

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022625\
 Data File : VX045046.D
 Acq On : 26 Feb 2025 11:03
 Operator : JC/MD
 Sample : VX0226WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/27/2025
 Supervised By : Mahesh Dadoda 02/27/2025

Quant Time: Feb 27 05:11:48 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	4.897	128	16155	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	6.757	114	85912	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	79610	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	46599	29.699	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	99.000%	
60) 4-Bromofluorobenzene	11.079	95	44246	29.735	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	99.100%	
63) Toluene-d8	8.647	98	131437	29.844	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	99.467%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	24628	18.084	ug/l	93
3) Chloromethane	1.307	50	28567	17.514	ug/l	98
4) Vinyl Chloride	1.374	62	26950	17.123	ug/l	98
5) Bromomethane	1.599	94	11060	20.187	ug/l	98
6) Chloroethane	1.678	64	15829	18.569	ug/l	95
7) Trichlorofluoromethane	1.880	101	39521	18.682	ug/l	96
8) Diethyl Ether	2.130	74	14714	18.384	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	23879	19.006	ug/l	98
10) 1,1-Dichloroethene	2.312	96	22559	18.382	ug/l	94
11) Methyl Iodide	2.447	142	25358	18.256	ug/l	98
12) Methyl Acetate	2.703	43	32831	23.038	ug/l	97
13) Acrolein	2.233	56	37437	131.061	ug/l	98
14) Acrylonitrile	3.062	53	77639	111.536	ug/l	100
15) Acetone	2.380	58	21369	111.933	ug/l	96
16) Carbon Disulfide	2.508	76	58279	16.742	ug/l	98
17) Allyl chloride	2.660	41	42555	18.540	ug/l	98
18) Methylene Chloride	2.782	84	25680	18.604	ug/l	95
19) trans-1,2-Dichloroethene	3.087	96	22438	18.072	ug/l	93
20) Diisopropyl ether	3.757	45	83747	18.987	ug/l	91
21) 1,1-Dichloroethane	3.605	63	45883	18.704	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	27544	18.513	ug/l	99
23) tert-Butyl Alcohol	2.959	59	28023	115.317	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	77091	19.247	ug/l	99
25) Chloroform	5.086	83	44887	18.944	ug/l	96
26) Cyclohexane	5.458	56	40938	18.080	ug/l #	100
29) 1,1-Dichloropropene	5.690	75	30295	19.170	ug/l	99
30) 2-Butanone	4.550	43	108781	119.171	ug/l	99
31) 2,2-Dichloropropane	4.465	77	33410	18.696	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	37740	19.709	ug/l	97
33) Carbon Tetrachloride	5.672	117	31291	19.363	ug/l	94
34) Benzene	6.031	78	96096	19.390	ug/l	99
35) Methacrylonitrile	4.916	41	22011	22.534	ug/l	93
36) 1,2-Dichloroethane	6.080	62	35302	20.806	ug/l	97
37) Trichloroethene	7.116	130	22001	18.976	ug/l	100
38) Methylcyclohexane	7.373	83	39411	18.573	ug/l	99
39) 1,2-Dichloropropane	7.421	63	23946	19.435	ug/l	97
40) Dibromomethane	7.580	93	18644	21.086	ug/l	99
41) Bromodichloromethane	7.818	83	35273	20.072	ug/l	99
42) Vinyl Acetate	3.715	43	358924	101.328	ug/l	100

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 Misc : 5.0mL/MSVOA_X/WATER
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Quant Time: Feb 27 05:11:48 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
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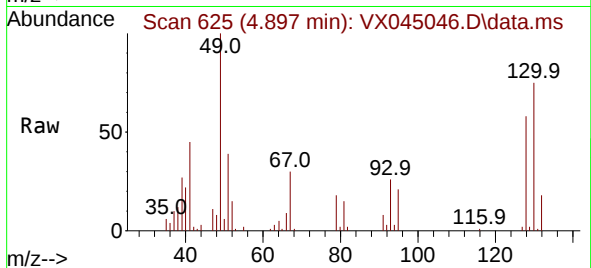
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	40710	23.782	ug/l	97
44) Isopropyl Acetate	6.336	43	61094	21.684	ug/l	97
45) 1,4-Dioxane	7.659	88	14265	487.051	ug/l	98
46) Methyl methacrylate	7.696	41	30147	21.822	ug/l	95
47) n-amyl Acetate	10.841	43	51556	21.088	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	31470	18.579	ug/l	98
49) cis-1,3-Dichloropropene	8.360	75	36715	19.148	ug/l	99
50) 1,1,2-Trichloroethane	9.147	97	23844	20.675	ug/l	91
51) Ethyl methacrylate	9.116	69	36135	19.922	ug/l	97
52) 1,3-Dichloropropane	9.305	76	42144	20.855	ug/l	99
53) Dibromochloromethane	9.518	129	25580	20.054	ug/l	97
54) 1,2-Dibromoethane	9.604	107	24411	20.844	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	89087	95.644	ug/l	100
56) Bromoform	10.799	173	17098	21.392	ug/l	97
58) 4-Methyl-2-Pentanone	8.567	43	212120	117.131	ug/l	99
59) 2-Hexanone	9.427	43	158291	120.927	ug/l	100
61) Tetrachloroethene	9.269	164	19076	19.459	ug/l	95
62) Toluene	8.714	91	101566	19.259	ug/l	98
64) Chlorobenzene	10.079	112	64173	19.637	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	21144	19.608	ug/l	97
66) Ethyl Benzene	10.189	91	110313	19.106	ug/l	97
67) m/p-Xylenes	10.299	106	83507	38.819	ug/l	98
68) o-Xylene	10.640	106	41098	19.472	ug/l	99
69) Styrene	10.652	104	70013	19.861	ug/l	98
70) Isopropylbenzene	10.957	105	107601	19.755	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.207	83	39487	22.047	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	32477m	22.046	ug/l	
73) Bromobenzene	11.195	156	25855	20.620	ug/l	94
74) n-propylbenzene	11.299	91	123853	19.108	ug/l	100
75) 2-Chlorotoluene	11.360	91	76774	19.592	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	88797	19.761	ug/l	97
77) t-1,4-Dichloro-2-butene	11.018	75	10420	21.024	ug/l	91
78) 4-Chlorotoluene	11.451	91	84767	19.406	ug/l	100
79) tert-butylbenzene	11.713	119	90101	19.901	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	89135	19.803	ug/l	99
81) sec-Butylbenzene	11.890	105	111434	19.611	ug/l	100
82) p-Isopropyltoluene	12.006	119	90700	19.700	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	46631	19.988	ug/l	99
84) 1,4-Dichlorobenzene	12.036	146	46137	20.057	ug/l	98
85) n-Butylbenzene	12.329	91	78874	18.761	ug/l	99
86) Hexachloroethane	12.536	117	15556	19.159	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	48179	21.047	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	7726	22.279	ug/l	96
89) 1,2,4-Trichlorobenzene	13.585	180	26121	18.828	ug/l	99
90) Hexachlorobutadiene	13.725	225	11572	20.453	ug/l	99
91) Naphthalene	13.774	128	100826	20.611	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	27347	19.147	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

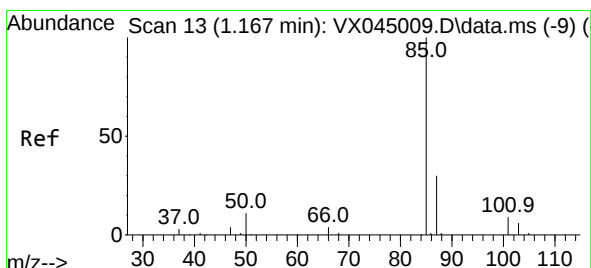
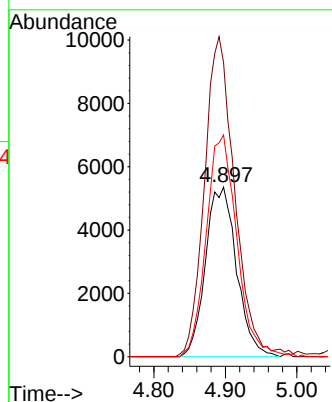
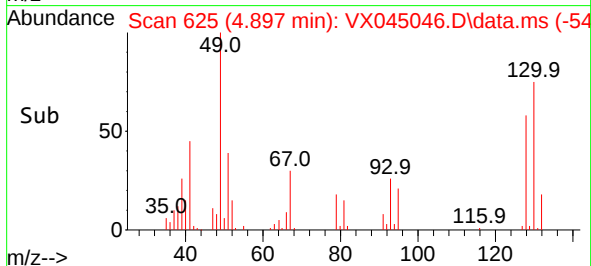
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01



Tgt Ion:128 Resp: 1615
Ion Ratio Lower Upper
128 100
49 181.8 0.0 449.7
130 128.8 0.0 312.7

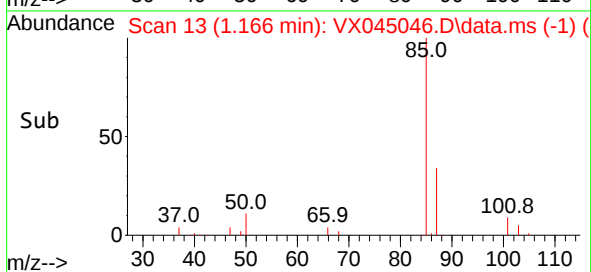
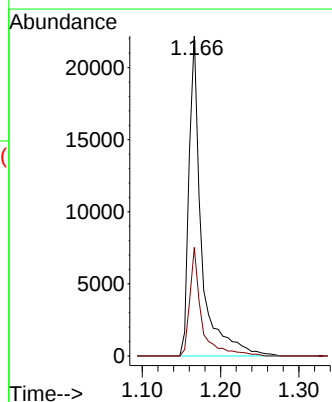
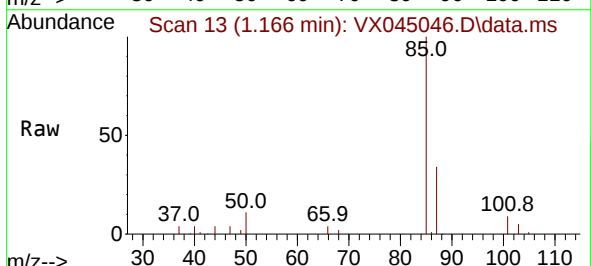
Manual Integrations
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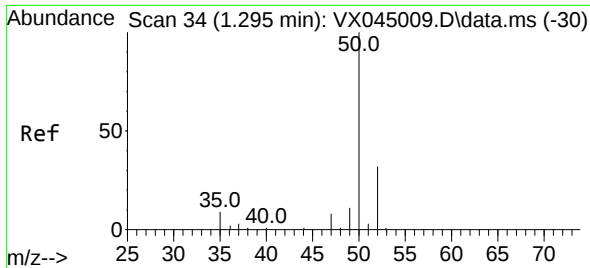
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#2
Dichlorodifluoromethane
Concen: 18.084 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

Tgt Ion: 85 Resp: 24628
Ion Ratio Lower Upper
85 100
87 33.9 15.1 45.3





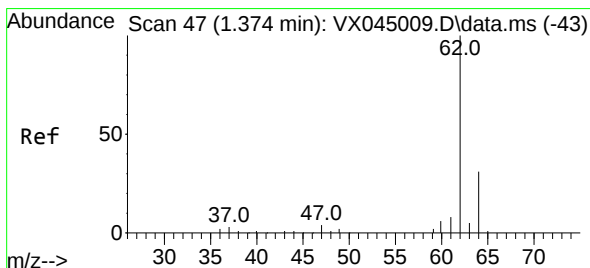
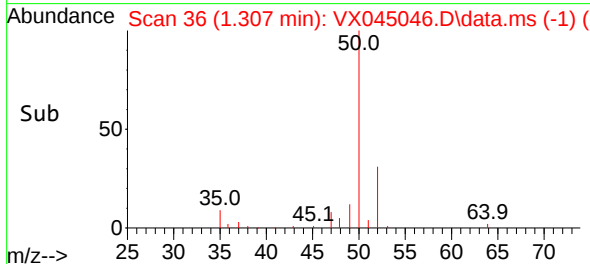
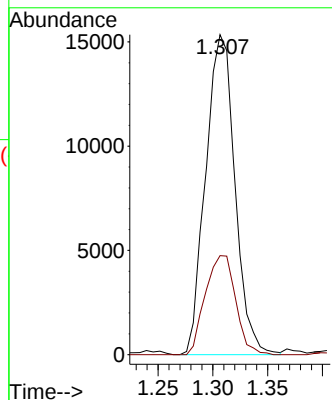
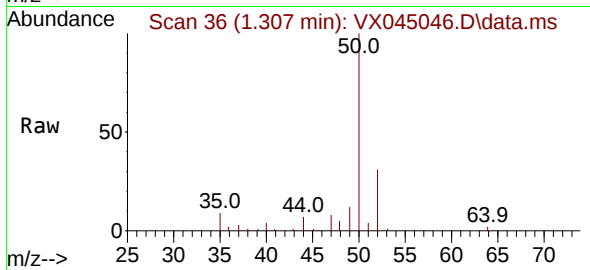
#3
Chloromethane
Concen: 17.514 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.012 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01

Tgt Ion: 50 Resp: 2856
Ion Ratio Lower Upper
50 100
52 30.9 25.7 38.5

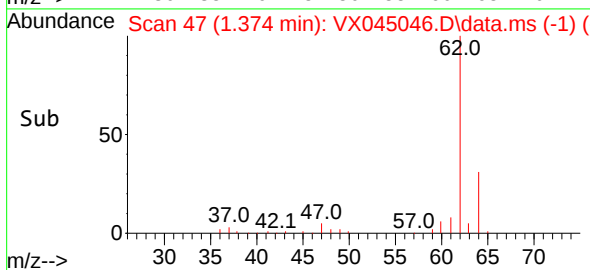
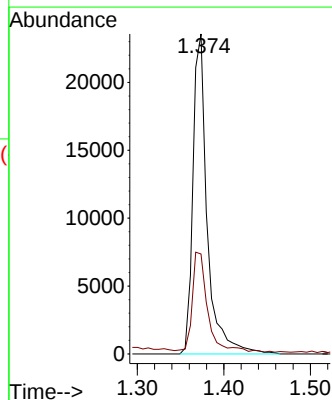
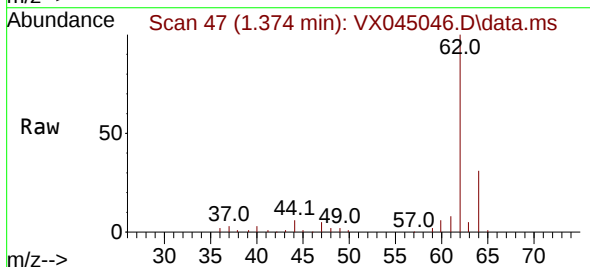
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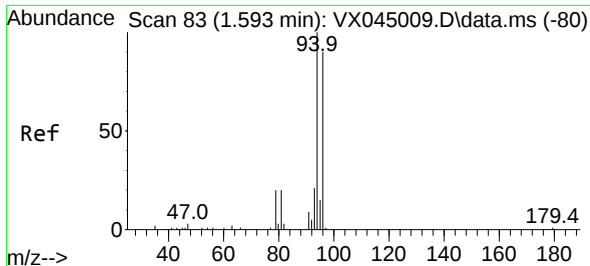
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#4
Vinyl Chloride
Concen: 17.123 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

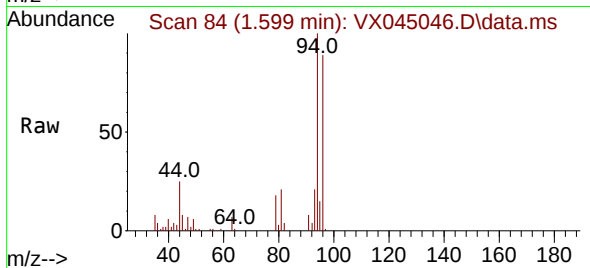
Tgt Ion: 62 Resp: 26950
Ion Ratio Lower Upper
62 100
64 30.5 25.1 37.7





#5
Bromomethane
Concen: 20.187 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

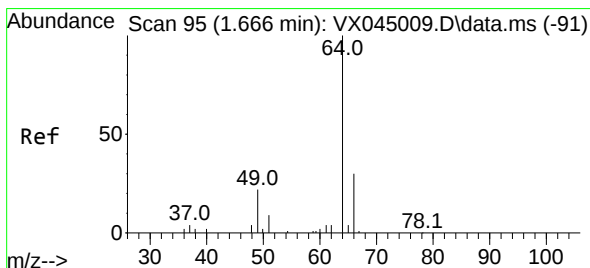
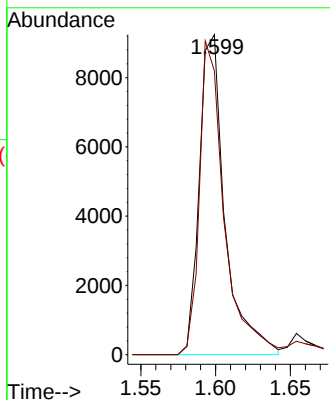
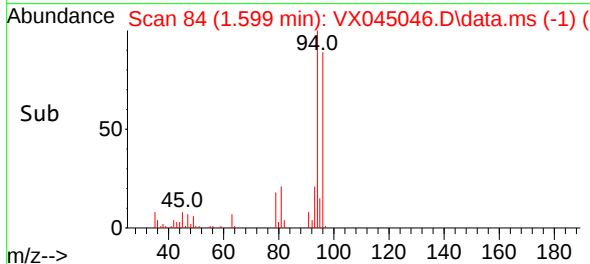
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01



Tgt Ion: 94 Resp: 11060
Ion Ratio Lower Upper
94 100
96 88.7 72.2 108.4

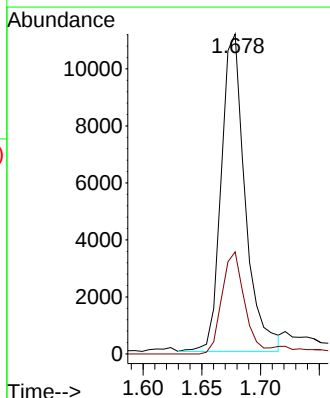
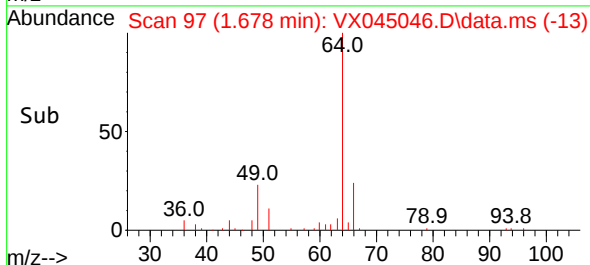
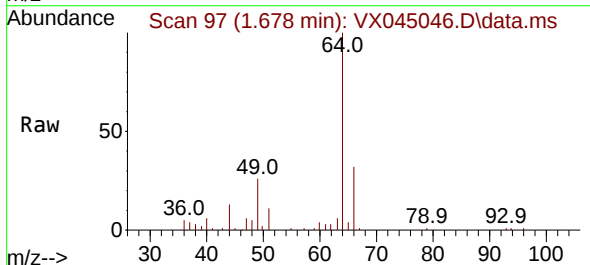
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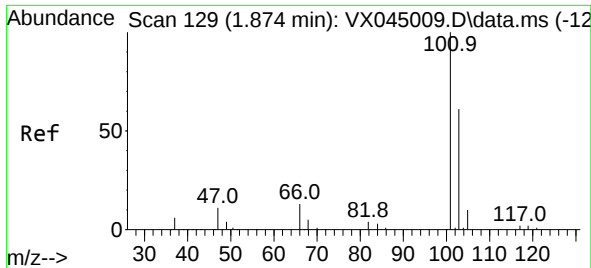
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#6
Chloroethane
Concen: 18.569 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.012 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

Tgt Ion: 64 Resp: 15829
Ion Ratio Lower Upper
64 100
66 32.2 23.7 35.5





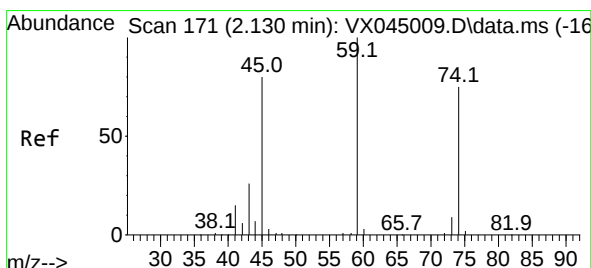
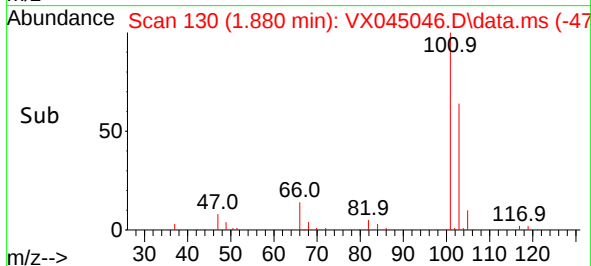
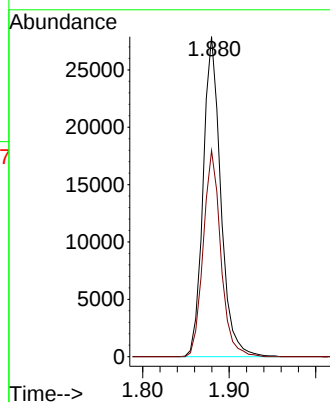
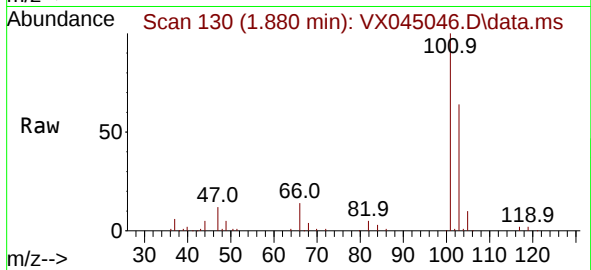
#7
Trichlorofluoromethane
Concen: 18.682 ug/l
RT: 1.880 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01

Tgt Ion:101 Resp: 3952
Ion Ratio Lower Upper
101 100
103 64.4 48.8 73.2

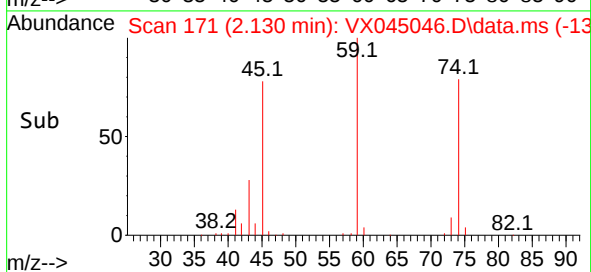
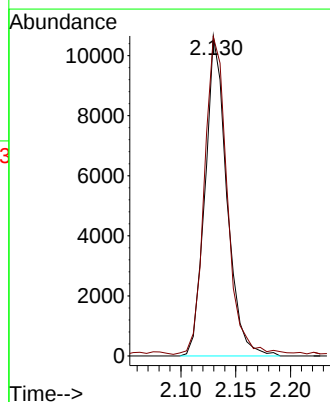
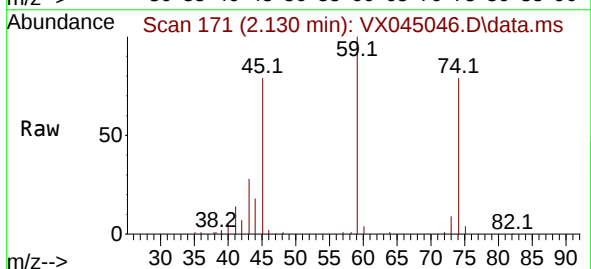
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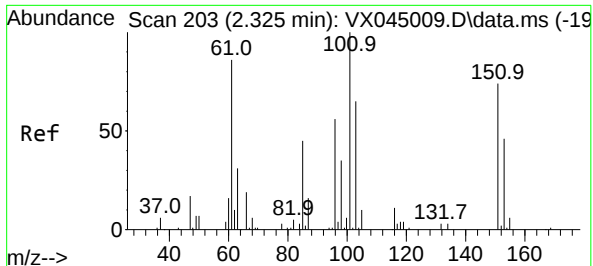
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#8
Diethyl Ether
Concen: 18.384 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

Tgt Ion: 74 Resp: 14714
Ion Ratio Lower Upper
74 100
45 104.5 20.8 186.8





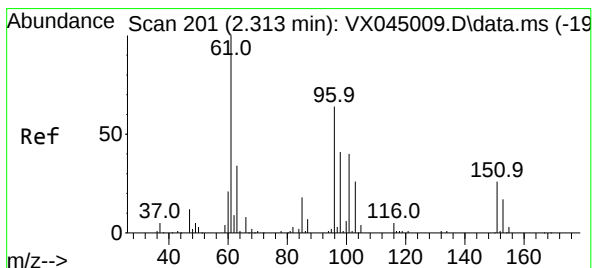
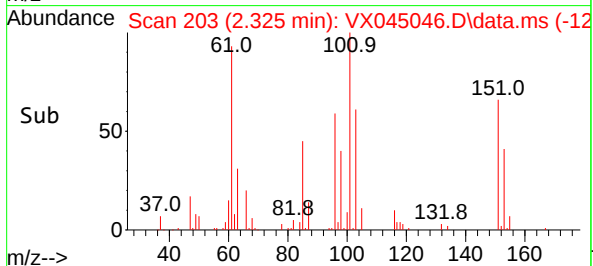
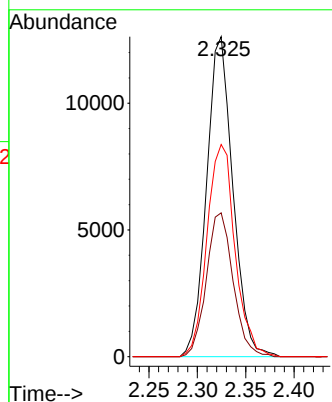
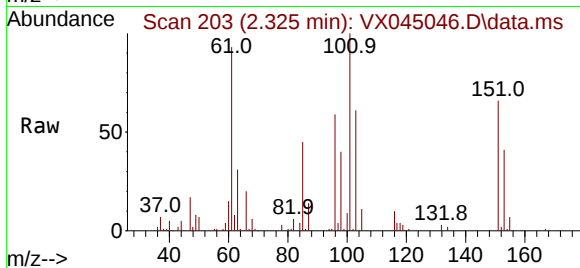
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.006 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01

