

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031925\
 Data File : VX045341.D
 Acq On : 19 Mar 2025 11:41
 Operator : JC/MD
 Sample : VX0319WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/20/2025
 Supervised By : Mahesh Dadoda 03/20/2025

Quant Time: Mar 20 01:31:55 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	4.891	128	18710	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	97348	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	87335	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	58087	31.965	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.533%			
60) 4-Bromofluorobenzene	11.079	95	50712	31.066	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 103.567%			
63) Toluene-d8	8.647	98	150287	31.105	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	27543	17.463	ug/l	97
3) Chloromethane	1.306	50	28787	15.238	ug/l	98
4) Vinyl Chloride	1.373	62	28568	15.672	ug/l	99
5) Bromomethane	1.593	94	12784	20.147	ug/l	97
6) Chloroethane	1.666	64	16301	16.511	ug/l	94
7) Trichlorofluoromethane	1.873	101	42772	17.458	ug/l	99
8) Diethyl Ether	2.129	74	14742	15.903	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.318	101	27937	19.199	ug/l	99
10) 1,1-Dichloroethene	2.312	96	25457	17.911	ug/l	91
11) Methyl Iodide	2.446	142	31061	19.309	ug/l	99
12) Methyl Acetate	2.702	43	51249	31.051	ug/l	100
13) Acrolein	2.233	56	34448	104.128	ug/l	99
14) Acrylonitrile	3.062	53	85508	106.065	ug/l	99
15) Acetone	2.379	58	27200	123.020	ug/l	93
16) Carbon Disulfide	2.501	76	59047	14.646	ug/l	99
17) Allyl chloride	2.660	41	48978	18.424	ug/l	100
18) Methylene Chloride	2.782	84	29343	18.355	ug/l	93
19) trans-1,2-Dichloroethene	3.080	96	25174	17.507	ug/l	89
20) Diisopropyl ether	3.757	45	95879	18.769	ug/l	94
21) 1,1-Dichloroethane	3.605	63	53526	18.840	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	31543	18.305	ug/l	96
23) tert-Butyl Alcohol	2.971	59	24683	87.702	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	88622	19.104	ug/l	96
25) Chloroform	5.086	83	53809	19.609	ug/l	94
26) Cyclohexane	5.458	56	47478	18.105	ug/l #	96
29) 1,1-Dichloropropene	5.684	75	35508	19.829	ug/l	99
30) 2-Butanone	4.556	43	124731	120.592	ug/l #	96
31) 2,2-Dichloropropane	4.464	77	38109	18.821	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	45029	20.753	ug/l	96
33) Carbon Tetrachloride	5.671	117	37350	20.397	ug/l	98
34) Benzene	6.031	78	111274	19.815	ug/l	99
35) Methacrylonitrile	4.915	41	24698	22.314	ug/l	93
36) 1,2-Dichloroethane	6.080	62	43307	22.525	ug/l	96
37) Trichloroethene	7.116	130	25366	19.308	ug/l	99
38) Methylcyclohexane	7.372	83	46548	19.359	ug/l	99
39) 1,2-Dichloropropane	7.427	63	27000	19.339	ug/l	97
40) Dibromomethane	7.580	93	21007	20.968	ug/l	99
41) Bromodichloromethane	7.817	83	41380	20.781	ug/l	97
42) Vinyl Acetate	3.714	43	385398	96.020	ug/l	99

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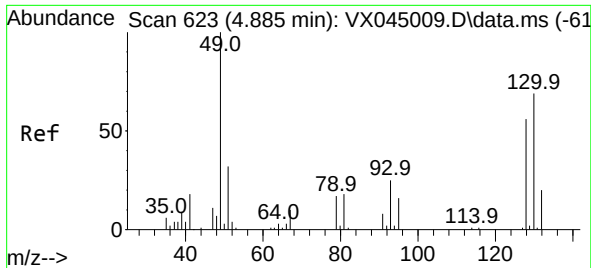
Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/20/2025
 Supervised By : Mahesh Dadoda 03/20/2025

Quant Time: Mar 20 01:31:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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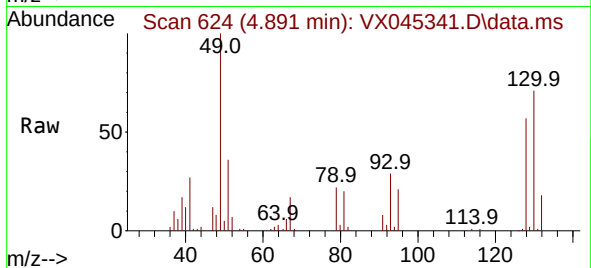
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	42770	22.050	ug/l	96
44) Isopropyl Acetate	6.336	43	68513	21.461	ug/l	96
45) 1,4-Dioxane	7.659	88	11324	341.216	ug/l	95
46) Methyl methacrylate	7.689	41	34428	21.993	ug/l	95
47) n-amyl Acetate	10.841	43	52245	18.859	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	35099	18.287	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	40766	18.763	ug/l	96
50) 1,1,2-Trichloroethane	9.146	97	26276	20.107	ug/l	91
51) Ethyl methacrylate	9.116	69	40819	19.861	ug/l	97
52) 1,3-Dichloropropane	9.305	76	47347	20.677	ug/l	99
53) Dibromochloromethane	9.518	129	28807	19.931	ug/l	95
54) 1,2-Dibromoethane	9.610	107	27720	20.889	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	134939	127.852	ug/l	99
56) Bromoform	10.799	173	17591	19.423	ug/l	98
58) 4-Methyl-2-Pentanone	8.567	43	232649	117.104	ug/l	98
59) 2-Hexanone	9.427	43	168179	117.117	ug/l	98
61) Tetrachloroethene	9.268	164	22715	21.122	ug/l	92
62) Toluene	8.714	91	117162	20.251	ug/l	97
64) Chlorobenzene	10.079	112	70773	19.741	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.158	131	23503	19.868	ug/l	97
66) Ethyl Benzene	10.189	91	128869	20.346	ug/l	94
67) m/p-Xylenes	10.299	106	95456	40.449	ug/l	97
68) o-Xylene	10.640	106	46776	20.202	ug/l	99
69) Styrene	10.652	104	75588	19.546	ug/l	95
70) Isopropylbenzene	10.957	105	122673	20.530	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	41766	21.256	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	34845m	21.561	ug/l	
73) Bromobenzene	11.195	156	26203	19.049	ug/l	91
74) n-propylbenzene	11.298	91	144108	20.266	ug/l	98
75) 2-Chlorotoluene	11.359	91	87403	20.332	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	101121	20.514	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	10179	18.721	ug/l	80
78) 4-Chlorotoluene	11.451	91	94815	19.786	ug/l	98
79) tert-butylbenzene	11.713	119	100381	20.210	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	97734	19.793	ug/l	99
81) sec-Butylbenzene	11.890	105	125693	20.164	ug/l	99
82) p-Isopropyltoluene	12.006	119	100832	19.964	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	49719	19.427	ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	48044	19.039	ug/l	99
85) n-Butylbenzene	12.329	91	89565	19.419	ug/l	99
86) Hexachloroethane	12.536	117	16666	18.710	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	49194	19.590	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.938	75	8326	21.886	ug/l	88
89) 1,2,4-Trichlorobenzene	13.585	180	28116	18.473	ug/l	98
90) Hexachlorobutadiene	13.725	225	12380	19.946	ug/l	99
91) Naphthalene	13.774	128	103348	19.257	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	29175	18.620	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

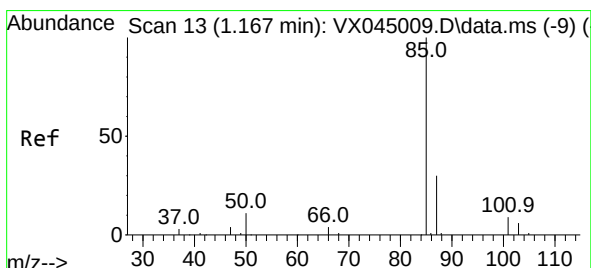
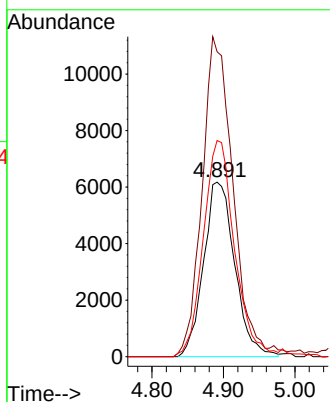
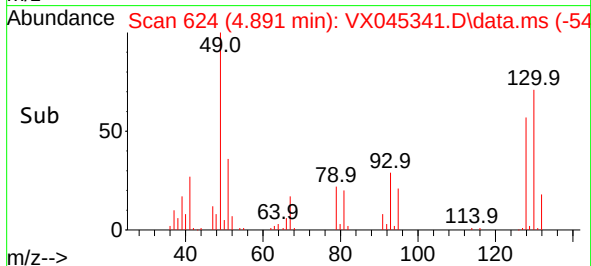
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01



Tgt Ion:128 Resp: 18710
Ion Ratio Lower Upper
128 100
49 178.7 0.0 449.7
130 124.0 0.0 312.7

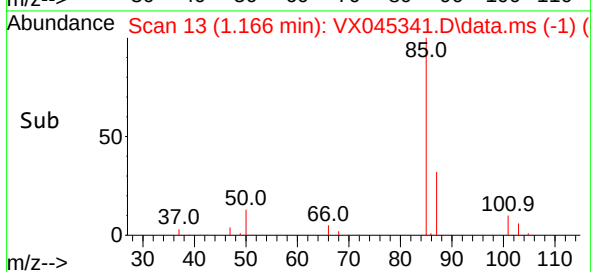
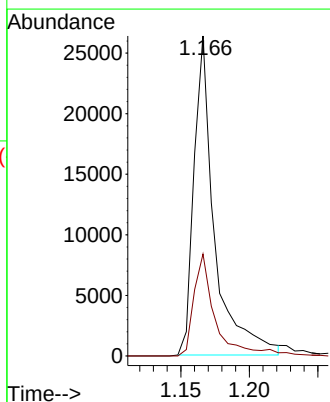
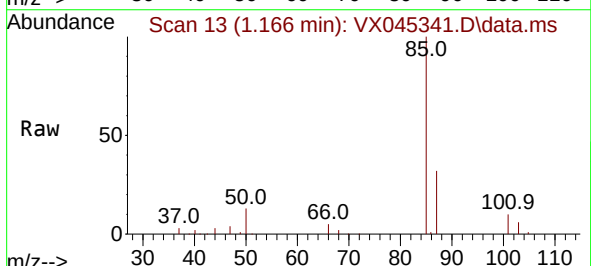
Manual Integrations
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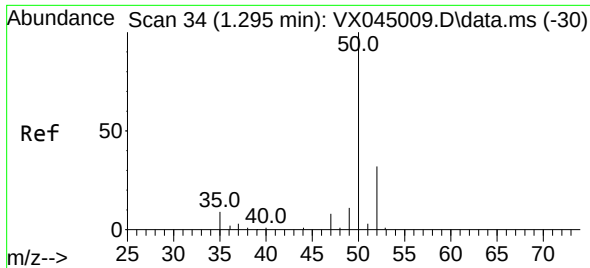
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#2
Dichlorodifluoromethane
Concen: 17.463 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

Tgt Ion: 85 Resp: 27543
Ion Ratio Lower Upper
85 100
87 32.0 15.1 45.3





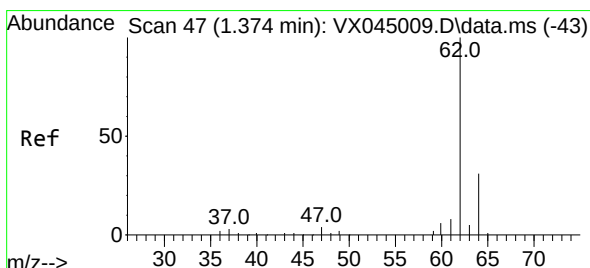
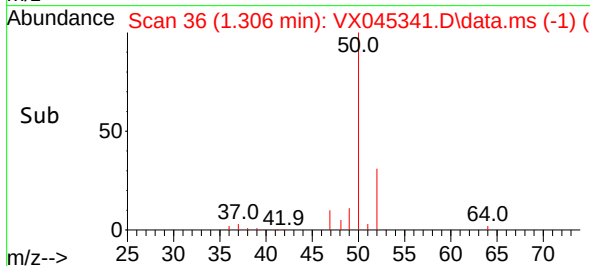
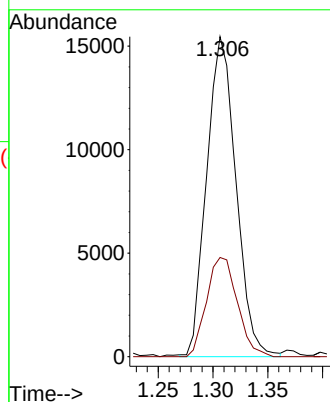
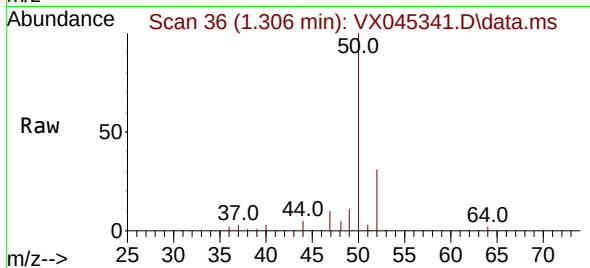
#3
Chloromethane
Concen: 15.238 ug/l
RT: 1.306 min Scan# 30
Delta R.T. 0.012 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01

