

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022125\
 Data File : VX045016.D
 Acq On : 21 Feb 2025 14:03
 Operator : JC/MD
 Sample : VX0221WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/24/2025
 Supervised By : Mahesh Dadoda 02/24/2025

Quant Time: Feb 22 01:14:15 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	4.898	128	16341	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	6.757	114	88567	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	82796	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	46289	29.165	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	97.233%	
60) 4-Bromofluorobenzene	11.079	95	45602	29.467	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	98.233%	
63) Toluene-d8	8.641	98	134042	29.264	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	97.533%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	25019	18.162	ug/l	98
3) Chloromethane	1.295	50	31510	19.098	ug/l	97
4) Vinyl Chloride	1.374	62	29161	18.317	ug/l	95
5) Bromomethane	1.593	94	10629	19.180	ug/l	99
6) Chloroethane	1.673	64	16592	19.242	ug/l	92
7) Trichlorofluoromethane	1.880	101	40595	18.972	ug/l	99
8) Diethyl Ether	2.130	74	14986	18.510	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	23609	18.577	ug/l	98
10) 1,1-Dichloroethene	2.313	96	23508	18.938	ug/l	89
11) Methyl Iodide	2.447	142	25290	18.000	ug/l	96
12) Methyl Acetate	2.697	43	29572	20.515	ug/l	98
13) Acrolein	2.233	56	31635	109.488	ug/l	99
14) Acrylonitrile	3.056	53	70385	99.964	ug/l	100
15) Acetone	2.374	58	18895	97.848	ug/l	97
16) Carbon Disulfide	2.508	76	65042	18.472	ug/l	99
17) Allyl chloride	2.660	41	43472	18.724	ug/l	98
18) Methylene Chloride	2.782	84	26795	19.191	ug/l	94
19) trans-1,2-Dichloroethene	3.087	96	23857	18.996	ug/l	93
20) Diisopropyl ether	3.751	45	85729	19.215	ug/l	98
21) 1,1-Dichloroethane	3.605	63	45911	18.503	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	28099	18.671	ug/l	96
23) tert-Butyl Alcohol	2.959	59	26847	109.220	ug/l #	100
24) Methyl tert-Butyl Ether	3.105	73	77862	19.218	ug/l	99
25) Chloroform	5.080	83	45998	19.192	ug/l	94
26) Cyclohexane	5.465	56	42880	18.722	ug/l #	96
29) 1,1-Dichloropropene	5.690	75	31076	19.074	ug/l	99
30) 2-Butanone	4.550	43	97089	103.174	ug/l	99
31) 2,2-Dichloropropane	4.465	77	35100	19.053	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	38377	19.441	ug/l	99
33) Carbon Tetrachloride	5.672	117	31766	19.068	ug/l	98
34) Benzene	6.032	78	101719	19.909	ug/l	99
35) Methacrylonitrile	4.910	41	20212	20.072	ug/l	94
36) 1,2-Dichloroethane	6.074	62	34260	19.586	ug/l	98
37) Trichloroethene	7.123	130	22927	19.181	ug/l	99
38) Methylcyclohexane	7.373	83	42508	19.432	ug/l	97
39) 1,2-Dichloropropane	7.422	63	24286	19.120	ug/l	96
40) Dibromomethane	7.580	93	18105	19.863	ug/l	98
41) Bromodichloromethane	7.818	83	34847	19.235	ug/l	99
42) Vinyl Acetate	3.715	43	359203	98.367	ug/l	99

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 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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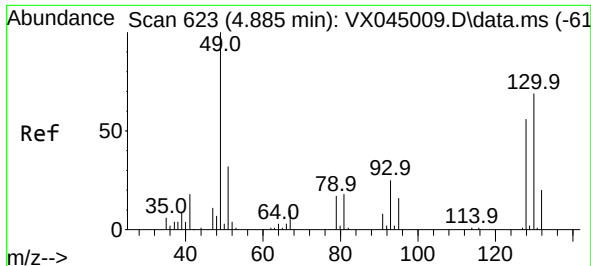
Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/24/2025
 Supervised By : Mahesh Dadoda 02/24/2025

Quant Time: Feb 22 01:14:15 2025
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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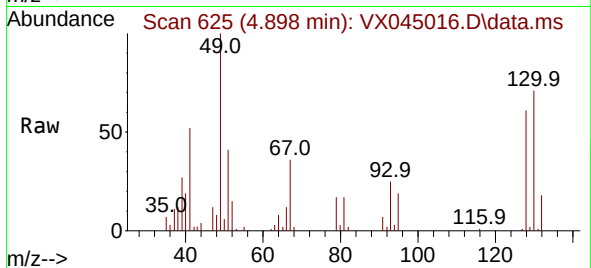
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.709	43	35887	20.336	ug/l	100
44) Isopropyl Acetate	6.330	43	58095	20.002	ug/l	99
45) 1,4-Dioxane	7.659	88	13458	445.723	ug/l	99
46) Methyl methacrylate	7.690	41	29387	20.634	ug/l	96
47) n-amyl Acetate	10.842	43	52663	20.895	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	32866	18.822	ug/l	96
49) cis-1,3-Dichloropropene	8.360	75	37552	18.997	ug/l	99
50) 1,1,2-Trichloroethane	9.147	97	24353	20.483	ug/l	99
51) Ethyl methacrylate	9.116	69	36103	19.308	ug/l	98
52) 1,3-Dichloropropane	9.305	76	42557	20.428	ug/l	99
53) Dibromochloromethane	9.519	129	25506	19.397	ug/l	96
54) 1,2-Dibromoethane	9.604	107	24081	19.946	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	90828	94.590	ug/l	99
56) Bromoform	10.799	173	15778	19.148	ug/l	97
58) 4-Methyl-2-Pentanone	8.568	43	194714	103.382	ug/l	99
59) 2-Hexanone	9.427	43	144228	105.944	ug/l	99
61) Tetrachloroethene	9.269	164	19863	19.482	ug/l	98
62) Toluene	8.714	91	103985	18.959	ug/l	100
64) Chlorobenzene	10.073	112	66553	19.582	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	21017	18.741	ug/l	97
66) Ethyl Benzene	10.189	91	115902	19.302	ug/l	98
67) m/p-Xylenes	10.299	106	87336	39.037	ug/l	100
68) o-Xylene	10.640	106	43478	19.807	ug/l	98
69) Styrene	10.653	104	71596	19.529	ug/l	99
70) Isopropylbenzene	10.957	105	110300	19.471	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.207	83	38669	20.759	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	31090m	20.292	ug/l	
73) Bromobenzene	11.195	156	25653	19.672	ug/l	98
74) n-propylbenzene	11.299	91	129578	19.222	ug/l	99
75) 2-Chlorotoluene	11.360	91	78785	19.332	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	91583	19.597	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	8444	16.381	ug/l	91
78) 4-Chlorotoluene	11.451	91	88096	19.392	ug/l	98
79) tert-butylbenzene	11.713	119	93304	19.815	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	92294	19.716	ug/l	99
81) sec-Butylbenzene	11.890	105	114160	19.318	ug/l	99
82) p-Isopropyltoluene	12.006	119	92897	19.401	ug/l	98
83) 1,3-Dichlorobenzene	11.963	146	46608	19.209	ug/l	97
84) 1,4-Dichlorobenzene	12.037	146	47546	19.874	ug/l	98
85) n-Butylbenzene	12.329	91	81637	18.671	ug/l	99
86) Hexachloroethane	12.536	117	15078	17.855	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	48758	20.481	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	7098	19.681	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	27591	19.122	ug/l	97
90) Hexachlorobutadiene	13.719	225	11485	19.518	ug/l	99
91) Naphthalene	13.774	128	99423	19.542	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	28318	19.063	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.013 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

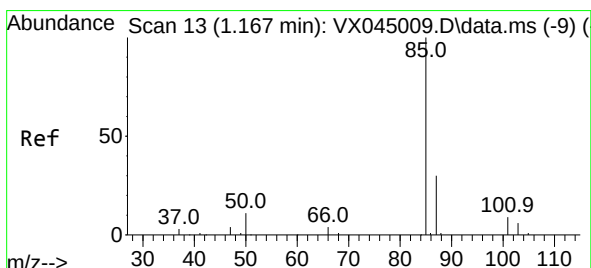
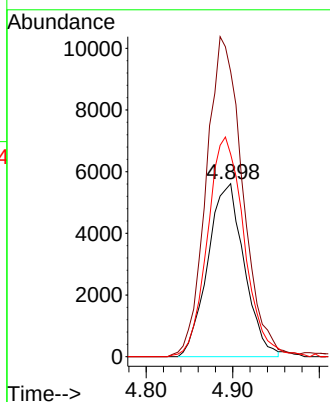
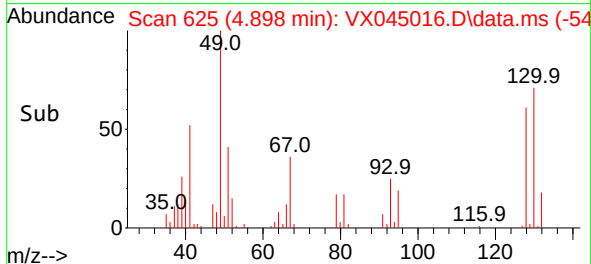
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01



Tgt Ion:128 Resp: 1634
Ion Ratio Lower Upper
128 100
49 185.3 0.0 449.7
130 128.9 0.0 312.7

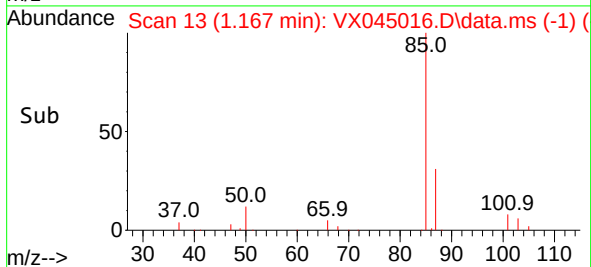
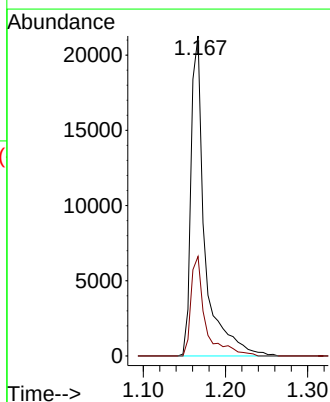
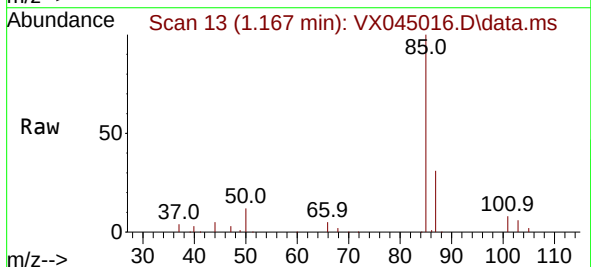
Manual Integrations
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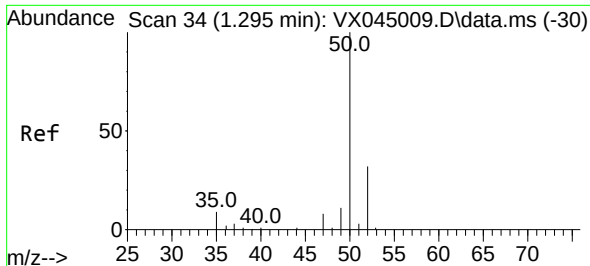
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#2
Dichlorodifluoromethane
Concen: 18.162 ug/l
RT: 1.167 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

Tgt Ion: 85 Resp: 25019
Ion Ratio Lower Upper
85 100
87 31.1 15.1 45.3





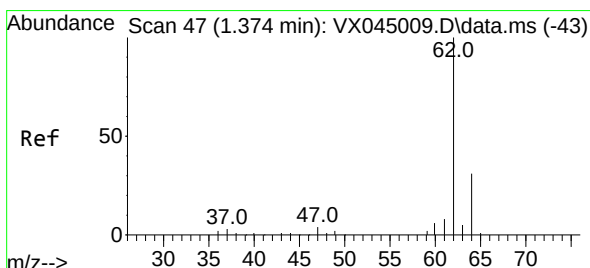
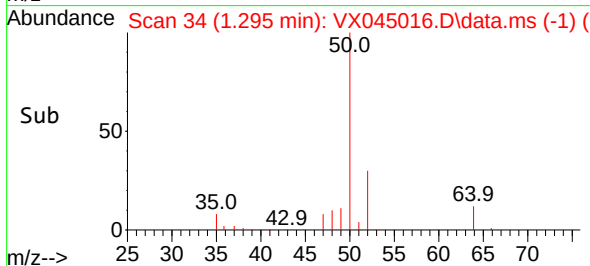
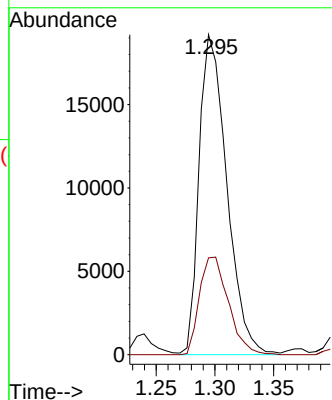
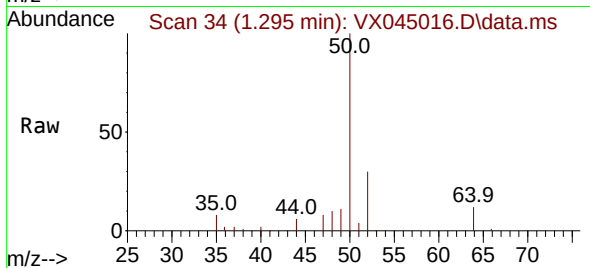
#3
Chloromethane
Concen: 19.098 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

Tgt Ion: 50 Resp: 31510
Ion Ratio Lower Upper
50 100
52 30.4 25.7 38.5

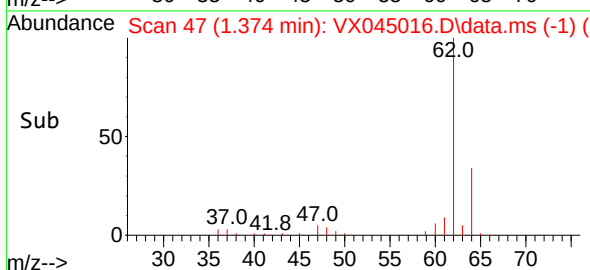
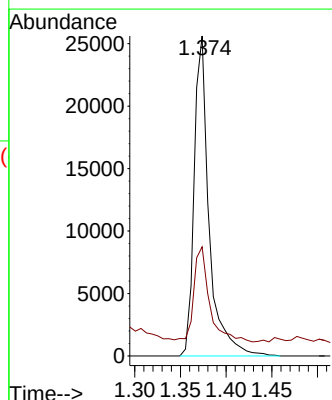
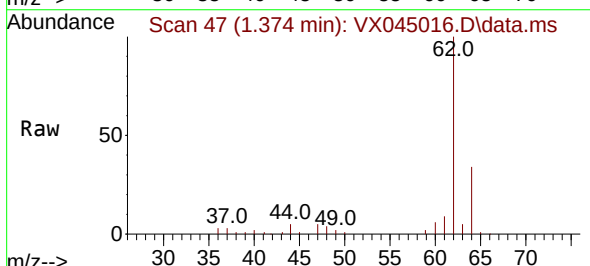
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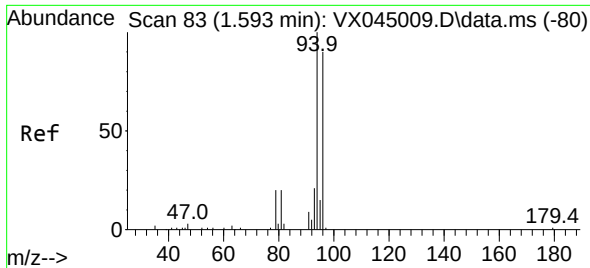
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#4
Vinyl Chloride
Concen: 18.317 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

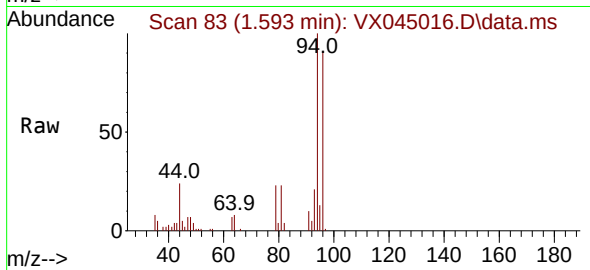
Tgt Ion: 62 Resp: 29161
Ion Ratio Lower Upper
62 100
64 28.9 25.1 37.7





#5
Bromomethane
Concen: 19.180 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

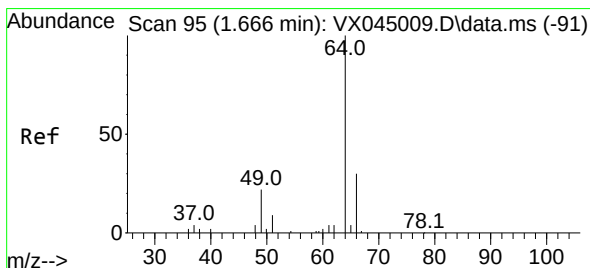
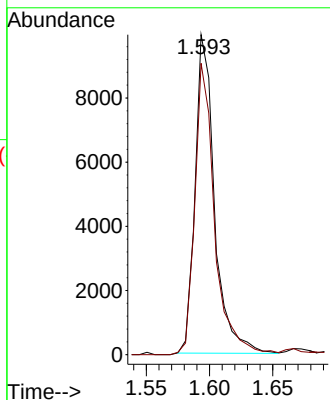
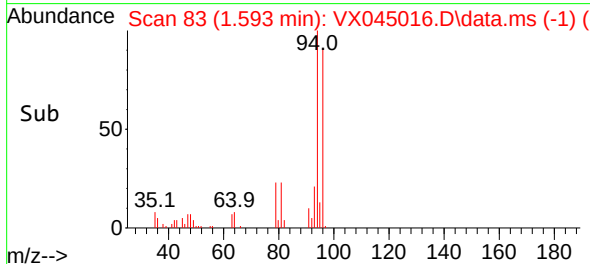
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01



Tgt Ion: 94 Resp: 10629
Ion Ratio Lower Upper
94 100
96 90.8 72.2 108.4

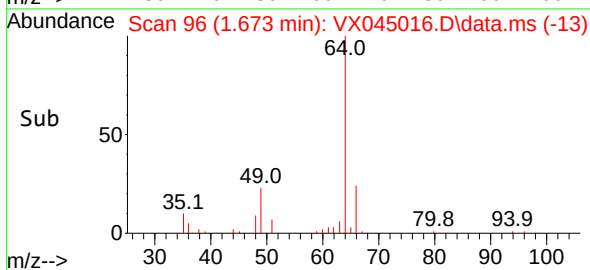
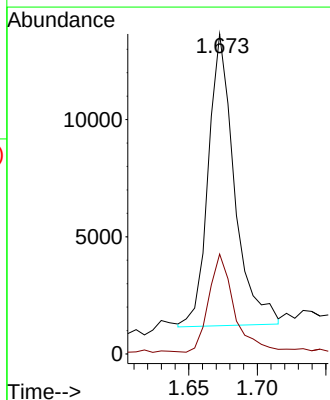
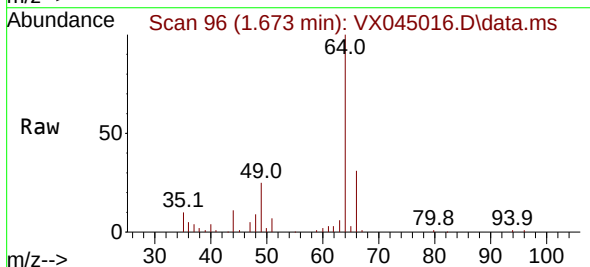
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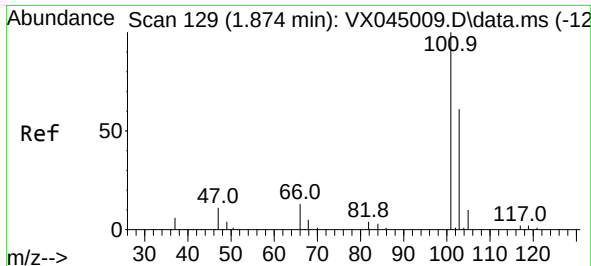
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#6
Chloroethane
Concen: 19.242 ug/l
RT: 1.673 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

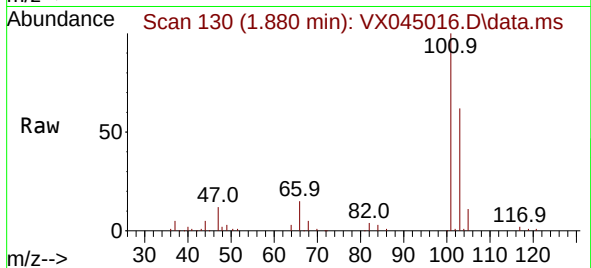
Tgt Ion: 64 Resp: 16592
Ion Ratio Lower Upper
64 100
66 33.7 23.7 35.5





#7
 Trichlorofluoromethane
 Concen: 18.972 ug/l
 RT: 1.880 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX045016.D
 Acq: 21 Feb 2025 14:03

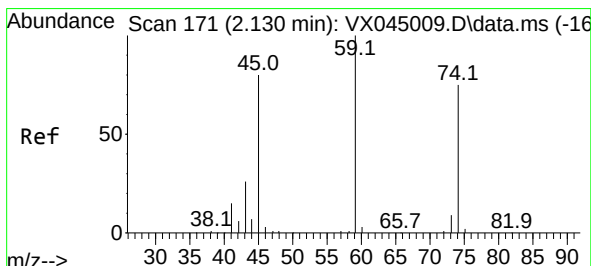
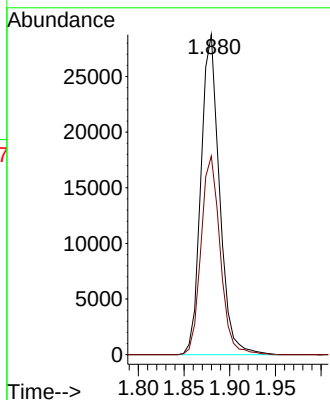
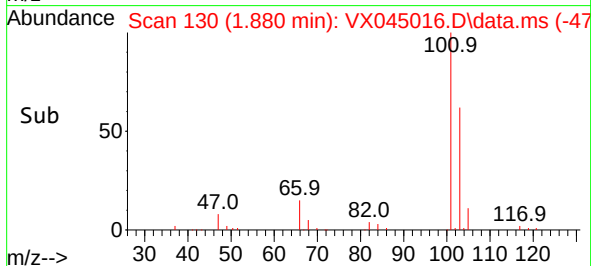
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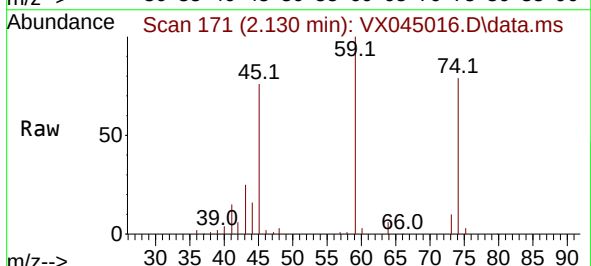
Tgt Ion:101 Resp: 4059
 Ion Ratio Lower Upper
 101 100
 103 62.1 48.8 73.2

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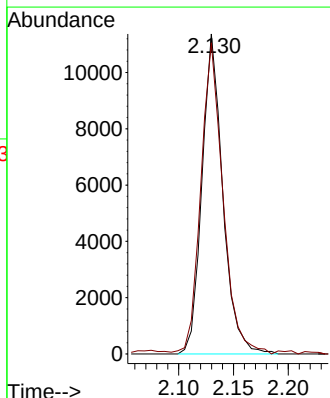
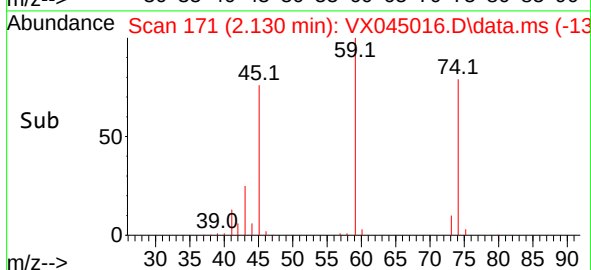
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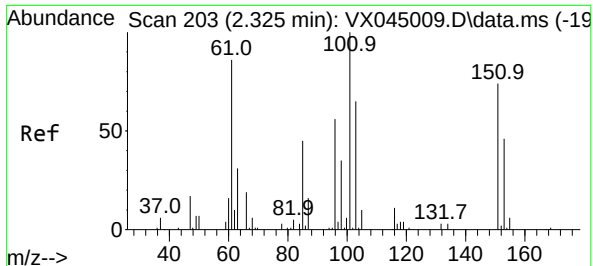


#8
 Diethyl Ether
 Concen: 18.510 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX045016.D
 Acq: 21 Feb 2025 14:03



Tgt Ion: 74 Resp: 14986
 Ion Ratio Lower Upper
 74 100
 45 103.5 20.8 186.8





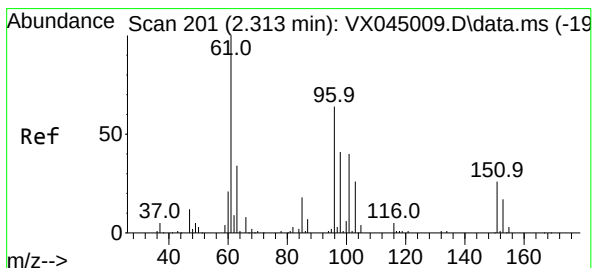
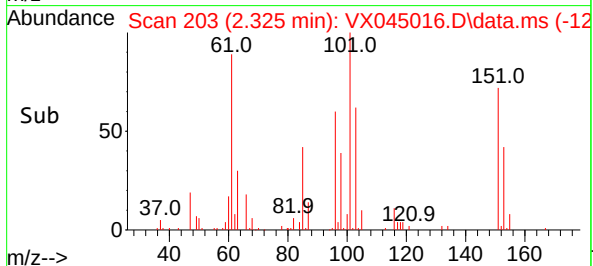
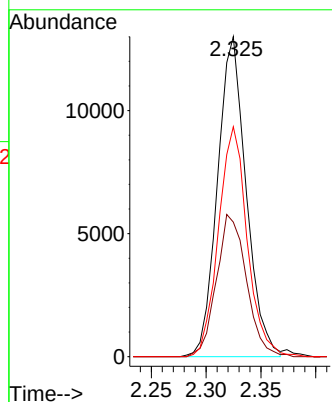
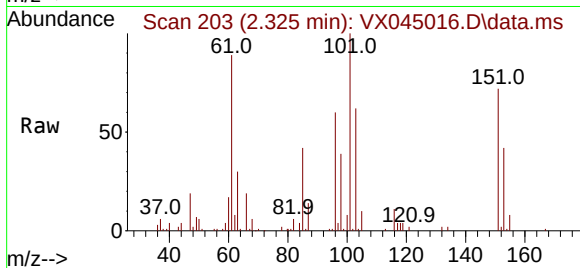
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.577 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. -0.000 min
 Lab File: VX045016.D
 Acq: 21 Feb 2025 14:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBSD01

