

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030425\
 Data File : VX045121.D
 Acq On : 04 Mar 2025 09:41
 Operator : JC/MD
 Sample : VX0304WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/05/2025
 Supervised By : Mahesh Dadoda 03/05/2025

Quant Time: Mar 05 00:45:20 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	14793	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.750	114	81282	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	75372	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	45282	31.516	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 105.067%	
60) 4-Bromofluorobenzene	11.079	95	42756	30.349	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 101.167%	
63) Toluene-d8	8.646	98	126508	30.340	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.133%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	23135	18.552	ug/l	99
3) Chloromethane	1.300	50	27375	18.328	ug/l	96
4) Vinyl Chloride	1.373	62	26022	18.055	ug/l	97
5) Bromomethane	1.593	94	10203	20.338	ug/l	93
6) Chloroethane	1.660	64	11600	14.860	ug/l	99
7) Trichlorofluoromethane	1.867	101	36943	19.072	ug/l	97
8) Diethyl Ether	2.129	74	13792	18.818	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.318	101	22143	19.247	ug/l	99
10) 1,1-Dichloroethene	2.306	96	20916	18.613	ug/l	90
11) Methyl Iodide	2.446	142	24115	18.960	ug/l	99
12) Methyl Acetate	2.702	43	31397	24.060	ug/l	99
13) Acrolein	2.233	56	29726	113.647	ug/l	100
14) Acrylonitrile	3.062	53	66711	104.660	ug/l	100
15) Acetone	2.385	58	18353	104.986	ug/l	93
16) Carbon Disulfide	2.501	76	52749	16.549	ug/l	99
17) Allyl chloride	2.654	41	38967	18.540	ug/l	97
18) Methylene Chloride	2.782	84	24261	19.194	ug/l	96
19) trans-1,2-Dichloroethene	3.080	96	21909	19.270	ug/l	97
20) Diisopropyl ether	3.757	45	78443	19.421	ug/l	88
21) 1,1-Dichloroethane	3.599	63	43232	19.246	ug/l	98
22) cis-1,2-Dichloroethene	4.476	96	26340	19.334	ug/l	98
23) tert-Butyl Alcohol	2.989	59	21294	95.695	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	71829	19.584	ug/l	99
25) Chloroform	5.086	83	43931	20.248	ug/l	98
26) Cyclohexane	5.458	56	39361	18.984	ug/l #	97
29) 1,1-Dichloropropene	5.684	75	28809	19.268	ug/l	98
30) 2-Butanone	4.556	43	91465	105.909	ug/l #	96
31) 2,2-Dichloropropane	4.464	77	30717	18.168	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	34958	19.296	ug/l	100
33) Carbon Tetrachloride	5.665	117	29590	19.354	ug/l	98
34) Benzene	6.031	78	91887	19.597	ug/l	99
35) Methacrylonitrile	4.915	41	19577	21.184	ug/l	95
36) 1,2-Dichloroethane	6.080	62	32643	20.334	ug/l	96
37) Trichloroethene	7.116	130	21105	19.240	ug/l	98
38) Methylcyclohexane	7.372	83	39303	19.577	ug/l	96
39) 1,2-Dichloropropane	7.421	63	22893	19.638	ug/l	95
40) Dibromomethane	7.580	93	17017	20.343	ug/l	99
41) Bromodichloromethane	7.817	83	33097	19.907	ug/l	98
42) Vinyl Acetate	3.714	43	321395	95.901	ug/l	100

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 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	4.708	43	33662	20.784	ug/l	96
44) Isopropyl Acetate	6.336	43	53144	19.937	ug/l	99
45) 1,4-Dioxane	7.665	88	10607	382.785	ug/l	99
46) Methyl methacrylate	7.689	41	26248	20.082	ug/l	96
47) n-amyl Acetate	10.841	43	44640	19.299	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	27918	17.421	ug/l	97
49) cis-1,3-Dichloropropene	8.360	75	34372	18.947	ug/l	98
50) 1,1,2-Trichloroethane	9.146	97	22822	20.916	ug/l	93
51) Ethyl methacrylate	9.116	69	34226	19.944	ug/l	97
52) 1,3-Dichloropropane	9.305	76	40040	20.943	ug/l	99
53) Dibromochloromethane	9.518	129	24103	19.973	ug/l	97
54) 1,2-Dibromoethane	9.604	107	22588	20.386	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	87367	99.140	ug/l	99
56) Bromoform	10.798	173	14863	19.655	ug/l	98
58) 4-Methyl-2-Pentanone	8.567	43	180161	105.077	ug/l	99
59) 2-Hexanone	9.427	43	128928	104.033	ug/l	100
61) Tetrachloroethene	9.268	164	18962	20.430	ug/l	91
62) Toluene	8.713	91	97931	19.614	ug/l	99
64) Chlorobenzene	10.079	112	62259	20.123	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.158	131	20125	19.713	ug/l	100
66) Ethyl Benzene	10.189	91	109202	19.977	ug/l	98
67) m/p-Xylenes	10.299	106	81797	40.163	ug/l	98
68) o-Xylene	10.640	106	39373	19.703	ug/l	97
69) Styrene	10.652	104	65299	19.565	ug/l	99
70) Isopropylbenzene	10.957	105	103917	20.152	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	35084	20.690	ug/l	99
72) 1,2,3-Trichloropropane	11.237	75	28396m	20.360	ug/l	
73) Bromobenzene	11.195	156	23357	19.675	ug/l	98
74) n-propylbenzene	11.298	91	121450	19.791	ug/l	99
75) 2-Chlorotoluene	11.359	91	74341	20.038	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	86900	20.427	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	8258	17.598	ug/l	86
78) 4-Chlorotoluene	11.451	91	81904	19.805	ug/l	100
79) tert-butylbenzene	11.713	119	85314	19.903	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	85632	20.094	ug/l	99
81) sec-Butylbenzene	11.890	105	108219	20.116	ug/l	100
82) p-Isopropyltoluene	12.006	119	86823	19.919	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	44125	19.977	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	43416	19.936	ug/l	99
85) n-Butylbenzene	12.329	91	76316	19.173	ug/l	99
86) Hexachloroethane	12.536	117	13823	17.982	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	44295	20.439	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.938	75	6742	20.535	ug/l	95
89) 1,2,4-Trichlorobenzene	13.585	180	26174	19.927	ug/l	98
90) Hexachlorobutadiene	13.725	225	10685	19.947	ug/l	95
91) Naphthalene	13.774	128	93464	20.180	ug/l	99
92) 1,2,3-Trichlorobenzene	13.956	180	26390	19.515	ug/l	98

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

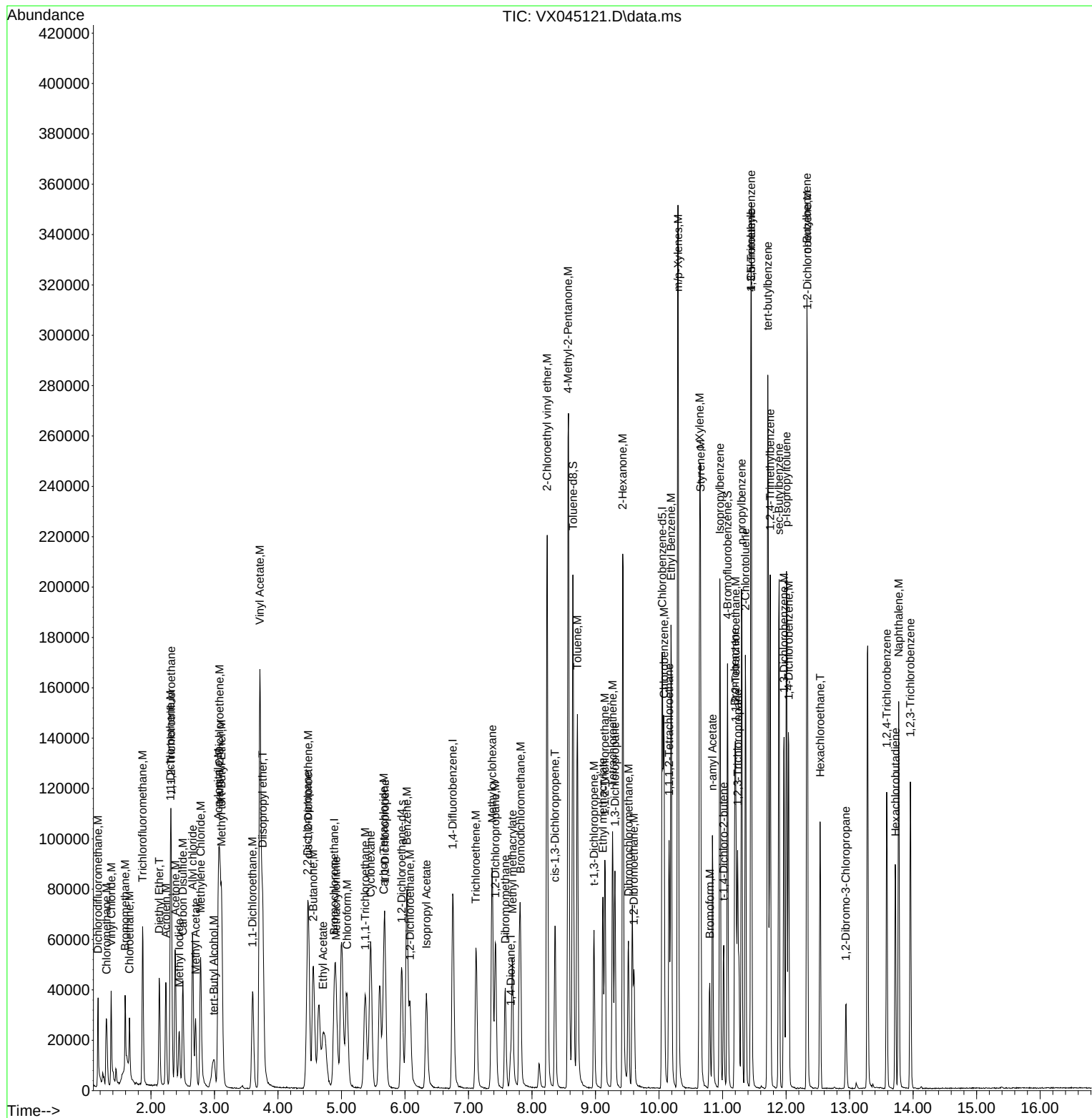
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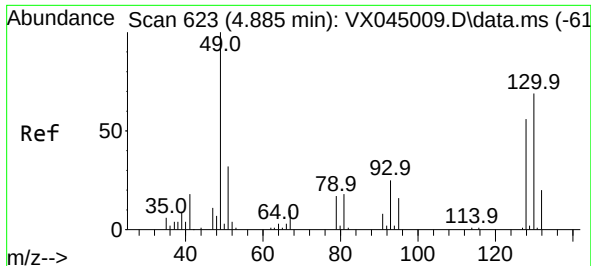
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBSD01

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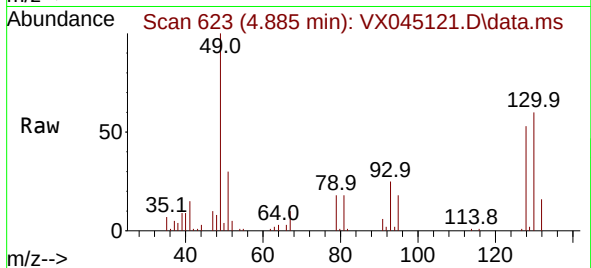
Reviewed By :John Carlone 03/05/2025
 Supervised By :Mahesh Dadoda 03/05/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.885 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

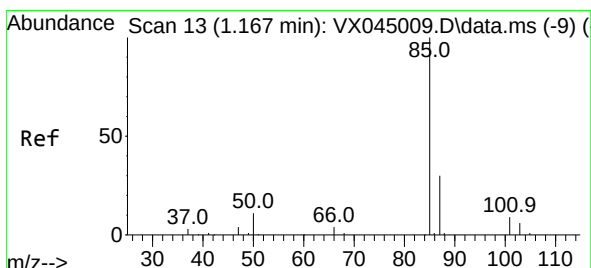
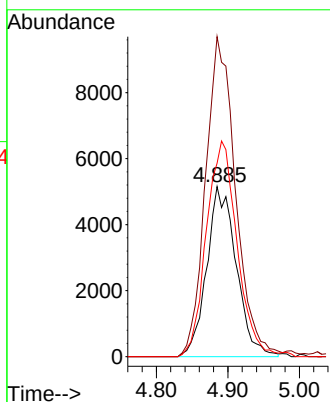
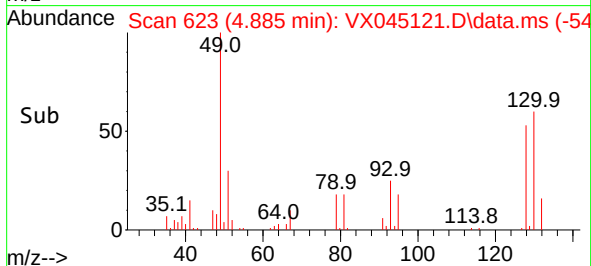
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MSVOA_X
ClientSampleId :
VX0304WBSD01



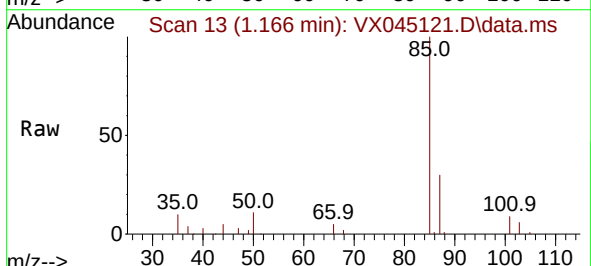
Tgt Ion:128 Resp: 1479
Ion Ratio Lower Upper
128 100
49 190.9 0.0 449.7
130 131.7 0.0 312.7

Manual Integrations
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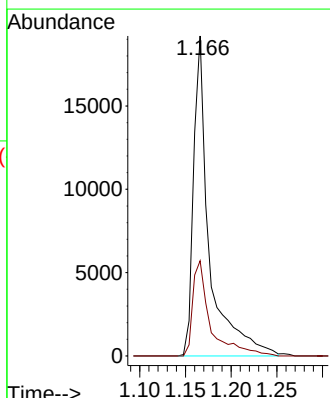
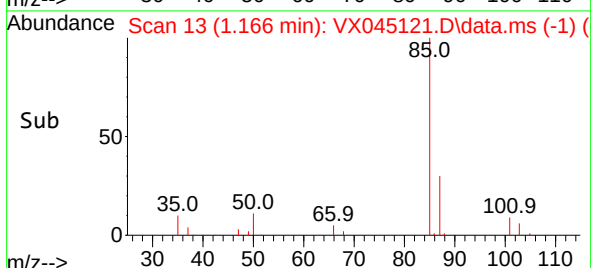
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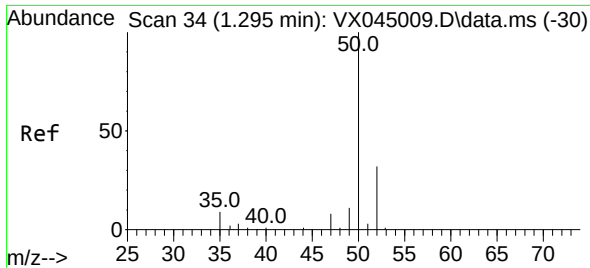


#2
Dichlorodifluoromethane
Concen: 18.552 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41



Tgt Ion: 85 Resp: 23135
Ion Ratio Lower Upper
85 100
87 29.8 15.1 45.3





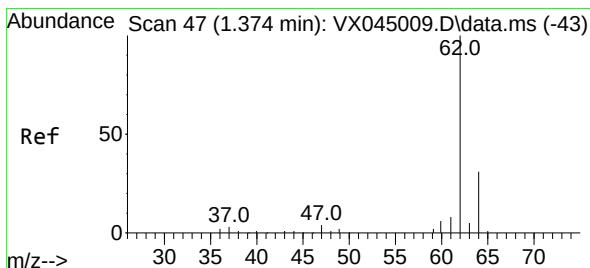
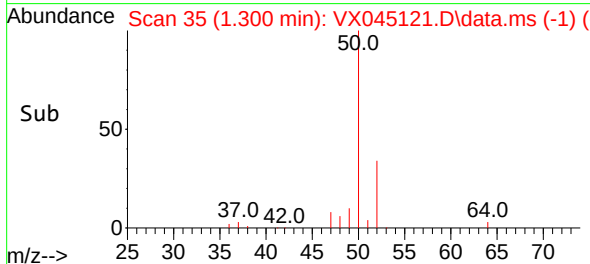
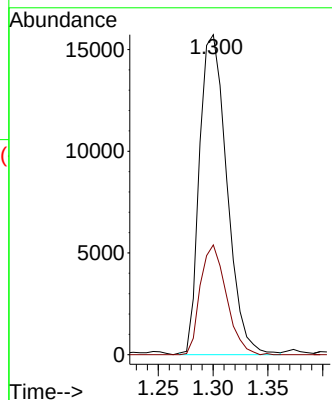
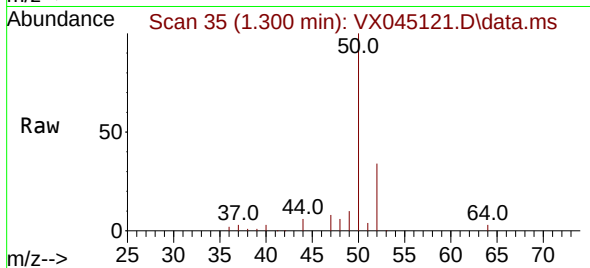
#3
Chloromethane
Concen: 18.328 ug/l
RT: 1.300 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 27375
Ion Ratio Lower Upper
50 100
52 34.5 25.7 38.5

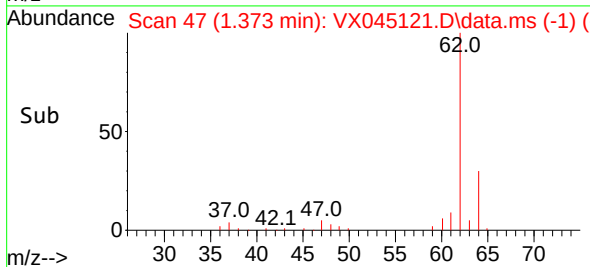
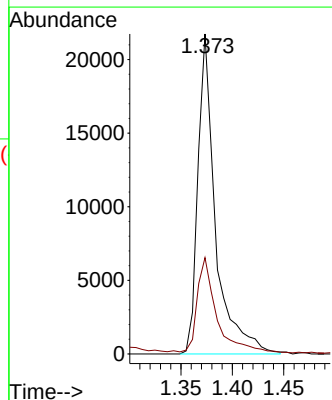
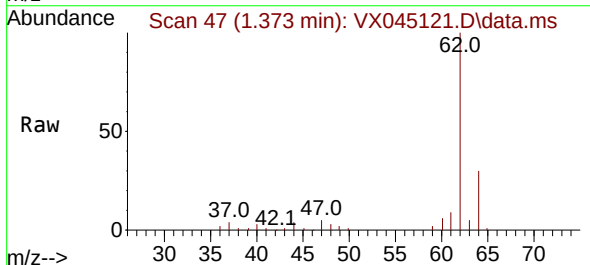
Manual Integrations
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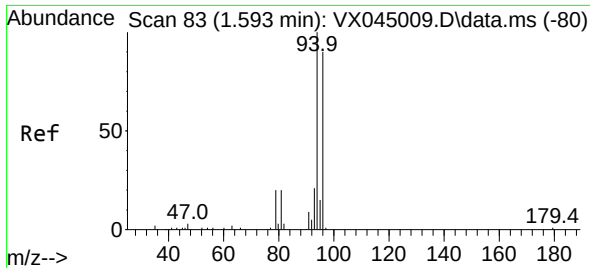
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#4
Vinyl Chloride
Concen: 18.055 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

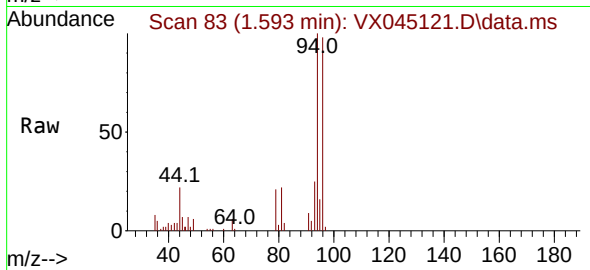
Tgt Ion: 62 Resp: 26022
Ion Ratio Lower Upper
62 100
64 29.5 25.1 37.7





#5
Bromomethane
Concen: 20.338 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

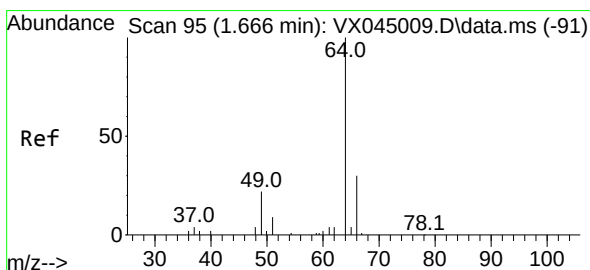
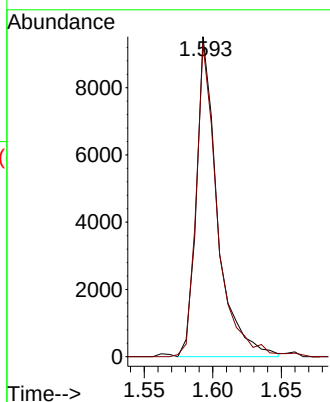
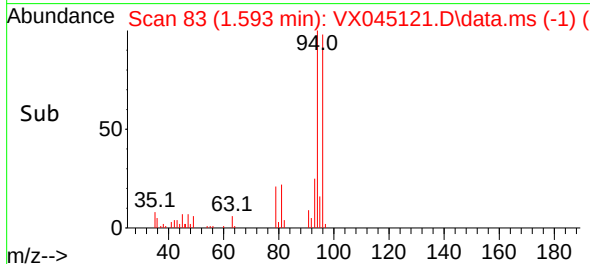
Instrument :
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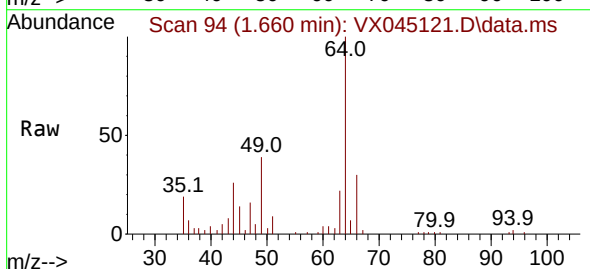
Tgt Ion: 94 Resp: 1020
Ion Ratio Lower Upper
94 100
96 97.1 72.2 108.4

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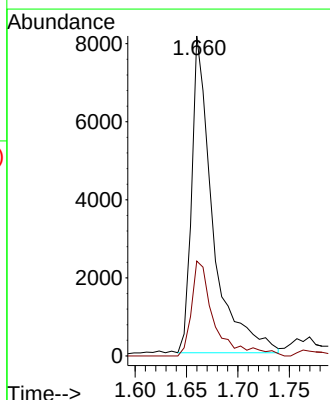
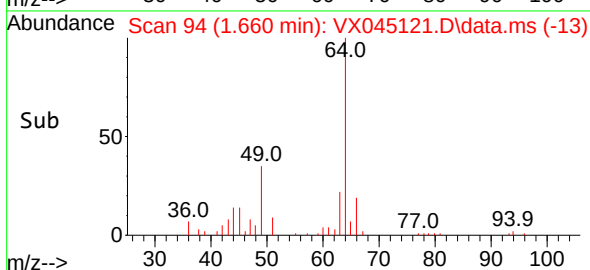
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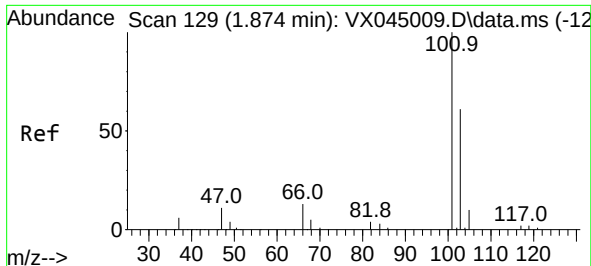


#6
Chloroethane
Concen: 14.860 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.007 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41



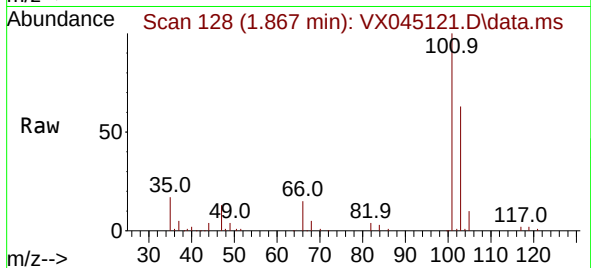
Tgt Ion: 64 Resp: 11600
Ion Ratio Lower Upper
64 100
66 29.9 23.7 35.5





#7
Trichlorofluoromethane
Concen: 19.072 ug/l
RT: 1.867 min Scan# 11
Delta R.T. -0.007 min
Lab File: VX045121.D
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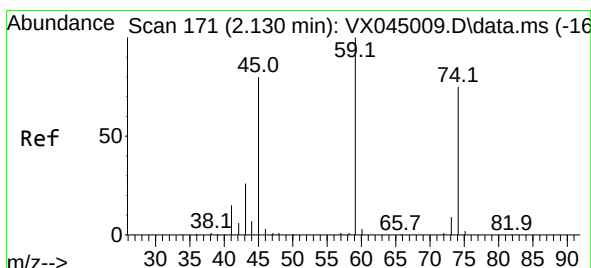
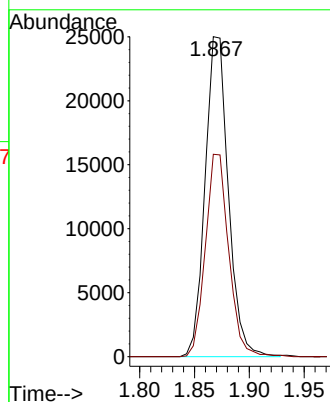
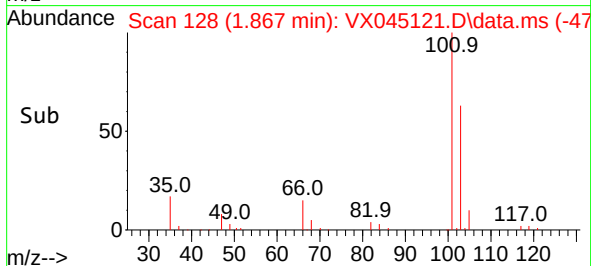
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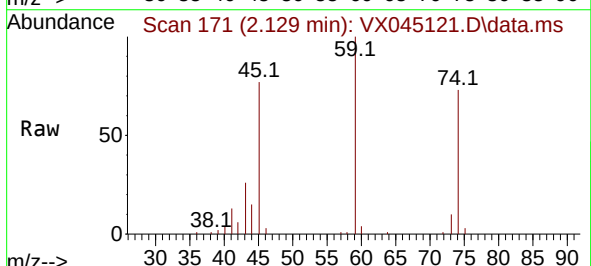
Tgt Ion:101 Resp: 3694
Ion Ratio Lower Upper
101 100
103 63.3 48.8 73.2

