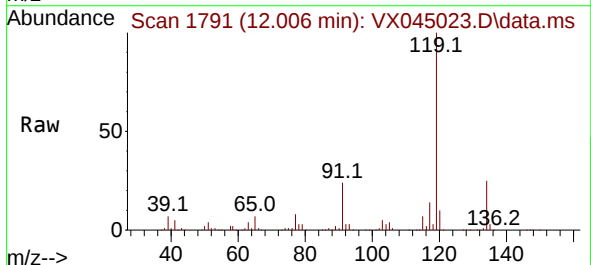
Tgt Ion:105 Resp: 17160
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 39.0

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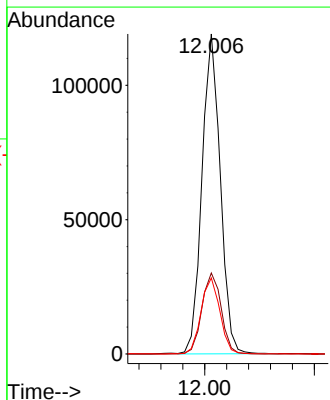
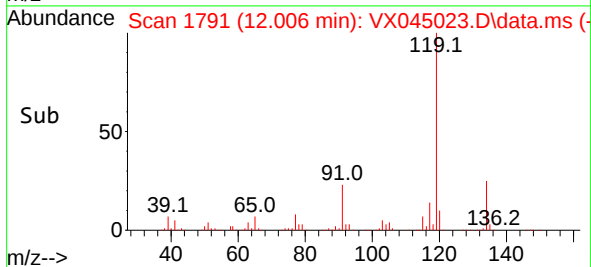
Reviewed By :John Carlone 02/25/2025
 Supervised By :Mahesh Dadoda 02/25/2025

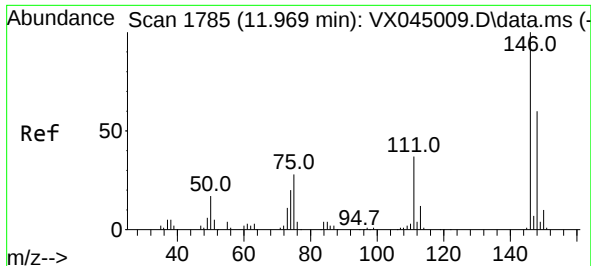


#82
 p-Isopropyltoluene
 Concen: 22.669 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045023.D
 Acq: 24 Feb 2025 10:46



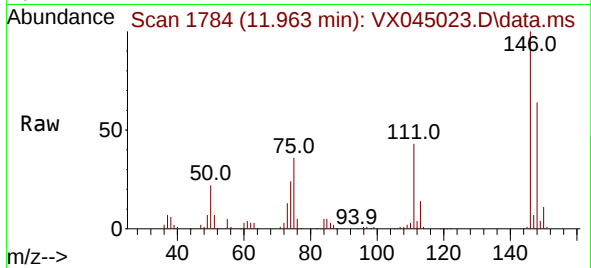
Tgt Ion:119 Resp: 137387
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 52.6
 91 24.4 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 22.129 ug/l
RT: 11.963 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

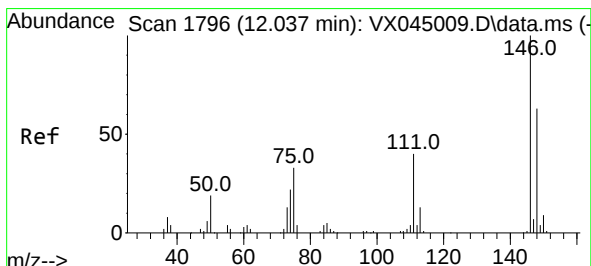
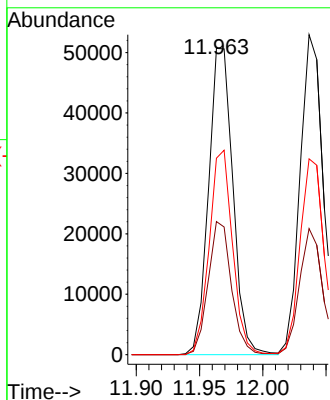
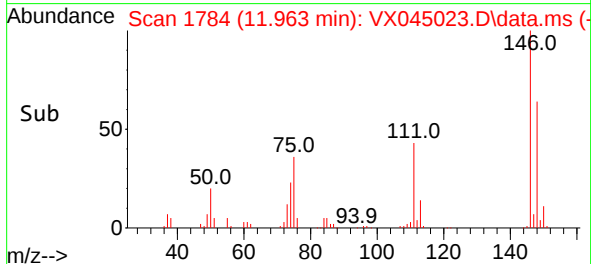
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBS01