Tgt Ion:101 Resp: 23609
 Ion Ratio Lower Upper
 101 100
 85 46.5 0.0 90.6
 151 72.3 0.0 147.6

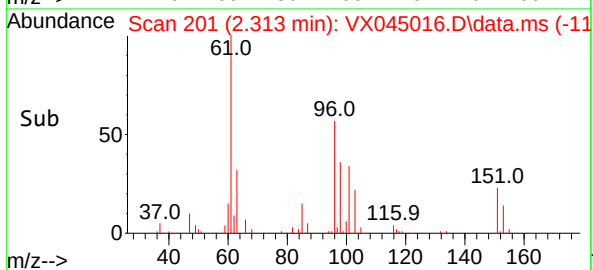
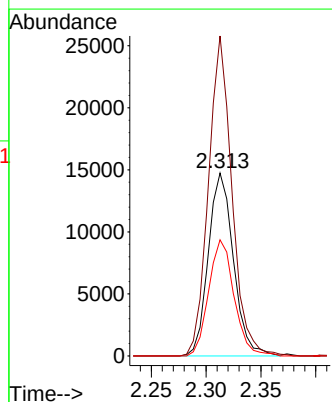
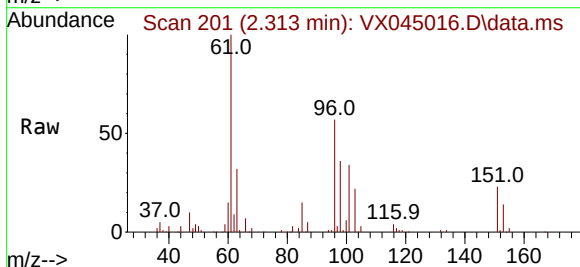
Manual Integrations
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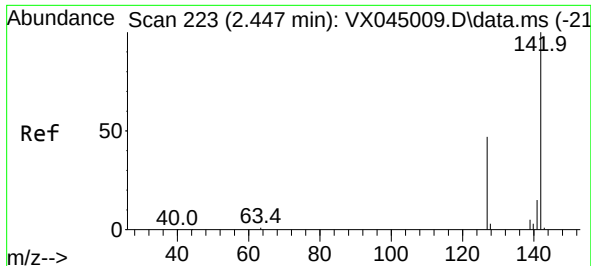
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025



#10
 1,1-Dichloroethene
 Concen: 18.938 ug/l
 RT: 2.313 min Scan# 201
 Delta R.T. -0.000 min
 Lab File: VX045016.D
 Acq: 21 Feb 2025 14:03

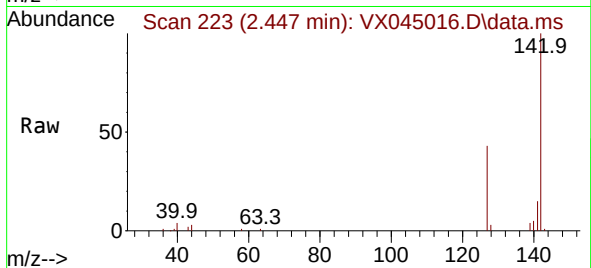
Tgt Ion: 96 Resp: 23508
 Ion Ratio Lower Upper
 96 100
 61 175.0 124.2 186.2
 98 63.5 51.1 76.7





#11
Methyl Iodide
Concen: 18.000 ug/l
RT: 2.447 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

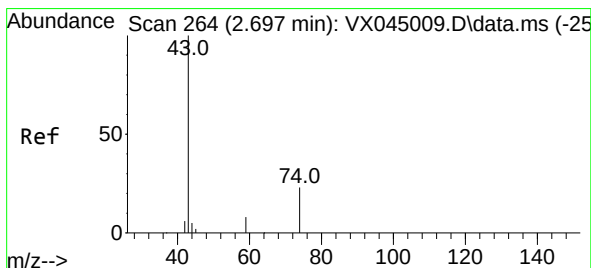
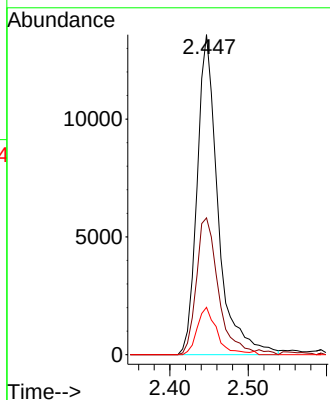
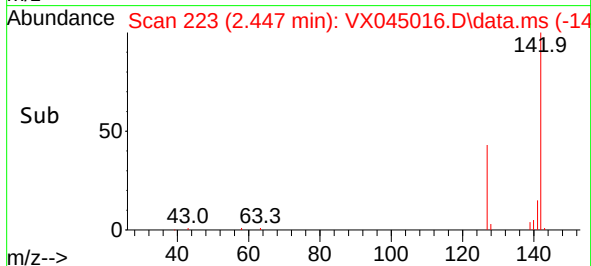
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01



Tgt Ion:142 Resp: 25290
Ion Ratio Lower Upper
142 100
127 43.0 23.3 69.9
141 14.9 7.5 22.6

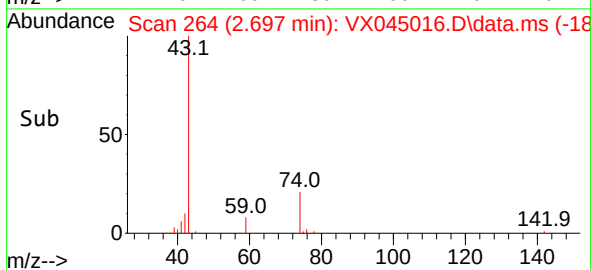
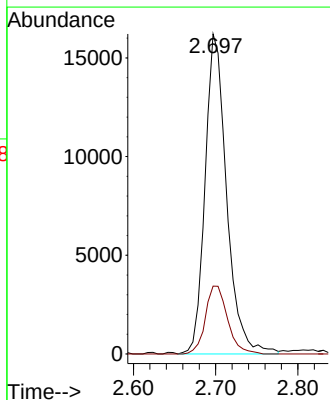
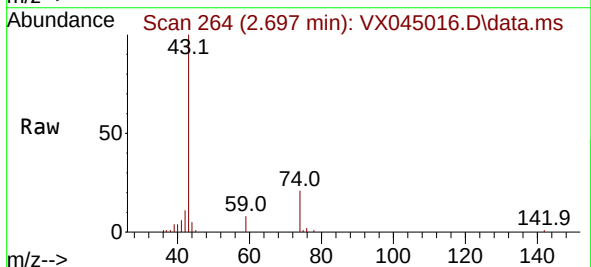
Manual Integrations
APPROVED

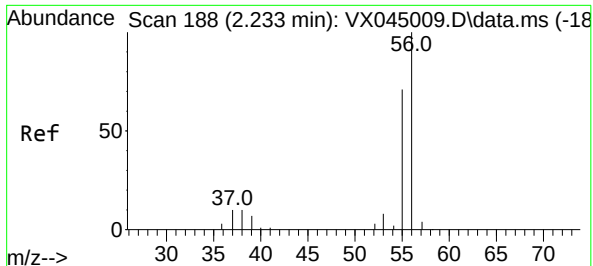
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#12
Methyl Acetate
Concen: 20.515 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

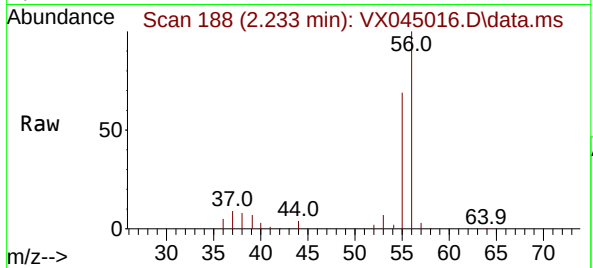
Tgt Ion: 43 Resp: 29572
Ion Ratio Lower Upper
43 100
74 21.3 17.9 26.9





#13
Acrolein
Concen: 109.488 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

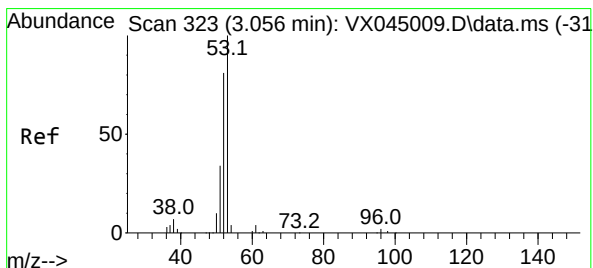
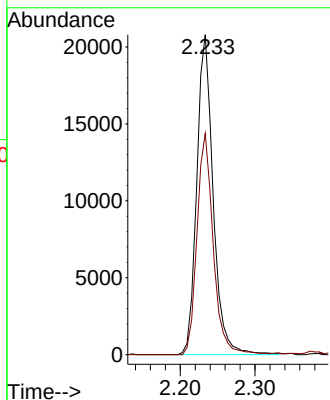
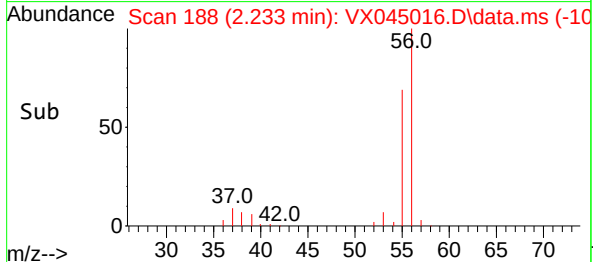
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01



Tgt Ion: 56 Resp: 31635
Ion Ratio Lower Upper
56 100
55 68.7 55.4 83.2

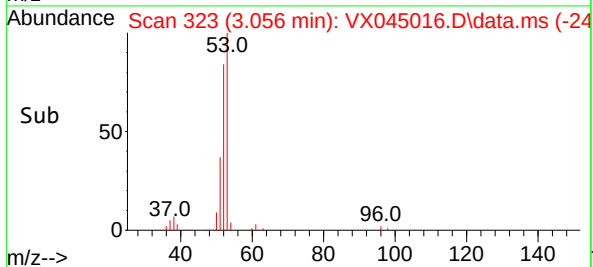
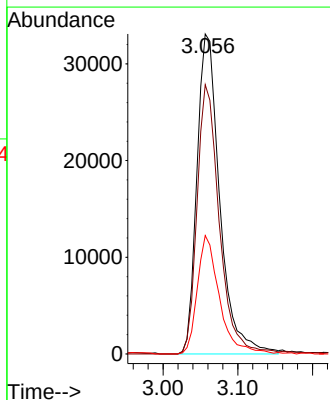
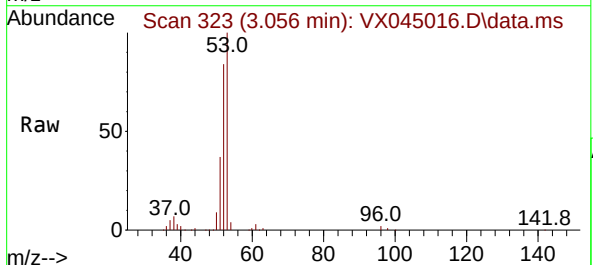
Manual Integrations
APPROVED

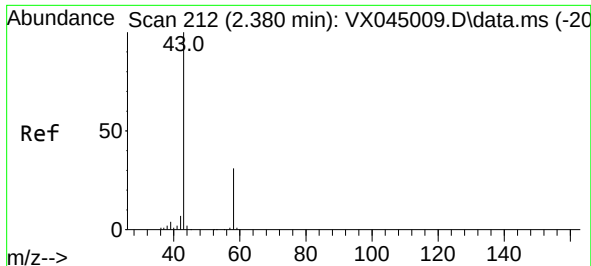
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#14
Acrylonitrile
Concen: 99.964 ug/l
RT: 3.056 min Scan# 323
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

Tgt Ion: 53 Resp: 70385
Ion Ratio Lower Upper
53 100
52 81.8 40.9 122.8
51 35.8 18.0 54.0





#15

Acetone

Concen: 97.848 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX045016.D

Acq: 21 Feb 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

Tgt Ion: 58 Resp: 1889

Ion Ratio Lower Upper

58 100

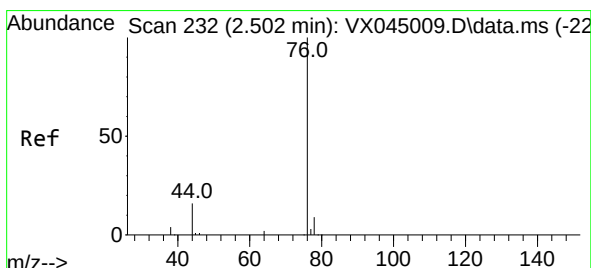
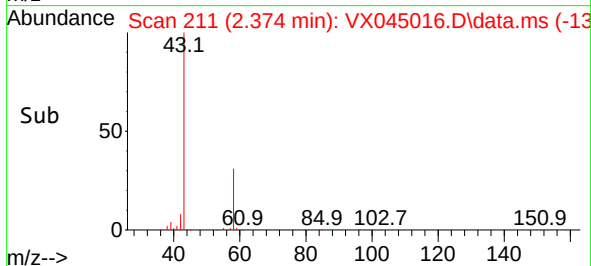
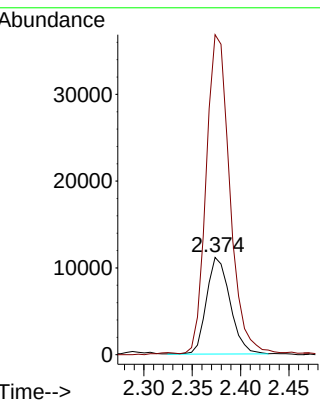
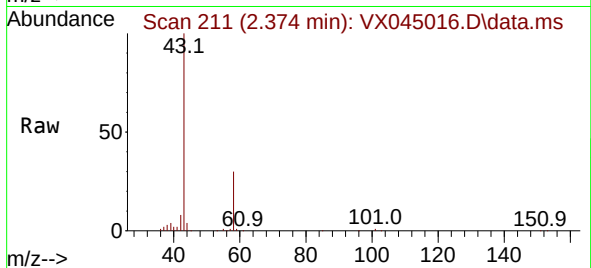
43 329.3 258.6 388.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#16

Carbon Disulfide

Concen: 18.472 ug/l

RT: 2.508 min Scan# 233

Delta R.T. 0.006 min

Lab File: VX045016.D

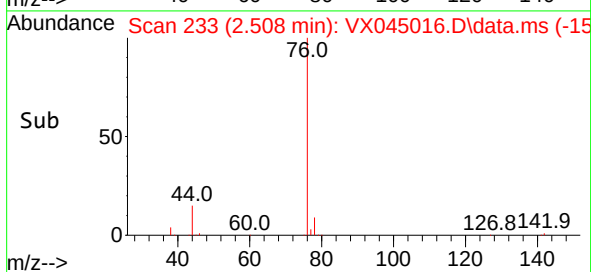
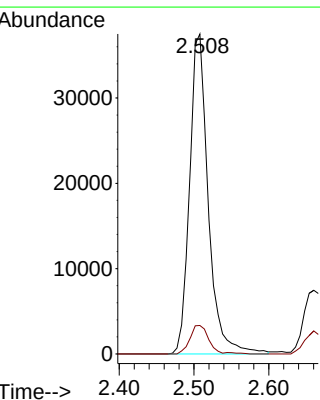
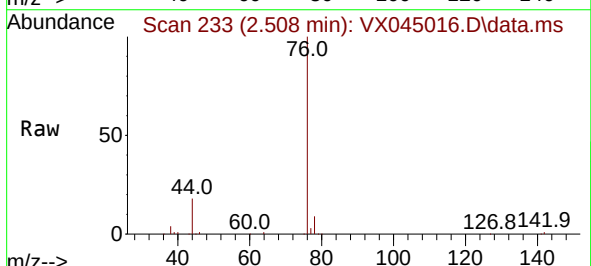
Acq: 21 Feb 2025 14:03

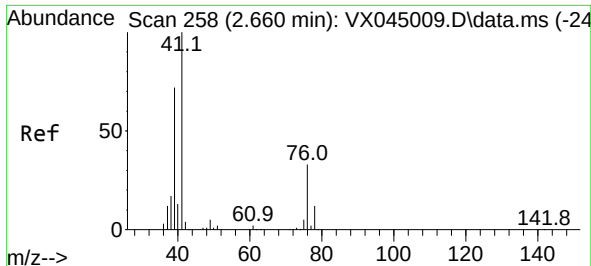
Tgt Ion: 76 Resp: 65042

Ion Ratio Lower Upper

76 100

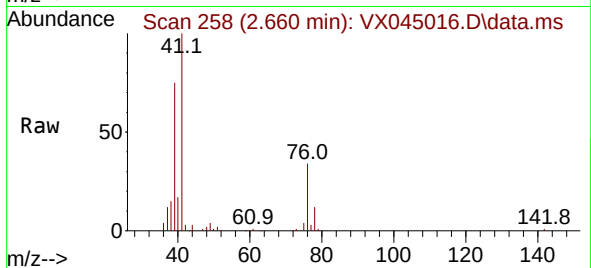
78 8.9 7.3 10.9





#17
 Allyl chloride
 Concen: 18.724 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. -0.000 min
 Lab File: VX045016.D
 Acq: 21 Feb 2025 14:03

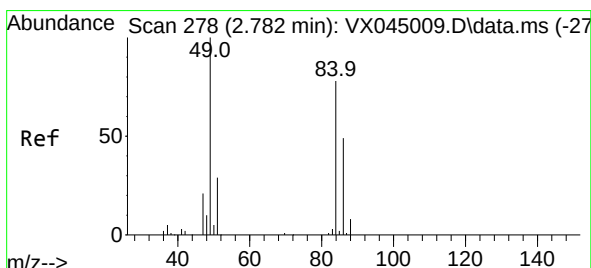
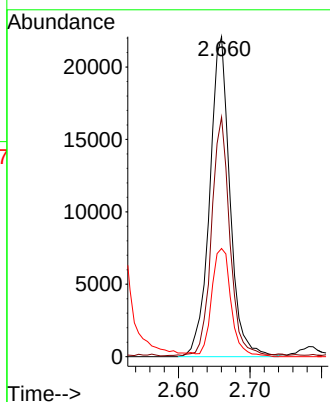
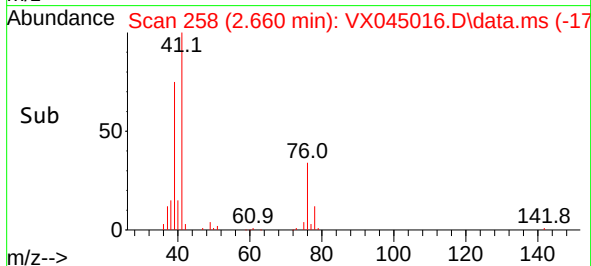
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBSD01



Tgt Ion: 41 Resp: 43472
 Ion Ratio Lower Upper
 41 100
 39 74.3 36.2 108.6
 76 33.8 17.2 51.5

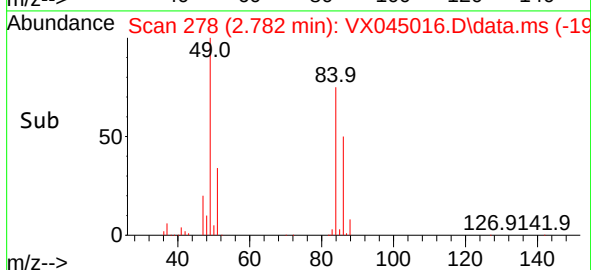
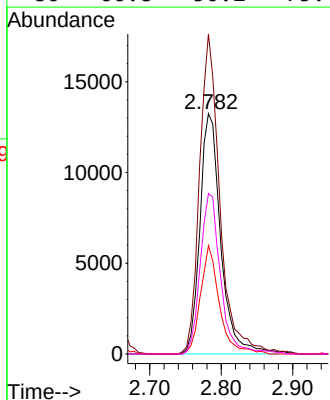
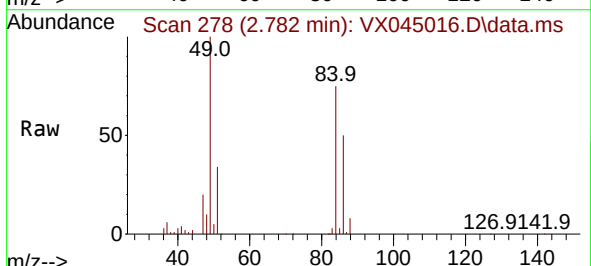
Manual Integrations
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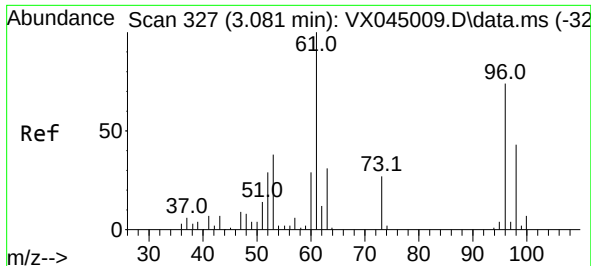
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025



#18
 Methylene Chloride
 Concen: 19.191 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: VX045016.D
 Acq: 21 Feb 2025 14:03

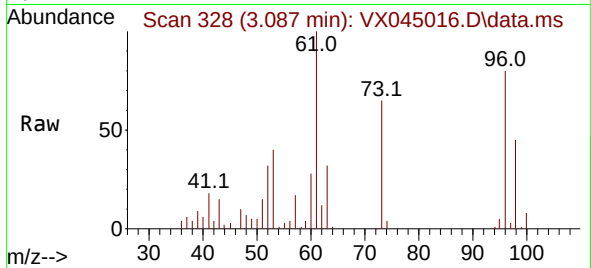
Tgt Ion: 84 Resp: 26795
 Ion Ratio Lower Upper
 84 100
 49 133.1 102.8 154.2
 51 45.1 30.1 45.1
 86 66.8 50.2 75.4





#19
trans-1,2-Dichloroethene
Concen: 18.996 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

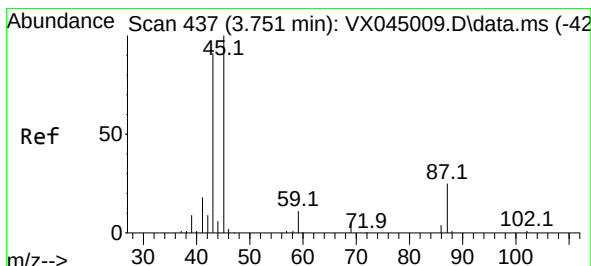
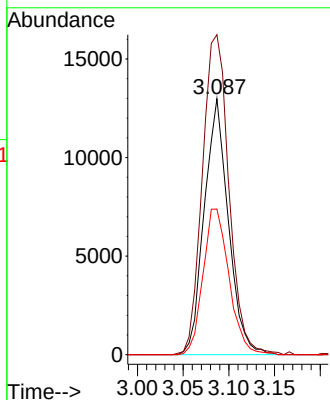
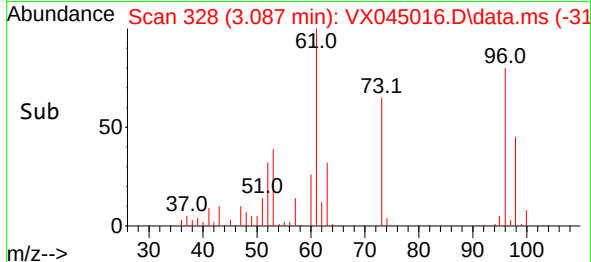
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01



Tgt Ion: 96 Resp: 2385
Ion Ratio Lower Upper
96 100
61 124.4 108.6 163.0
98 56.8 46.5 69.7

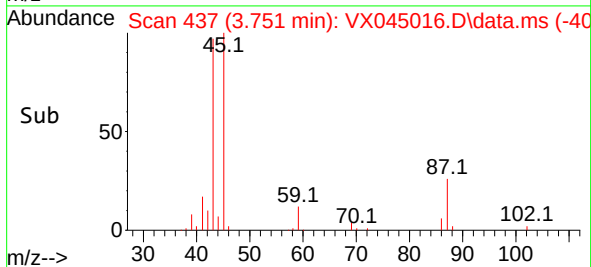
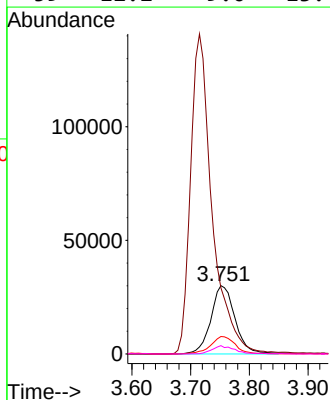
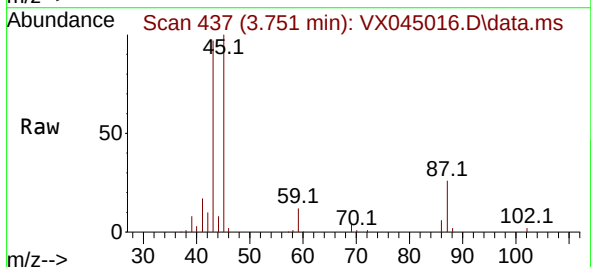
Manual Integrations
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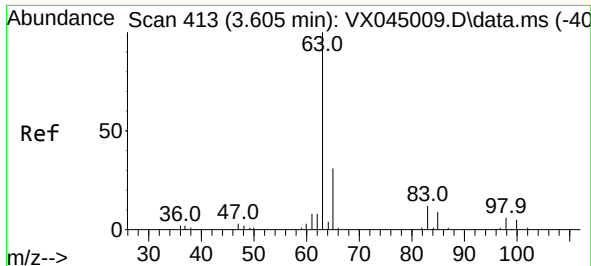
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#20
Diisopropyl ether
Concen: 19.215 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

Tgt Ion: 45 Resp: 85729
Ion Ratio Lower Upper
45 100
43 94.3 74.4 111.6
87 25.6 19.8 29.8
59 12.2 9.0 13.4