Tgt Ion: 50 Resp: 2878
Ion Ratio Lower Upper
50 100
52 31.2 25.7 38.5

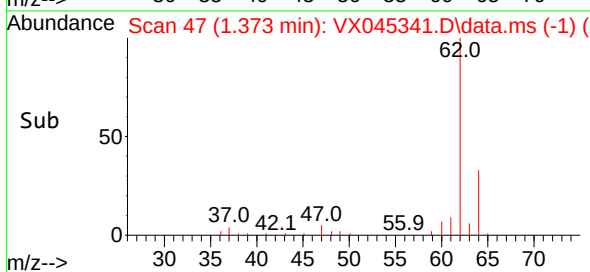
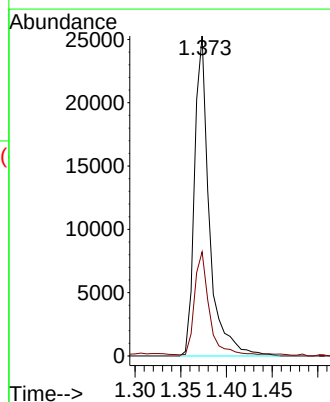
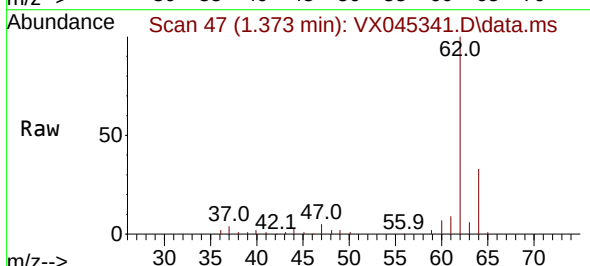
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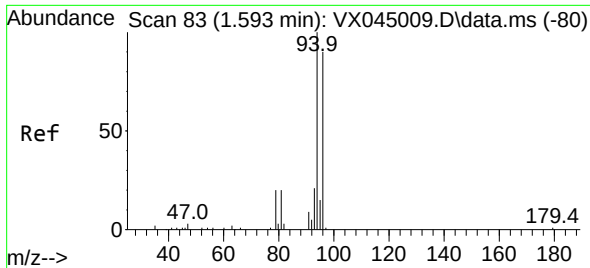
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#4
Vinyl Chloride
Concen: 15.672 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

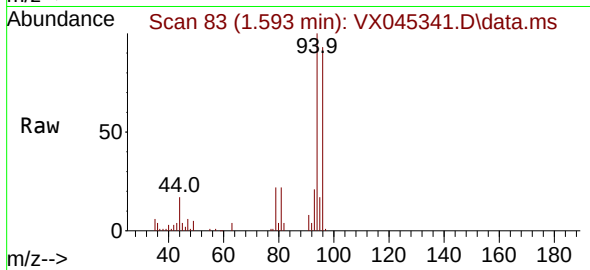
Tgt Ion: 62 Resp: 28568
Ion Ratio Lower Upper
62 100
64 32.2 25.1 37.7





#5
Bromomethane
Concen: 20.147 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

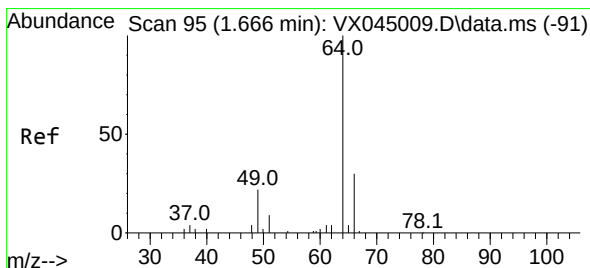
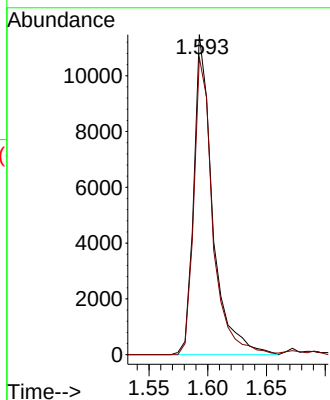
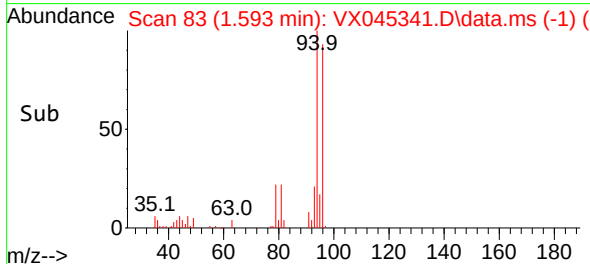
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01



Tgt Ion: 94 Resp: 12784
Ion Ratio Lower Upper
94 100
96 92.9 72.2 108.4

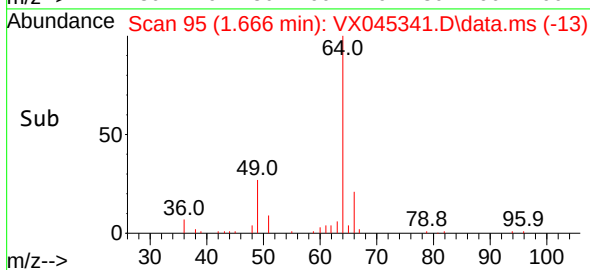
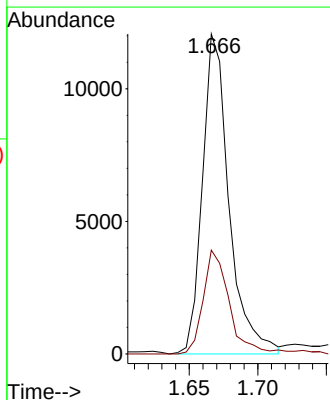
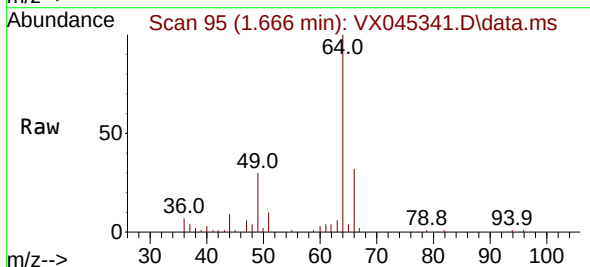
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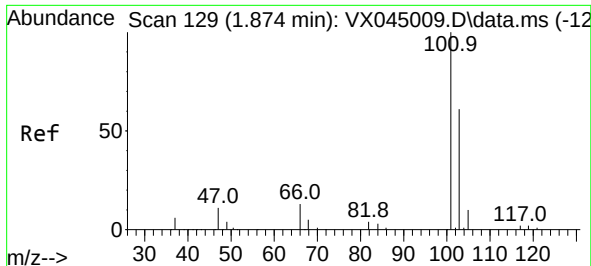
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#6
Chloroethane
Concen: 16.511 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

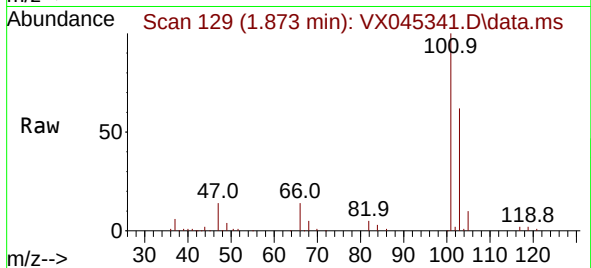
Tgt Ion: 64 Resp: 16301
Ion Ratio Lower Upper
64 100
66 32.6 23.7 35.5





#7
 Trichlorofluoromethane
 Concen: 17.458 ug/l
 RT: 1.873 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045341.D
 Acq: 19 Mar 2025 11:41

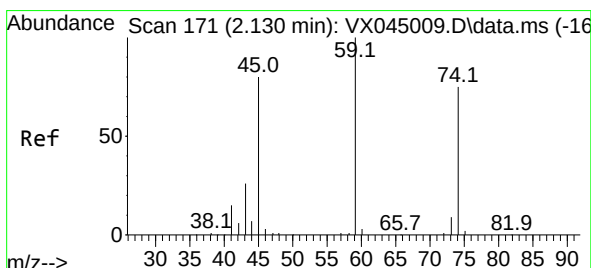
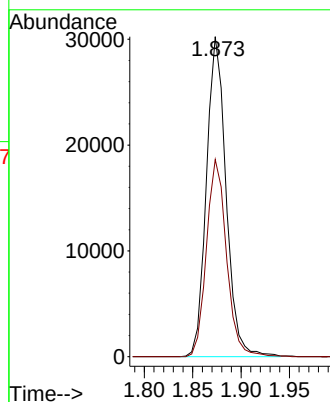
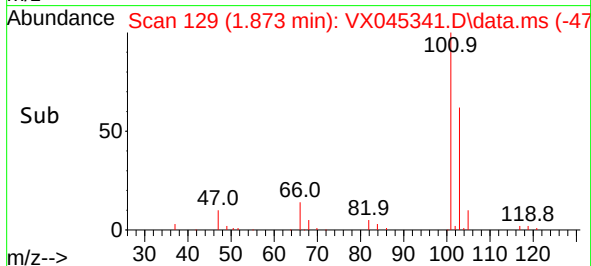
Instrument :
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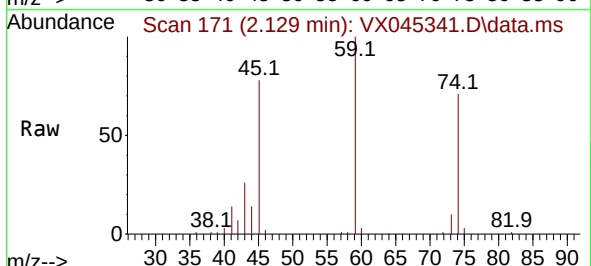
Tgt Ion:101 Resp: 42772
 Ion Ratio Lower Upper
 101 100
 103 61.6 48.8 73.2

Manual Integrations
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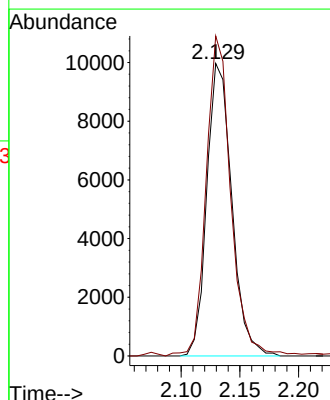
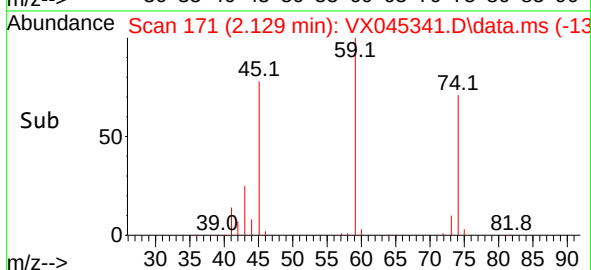
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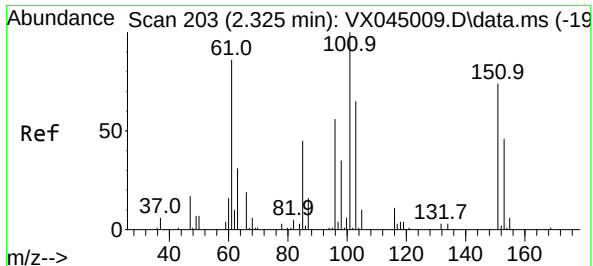


#8
 Diethyl Ether
 Concen: 15.903 ug/l
 RT: 2.129 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX045341.D
 Acq: 19 Mar 2025 11:41



Tgt Ion: 74 Resp: 14742
 Ion Ratio Lower Upper
 74 100
 45 105.7 20.8 186.8





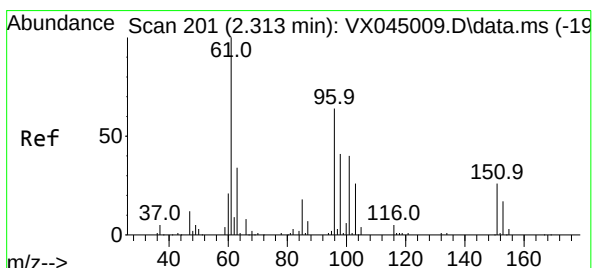
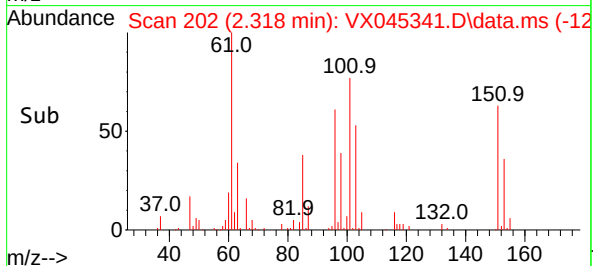
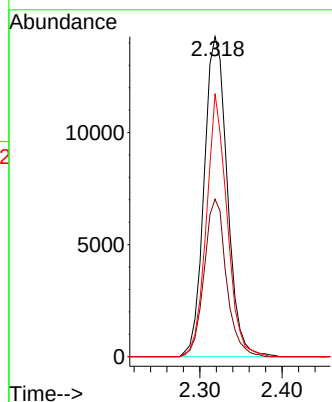
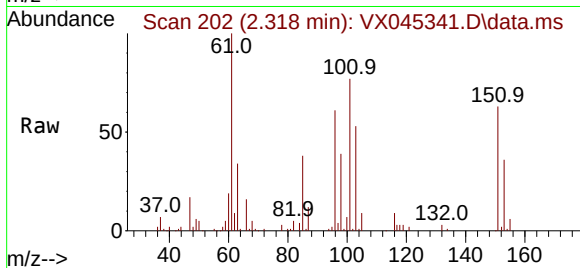
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.199 ug/l
 RT: 2.318 min Scan# 203
 Delta R.T. -0.006 min
 Lab File: VX045341.D
 Acq: 19 Mar 2025 11:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBS01