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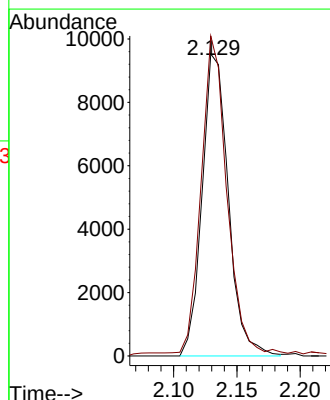
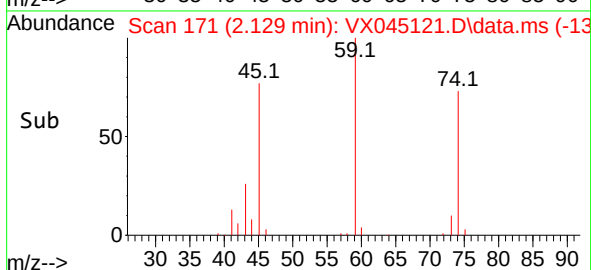
Reviewed By :John Carlone 03/05/2025
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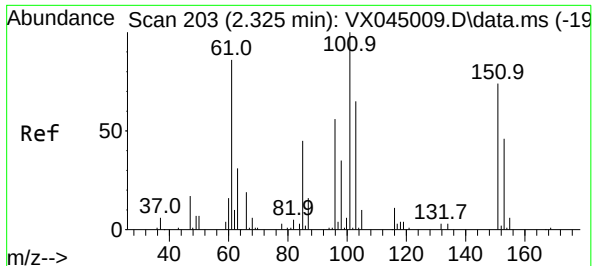


#8
Diethyl Ether
Concen: 18.818 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41



Tgt Ion: 74 Resp: 13792
Ion Ratio Lower Upper
74 100
45 101.4 20.8 186.8





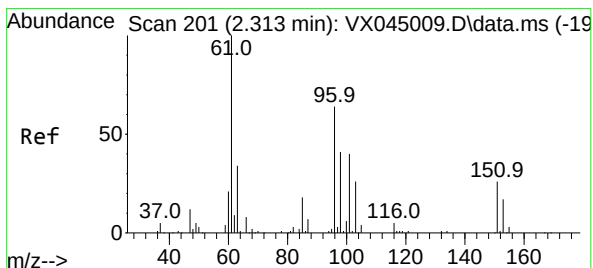
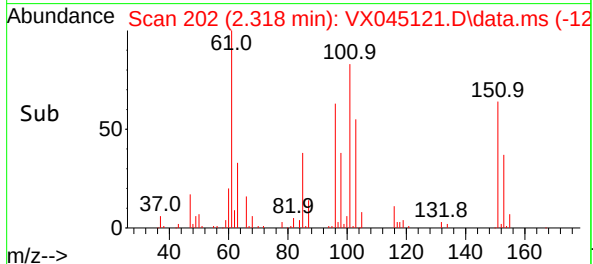
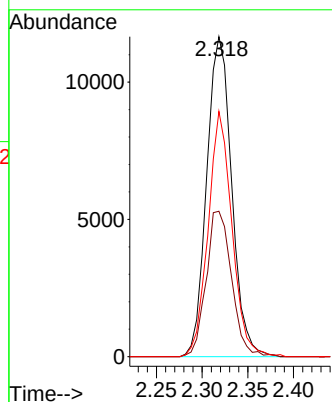
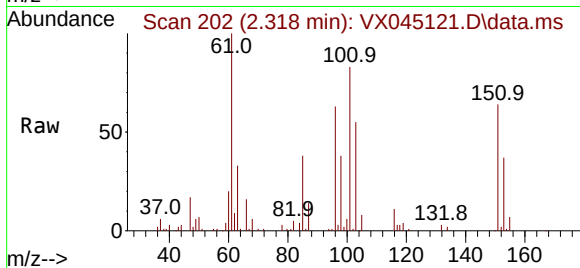
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.247 ug/l
RT: 2.318 min Scan# 20
Delta R.T. -0.007 min
Lab File: VX045121.D
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Tgt Ion:101 Resp: 2214
Ion Ratio Lower Upper
101 100
85 46.1 0.0 90.6
151 73.1 0.0 147.6

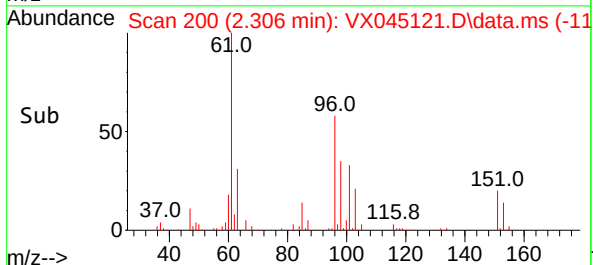
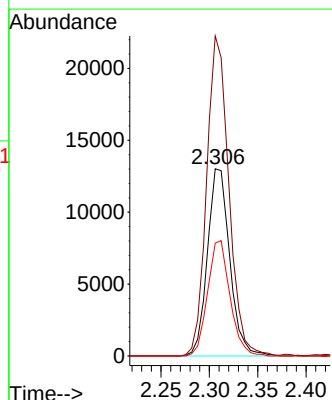
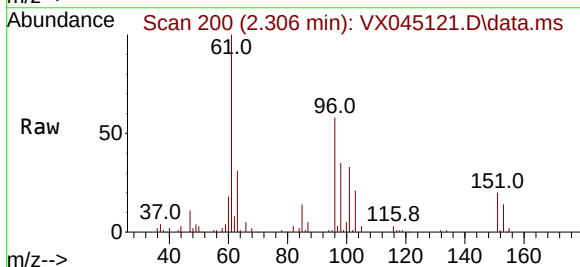
Manual Integrations
APPROVED

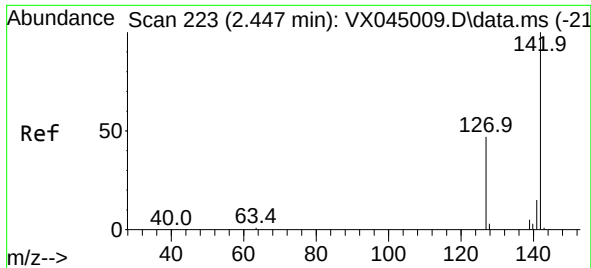
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#10
1,1-Dichloroethene
Concen: 18.613 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.007 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

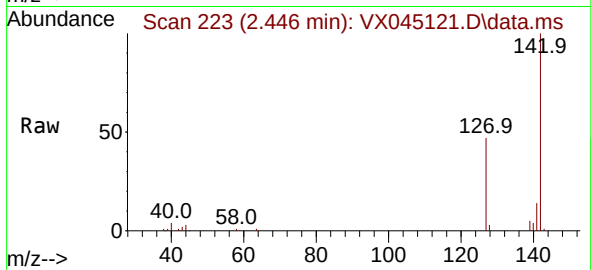
Tgt Ion: 96 Resp: 20916
Ion Ratio Lower Upper
96 100
61 171.0 124.2 186.2
98 60.3 51.1 76.7





#11
Methyl Iodide
Concen: 18.960 ug/l
RT: 2.446 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

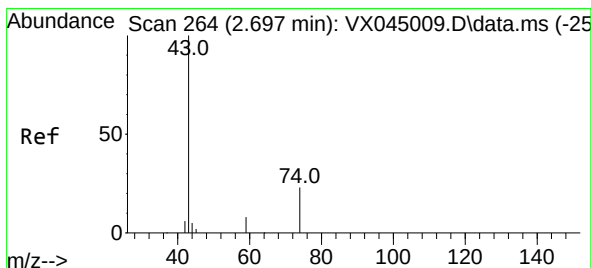
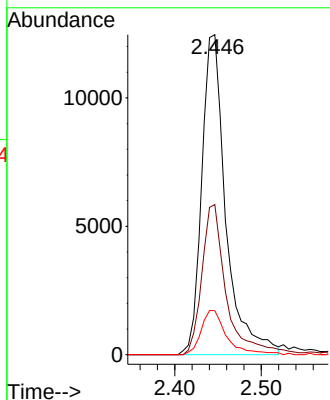
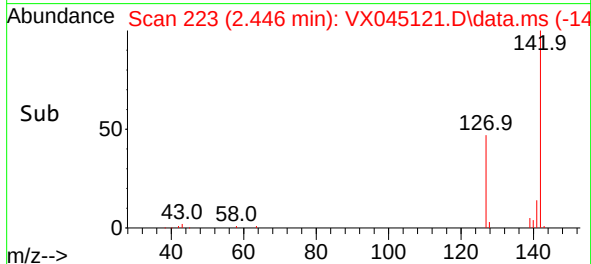
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01



Tgt Ion:142 Resp: 2411
Ion Ratio Lower Upper
142 100
127 46.6 23.3 69.9
141 13.6 7.5 22.6

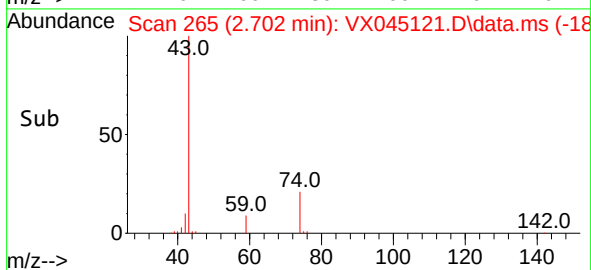
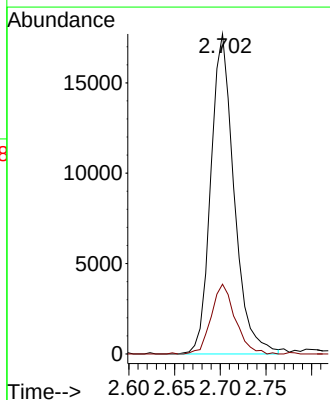
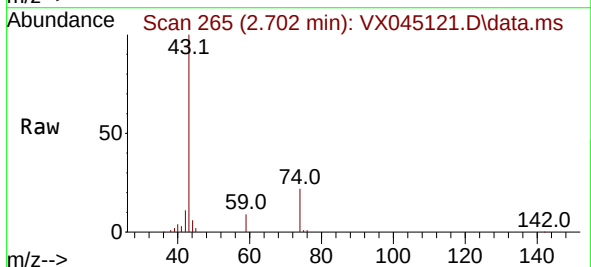
Manual Integrations
APPROVED

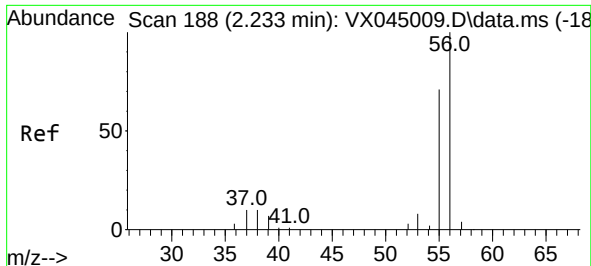
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#12
Methyl Acetate
Concen: 24.060 ug/l
RT: 2.702 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

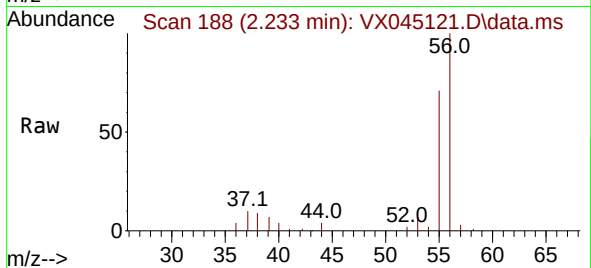
Tgt Ion: 43 Resp: 31397
Ion Ratio Lower Upper
43 100
74 22.0 17.9 26.9





#13
Acrolein
Concen: 113.647 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

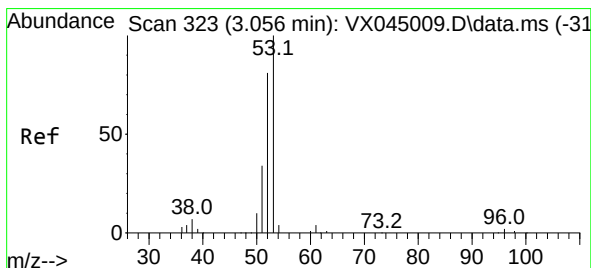
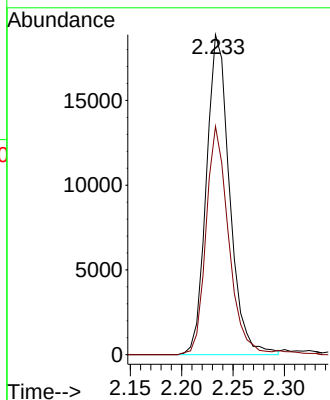
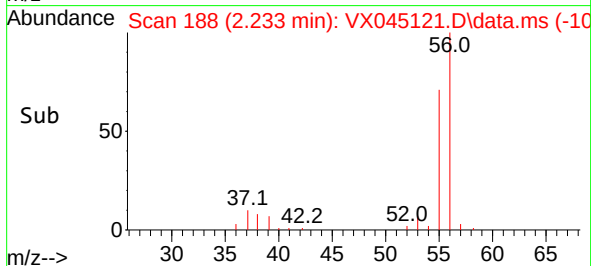
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01



Tgt Ion: 56 Resp: 29720
Ion Ratio Lower Upper
56 100
55 69.2 55.4 83.2

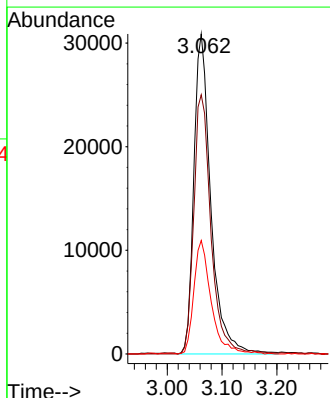
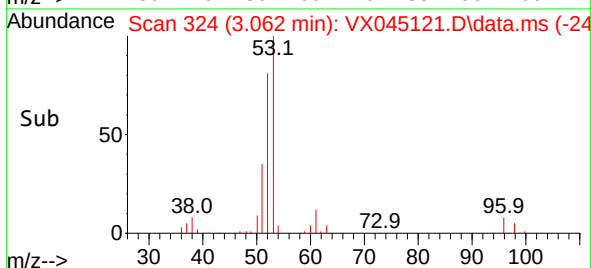
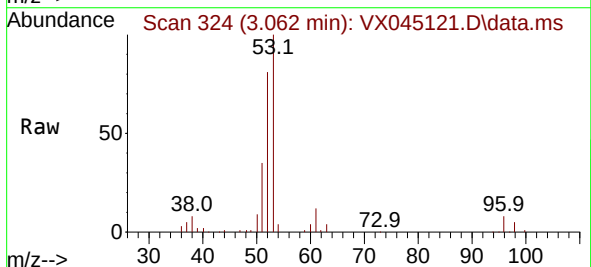
Manual Integrations
APPROVED

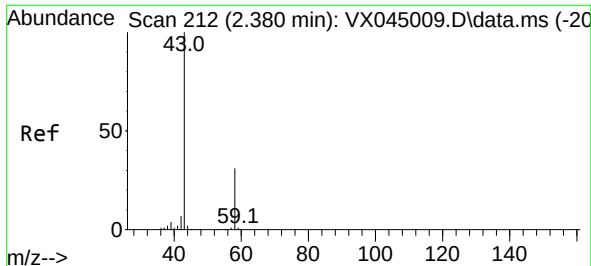
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#14
Acrylonitrile
Concen: 104.660 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.006 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

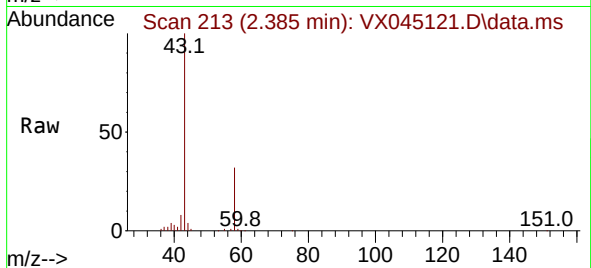
Tgt Ion: 53 Resp: 66711
Ion Ratio Lower Upper
53 100
52 81.4 40.9 122.8
51 35.9 18.0 54.0





#15
Acetone
Concen: 104.986 ug/l
RT: 2.385 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

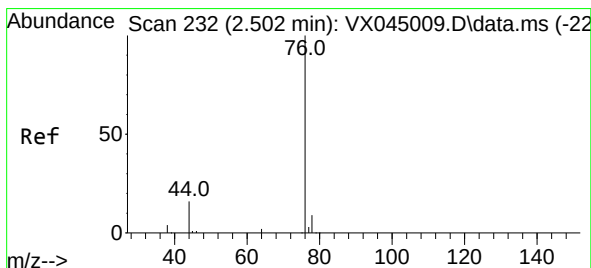
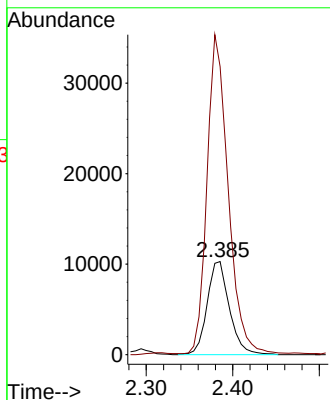
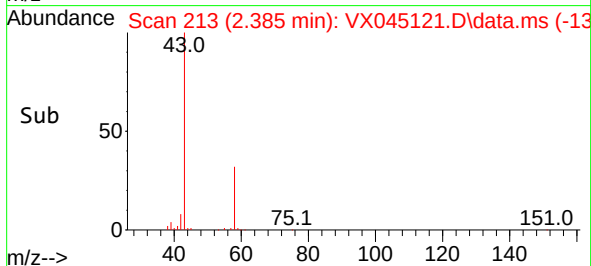
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01



Tgt Ion: 58 Resp: 1835
Ion Ratio Lower Upper
58 100
43 308.2 258.6 388.0

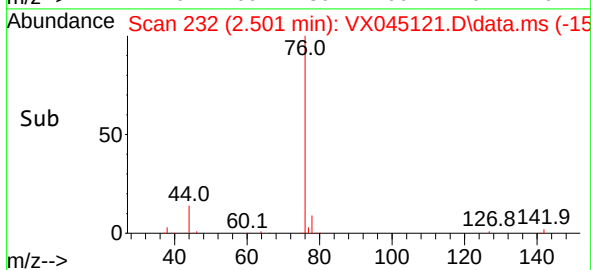
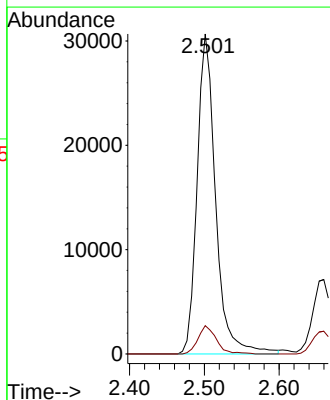
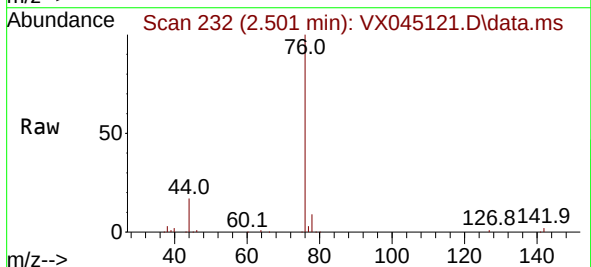
Manual Integrations
APPROVED

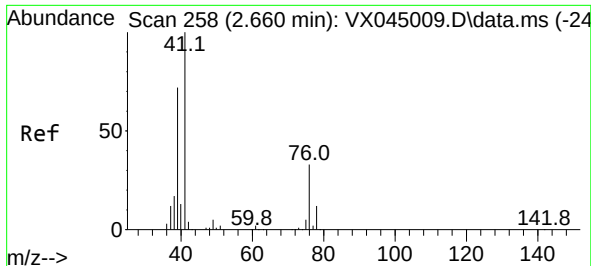
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#16
Carbon Disulfide
Concen: 16.549 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

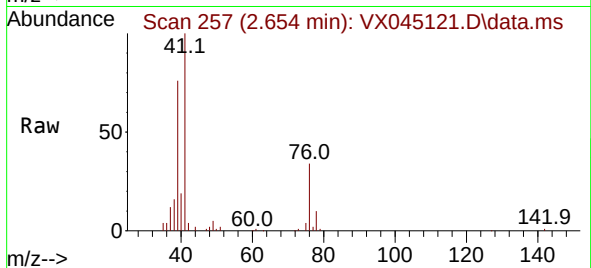
Tgt Ion: 76 Resp: 52749
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9





#17
 Allyl chloride
 Concen: 18.540 ug/l
 RT: 2.654 min Scan# 257
 Delta R.T. -0.007 min
 Lab File: VX045121.D
 Acq: 04 Mar 2025 09:41

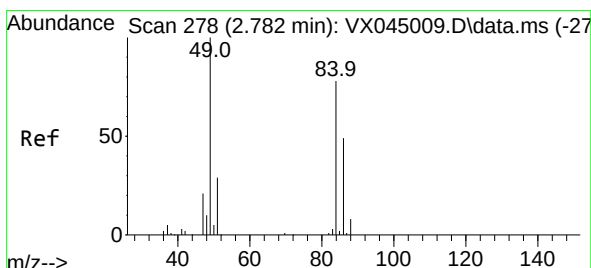
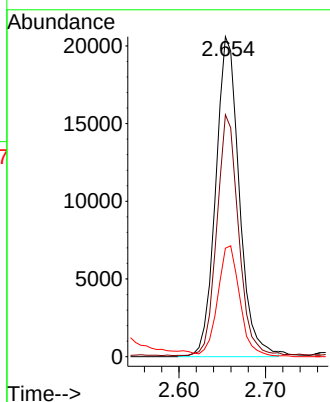
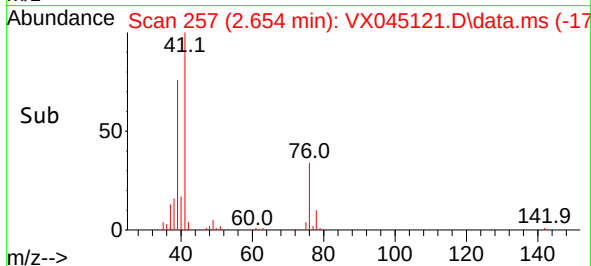
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBSD01



Tgt Ion: 41 Resp: 3896
 Ion Ratio Lower Upper
 41 100
 39 75.2 36.2 108.6
 76 33.7 17.2 51.5

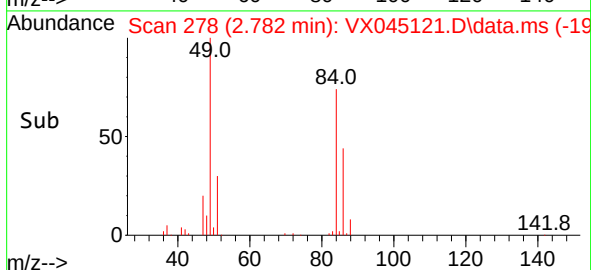
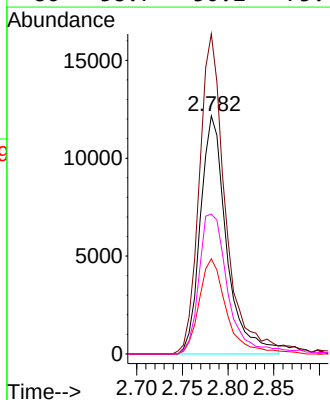
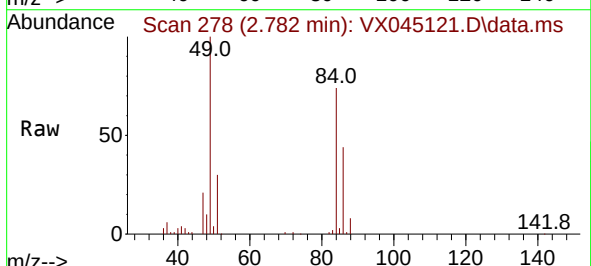
Manual Integrations
 APPROVED

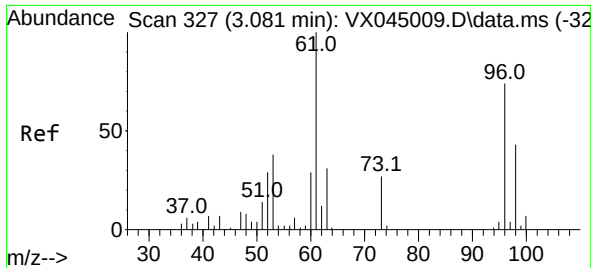
Reviewed By :John Carlone 03/05/2025
 Supervised By :Mahesh Dadoda 03/05/2025



#18
 Methylene Chloride
 Concen: 19.194 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: VX045121.D
 Acq: 04 Mar 2025 09:41

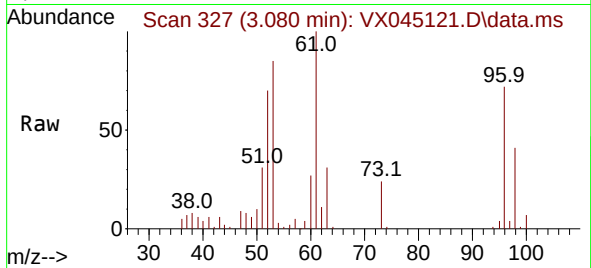
Tgt Ion: 84 Resp: 24261
 Ion Ratio Lower Upper
 84 100
 49 133.2 102.8 154.2
 51 40.0 30.1 45.1
 86 58.7 50.2 75.4





#19
trans-1,2-Dichloroethene
Concen: 19.270 ug/l
RT: 3.080 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

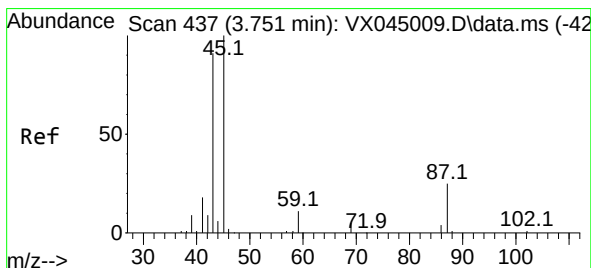
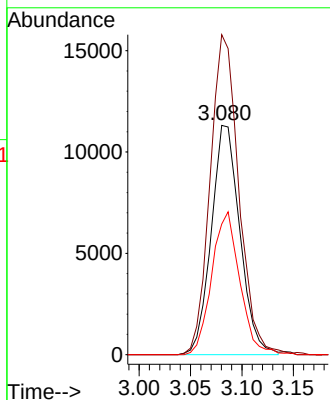
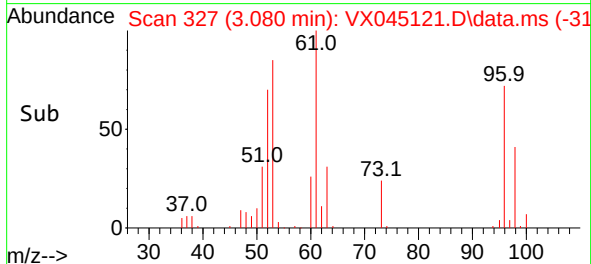
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01



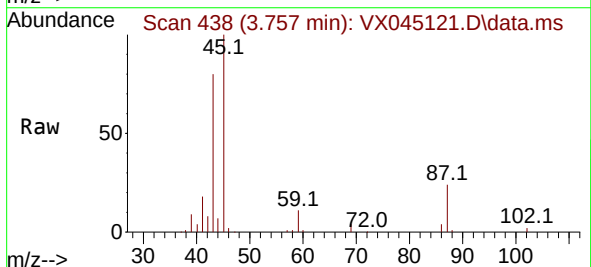
Tgt Ion: 96 Resp: 21909
Ion Ratio Lower Upper
96 100
61 139.5 108.6 163.0
98 56.9 46.5 69.7