Tgt Ion:101 Resp: 23879
Ion Ratio Lower Upper
101 100
85 45.7 0.0 90.6
151 70.7 0.0 147.6

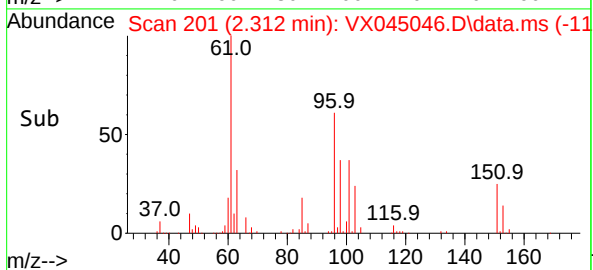
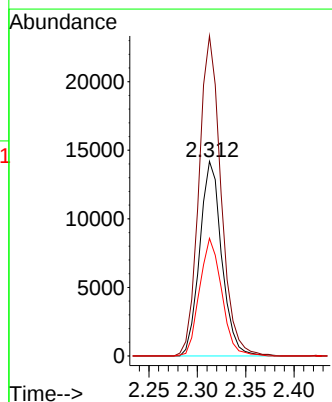
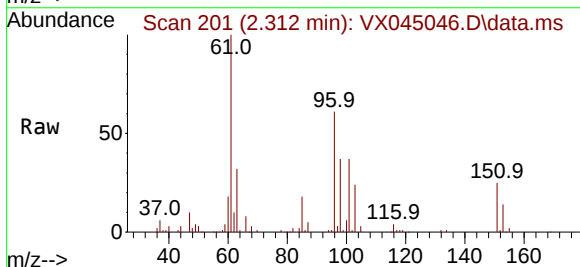
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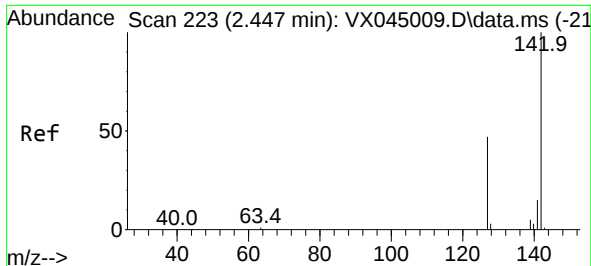
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#10
1,1-Dichloroethene
Concen: 18.382 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

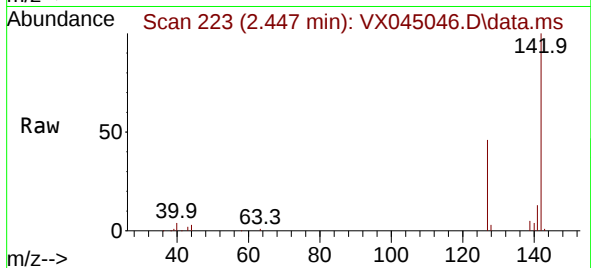
Tgt Ion: 96 Resp: 22559
Ion Ratio Lower Upper
96 100
61 164.5 124.2 186.2
98 60.4 51.1 76.7





#11
Methyl Iodide
Concen: 18.256 ug/l
RT: 2.447 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

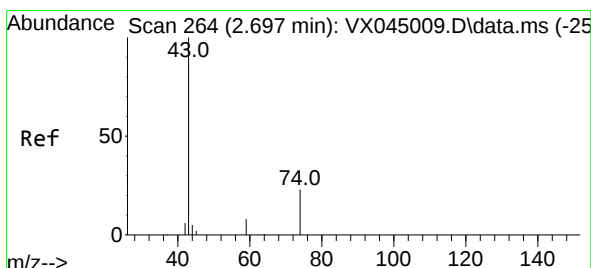
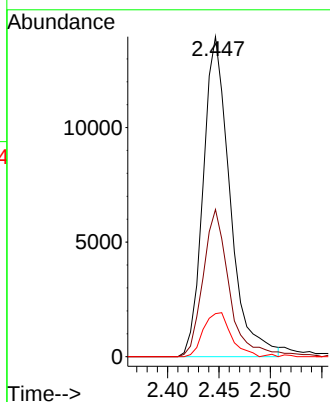
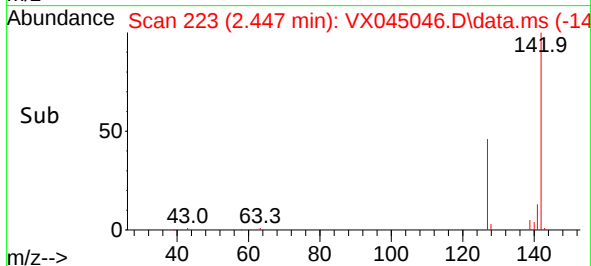
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01



Tgt Ion:142 Resp: 25358
Ion Ratio Lower Upper
142 100
127 45.9 23.3 69.9
141 13.6 7.5 22.6

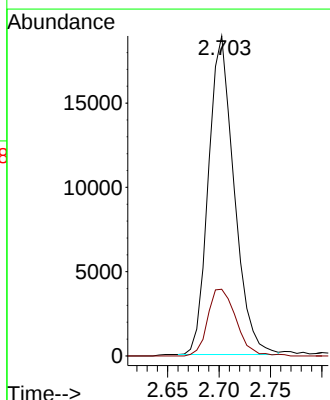
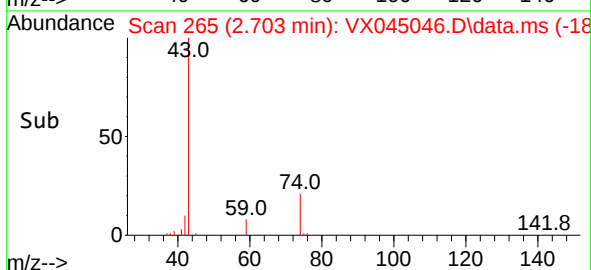
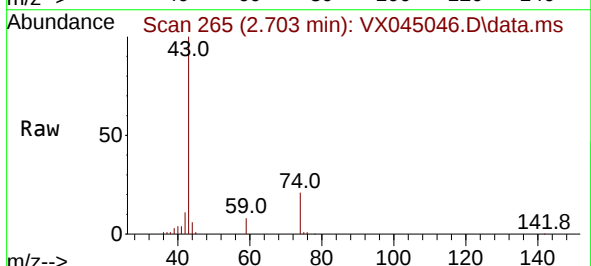
Manual Integrations
APPROVED

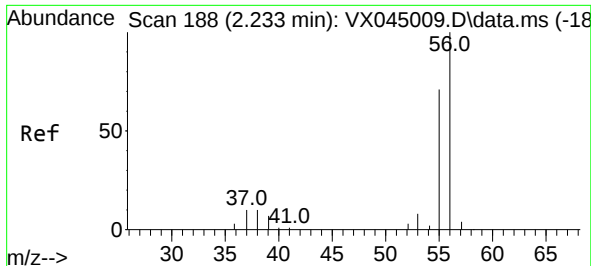
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#12
Methyl Acetate
Concen: 23.038 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

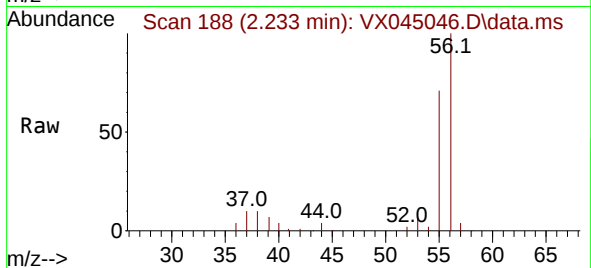
Tgt Ion: 43 Resp: 32831
Ion Ratio Lower Upper
43 100
74 20.8 17.9 26.9





#13
Acrolein
Concen: 131.061 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

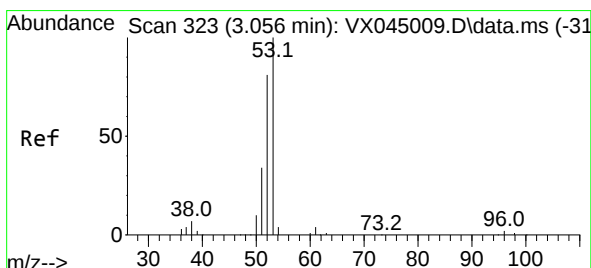
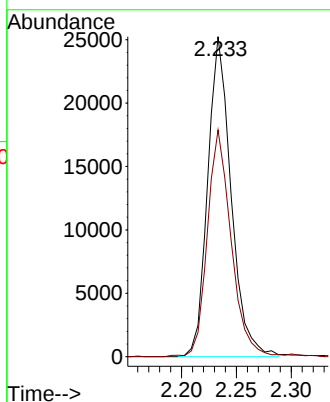
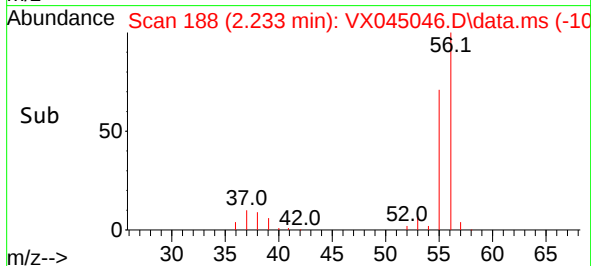
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01



Tgt Ion: 56 Resp: 3743
Ion Ratio Lower Upper
56 100
55 71.2 55.4 83.2

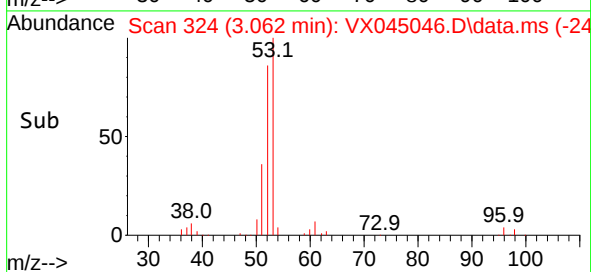
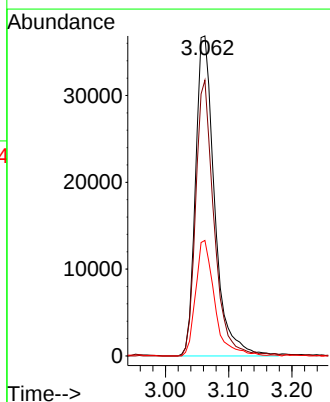
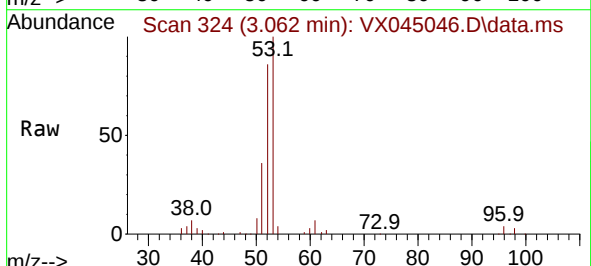
Manual Integrations
APPROVED

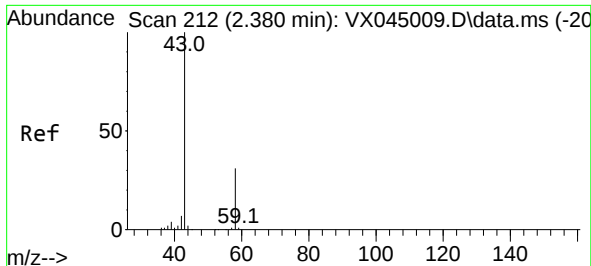
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#14
Acrylonitrile
Concen: 111.536 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.006 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

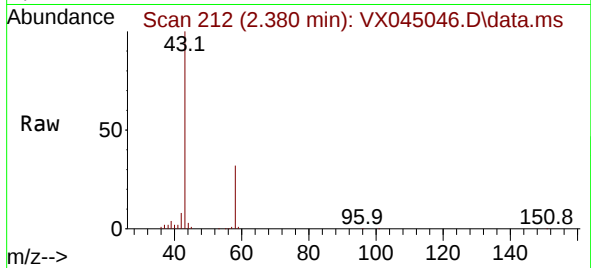
Tgt Ion: 53 Resp: 77639
Ion Ratio Lower Upper
53 100
52 81.8 40.9 122.8
51 35.6 18.0 54.0





#15
Acetone
Concen: 111.933 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

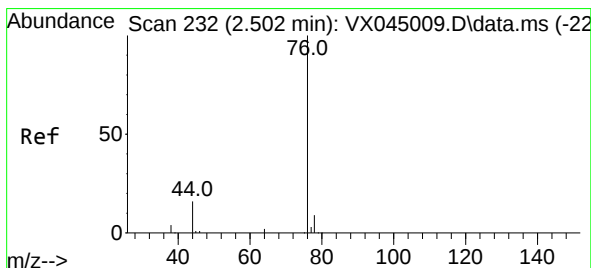
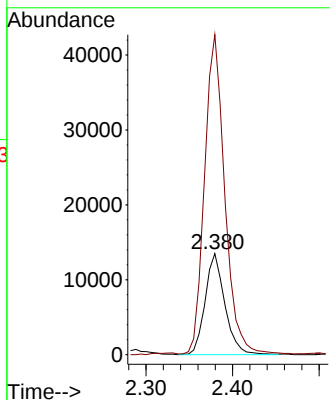
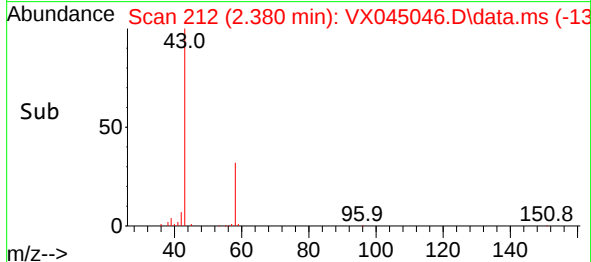
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01



Tgt Ion: 58 Resp: 21369
Ion Ratio Lower Upper
58 100
43 315.4 258.6 388.0

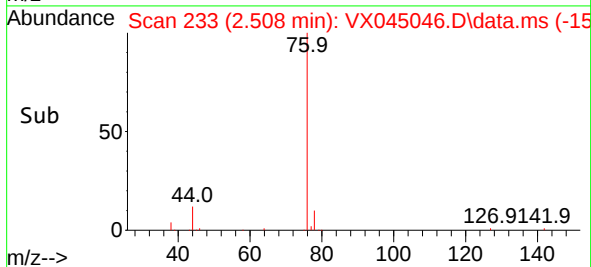
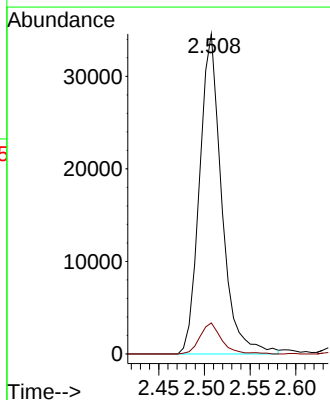
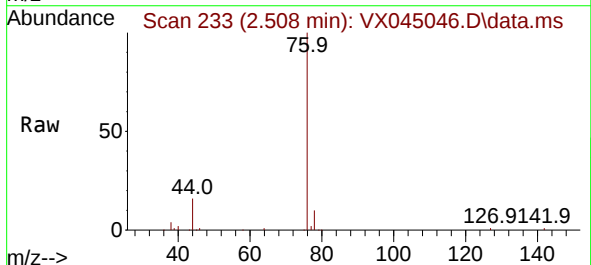
Manual Integrations
APPROVED

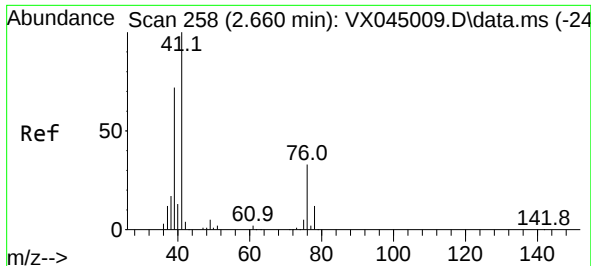
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#16
Carbon Disulfide
Concen: 16.742 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

Tgt Ion: 76 Resp: 58279
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9





#17

Allyl chloride

Concen: 18.540 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX045046.D

Acq: 26 Feb 2025 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

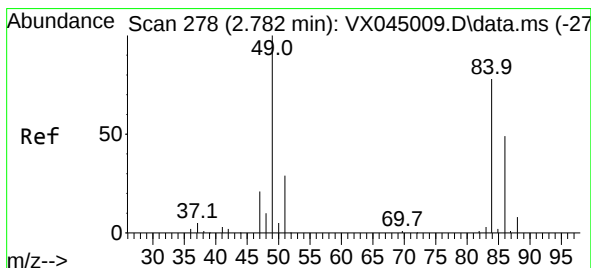
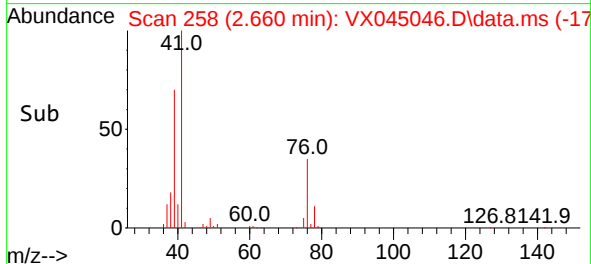
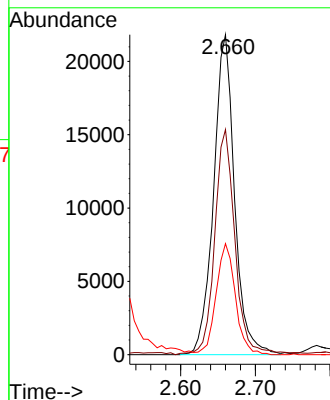
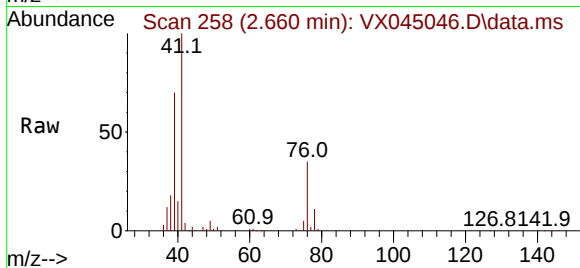
Tgt Ion: 41	Resp: 4255
Ion Ratio	Lower Upper
41	100
39	70.0 36.2 108.6
76	34.7 17.2 51.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#18

Methylene Chloride

Concen: 18.604 ug/l

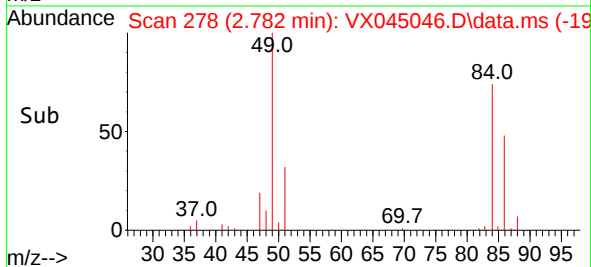
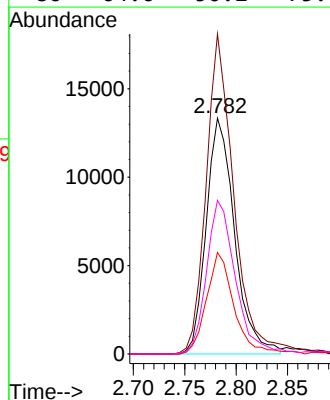
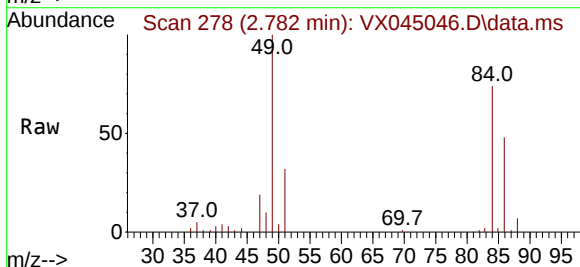
RT: 2.782 min Scan# 278

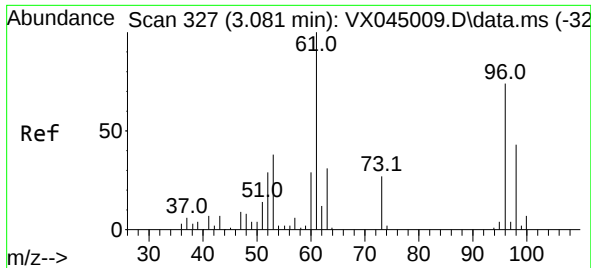
Delta R.T. -0.000 min

Lab File: VX045046.D

Acq: 26 Feb 2025 11:03

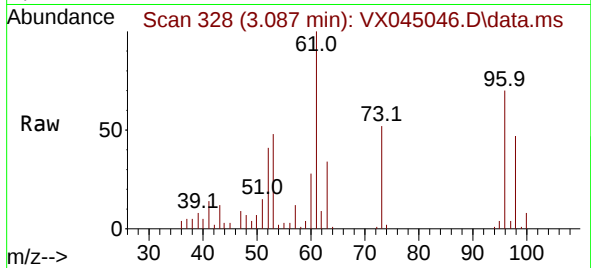
Tgt Ion: 84	Resp: 25680
Ion Ratio	Lower Upper
84	100
49	135.0 102.8 154.2
51	43.0 30.1 45.1
86	64.6 50.2 75.4





#19
trans-1,2-Dichloroethene
Concen: 18.072 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

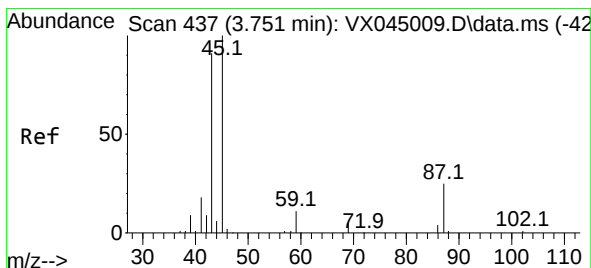
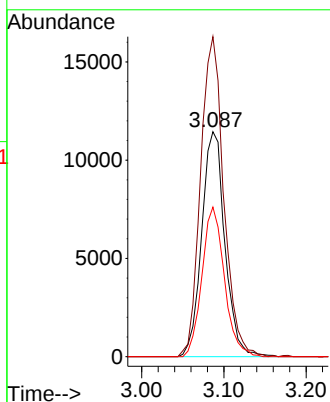
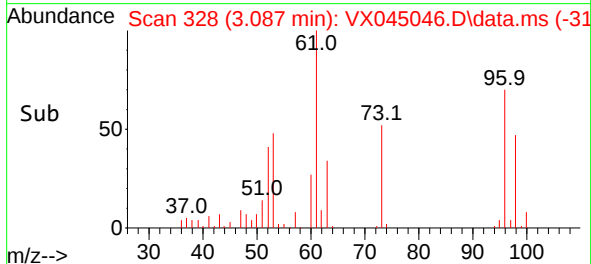
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01



Tgt Ion: 96 Resp: 22438
Ion Ratio Lower Upper
96 100
61 142.3 108.6 163.0
98 66.5 46.5 69.7

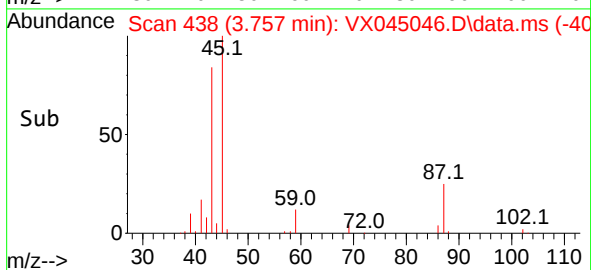
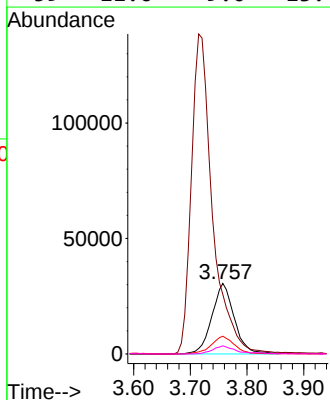
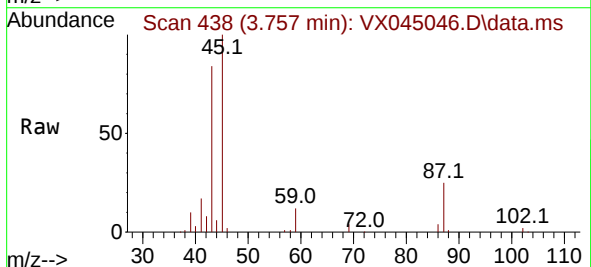
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#20
Diisopropyl ether
Concen: 18.987 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

Tgt Ion: 45 Resp: 83747
Ion Ratio Lower Upper
45 100
43 81.8 74.4 111.6
87 25.2 19.8 29.8
59 11.6 9.0 13.4