Tgt Ion:101 Resp: 2793
 Ion Ratio Lower Upper
 101 100
 85 47.3 0.0 90.6
 151 73.5 0.0 147.6

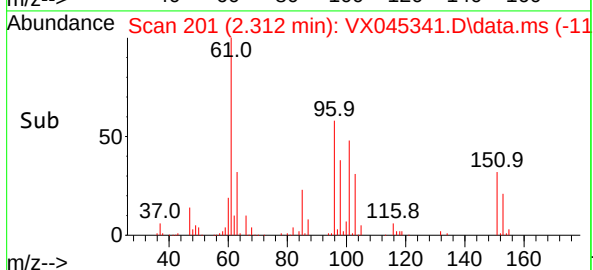
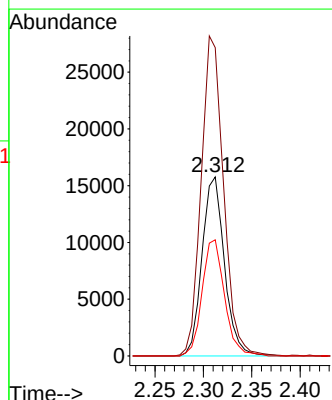
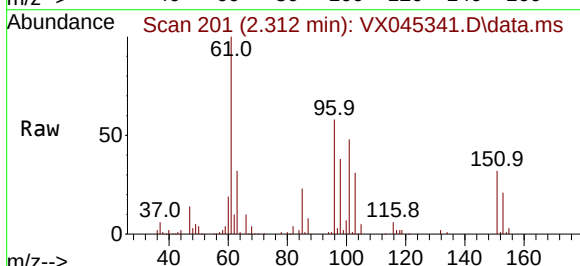
Manual Integrations
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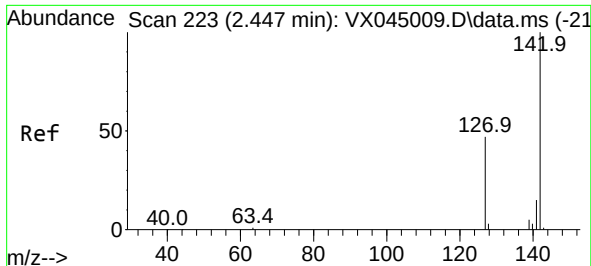
Reviewed By :John Carlone 03/20/2025
 Supervised By :Mahesh Dadoda 03/20/2025



#10
 1,1-Dichloroethene
 Concen: 17.911 ug/l
 RT: 2.312 min Scan# 201
 Delta R.T. -0.000 min
 Lab File: VX045341.D
 Acq: 19 Mar 2025 11:41

Tgt Ion: 96 Resp: 25457
 Ion Ratio Lower Upper
 96 100
 61 171.8 124.2 186.2
 98 64.9 51.1 76.7





#11

Methyl Iodide

Concen: 19.309 ug/l

RT: 2.446 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX045341.D

Acq: 19 Mar 2025 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS01

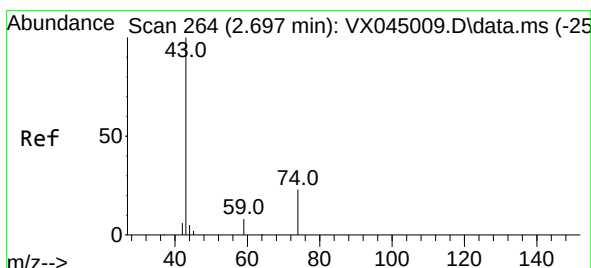
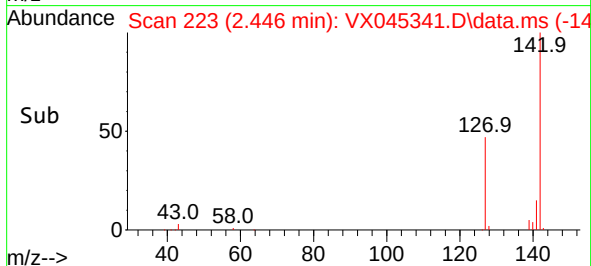
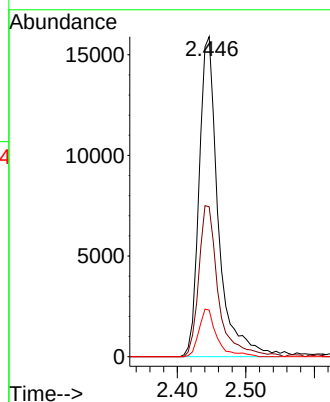
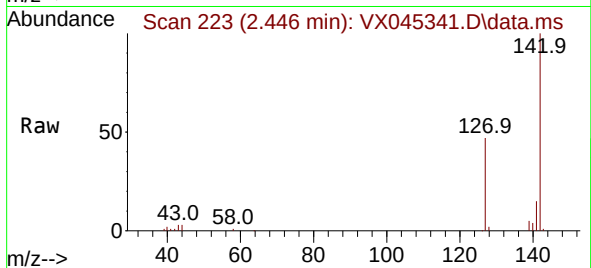
Tgt Ion:	142	Resp:	3106
Ion	Ratio	Lower	Upper
142	100		
127	46.8	23.3	69.9
141	14.7	7.5	22.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#12

Methyl Acetate

Concen: 31.051 ug/l

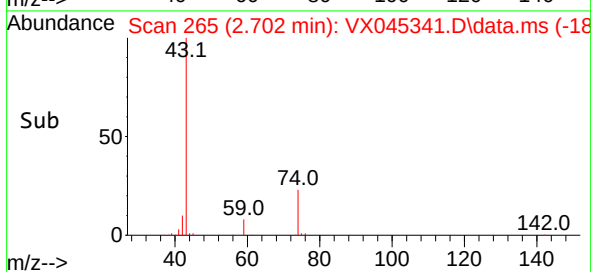
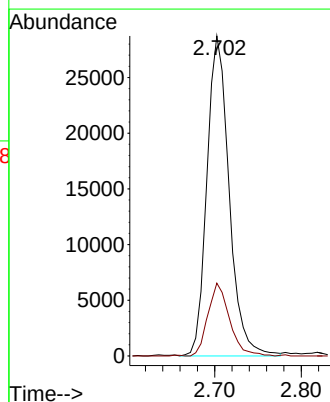
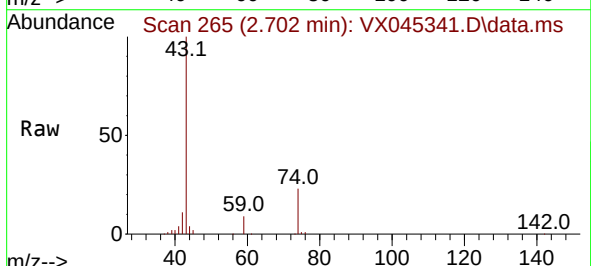
RT: 2.702 min Scan# 265

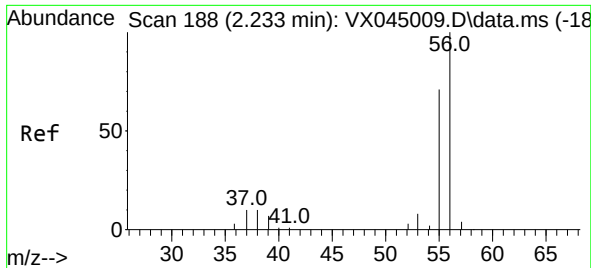
Delta R.T. 0.006 min

Lab File: VX045341.D

Acq: 19 Mar 2025 11:41

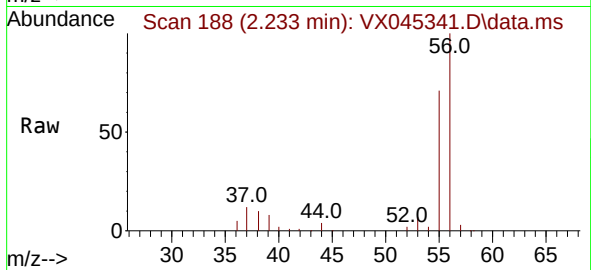
Tgt Ion:	43	Resp:	51249
Ion	Ratio	Lower	Upper
43	100		
74	22.6	17.9	26.9





#13
Acrolein
Concen: 104.128 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

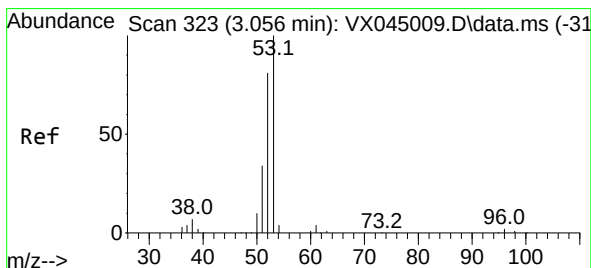
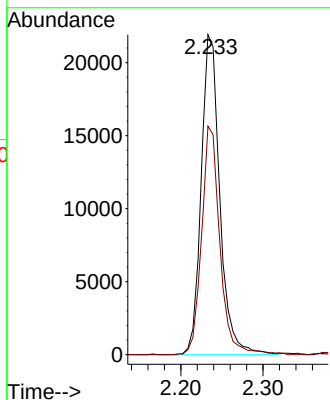
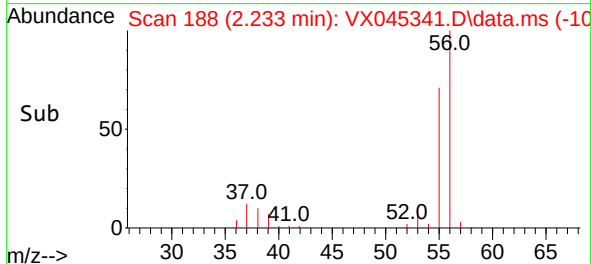
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01



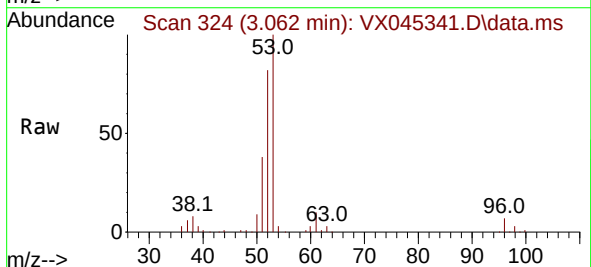
Tgt Ion: 56 Resp: 3444
Ion Ratio Lower Upper
56 100
55 70.0 55.4 83.2

Manual Integrations
APPROVED

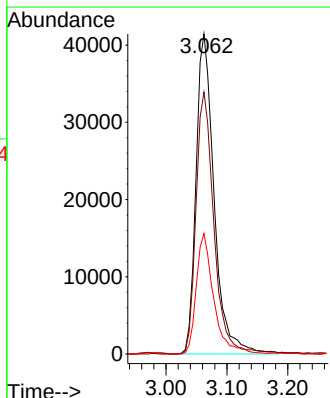
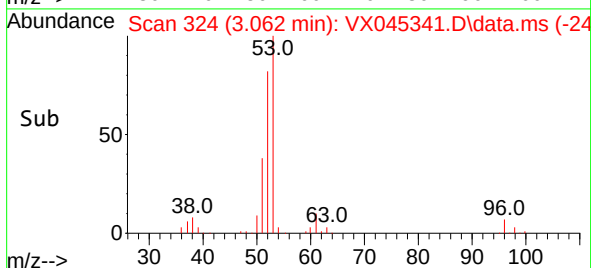
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

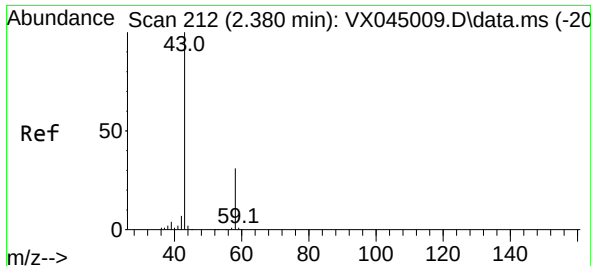


#14
Acrylonitrile
Concen: 106.065 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.006 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41