Manual Integrations
APPROVED

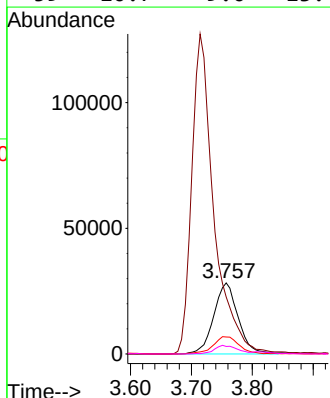
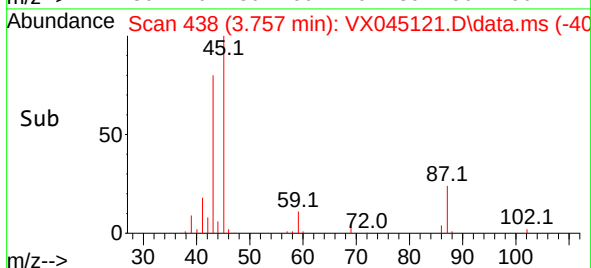
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025

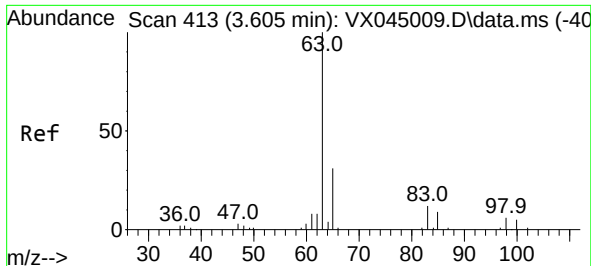


#20
Diisopropyl ether
Concen: 19.421 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41



Tgt Ion: 45 Resp: 78443
Ion Ratio Lower Upper
45 100
43 77.2 74.4 111.6
87 24.0 19.8 29.8
59 10.7 9.0 13.4





#21

1,1-Dichloroethane

Concen: 19.246 ug/l

RT: 3.599 min Scan# 41

Delta R.T. -0.007 min

Lab File: VX045121.D

Acq: 04 Mar 2025 09:41

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD01

Tgt Ion: 63 Resp: 4323

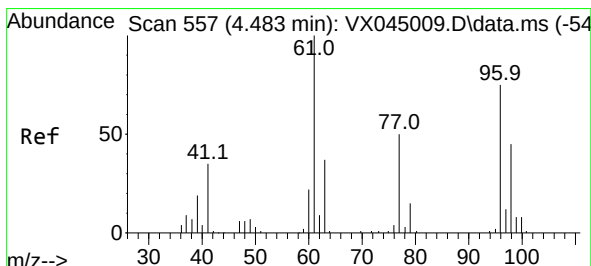
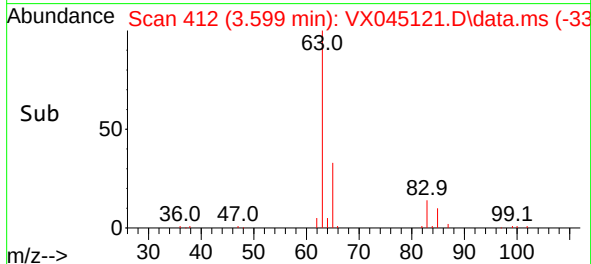
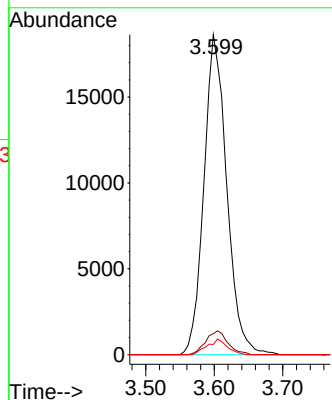
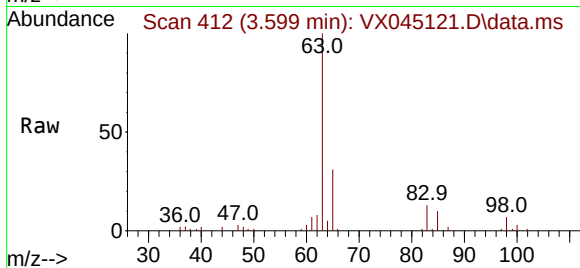
Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.3	9.8
100	3.2	2.4	7.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2025

Supervised By :Mahesh Dadoda 03/05/2025



#22

cis-1,2-Dichloroethene

Concen: 19.334 ug/l

RT: 4.476 min Scan# 556

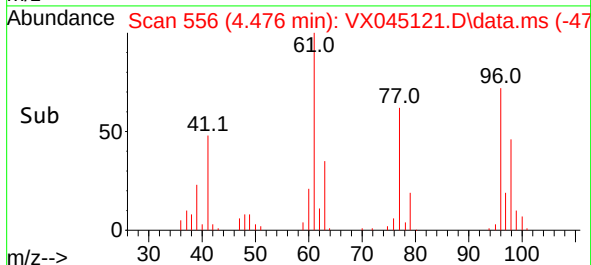
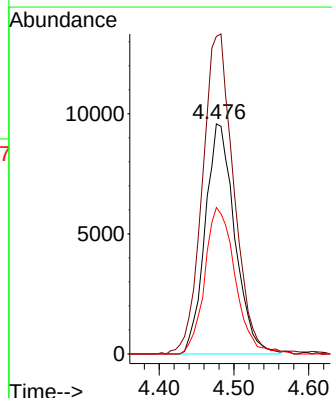
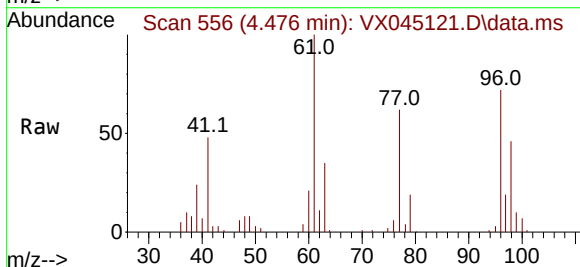
Delta R.T. -0.007 min

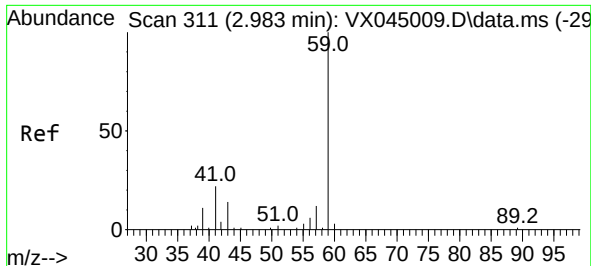
Lab File: VX045121.D

Acq: 04 Mar 2025 09:41

Tgt Ion: 96 Resp: 26340

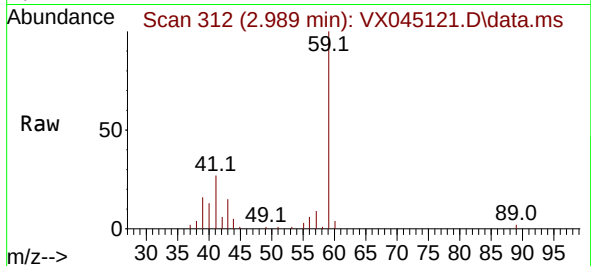
Ion	Ratio	Lower	Upper
96	100		
61	146.3	118.9	178.3
98	64.2	50.7	76.1





#23
tert-Butyl Alcohol
Concen: 95.695 ug/l
RT: 2.989 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

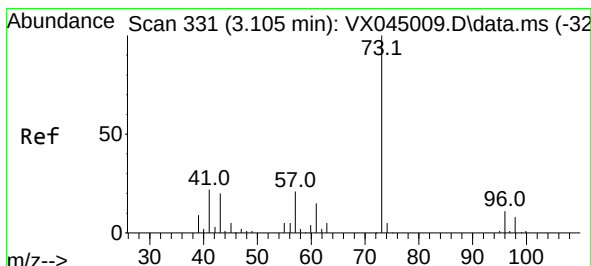
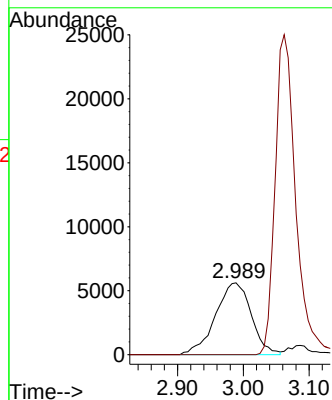
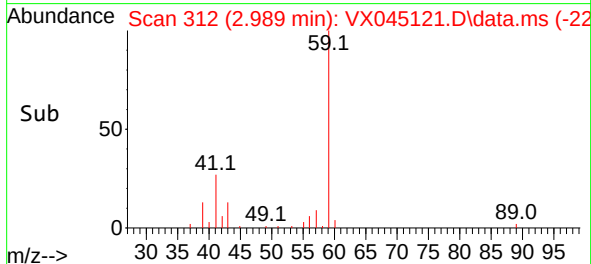
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01



Tgt Ion: 59 Resp: 21294
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

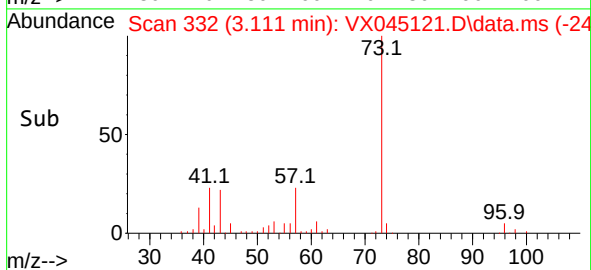
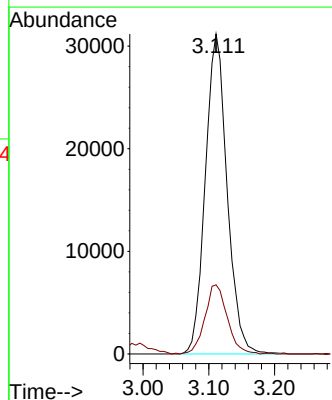
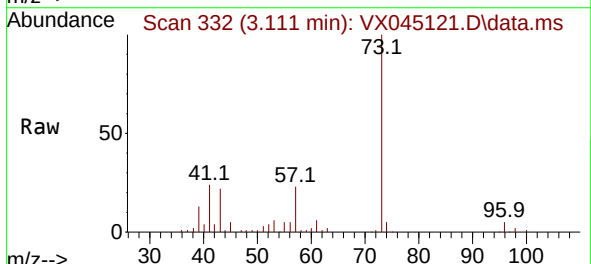
Manual Integrations
APPROVED

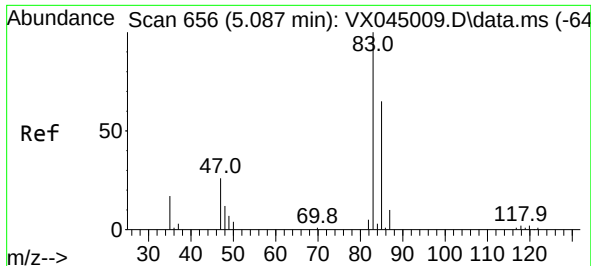
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#24
Methyl tert-Butyl Ether
Concen: 19.584 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

Tgt Ion: 73 Resp: 71829
Ion Ratio Lower Upper
73 100
43 22.1 17.4 26.0





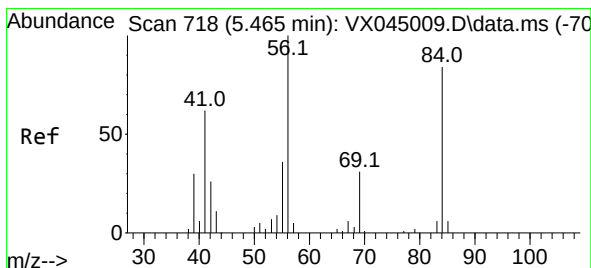
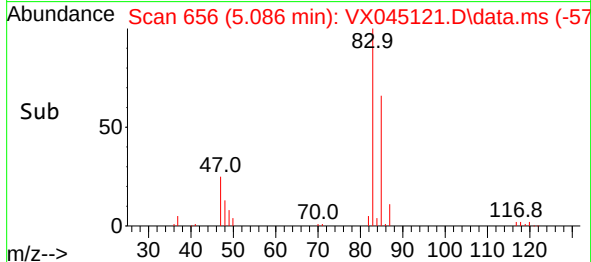
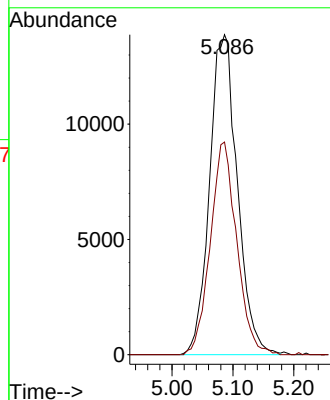
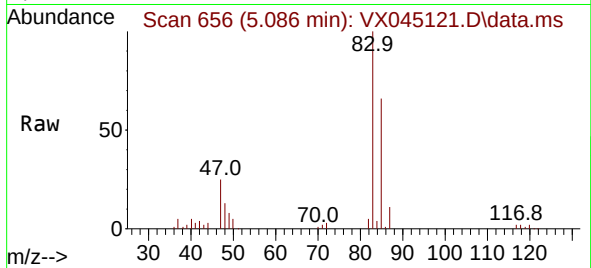
#25
Chloroform
Concen: 20.248 ug/l
RT: 5.086 min Scan# 611
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01

Tgt Ion: 83 Resp: 4393
Ion Ratio Lower Upper
83 100
85 66.5 51.7 77.5

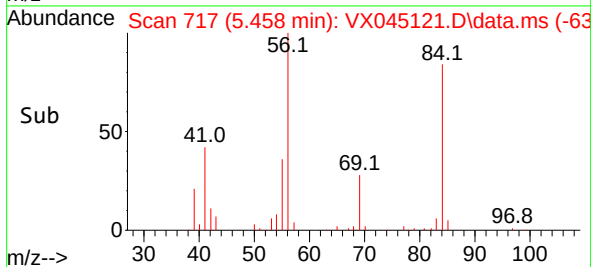
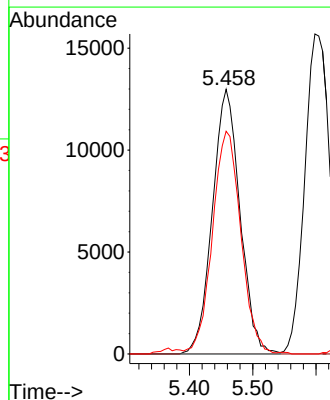
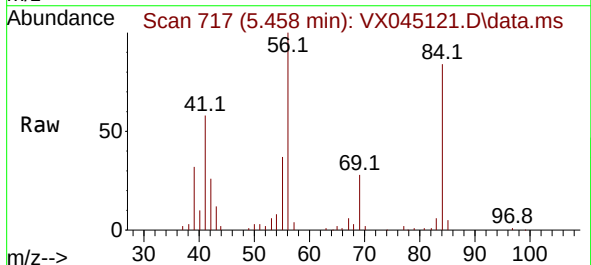
Manual Integrations
APPROVED

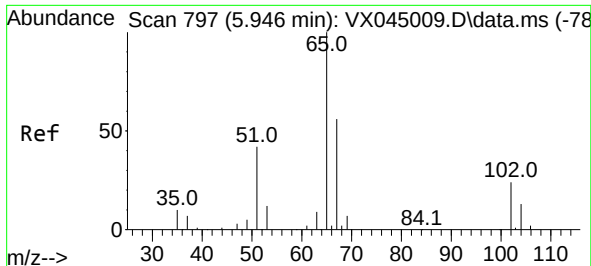
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#26
Cyclohexane
Concen: 18.984 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.007 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

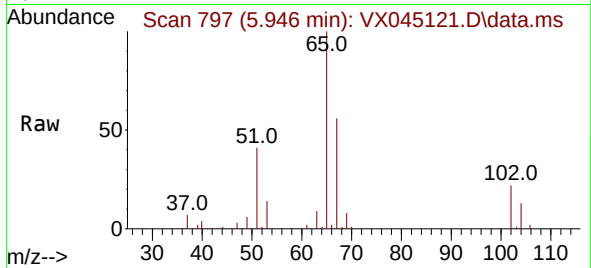
Tgt Ion: 56 Resp: 39361
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.6 67.1 100.7





#27
1,2-Dichloroethane-d4
Concen: 31.516 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

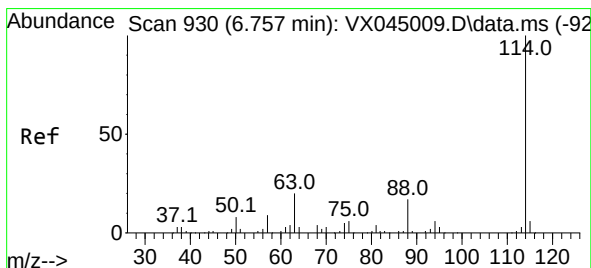
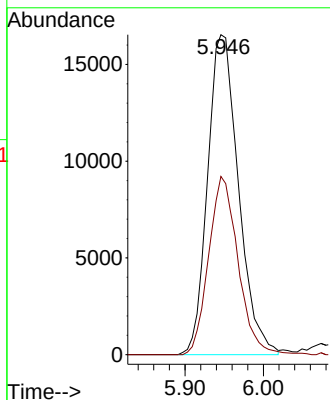
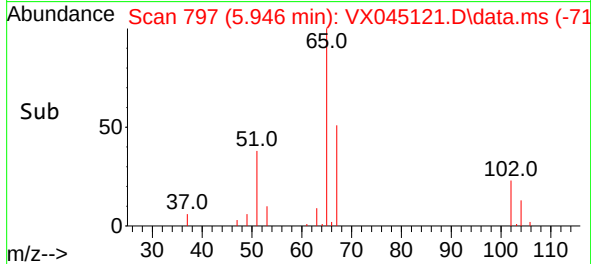
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01



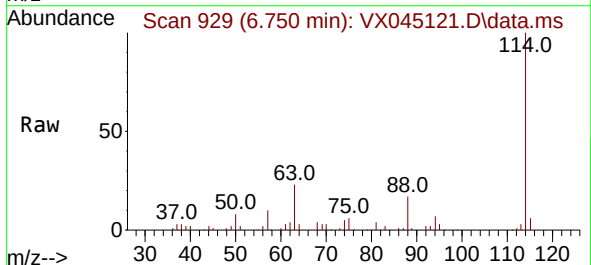
Tgt Ion: 65 Resp: 4528
Ion Ratio Lower Upper
65 100
67 53.0 42.6 64.0

Manual Integrations
APPROVED

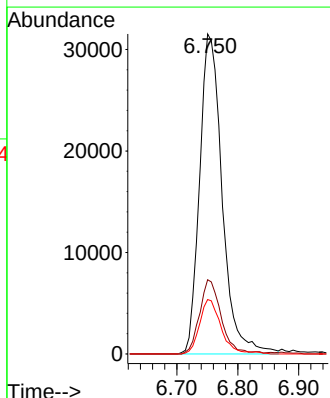
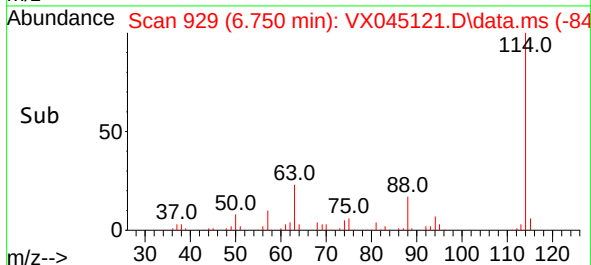
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025

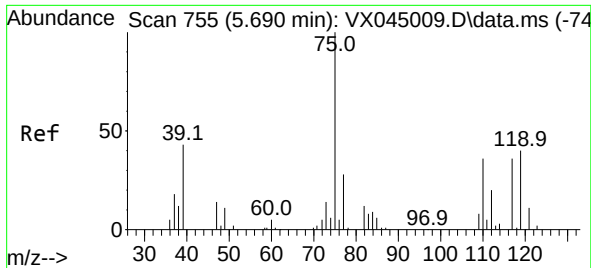


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.750 min Scan# 929
Delta R.T. -0.007 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41



Tgt Ion:114 Resp: 81282
Ion Ratio Lower Upper
114 100
63 21.6 16.8 25.2
88 16.2 12.7 19.1





#29

1,1-Dichloropropene

Concen: 19.268 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.007 min

Lab File: VX045121.D

Acq: 04 Mar 2025 09:41

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD01

Tgt Ion: 75 Resp: 28809

Ion Ratio Lower Upper

75 100

110 35.5 0.0 69.2

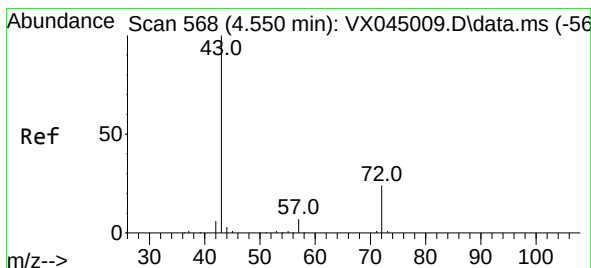
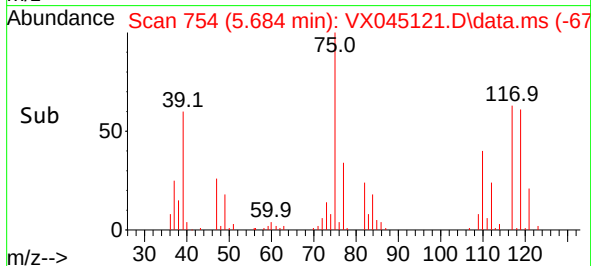
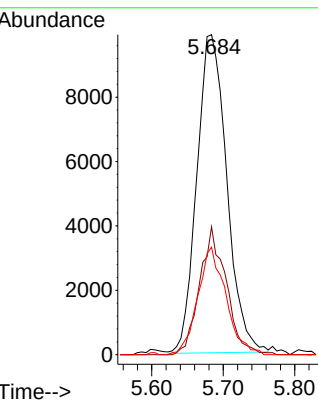
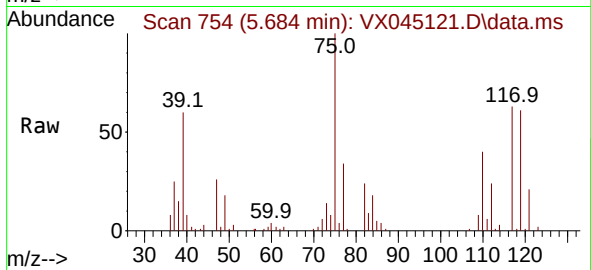
77 31.6 0.0 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2025

Supervised By :Mahesh Dadoda 03/05/2025



#30

2-Butanone

Concen: 105.909 ug/l

RT: 4.556 min Scan# 569

Delta R.T. 0.006 min

Lab File: VX045121.D

Acq: 04 Mar 2025 09:41

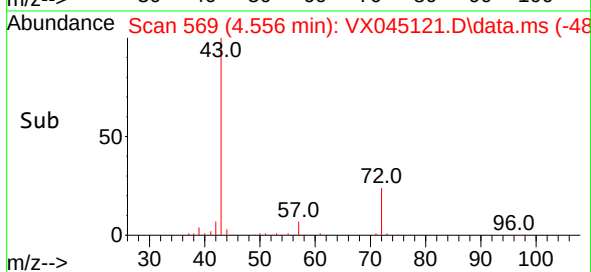
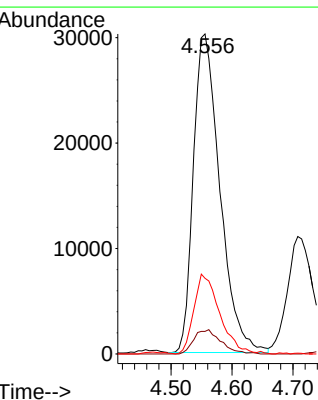
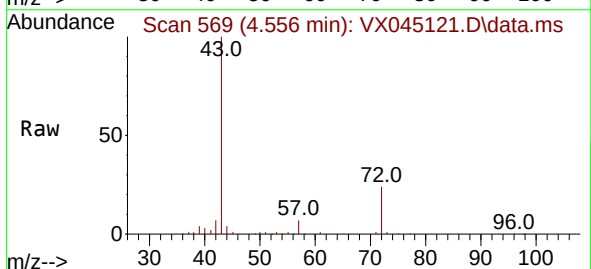
Tgt Ion: 43 Resp: 91465

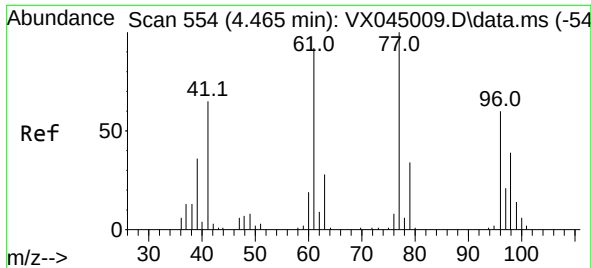
Ion Ratio Lower Upper

43 100

57 3.6 6.2 9.2#

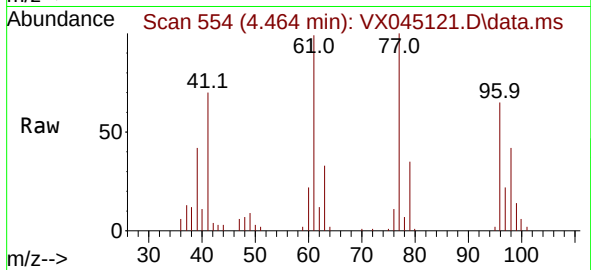
72 24.3 20.2 30.2





#31
2,2-Dichloropropane
Concen: 18.168 ug/l
RT: 4.464 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

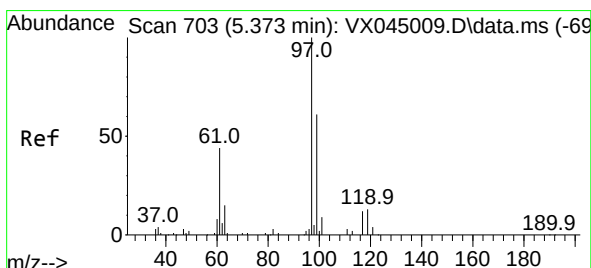
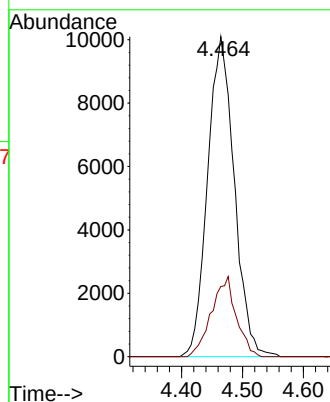
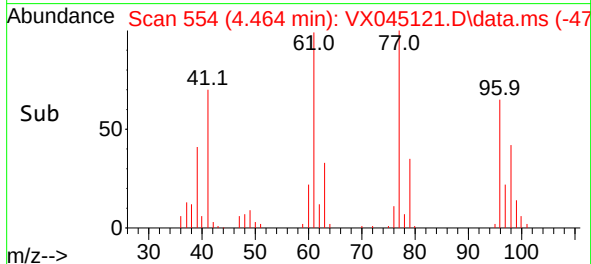
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01



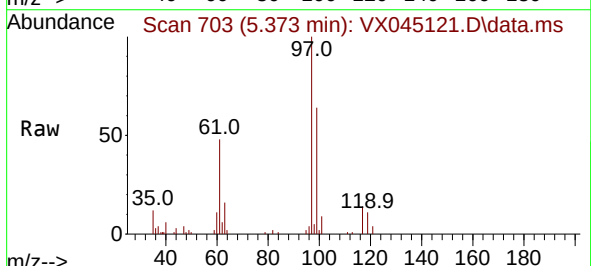
Tgt Ion: 77 Resp: 3071
Ion Ratio Lower Upper
77 100
97 23.3 18.0 27.0