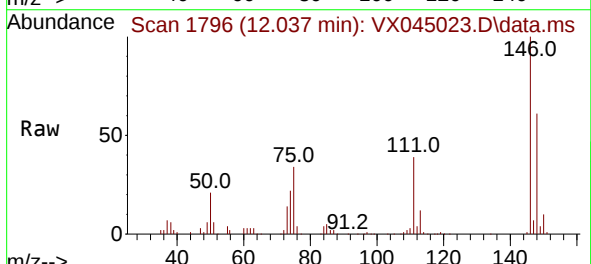
Tgt Ion:146 Resp: 67958
Ion Ratio Lower Upper
146 100
111 41.7 20.2 60.5
148 63.9 31.2 93.6

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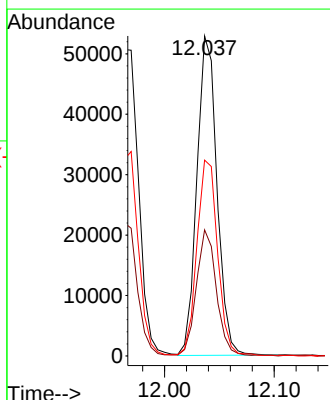
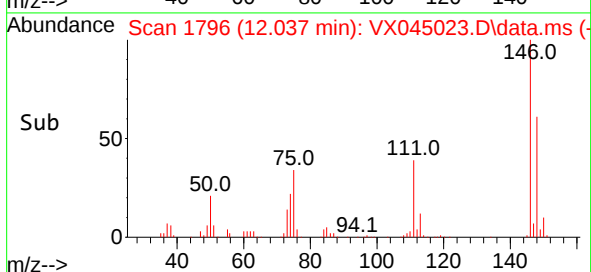
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

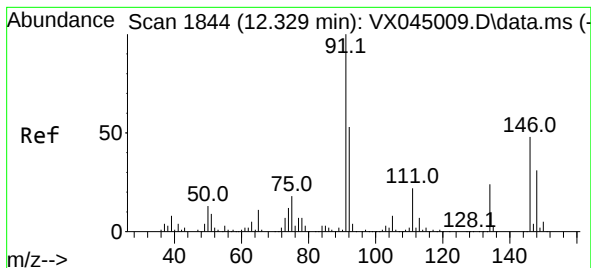


#84
1,4-Dichlorobenzene
Concen: 22.253 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46



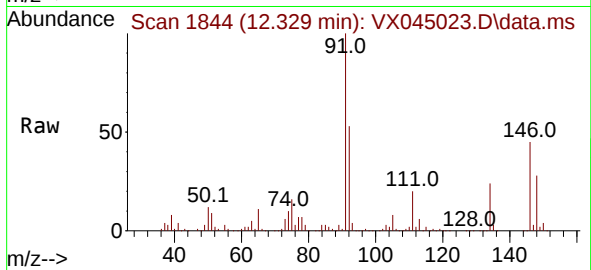
Tgt Ion:146 Resp: 67382
Ion Ratio Lower Upper
146 100
111 39.4 20.4 61.2
148 63.2 31.8 95.4





#85
n-Butylbenzene
Concen: 22.551 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