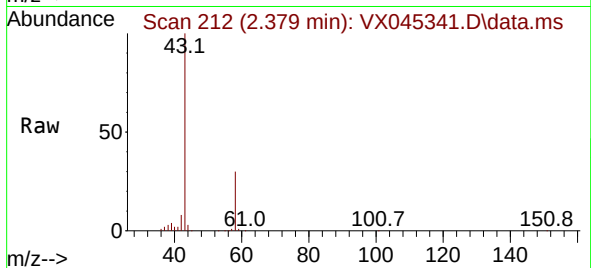
Tgt Ion: 53 Resp: 85508
Ion Ratio Lower Upper
53 100
52 80.7 40.9 122.8
51 36.4 18.0 54.0





#15
Acetone
Concen: 123.020 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

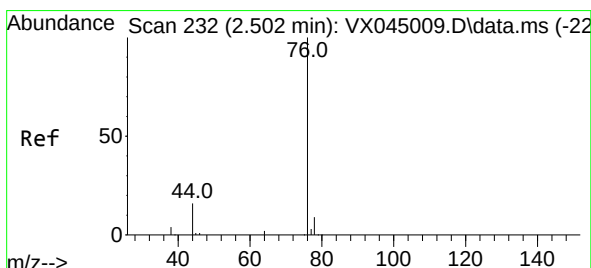
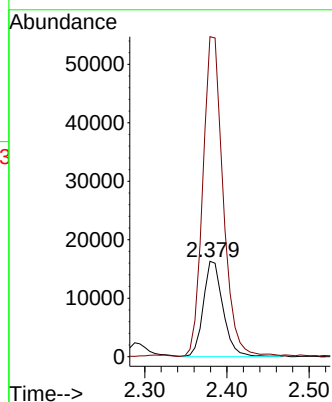
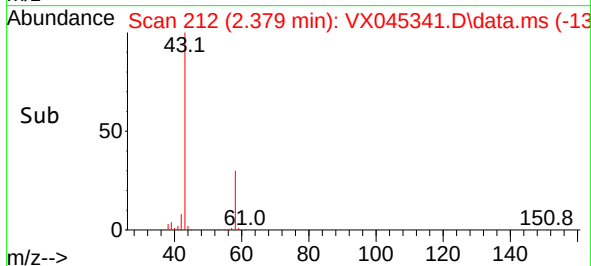
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01



Tgt Ion: 58 Resp: 27200
Ion Ratio Lower Upper
58 100
43 336.7 258.6 388.0

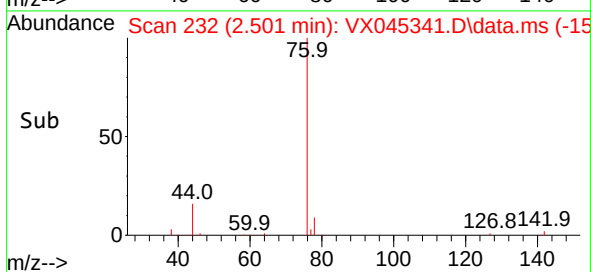
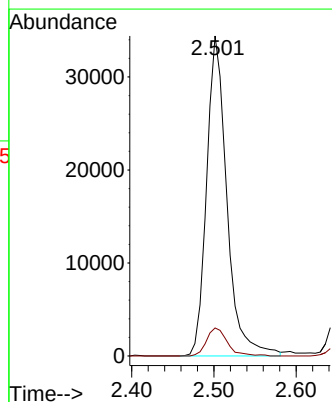
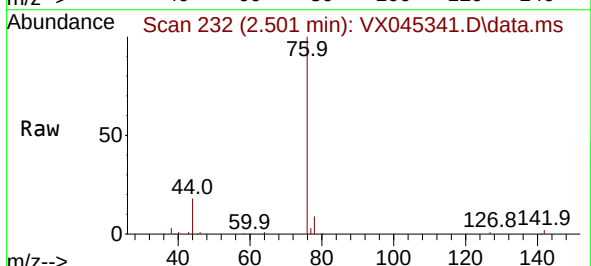
Manual Integrations
APPROVED

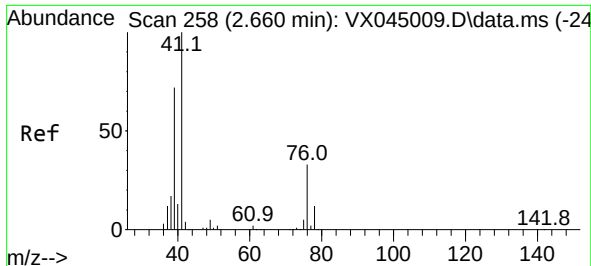
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#16
Carbon Disulfide
Concen: 14.646 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

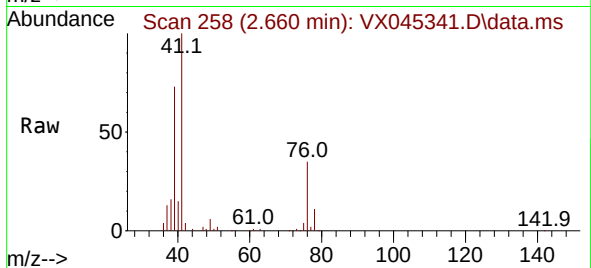
Tgt Ion: 76 Resp: 59047
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9





#17
 Allyl chloride
 Concen: 18.424 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. -0.000 min
 Lab File: VX045341.D
 Acq: 19 Mar 2025 11:41

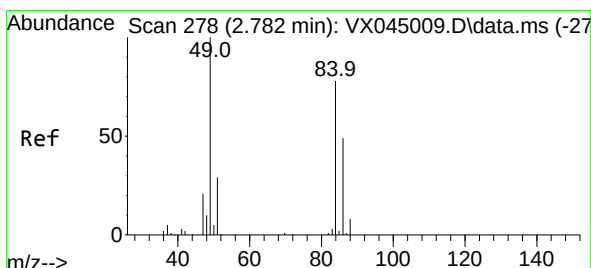
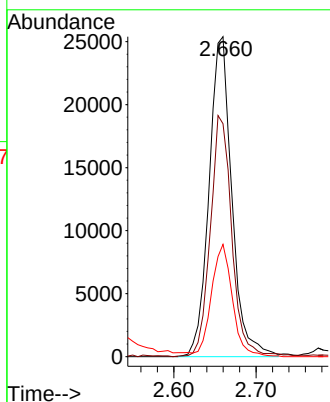
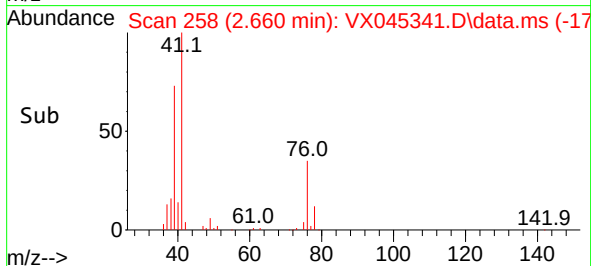
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBS01



Tgt Ion: 41 Resp: 48978
 Ion Ratio Lower Upper
 41 100
 39 72.6 36.2 108.6
 76 34.8 17.2 51.5

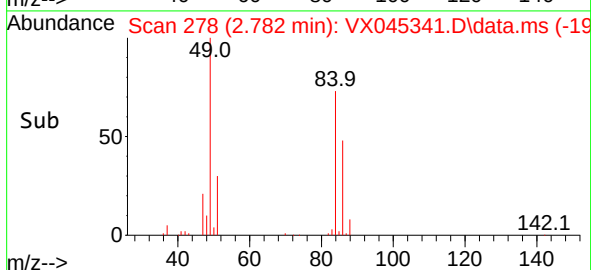
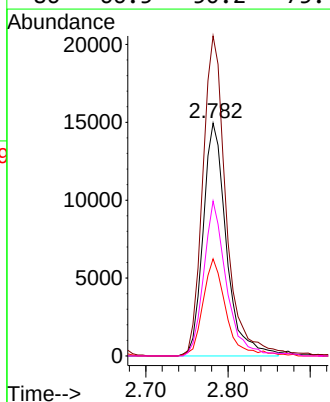
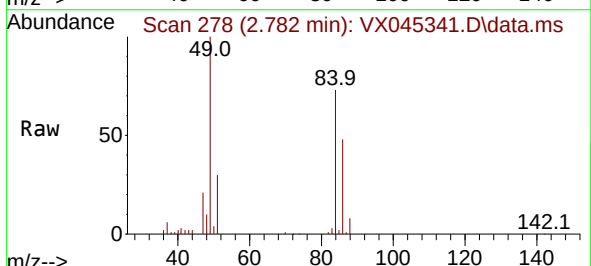
Manual Integrations
 APPROVED

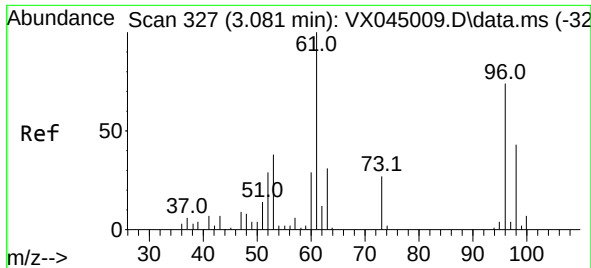
Reviewed By :John Carlone 03/20/2025
 Supervised By :Mahesh Dadoda 03/20/2025



#18
 Methylene Chloride
 Concen: 18.355 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: VX045341.D
 Acq: 19 Mar 2025 11:41

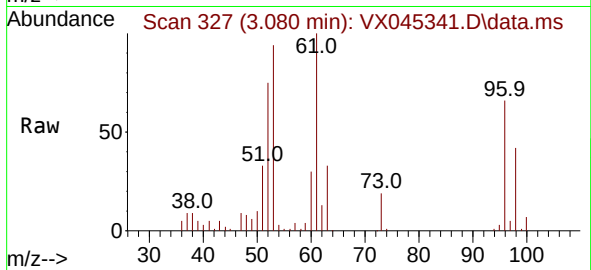
Tgt Ion: 84 Resp: 29343
 Ion Ratio Lower Upper
 84 100
 49 137.4 102.8 154.2
 51 41.7 30.1 45.1
 86 66.5 50.2 75.4





#19
trans-1,2-Dichloroethene
Concen: 17.507 ug/l
RT: 3.080 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

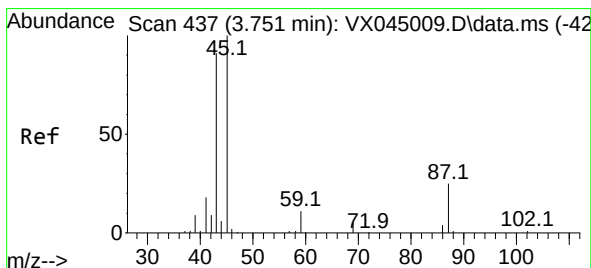
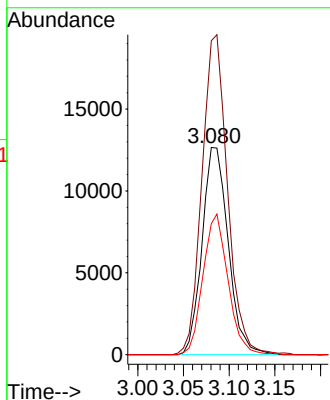
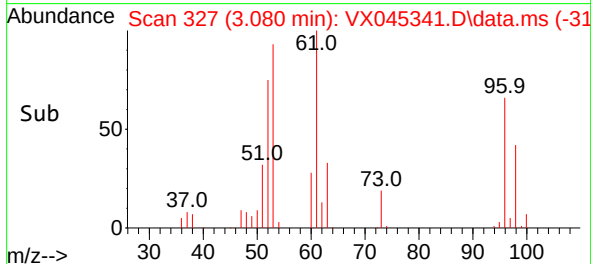
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01



Tgt Ion: 96 Resp: 25174
Ion Ratio Lower Upper
96 100
61 150.9 108.6 163.0
98 63.3 46.5 69.7

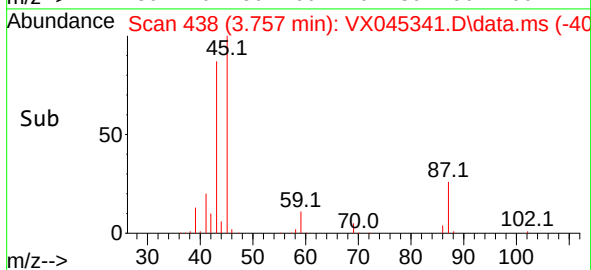
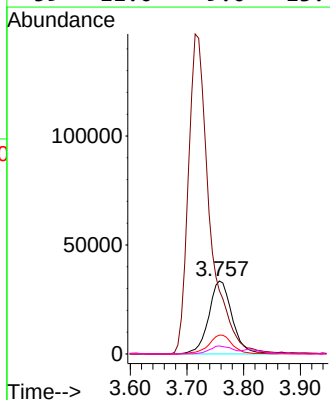
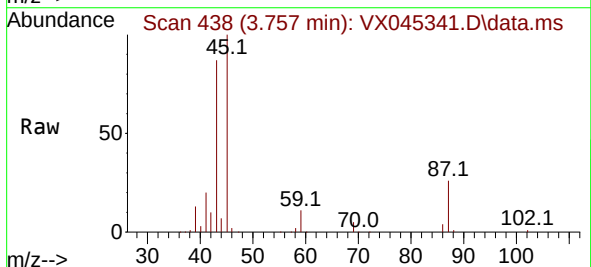
Manual Integrations
APPROVED