Manual Integrations
APPROVED

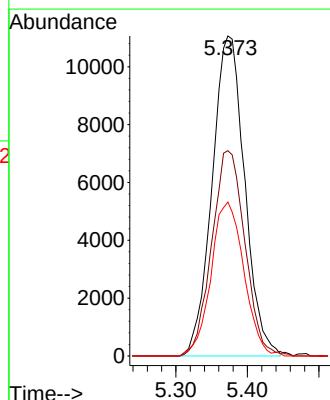
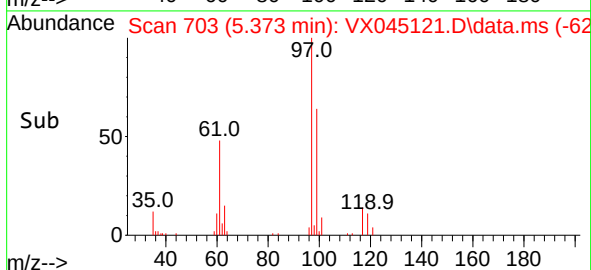
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025

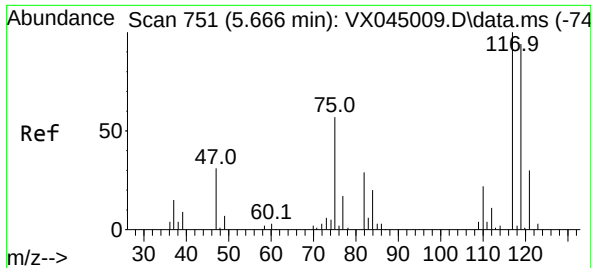


#32
1,1,1-Trichloroethane
Concen: 19.296 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41



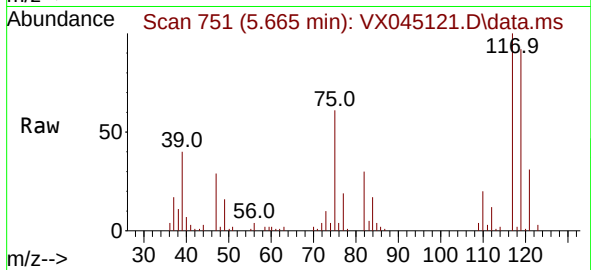
Tgt Ion: 97 Resp: 34958
Ion Ratio Lower Upper
97 100
99 65.3 52.2 78.2
61 48.4 38.5 57.7





#33
Carbon Tetrachloride
Concen: 19.354 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

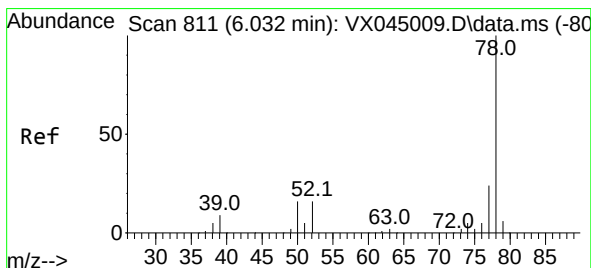
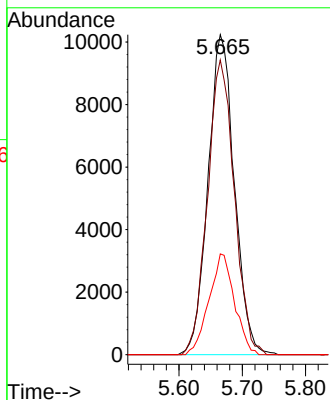
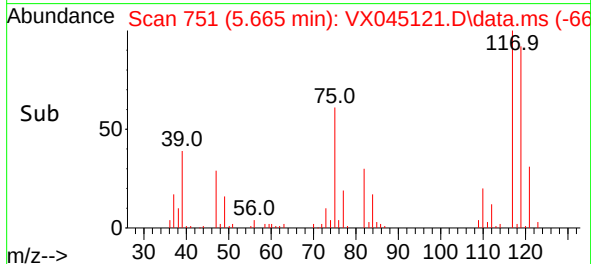
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01



Tgt Ion:117 Resp: 29590
Ion Ratio Lower Upper
117 100
119 92.1 75.1 112.7
121 31.5 23.9 35.9

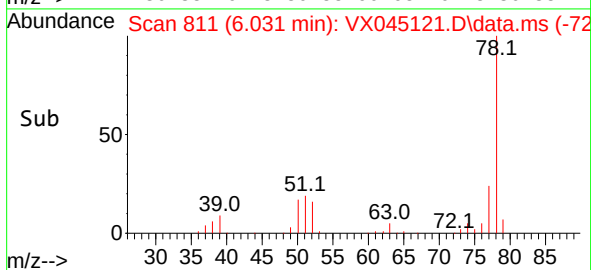
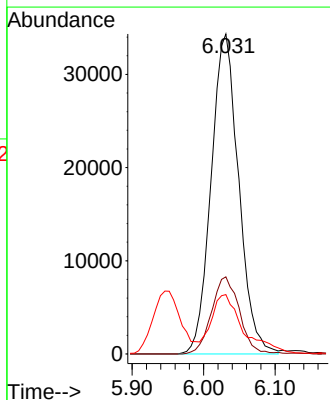
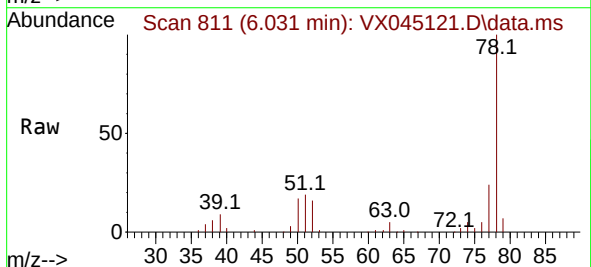
Manual Integrations
APPROVED

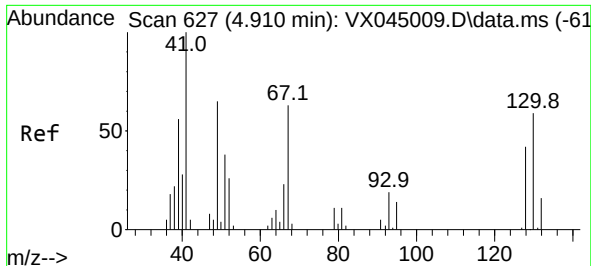
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#34
Benzene
Concen: 19.597 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

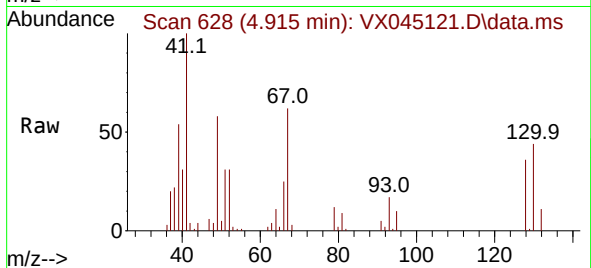
Tgt Ion: 78 Resp: 91887
Ion Ratio Lower Upper
78 100
77 24.1 19.6 29.4
51 16.7 13.8 20.6





#35
Methacrylonitrile
Concen: 21.184 ug/l
RT: 4.915 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

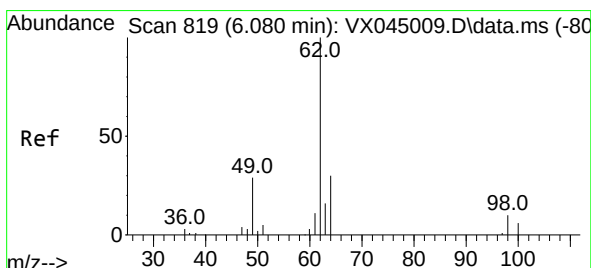
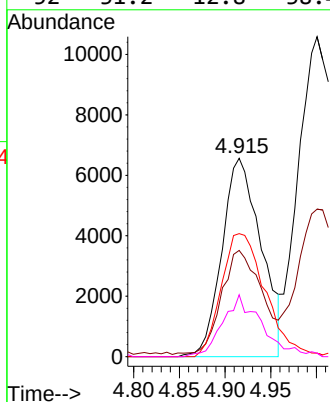
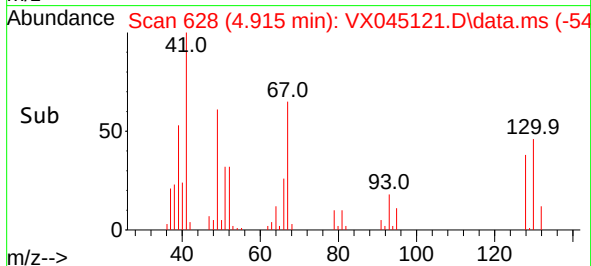
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01



Tgt Ion:	41	Resp:	1957
Ion	Ratio	Lower	Upper
41	100		
39	51.7	27.8	83.4
67	62.0	31.5	94.5
52	31.2	12.8	38.4

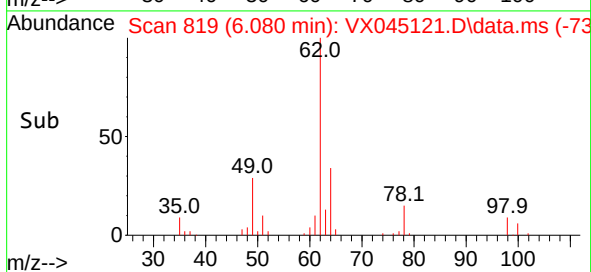
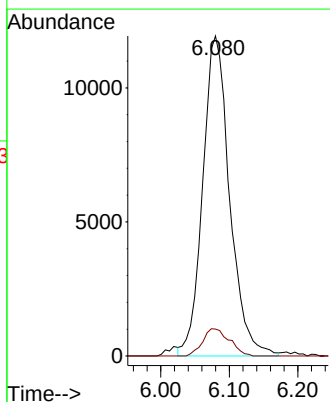
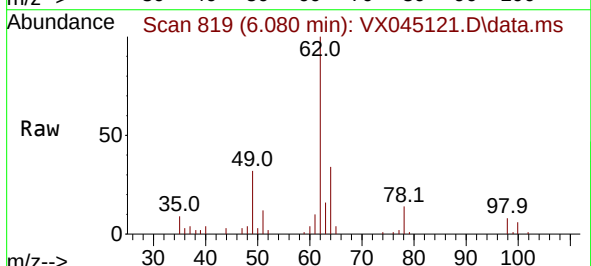
Manual Integrations
APPROVED

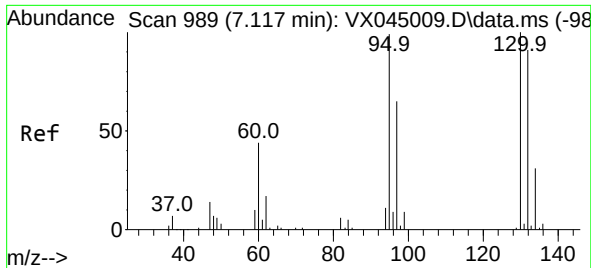
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#36
1,2-Dichloroethane
Concen: 20.334 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

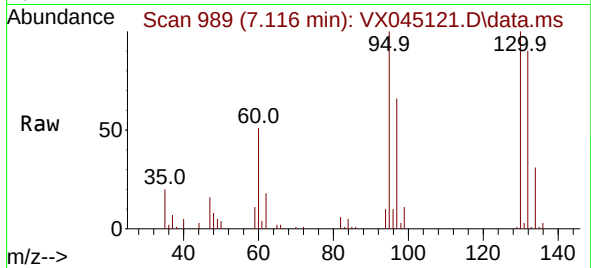
Tgt Ion:	62	Resp:	32643
Ion	Ratio	Lower	Upper
62	100		
98	8.4	7.9	11.9





#37
Trichloroethene
Concen: 19.240 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

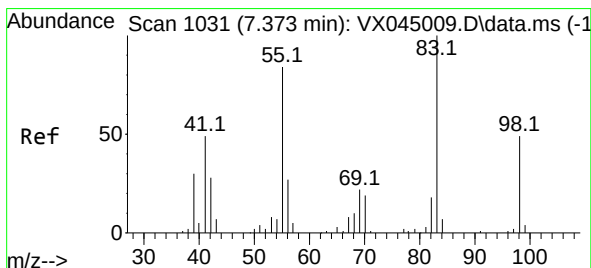
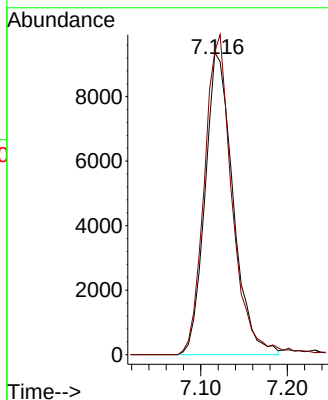
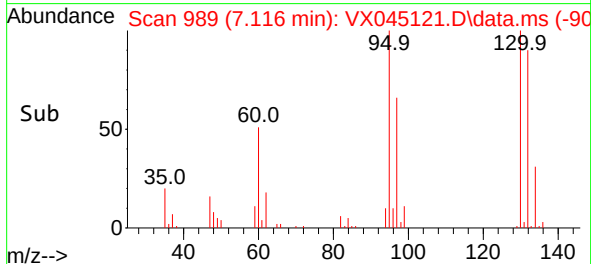
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01



Tgt Ion:130 Resp: 2110
Ion Ratio Lower Upper
130 100
95 100.4 79.0 118.4

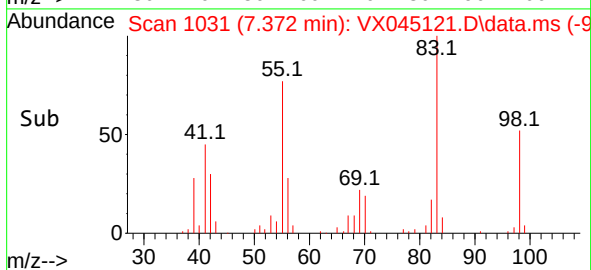
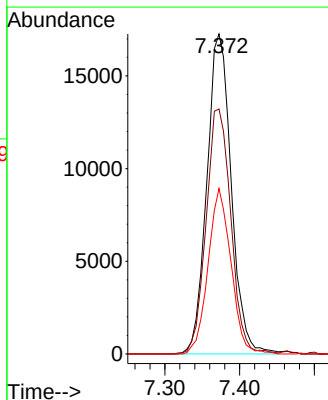
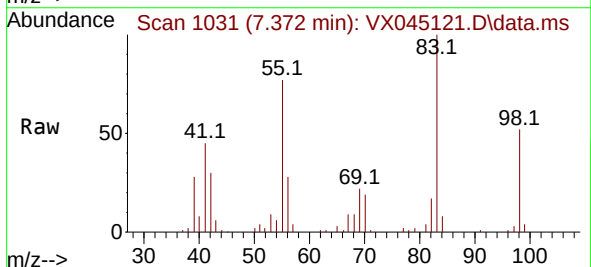
Manual Integrations
APPROVED

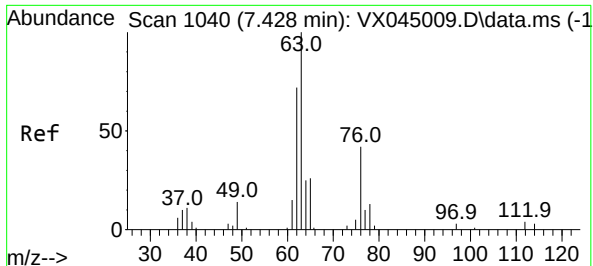
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#38
Methylcyclohexane
Concen: 19.577 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

Tgt Ion: 83 Resp: 39303
Ion Ratio Lower Upper
83 100
55 77.2 40.6 122.0
98 48.5 24.9 74.6





#39

1,2-Dichloropropane

Concen: 19.638 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.007 min

Lab File: VX045121.D

Acq: 04 Mar 2025 09:41

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD01

Tgt Ion: 63 Resp: 2289

Ion Ratio Lower Upper

63 100

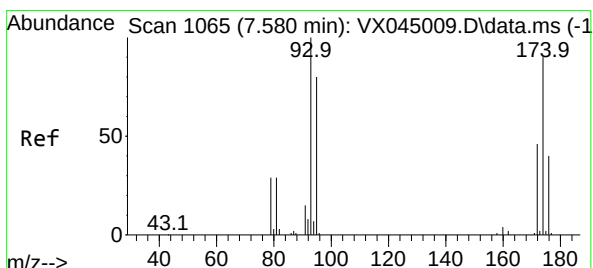
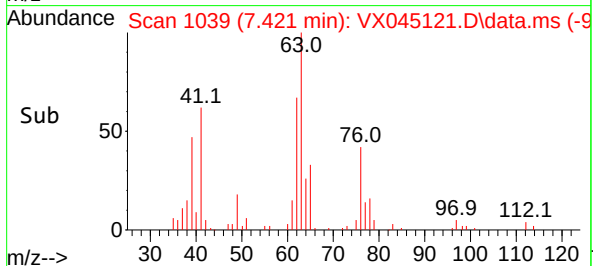
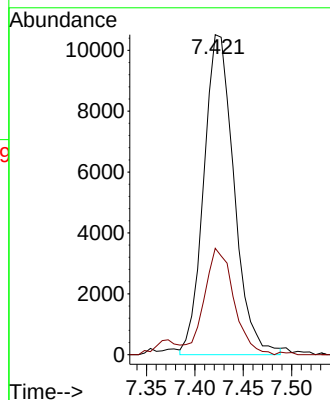
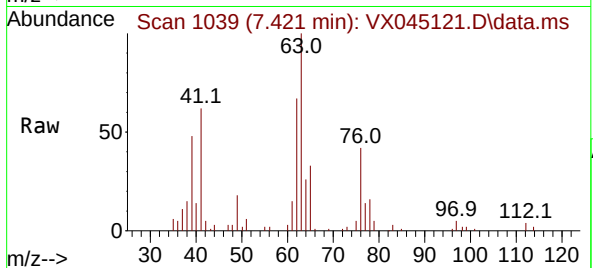
65 33.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2025

Supervised By :Mahesh Dadoda 03/05/2025



#40

Dibromomethane

Concen: 20.343 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX045121.D

Acq: 04 Mar 2025 09:41

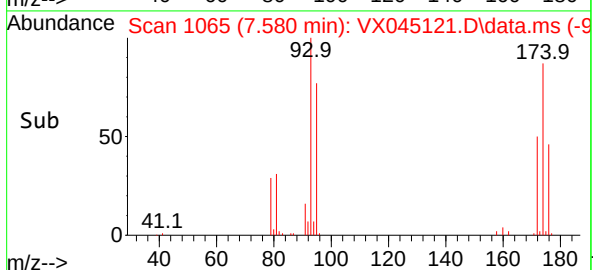
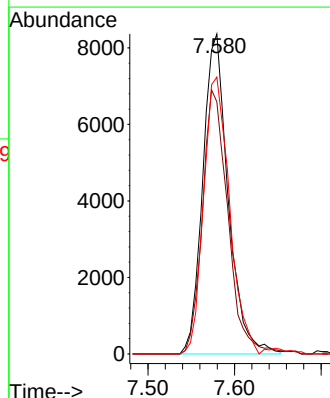
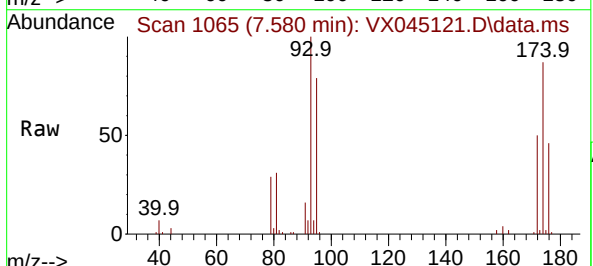
Tgt Ion: 93 Resp: 17017

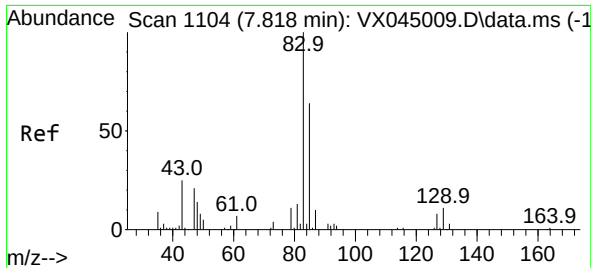
Ion Ratio Lower Upper

93 100

95 82.9 0.0 162.6

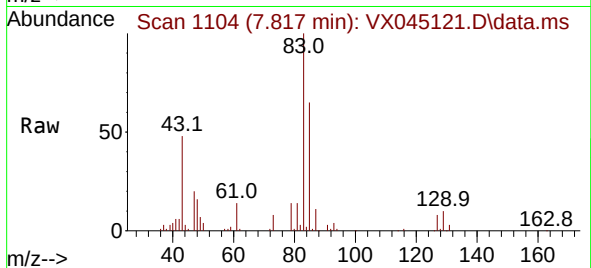
174 88.4 0.0 178.8





#41
Bromodichloromethane
Concen: 19.907 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

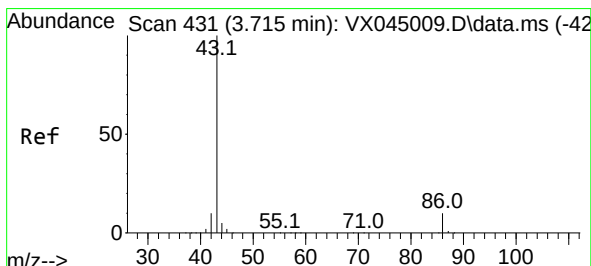
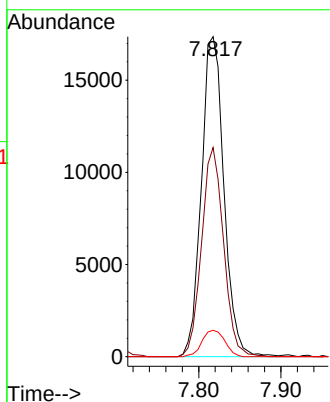
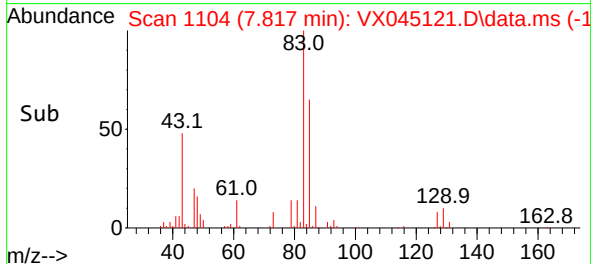
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01



Tgt Ion: 83 Resp: 3309
Ion Ratio Lower Upper
83 100
85 65.3 51.0 76.6
127 8.2 6.1 9.1

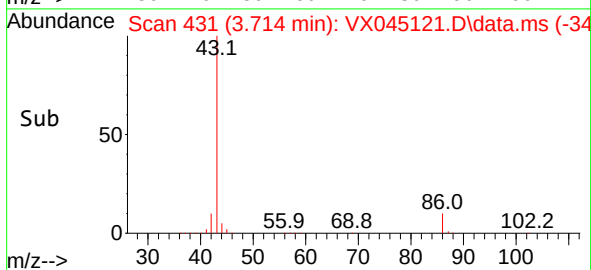
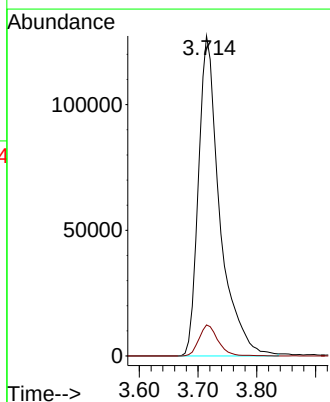
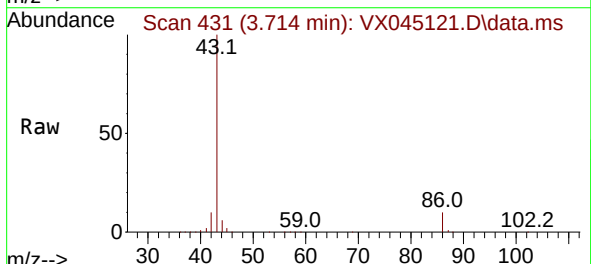
Manual Integrations
APPROVED

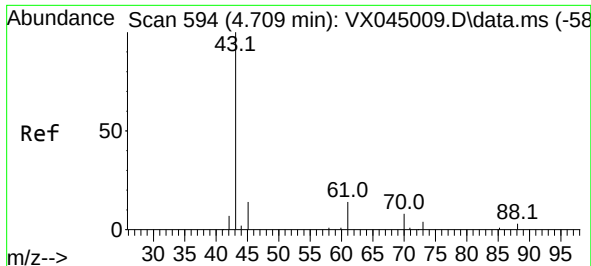
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#42
Vinyl Acetate
Concen: 95.901 ug/l
RT: 3.714 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

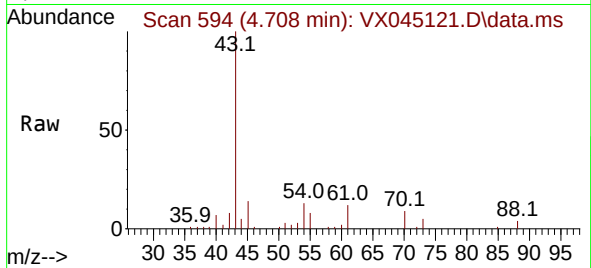
Tgt Ion: 43 Resp: 321395
Ion Ratio Lower Upper
43 100
86 8.7 7.0 10.4





#43
Ethyl Acetate
Concen: 20.784 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

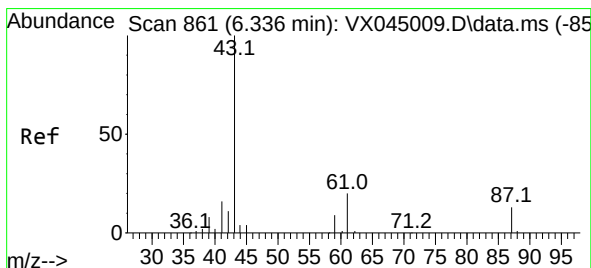
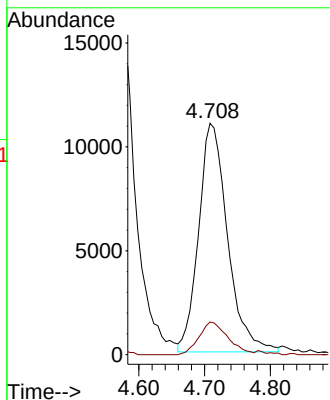
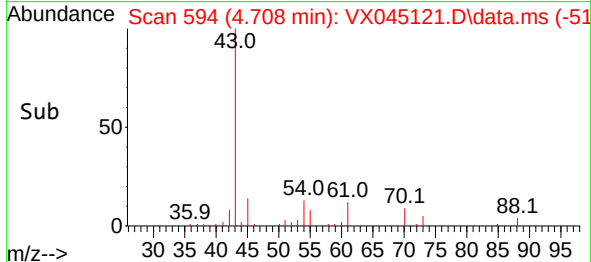
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01



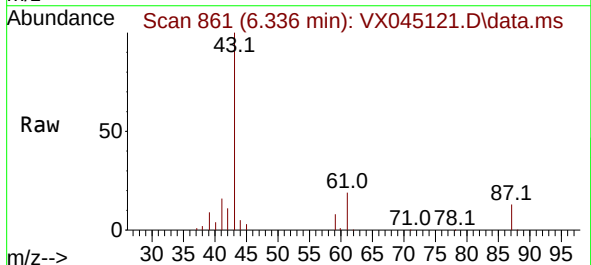
Tgt Ion: 43 Resp: 3366
Ion Ratio Lower Upper
43 100
45 14.3 12.7 19.1