#21

1,1-Dichloroethane

Concen: 18.503 ug/l

RT: 3.605 min Scan# 413

Delta R.T. -0.000 min

Lab File: VX045016.D

Acq: 21 Feb 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

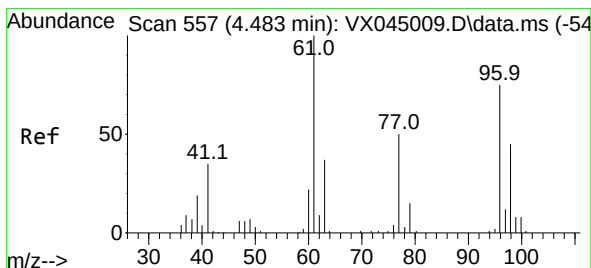
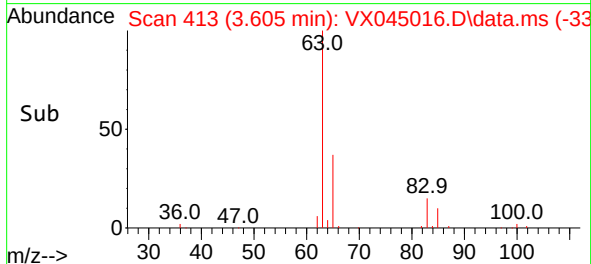
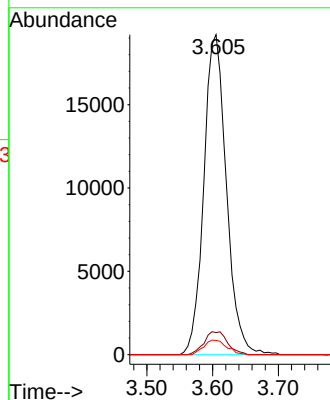
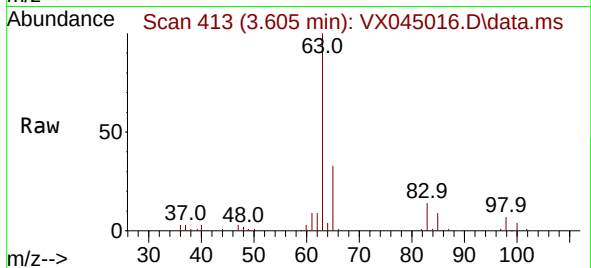
Tgt Ion:	63	Resp:	4591
Ion Ratio	Lower	Upper	
63	100		
98	6.9	3.3	9.8
100	4.4	2.4	7.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#22

cis-1,2-Dichloroethene

Concen: 18.671 ug/l

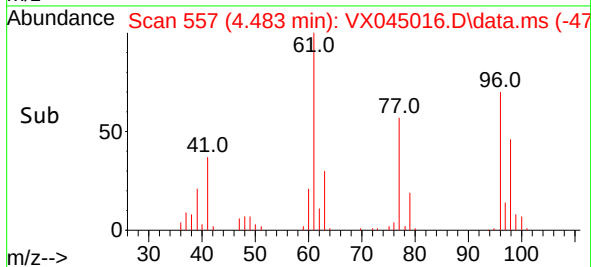
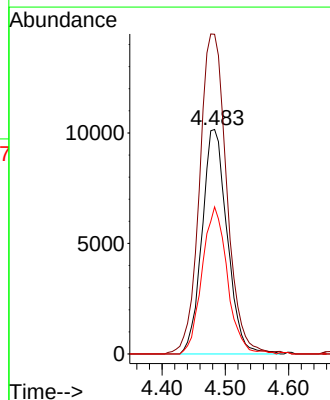
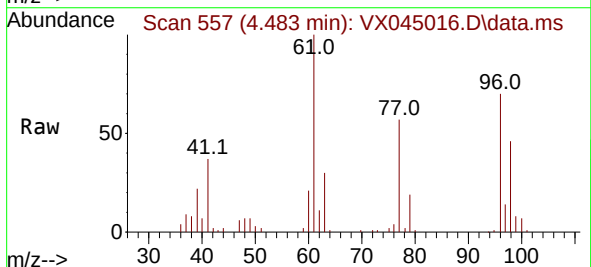
RT: 4.483 min Scan# 557

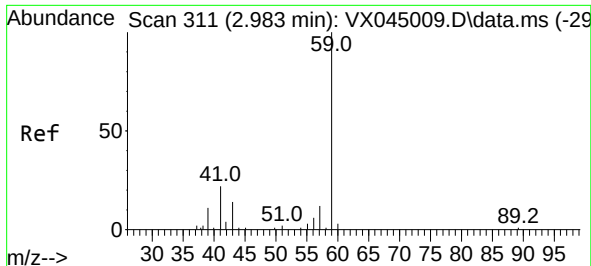
Delta R.T. -0.000 min

Lab File: VX045016.D

Acq: 21 Feb 2025 14:03

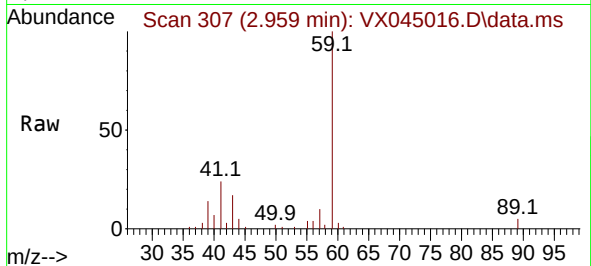
Tgt Ion:	96	Resp:	28099
Ion Ratio	Lower	Upper	
96	100		
61	153.6	118.9	178.3
98	65.3	50.7	76.1





#23
tert-Butyl Alcohol
Concen: 109.220 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

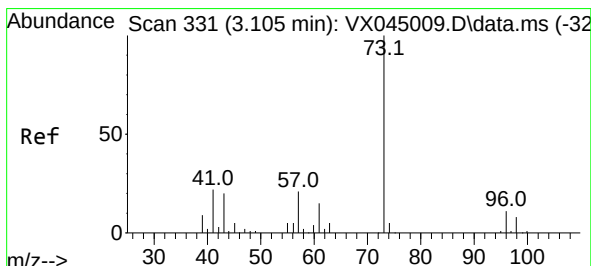
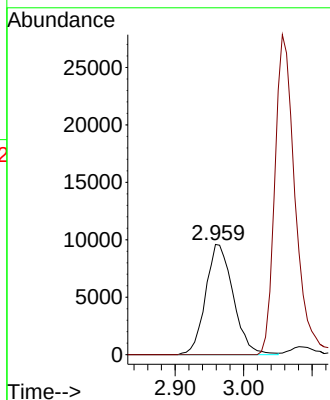
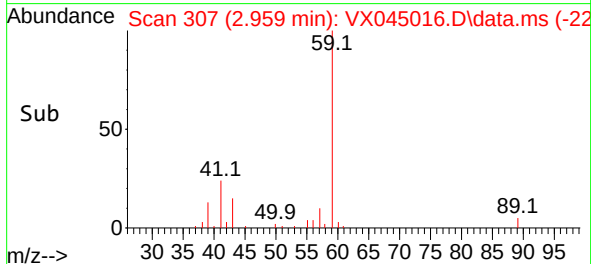
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01



Tgt Ion: 59 Resp: 2684
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

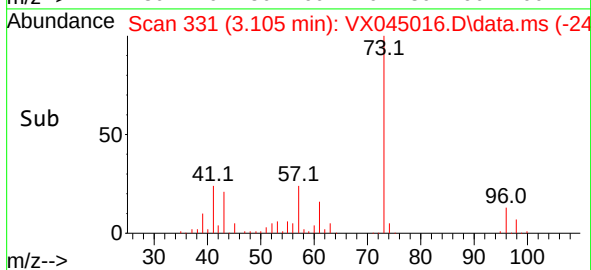
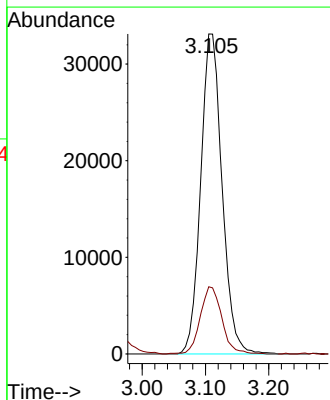
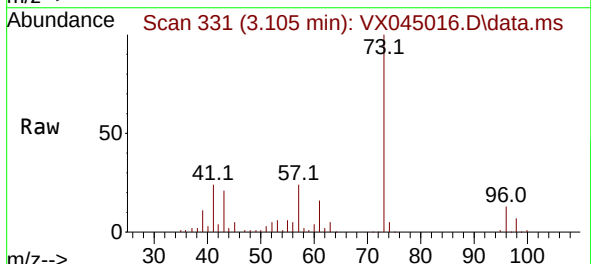
Manual Integrations
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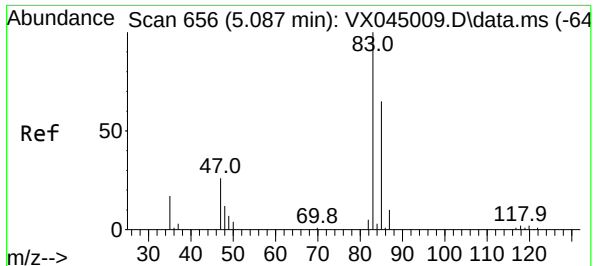
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#24
Methyl tert-Butyl Ether
Concen: 19.218 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

Tgt Ion: 73 Resp: 77862
Ion Ratio Lower Upper
73 100
43 21.1 17.4 26.0





#25

Chloroform

Concen: 19.192 ug/l

RT: 5.080 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX045016.D

Acq: 21 Feb 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

Tgt Ion: 83 Resp: 45998

Ion Ratio Lower Upper

83 100

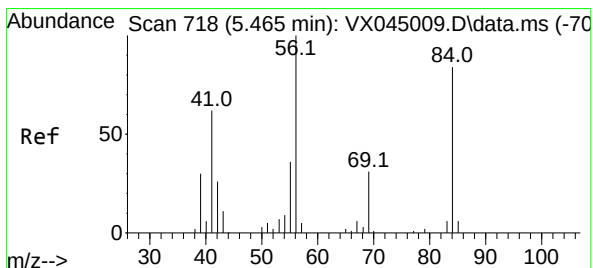
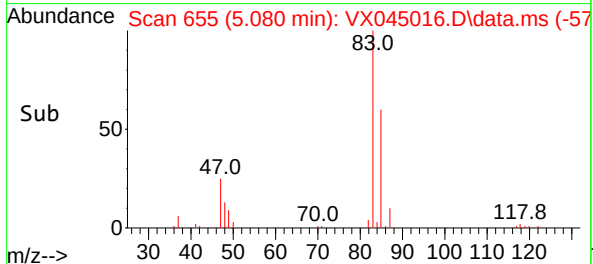
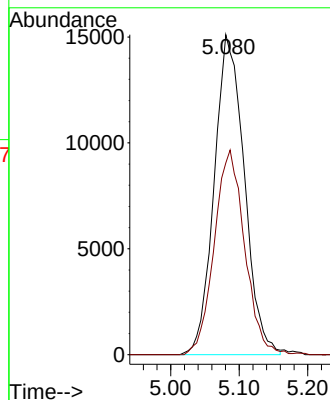
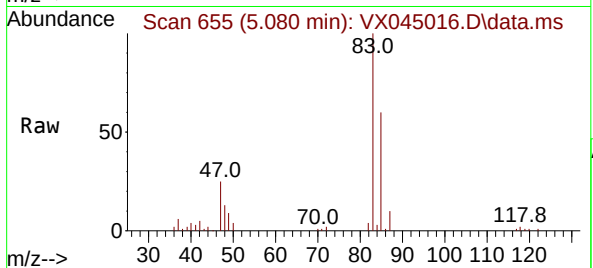
85 59.9 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#26

Cyclohexane

Concen: 18.722 ug/l

RT: 5.465 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX045016.D

Acq: 21 Feb 2025 14:03

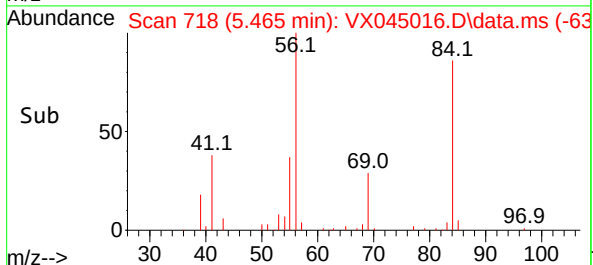
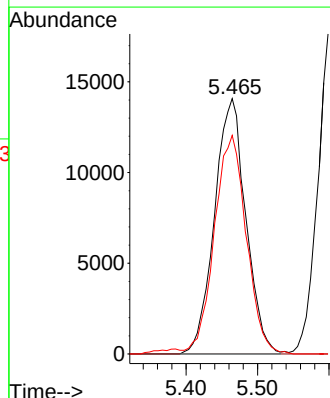
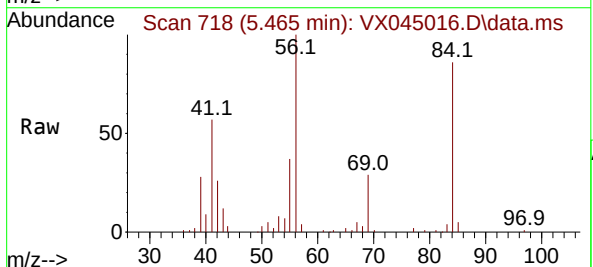
Tgt Ion: 56 Resp: 42880

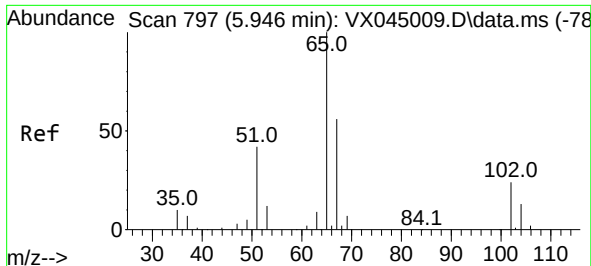
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

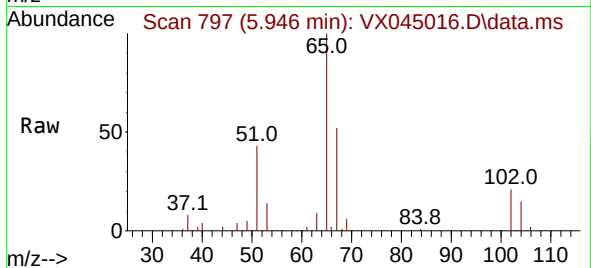
84 87.2 67.1 100.7





#27
1,2-Dichloroethane-d4
Concen: 29.165 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

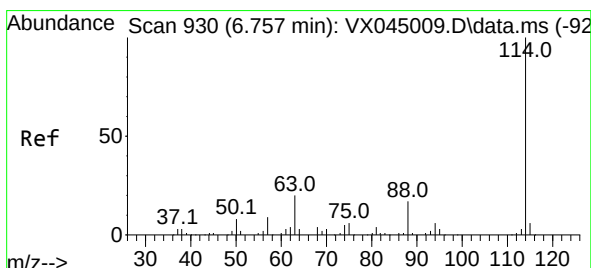
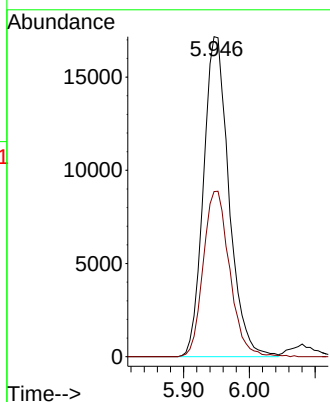
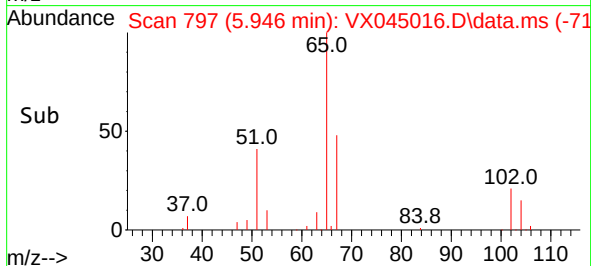
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01



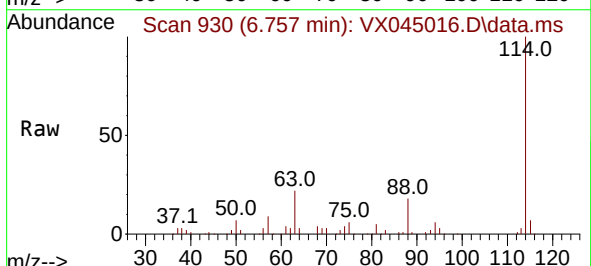
Tgt Ion: 65 Resp: 46289
Ion Ratio Lower Upper
65 100
67 53.2 42.6 64.0

Manual Integrations
APPROVED

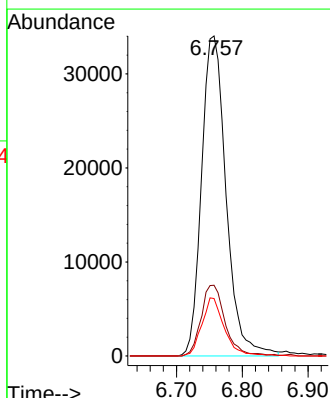
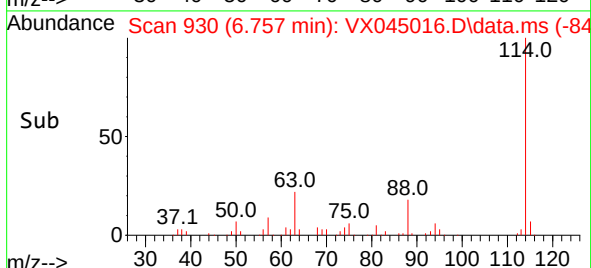
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

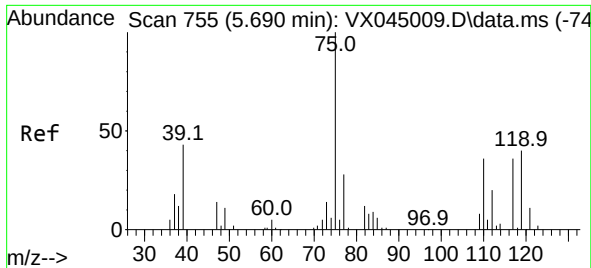


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03



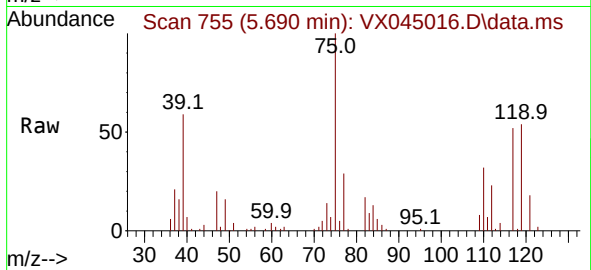
Tgt Ion:114 Resp: 88567
Ion Ratio Lower Upper
114 100
63 21.1 16.8 25.2
88 16.5 12.7 19.1





#29
1,1-Dichloropropene
Concen: 19.074 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

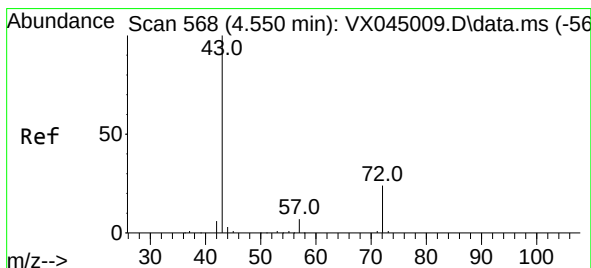
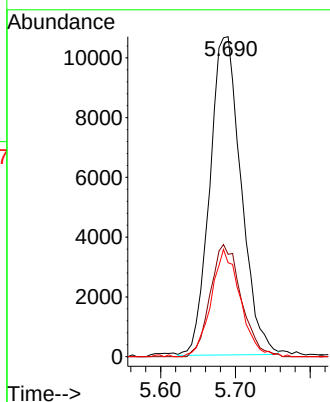
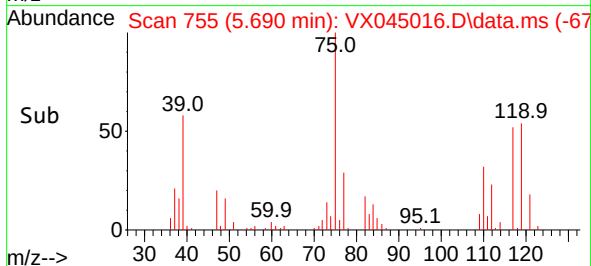
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01



Tgt Ion: 75 Resp: 31070
Ion Ratio Lower Upper
75 100
110 34.8 0.0 69.2
77 31.3 0.0 61.0

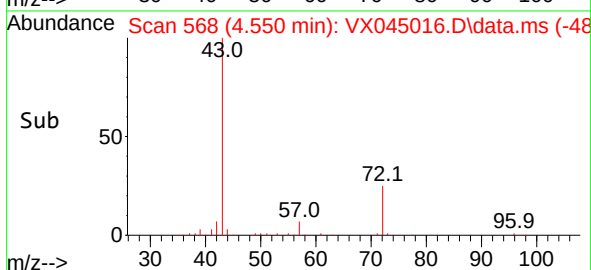
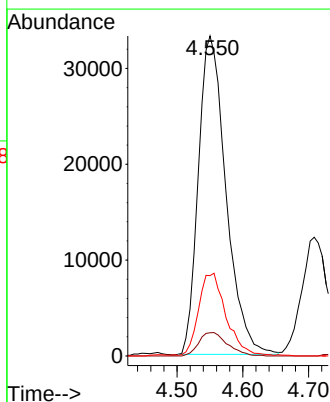
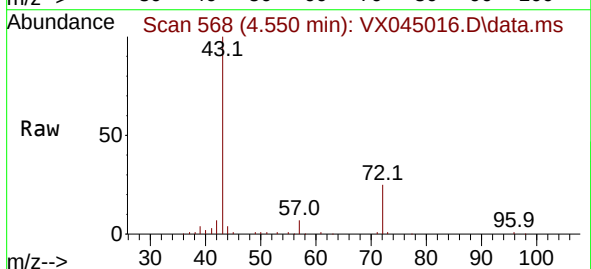
Manual Integrations
APPROVED

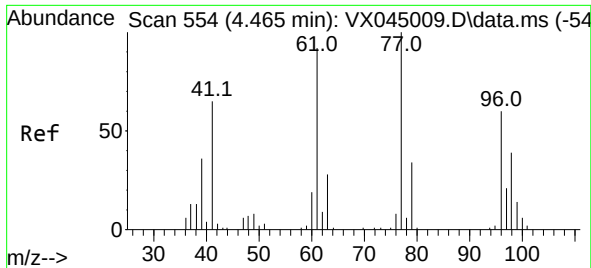
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#30
2-Butanone
Concen: 103.174 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

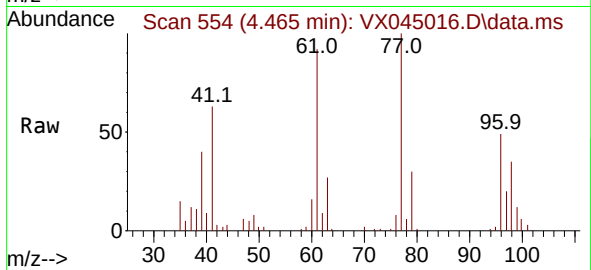
Tgt Ion: 43 Resp: 97089
Ion Ratio Lower Upper
43 100
57 7.6 6.2 9.2
72 25.5 20.2 30.2





#31
2,2-Dichloropropane
Concen: 19.053 ug/l
RT: 4.465 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

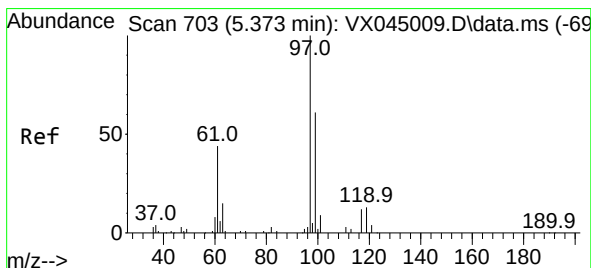
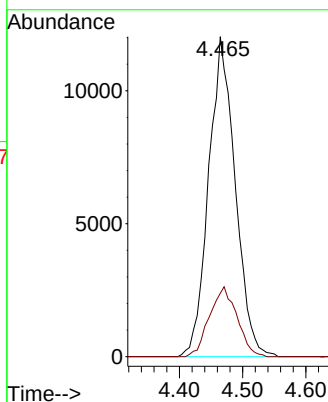
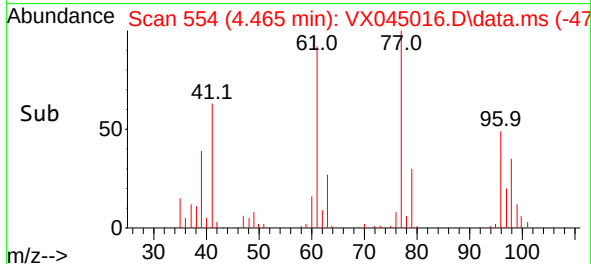
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01



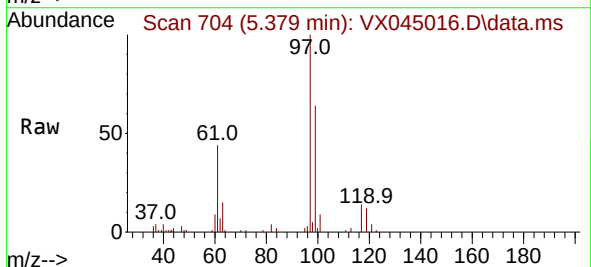
Tgt Ion: 77 Resp: 35100
Ion Ratio Lower Upper
77 100
97 22.7 18.0 27.0

Manual Integrations
APPROVED

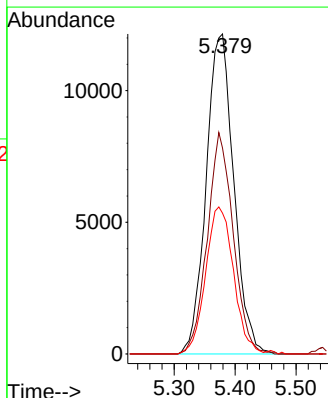
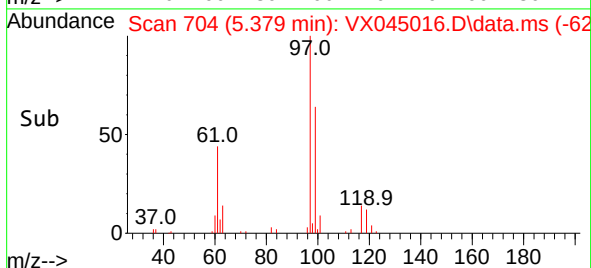
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

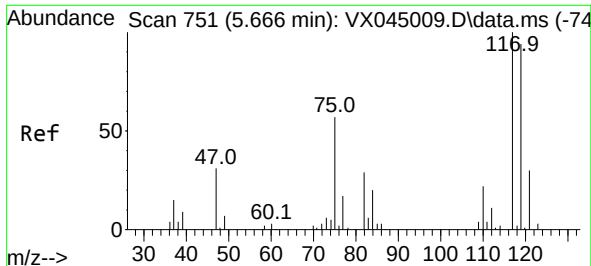


#32
1,1,1-Trichloroethane
Concen: 19.441 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03



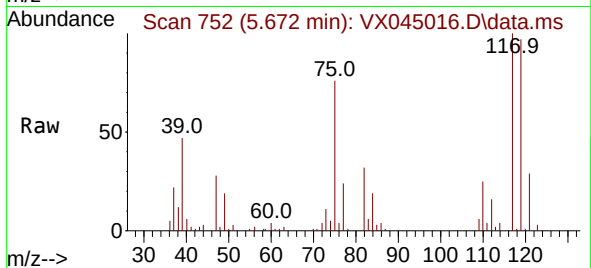
Tgt Ion: 97 Resp: 38377
Ion Ratio Lower Upper
97 100
99 64.9 52.2 78.2
61 46.4 38.5 57.7