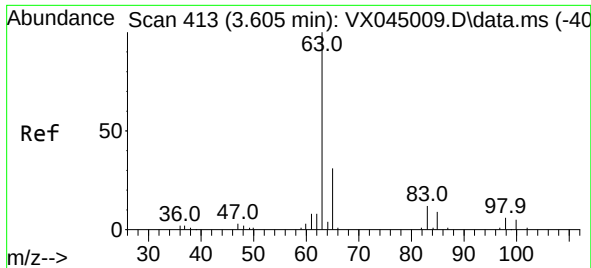
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#20
Diisopropyl ether
Concen: 18.769 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

Tgt Ion: 45 Resp: 95879
Ion Ratio Lower Upper
45 100
43 85.1 74.4 111.6
87 25.8 19.8 29.8
59 11.0 9.0 13.4





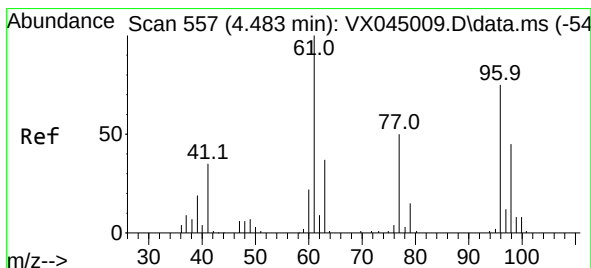
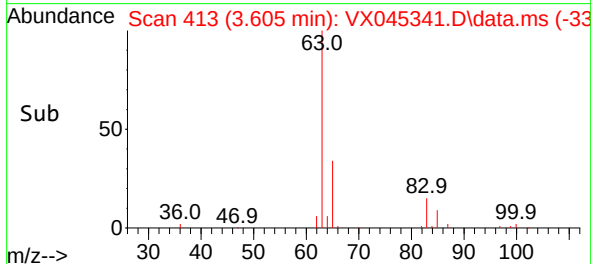
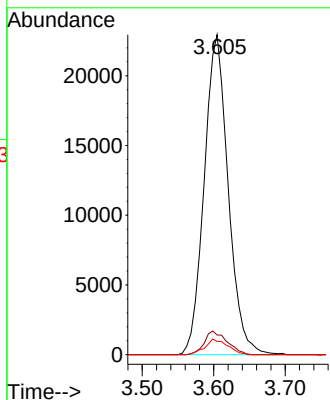
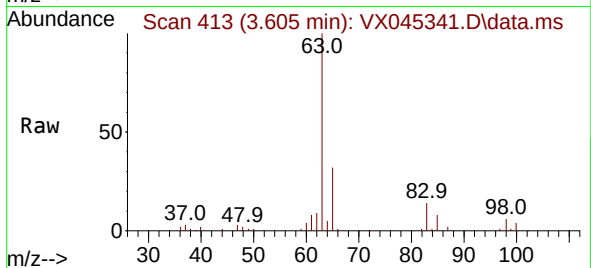
#21
1,1-Dichloroethane
Concen: 18.840 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01

Tgt Ion: 63 Resp: 53520
Ion Ratio Lower Upper
63 100
98 6.2 3.3 9.8
100 4.2 2.4 7.1

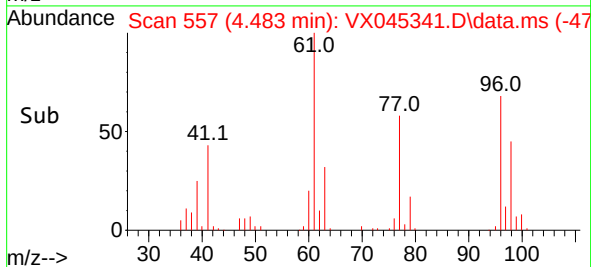
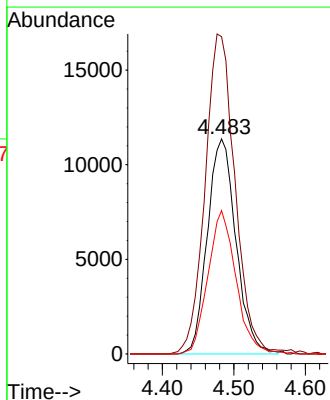
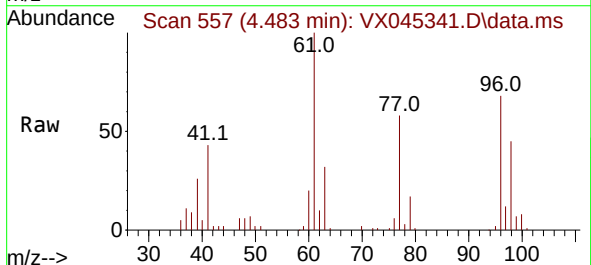
Manual Integrations
APPROVED

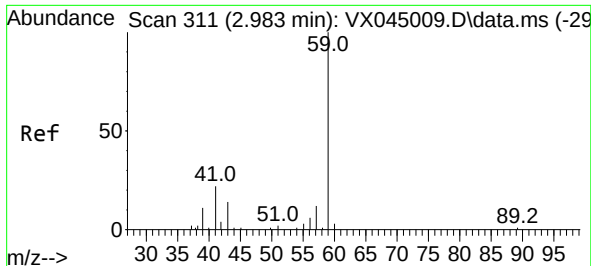
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#22
cis-1,2-Dichloroethene
Concen: 18.305 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

Tgt Ion: 96 Resp: 31543
Ion Ratio Lower Upper
96 100
61 154.9 118.9 178.3
98 64.9 50.7 76.1





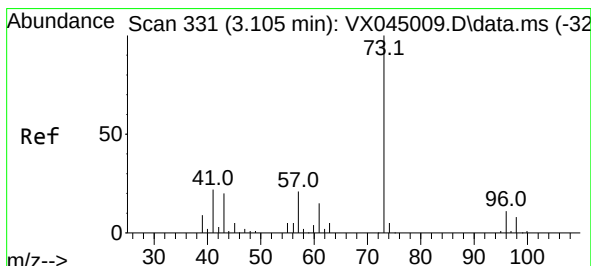
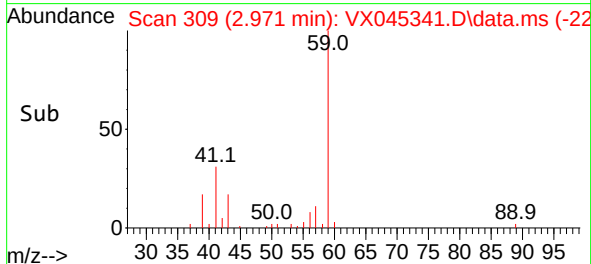
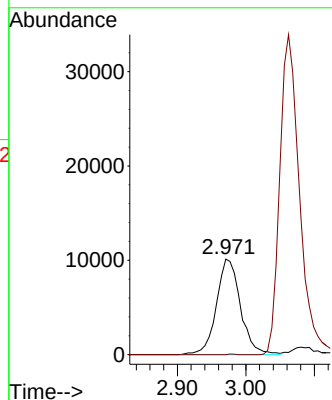
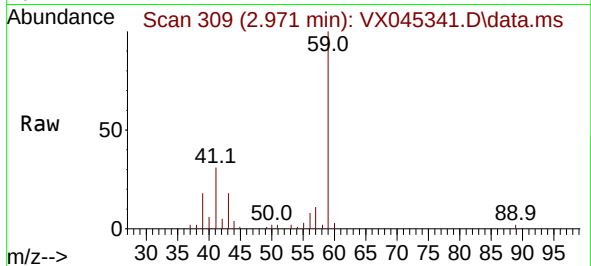
#23
tert-Butyl Alcohol
Concen: 87.702 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.013 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01

Tgt Ion: 59 Resp: 2468
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0

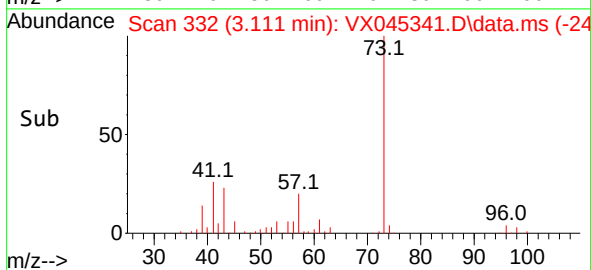
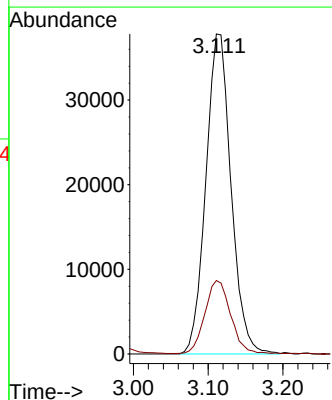
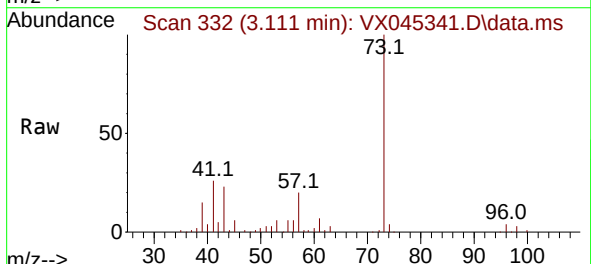
Manual Integrations
APPROVED

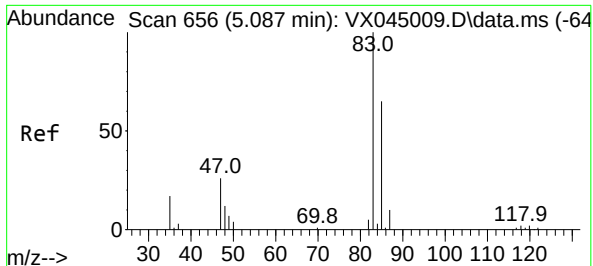
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#24
Methyl tert-Butyl Ether
Concen: 19.104 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

Tgt Ion: 73 Resp: 88622
Ion Ratio Lower Upper
73 100
43 23.7 17.4 26.0





#25

Chloroform

Concen: 19.609 ug/l

RT: 5.086 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX045341.D

Acq: 19 Mar 2025 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS01

Tgt Ion: 83 Resp: 53809

Ion Ratio Lower Upper

83 100

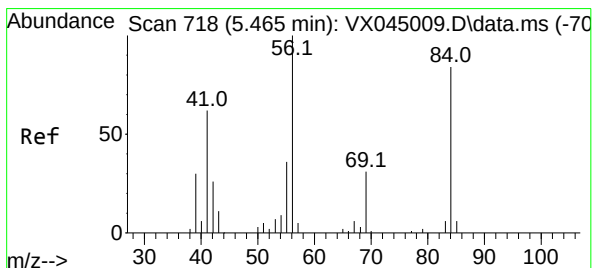
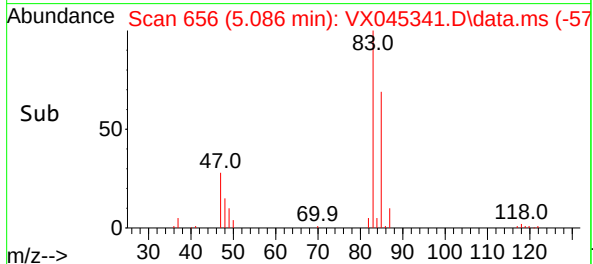
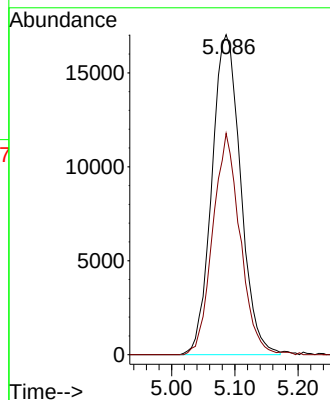
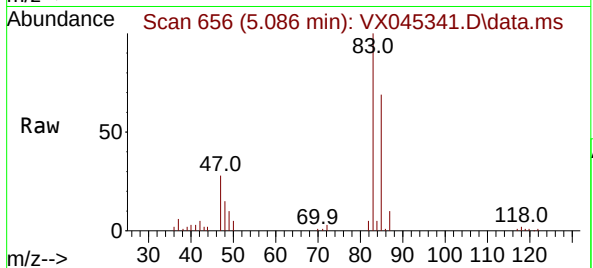
85 69.1 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#26