Manual Integrations
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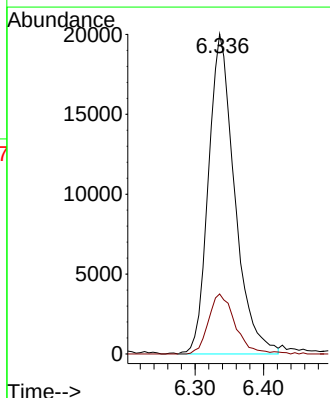
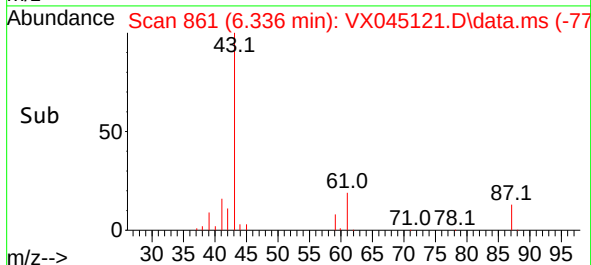
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025

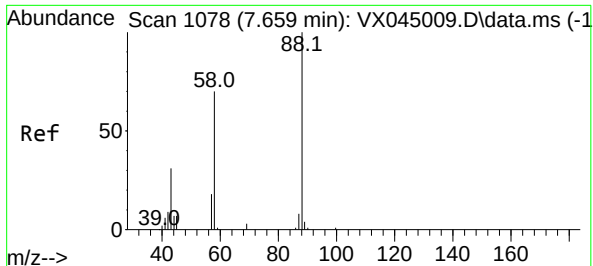


#44
Isopropyl Acetate
Concen: 19.937 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41



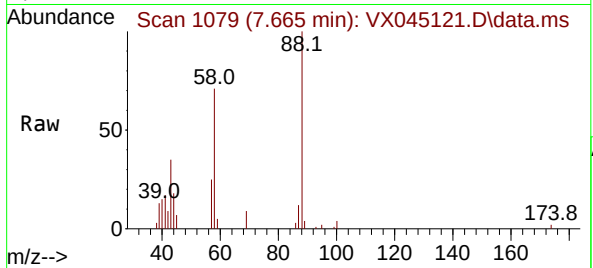
Tgt Ion: 43 Resp: 53144
Ion Ratio Lower Upper
43 100
61 18.9 15.5 23.3





#45
1,4-Dioxane
Concen: 382.785 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

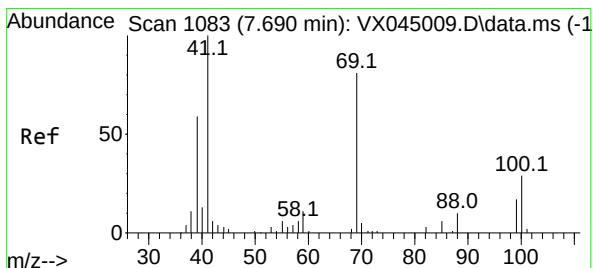
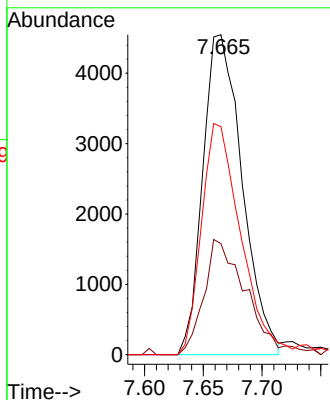
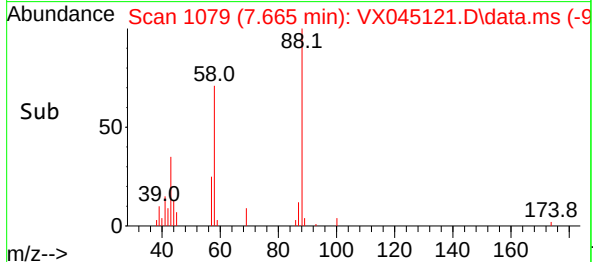
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01



Tgt Ion: 88 Resp: 1060
Ion Ratio Lower Upper
88 100
43 37.3 29.6 44.4
58 71.7 56.2 84.4

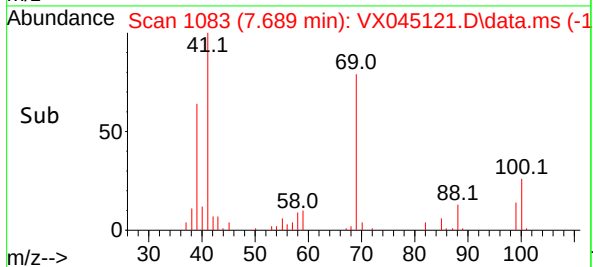
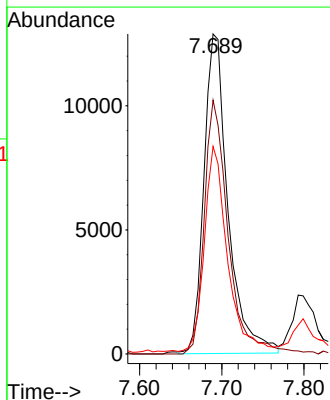
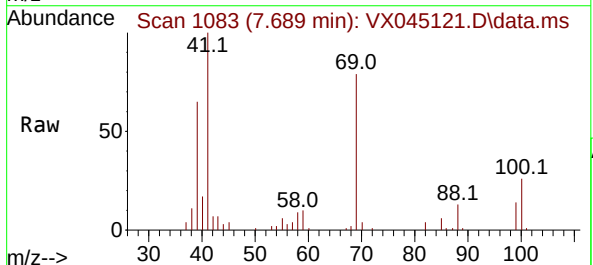
Manual Integrations
APPROVED

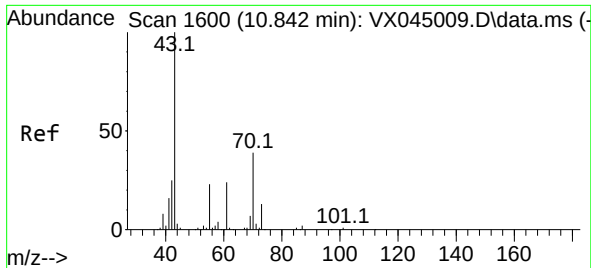
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#46
Methyl methacrylate
Concen: 20.082 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

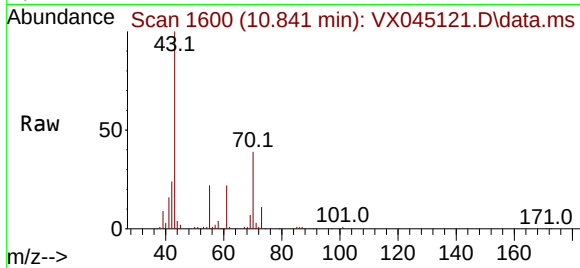
Tgt Ion: 41 Resp: 26248
Ion Ratio Lower Upper
41 100
69 79.8 40.7 122.1
39 64.4 29.5 88.5





#47
n-amy1 Acetate
Concen: 19.299 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

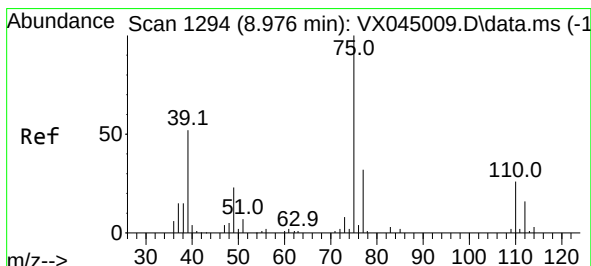
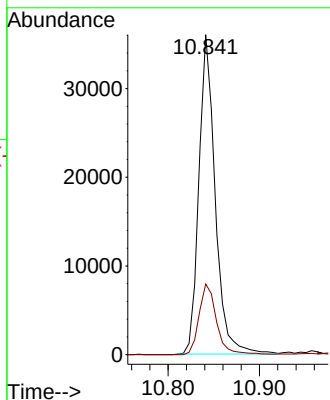
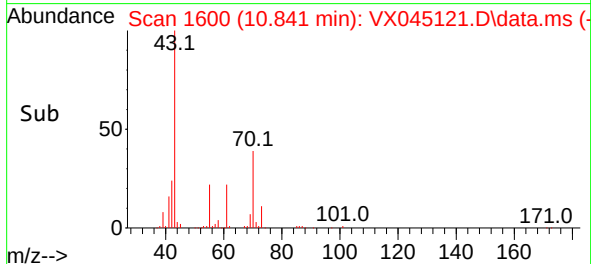
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01



Tgt Ion: 43 Resp: 44640
Ion Ratio Lower Upper
43 100
55 23.7 18.6 27.8

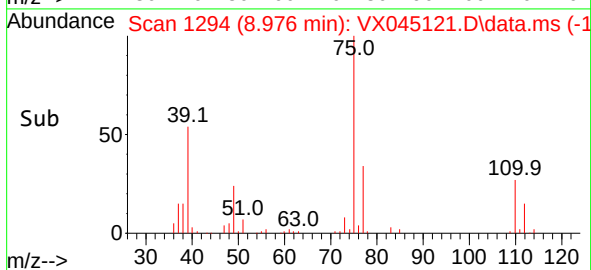
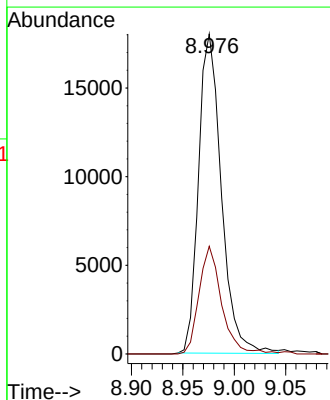
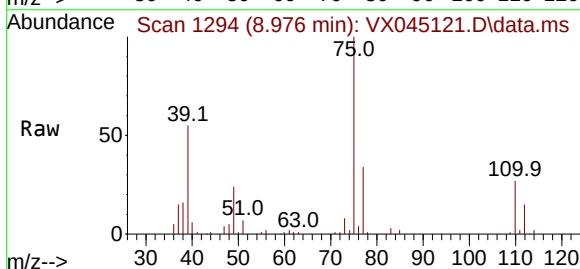
Manual Integrations
APPROVED

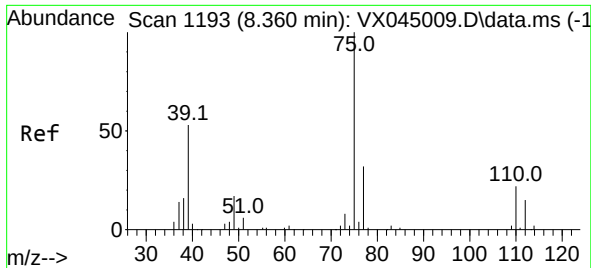
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#48
t-1,3-Dichloropropene
Concen: 17.421 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

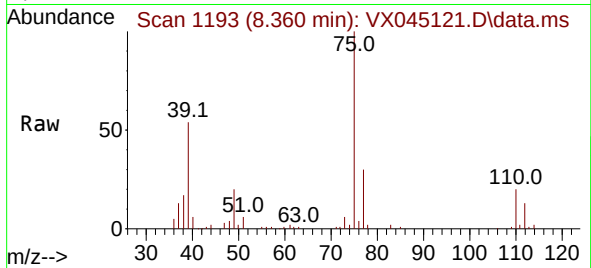
Tgt Ion: 75 Resp: 27918
Ion Ratio Lower Upper
75 100
77 33.7 25.7 38.5





#49
 cis-1,3-Dichloropropene
 Concen: 18.947 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. -0.000 min
 Lab File: VX045121.D
 Acq: 04 Mar 2025 09:41

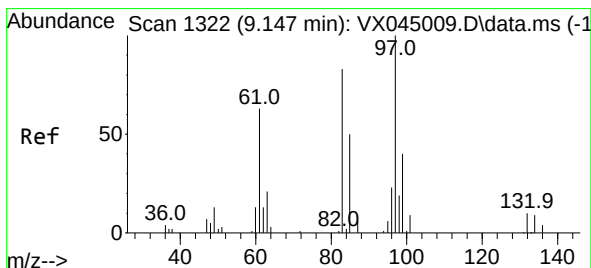
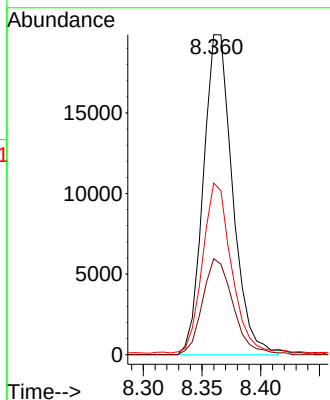
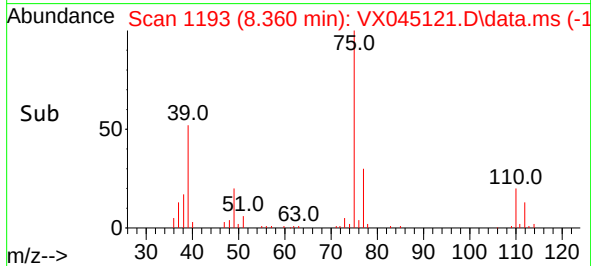
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBSD01



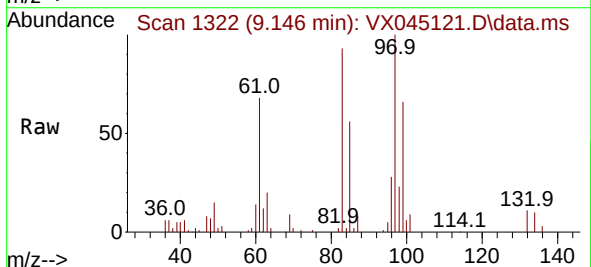
Tgt Ion: 75 Resp: 34372
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.9 38.9
 39 52.7 42.3 63.5

Manual Integrations
 APPROVED

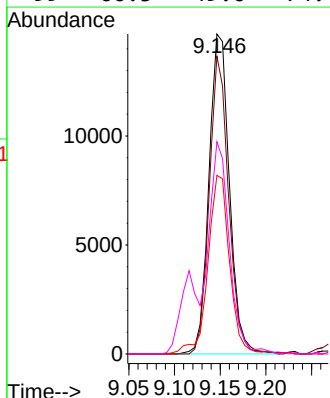
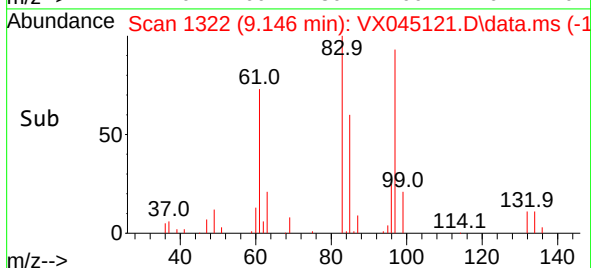
Reviewed By :John Carlone 03/05/2025
 Supervised By :Mahesh Dadoda 03/05/2025

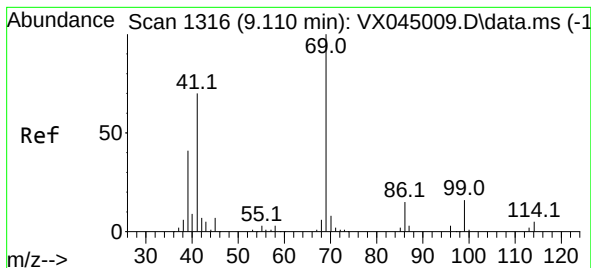


#50
 1,1,2-Trichloroethane
 Concen: 20.916 ug/l
 RT: 9.146 min Scan# 1322
 Delta R.T. -0.000 min
 Lab File: VX045121.D
 Acq: 04 Mar 2025 09:41



Tgt Ion: 97 Resp: 22822
 Ion Ratio Lower Upper
 97 100
 83 93.0 66.0 99.0
 85 55.2 42.5 63.7
 99 66.3 49.6 74.4





#51

Ethyl methacrylate

Concen: 19.944 ug/l

RT: 9.116 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VX045121.D

Acq: 04 Mar 2025 09:41

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD01

Tgt Ion: 69 Resp: 34220

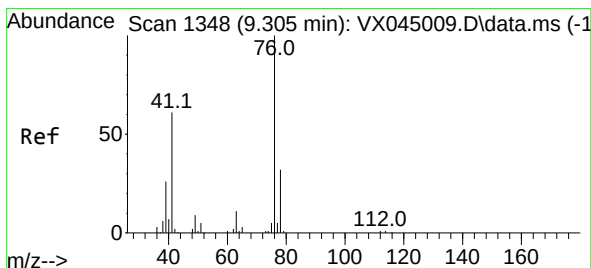
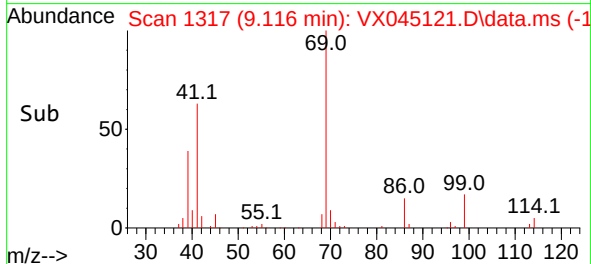
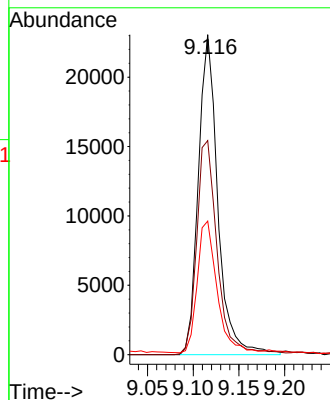
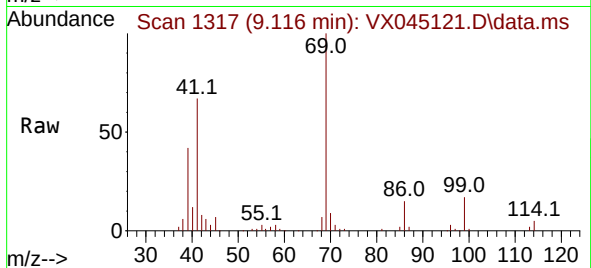
Ion	Ratio	Lower	Upper
69	100		
41	66.6	35.1	105.3
39	41.2	20.5	61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2025

Supervised By :Mahesh Dadoda 03/05/2025



#52

1,3-Dichloropropane

Concen: 20.943 ug/l

RT: 9.305 min Scan# 1348

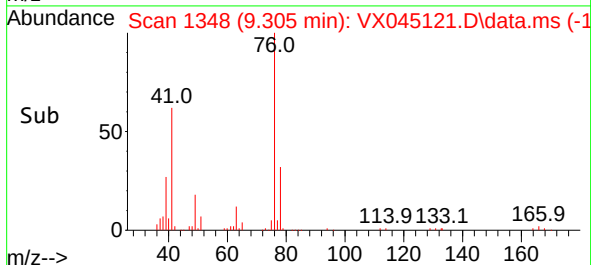
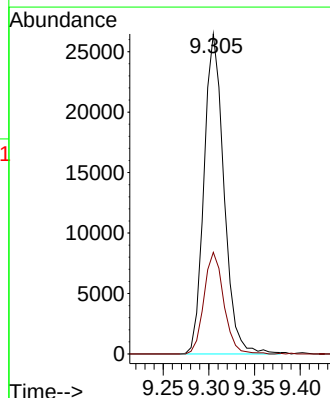
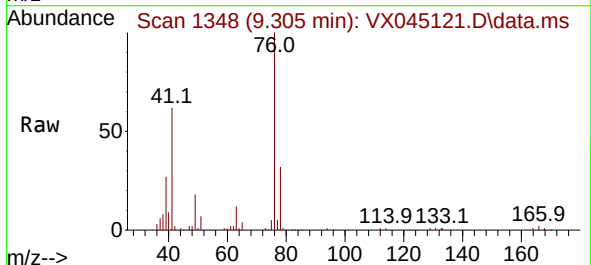
Delta R.T. -0.000 min

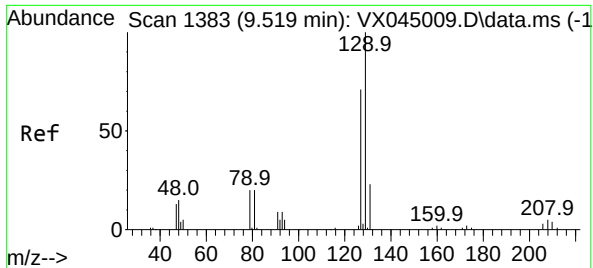
Lab File: VX045121.D

Acq: 04 Mar 2025 09:41

Tgt Ion: 76 Resp: 40040

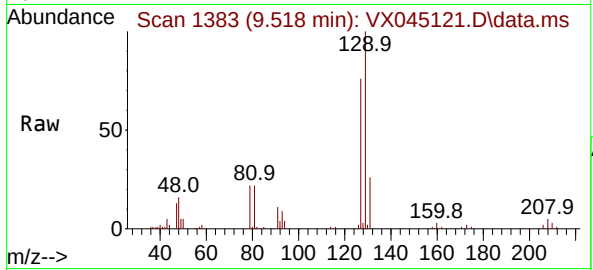
Ion	Ratio	Lower	Upper
76	100		
78	31.4	0.0	63.6





#53
Dibromochloromethane
Concen: 19.973 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

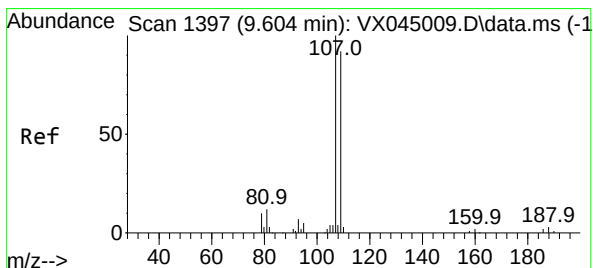
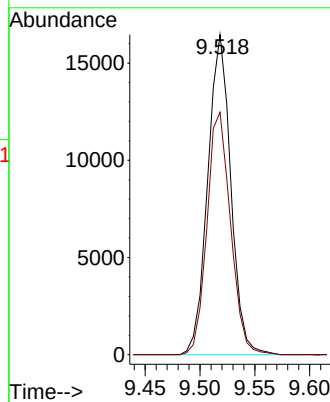
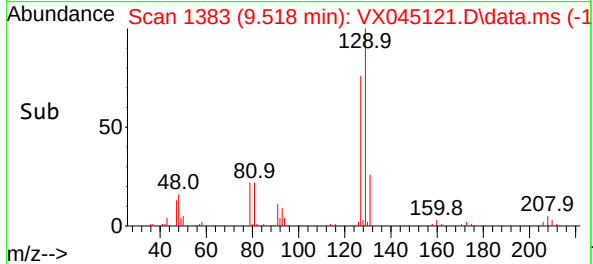
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01



Tgt Ion:129 Resp: 2410
Ion Ratio Lower Upper
129 100
127 77.4 37.3 111.9

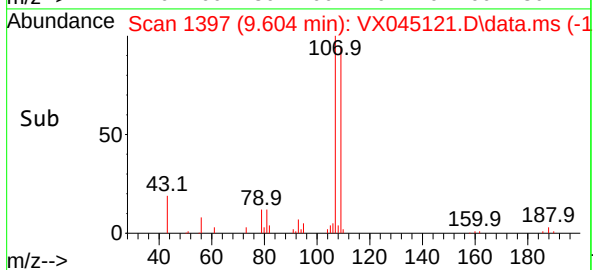
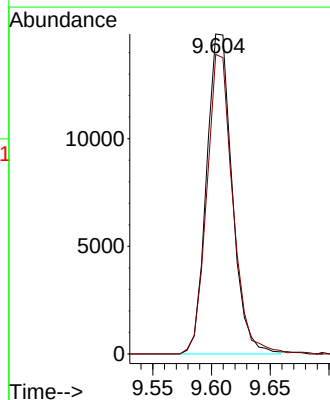
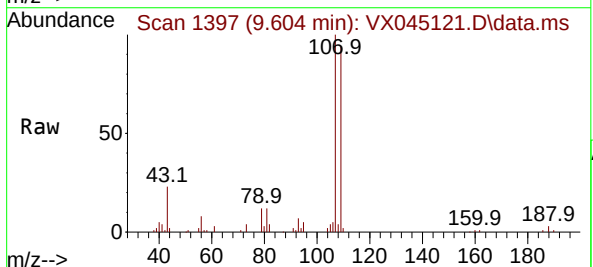
Manual Integrations
APPROVED

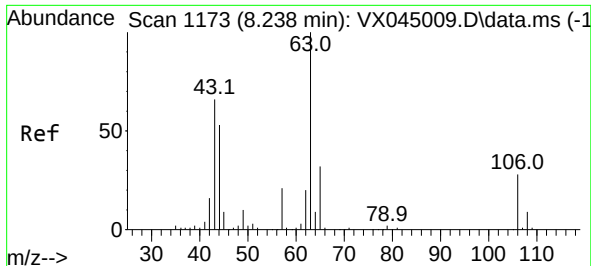
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#54
1,2-Dibromoethane
Concen: 20.386 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

Tgt Ion:107 Resp: 22588
Ion Ratio Lower Upper
107 100
109 94.8 75.8 113.8





#55

2-Chloroethyl vinyl ether

Concen: 99.140 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045121.D

Acq: 04 Mar 2025 09:41

Instrument :

MSVOA_X

ClientSampleId :

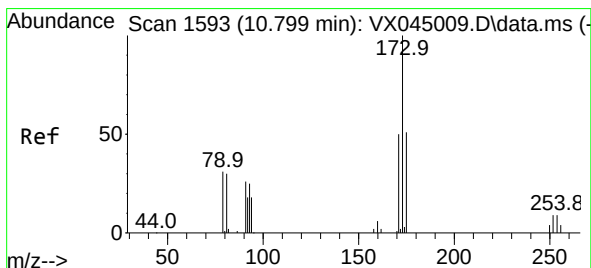
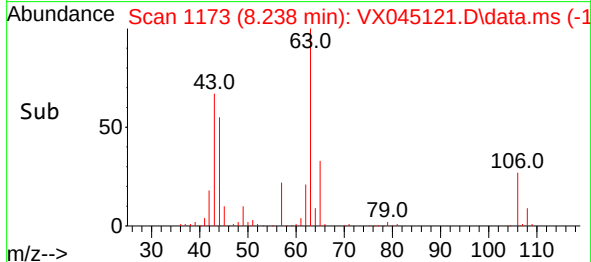
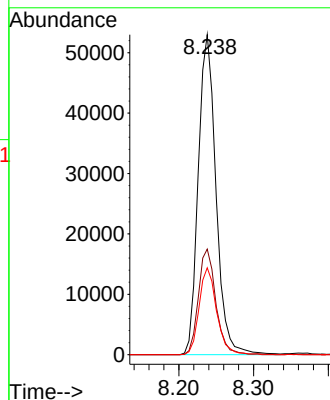
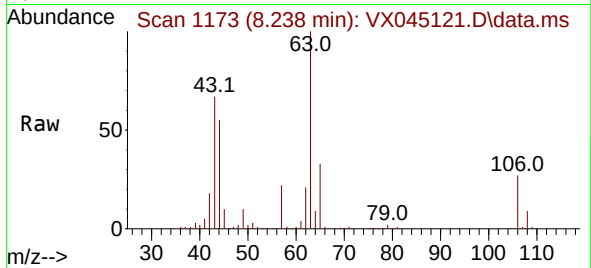
VX0304WBSD01

Tgt Ion:	63	Resp:	8736
Ion Ratio	Lower	Upper	
63	100		
65	32.3	26.2	39.2
106	26.7	21.2	31.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#56