#33
Carbon Tetrachloride
Concen: 19.068 ug/l
RT: 5.672 min Scan# 751
Delta R.T. 0.006 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

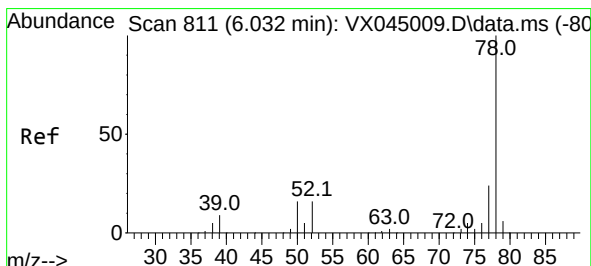
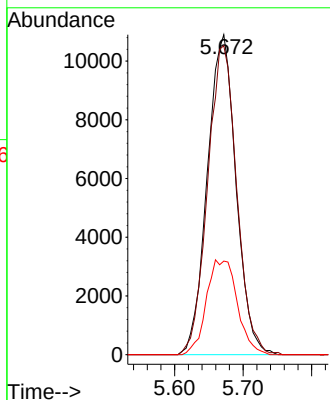
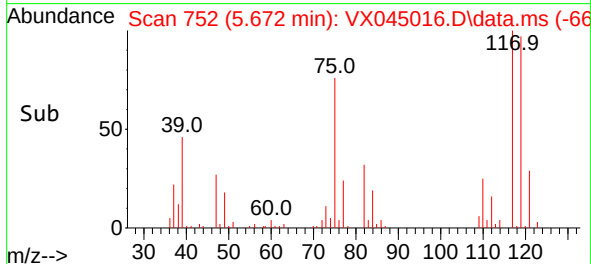
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01



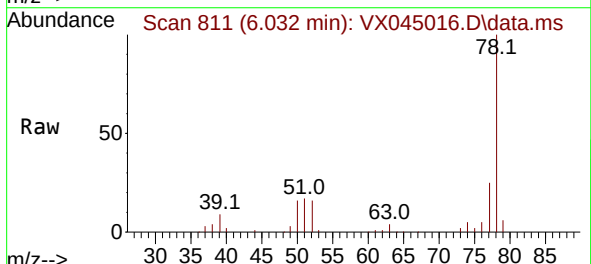
Tgt Ion:117 Resp: 31760
Ion Ratio Lower Upper
117 100
119 96.5 75.1 112.7
121 29.2 23.9 35.9

Manual Integrations
APPROVED

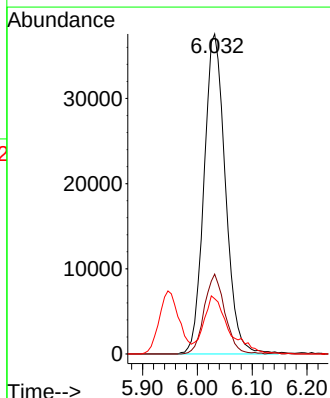
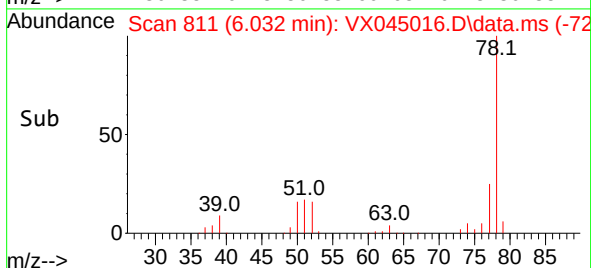
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

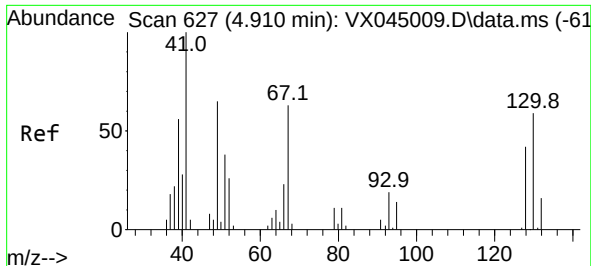


#34
Benzene
Concen: 19.909 ug/l
RT: 6.032 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03



Tgt Ion: 78 Resp: 101719
Ion Ratio Lower Upper
78 100
77 25.0 19.6 29.4
51 17.0 13.8 20.6





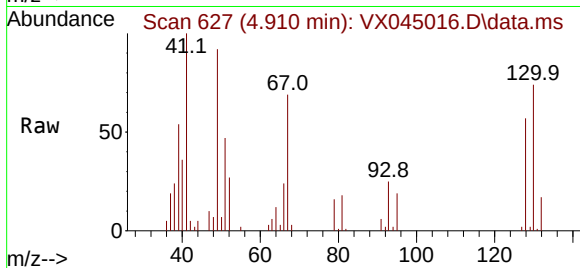
#35
Methacrylonitrile
Concen: 20.072 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01



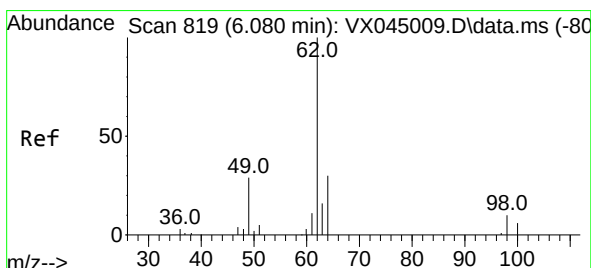
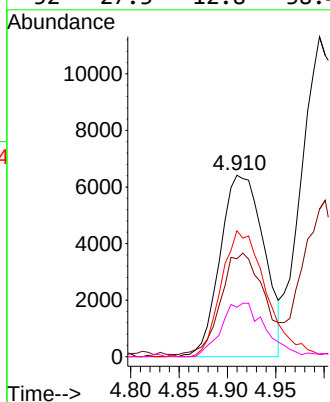
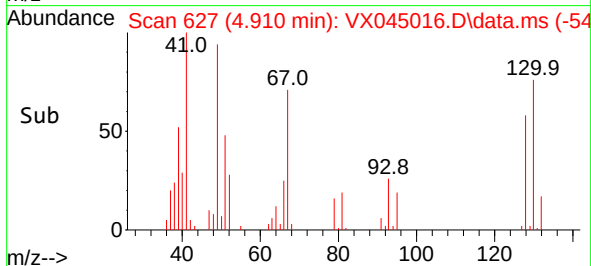
Tgt Ion:	41	Resp:	2021
Ion Ratio	100	Lower	Upper
41	100		
39	52.8	27.8	83.4
67	69.4	31.5	94.5
52	27.3	12.8	38.4

Manual Integrations

APPROVED

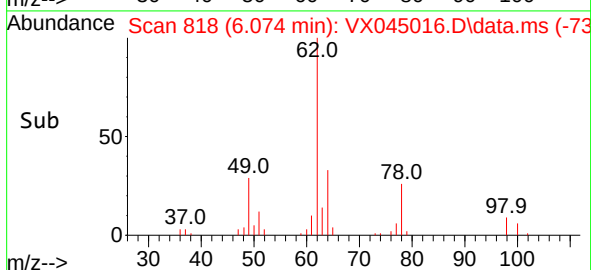
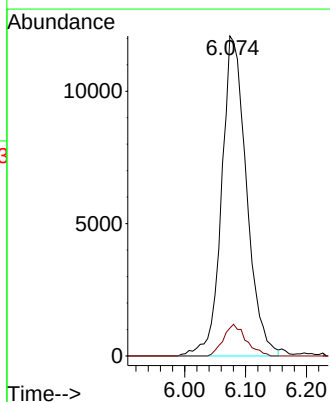
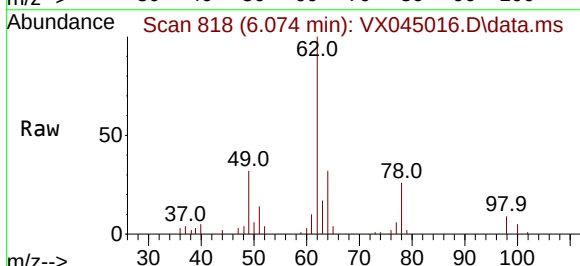
Reviewed By :John Carlone 02/24/2025

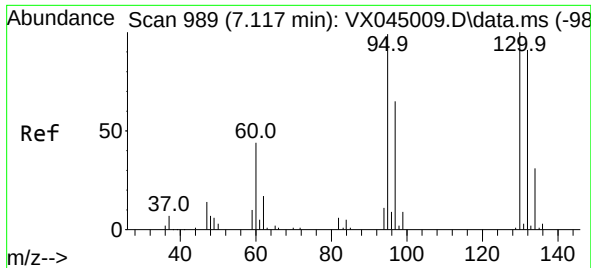
Supervised By :Mahesh Dadoda 02/24/2025



#36
1,2-Dichloroethane
Concen: 19.586 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

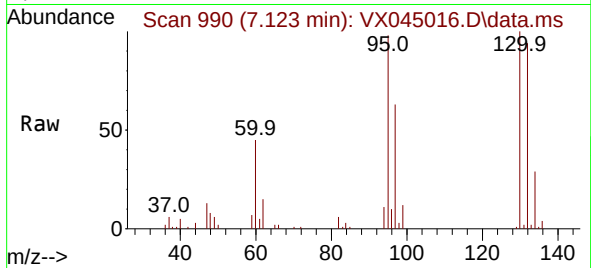
Tgt Ion:	62	Resp:	34260
Ion Ratio	100	Lower	Upper
62	100		
98	9.0	7.9	11.9





#37
Trichloroethene
Concen: 19.181 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

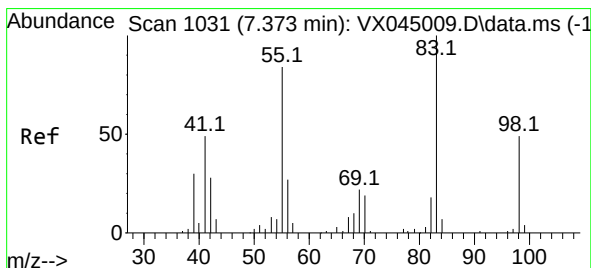
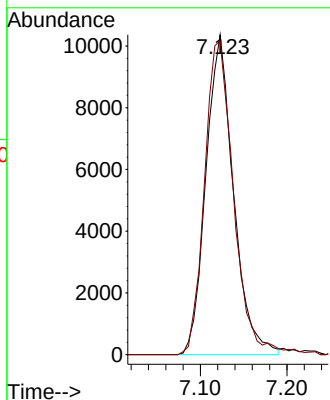
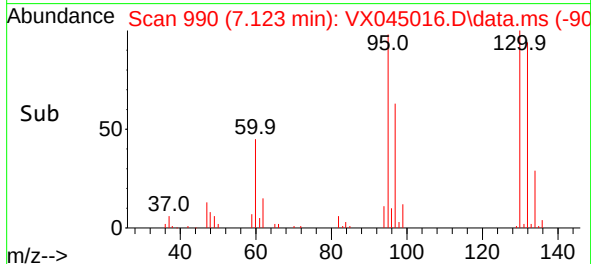
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01



Tgt Ion:130 Resp: 2292
Ion Ratio Lower Upper
130 100
95 98.0 79.0 118.4

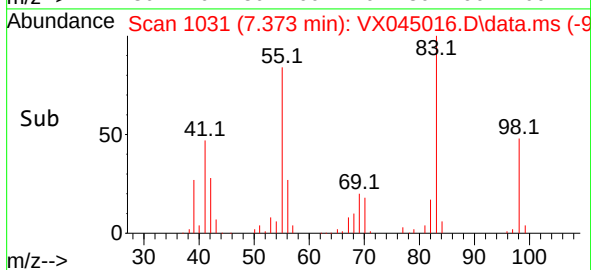
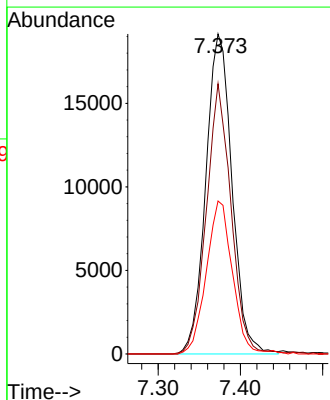
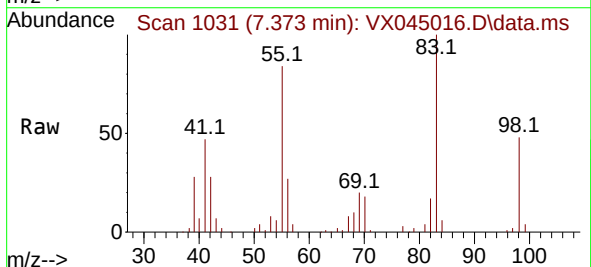
Manual Integrations
APPROVED

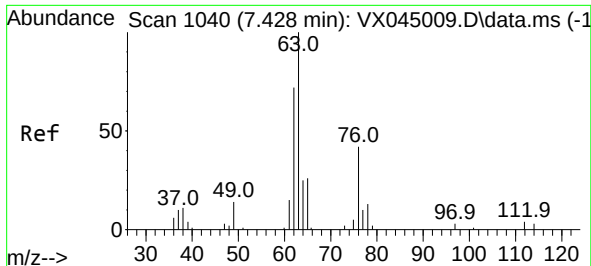
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#38
Methylcyclohexane
Concen: 19.432 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

Tgt Ion: 83 Resp: 42508
Ion Ratio Lower Upper
83 100
55 79.1 40.6 122.0
98 47.3 24.9 74.6





#39

1,2-Dichloropropane

Concen: 19.120 ug/l

RT: 7.422 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045016.D

Acq: 21 Feb 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

Tgt Ion: 63 Resp: 2428

Ion Ratio Lower Upper

63 100

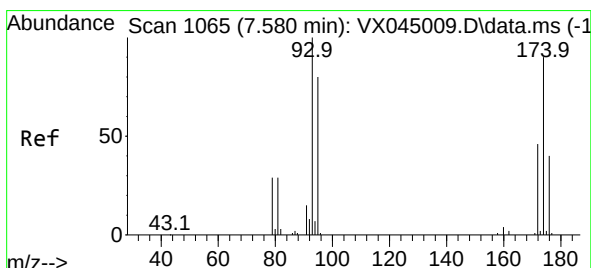
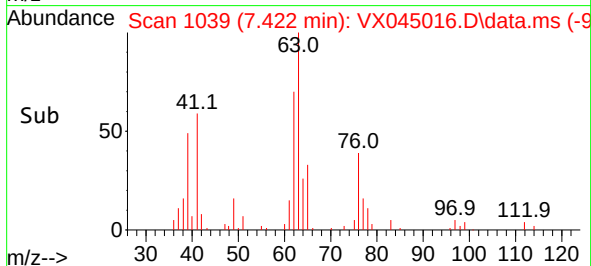
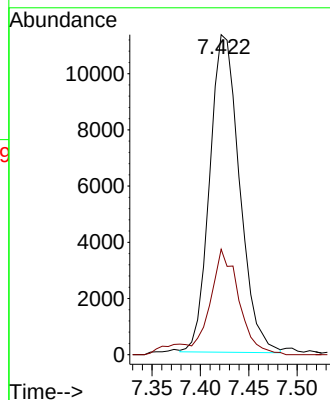
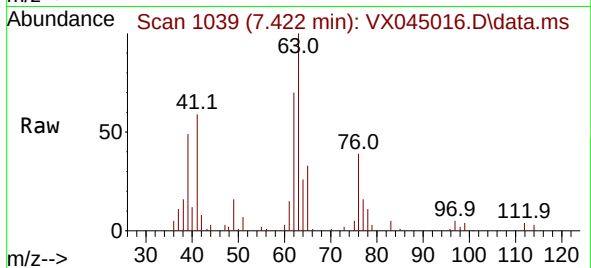
65 32.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#40

Dibromomethane

Concen: 19.863 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX045016.D

Acq: 21 Feb 2025 14:03

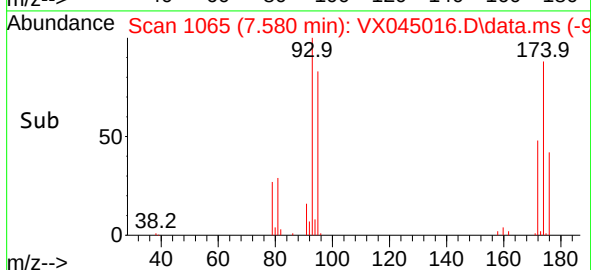
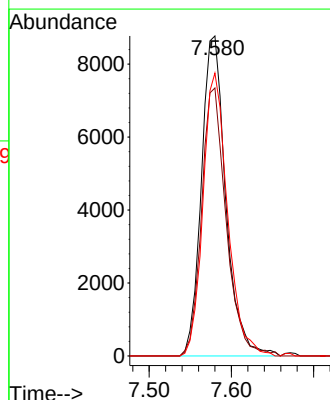
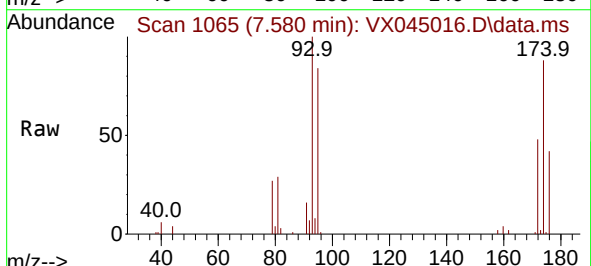
Tgt Ion: 93 Resp: 18105

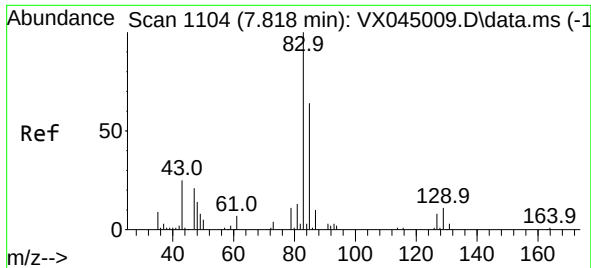
Ion Ratio Lower Upper

93 100

95 84.6 0.0 162.6

174 89.0 0.0 178.8





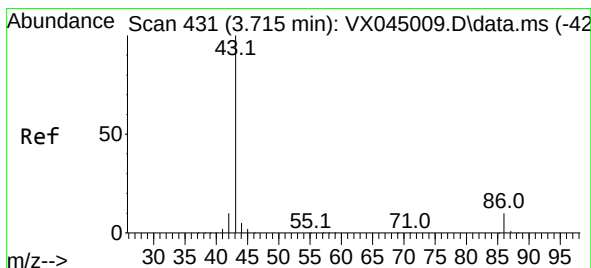
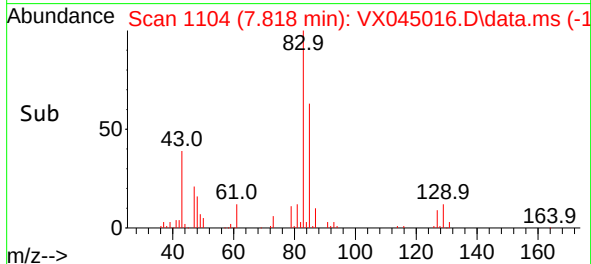
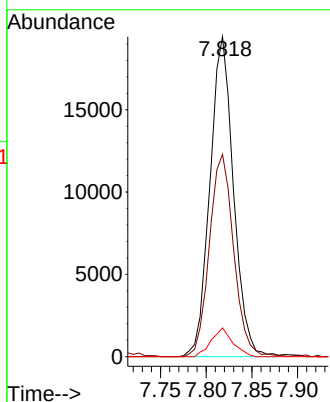
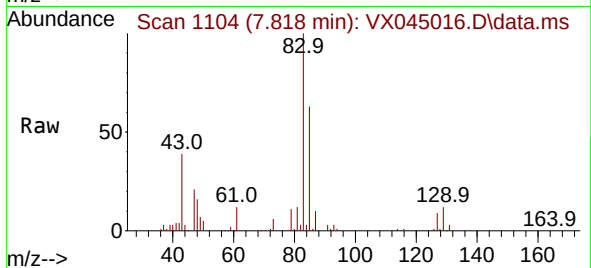
#41
Bromodichloromethane
Concen: 19.235 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

Tgt Ion: 83 Resp: 3484
Ion Ratio Lower Upper
83 100
85 63.2 51.0 76.6
127 9.0 6.1 9.1

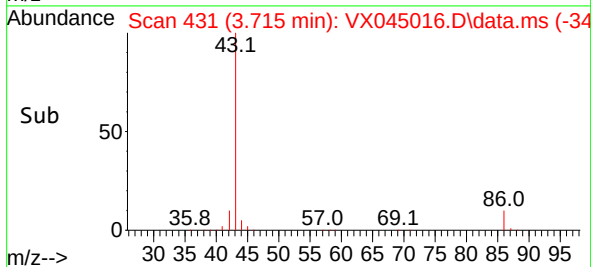
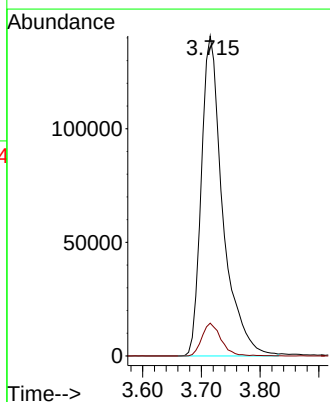
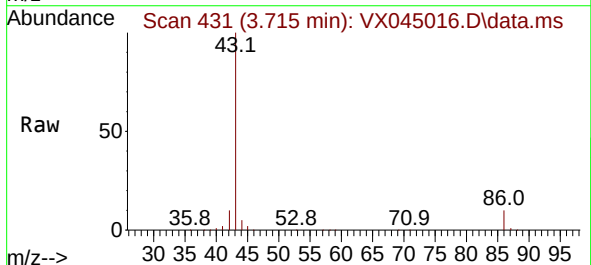
Manual Integrations
APPROVED

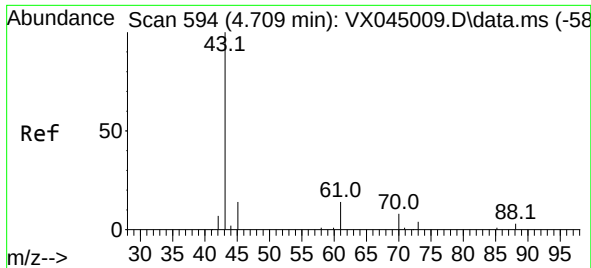
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#42
Vinyl Acetate
Concen: 98.367 ug/l
RT: 3.715 min Scan# 431
Delta R.T. 0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

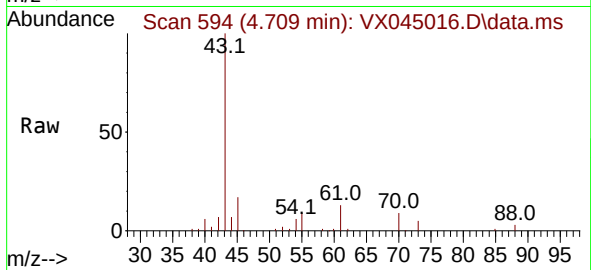
Tgt Ion: 43 Resp: 359203
Ion Ratio Lower Upper
43 100
86 9.0 7.0 10.4





#43
Ethyl Acetate
Concen: 20.336 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

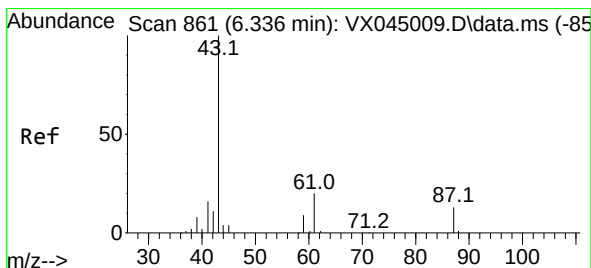
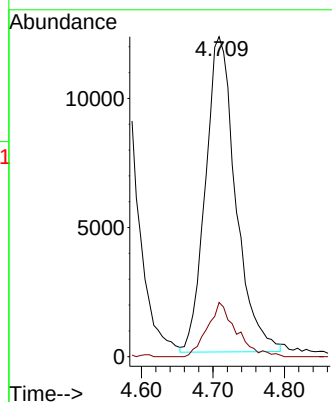
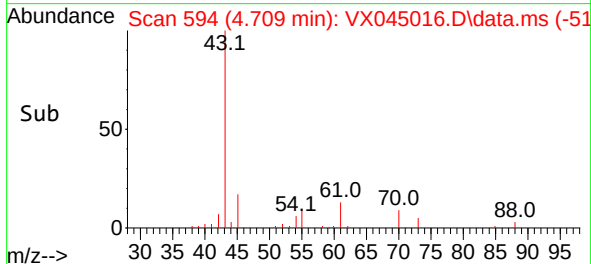
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01



Tgt Ion: 43 Resp: 3588
Ion Ratio Lower Upper
43 100
45 15.8 12.7 19.1

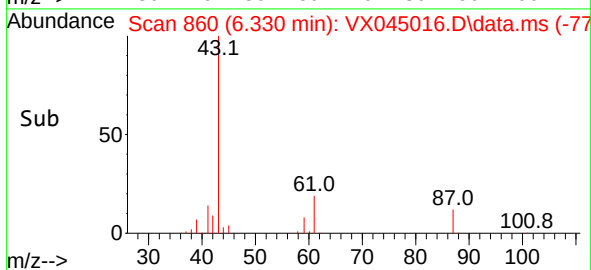
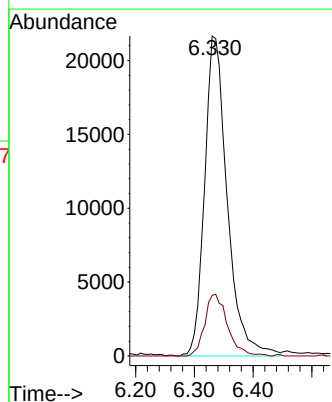
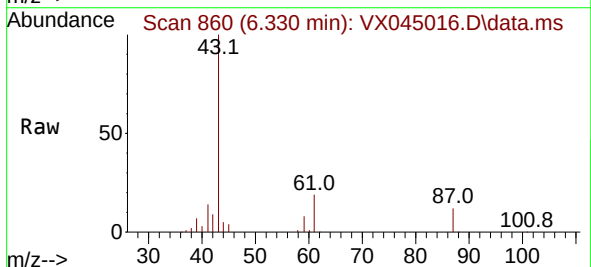
Manual Integrations
APPROVED

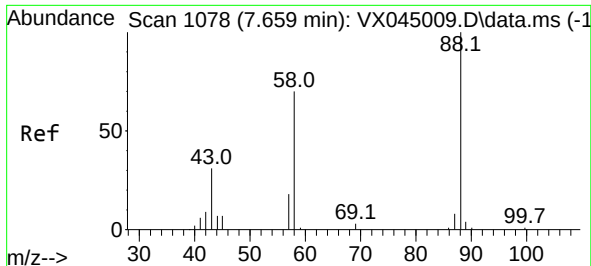
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#44
Isopropyl Acetate
Concen: 20.002 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