Cyclohexane

Concen: 18.105 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.006 min

Lab File: VX045341.D

Acq: 19 Mar 2025 11:41

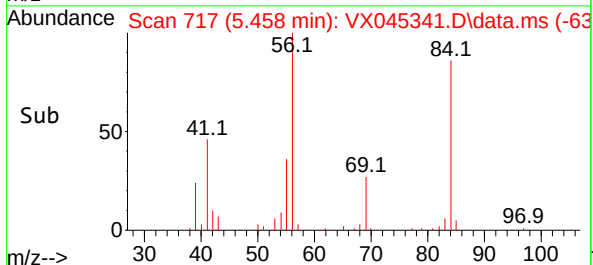
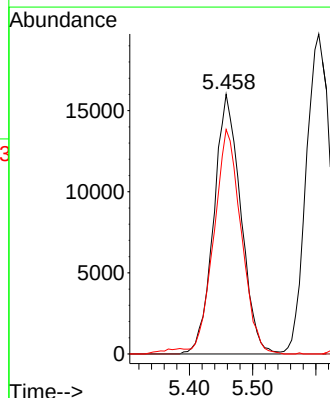
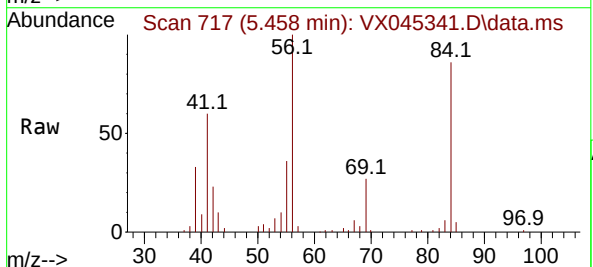
Tgt Ion: 56 Resp: 47478

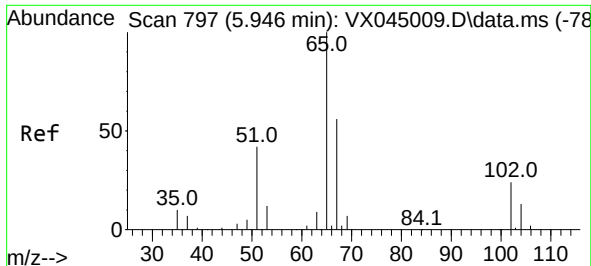
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 87.3 67.1 100.7





#27

1,2-Dichloroethane-d4

Concen: 31.965 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX045341.D

Acq: 19 Mar 2025 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS01

Tgt Ion: 65 Resp: 5808

Ion Ratio Lower Upper

65 100

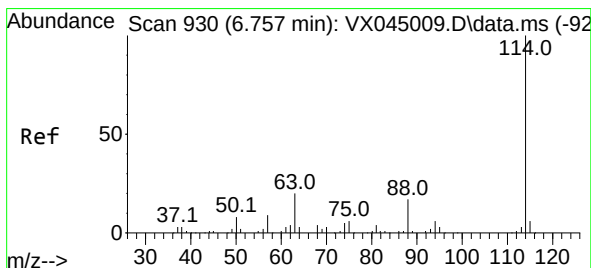
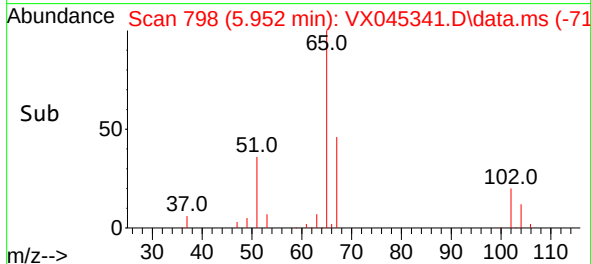
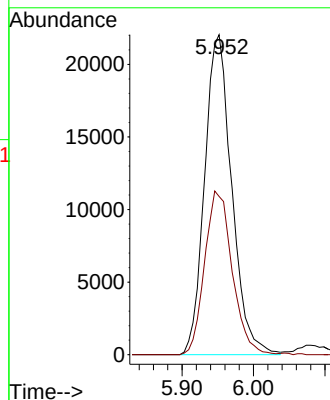
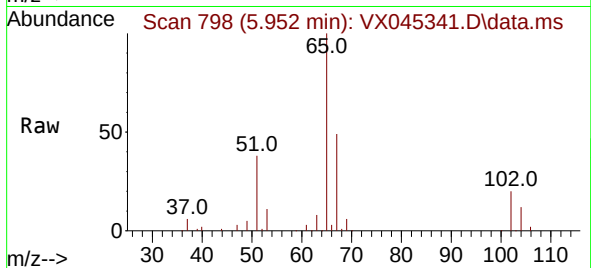
67 51.9 42.6 64.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045341.D

Acq: 19 Mar 2025 11:41

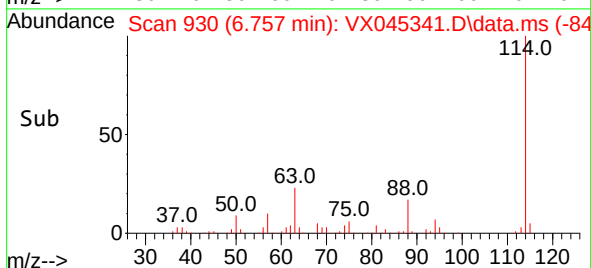
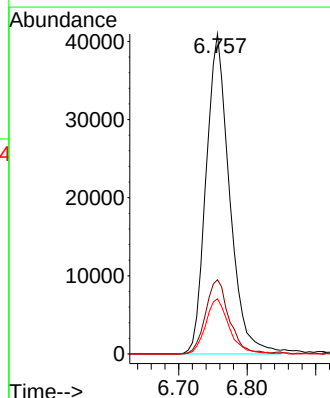
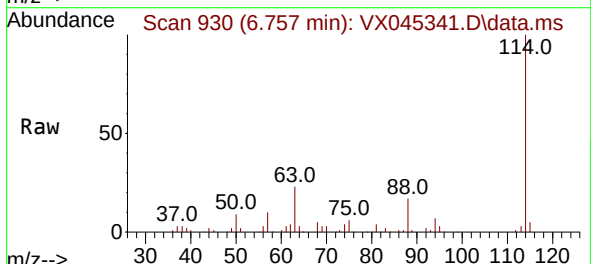
Tgt Ion:114 Resp: 97348

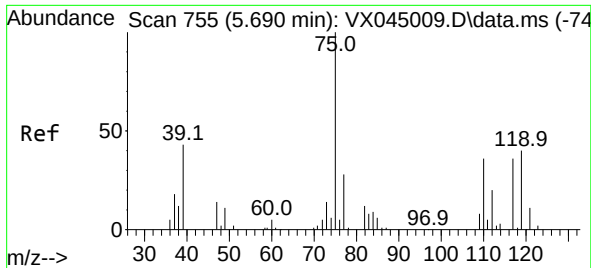
Ion Ratio Lower Upper

114 100

63 23.1 16.8 25.2

88 17.1 12.7 19.1





#29

1,1-Dichloropropene

Concen: 19.829 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX045341.D

Acq: 19 Mar 2025 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS01

Tgt Ion: 75 Resp: 35508

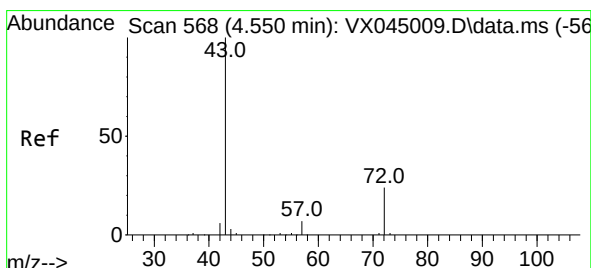
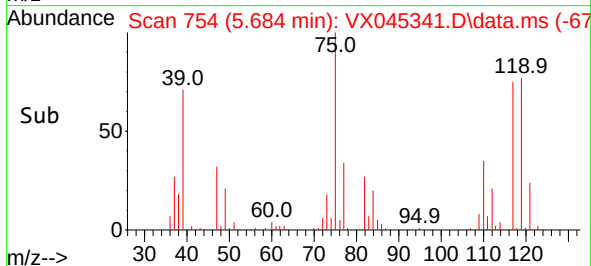
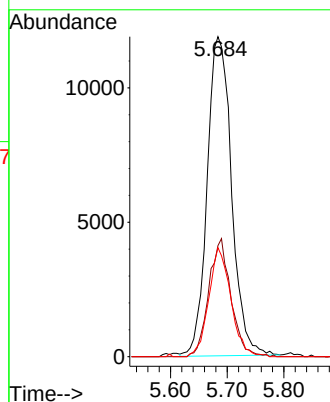
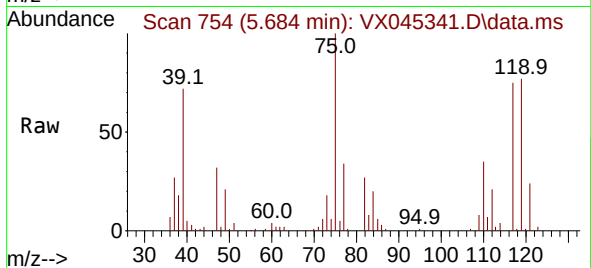
Ion	Ratio	Lower	Upper
75	100		
110	33.4	0.0	69.2
77	30.8	0.0	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#30

2-Butanone

Concen: 120.592 ug/l

RT: 4.556 min Scan# 569

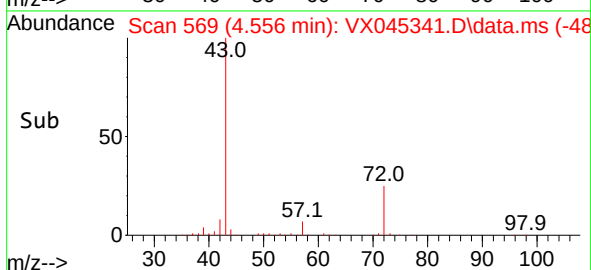
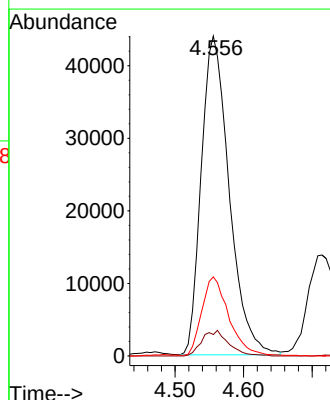
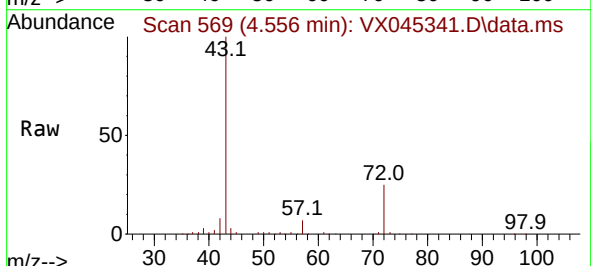
Delta R.T. 0.006 min

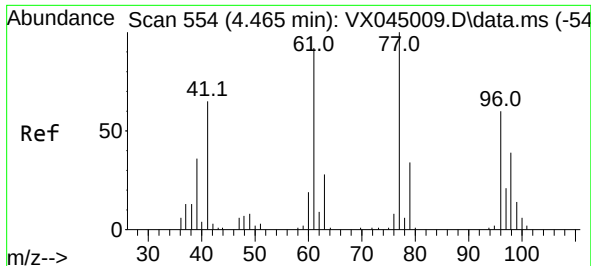
Lab File: VX045341.D

Acq: 19 Mar 2025 11:41

Tgt Ion: 43 Resp: 124731

Ion	Ratio	Lower	Upper
43	100		
57	3.7	6.2	9.2#
72	24.1	20.2	30.2





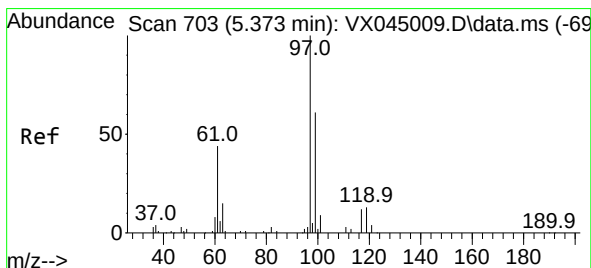
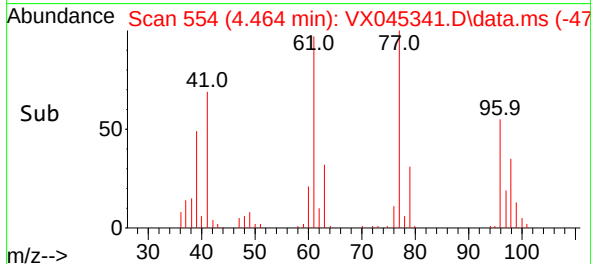
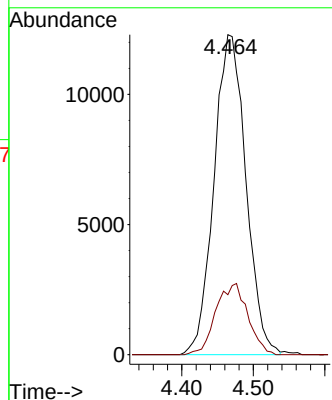
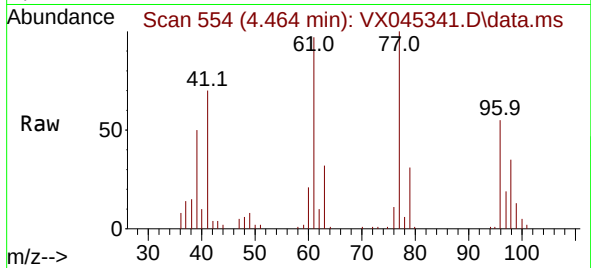
#31
2,2-Dichloropropane
Concen: 18.821 ug/l
RT: 4.464 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01