#21

1,1-Dichloroethane

Concen: 18.704 ug/l

RT: 3.605 min Scan# 413

Delta R.T. -0.000 min

Lab File: VX045046.D

Acq: 26 Feb 2025 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

Tgt Ion: 63 Resp: 4588

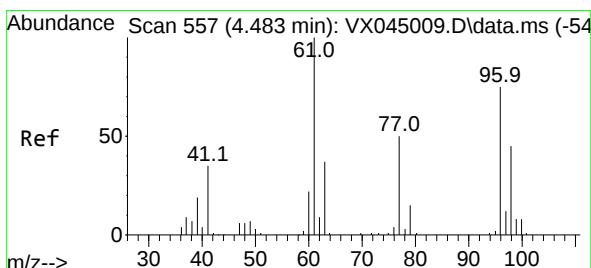
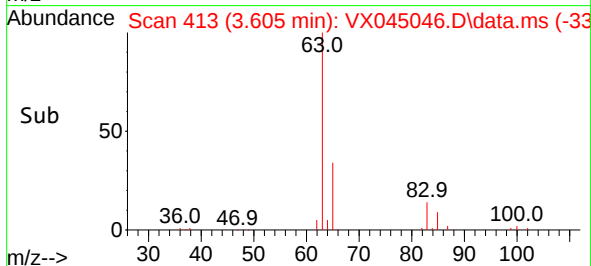
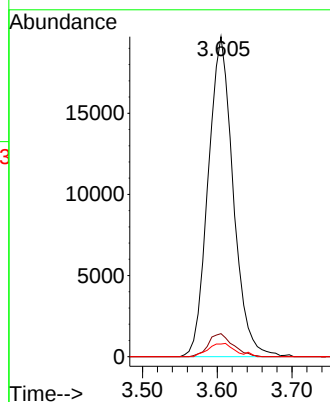
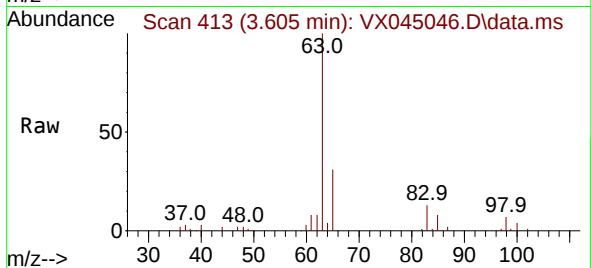
Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.3	9.8
100	3.9	2.4	7.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#22

cis-1,2-Dichloroethene

Concen: 18.513 ug/l

RT: 4.489 min Scan# 558

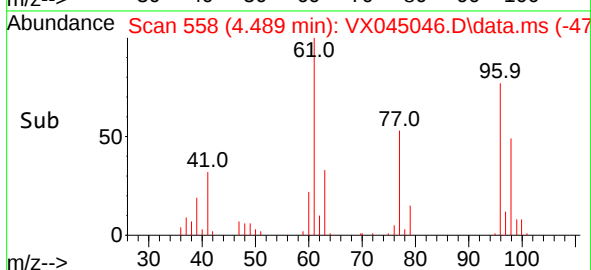
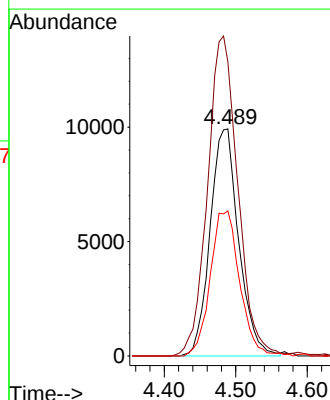
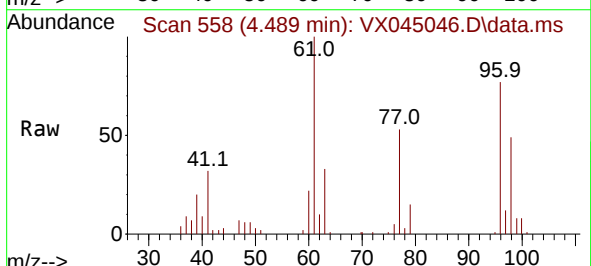
Delta R.T. 0.006 min

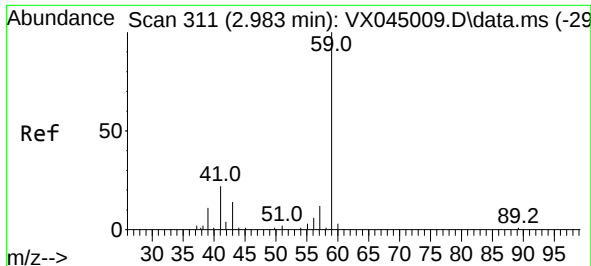
Lab File: VX045046.D

Acq: 26 Feb 2025 11:03

Tgt Ion: 96 Resp: 27544

Ion	Ratio	Lower	Upper
96	100		
61	148.9	118.9	178.3
98	65.1	50.7	76.1





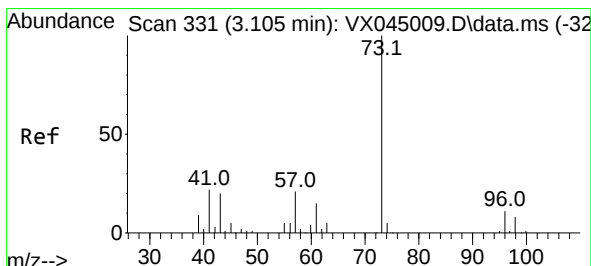
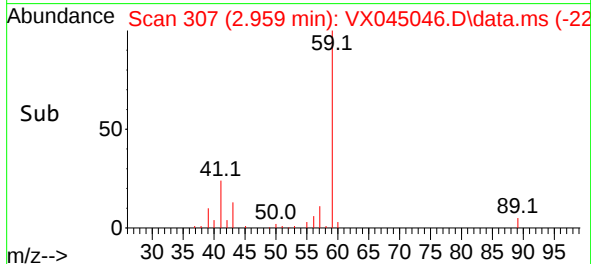
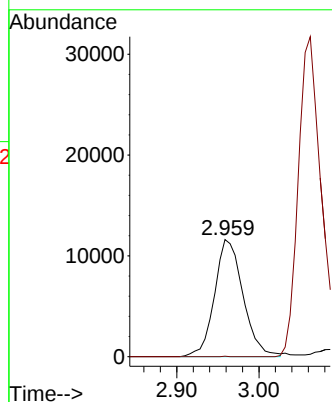
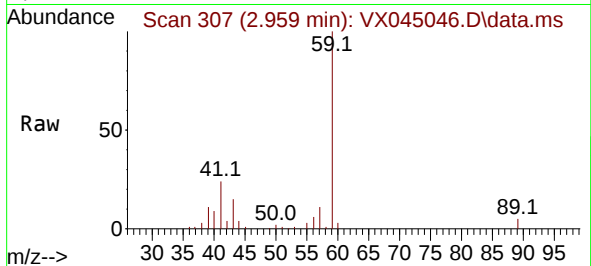
#23
tert-Butyl Alcohol
Concen: 115.317 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.025 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01

Tgt Ion: 59 Resp: 2802
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

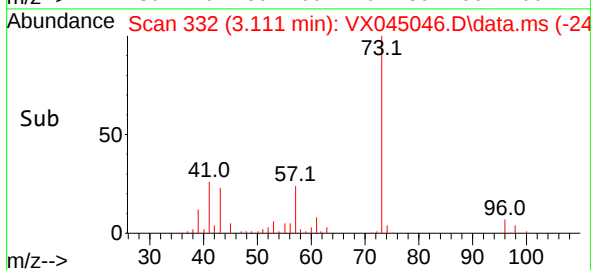
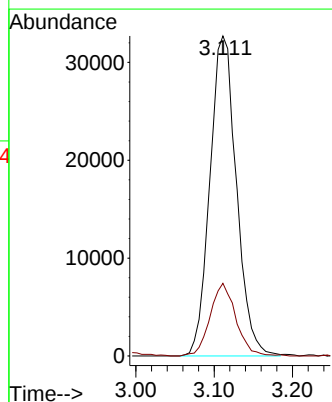
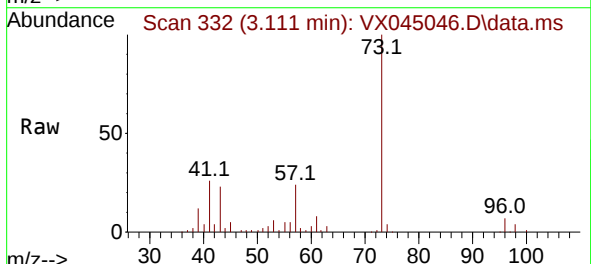
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#24
Methyl tert-Butyl Ether
Concen: 19.247 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

Tgt Ion: 73 Resp: 77091
Ion Ratio Lower Upper
73 100
43 22.0 17.4 26.0





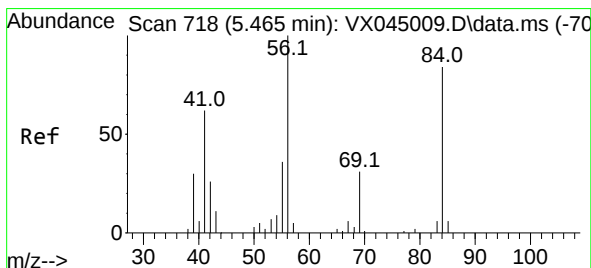
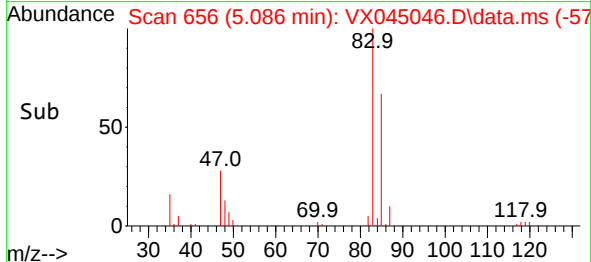
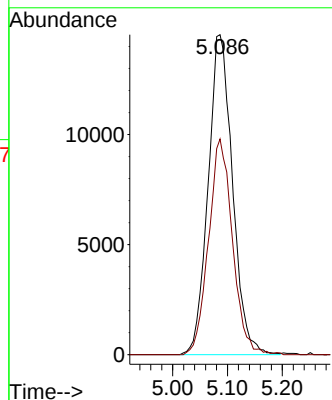
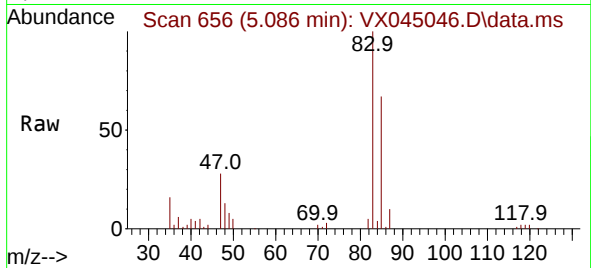
#25
Chloroform
Concen: 18.944 ug/l
RT: 5.086 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01

Tgt Ion: 83 Resp: 4488
Ion Ratio Lower Upper
83 100
85 67.4 51.7 77.5

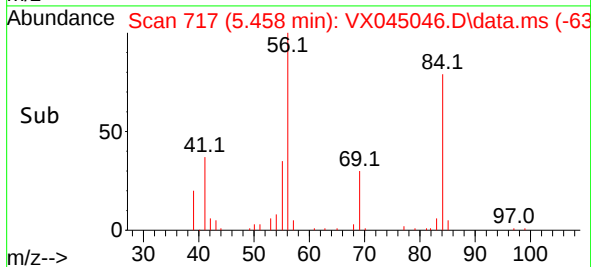
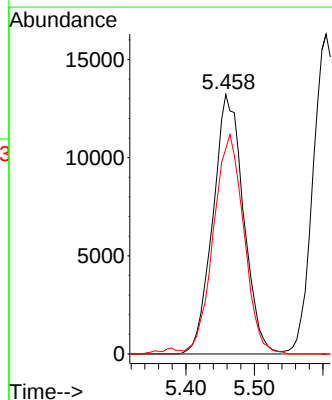
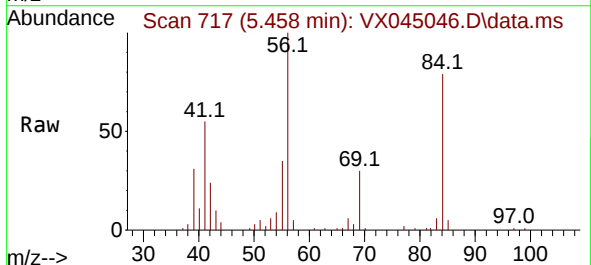
Manual Integrations
APPROVED

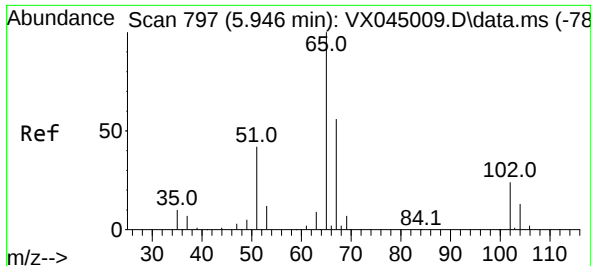
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#26
Cyclohexane
Concen: 18.080 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

Tgt Ion: 56 Resp: 40938
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.2 67.1 100.7





#27

1,2-Dichloroethane-d4

Concen: 29.699 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX045046.D

Acq: 26 Feb 2025 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

Tgt Ion: 65 Resp: 46599

Ion Ratio Lower Upper

65 100

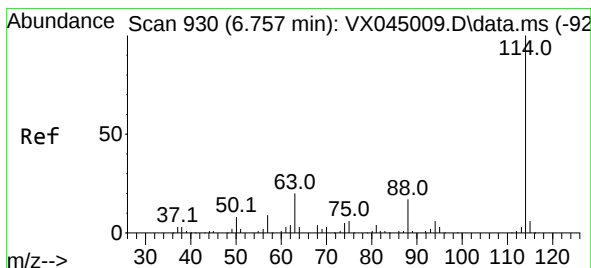
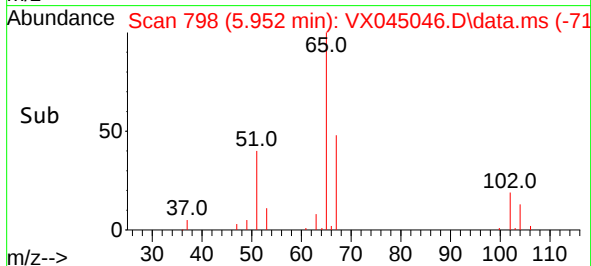
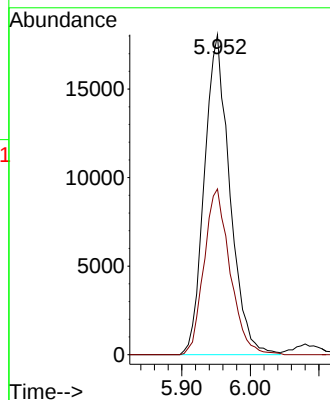
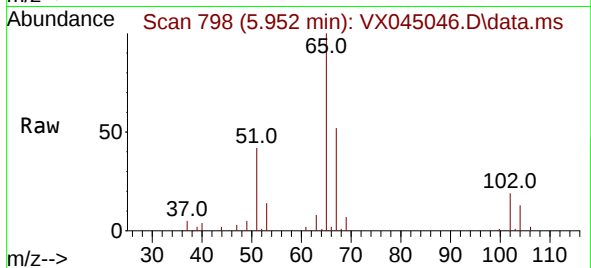
67 53.1 42.6 64.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045046.D

Acq: 26 Feb 2025 11:03

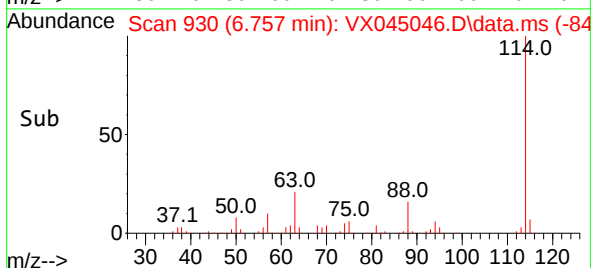
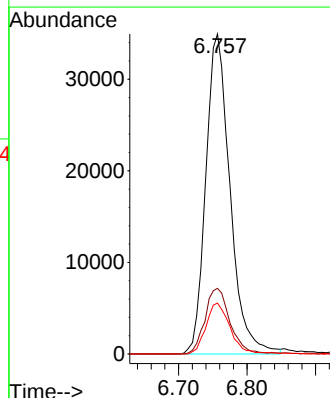
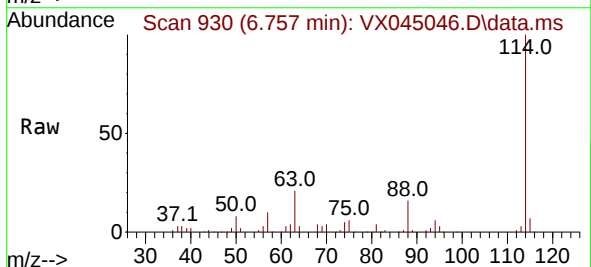
Tgt Ion:114 Resp: 85912

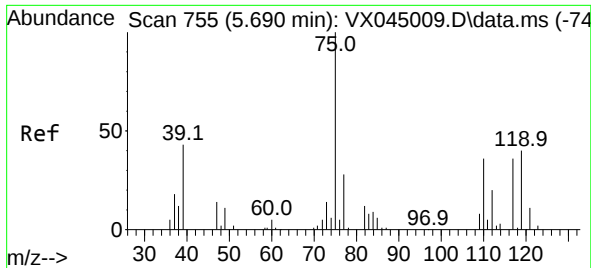
Ion Ratio Lower Upper

114 100

63 21.1 16.8 25.2

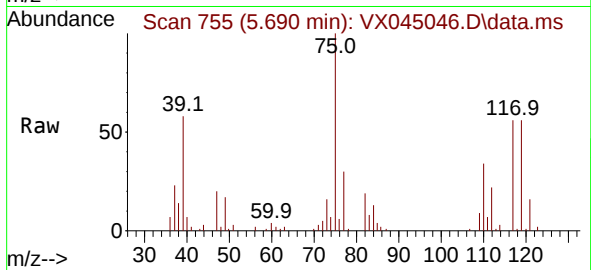
88 15.6 12.7 19.1





#29
1,1-Dichloropropene
Concen: 19.170 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

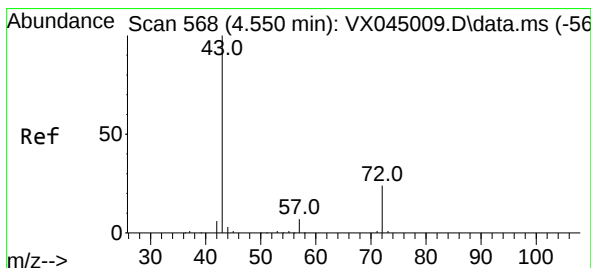
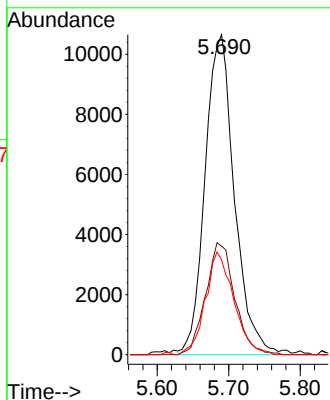
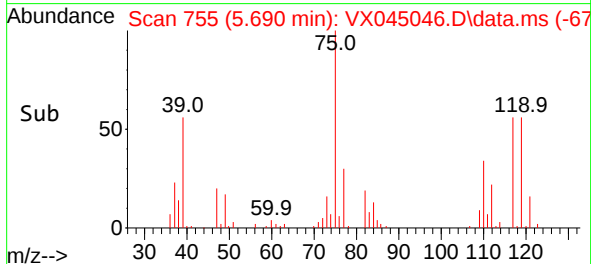
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01



Tgt Ion: 75 Resp: 3029
Ion Ratio Lower Upper
75 100
110 34.7 0.0 69.2
77 31.1 0.0 61.0

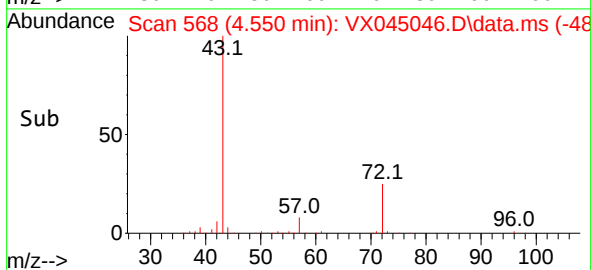
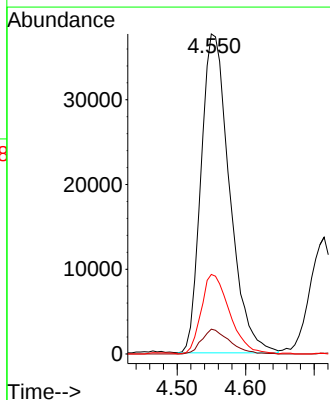
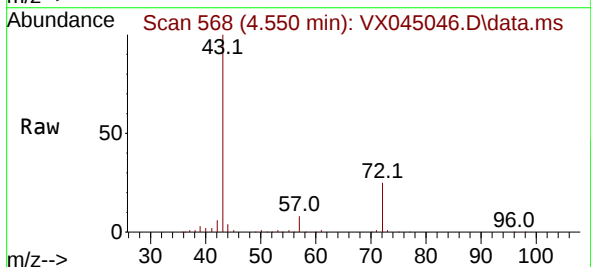
Manual Integrations
APPROVED

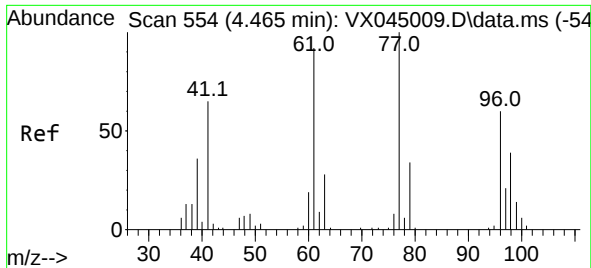
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#30
2-Butanone
Concen: 119.171 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

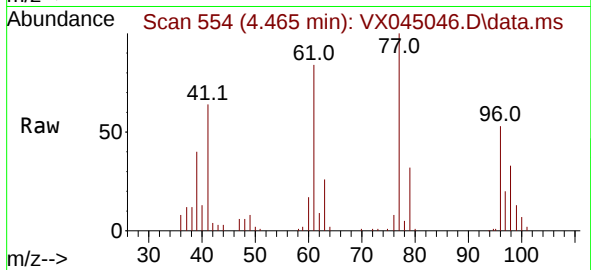
Tgt Ion: 43 Resp: 108781
Ion Ratio Lower Upper
43 100
57 7.5 6.2 9.2
72 24.9 20.2 30.2





#31
2,2-Dichloropropane
Concen: 18.696 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

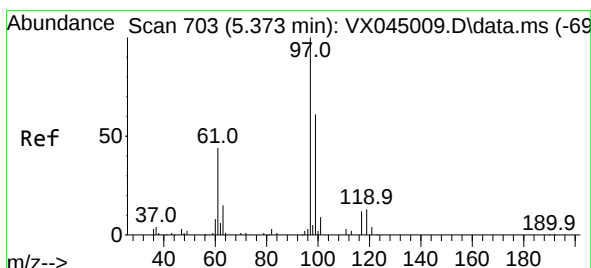
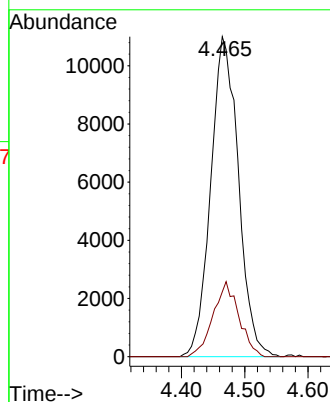
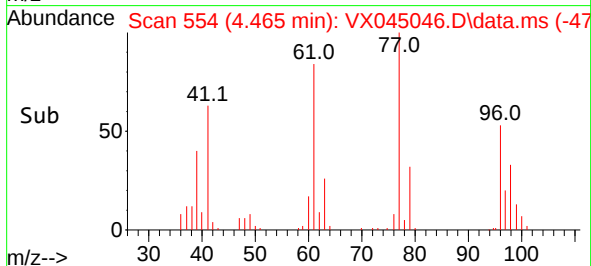
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01



Tgt Ion: 77 Resp: 33410
Ion Ratio Lower Upper
77 100
97 21.9 18.0 27.0

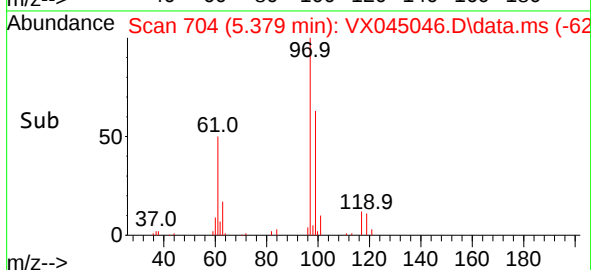
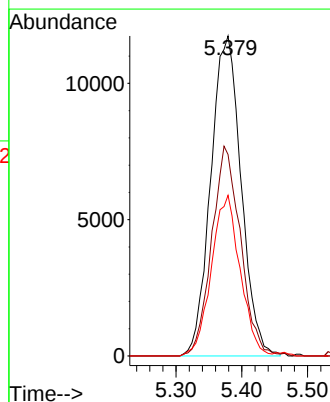
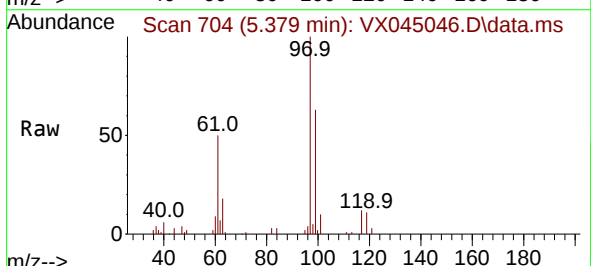
Manual Integrations
APPROVED

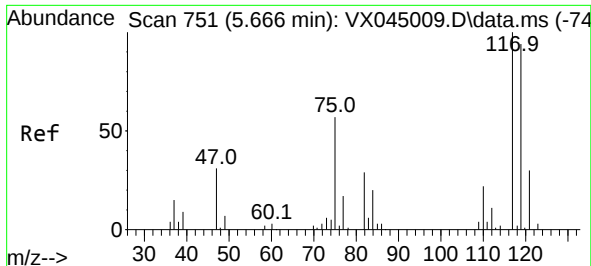
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#32
1,1,1-Trichloroethane
Concen: 19.709 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

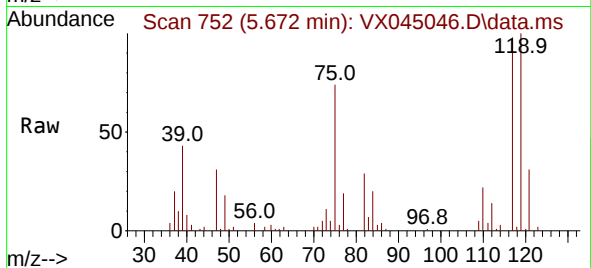
Tgt Ion: 97 Resp: 37740
Ion Ratio Lower Upper
97 100
99 62.1 52.2 78.2
61 47.5 38.5 57.7





#33
Carbon Tetrachloride
Concen: 19.363 ug/l
RT: 5.672 min Scan# 751
Delta R.T. 0.006 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