Bromoform

Concen: 19.655 ug/l

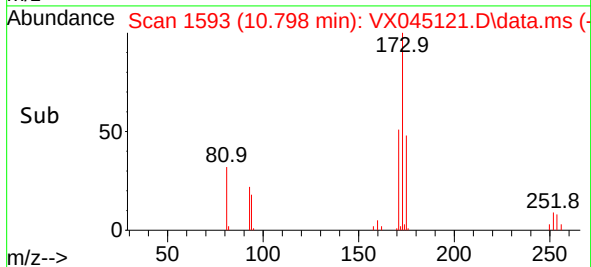
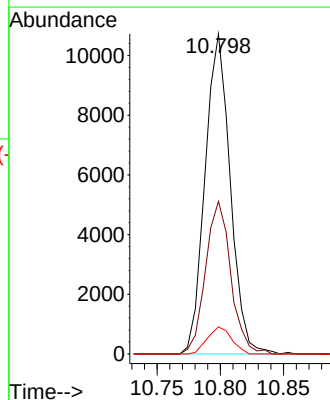
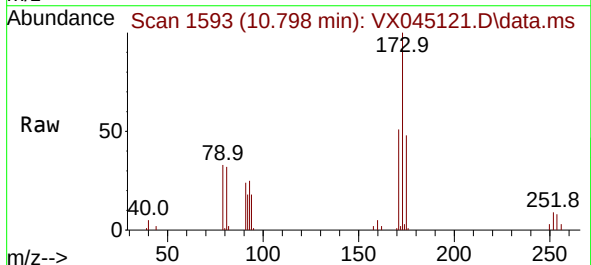
RT: 10.798 min Scan# 1593

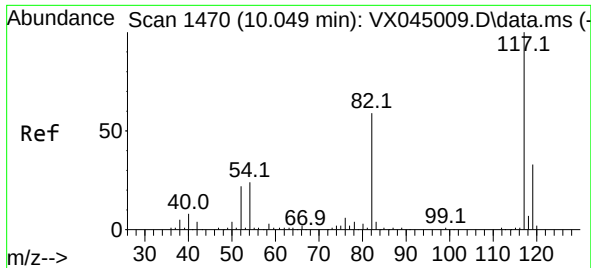
Delta R.T. -0.000 min

Lab File: VX045121.D

Acq: 04 Mar 2025 09:41

Tgt Ion:	173	Resp:	14863
Ion Ratio	Lower	Upper	
173	100		
175	47.8	39.6	59.4
254	8.1	6.3	9.5





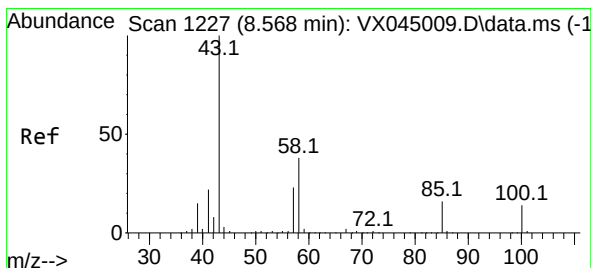
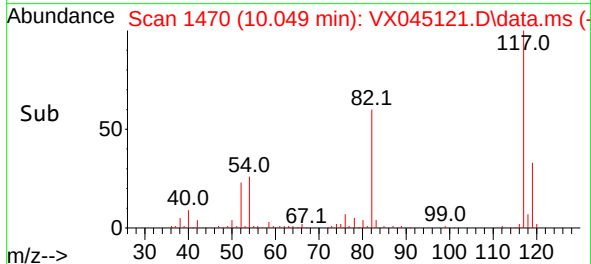
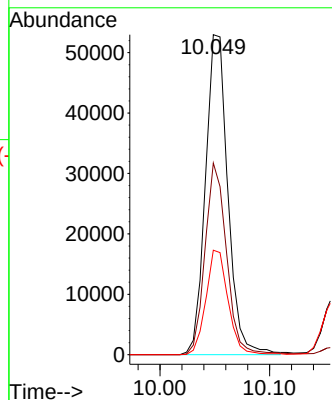
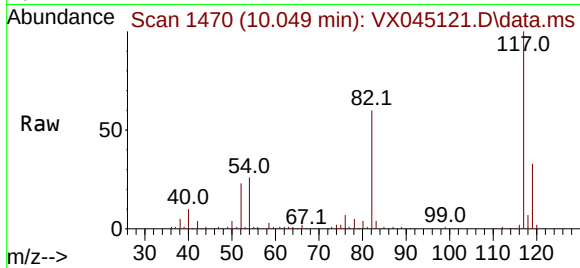
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01

Tgt Ion: 117 Resp: 75372
Ion Ratio Lower Upper
117 100
82 57.5 45.8 68.8
119 32.2 25.5 38.3

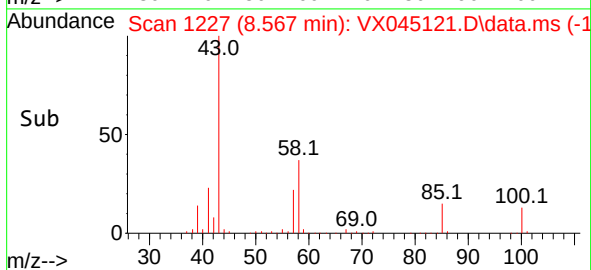
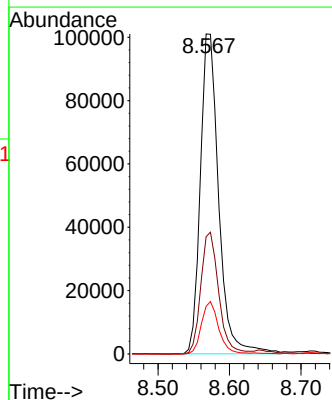
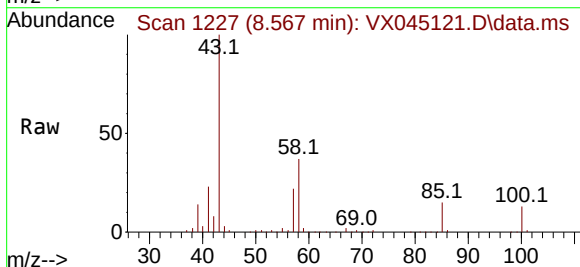
Manual Integrations
APPROVED

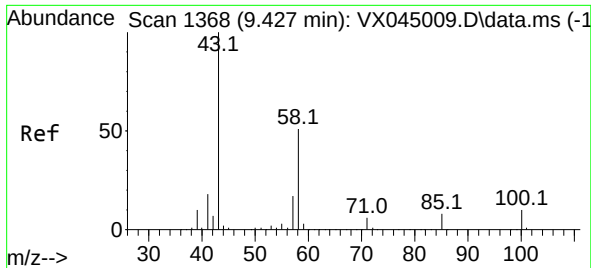
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#58
4-Methyl-2-Pentanone
Concen: 105.077 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

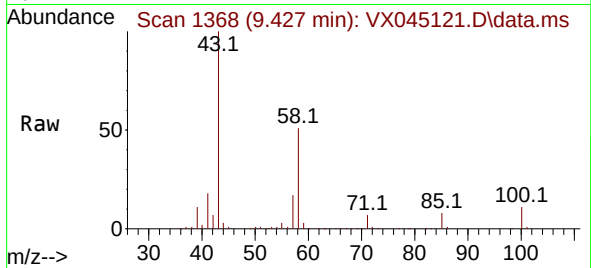
Tgt Ion: 43 Resp: 180161
Ion Ratio Lower Upper
43 100
58 36.9 29.5 44.3
85 15.3 12.9 19.3





#59
2-Hexanone
Concen: 104.033 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

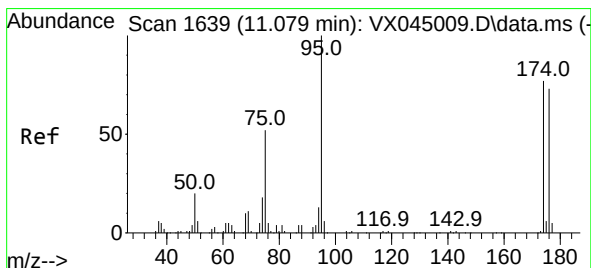
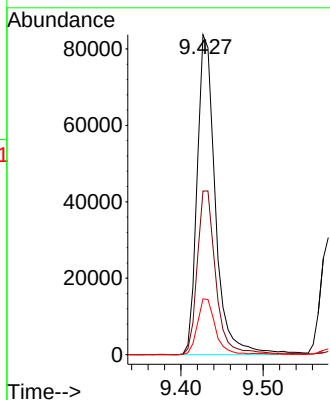
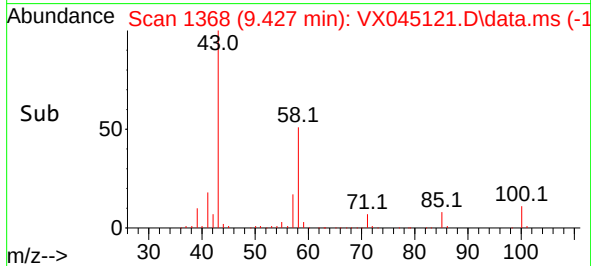
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01



Tgt Ion: 43 Resp: 128928
Ion Ratio Lower Upper
43 100
58 52.1 41.6 62.4
57 17.1 13.8 20.6

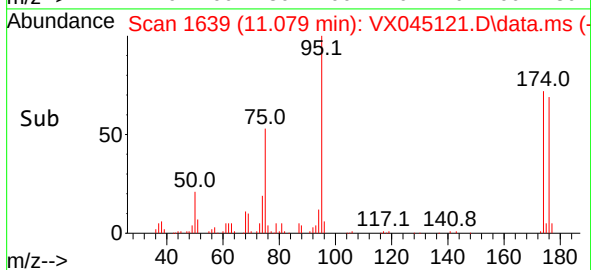
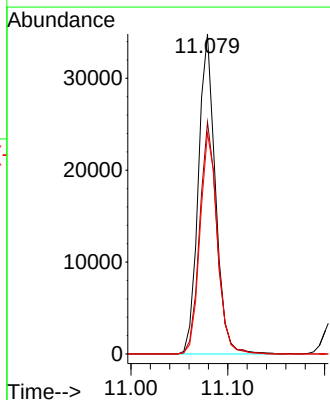
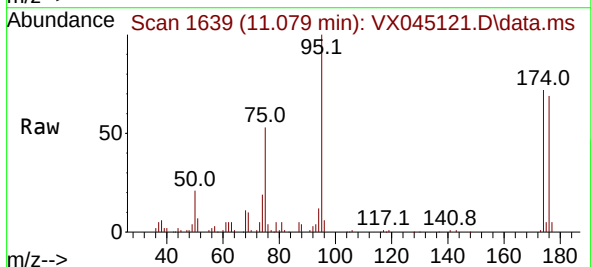
Manual Integrations
APPROVED

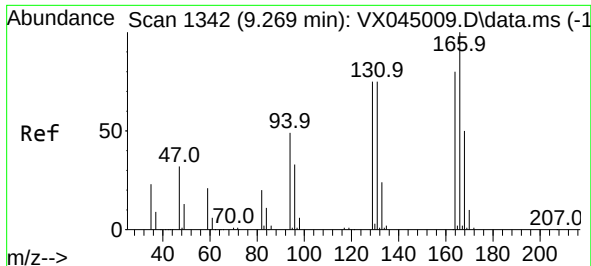
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#60
4-Bromofluorobenzene
Concen: 30.349 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

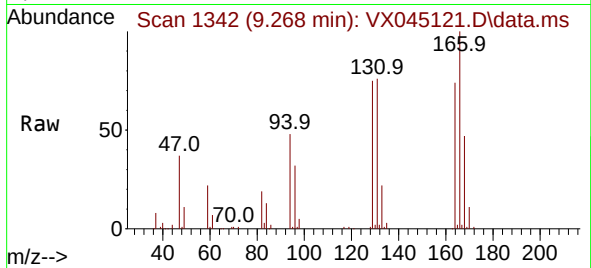
Tgt Ion: 95 Resp: 42756
Ion Ratio Lower Upper
95 100
174 73.6 59.5 89.3
176 70.4 55.5 83.3





#61
Tetrachloroethene
Concen: 20.430 ug/l
RT: 9.268 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

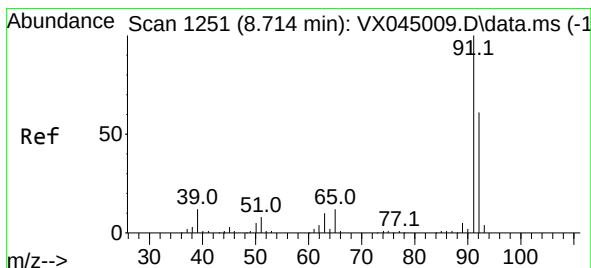
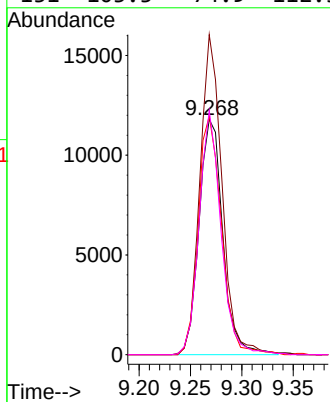
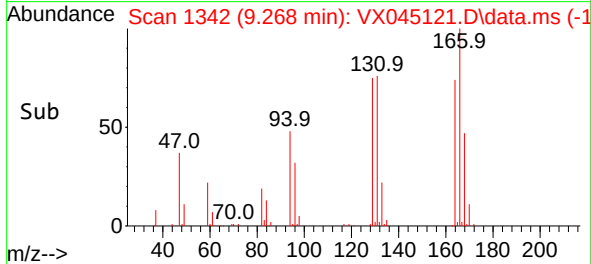
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01



Tgt Ion:164 Resp: 18962
Ion Ratio Lower Upper
164 100
166 135.4 100.3 150.5
129 101.4 75.5 113.3
131 103.3 74.9 112.3

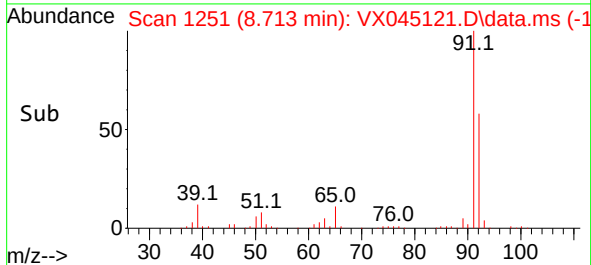
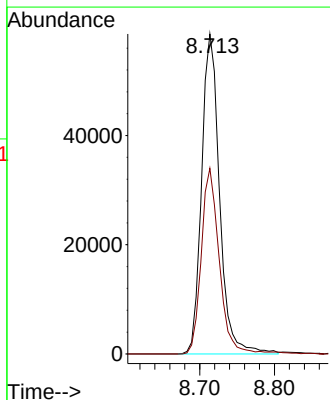
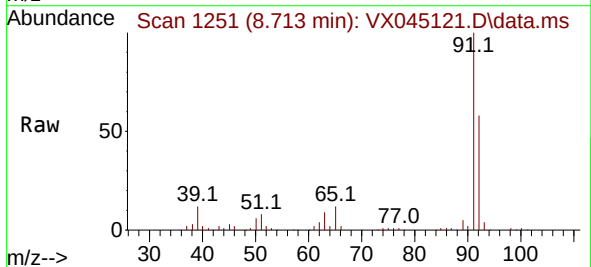
Manual Integrations
APPROVED

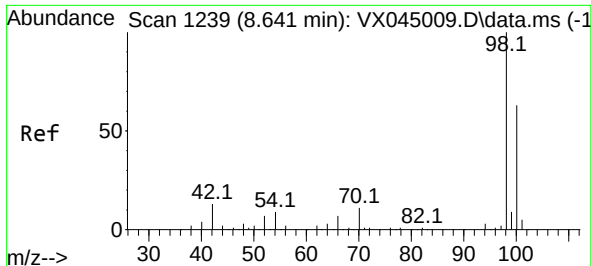
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#62
Toluene
Concen: 19.614 ug/l
RT: 8.713 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

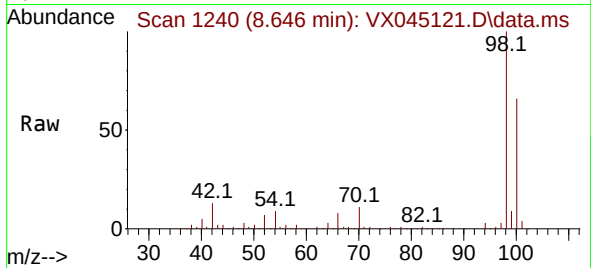
Tgt Ion: 91 Resp: 97931
Ion Ratio Lower Upper
91 100
92 57.7 46.9 70.3





#63
Toluene-d8
Concen: 30.340 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

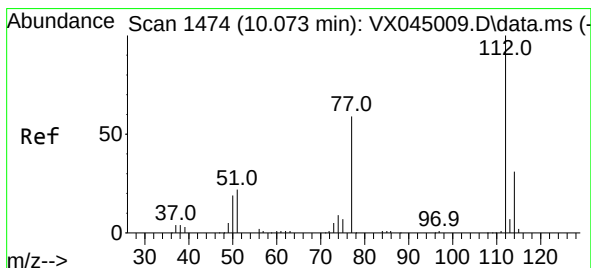
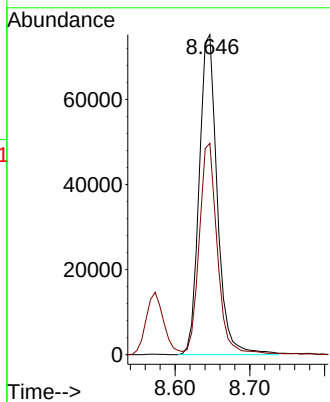
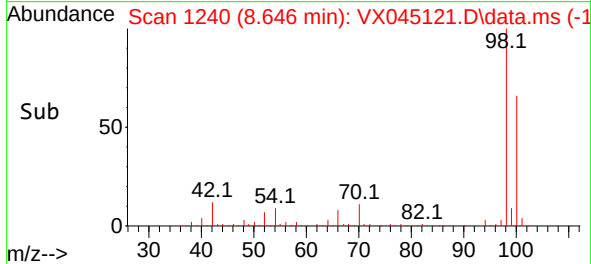
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01



Tgt Ion: 98 Resp: 126508
Ion Ratio Lower Upper
98 100
100 65.4 51.7 77.5

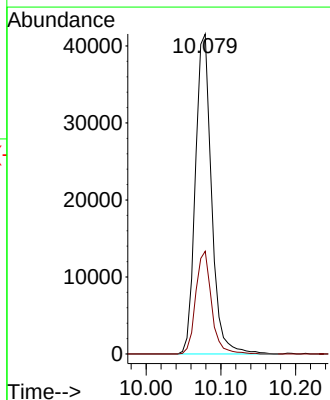
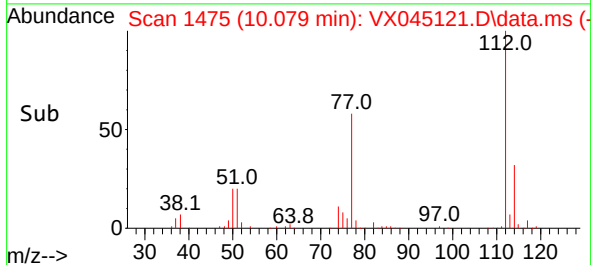
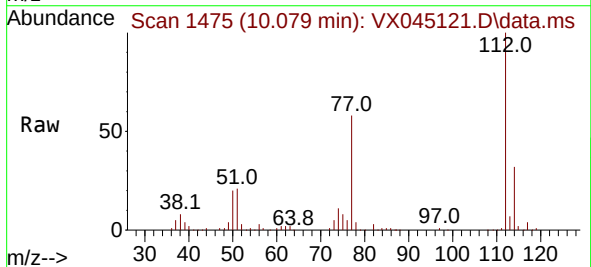
Manual Integrations
APPROVED

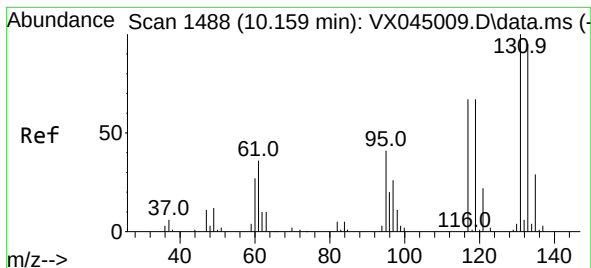
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#64
Chlorobenzene
Concen: 20.123 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

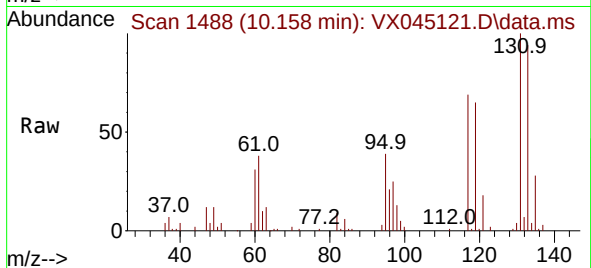
Tgt Ion:112 Resp: 62259
Ion Ratio Lower Upper
112 100
114 32.1 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 19.713 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

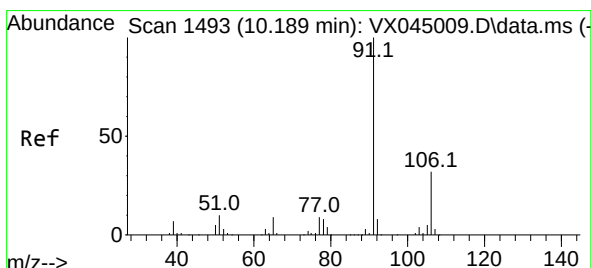
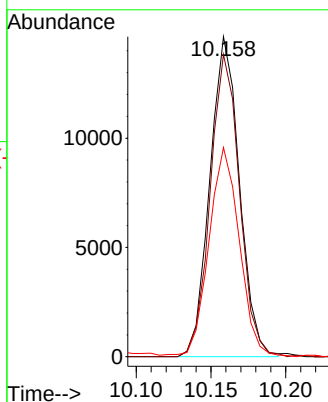
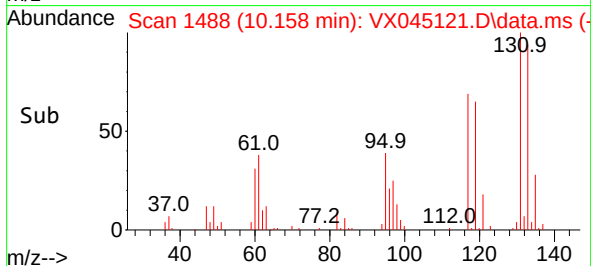
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01



Tgt Ion:131 Resp: 2012
Ion Ratio Lower Upper
131 100
133 93.4 0.0 187.8
119 66.9 0.0 133.0

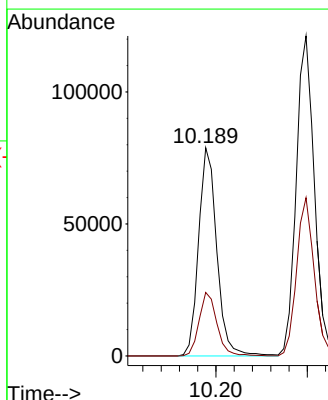
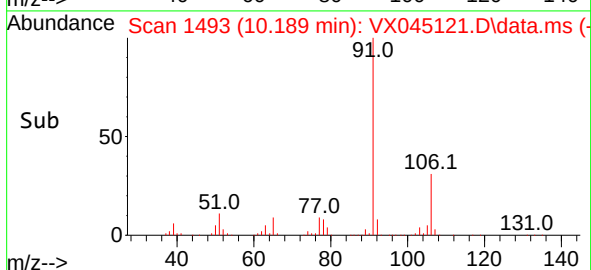
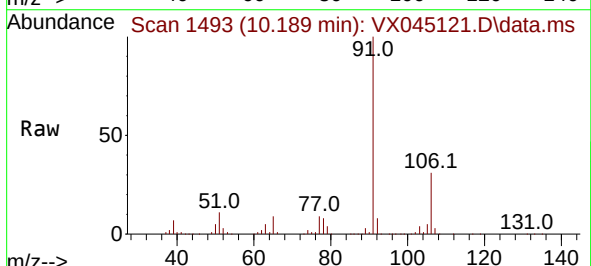
Manual Integrations
APPROVED

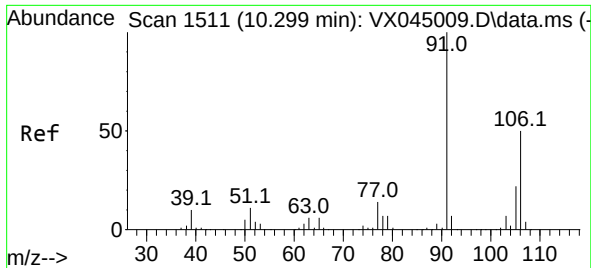
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#66
Ethyl Benzene
Concen: 19.977 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

Tgt Ion: 91 Resp: 109202
Ion Ratio Lower Upper
91 100
106 30.5 25.4 38.2





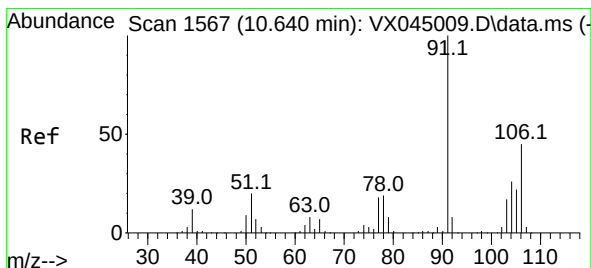
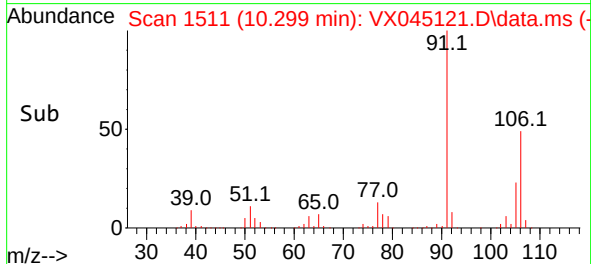
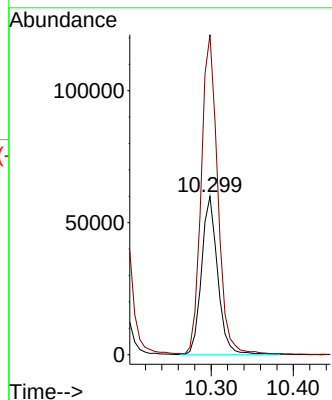
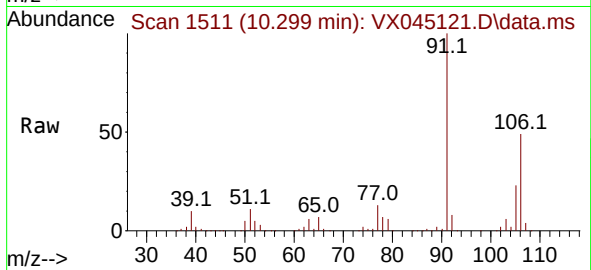
#67
m/p-Xylenes
Concen: 40.163 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01