Tgt Ion: 77 Resp: 38109
Ion Ratio Lower Upper
77 100
97 22.3 18.0 27.0

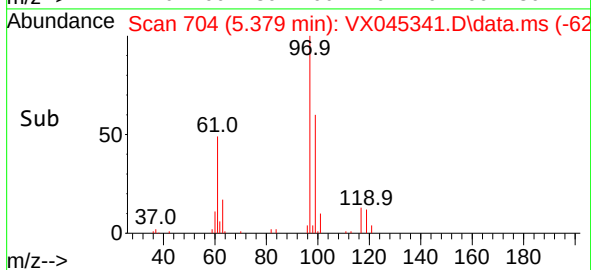
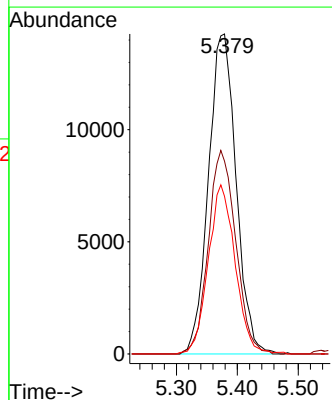
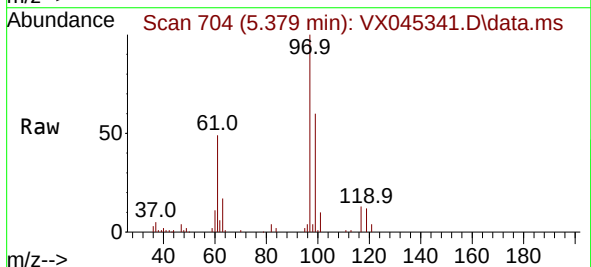
Manual Integrations
APPROVED

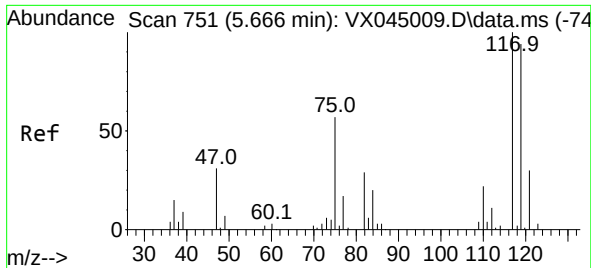
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#32
1,1,1-Trichloroethane
Concen: 20.753 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

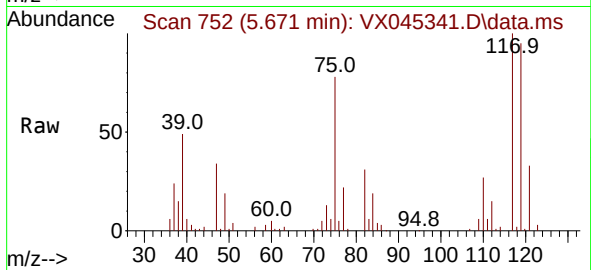
Tgt Ion: 97 Resp: 45029
Ion Ratio Lower Upper
97 100
99 63.0 52.2 78.2
61 51.4 38.5 57.7





#33
Carbon Tetrachloride
Concen: 20.397 ug/l
RT: 5.671 min Scan# 751
Delta R.T. 0.006 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

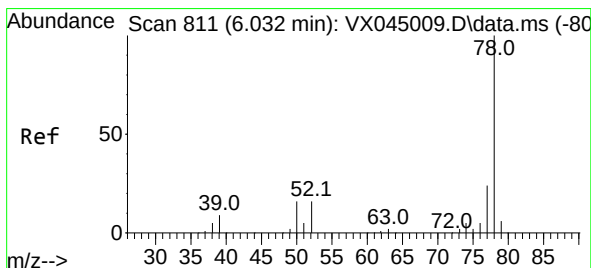
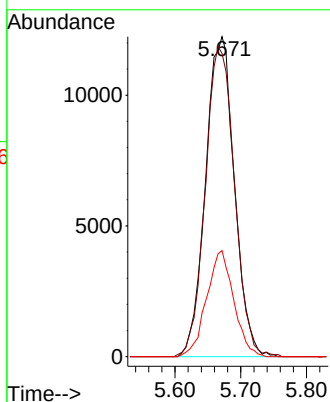
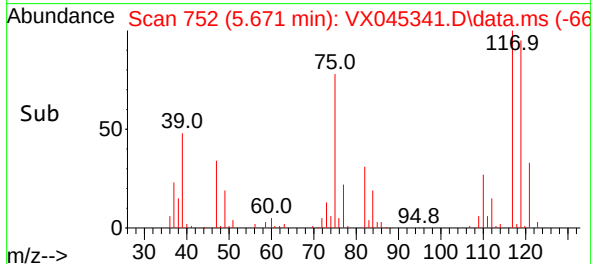
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01



Tgt Ion: 117 Resp: 37350
Ion Ratio Lower Upper
117 100
119 94.1 75.1 112.7
121 33.1 23.9 35.9

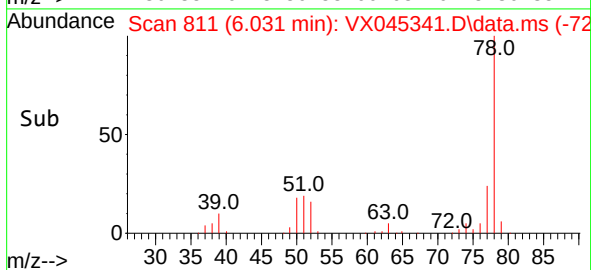
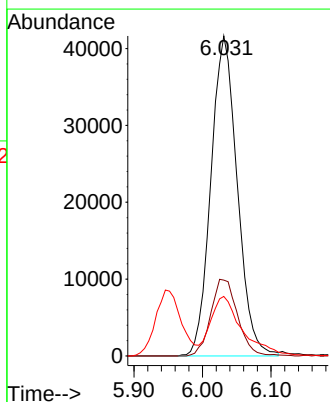
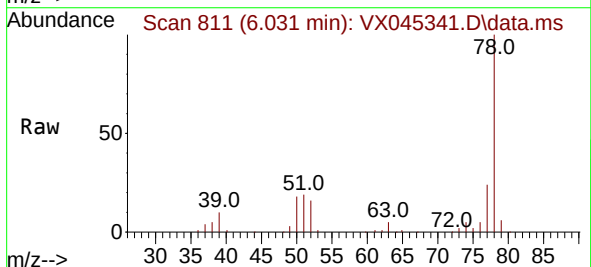
Manual Integrations
APPROVED

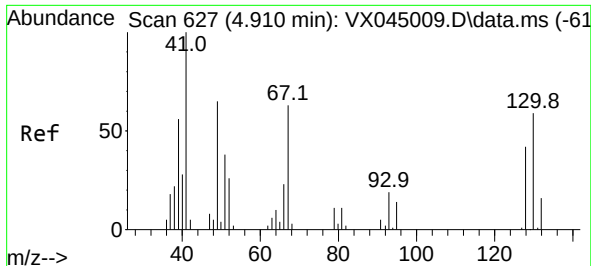
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#34
Benzene
Concen: 19.815 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

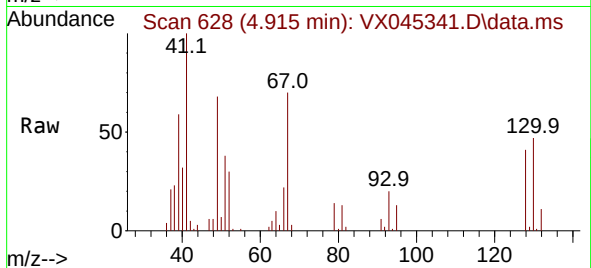
Tgt Ion: 78 Resp: 111274
Ion Ratio Lower Upper
78 100
77 23.7 19.6 29.4
51 17.4 13.8 20.6





#35
Methacrylonitrile
Concen: 22.314 ug/l
RT: 4.915 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

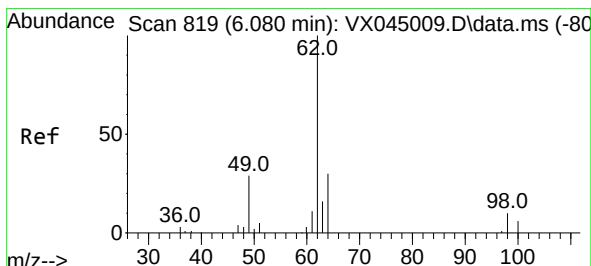
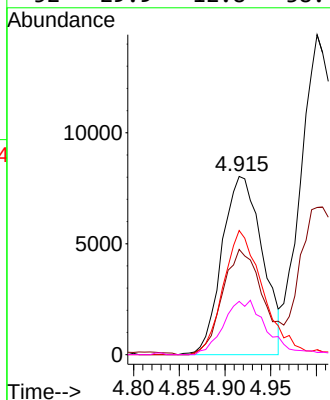
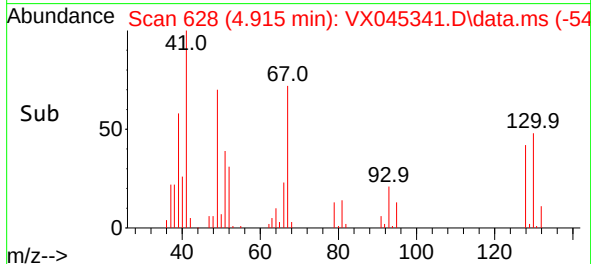
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01



Tgt Ion: 41	Resp: 24698
Ion Ratio	Lower Upper
41 100	
39 59.0	27.8 83.4
67 69.6	31.5 94.5
52 29.9	12.8 38.4

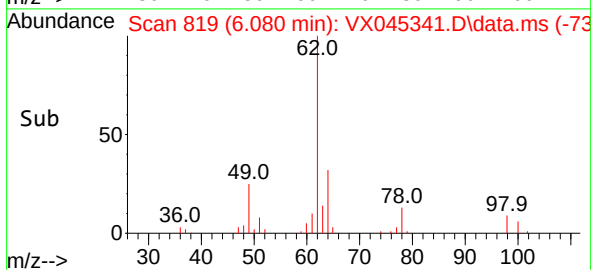
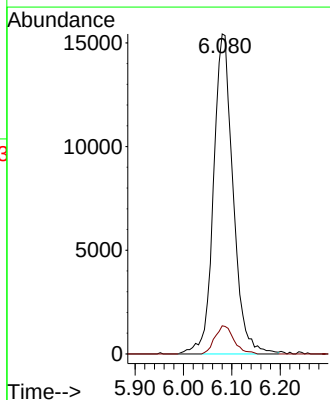
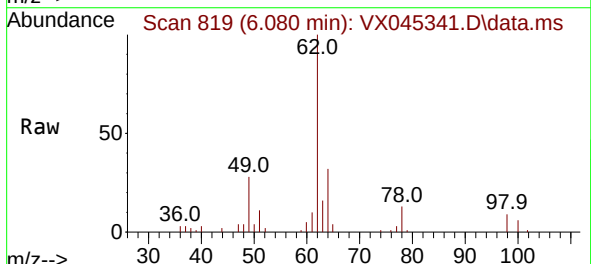
Manual Integrations
APPROVED

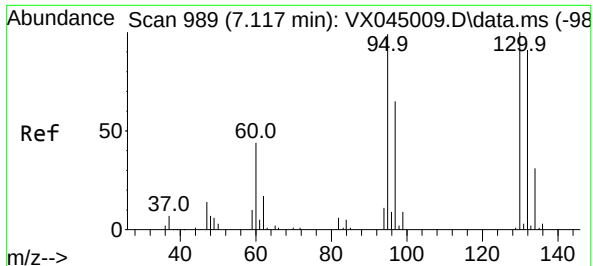
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#36
1,2-Dichloroethane
Concen: 22.525 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

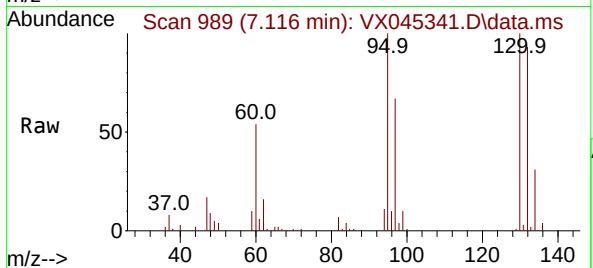
Tgt Ion: 62	Resp: 43307
Ion Ratio	Lower Upper
62 100	
98 8.6	7.9 11.9





#37
Trichloroethene
Concen: 19.308 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