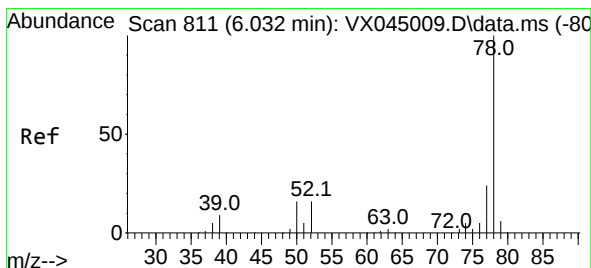
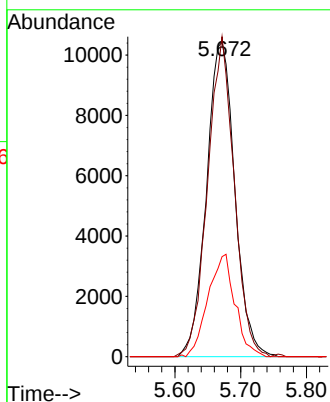
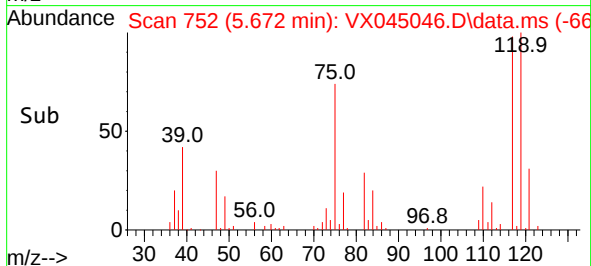
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01



Tgt Ion:117 Resp: 3129
Ion Ratio Lower Upper
117 100
119 101.0 75.1 112.7
121 31.8 23.9 35.9

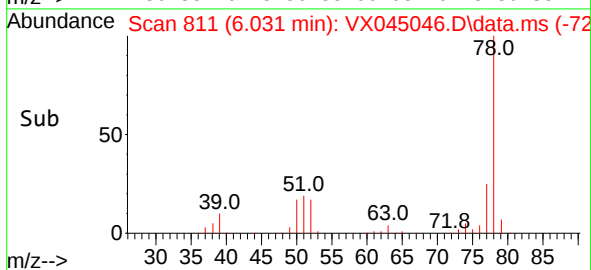
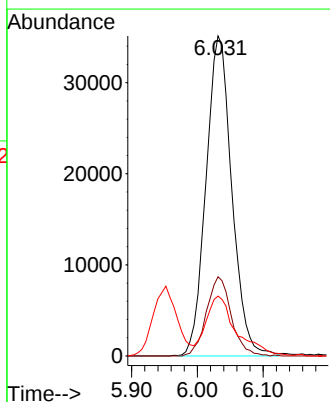
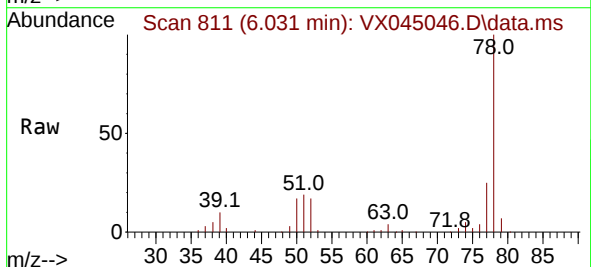
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#34
Benzene
Concen: 19.390 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

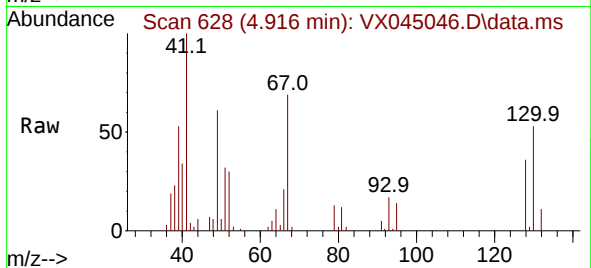
Tgt Ion: 78 Resp: 96096
Ion Ratio Lower Upper
78 100
77 24.8 19.6 29.4
51 17.9 13.8 20.6





#35
Methacrylonitrile
Concen: 22.534 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01

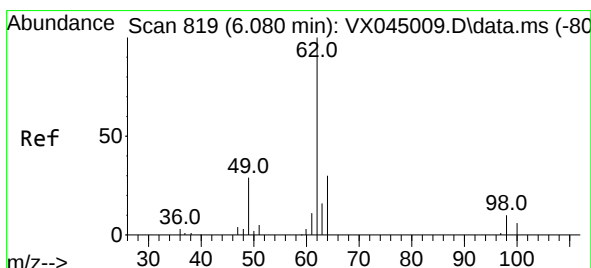
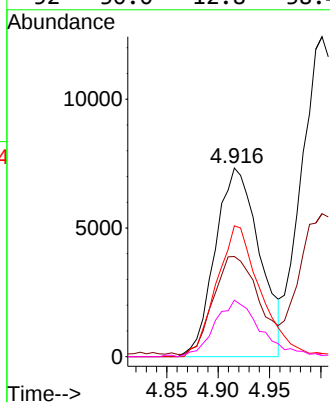
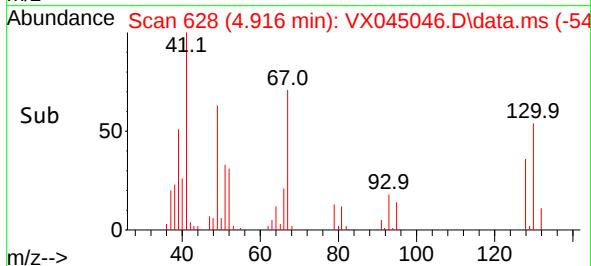


Tgt Ion: 41 Resp: 2201

Ion	Ratio	Lower	Upper
41	100		
39	51.8	27.8	83.4
67	69.4	31.5	94.5
52	30.0	12.8	38.4

Manual Integrations
APPROVED

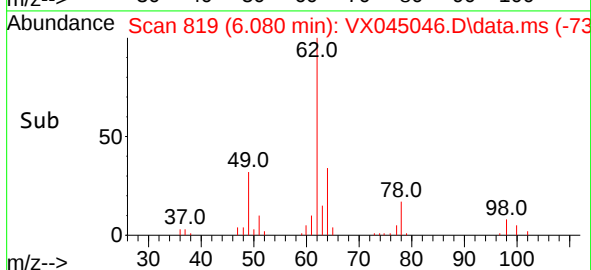
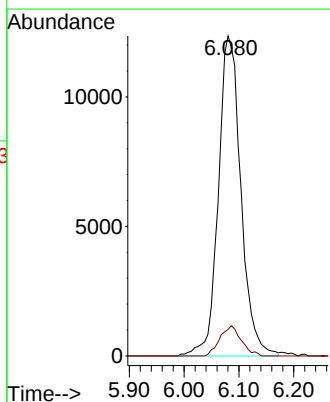
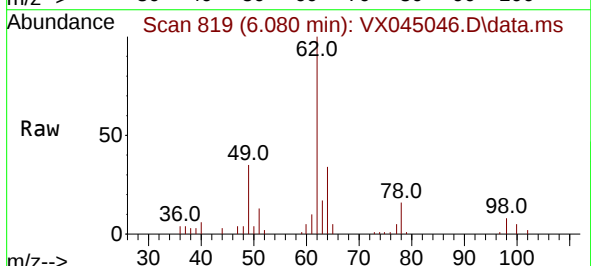
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

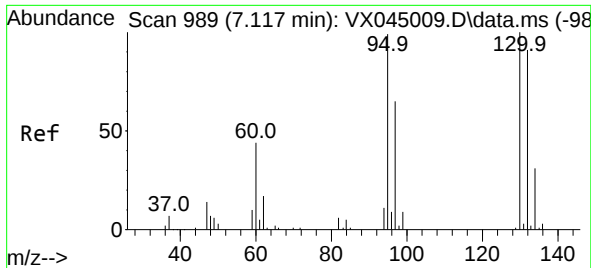


#36
1,2-Dichloroethane
Concen: 20.806 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

Tgt Ion: 62 Resp: 35302

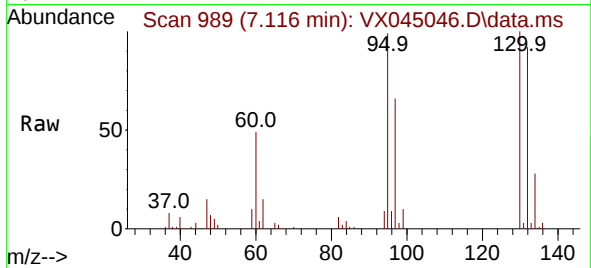
Ion	Ratio	Lower	Upper
62	100		
98	8.6	7.9	11.9





#37
Trichloroethene
Concen: 18.976 ug/l
RT: 7.116 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

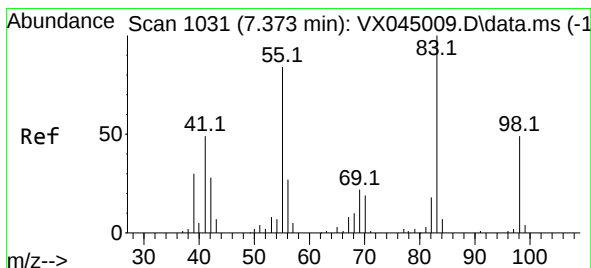
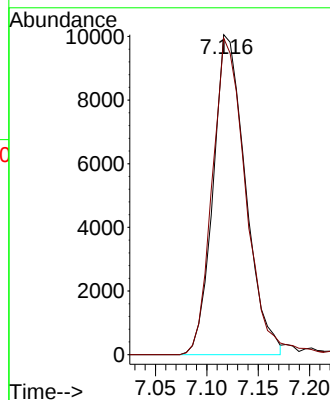
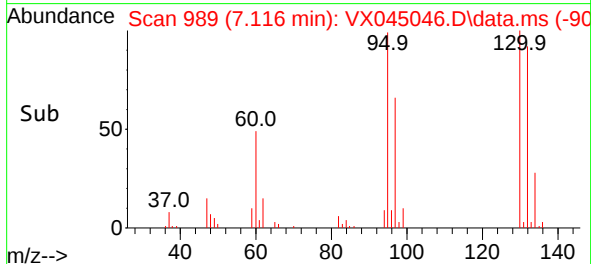
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01



Tgt Ion:130 Resp: 2200
Ion Ratio Lower Upper
130 100
95 98.9 79.0 118.4

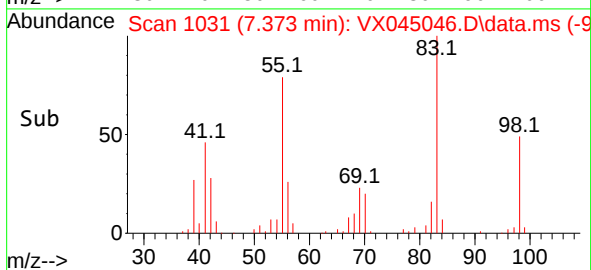
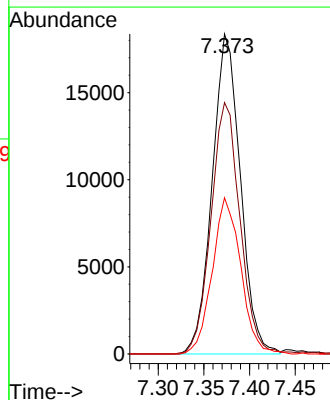
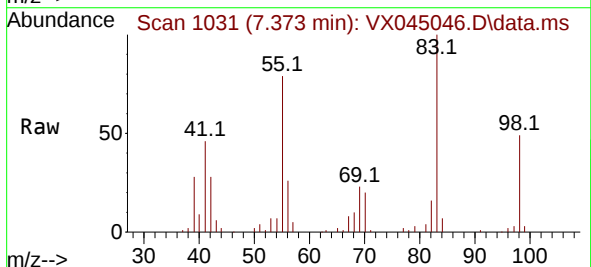
Manual Integrations
APPROVED

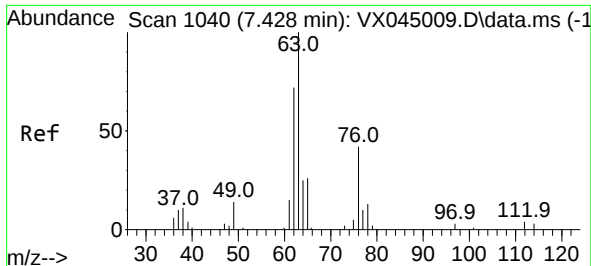
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#38
Methylcyclohexane
Concen: 18.573 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

Tgt Ion: 83 Resp: 39411
Ion Ratio Lower Upper
83 100
55 80.6 40.6 122.0
98 49.4 24.9 74.6





#39

1,2-Dichloropropane

Concen: 19.435 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045046.D

Acq: 26 Feb 2025 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

Tgt Ion: 63 Resp: 2394

Ion Ratio Lower Upper

63 100

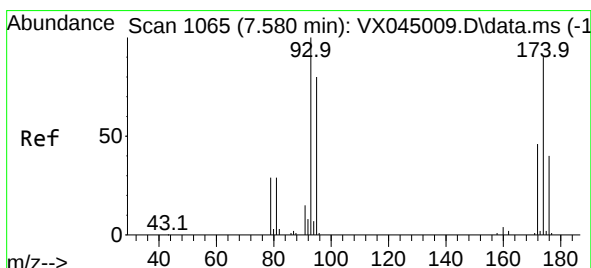
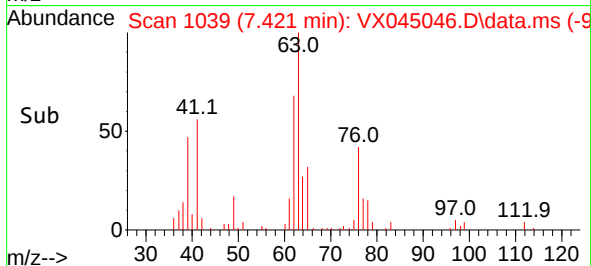
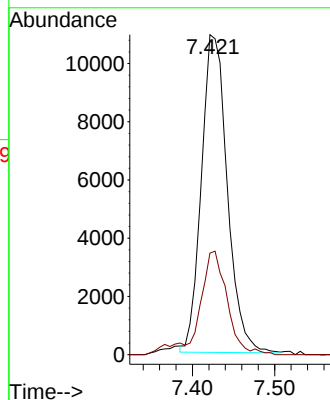
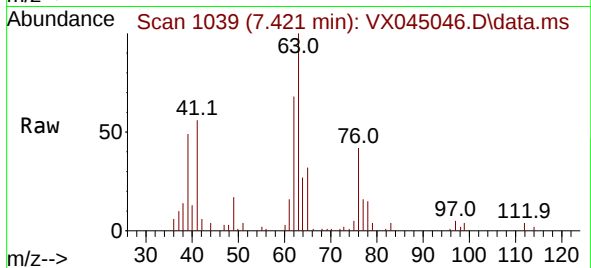
65 32.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#40

Dibromomethane

Concen: 21.086 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX045046.D

Acq: 26 Feb 2025 11:03

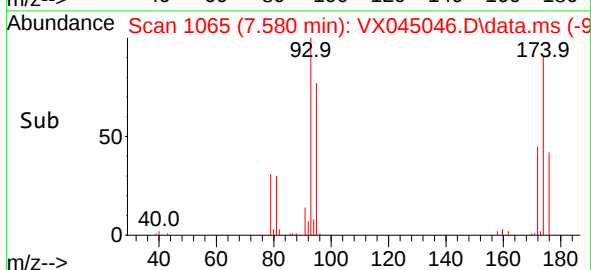
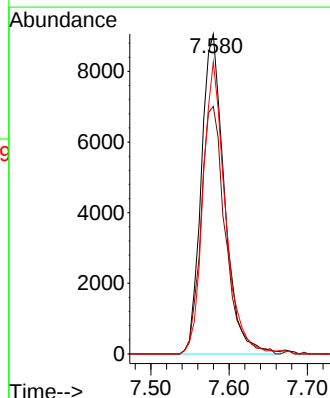
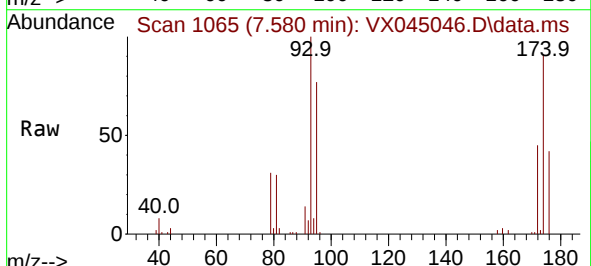
Tgt Ion: 93 Resp: 18644

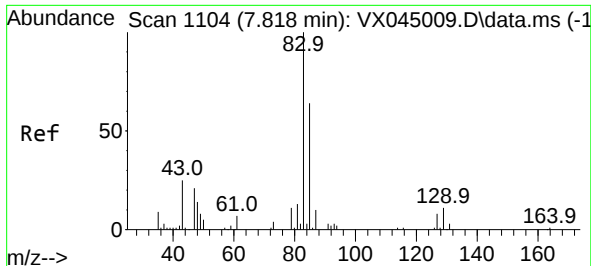
Ion Ratio Lower Upper

93 100

95 80.7 0.0 162.6

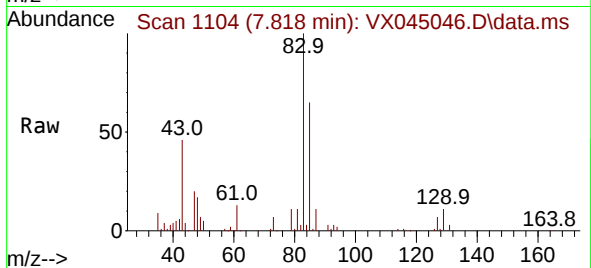
174 87.6 0.0 178.8





#41
Bromodichloromethane
Concen: 20.072 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

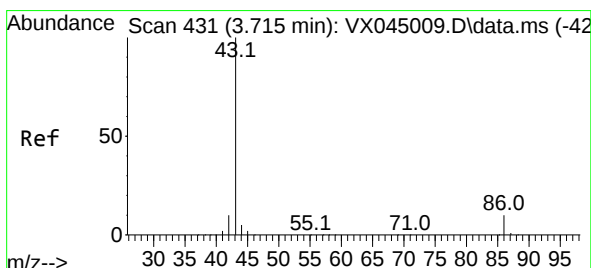
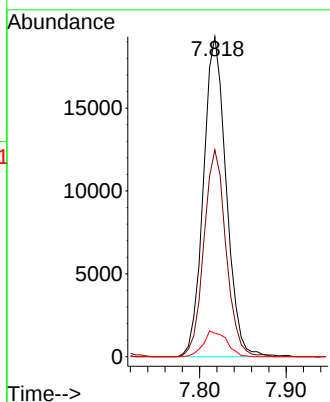
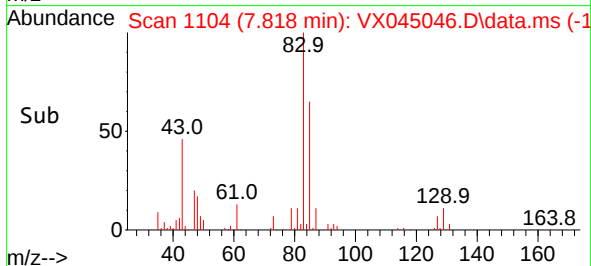
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01



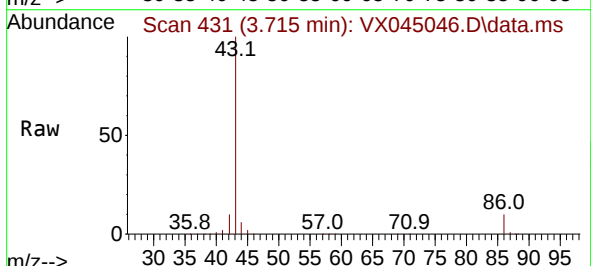
Tgt Ion: 83 Resp: 3527
Ion Ratio Lower Upper
83 100
85 64.6 51.0 76.6
127 7.4 6.1 9.1

Manual Integrations
APPROVED

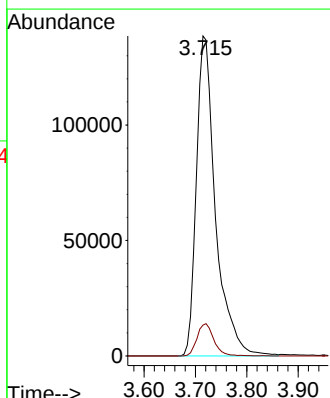
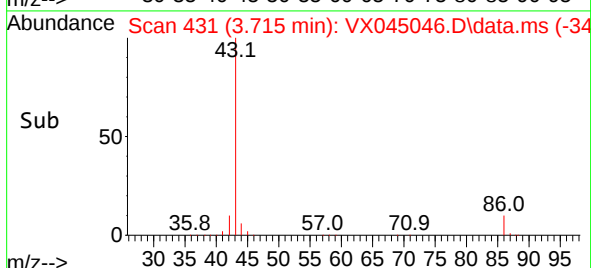
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

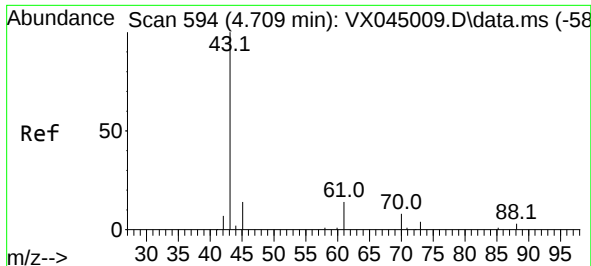


#42
Vinyl Acetate
Concen: 101.328 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03



Tgt Ion: 43 Resp: 358924
Ion Ratio Lower Upper
43 100
86 8.8 7.0 10.4





#43

Ethyl Acetate

Concen: 23.782 ug/l

RT: 4.714 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX045046.D

Acq: 26 Feb 2025 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

Tgt Ion: 43 Resp: 40710

Ion Ratio Lower Upper

43 100

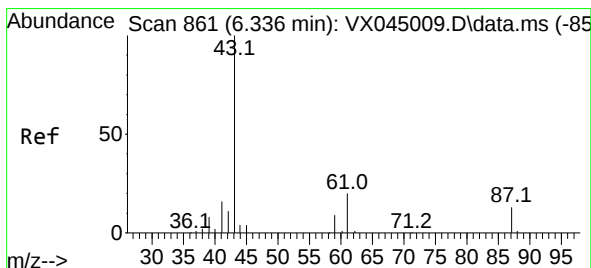
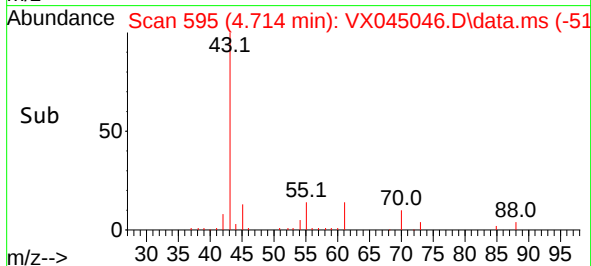
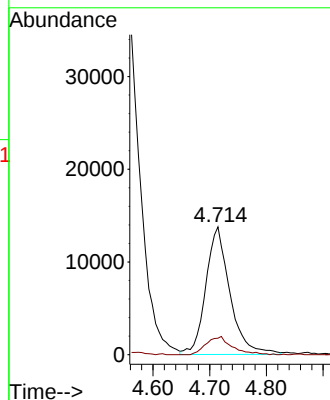
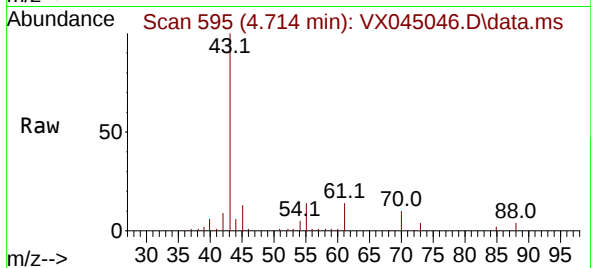
45 14.6 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#44

Isopropyl Acetate

Concen: 21.684 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.000 min

Lab File: VX045046.D

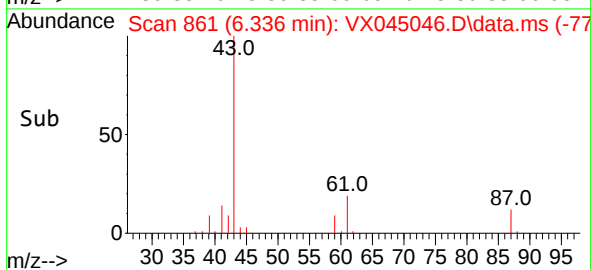
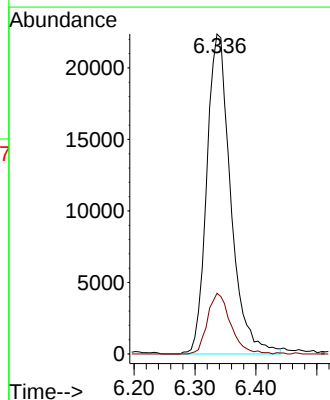
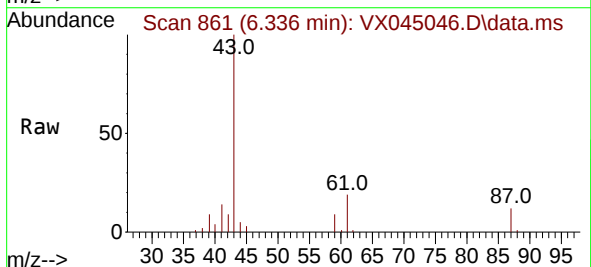
Acq: 26 Feb 2025 11:03

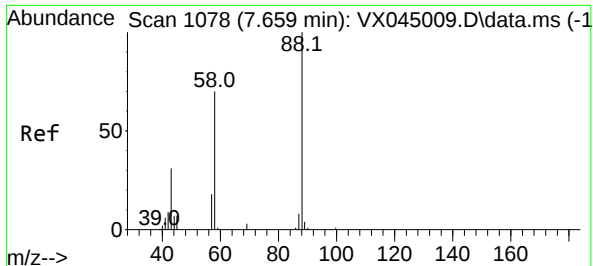
Tgt Ion: 43 Resp: 61094

Ion Ratio Lower Upper

43 100

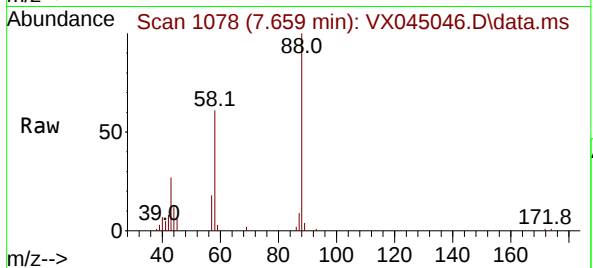
61 17.9 15.5 23.3





#45
1,4-Dioxane
Concen: 487.051 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