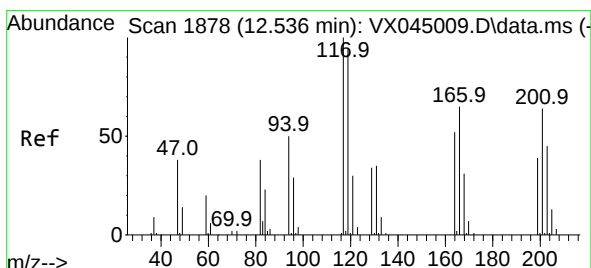
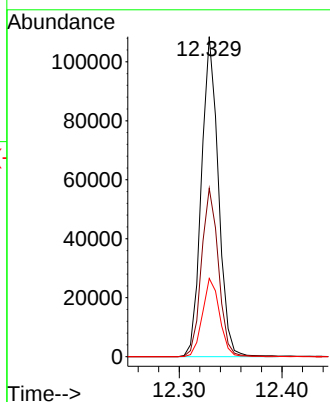
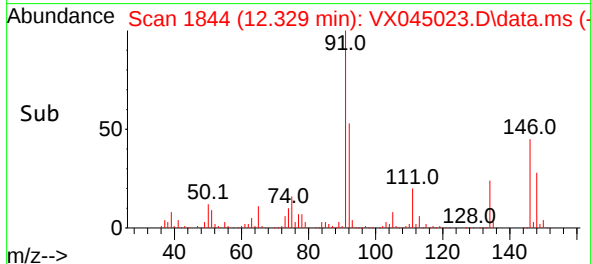
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBS01



Tgt Ion: 91 Resp: 124800
Ion Ratio Lower Upper
91 100
92 52.6 0.0 105.2
134 24.8 0.0 49.4

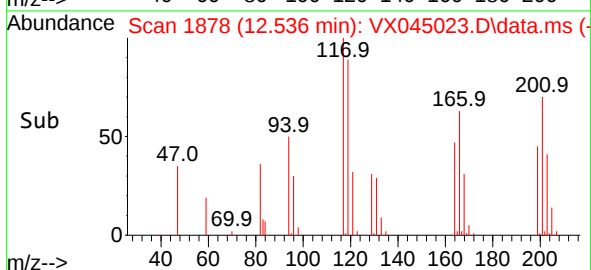
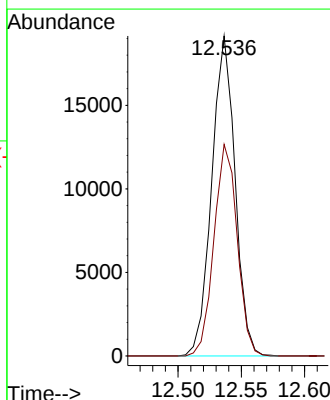
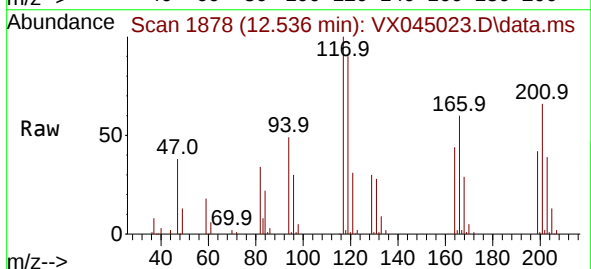
Manual Integrations
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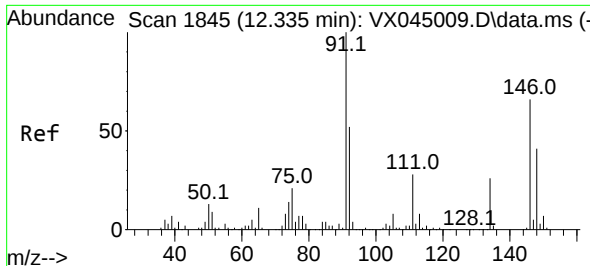
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#86
Hexachloroethane
Concen: 22.965 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

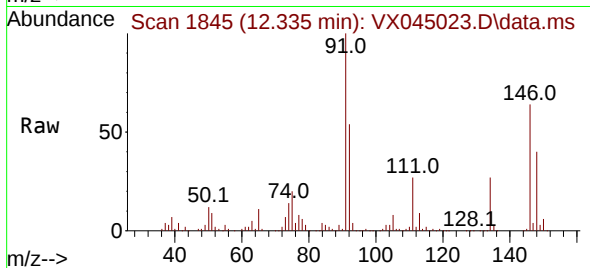
Tgt Ion:117 Resp: 24546
Ion Ratio Lower Upper
117 100
201 65.9 32.6 97.7