Tgt Ion:106 Resp: 8179
Ion Ratio Lower Upper
106 100
91 207.3 163.7 245.5

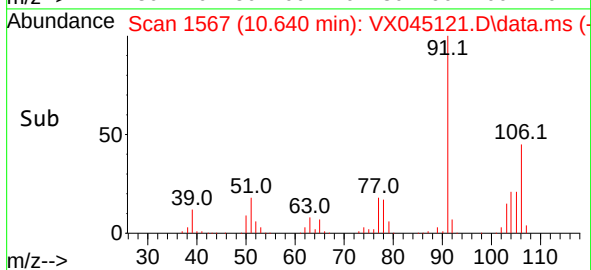
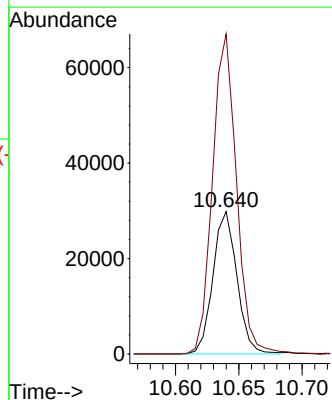
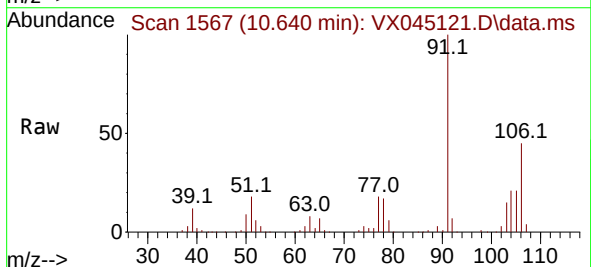
Manual Integrations
APPROVED

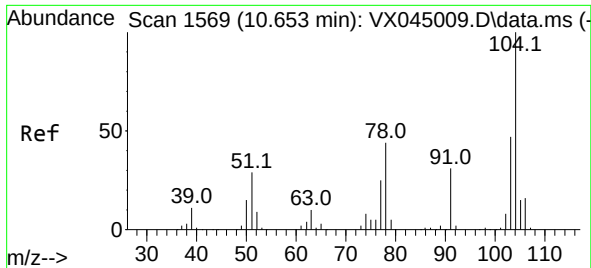
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#68
o-Xylene
Concen: 19.703 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

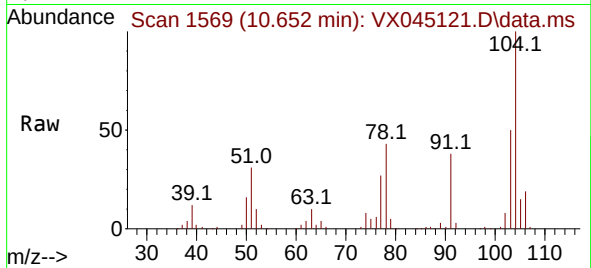
Tgt Ion:106 Resp: 39373
Ion Ratio Lower Upper
106 100
91 224.5 109.7 329.1





#69
Styrene
Concen: 19.565 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

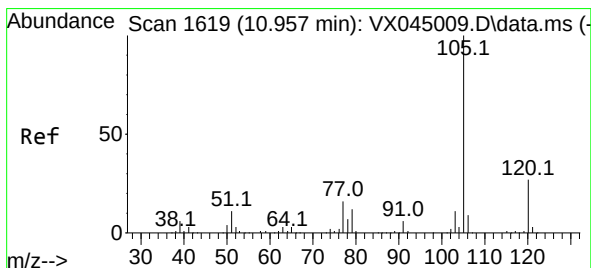
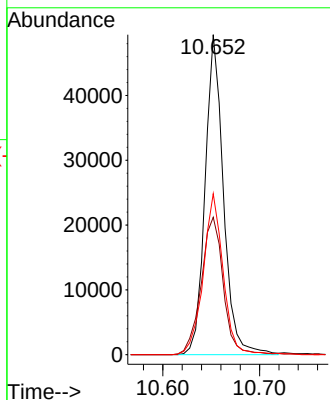
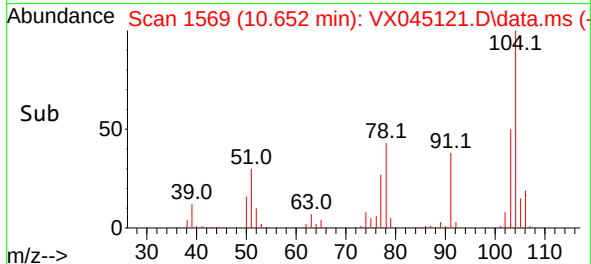
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01



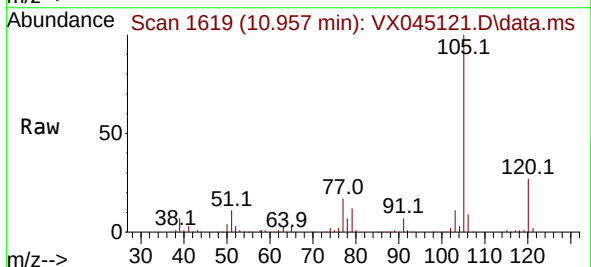
Tgt Ion:104 Resp: 65299
Ion Ratio Lower Upper
104 100
78 51.8 41.4 62.0
103 54.5 43.0 64.4

Manual Integrations
APPROVED

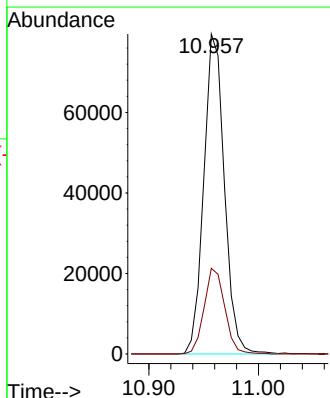
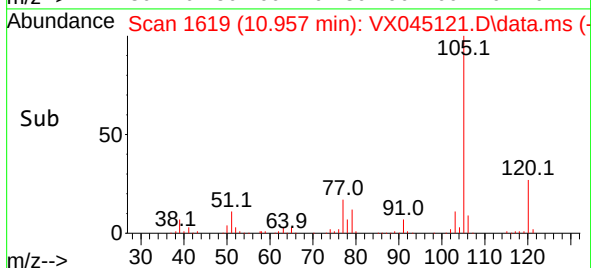
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025

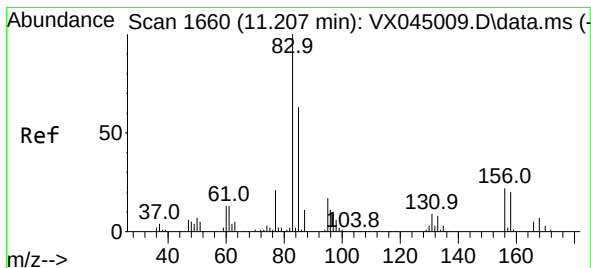


#70
Isopropylbenzene
Concen: 20.152 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41



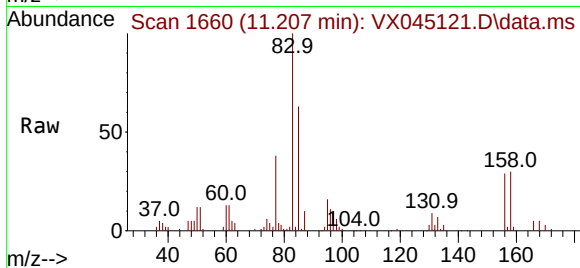
Tgt Ion:105 Resp: 103917
Ion Ratio Lower Upper
105 100
120 26.7 18.4 34.2





#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.690 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: VX045121.D
 Acq: 04 Mar 2025 09:41

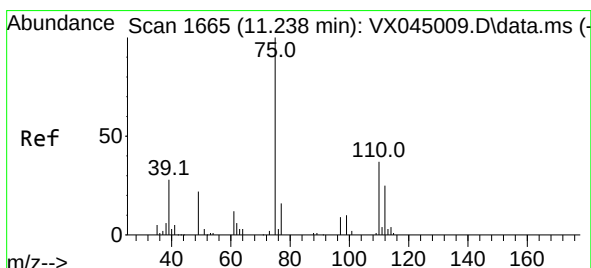
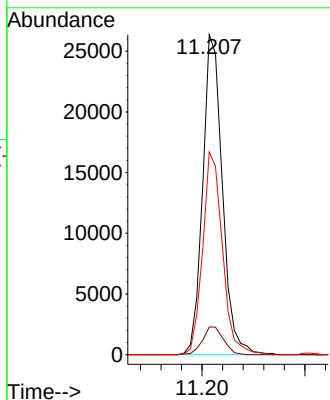
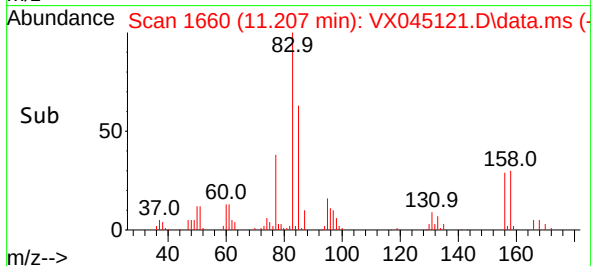
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBSD01



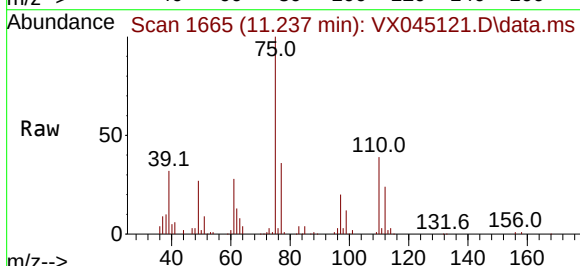
Tgt Ion: 83 Resp: 35084
 Ion Ratio Lower Upper
 83 100
 131 9.3 4.8 14.3
 85 63.5 32.3 96.8

Manual Integrations
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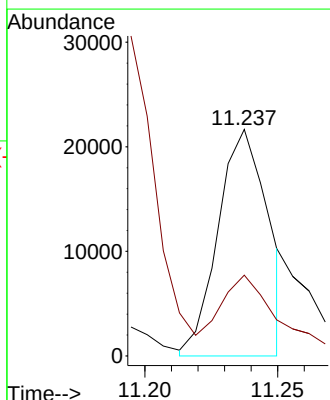
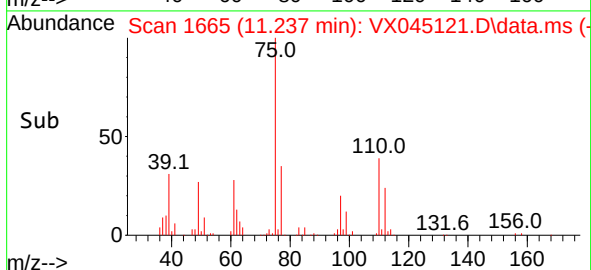
Reviewed By :John Carlone 03/05/2025
 Supervised By :Mahesh Dadoda 03/05/2025

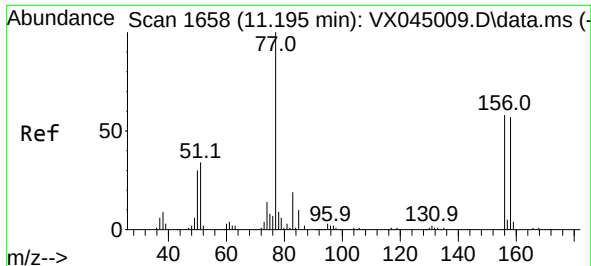


#72
 1,2,3-Trichloropropane
 Concen: 20.360 ug/l m
 RT: 11.237 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX045121.D
 Acq: 04 Mar 2025 09:41



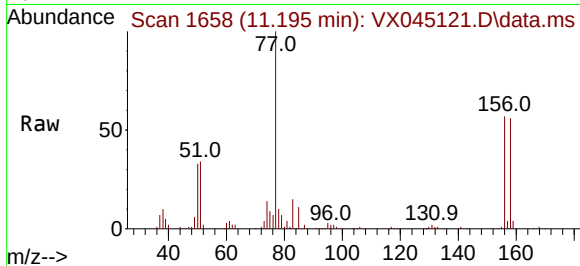
Tgt Ion: 75 Resp: 28396
 Ion Ratio Lower Upper
 75 100
 77 42.5 0.0 84.0





#73
Bromobenzene
Concen: 19.675 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

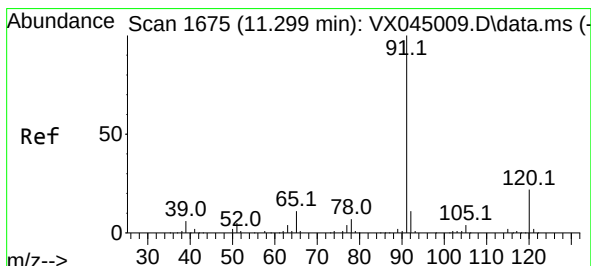
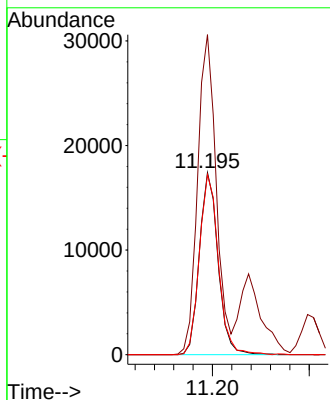
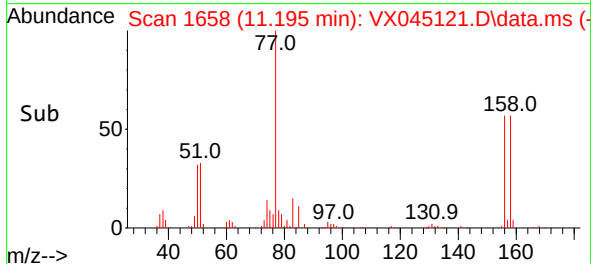
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01



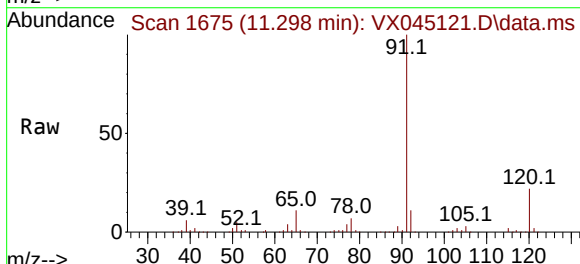
Tgt Ion:156 Resp: 2335
Ion Ratio Lower Upper
156 100
77 175.1 0.0 347.2
158 101.4 0.0 197.6

Manual Integrations
APPROVED

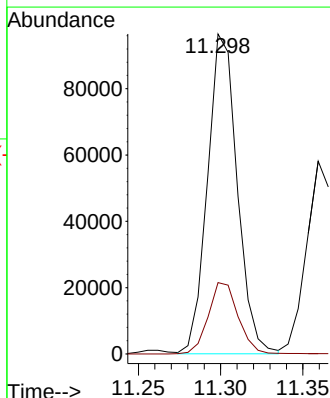
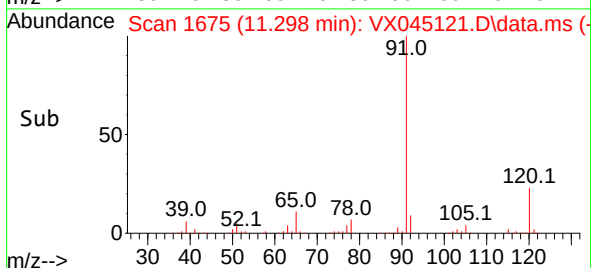
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025

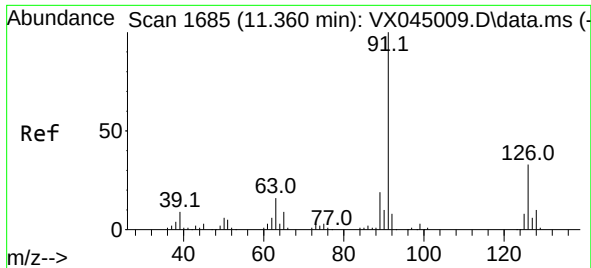


#74
n-propylbenzene
Concen: 19.791 ug/l
RT: 11.298 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41



Tgt Ion: 91 Resp: 121450
Ion Ratio Lower Upper
91 100
120 22.6 0.0 44.2





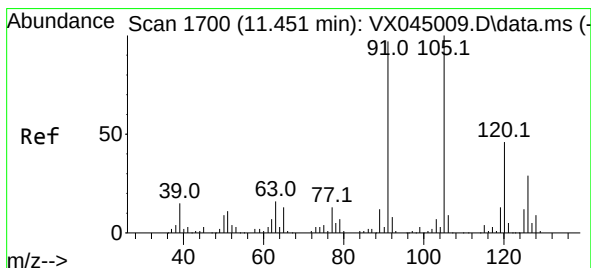
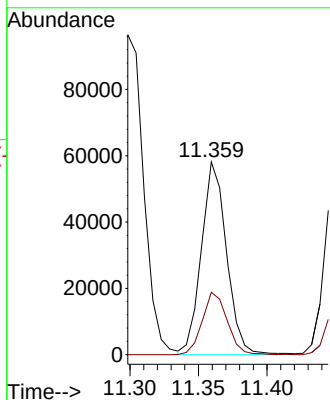
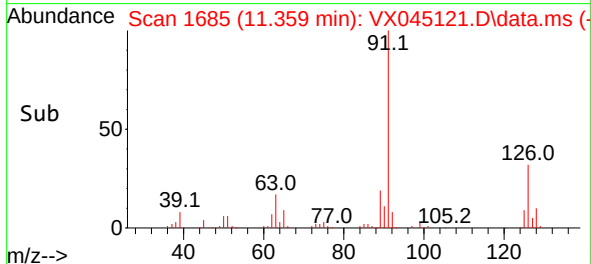
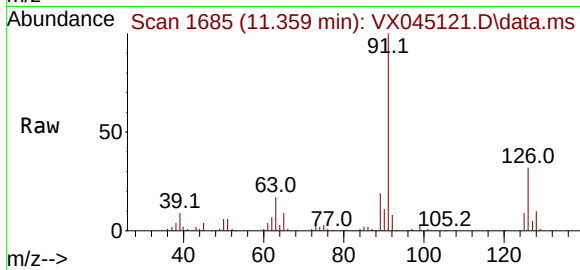
#75
2-Chlorotoluene
Concen: 20.038 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01

Tgt Ion: 91 Resp: 7434
Ion Ratio Lower Upper
91 100
126 32.1 0.0 65.4

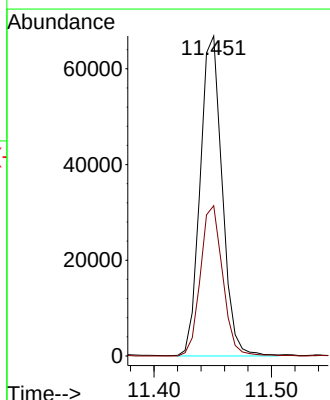
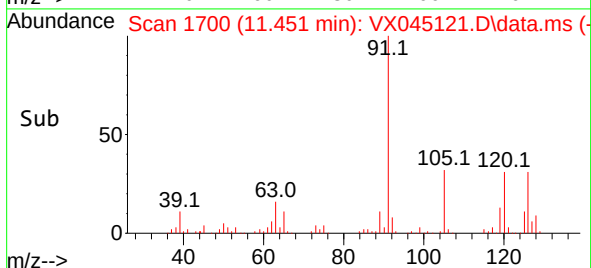
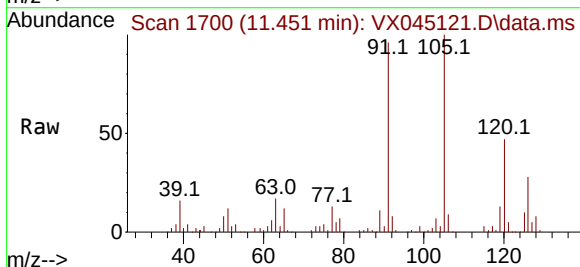
Manual Integrations
APPROVED

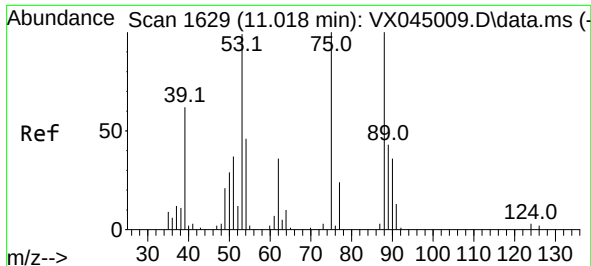
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#76
1,3,5-Trimethylbenzene
Concen: 20.427 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

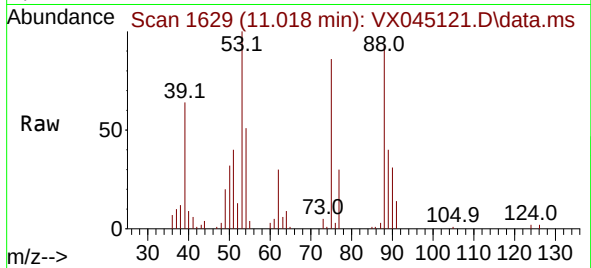
Tgt Ion:105 Resp: 86900
Ion Ratio Lower Upper
105 100
120 47.4 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 17.598 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

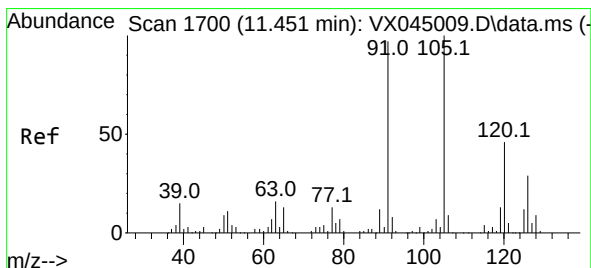
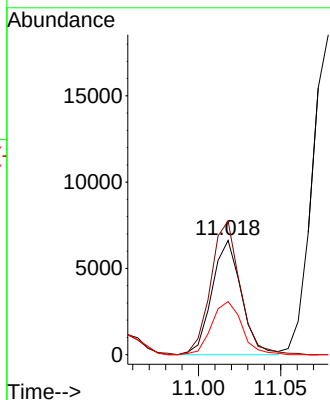
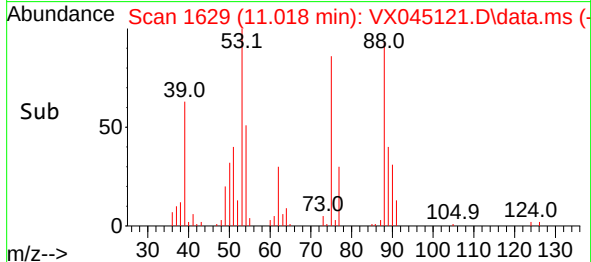
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01



Tgt Ion: 75 Resp: 8258
Ion Ratio Lower Upper
75 100
53 116.9 49.8 149.4
89 46.5 21.4 64.2

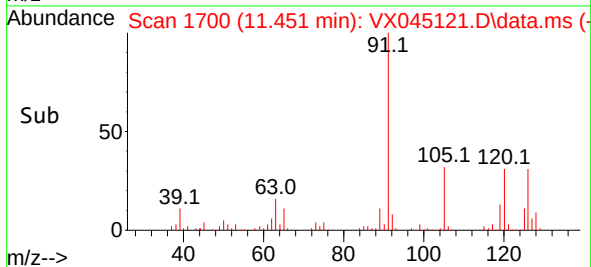
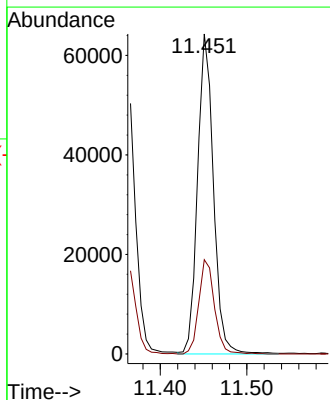
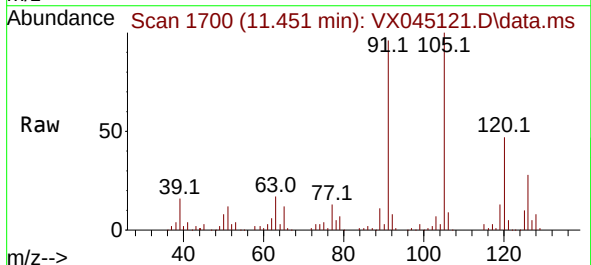
Manual Integrations
APPROVED

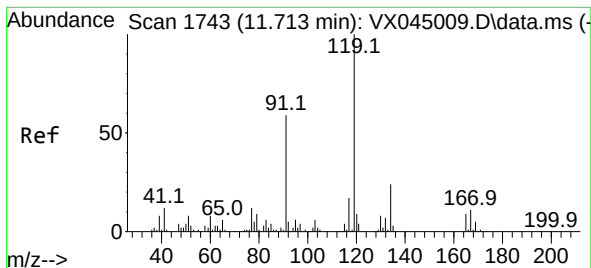
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#78
4-Chlorotoluene
Concen: 19.805 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

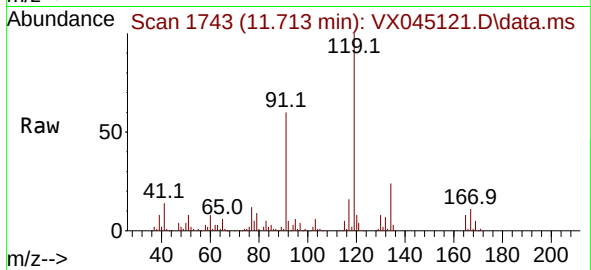
Tgt Ion: 91 Resp: 81904
Ion Ratio Lower Upper
91 100
126 29.1 0.0 58.0





#79
tert-butylbenzene
Concen: 19.903 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

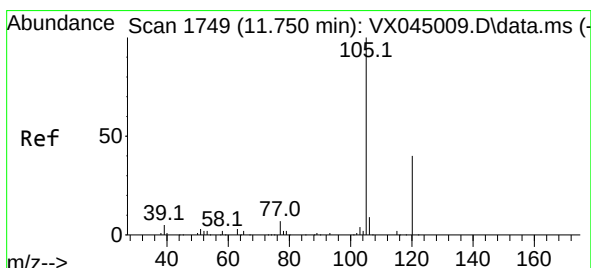
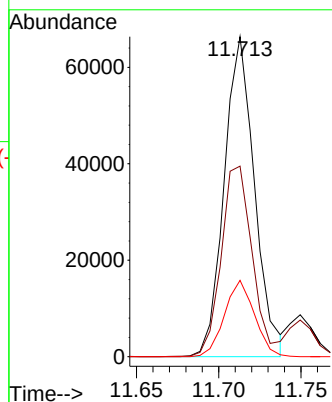
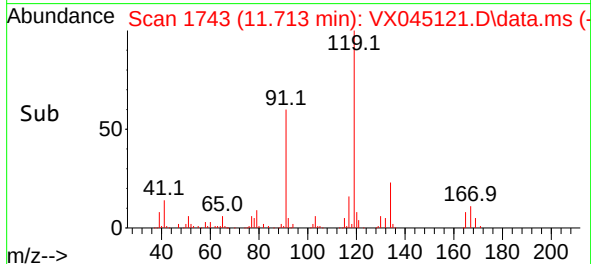
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01



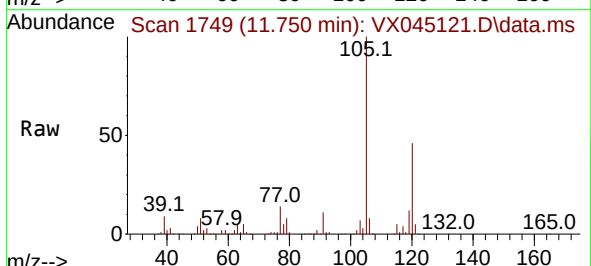
Tgt Ion:119 Resp: 85314
Ion Ratio Lower Upper
119 100
91 60.0 0.0 120.6
134 23.6 0.0 48.2