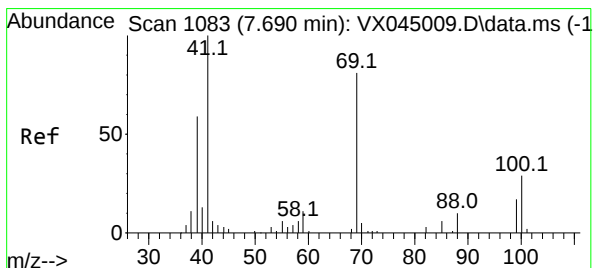
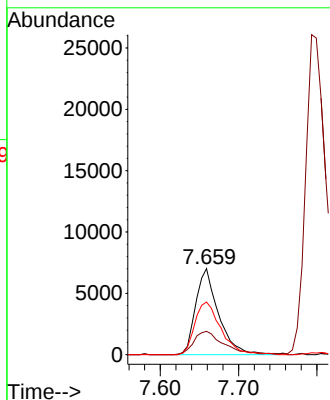
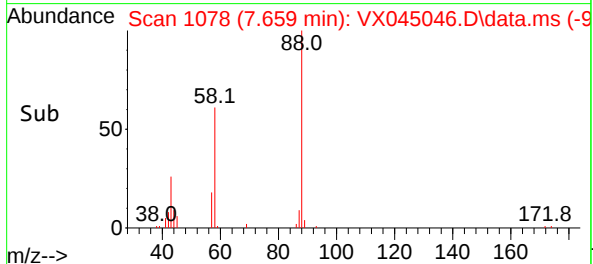
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01



Tgt Ion: 88 Resp: 1426
Ion Ratio Lower Upper
88 100
43 34.6 29.6 44.4
58 69.7 56.2 84.4

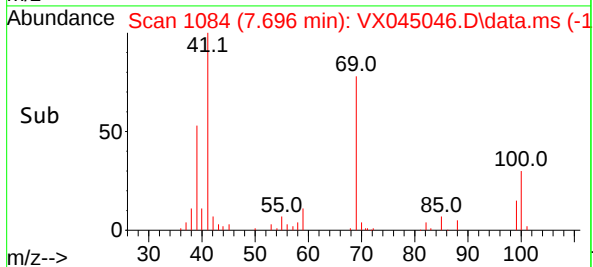
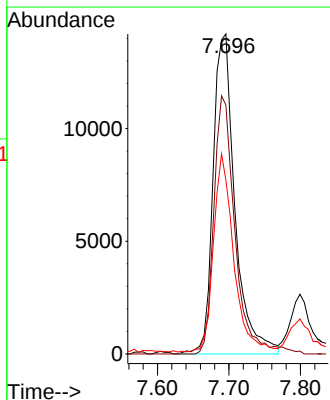
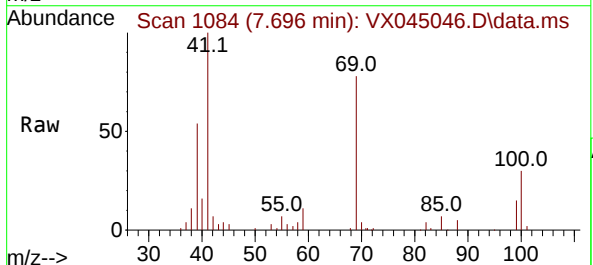
Manual Integrations
APPROVED

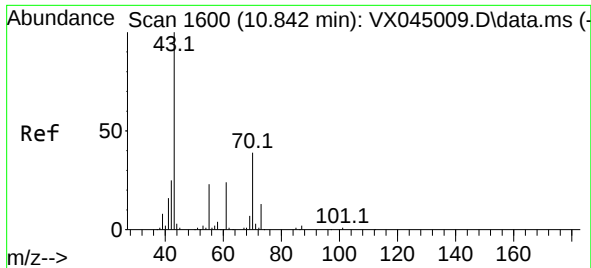
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#46
Methyl methacrylate
Concen: 21.822 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

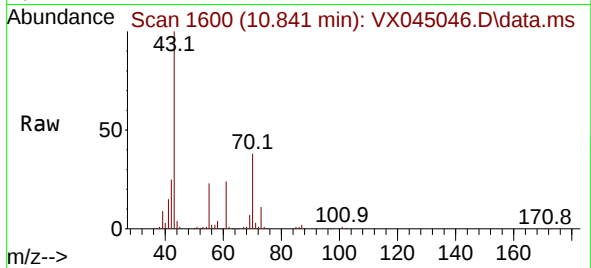
Tgt Ion: 41 Resp: 30147
Ion Ratio Lower Upper
41 100
69 77.8 40.7 122.1
39 53.8 29.5 88.5





#47
n-amy1 Acetate
Concen: 21.088 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

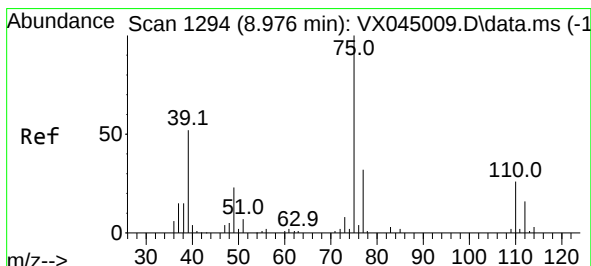
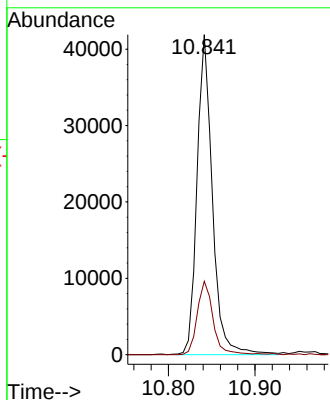
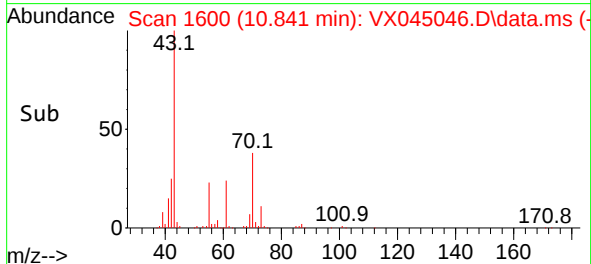
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01



Tgt Ion: 43 Resp: 51550
Ion Ratio Lower Upper
43 100
55 23.5 18.6 27.8

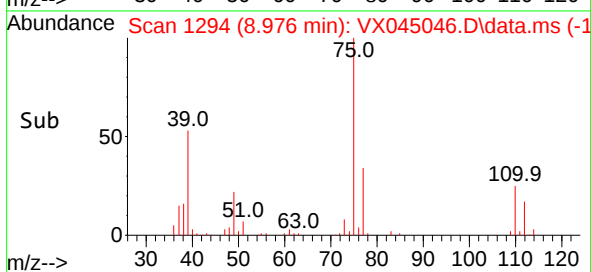
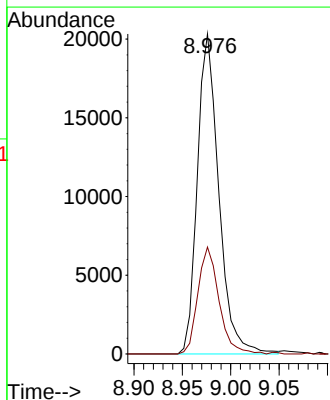
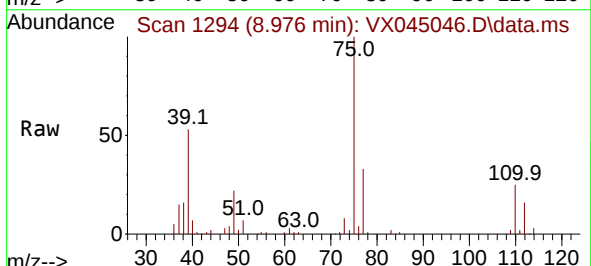
Manual Integrations
APPROVED

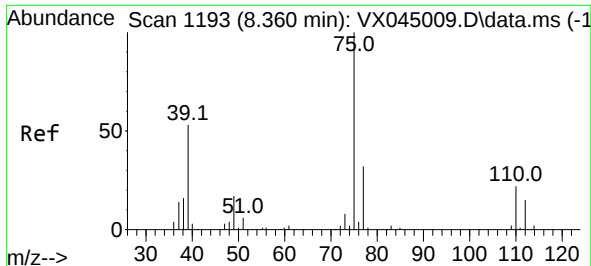
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#48
t-1,3-Dichloropropene
Concen: 18.579 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

Tgt Ion: 75 Resp: 31470
Ion Ratio Lower Upper
75 100
77 33.4 25.7 38.5





#49

cis-1,3-Dichloropropene

Concen: 19.148 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045046.D

Acq: 26 Feb 2025 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

Tgt Ion: 75 Resp: 3671

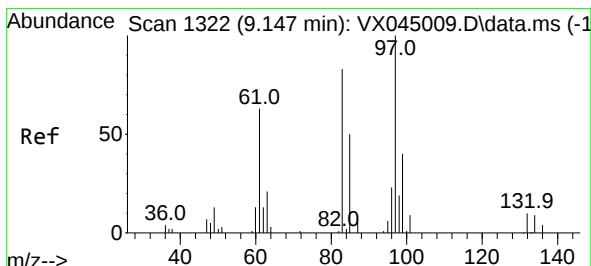
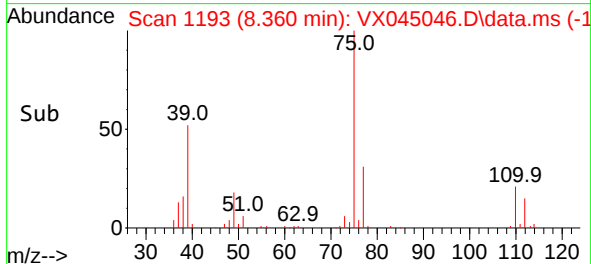
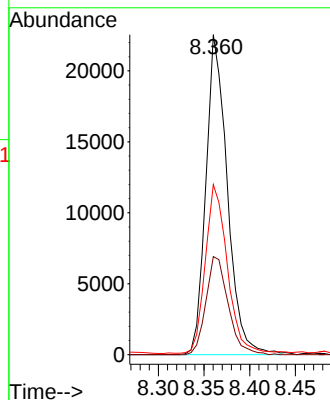
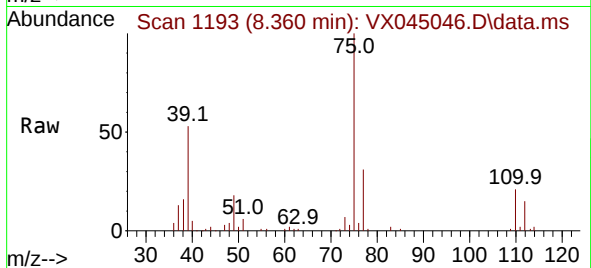
Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.9	38.9
39	52.7	42.3	63.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#50

1,1,2-Trichloroethane

Concen: 20.675 ug/l

RT: 9.147 min Scan# 1322

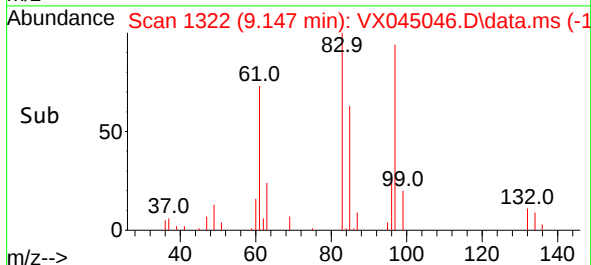
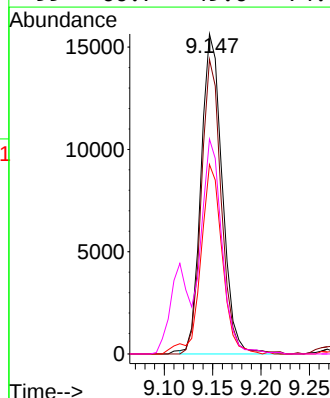
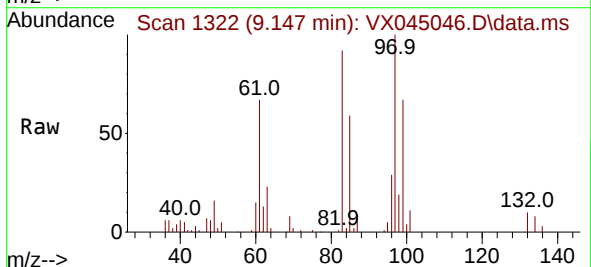
Delta R.T. -0.000 min

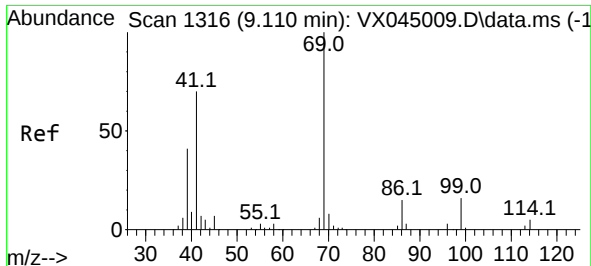
Lab File: VX045046.D

Acq: 26 Feb 2025 11:03

Tgt Ion: 97 Resp: 23844

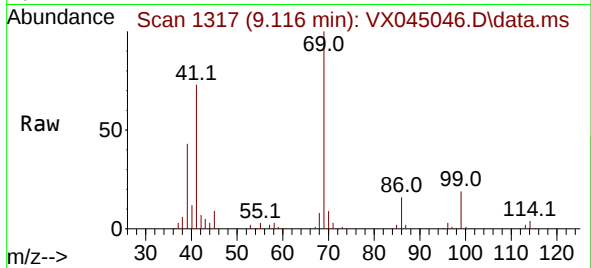
Ion	Ratio	Lower	Upper
97	100		
83	92.0	66.0	99.0
85	59.2	42.5	63.7
99	66.7	49.6	74.4





#51
Ethyl methacrylate
Concen: 19.922 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

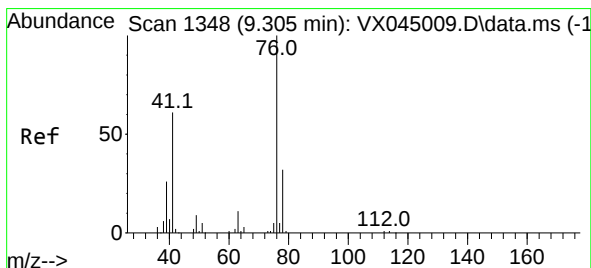
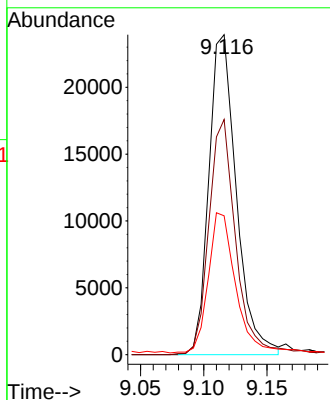
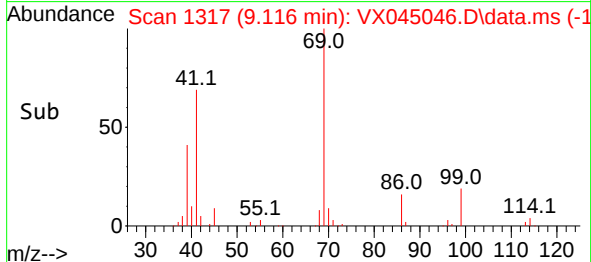
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01



Tgt Ion: 69 Resp: 3613
Ion Ratio Lower Upper
69 100
41 73.2 35.1 105.3
39 42.6 20.5 61.6

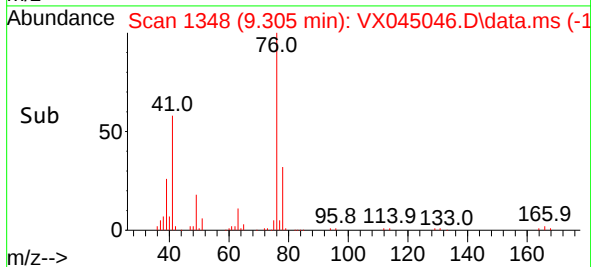
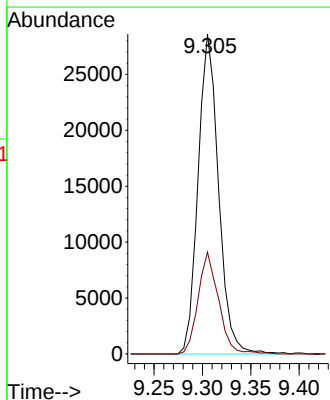
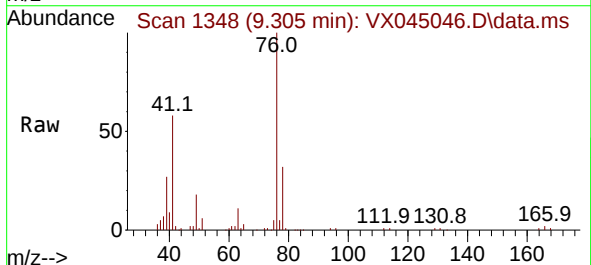
Manual Integrations
APPROVED

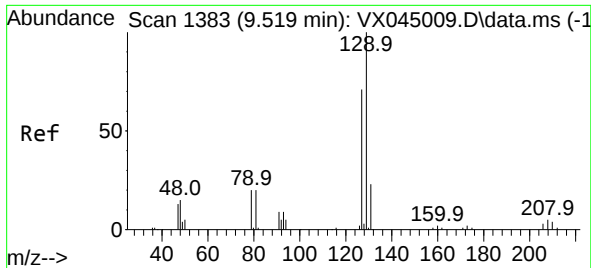
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#52
1,3-Dichloropropane
Concen: 20.855 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

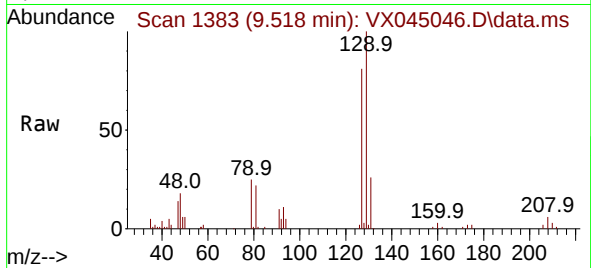
Tgt Ion: 76 Resp: 42144
Ion Ratio Lower Upper
76 100
78 31.3 0.0 63.6





#53
Dibromochloromethane
Concen: 20.054 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

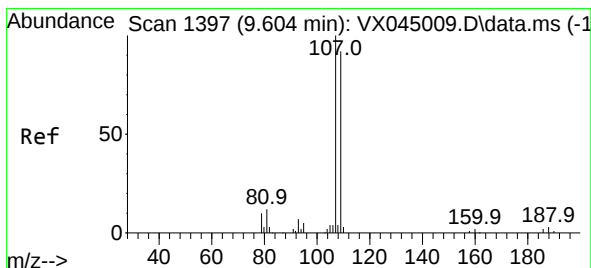
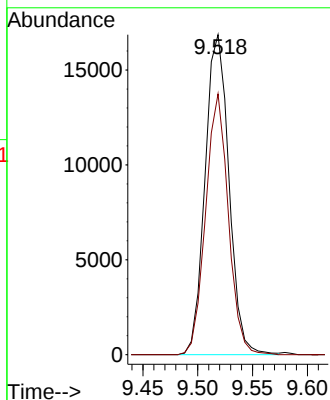
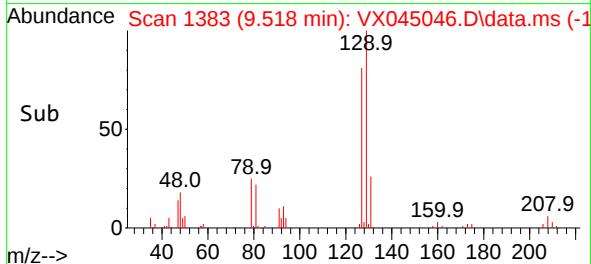
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01



Tgt Ion:129 Resp: 25580
Ion Ratio Lower Upper
129 100
127 77.4 37.3 111.9

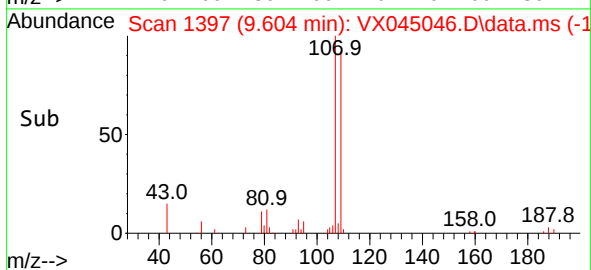
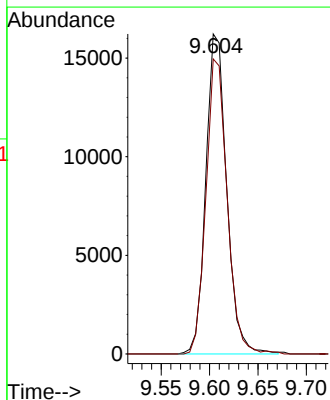
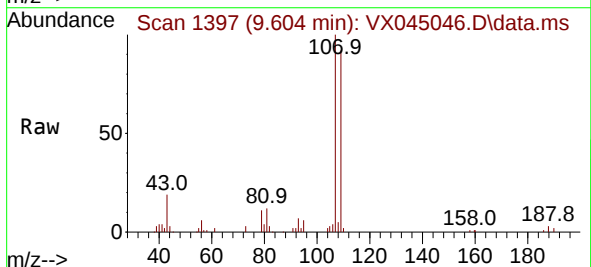
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#54
1,2-Dibromoethane
Concen: 20.844 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

Tgt Ion:107 Resp: 24411
Ion Ratio Lower Upper
107 100
109 93.1 75.8 113.8





#55

2-Chloroethyl vinyl ether

Concen: 95.644 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045046.D

Acq: 26 Feb 2025 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

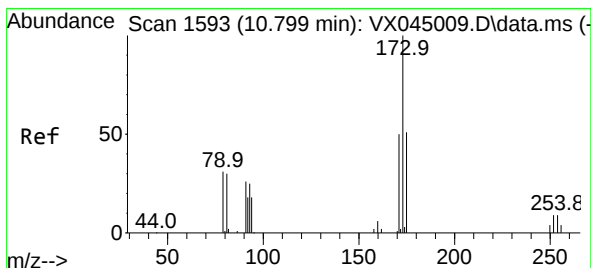
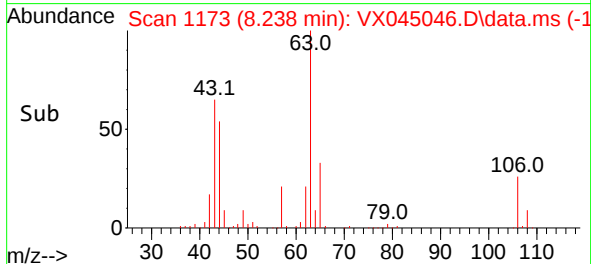
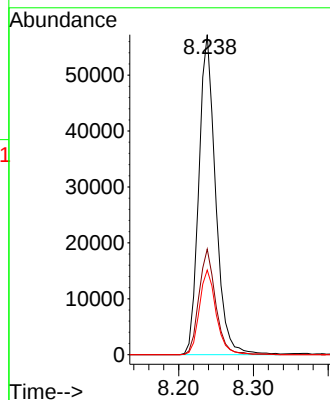
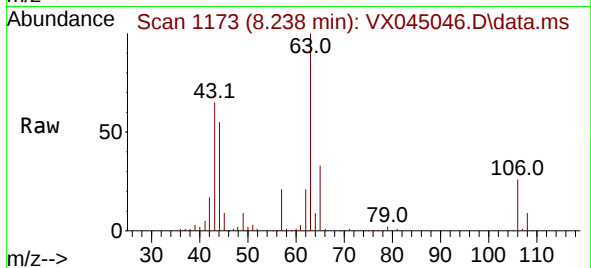
Tgt Ion:	63	Resp:	8908
Ion Ratio	Lower	Upper	
63	100		
65	32.8	26.2	39.2
106	26.3	21.2	31.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#56

Bromoform

Concen: 21.392 ug/l

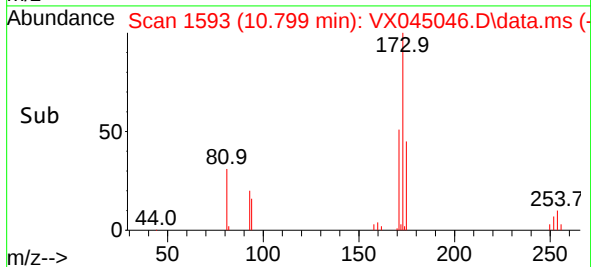
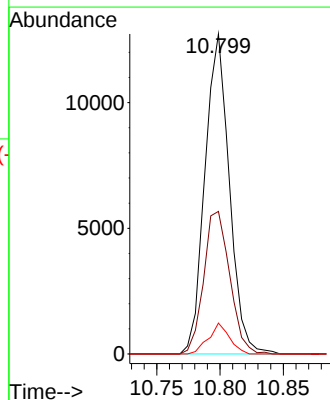
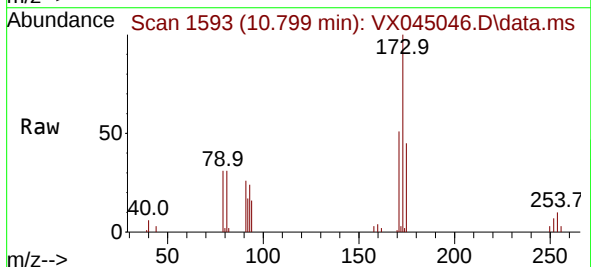
RT: 10.799 min Scan# 1593

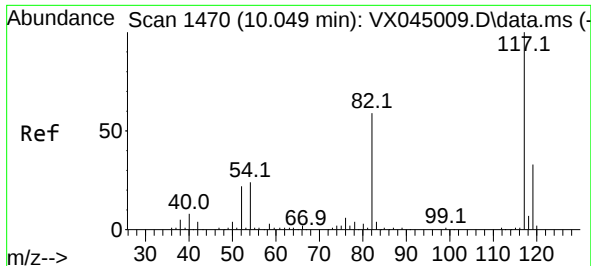
Delta R.T. -0.000 min

Lab File: VX045046.D

Acq: 26 Feb 2025 11:03

Tgt Ion:	173	Resp:	17098
Ion Ratio	Lower	Upper	
173	100		
175	47.5	39.6	59.4
254	8.2	6.3	9.5