Tgt Ion: 43 Resp: 58095
Ion Ratio Lower Upper
43 100
61 19.1 15.5 23.3





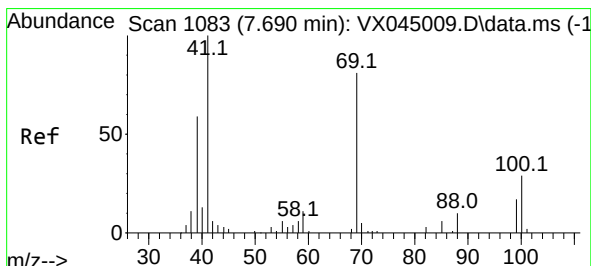
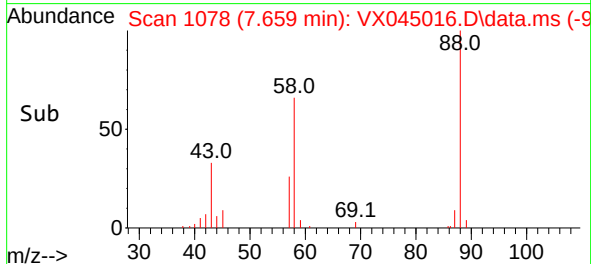
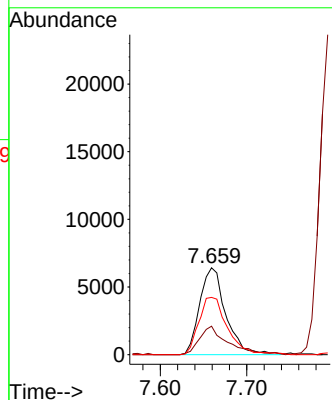
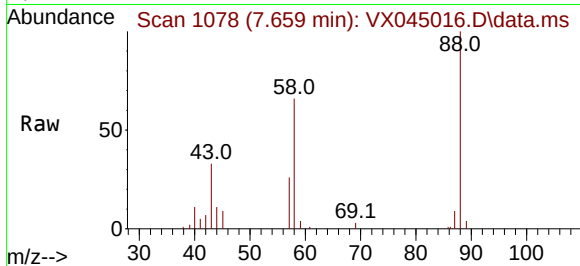
#45
1,4-Dioxane
Concen: 445.723 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

Tgt Ion: 88 Resp: 13458
Ion Ratio Lower Upper
88 100
43 35.0 29.6 44.4
58 70.0 56.2 84.4

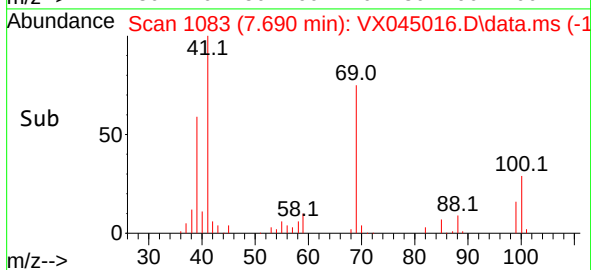
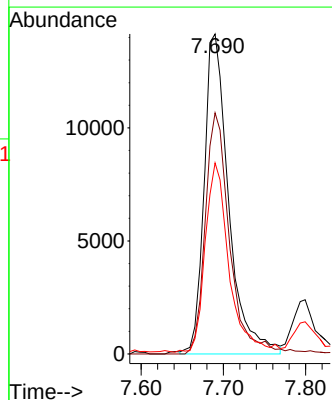
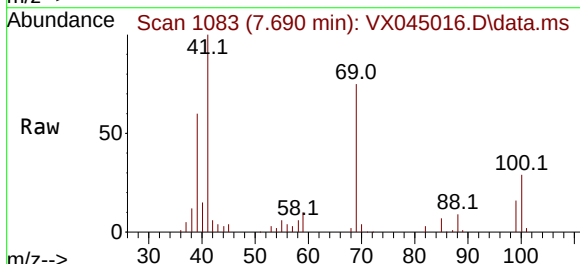
Manual Integrations
APPROVED

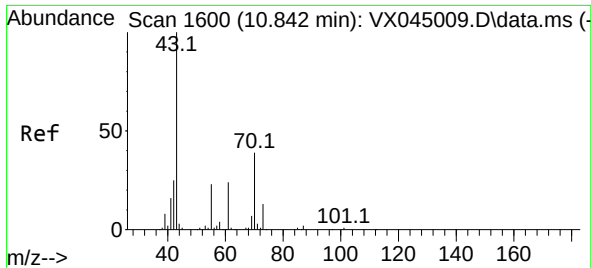
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#46
Methyl methacrylate
Concen: 20.634 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

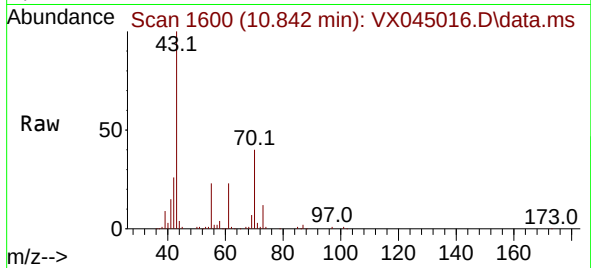
Tgt Ion: 41 Resp: 29387
Ion Ratio Lower Upper
41 100
69 75.9 40.7 122.1
39 58.9 29.5 88.5





#47
n-amy1 Acetate
Concen: 20.895 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

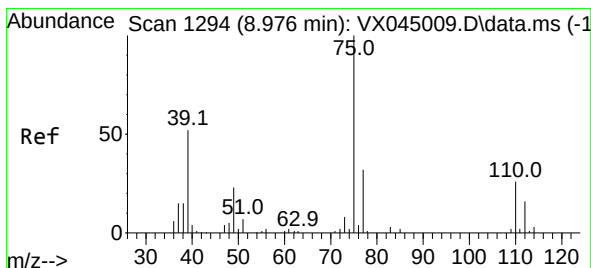
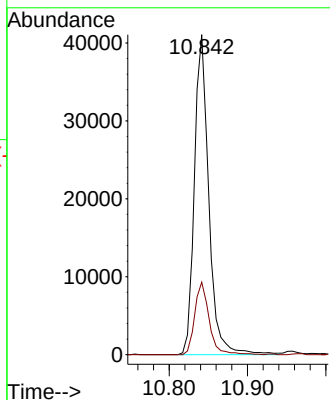
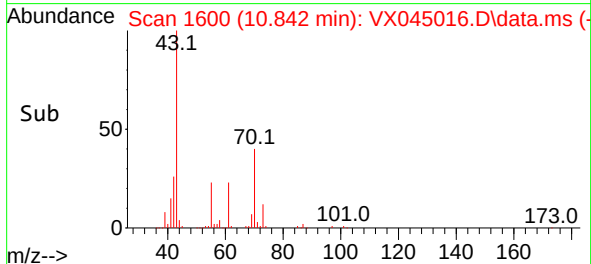
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01



Tgt Ion: 43 Resp: 5266
Ion Ratio Lower Upper
43 100
55 22.5 18.6 27.8

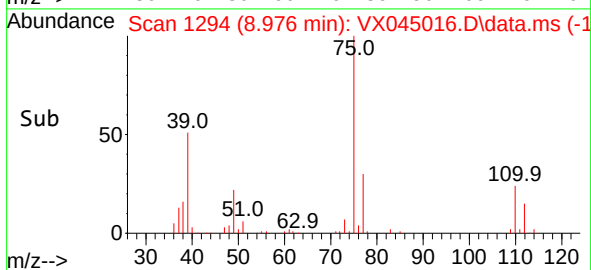
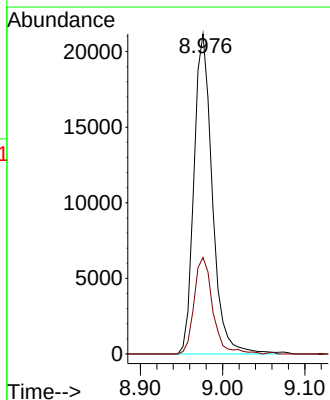
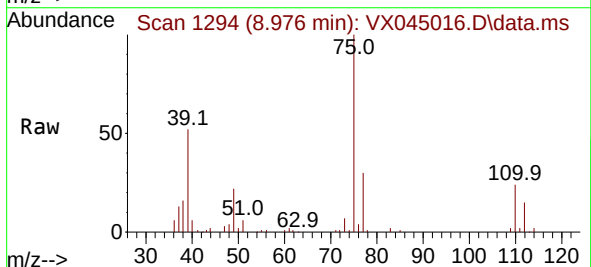
Manual Integrations
APPROVED

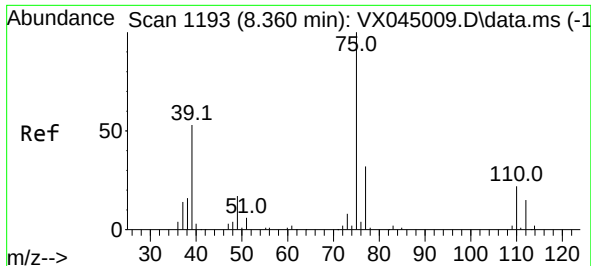
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#48
t-1,3-Dichloropropene
Concen: 18.822 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

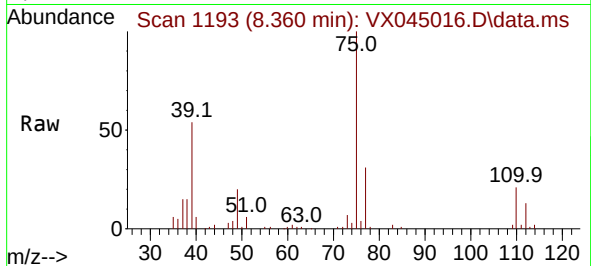
Tgt Ion: 75 Resp: 32866
Ion Ratio Lower Upper
75 100
77 30.1 25.7 38.5





#49
 cis-1,3-Dichloropropene
 Concen: 18.997 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. -0.000 min
 Lab File: VX045016.D
 Acq: 21 Feb 2025 14:03

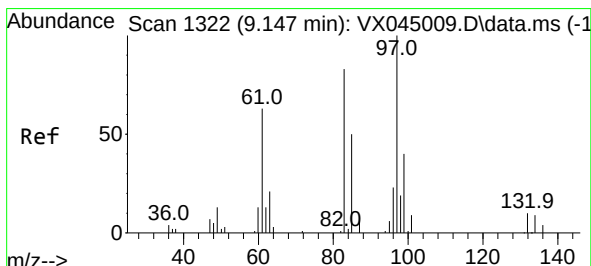
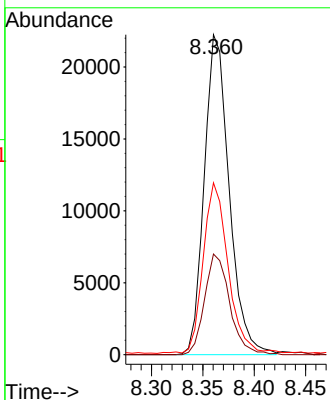
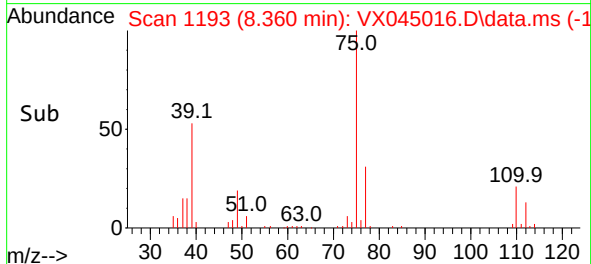
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBSD01



Tgt Ion: 75 Resp: 37552
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.9 38.9
 39 52.9 42.3 63.5

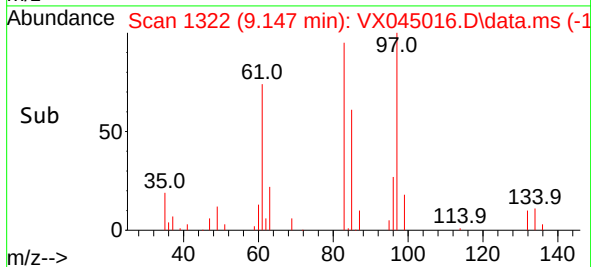
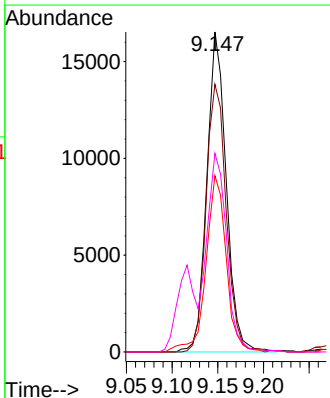
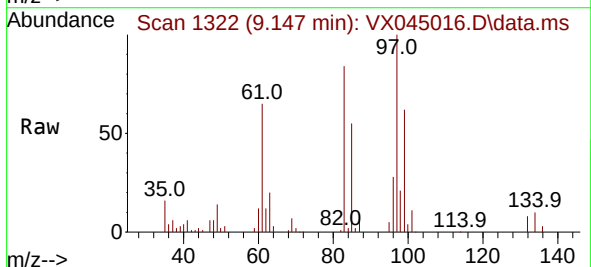
Manual Integrations
 APPROVED

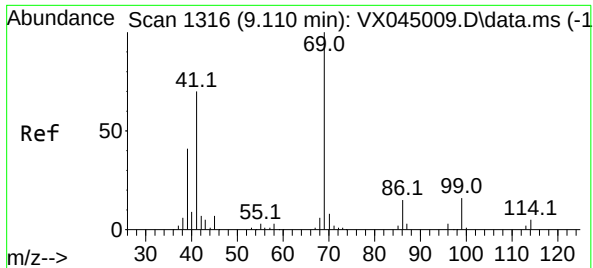
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025



#50
 1,1,2-Trichloroethane
 Concen: 20.483 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. 0.000 min
 Lab File: VX045016.D
 Acq: 21 Feb 2025 14:03

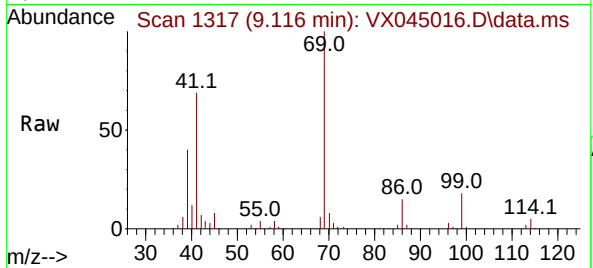
Tgt Ion: 97 Resp: 24353
 Ion Ratio Lower Upper
 97 100
 83 83.6 66.0 99.0
 85 54.7 42.5 63.7
 99 61.7 49.6 74.4





#51
Ethyl methacrylate
Concen: 19.308 ug/l
RT: 9.116 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

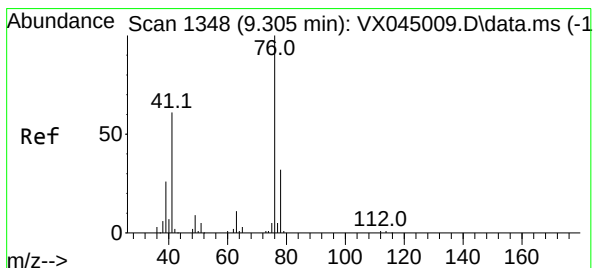
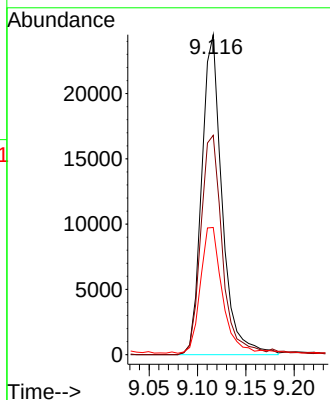
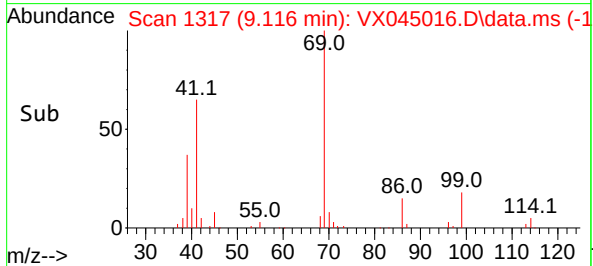
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01



Tgt Ion: 69 Resp: 3610
Ion Ratio Lower Upper
69 100
41 68.6 35.1 105.3
39 39.3 20.5 61.6

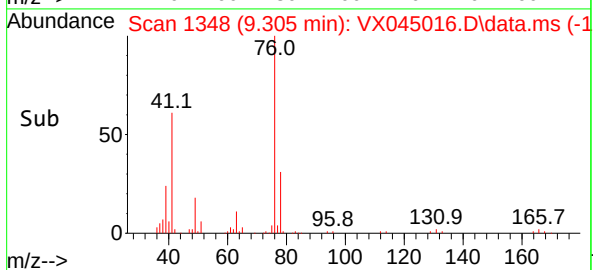
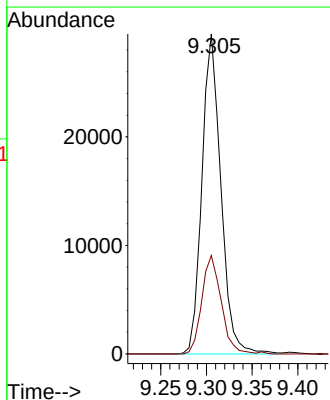
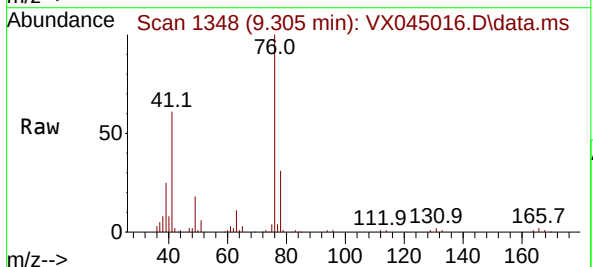
Manual Integrations
APPROVED

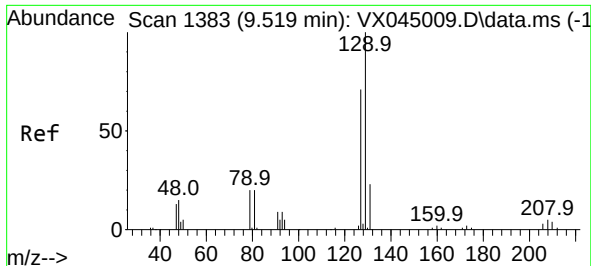
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#52
1,3-Dichloropropane
Concen: 20.428 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

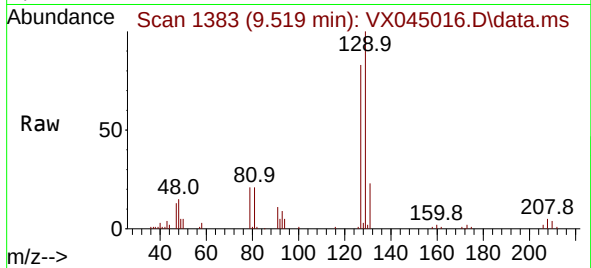
Tgt Ion: 76 Resp: 42557
Ion Ratio Lower Upper
76 100
78 31.3 0.0 63.6





#53
Dibromochloromethane
Concen: 19.397 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

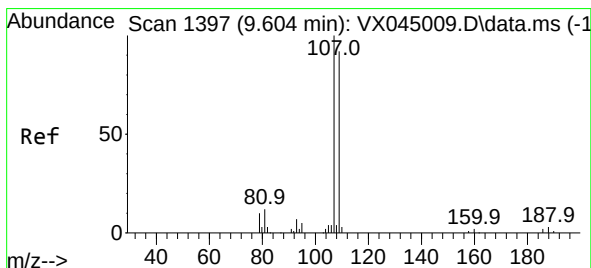
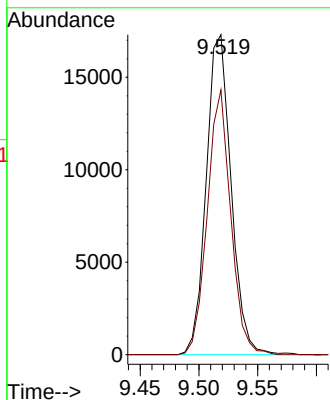
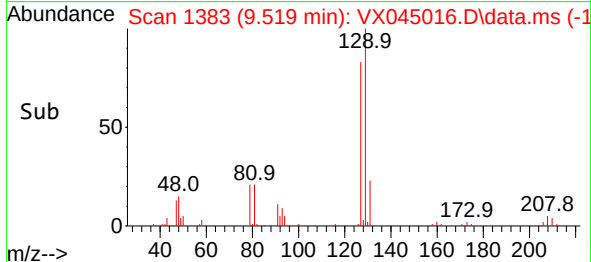
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01



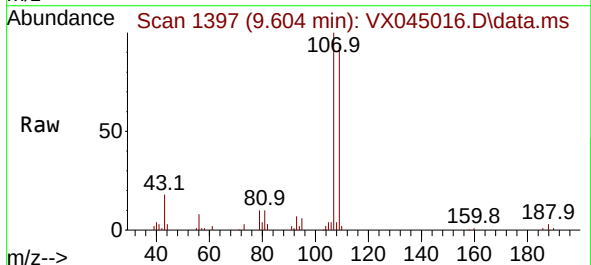
Tgt Ion:129 Resp: 25500
Ion Ratio Lower Upper
129 100
127 78.1 37.3 111.9

Manual Integrations
APPROVED

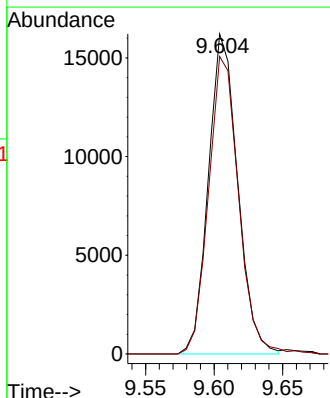
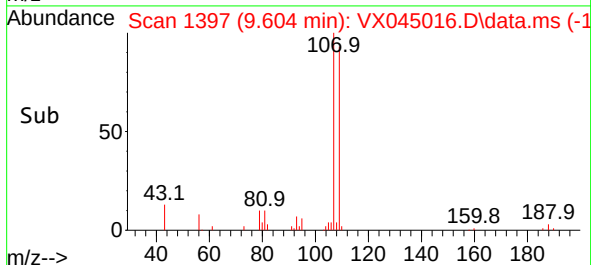
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

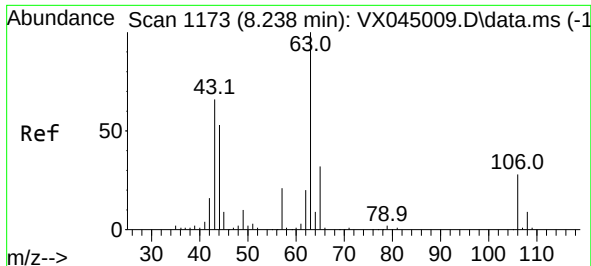


#54
1,2-Dibromoethane
Concen: 19.946 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03



Tgt Ion:107 Resp: 24081
Ion Ratio Lower Upper
107 100
109 95.4 75.8 113.8





#55

2-Chloroethyl vinyl ether

Concen: 94.590 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045016.D

Acq: 21 Feb 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

Tgt Ion: 63 Resp: 90828

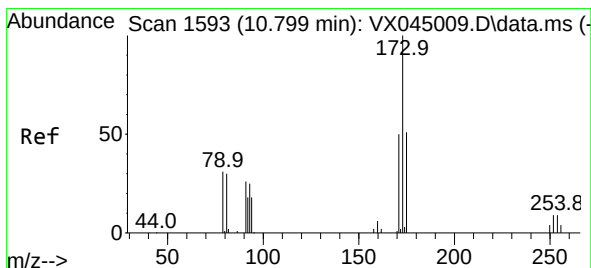
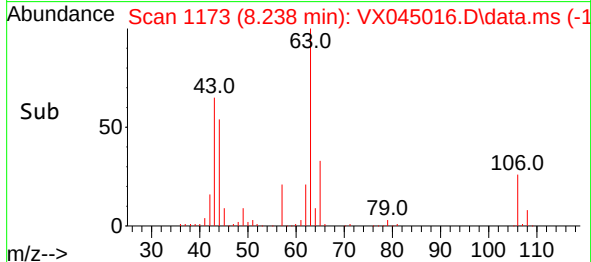
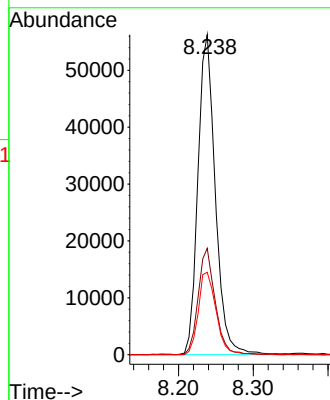
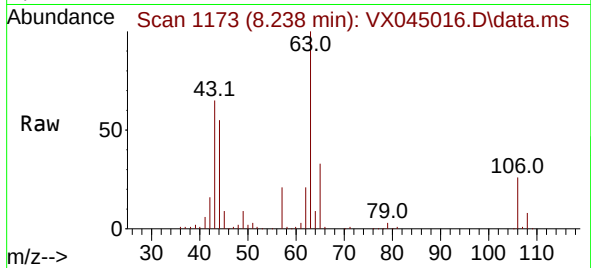
Ion	Ratio	Lower	Upper
63	100		
65	32.1	26.2	39.2
106	26.4	21.2	31.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#56

Bromoform

Concen: 19.148 ug/l

RT: 10.799 min Scan# 1593

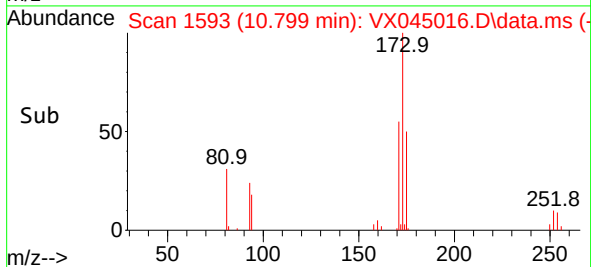
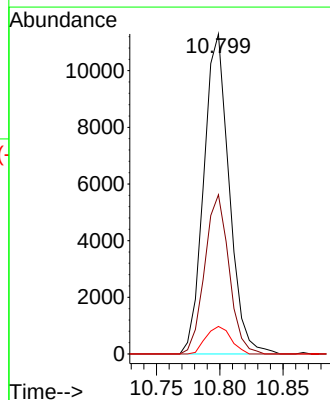
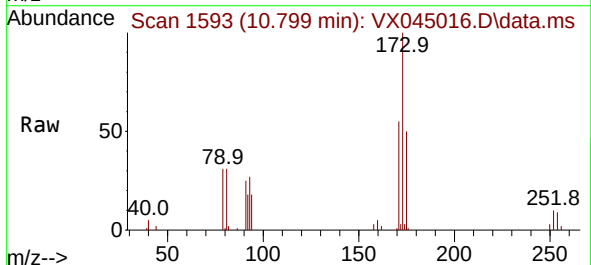
Delta R.T. -0.000 min