Manual Integrations
APPROVED

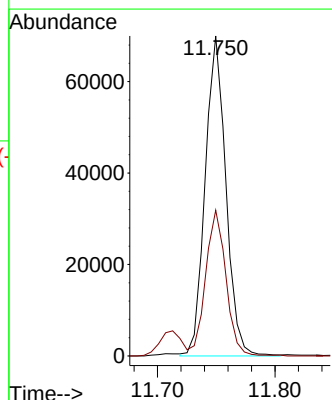
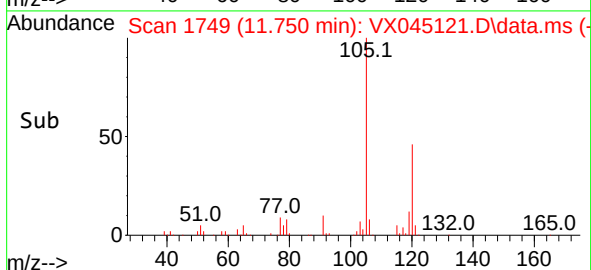
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025

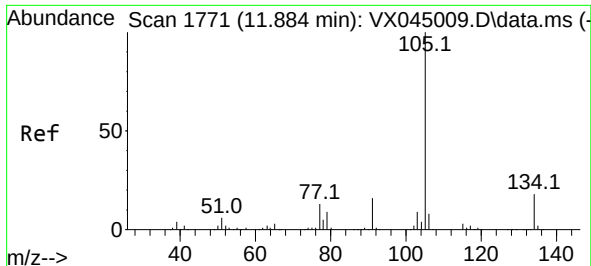


#80
1,2,4-Trimethylbenzene
Concen: 20.094 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41



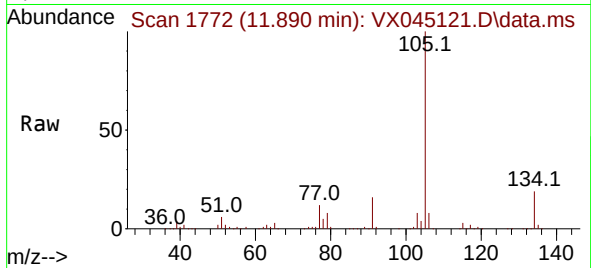
Tgt Ion:105 Resp: 85632
Ion Ratio Lower Upper
105 100
120 44.6 0.0 88.4





#81
 sec-Butylbenzene
 Concen: 20.116 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.006 min
 Lab File: VX045121.D
 Acq: 04 Mar 2025 09:41

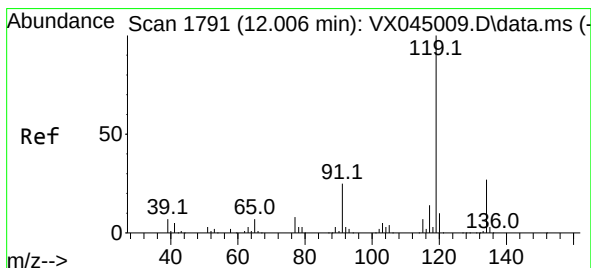
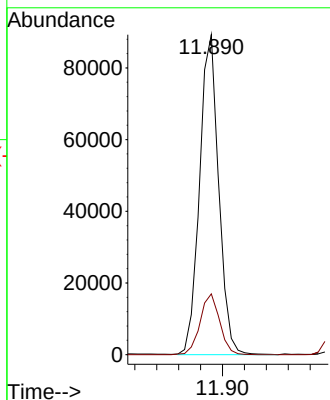
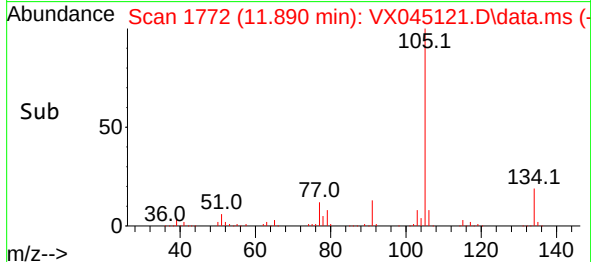
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBSD01



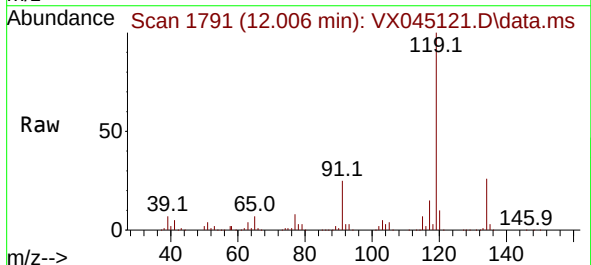
Tgt Ion:105 Resp: 108219
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 39.0

Manual Integrations
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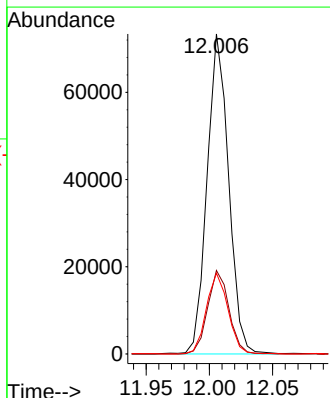
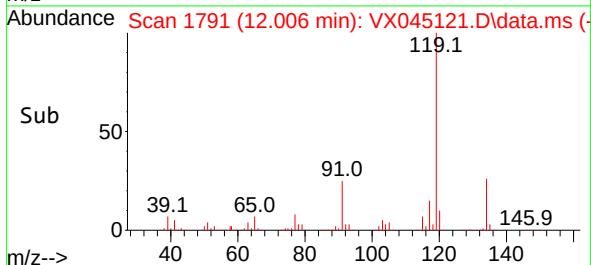
Reviewed By :John Carlone 03/05/2025
 Supervised By :Mahesh Dadoda 03/05/2025

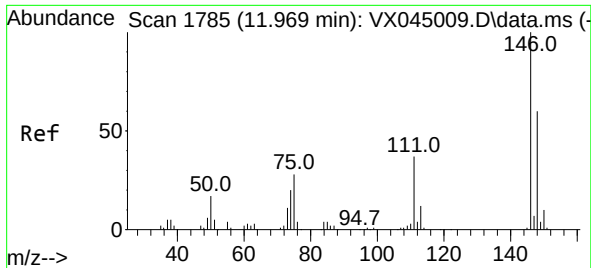


#82
 p-Isopropyltoluene
 Concen: 19.919 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045121.D
 Acq: 04 Mar 2025 09:41



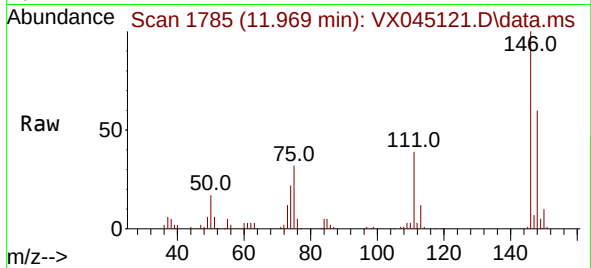
Tgt Ion:119 Resp: 86823
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.6
 91 25.3 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 19.977 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

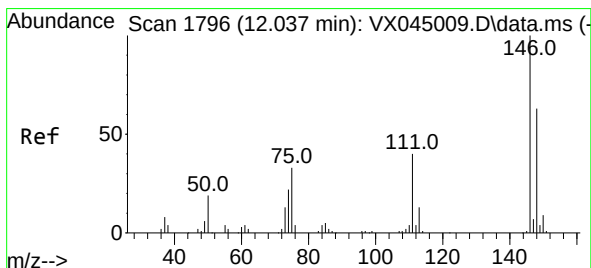
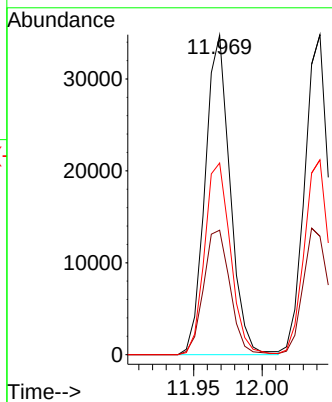
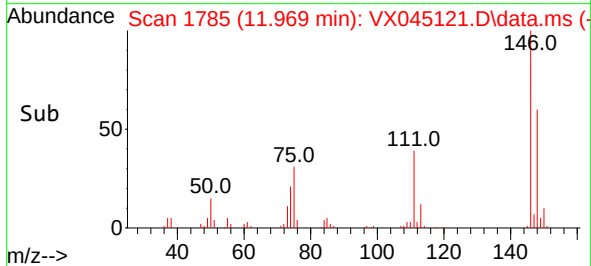
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01



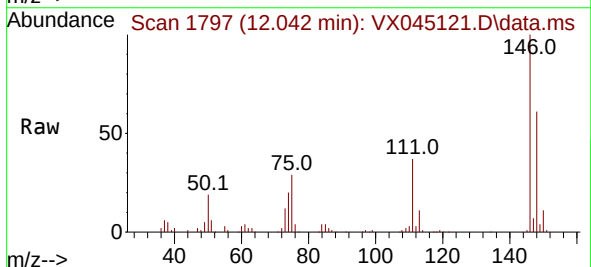
Tgt Ion:146 Resp: 44125
Ion Ratio Lower Upper
146 100
111 41.3 20.2 60.5
148 62.0 31.2 93.6

Manual Integrations
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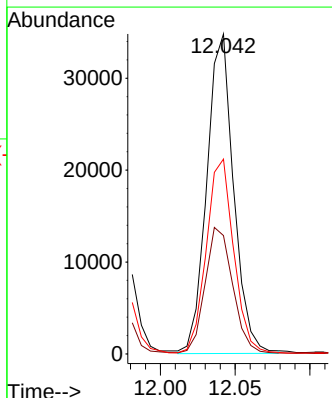
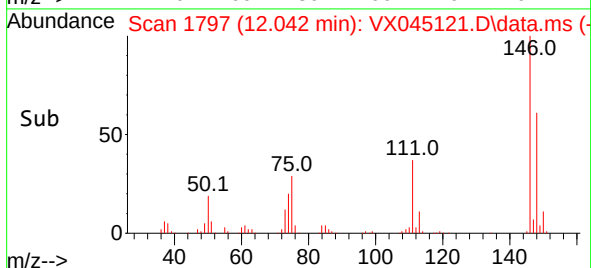
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025

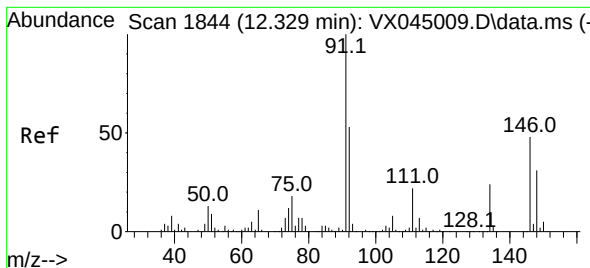


#84
1,4-Dichlorobenzene
Concen: 19.936 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41



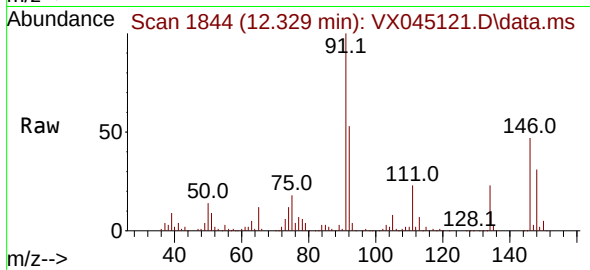
Tgt Ion:146 Resp: 43416
Ion Ratio Lower Upper
146 100
111 41.3 20.4 61.2
148 62.9 31.8 95.4





#85
n-Butylbenzene
Concen: 19.173 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

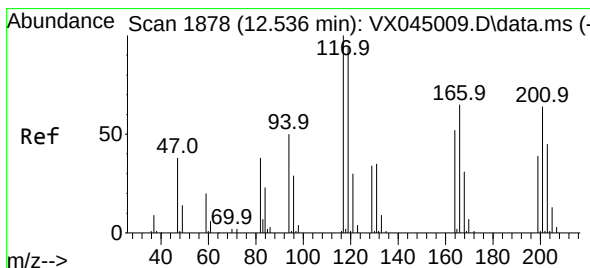
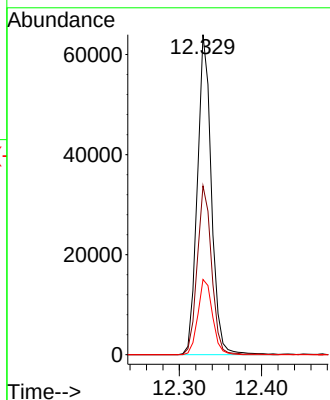
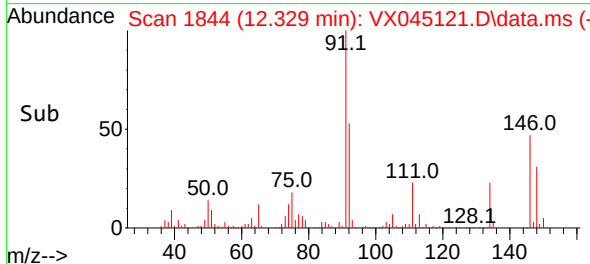
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01



Tgt Ion: 91 Resp: 76310
Ion Ratio Lower Upper
91 100
92 53.6 0.0 105.2
134 24.3 0.0 49.4

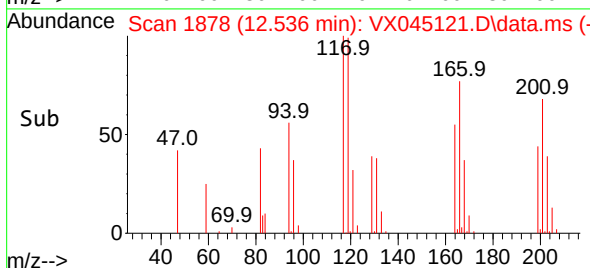
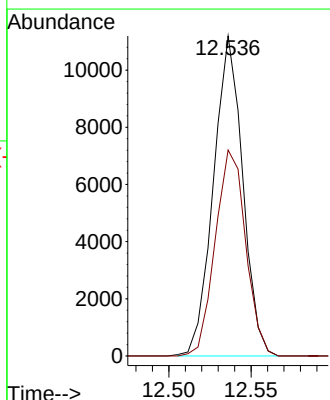
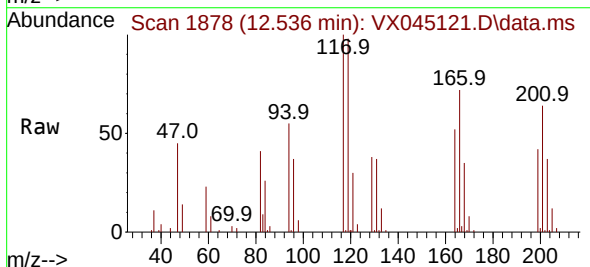
Manual Integrations
APPROVED

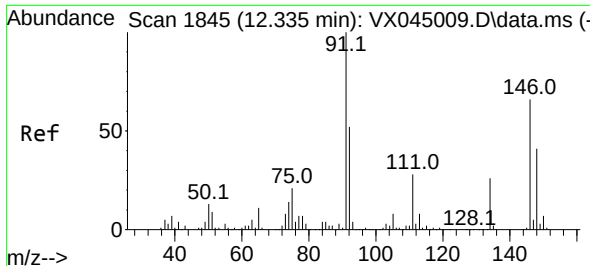
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#86
Hexachloroethane
Concen: 17.982 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

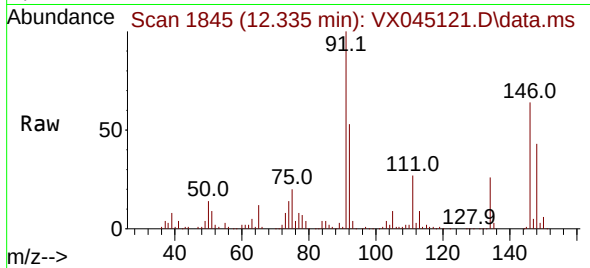
Tgt Ion:117 Resp: 13823
Ion Ratio Lower Upper
117 100
201 67.1 32.6 97.7





#87
 1,2-Dichlorobenzene
 Concen: 20.439 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VX045121.D
 Acq: 04 Mar 2025 09:41

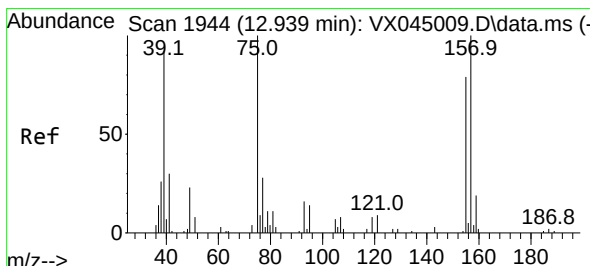
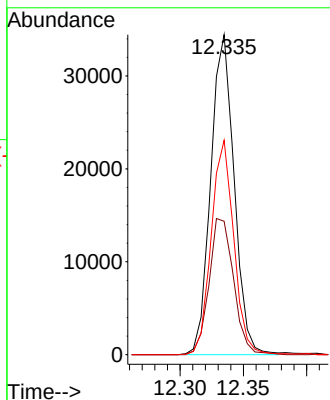
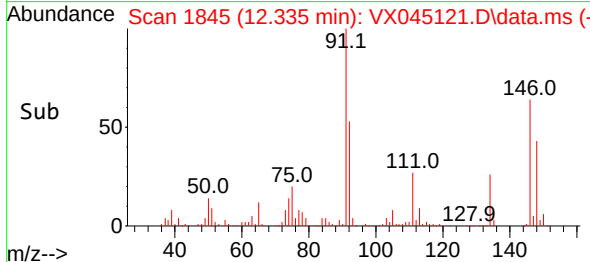
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBSD01



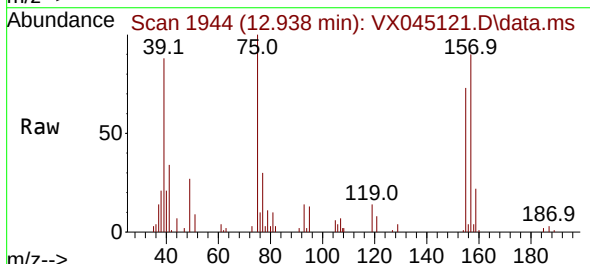
Tgt Ion:146 Resp: 4429
 Ion Ratio Lower Upper
 146 100
 111 44.5 21.7 65.1
 148 64.7 31.8 95.4

Manual Integrations
 APPROVED

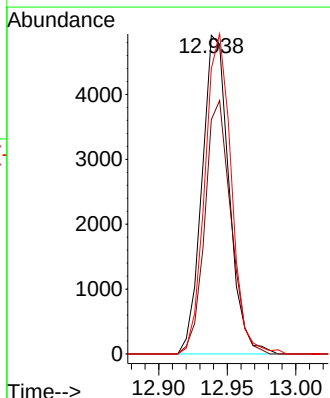
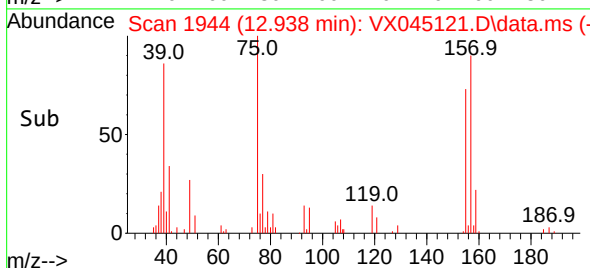
Reviewed By :John Carlone 03/05/2025
 Supervised By :Mahesh Dadoda 03/05/2025

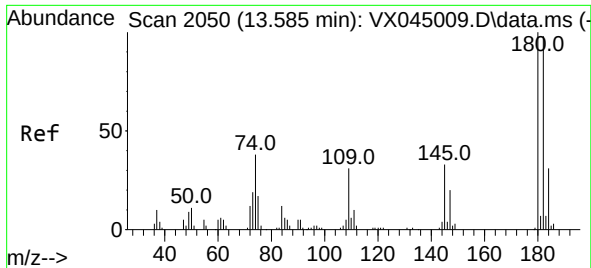


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.535 ug/l
 RT: 12.938 min Scan# 1944
 Delta R.T. -0.000 min
 Lab File: VX045121.D
 Acq: 04 Mar 2025 09:41



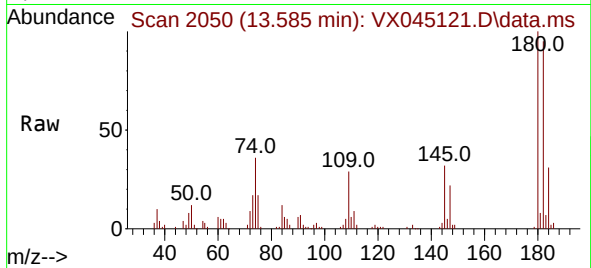
Tgt Ion: 75 Resp: 6742
 Ion Ratio Lower Upper
 75 100
 155 77.0 66.2 99.4
 157 98.0 81.4 122.2





#89
1,2,4-Trichlorobenzene
Concen: 19.927 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

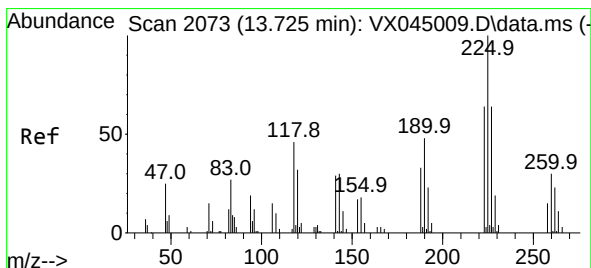
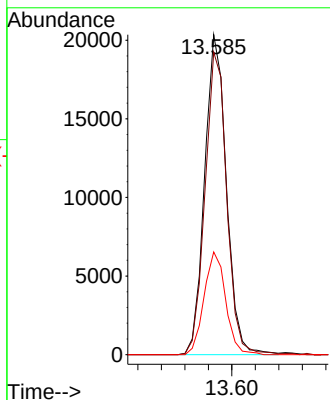
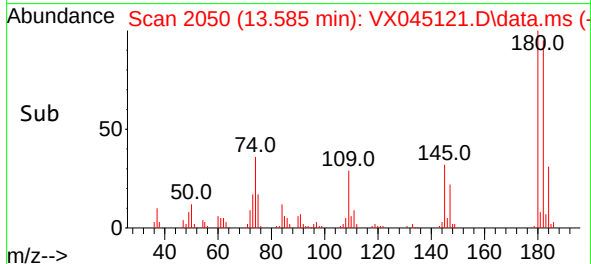
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01



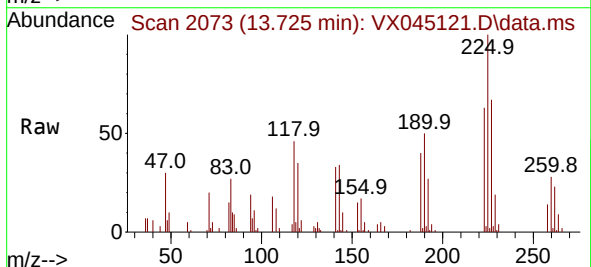
Tgt Ion:180 Resp: 26174
Ion Ratio Lower Upper
180 100
182 94.1 77.7 116.5
145 31.9 25.8 38.6

Manual Integrations
APPROVED

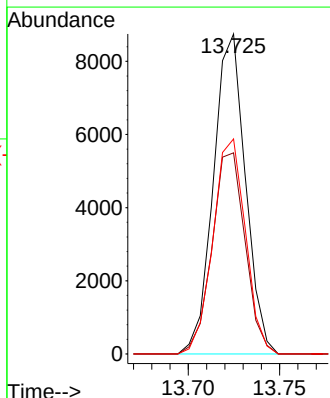
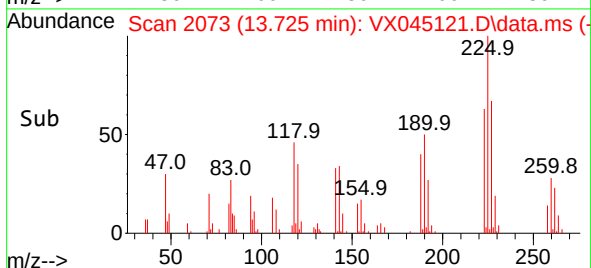
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025

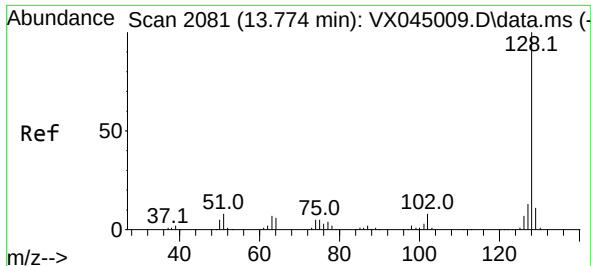


#90
Hexachlorobutadiene
Concen: 19.947 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41



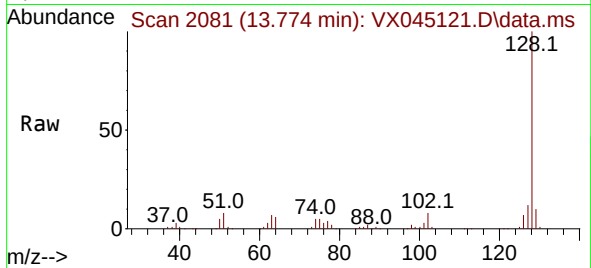
Tgt Ion:225 Resp: 10685
Ion Ratio Lower Upper
225 100
223 65.1 0.0 123.4
227 68.1 0.0 127.4





#91
Naphthalene
Concen: 20.180 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41

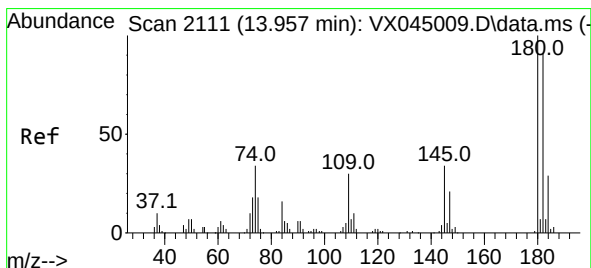
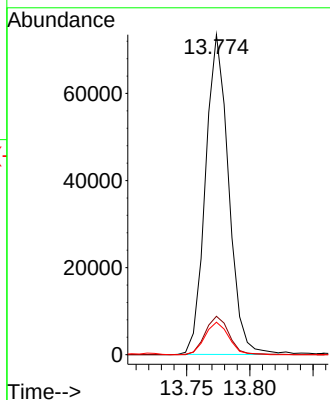
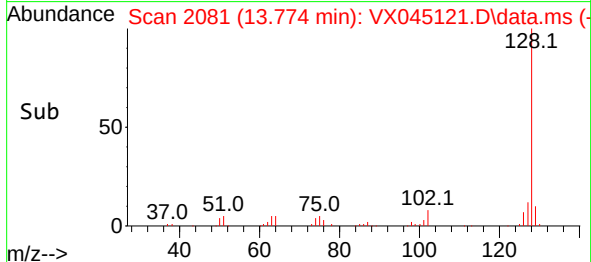
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01



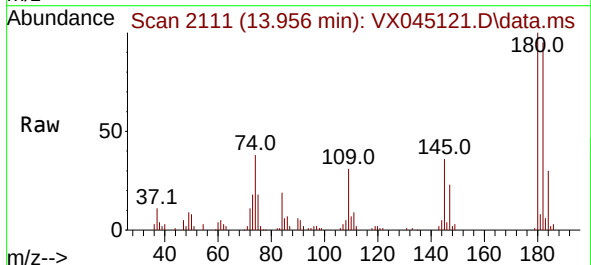
Tgt Ion:128 Resp: 93464
Ion Ratio Lower Upper
128 100
127 12.5 10.5 15.7
129 10.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#92
1,2,3-Trichlorobenzene
Concen: 19.515 ug/l
RT: 13.956 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045121.D
Acq: 04 Mar 2025 09:41



Tgt Ion:180 Resp: 26390
Ion Ratio Lower Upper
180 100
182 95.6 0.0 186.6
145 35.5 0.0 68.4