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX045046.D

Acq: 26 Feb 2025 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

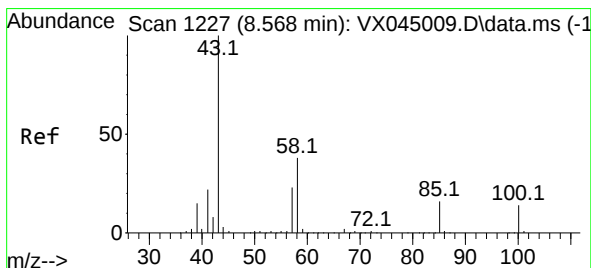
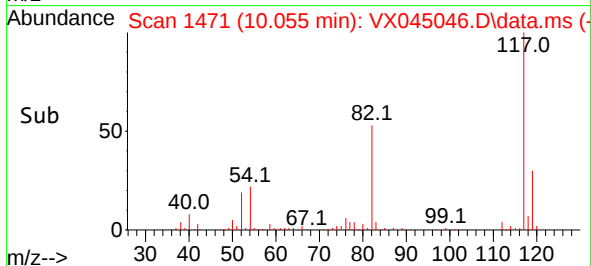
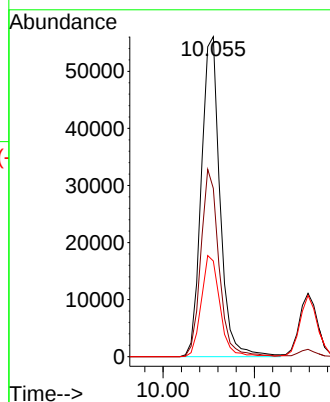
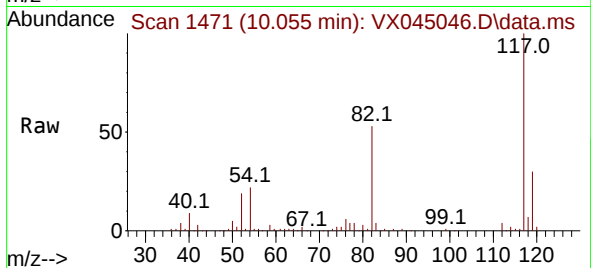
Tgt Ion:	117	Resp:	79610
Ion Ratio	Lower	Upper	
117	100		
82	56.7	45.8	68.8
119	31.3	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#58

4-Methyl-2-Pentanone

Concen: 117.131 ug/l

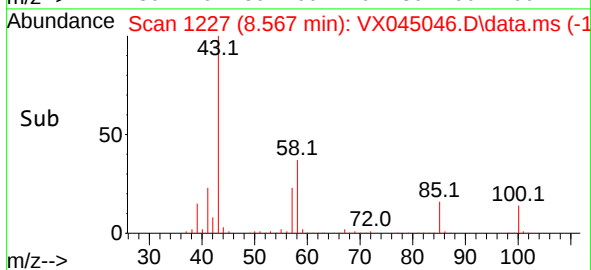
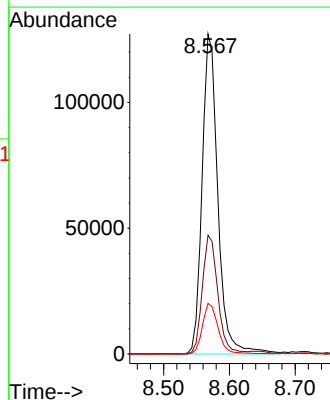
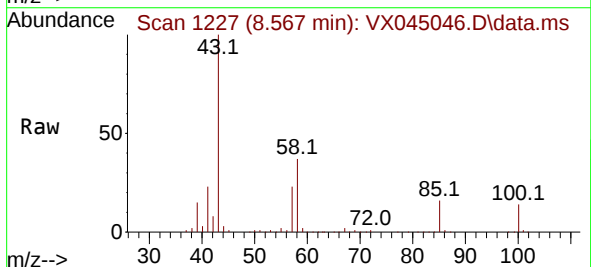
RT: 8.567 min Scan# 1227

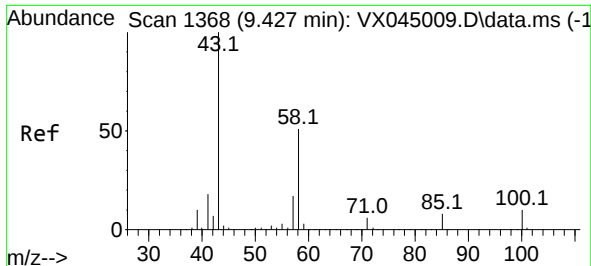
Delta R.T. -0.000 min

Lab File: VX045046.D

Acq: 26 Feb 2025 11:03

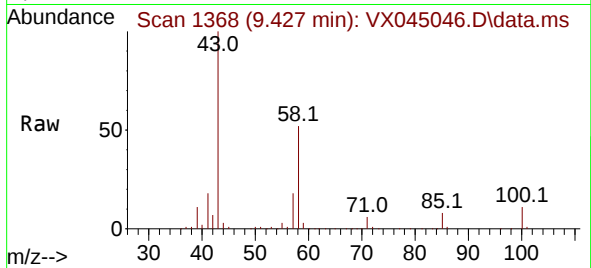
Tgt Ion:	43	Resp:	212120
Ion Ratio	Lower	Upper	
43	100		
58	36.6	29.5	44.3
85	15.7	12.9	19.3





#59
2-Hexanone
Concen: 120.927 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

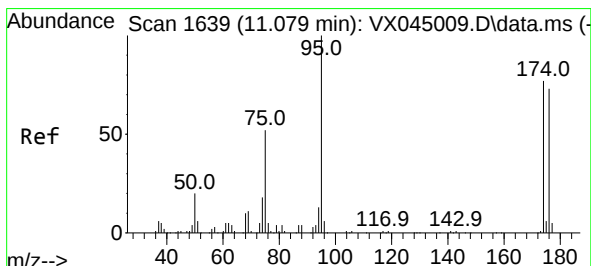
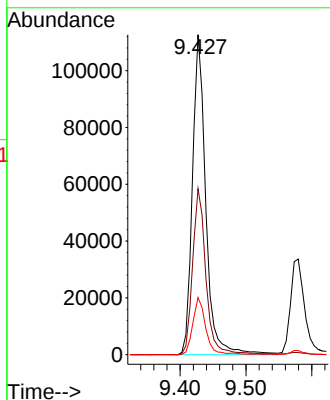
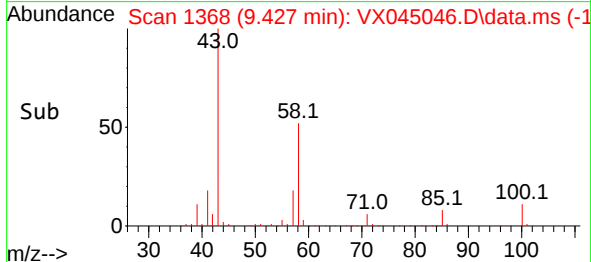
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01



Tgt Ion: 43 Resp: 15829
Ion Ratio Lower Upper
43 100
58 51.7 41.6 62.4
57 16.9 13.8 20.6

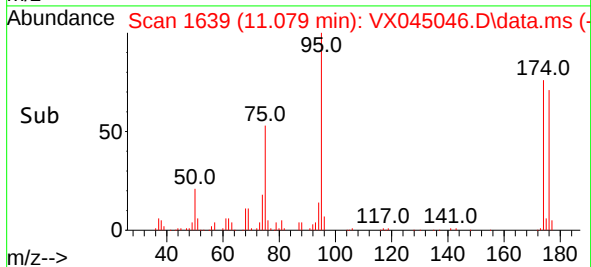
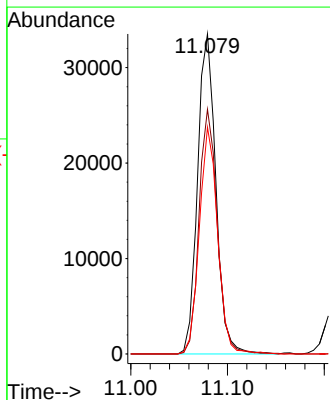
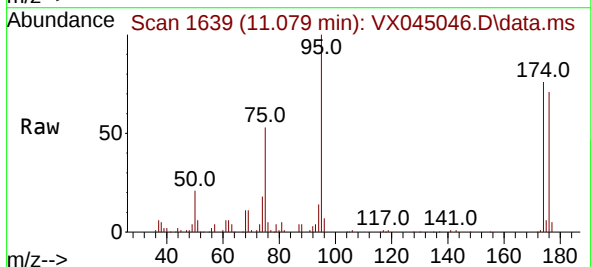
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#60
4-Bromofluorobenzene
Concen: 29.735 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

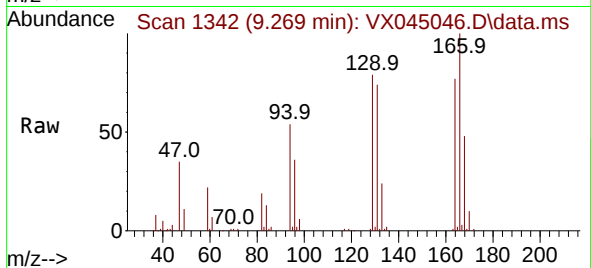
Tgt Ion: 95 Resp: 44246
Ion Ratio Lower Upper
95 100
174 75.6 59.5 89.3
176 70.2 55.5 83.3





#61
Tetrachloroethene
Concen: 19.459 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

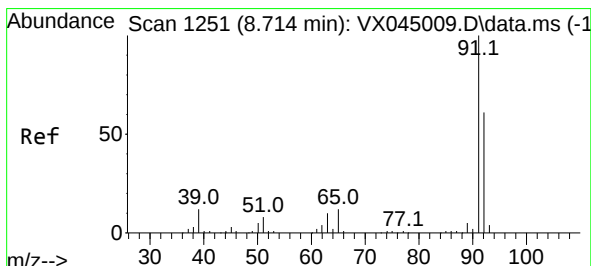
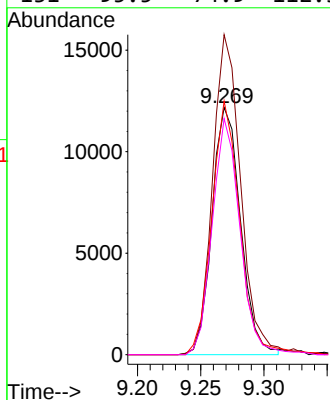
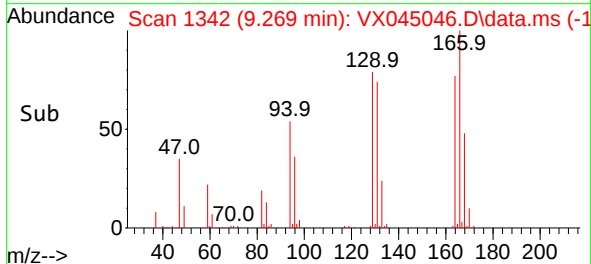
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01



Tgt Ion:164 Resp: 19070
Ion Ratio Lower Upper
164 100
166 129.5 100.3 150.5
129 102.6 75.5 113.3
131 95.5 74.9 112.3

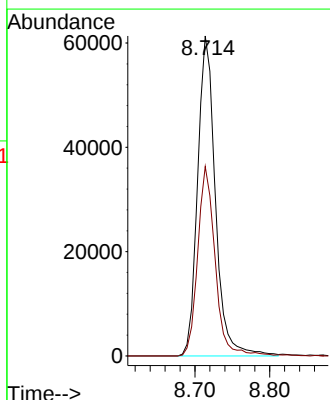
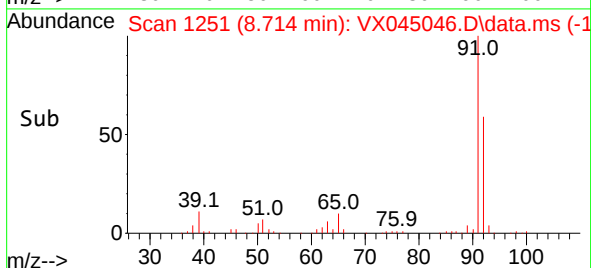
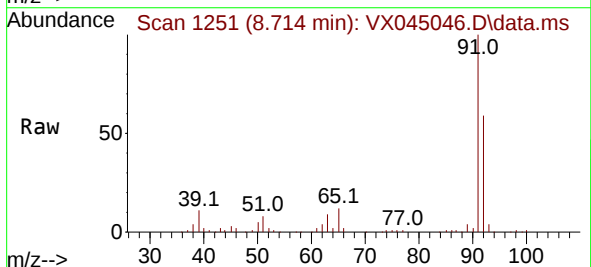
Manual Integrations
APPROVED

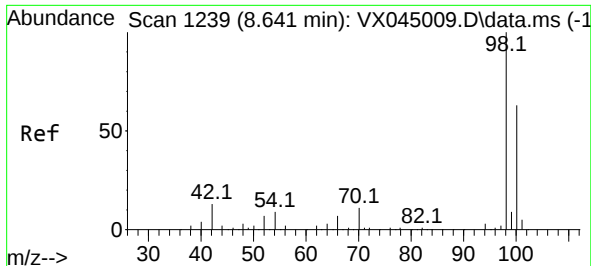
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#62
Toluene
Concen: 19.259 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

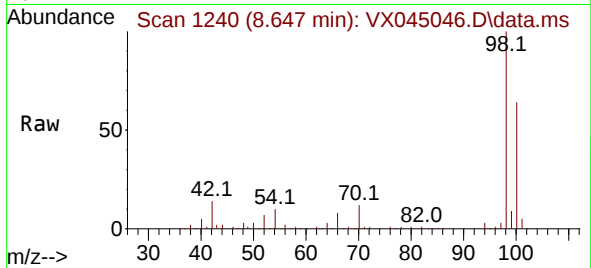
Tgt Ion: 91 Resp: 101566
Ion Ratio Lower Upper
91 100
92 57.3 46.9 70.3





#63
Toluene-d8
Concen: 29.844 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

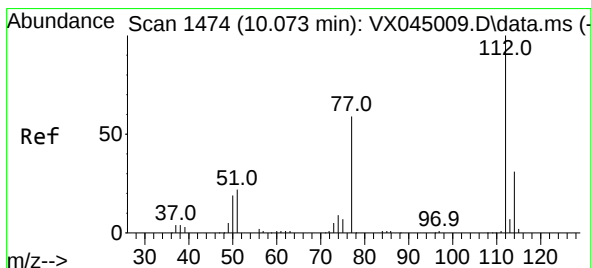
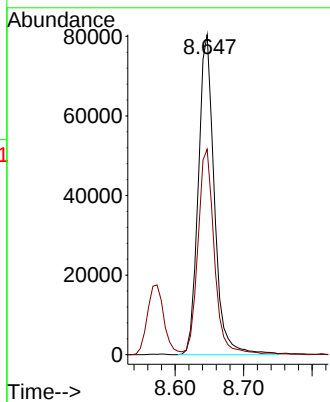
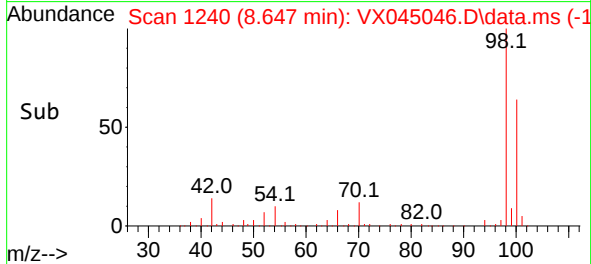
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01



Tgt Ion: 98 Resp: 13143
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5

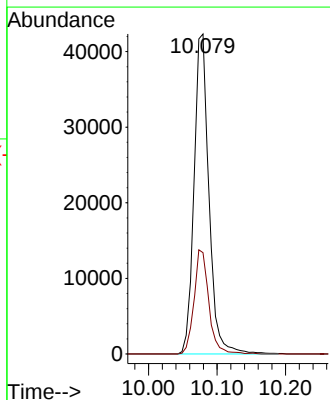
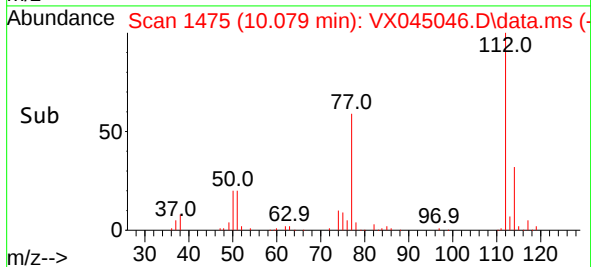
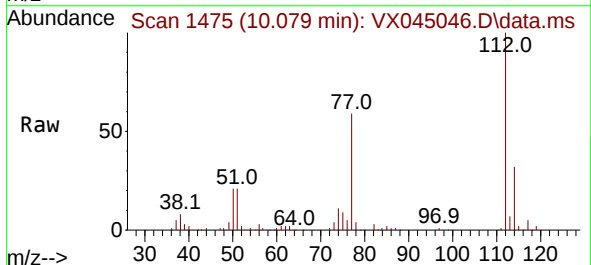
Manual Integrations
APPROVED

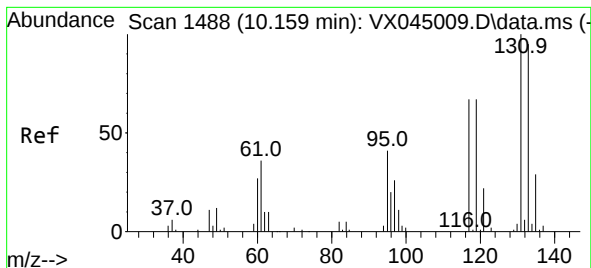
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#64
Chlorobenzene
Concen: 19.637 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

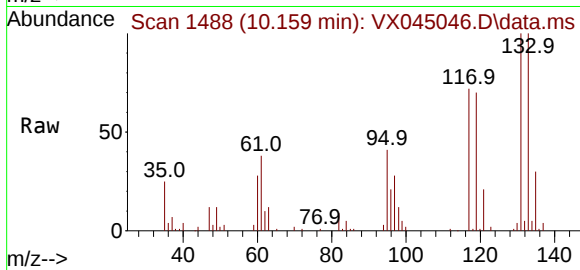
Tgt Ion:112 Resp: 64173
Ion Ratio Lower Upper
112 100
114 31.7 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 19.608 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

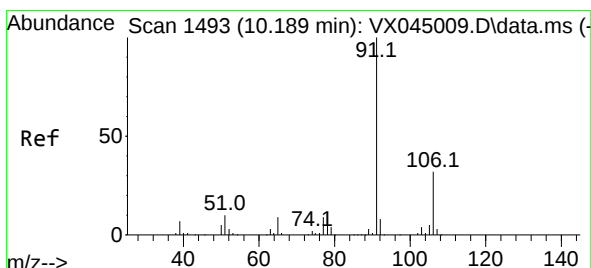
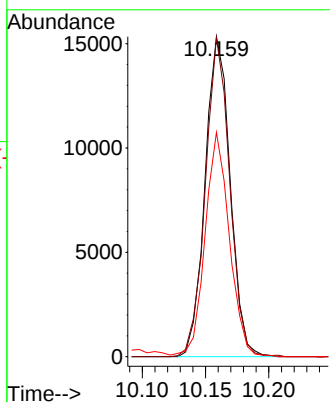
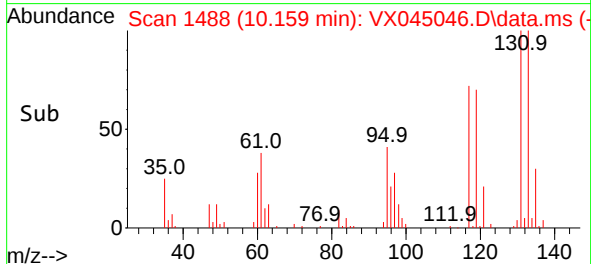
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01



Tgt Ion:131 Resp: 21144
Ion Ratio Lower Upper
131 100
133 97.1 0.0 187.8
119 67.8 0.0 133.0

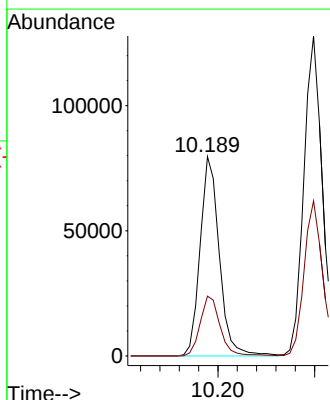
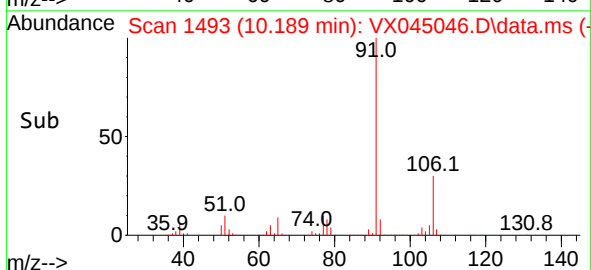
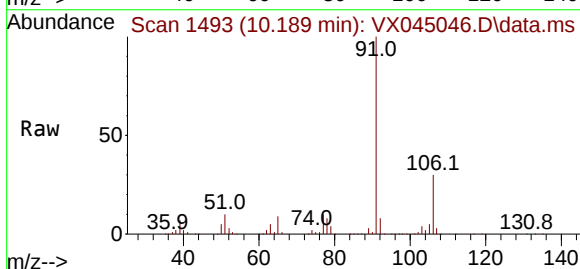
Manual Integrations
APPROVED

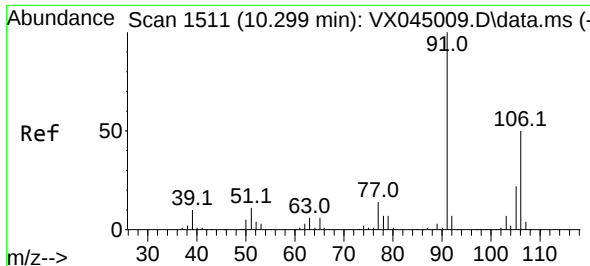
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#66
Ethyl Benzene
Concen: 19.106 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

Tgt Ion: 91 Resp: 110313
Ion Ratio Lower Upper
91 100
106 30.0 25.4 38.2





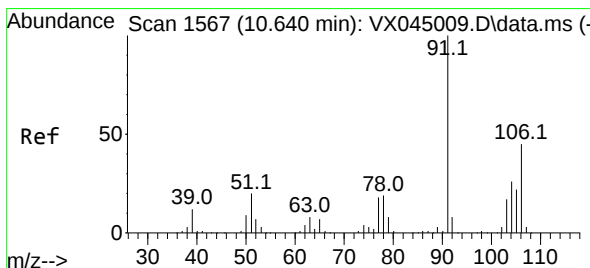
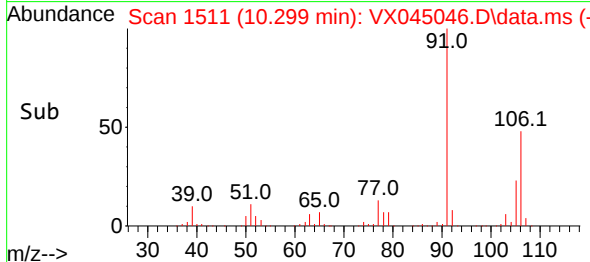
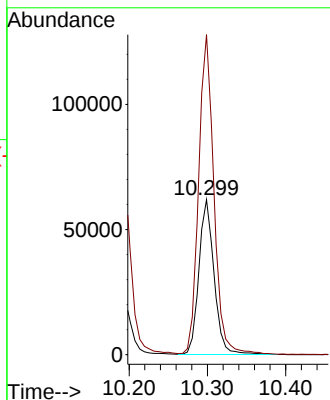
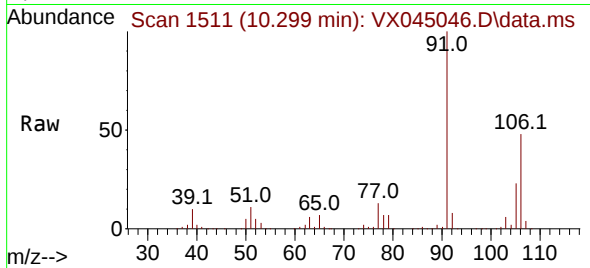
#67
m/p-Xylenes
Concen: 38.819 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01

Tgt Ion:106 Resp: 8350
Ion Ratio Lower Upper
106 100
91 207.0 163.7 245.5

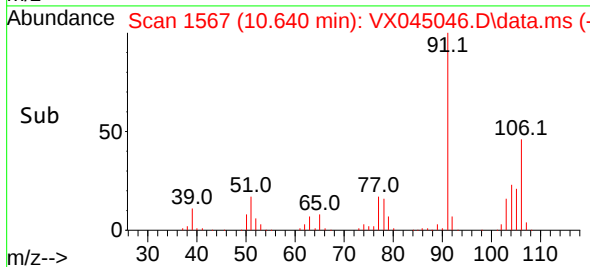
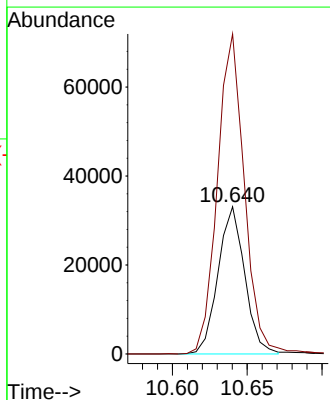
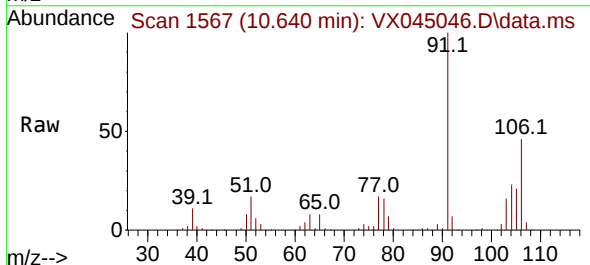
Manual Integrations
APPROVED

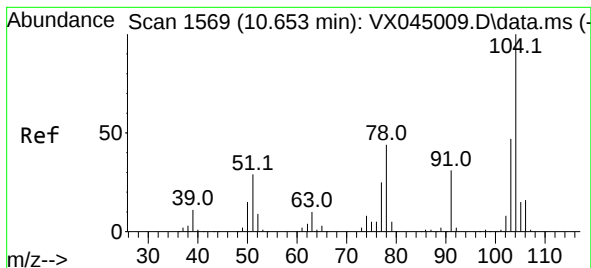
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#68
o-Xylene
Concen: 19.472 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