#87
1,2-Dichlorobenzene
Concen: 22.300 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

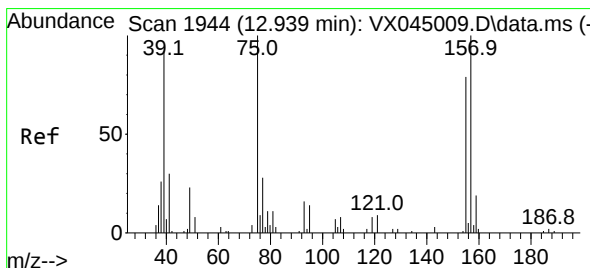
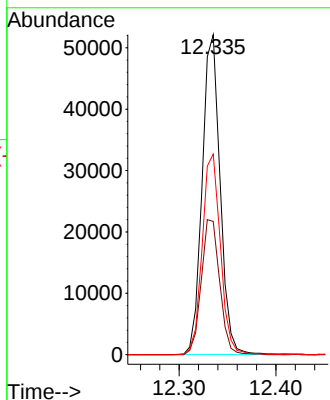
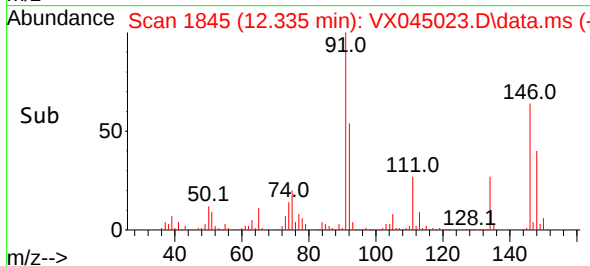
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBS01



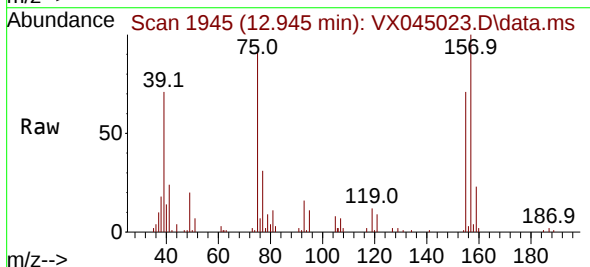
Tgt Ion:146 Resp: 67190
Ion Ratio Lower Upper
146 100
111 43.3 21.7 65.1
148 63.8 31.8 95.4

Manual Integrations
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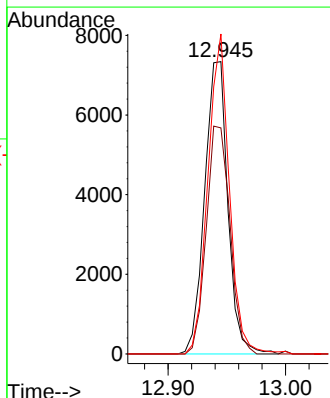
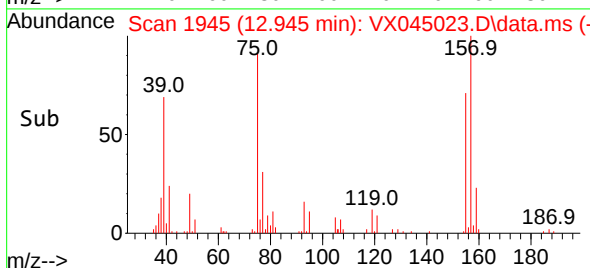
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

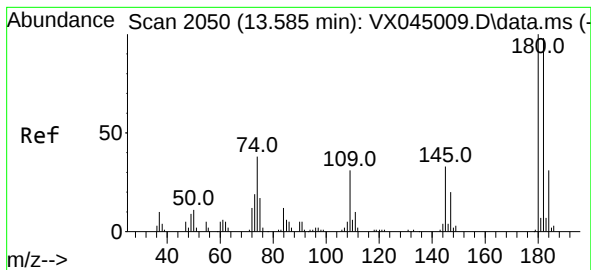


#88
1,2-Dibromo-3-Chloropropane
Concen: 22.099 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46