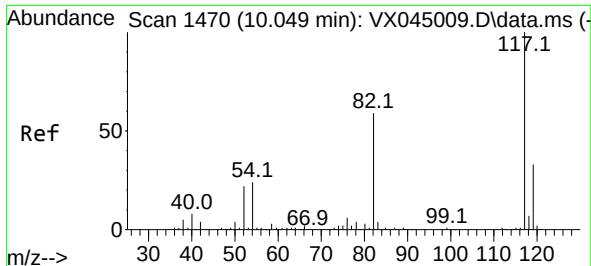
Lab File: VX045016.D

Acq: 21 Feb 2025 14:03

Tgt Ion:173 Resp: 15778

Ion	Ratio	Lower	Upper
173	100		
175	47.6	39.6	59.4
254	8.5	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: VX045016.D

Acq: 21 Feb 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

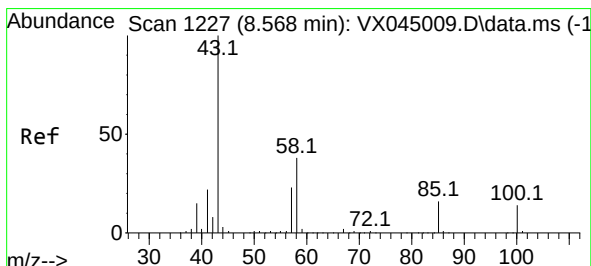
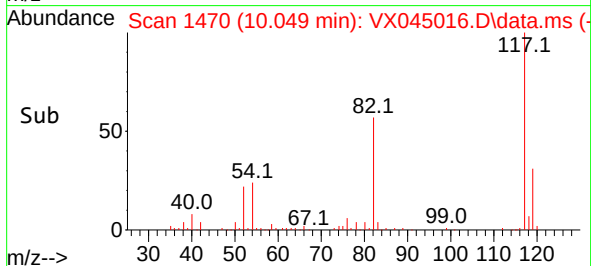
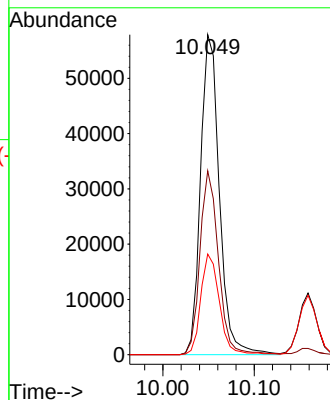
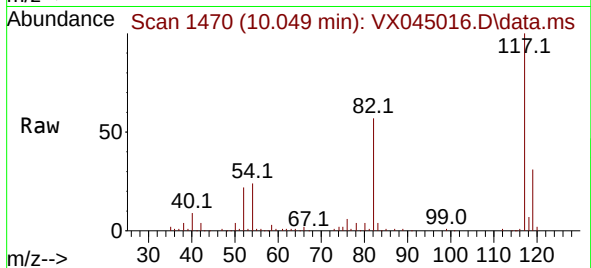
Tgt Ion:	117	Resp:	82790
Ion Ratio	Lower	Upper	
117	100		
82	56.6	45.8	68.8
119	30.8	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#58

4-Methyl-2-Pentanone

Concen: 103.382 ug/l

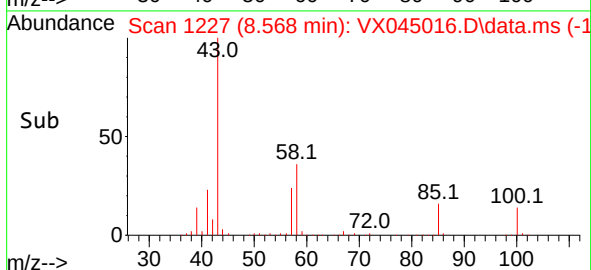
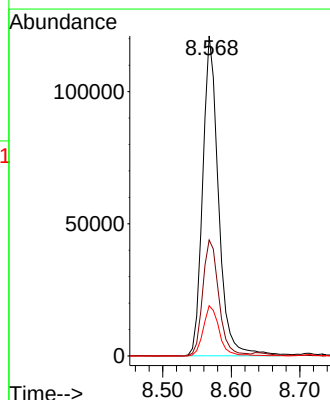
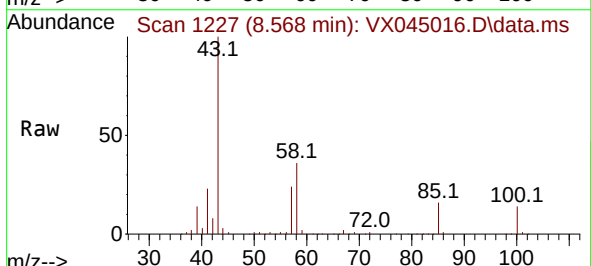
RT: 8.568 min Scan# 1227

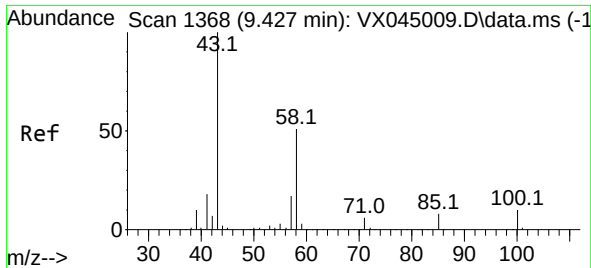
Delta R.T. -0.000 min

Lab File: VX045016.D

Acq: 21 Feb 2025 14:03

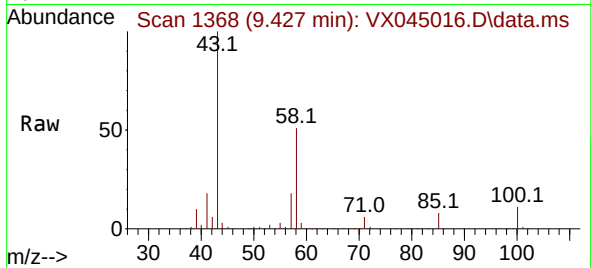
Tgt Ion:	43	Resp:	194714
Ion Ratio	Lower	Upper	
43	100		
58	37.1	29.5	44.3
85	15.5	12.9	19.3





#59
2-Hexanone
Concen: 105.944 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

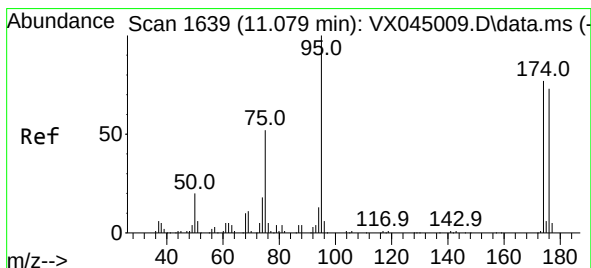
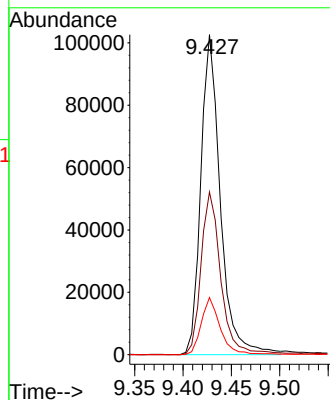
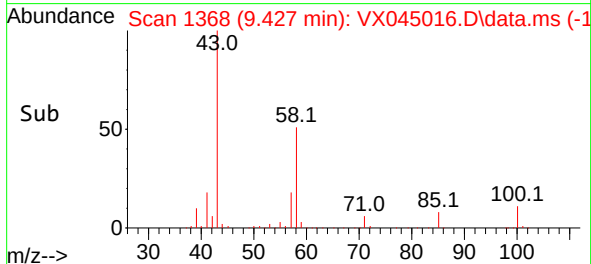
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01



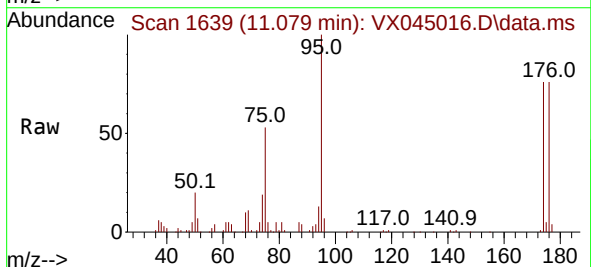
Tgt Ion: 43 Resp: 144228
Ion Ratio Lower Upper
43 100
58 51.5 41.6 62.4
57 17.4 13.8 20.6

Manual Integrations
APPROVED

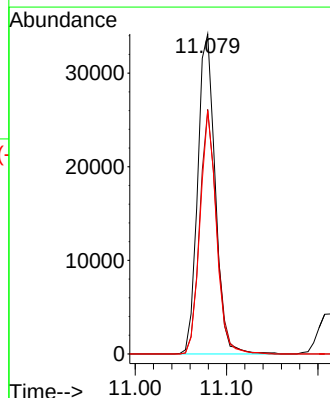
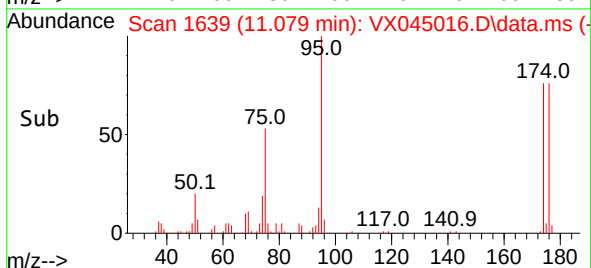
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

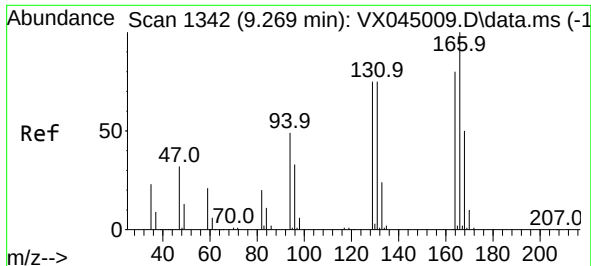


#60
4-Bromofluorobenzene
Concen: 29.467 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03



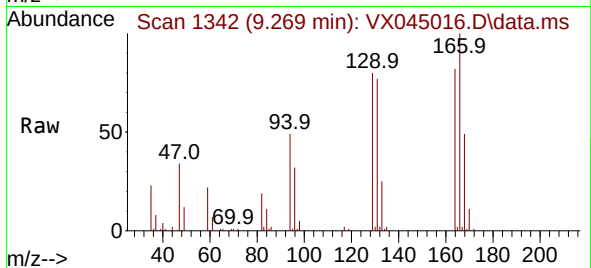
Tgt Ion: 95 Resp: 45602
Ion Ratio Lower Upper
95 100
174 73.8 59.5 89.3
176 71.0 55.5 83.3





#61
Tetrachloroethene
Concen: 19.482 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

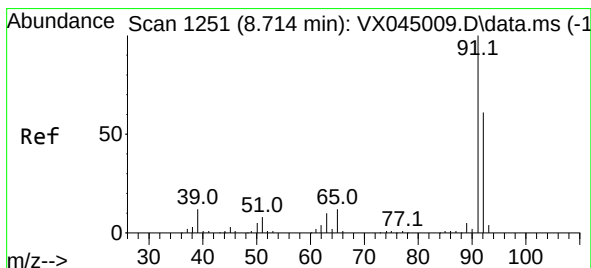
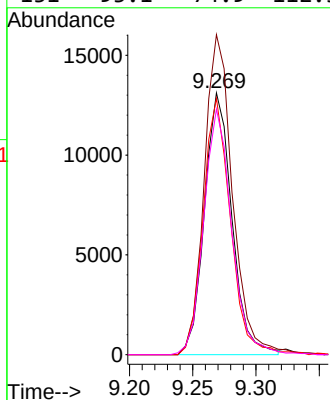
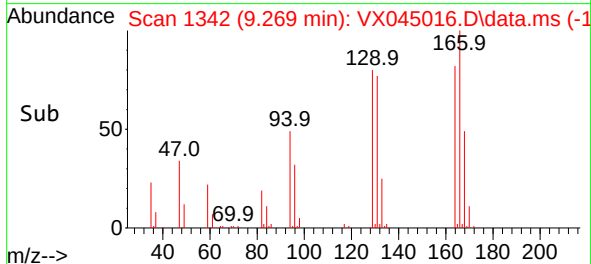
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01



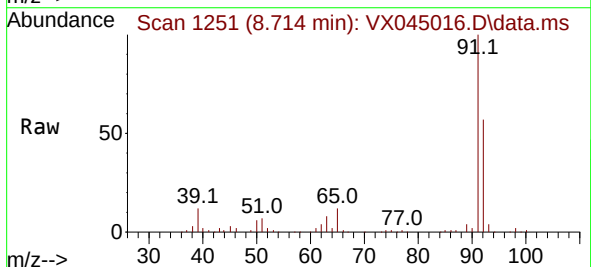
Tgt Ion:164 Resp: 1986
Ion Ratio Lower Upper
164 100
166 122.2 100.3 150.5
129 97.9 75.5 113.3
131 93.1 74.9 112.3

Manual Integrations
APPROVED

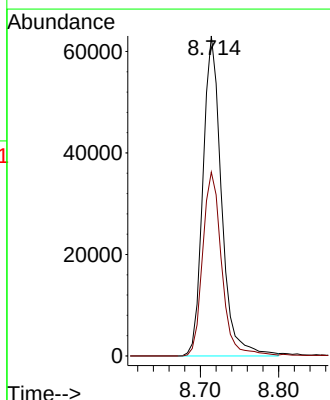
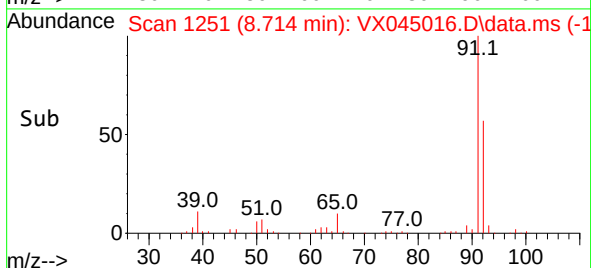
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

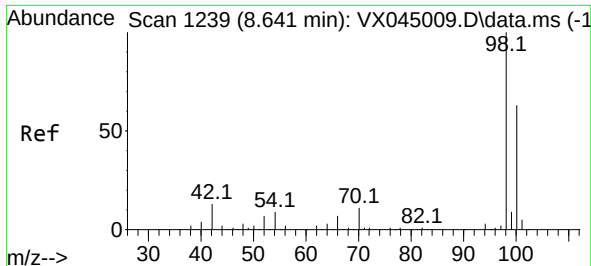


#62
Toluene
Concen: 18.959 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03



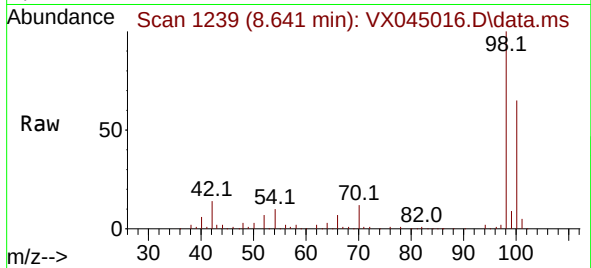
Tgt Ion: 91 Resp: 103985
Ion Ratio Lower Upper
91 100
92 58.6 46.9 70.3





#63
Toluene-d8
Concen: 29.264 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

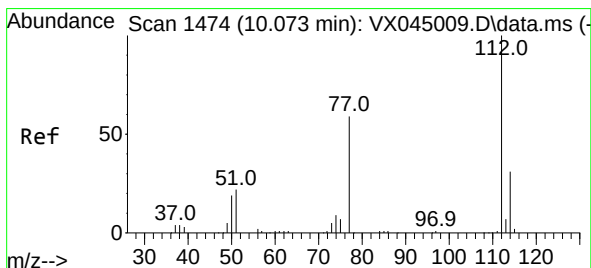
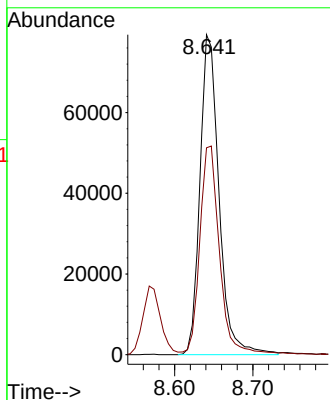
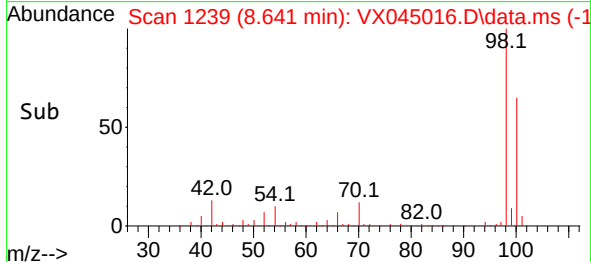
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01



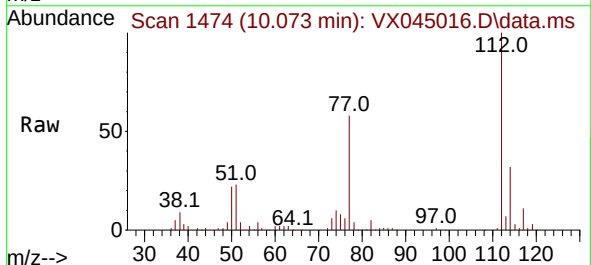
Tgt Ion: 98 Resp: 13404
Ion Ratio Lower Upper
98 100
100 66.5 51.7 77.5

Manual Integrations
APPROVED

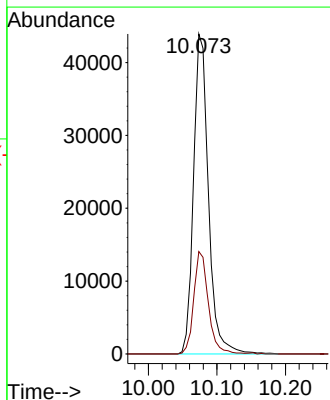
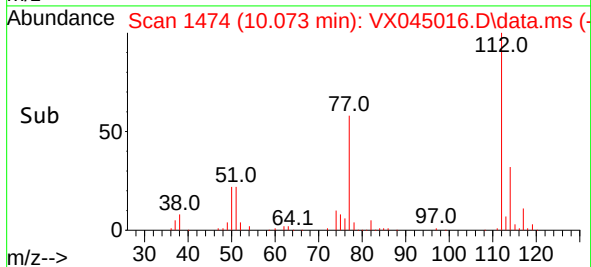
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

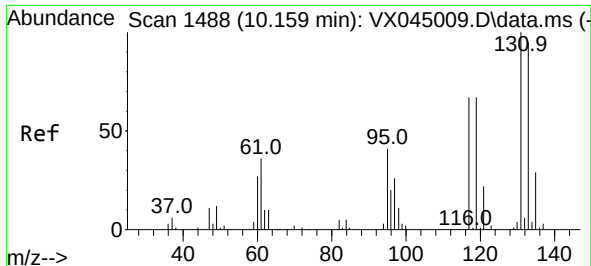


#64
Chlorobenzene
Concen: 19.582 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03



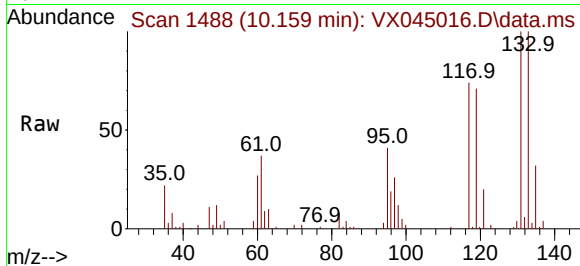
Tgt Ion:112 Resp: 66553
Ion Ratio Lower Upper
112 100
114 32.0 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 18.741 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

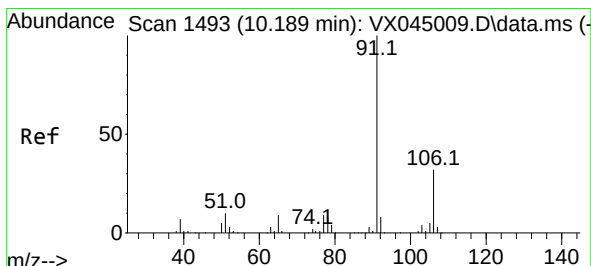
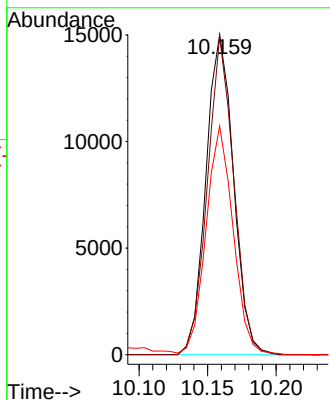
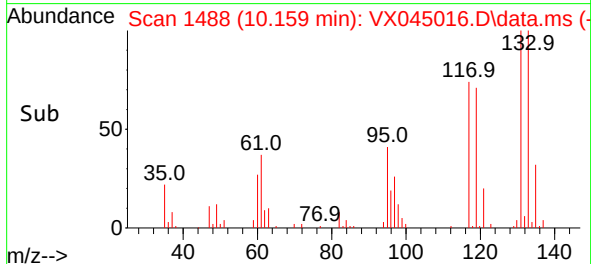
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01



Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.9	0.0	187.8
119	70.2	0.0	133.0

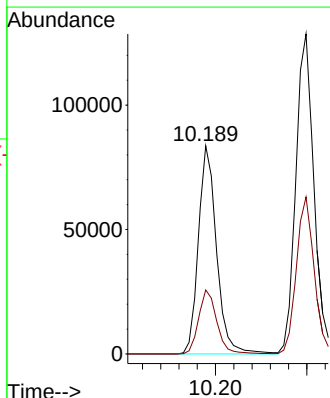
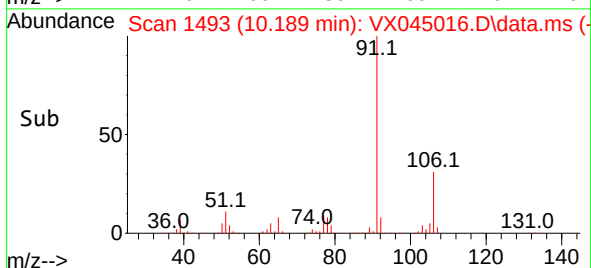
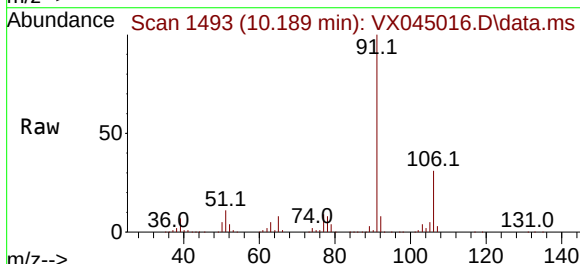
Manual Integrations
APPROVED

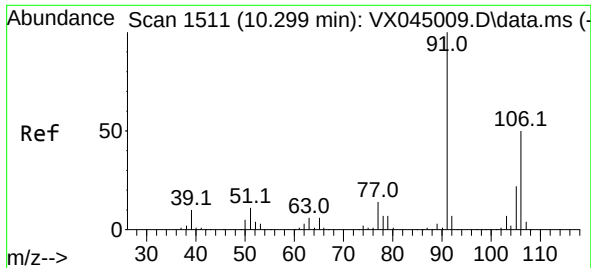
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#66
Ethyl Benzene
Concen: 19.302 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.8	25.4	38.2





#67

m/p-Xylenes

Concen: 39.037 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX045016.D

Acq: 21 Feb 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

Tgt Ion:106 Resp: 87330

Ion Ratio Lower Upper

106 100

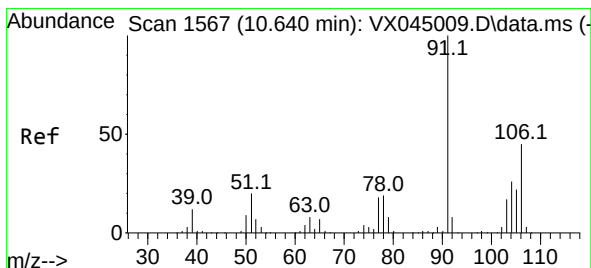
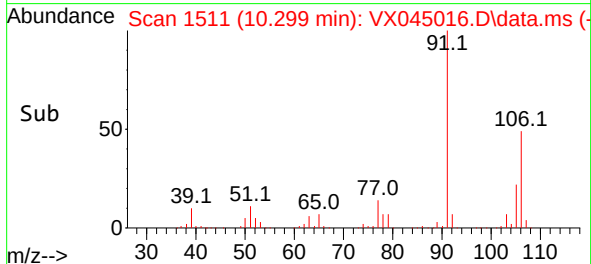
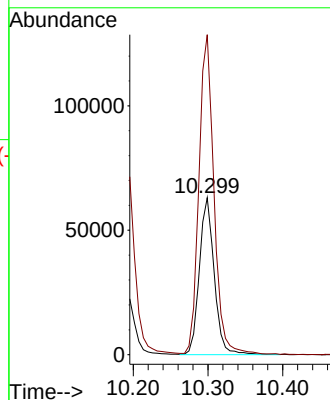
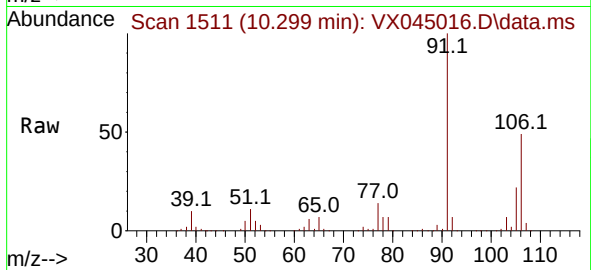
91 205.2 163.7 245.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#68

o-Xylene

Concen: 19.807 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX045016.D

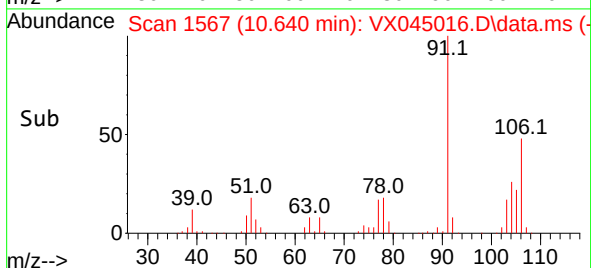
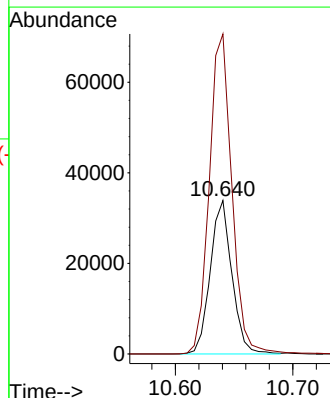
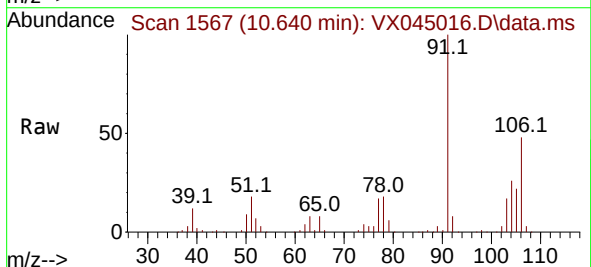
Acq: 21 Feb 2025 14:03