Tgt Ion:106 Resp: 41098
Ion Ratio Lower Upper
106 100
91 220.3 109.7 329.1





#69

Styrene

Concen: 19.861 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX045046.D

Acq: 26 Feb 2025 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

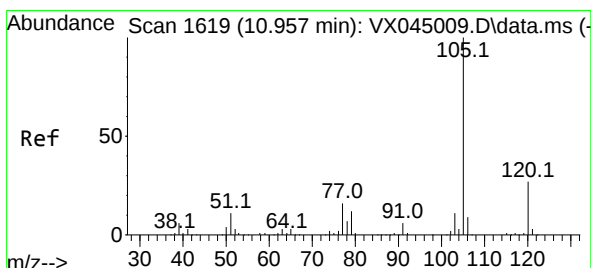
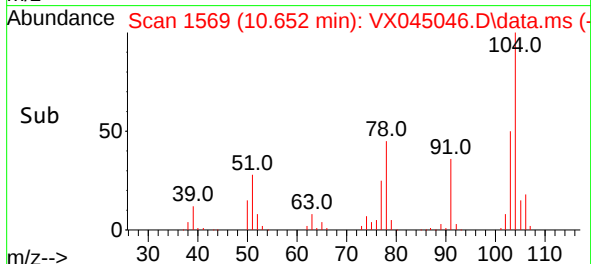
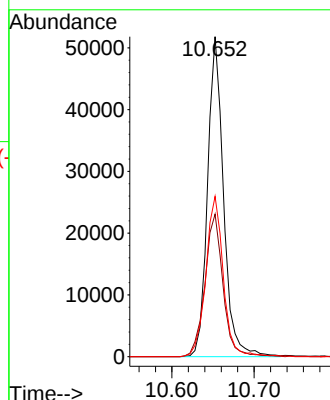
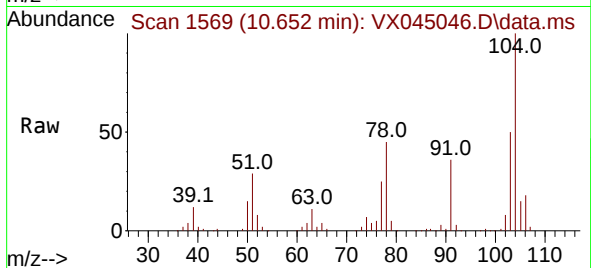
Tgt Ion:104	Resp:	7001
Ion Ratio	Lower	Upper
104	100	
78	50.3	41.4 62.0
103	54.9	43.0 64.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#70

Isopropylbenzene

Concen: 19.755 ug/l

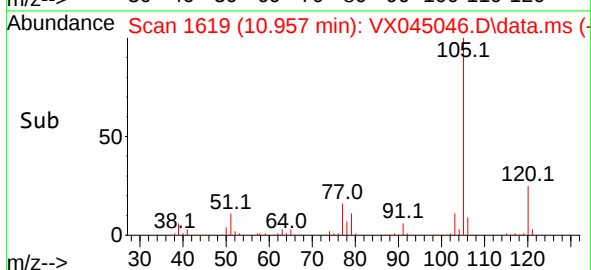
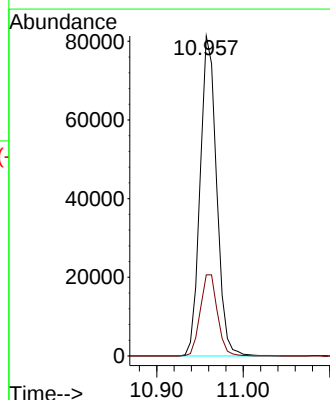
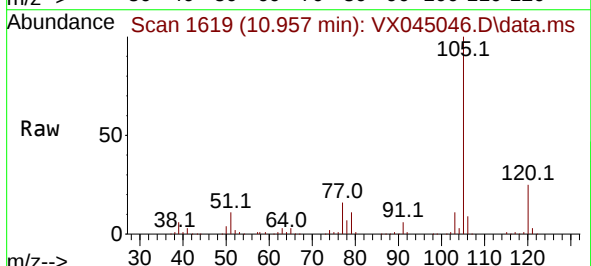
RT: 10.957 min Scan# 1619

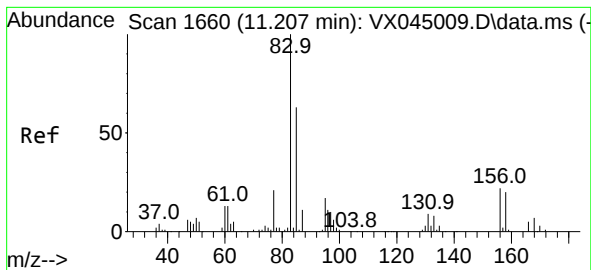
Delta R.T. -0.000 min

Lab File: VX045046.D

Acq: 26 Feb 2025 11:03

Tgt Ion:105	Resp:	107601
Ion Ratio	Lower	Upper
105	100	
120	26.4	18.4 34.2





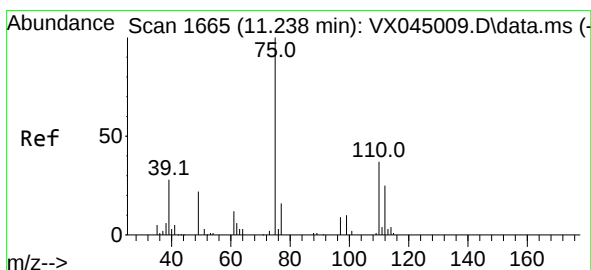
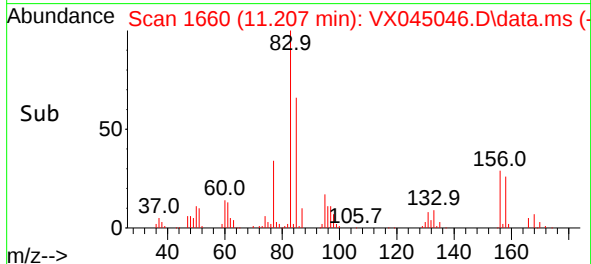
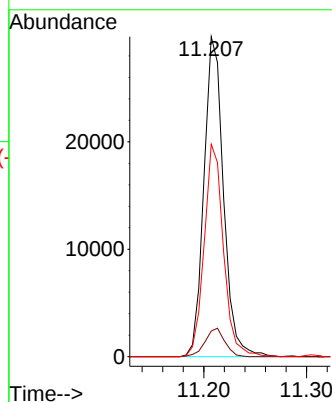
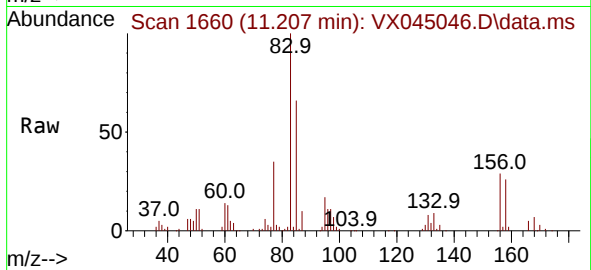
#71
1,1,2,2-Tetrachloroethane
Concen: 22.047 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01

Tgt Ion: 83 Resp: 3948
Ion Ratio Lower Upper
83 100
131 9.0 4.8 14.3
85 65.4 32.3 96.8

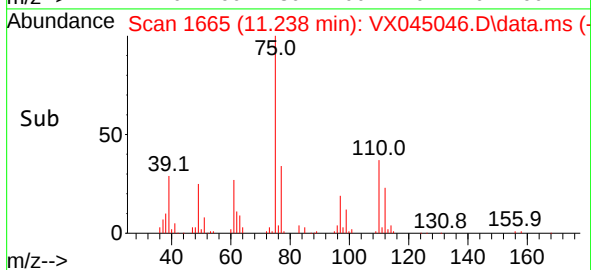
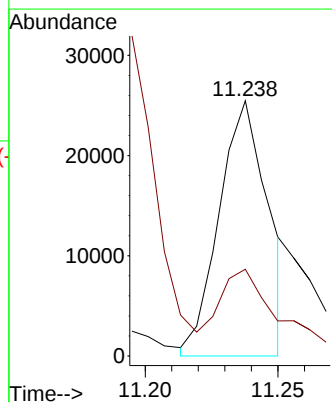
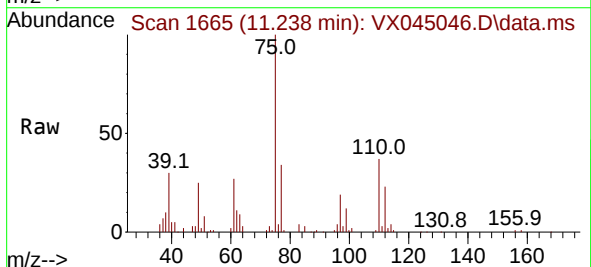
Manual Integrations
APPROVED

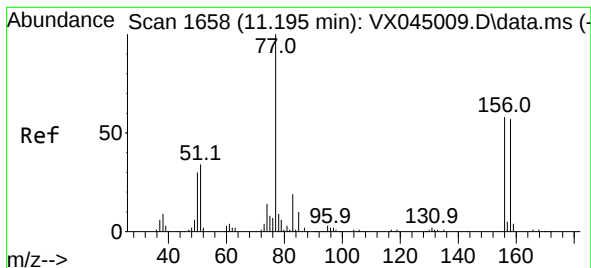
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#72
1,2,3-Trichloropropane
Concen: 22.046 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

Tgt Ion: 75 Resp: 32477
Ion Ratio Lower Upper
75 100
77 42.6 0.0 84.0





#73

Bromobenzene

Concen: 20.620 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX045046.D

Acq: 26 Feb 2025 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

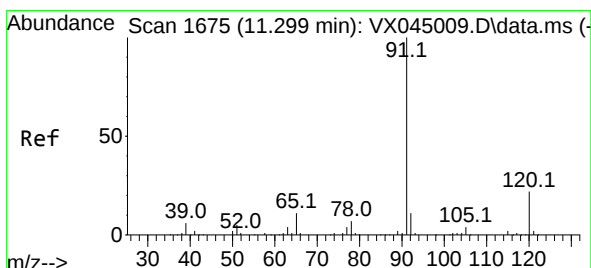
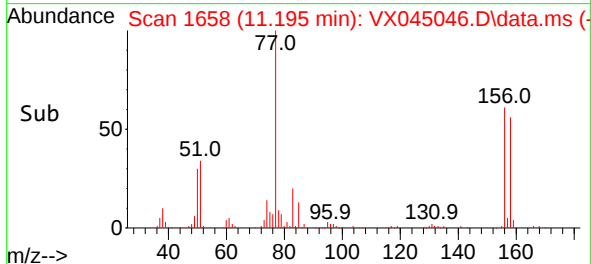
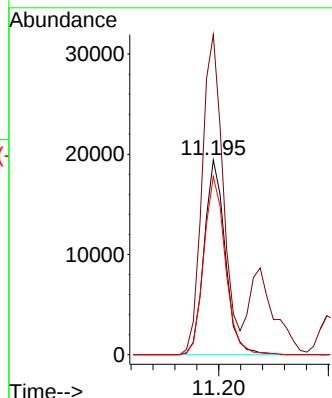
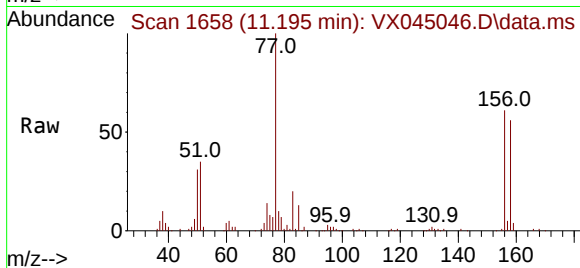
Tgt Ion:	156	Resp:	2585
Ion Ratio	Lower	Upper	
156	100		
77	164.6	0.0	347.2
158	94.1	0.0	197.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#74

n-propylbenzene

Concen: 19.108 ug/l

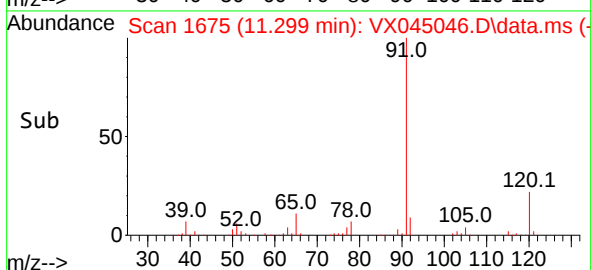
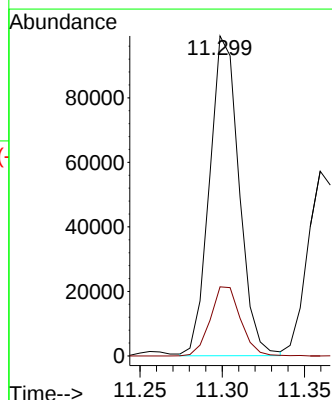
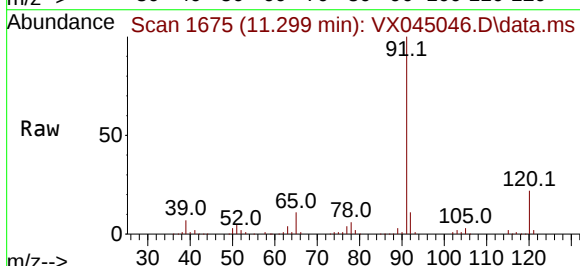
RT: 11.299 min Scan# 1675

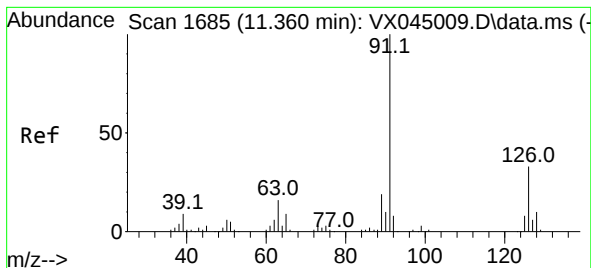
Delta R.T. -0.000 min

Lab File: VX045046.D

Acq: 26 Feb 2025 11:03

Tgt Ion:	91	Resp:	123853
Ion Ratio	Lower	Upper	
91	100		
120	22.2	0.0	44.2





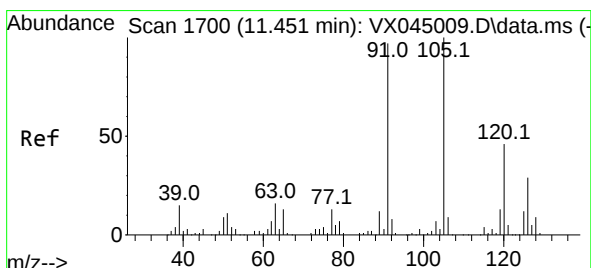
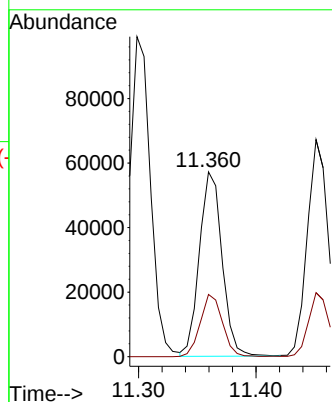
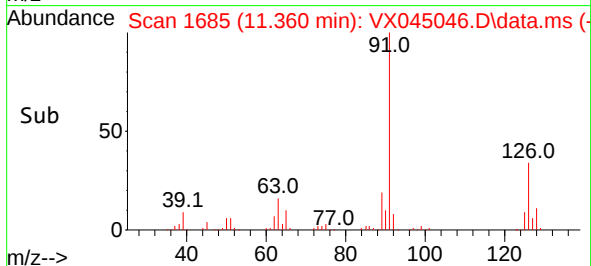
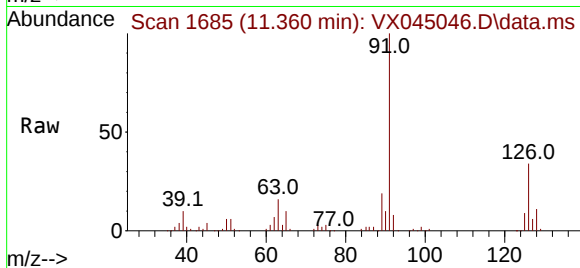
#75
2-Chlorotoluene
Concen: 19.592 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01

Tgt Ion: 91 Resp: 76774
Ion Ratio Lower Upper
91 100
126 33.1 0.0 65.4

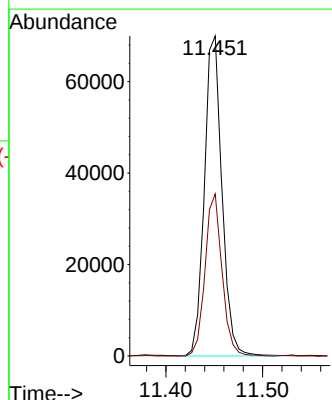
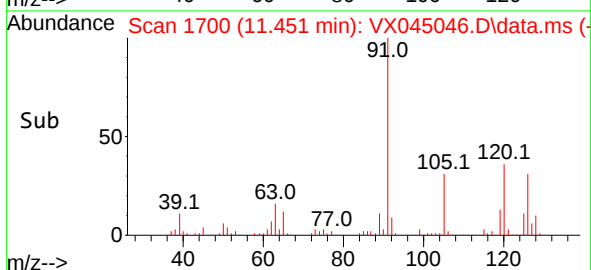
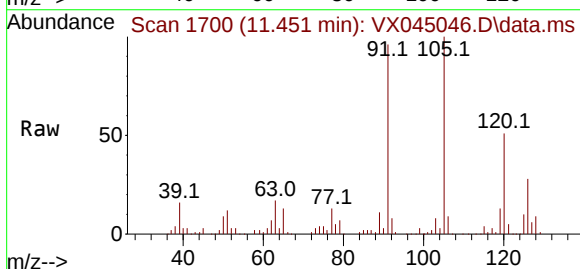
Manual Integrations
APPROVED

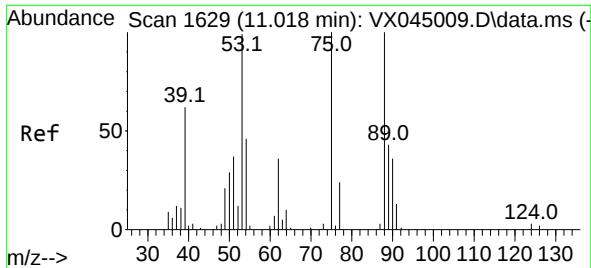
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.761 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

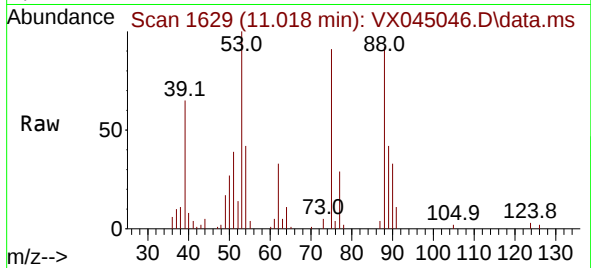
Tgt Ion:105 Resp: 88797
Ion Ratio Lower Upper
105 100
120 48.9 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 21.024 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

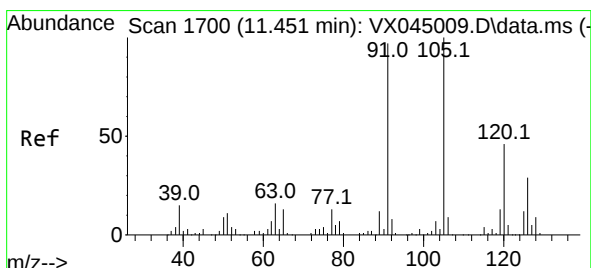
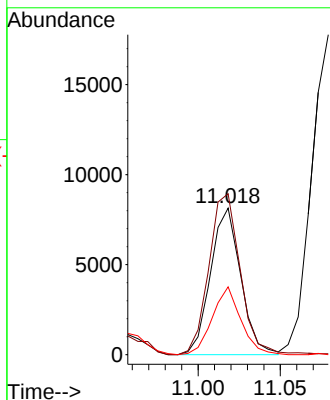
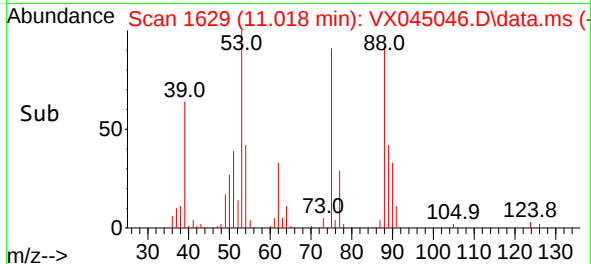
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01



Tgt Ion: 75 Resp: 10420
Ion Ratio Lower Upper
75 100
53 109.8 49.8 149.4
89 46.3 21.4 64.2

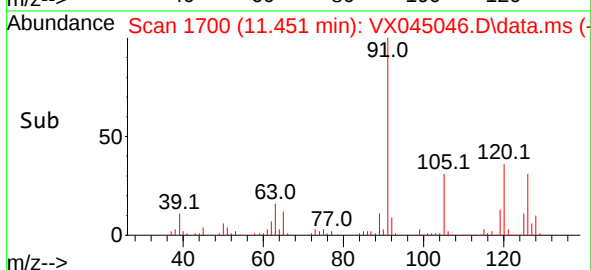
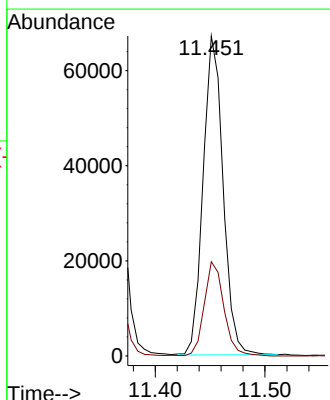
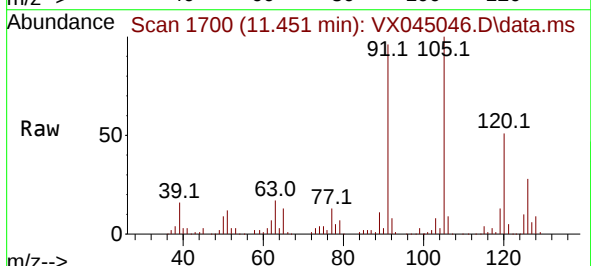
Manual Integrations
APPROVED

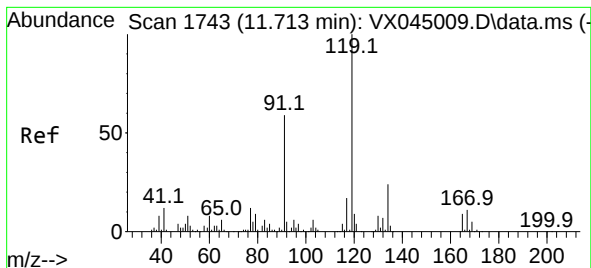
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#78
4-Chlorotoluene
Concen: 19.406 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

Tgt Ion: 91 Resp: 84767
Ion Ratio Lower Upper
91 100
126 29.1 0.0 58.0





#79

tert-butylbenzene

Concen: 19.901 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX045046.D

Acq: 26 Feb 2025 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBSD01

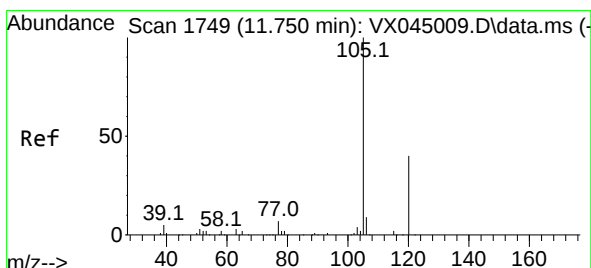
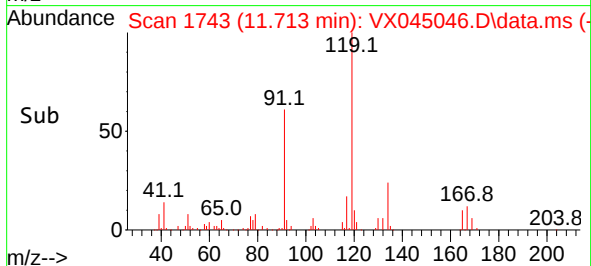
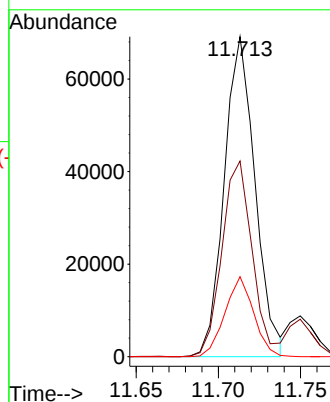
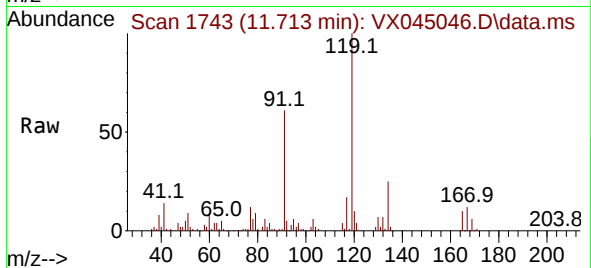
Tgt Ion:	119	Resp:	9010
Ion Ratio	Lower	Upper	
119	100		
91	59.3	0.0	120.6
134	23.3	0.0	48.2

Manual Integrations

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Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#80

1,2,4-Trimethylbenzene

Concen: 19.803 ug/l

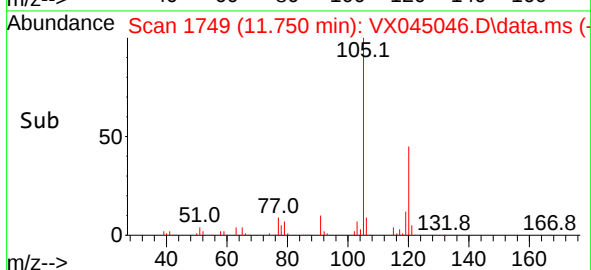
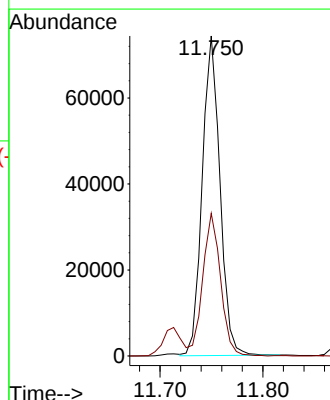
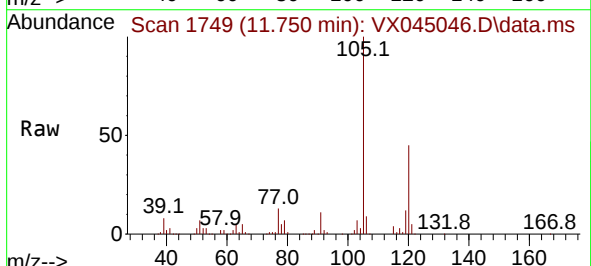
RT: 11.750 min Scan# 1749