Tgt Ion: 75 Resp: 10088
Ion Ratio Lower Upper
75 100
155 79.5 66.2 99.4
157 100.6 81.4 122.2





#89

1,2,4-Trichlorobenzene

Concen: 21.859 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX045023.D

Acq: 24 Feb 2025 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX0224WBS01

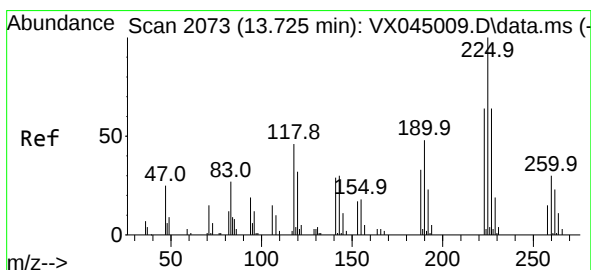
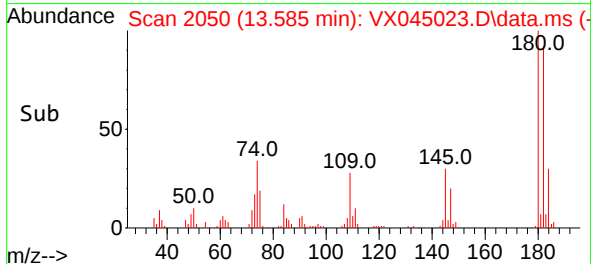
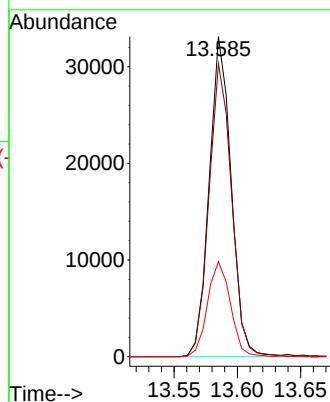
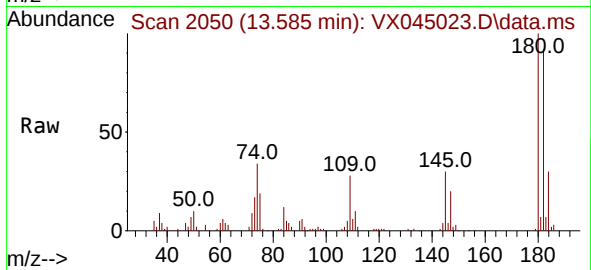
Tgt Ion:180	Resp:	39920
Ion Ratio	Lower	Upper
180	100	
182	94.3	77.7 116.5
145	30.9	25.8 38.6

Manual Integrations

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Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#90

Hexachlorobutadiene

Concen: 23.203 ug/l

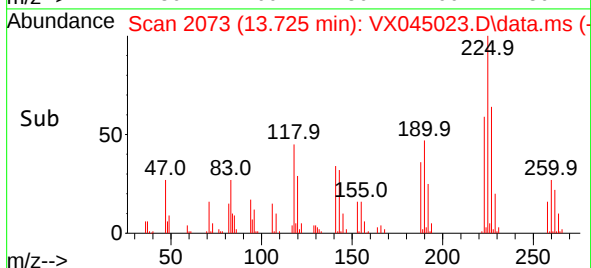
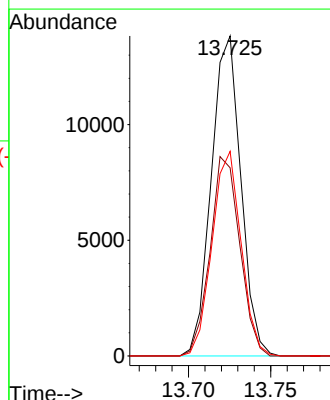
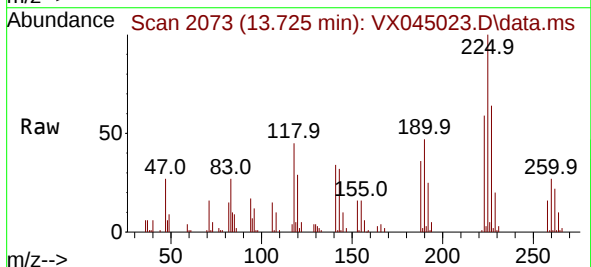
RT: 13.725 min Scan# 2073