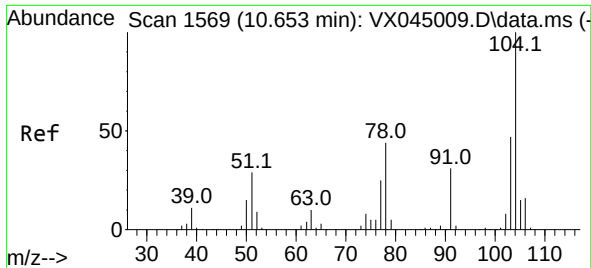
Tgt Ion:106 Resp: 43478

Ion Ratio Lower Upper

106 100

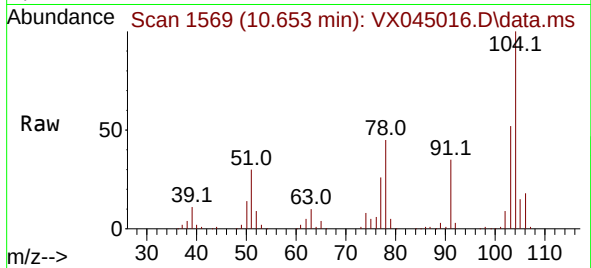
91 216.1 109.7 329.1





#69
Styrene
Concen: 19.529 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

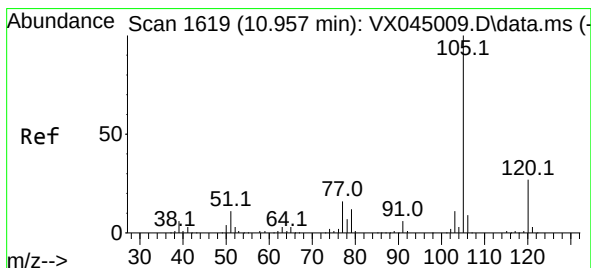
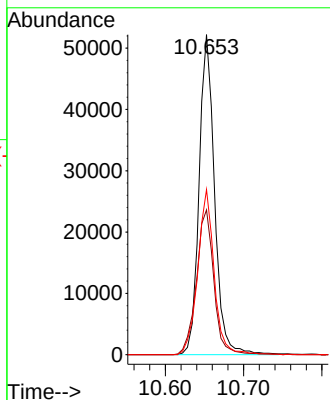
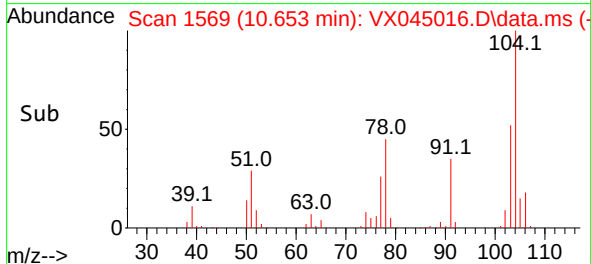
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01



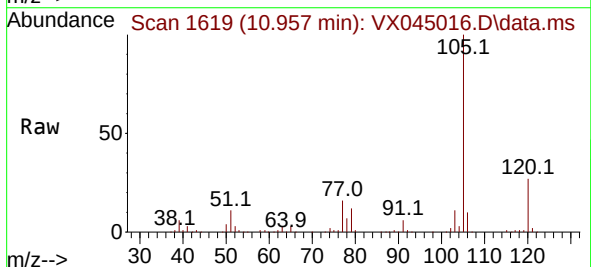
Tgt Ion:104 Resp: 71590
Ion Ratio Lower Upper
104 100
78 51.2 41.4 62.0
103 54.1 43.0 64.4

Manual Integrations
APPROVED

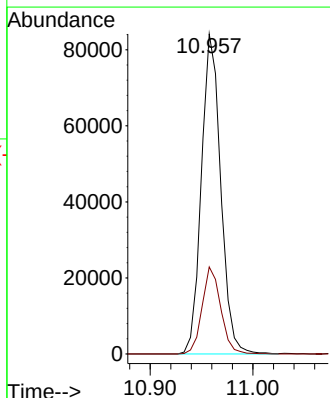
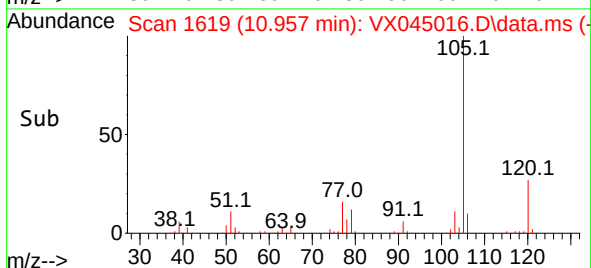
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

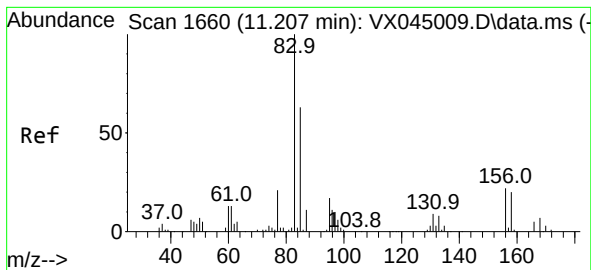


#70
Isopropylbenzene
Concen: 19.471 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03



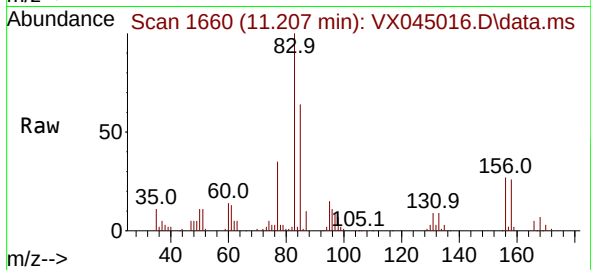
Tgt Ion:105 Resp: 110300
Ion Ratio Lower Upper
105 100
120 26.2 18.4 34.2





#71
1,1,2,2-Tetrachloroethane
Concen: 20.759 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

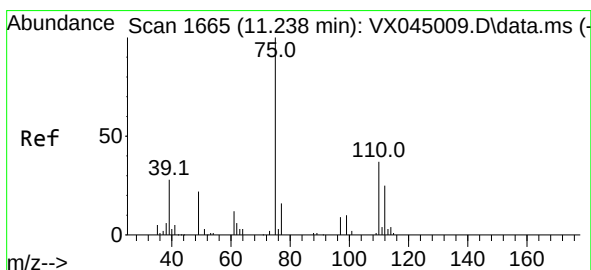
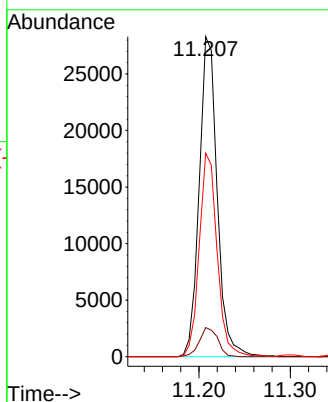
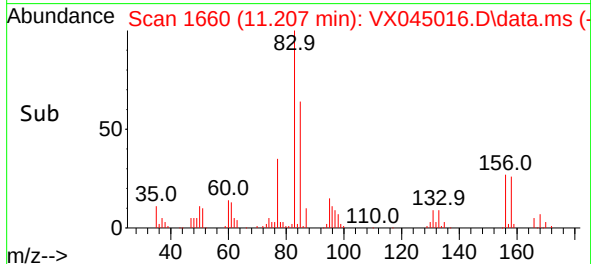
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01



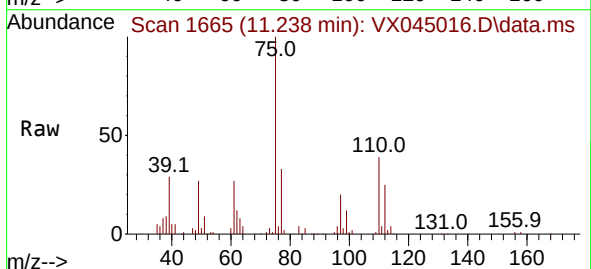
Tgt Ion: 83 Resp: 3866
Ion Ratio Lower Upper
83 100
131 9.3 4.8 14.3
85 62.9 32.3 96.8

Manual Integrations
APPROVED

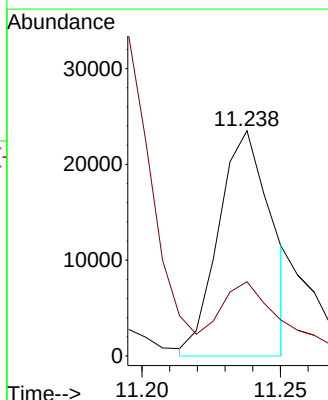
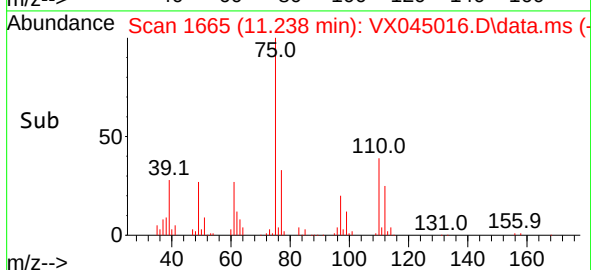
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

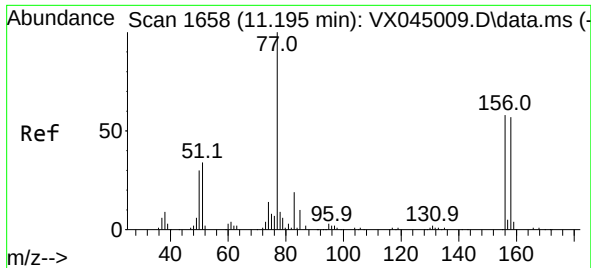


#72
1,2,3-Trichloropropane
Concen: 20.292 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03



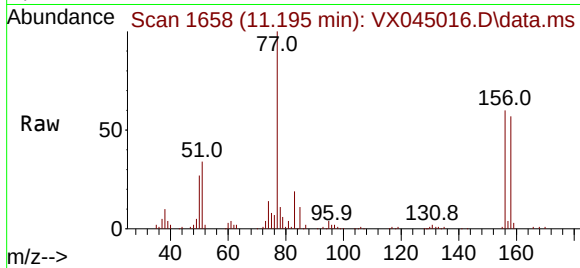
Tgt Ion: 75 Resp: 31090
Ion Ratio Lower Upper
75 100
77 40.2 0.0 84.0





#73
Bromobenzene
Concen: 19.672 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

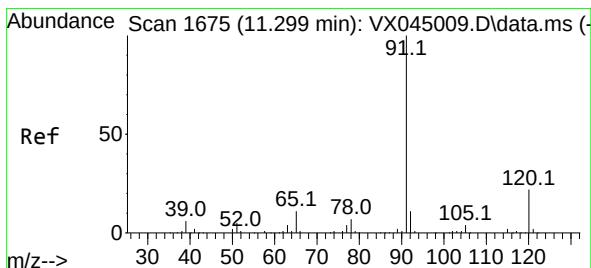
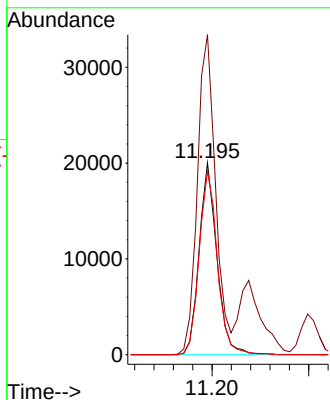
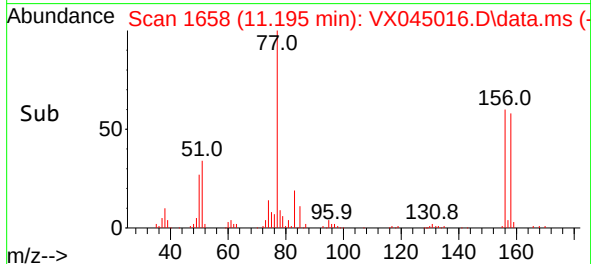
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01



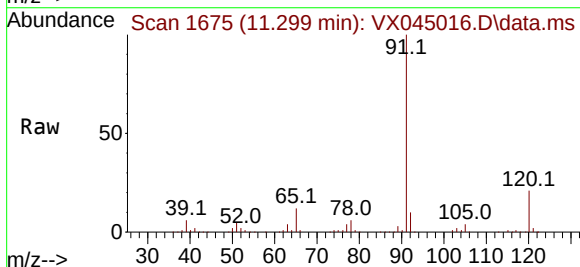
Tgt Ion:156 Resp: 2565
Ion Ratio Lower Upper
156 100
77 170.2 0.0 347.2
158 97.9 0.0 197.6

Manual Integrations
APPROVED

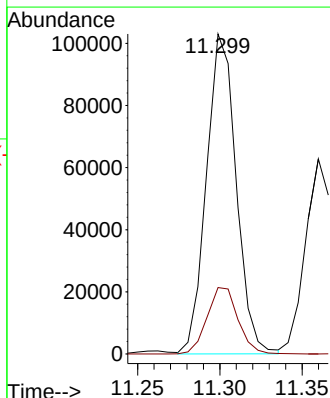
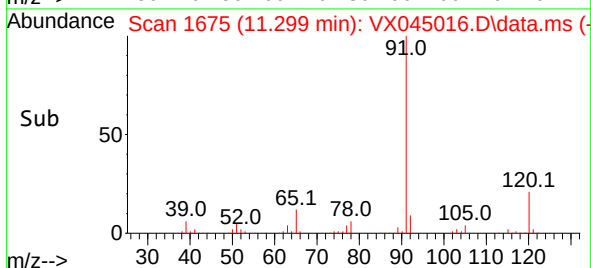
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

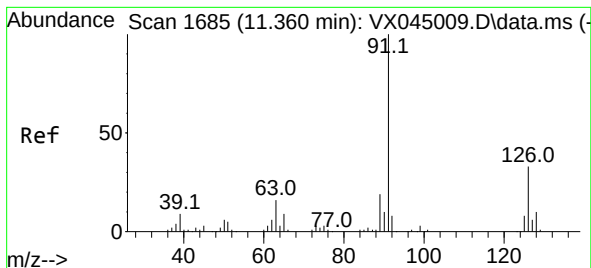


#74
n-propylbenzene
Concen: 19.222 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03



Tgt Ion: 91 Resp: 129578
Ion Ratio Lower Upper
91 100
120 21.6 0.0 44.2





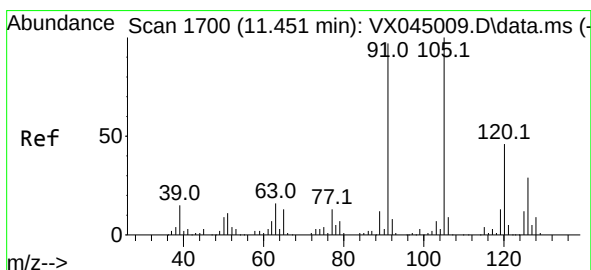
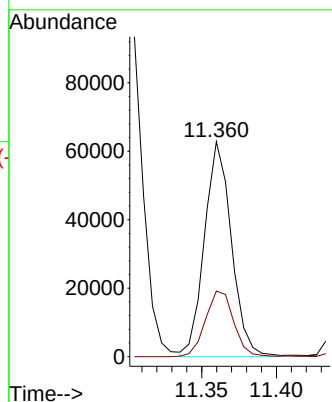
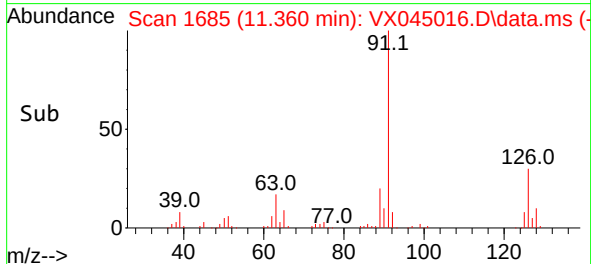
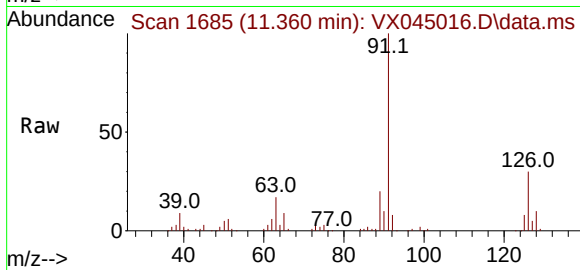
#75
2-Chlorotoluene
Concen: 19.332 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

Tgt Ion: 91 Resp: 7878
Ion Ratio Lower Upper
91 100
126 32.0 0.0 65.4

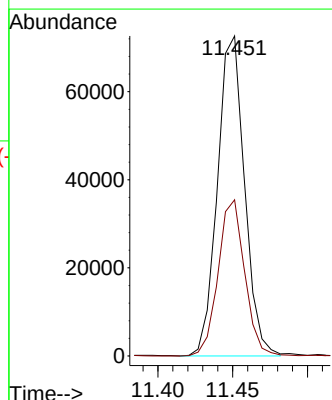
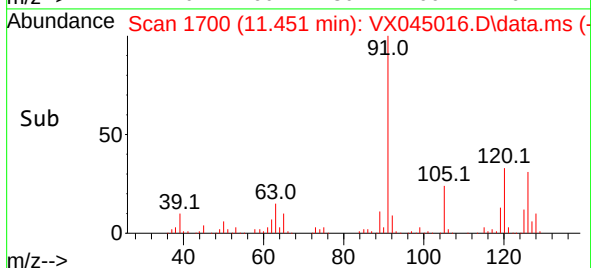
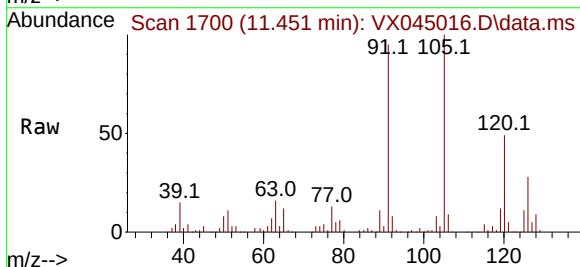
Manual Integrations
APPROVED

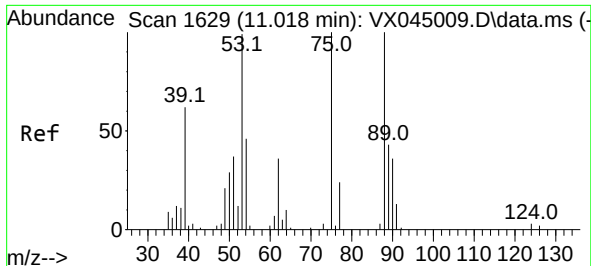
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.597 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

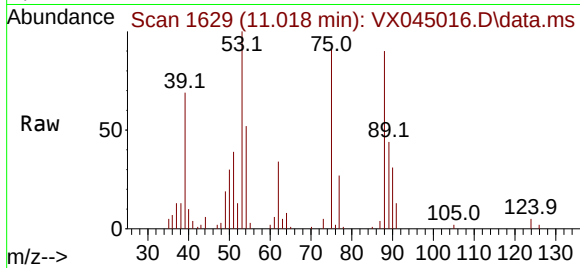
Tgt Ion:105 Resp: 91583
Ion Ratio Lower Upper
105 100
120 47.9 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 16.381 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

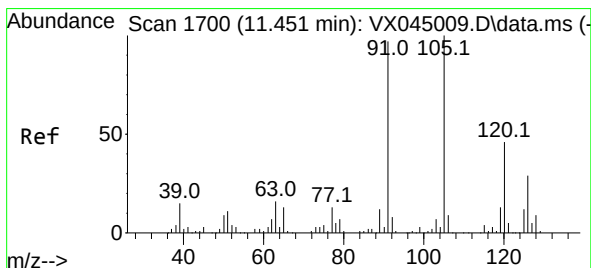
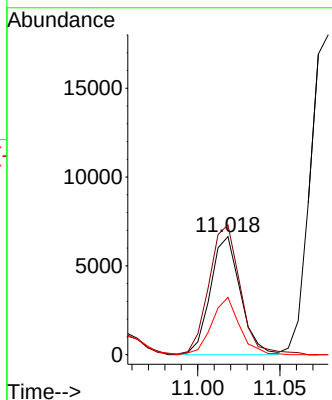
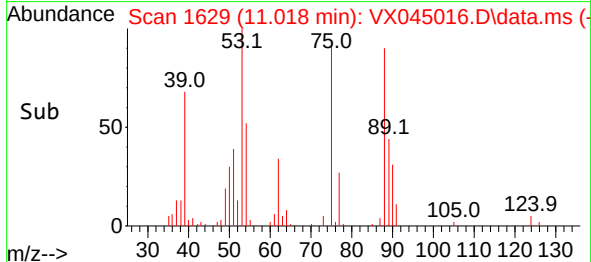
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01



Tgt Ion: 75 Resp: 844
Ion Ratio Lower Upper
75 100
53 109.2 49.8 149.4
89 48.6 21.4 64.2

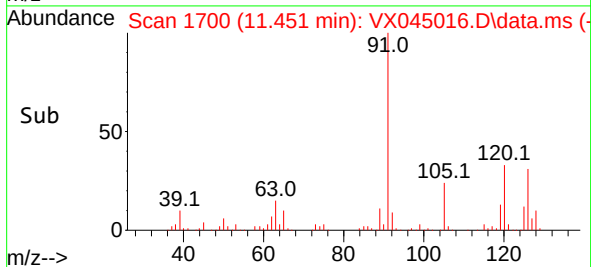
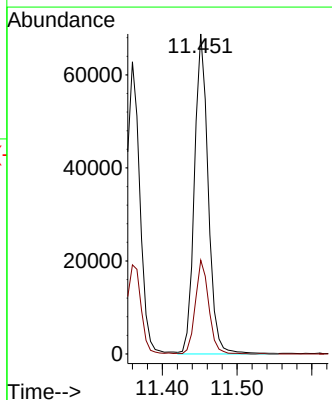
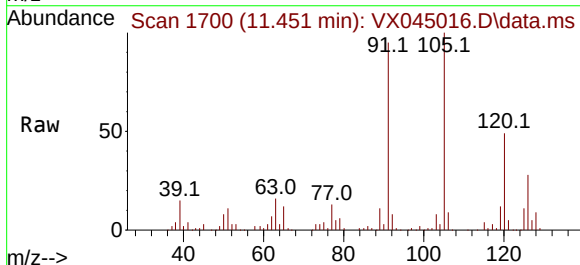
Manual Integrations
APPROVED

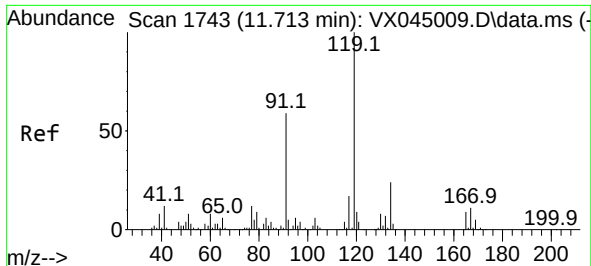
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#78
4-Chlorotoluene
Concen: 19.392 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

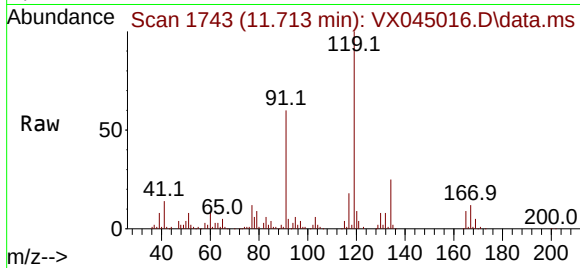
Tgt Ion: 91 Resp: 88096
Ion Ratio Lower Upper
91 100
126 27.9 0.0 58.0





#79
tert-butylbenzene
Concen: 19.815 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

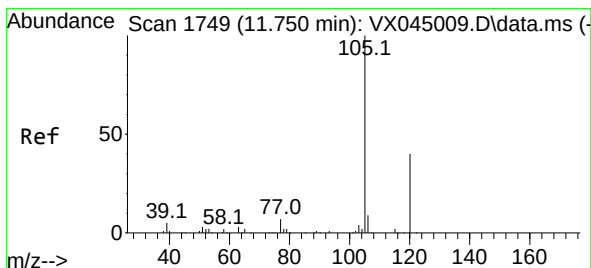
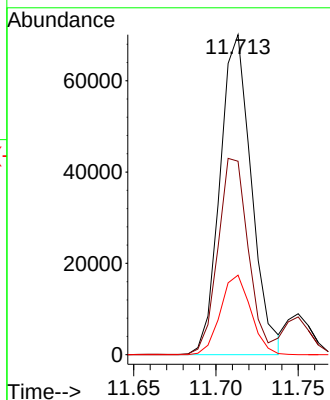
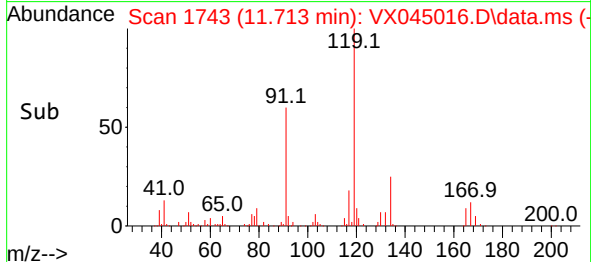
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01



Tgt Ion:119 Resp: 93304
Ion Ratio Lower Upper
119 100
91 58.9 0.0 120.6
134 24.0 0.0 48.2

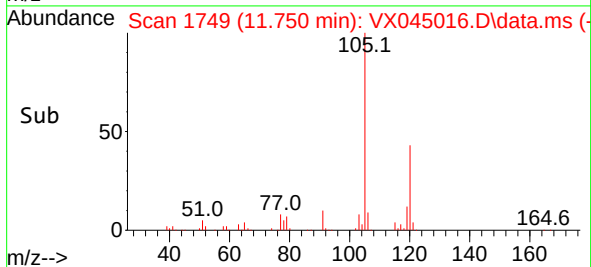
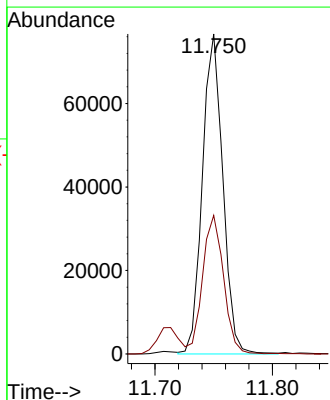
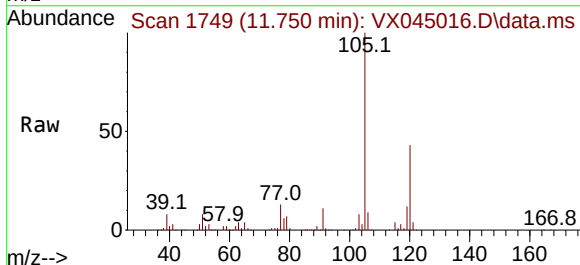
Manual Integrations
APPROVED