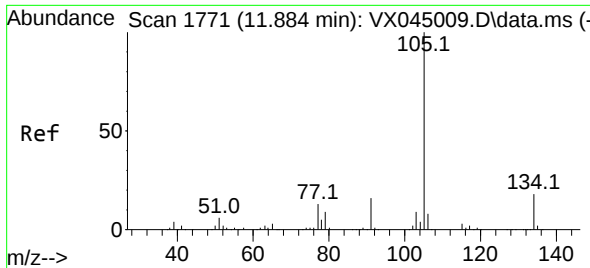
Delta R.T. -0.000 min

Lab File: VX045046.D

Acq: 26 Feb 2025 11:03

Tgt Ion:	105	Resp:	89135
Ion Ratio	Lower	Upper	
105	100		
120	45.0	0.0	88.4





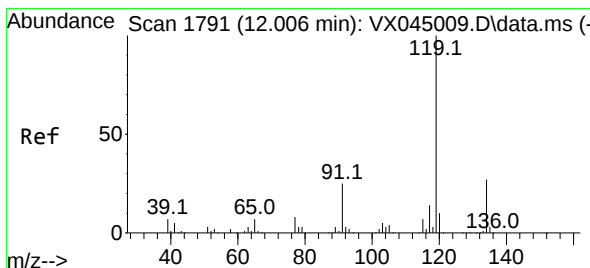
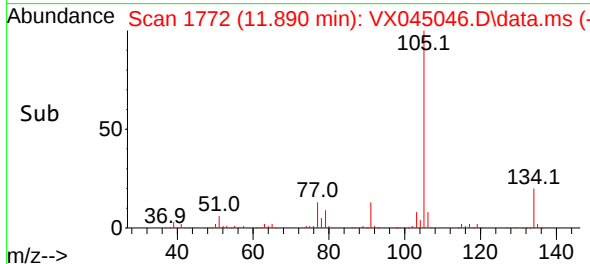
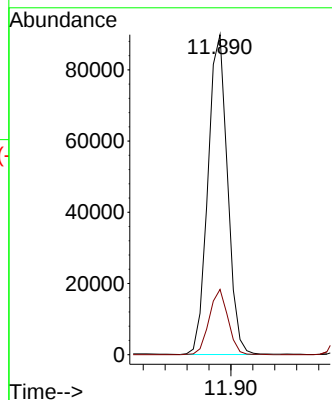
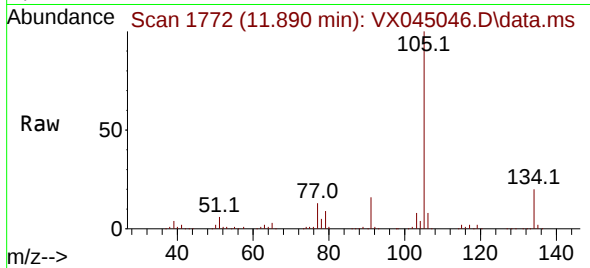
#81
 sec-Butylbenzene
 Concen: 19.611 ug/l
 RT: 11.890 min Scan# 111434
 Delta R.T. 0.006 min
 Lab File: VX045046.D
 Acq: 26 Feb 2025 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBSD01

Tgt Ion:105 Resp: 111434
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 39.0

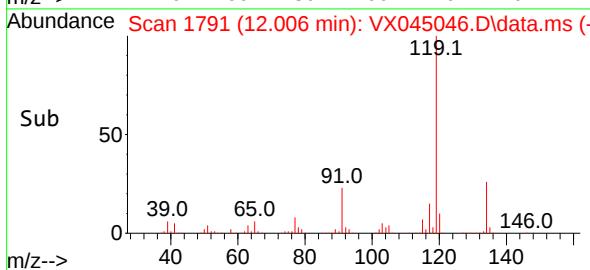
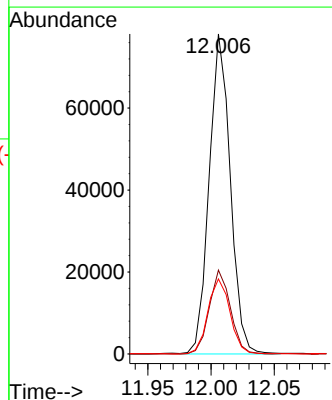
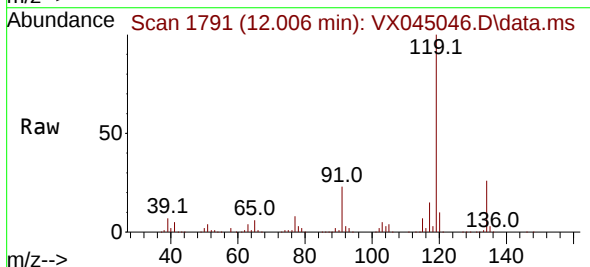
Manual Integrations
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Reviewed By :John Carlone 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025



#82
 p-Isopropyltoluene
 Concen: 19.700 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045046.D
 Acq: 26 Feb 2025 11:03

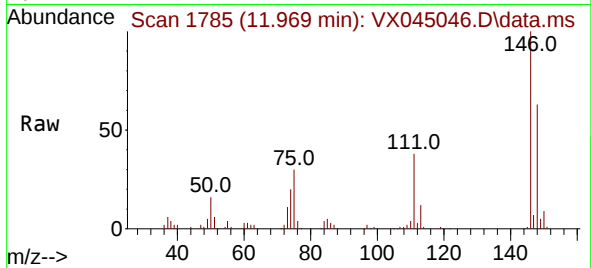
Tgt Ion:119 Resp: 90700
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 52.6
 91 24.6 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 19.988 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

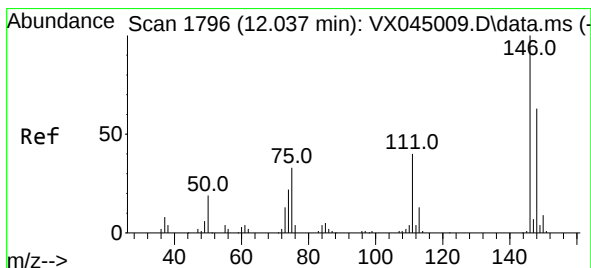
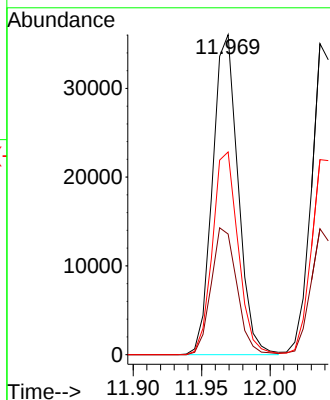
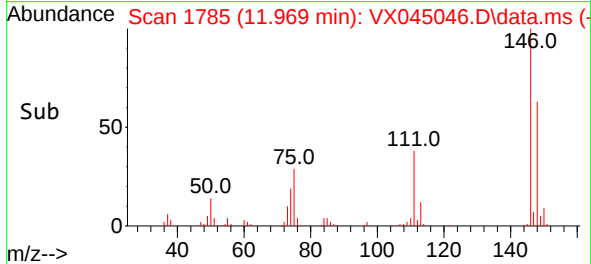
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01



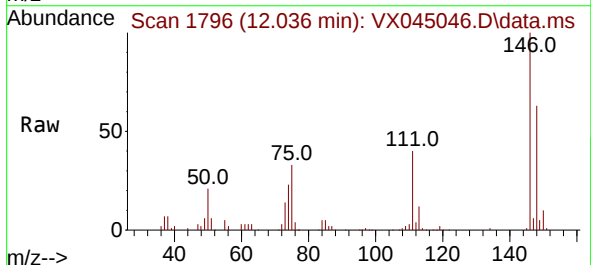
Tgt Ion:146 Resp: 4663
Ion Ratio Lower Upper
146 100
111 40.2 20.2 60.5
148 64.1 31.2 93.6

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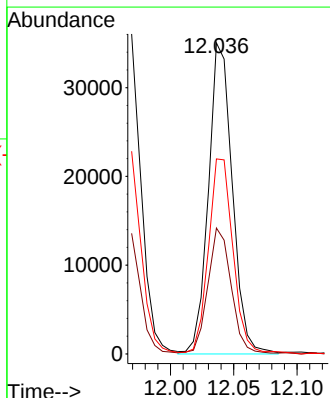
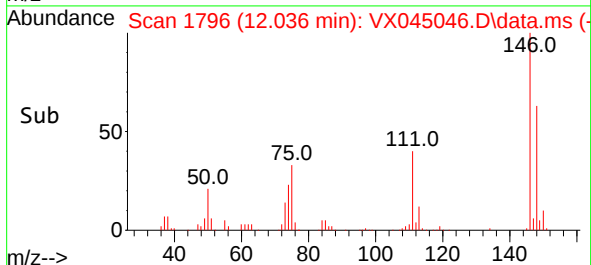
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

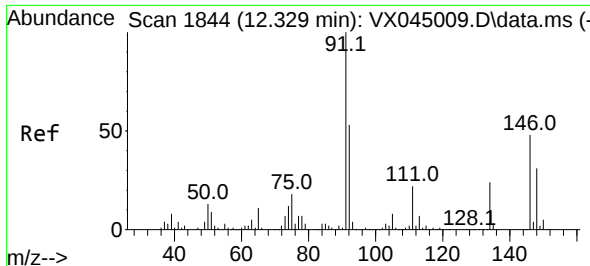


#84
1,4-Dichlorobenzene
Concen: 20.057 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03



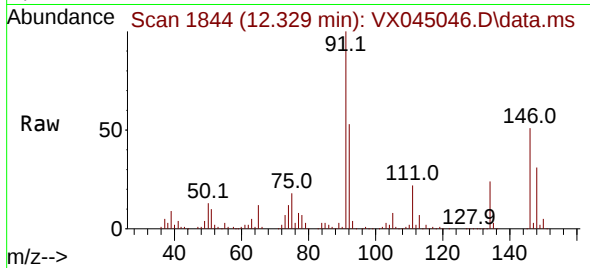
Tgt Ion:146 Resp: 46137
Ion Ratio Lower Upper
146 100
111 39.3 20.4 61.2
148 62.6 31.8 95.4





#85
n-Butylbenzene
Concen: 18.761 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

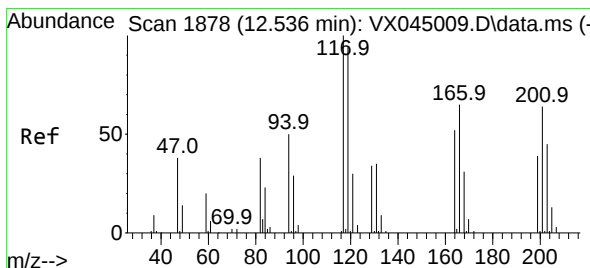
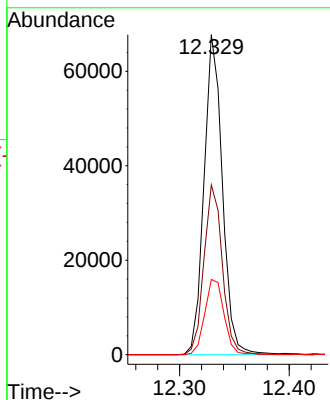
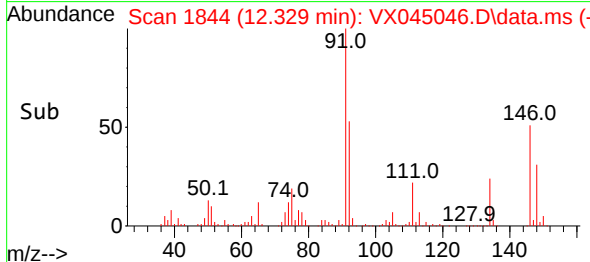
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01



Tgt Ion: 91 Resp: 78874
Ion Ratio Lower Upper
91 100
92 53.3 0.0 105.2
134 24.5 0.0 49.4

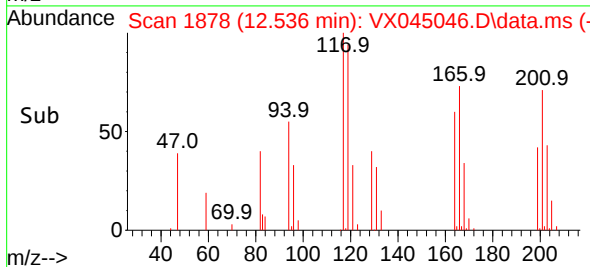
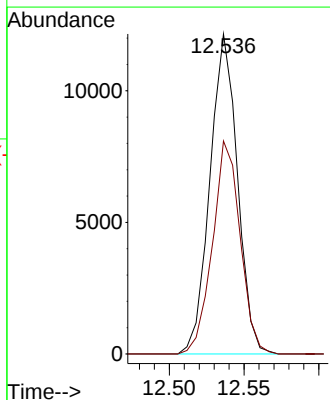
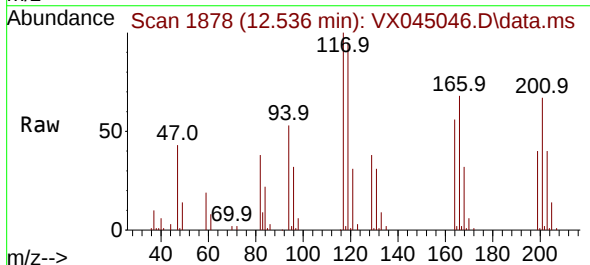
Manual Integrations
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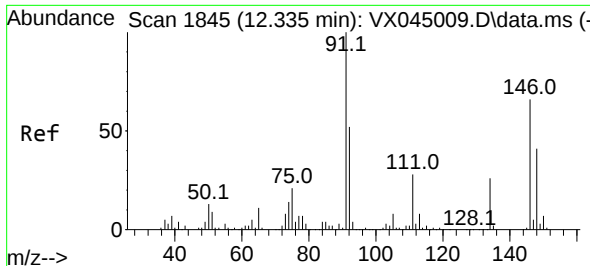
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#86
Hexachloroethane
Concen: 19.159 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

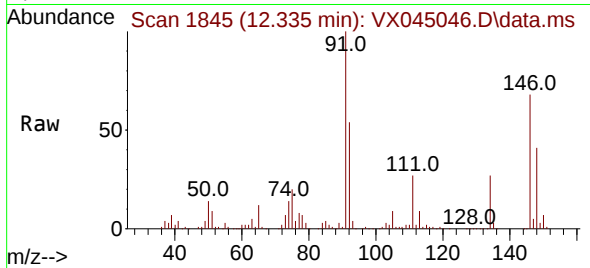
Tgt Ion:117 Resp: 15556
Ion Ratio Lower Upper
117 100
201 67.0 32.6 97.7





#87
1,2-Dichlorobenzene
Concen: 21.047 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

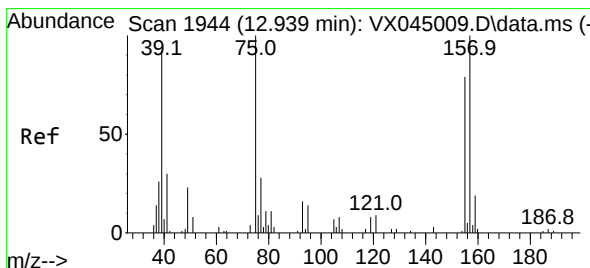
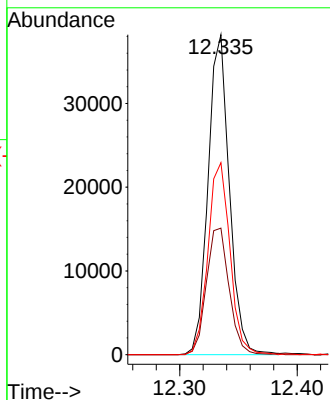
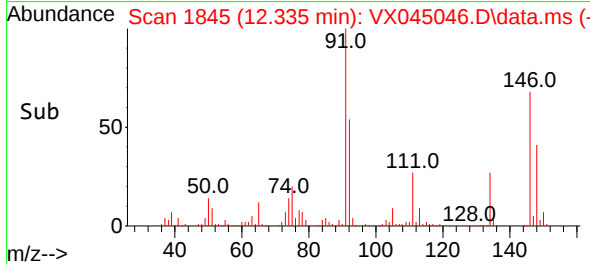
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01



Tgt Ion:146 Resp: 48179
Ion Ratio Lower Upper
146 100
111 42.3 21.7 65.1
148 62.1 31.8 95.4

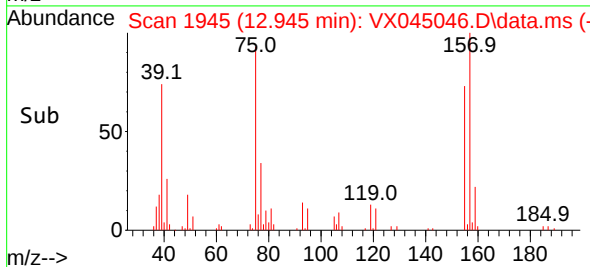
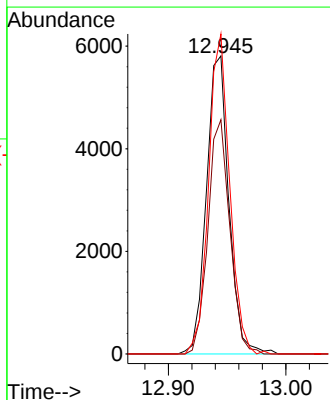
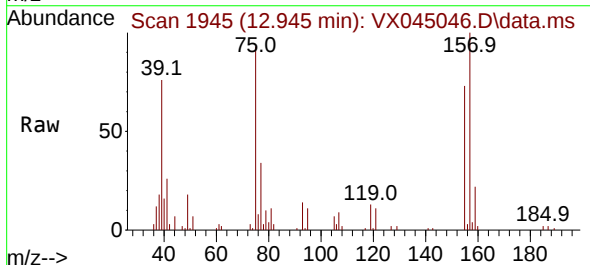
Manual Integrations
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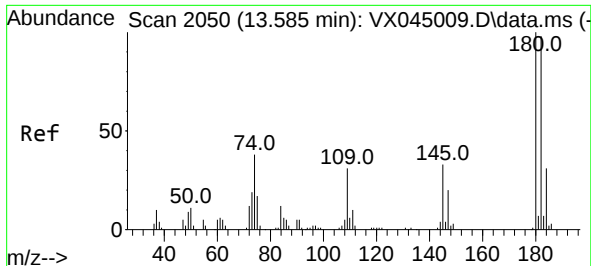
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 22.279 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

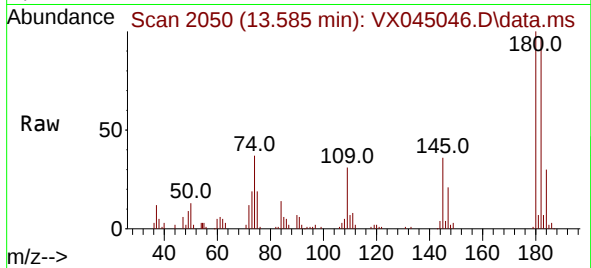
Tgt Ion: 75 Resp: 7726
Ion Ratio Lower Upper
75 100
155 76.4 66.2 99.4
157 100.2 81.4 122.2





#89
1,2,4-Trichlorobenzene
Concen: 18.828 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

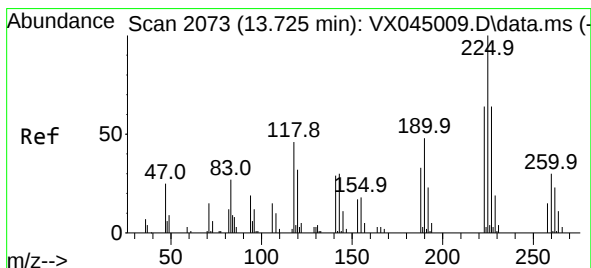
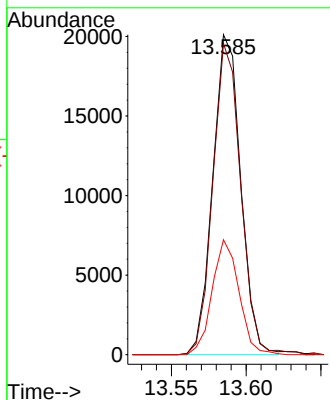
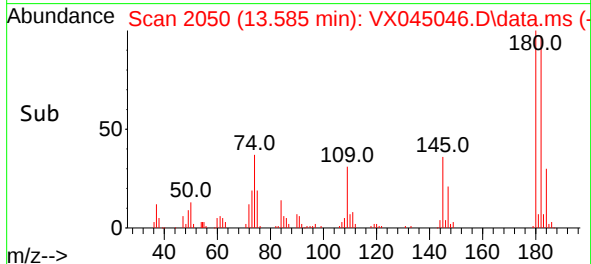
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01



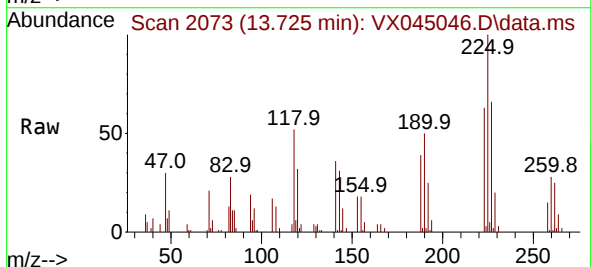
Tgt Ion:180 Resp: 2612
Ion Ratio Lower Upper
180 100
182 96.8 77.7 116.5
145 34.4 25.8 38.6

Manual Integrations
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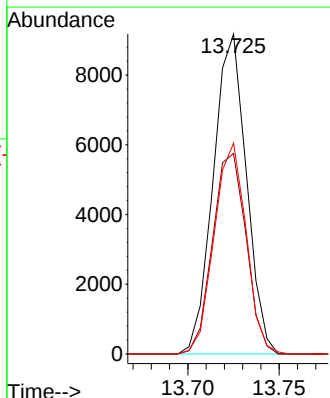
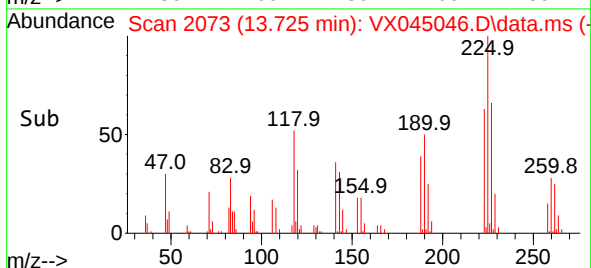
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

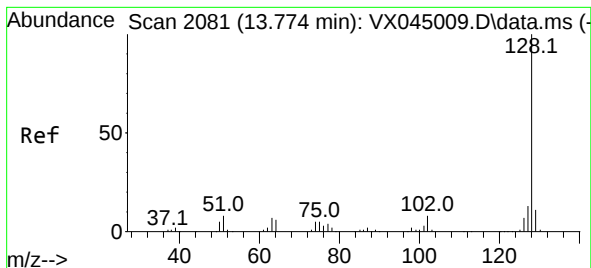


#90
Hexachlorobutadiene
Concen: 20.453 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03



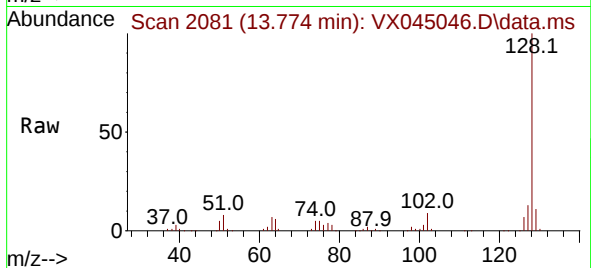
Tgt Ion:225 Resp: 11572
Ion Ratio Lower Upper
225 100
223 63.5 0.0 123.4
227 63.7 0.0 127.4





#91
Naphthalene
Concen: 20.611 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03

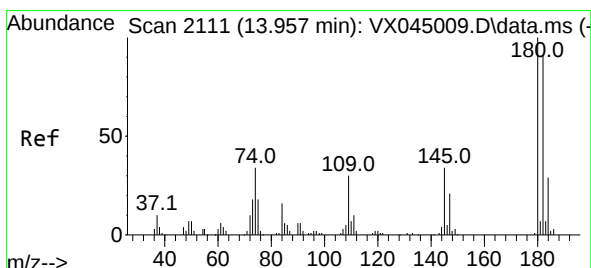
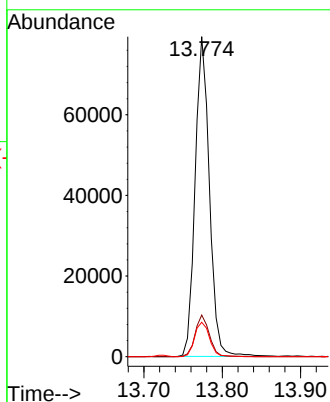
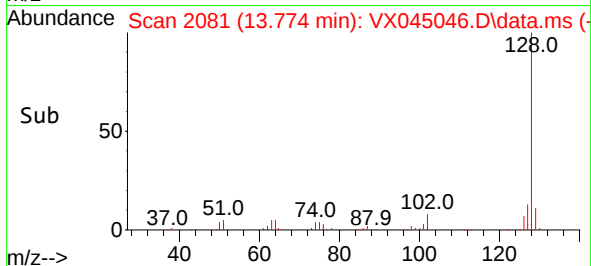
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBSD01



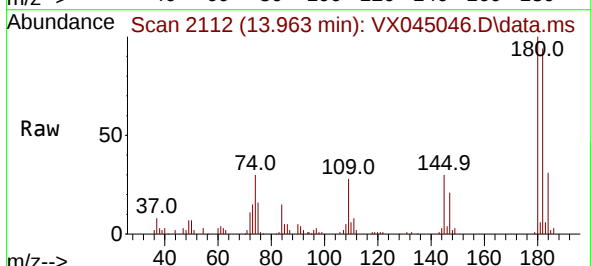
Tgt Ion:128 Resp: 100820
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.3 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#92
1,2,3-Trichlorobenzene
Concen: 19.147 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045046.D
Acq: 26 Feb 2025 11:03



Tgt Ion:180 Resp: 27347
Ion Ratio Lower Upper
180 100
182 94.3 0.0 186.6
145 33.4 0.0 68.4