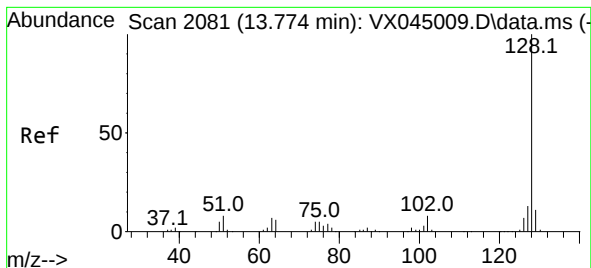
Delta R.T. 0.000 min

Lab File: VX045023.D

Acq: 24 Feb 2025 10:46

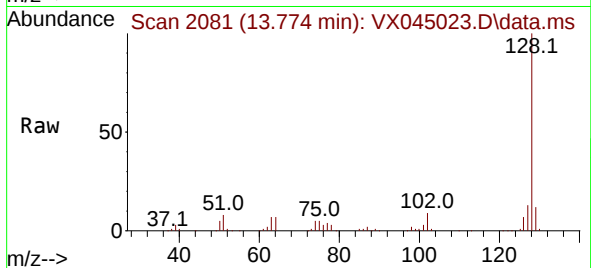
Tgt Ion:225	Resp:	17281
Ion Ratio	Lower	Upper
225	100	
223	62.7	0.0 123.4
227	62.8	0.0 127.4





#91
Naphthalene
Concen: 21.688 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46

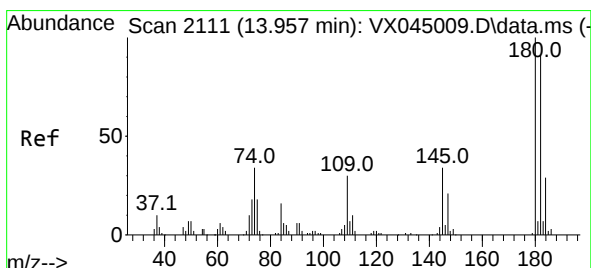
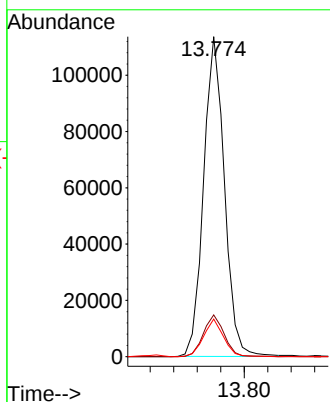
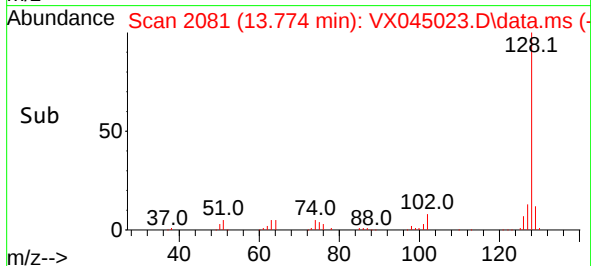
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBS01



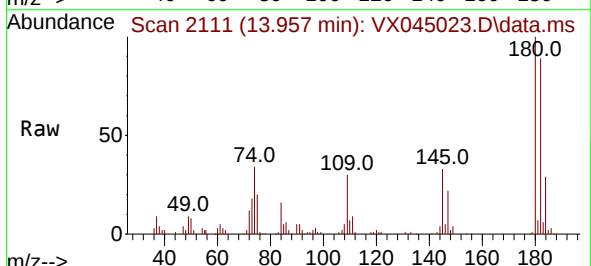
Tgt Ion:128 Resp: 139660
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.3 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#92
1,2,3-Trichlorobenzene
Concen: 21.724 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045023.D
Acq: 24 Feb 2025 10:46



Tgt Ion:180 Resp: 40845
Ion Ratio Lower Upper
180 100
182 95.1 0.0 186.6
145 33.2 0.0 68.4