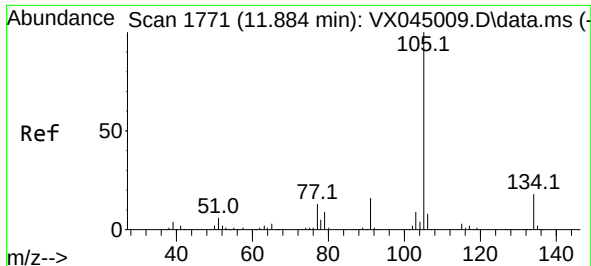
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#80
1,2,4-Trimethylbenzene
Concen: 19.716 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

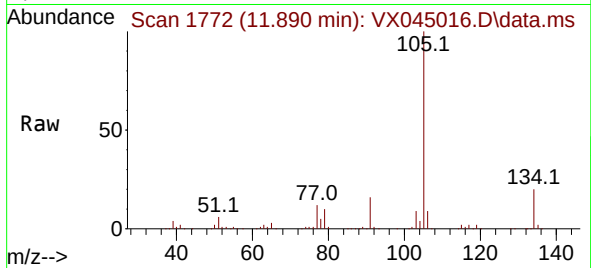
Tgt Ion:105 Resp: 92294
Ion Ratio Lower Upper
105 100
120 44.5 0.0 88.4





#81
 sec-Butylbenzene
 Concen: 19.318 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.006 min
 Lab File: VX045016.D
 Acq: 21 Feb 2025 14:03

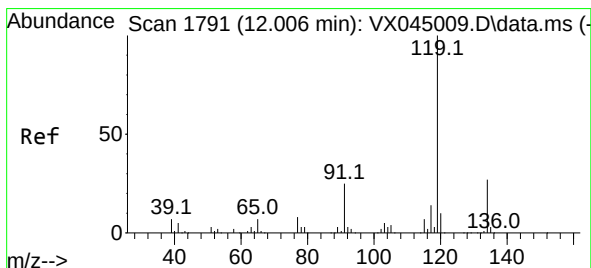
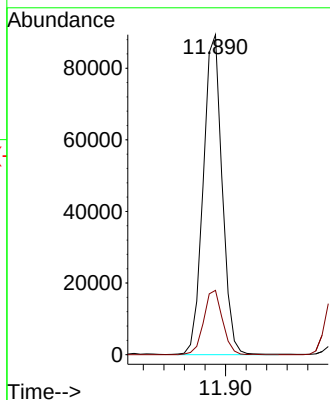
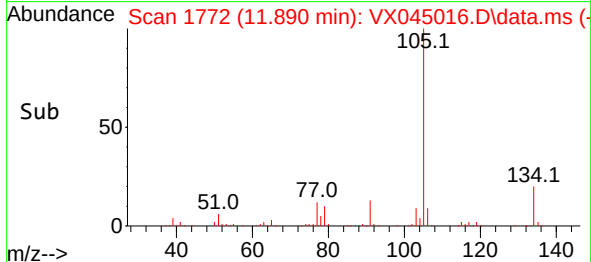
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBSD01



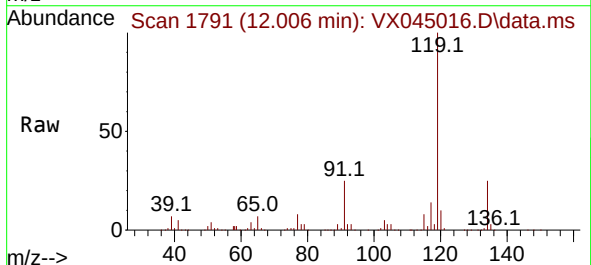
Tgt Ion:105 Resp: 114160
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 39.0

Manual Integrations
 APPROVED

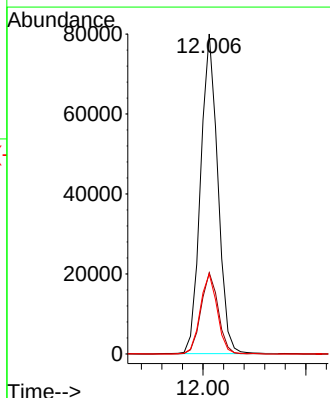
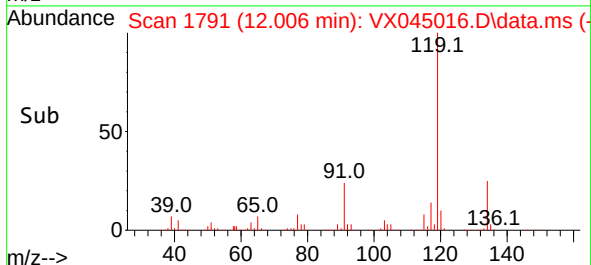
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025

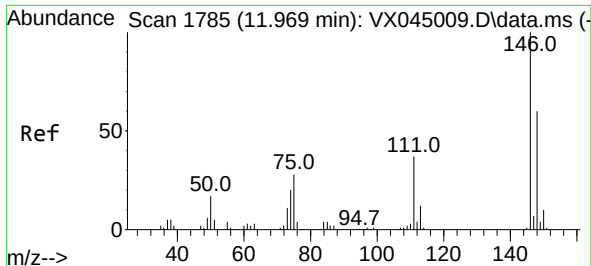


#82
 p-Isopropyltoluene
 Concen: 19.401 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045016.D
 Acq: 21 Feb 2025 14:03



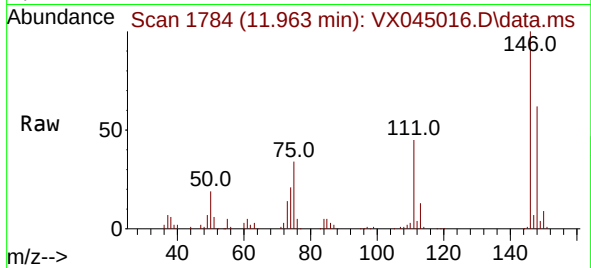
Tgt Ion:119 Resp: 92897
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 52.6
 91 24.8 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 19.209 ug/l
RT: 11.963 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

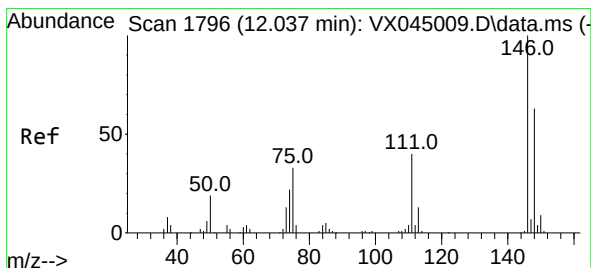
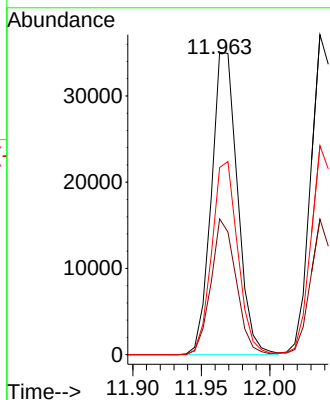
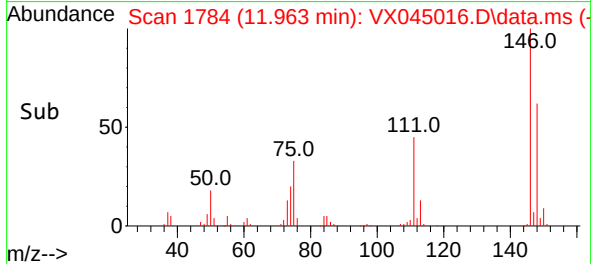
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01



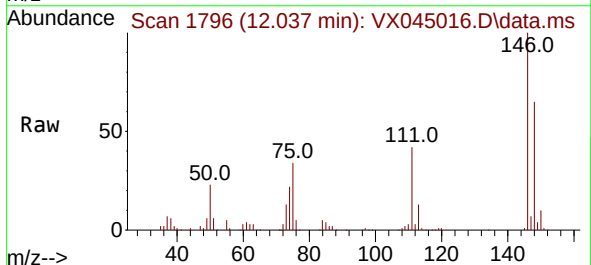
Tgt Ion:146 Resp: 46608
Ion Ratio Lower Upper
146 100
111 43.1 20.2 60.5
148 63.5 31.2 93.6

Manual Integrations
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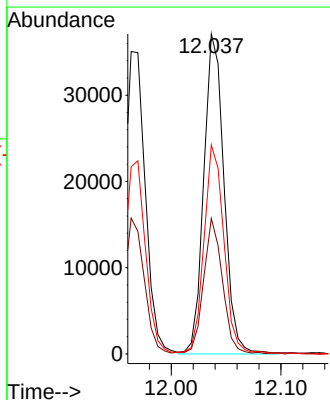
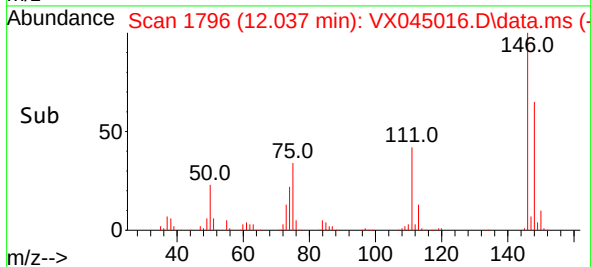
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

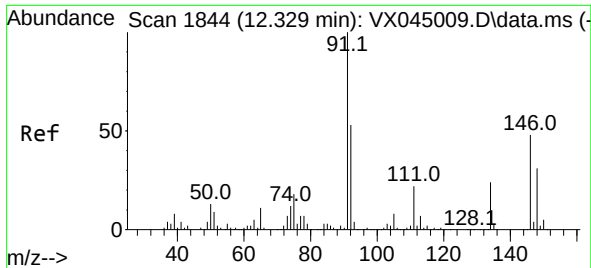


#84
1,4-Dichlorobenzene
Concen: 19.874 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03



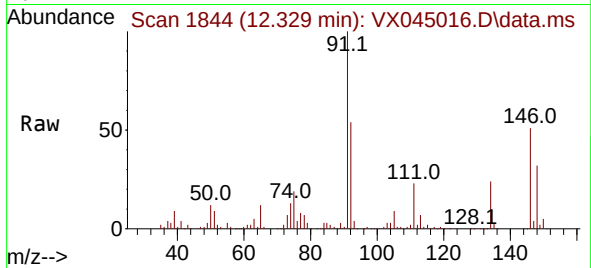
Tgt Ion:146 Resp: 47546
Ion Ratio Lower Upper
146 100
111 39.5 20.4 61.2
148 62.6 31.8 95.4





#85
n-Butylbenzene
Concen: 18.671 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

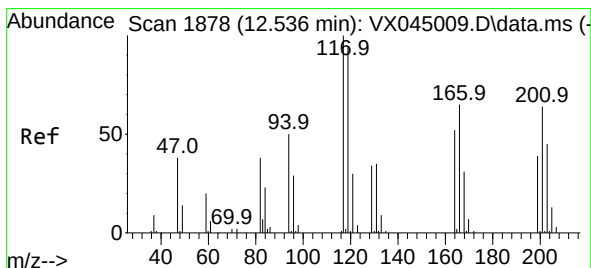
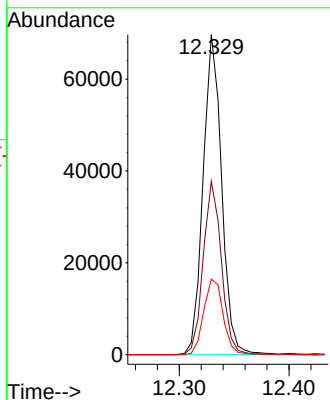
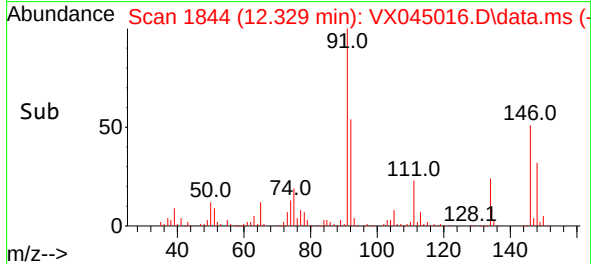
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01



Tgt Ion: 91 Resp: 8163
Ion Ratio Lower Upper
91 100
92 53.1 0.0 105.2
134 24.8 0.0 49.4

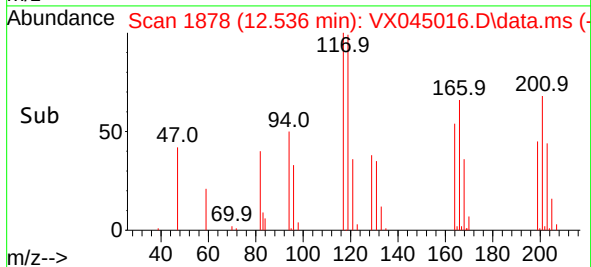
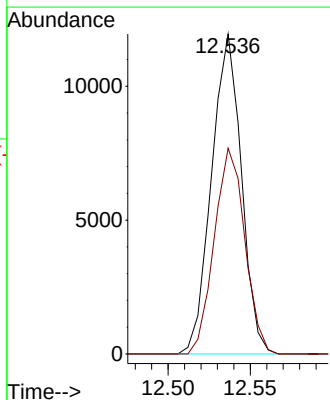
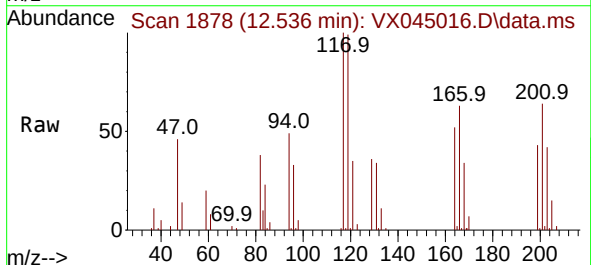
Manual Integrations
APPROVED

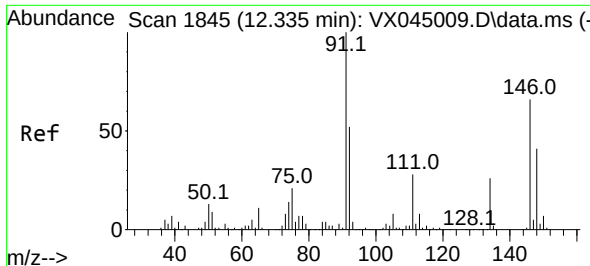
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#86
Hexachloroethane
Concen: 17.855 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

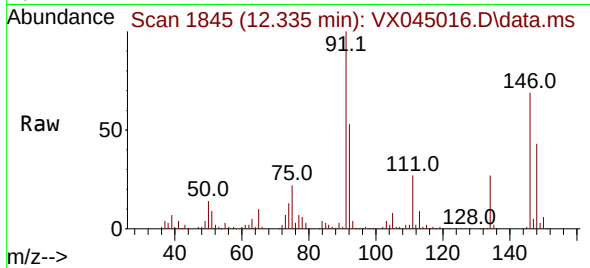
Tgt Ion:117 Resp: 15078
Ion Ratio Lower Upper
117 100
201 65.9 32.6 97.7





#87
1,2-Dichlorobenzene
Concen: 20.481 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

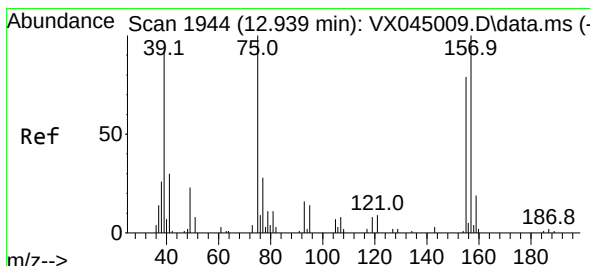
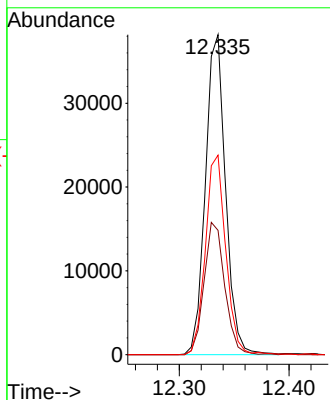
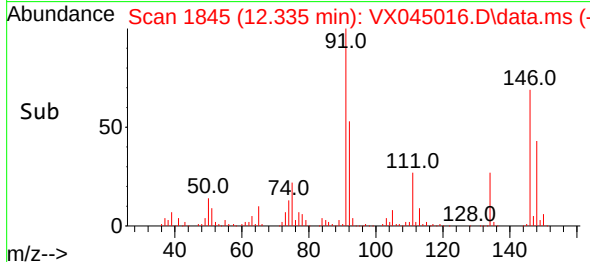
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01



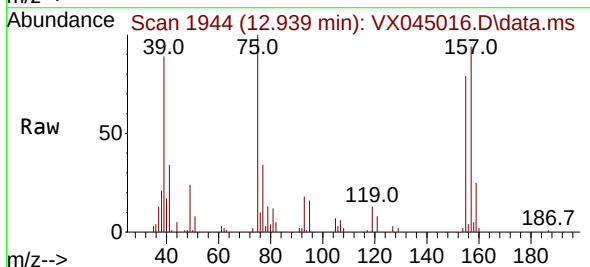
Tgt Ion:146 Resp: 48758
Ion Ratio Lower Upper
146 100
111 42.3 21.7 65.1
148 62.7 31.8 95.4

Manual Integrations
APPROVED

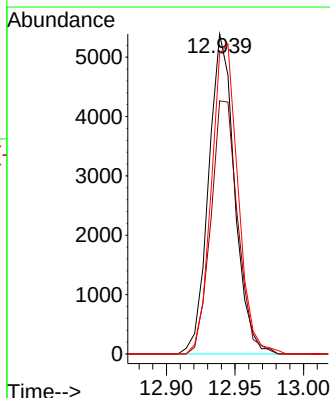
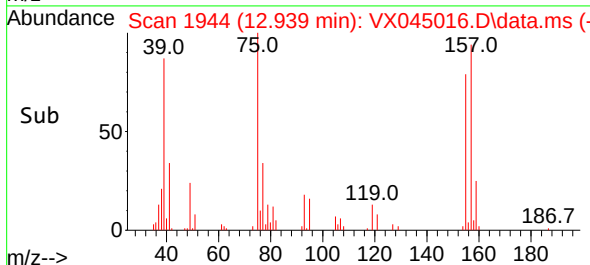
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

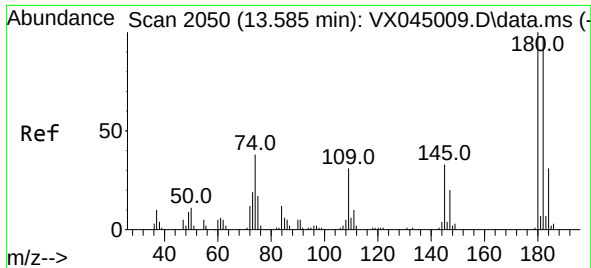


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.681 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03



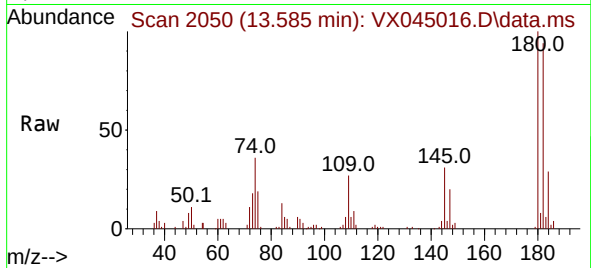
Tgt Ion: 75 Resp: 7098
Ion Ratio Lower Upper
75 100
155 81.7 66.2 99.4
157 99.2 81.4 122.2





#89
1,2,4-Trichlorobenzene
Concen: 19.122 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

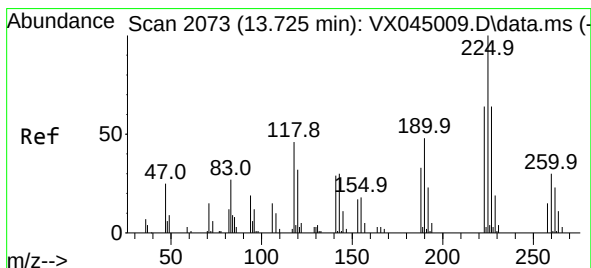
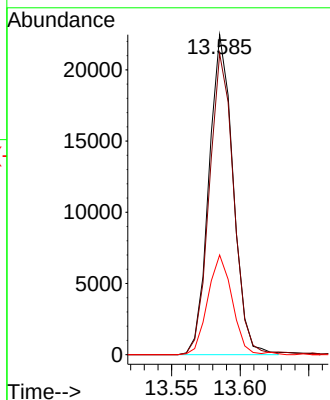
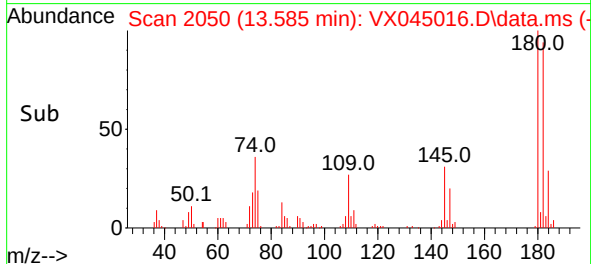
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01



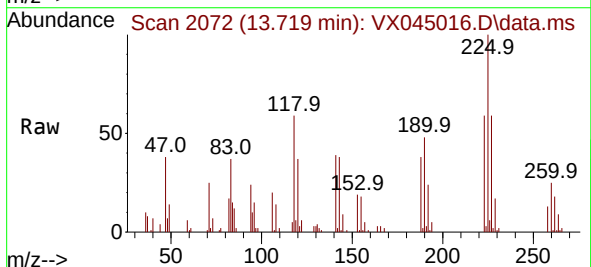
Tgt Ion:180 Resp: 2759
Ion Ratio Lower Upper
180 100
182 94.1 77.7 116.5
145 31.2 25.8 38.6

Manual Integrations
APPROVED

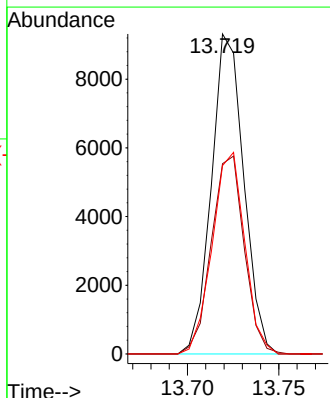
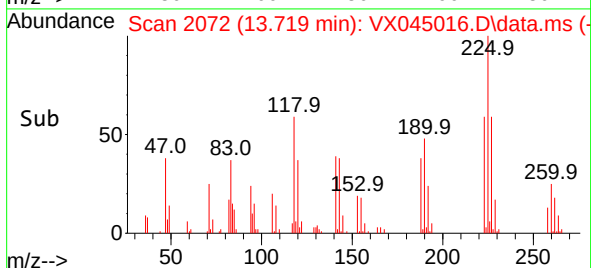
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

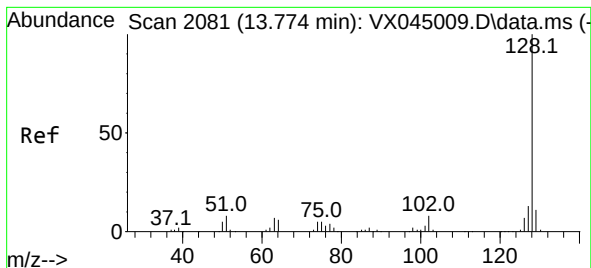


#90
Hexachlorobutadiene
Concen: 19.518 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03



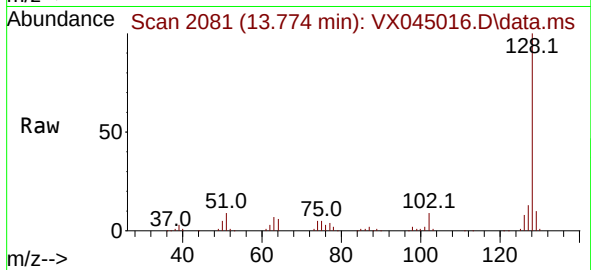
Tgt Ion:225 Resp: 11485
Ion Ratio Lower Upper
225 100
223 62.8 0.0 123.4
227 63.3 0.0 127.4





#91
Naphthalene
Concen: 19.542 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03

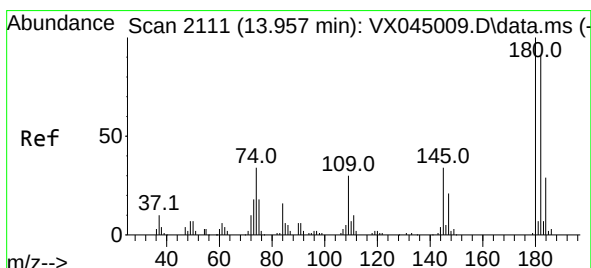
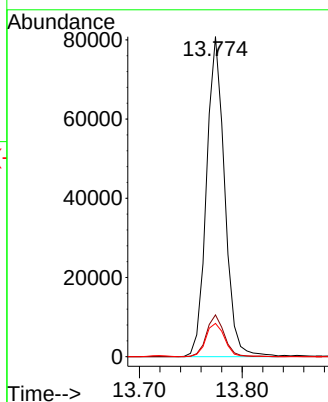
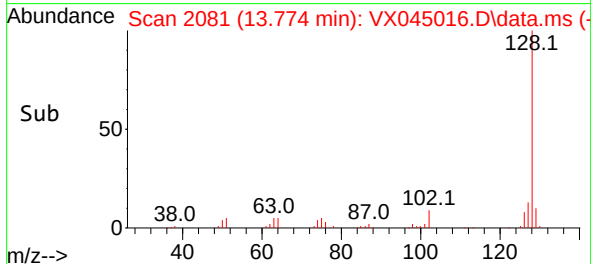
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01



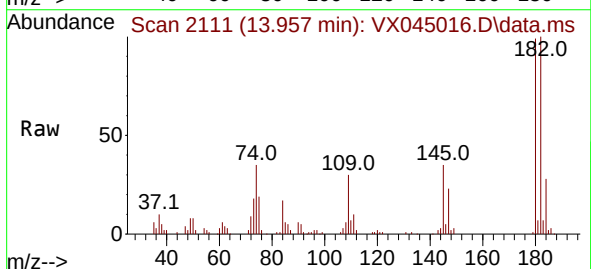
Tgt Ion:128 Resp: 9942
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#92
1,2,3-Trichlorobenzene
Concen: 19.063 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045016.D
Acq: 21 Feb 2025 14:03



Tgt Ion:180 Resp: 28318
Ion Ratio Lower Upper
180 100
182 94.5 0.0 186.6
145 34.5 0.0 68.4