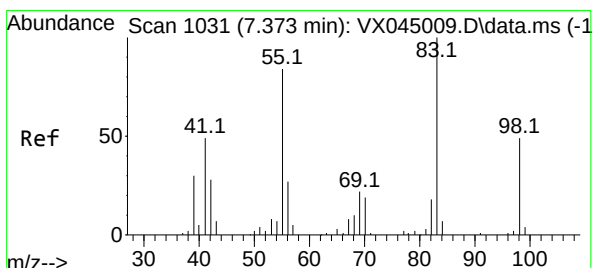
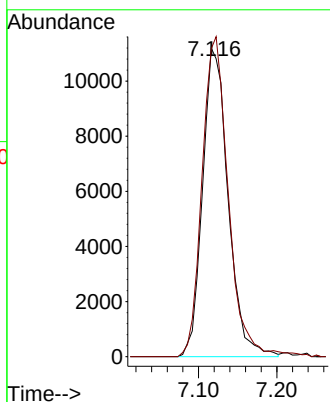
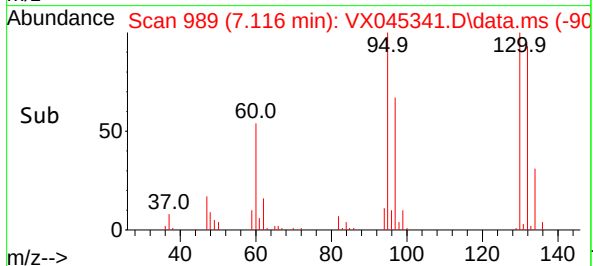
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01



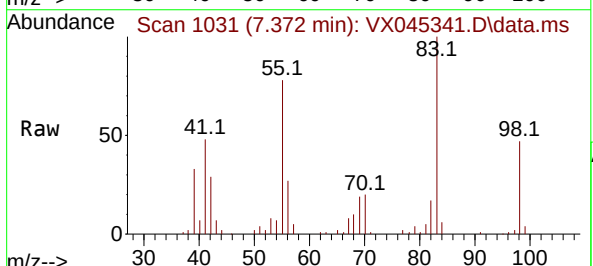
Tgt Ion:130 Resp: 2536
Ion Ratio Lower Upper
130 100
95 99.8 79.0 118.4

Manual Integrations
APPROVED

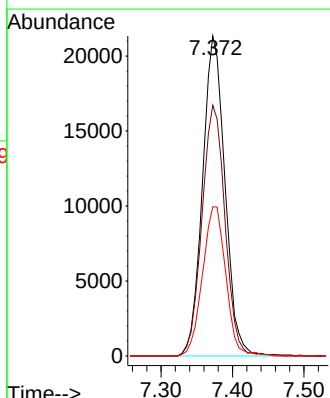
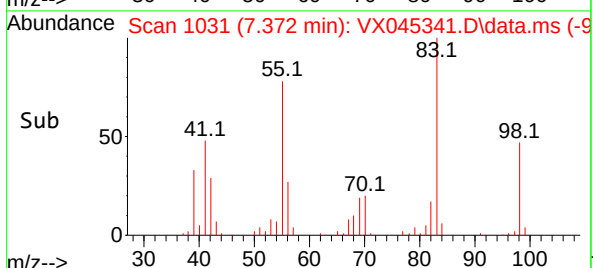
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

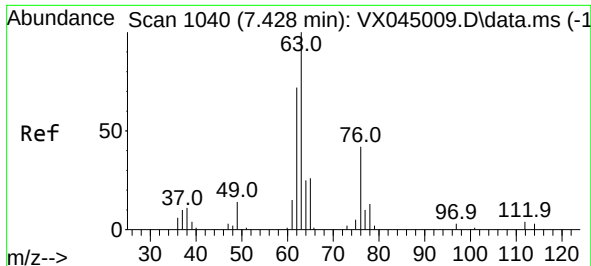


#38
Methylcyclohexane
Concen: 19.359 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41



Tgt Ion: 83 Resp: 46548
Ion Ratio Lower Upper
83 100
55 80.5 40.6 122.0
98 48.0 24.9 74.6





#39

1,2-Dichloropropane

Concen: 19.339 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX045341.D

Acq: 19 Mar 2025 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS01

Tgt Ion: 63 Resp: 27000

Ion Ratio Lower Upper

63 100

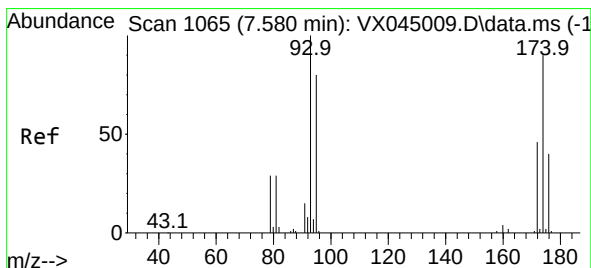
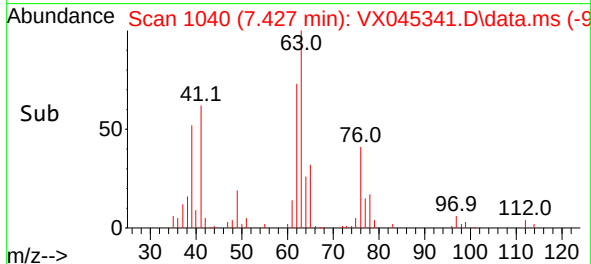
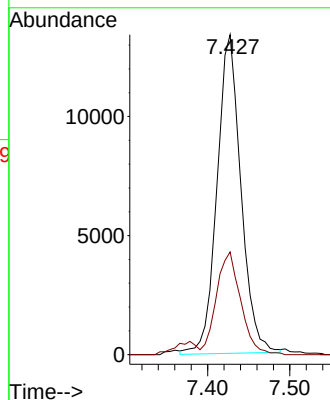
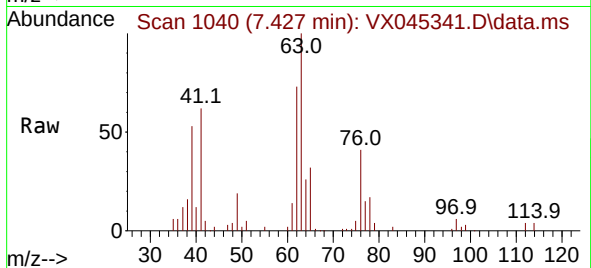
65 32.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#40

Dibromomethane

Concen: 20.968 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX045341.D

Acq: 19 Mar 2025 11:41

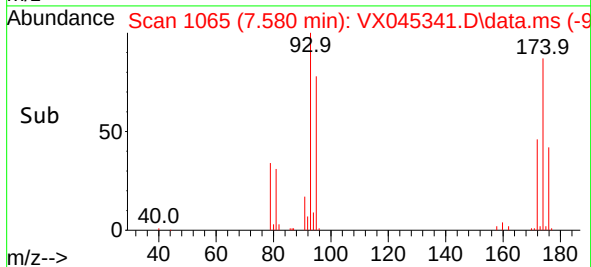
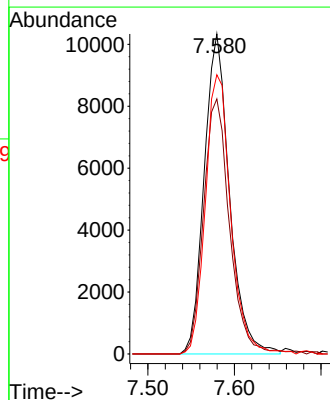
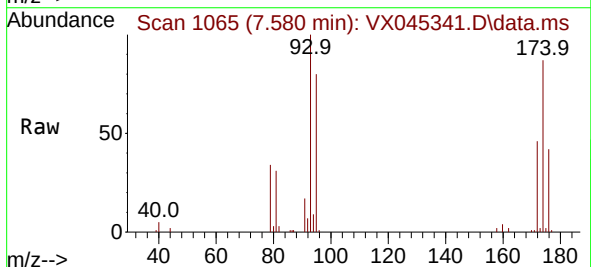
Tgt Ion: 93 Resp: 21007

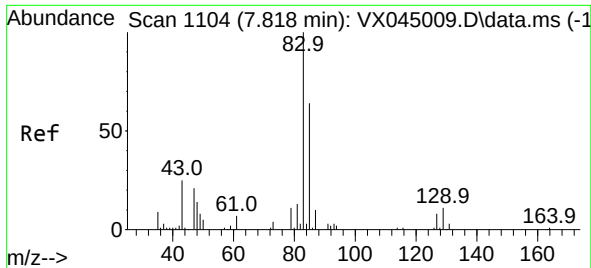
Ion Ratio Lower Upper

93 100

95 81.1 0.0 162.6

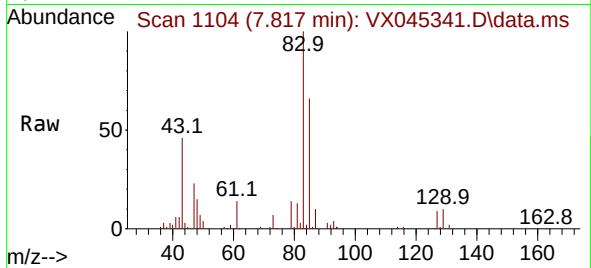
174 86.9 0.0 178.8





#41
Bromodichloromethane
Concen: 20.781 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

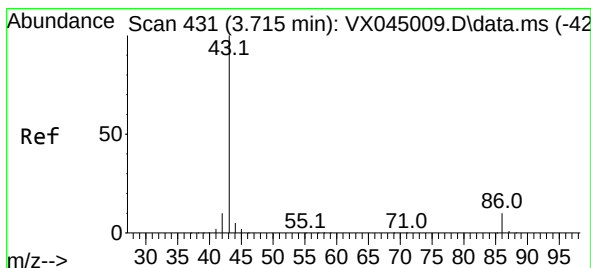
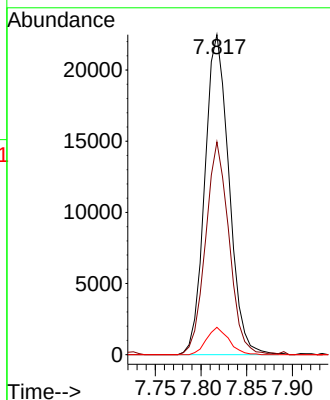
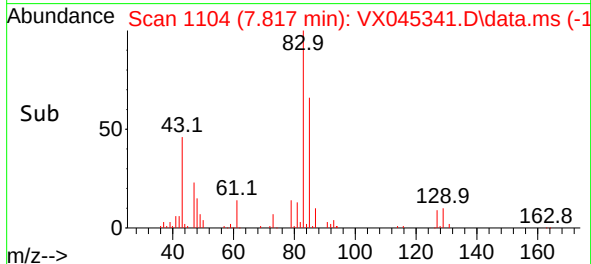
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01



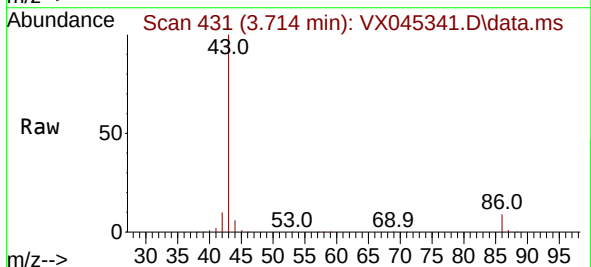
Tgt Ion: 83 Resp: 41380
Ion Ratio Lower Upper
83 100
85 66.5 51.0 76.6
127 8.6 6.1 9.1

Manual Integrations
APPROVED

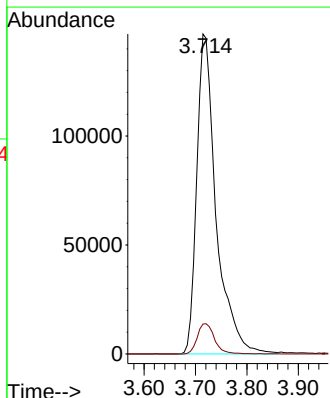
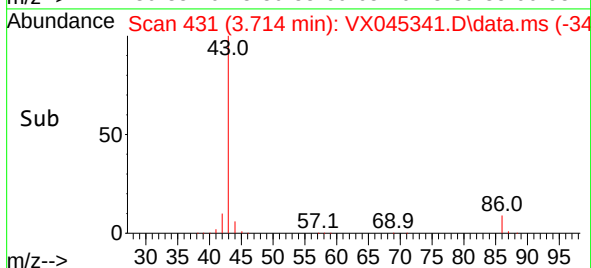
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

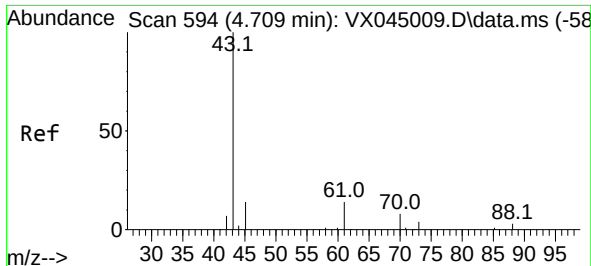


#42
Vinyl Acetate
Concen: 96.020 ug/l
RT: 3.714 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41



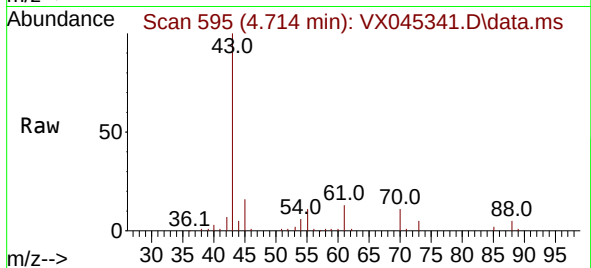
Tgt Ion: 43 Resp: 385398
Ion Ratio Lower Upper
43 100
86 8.3 7.0 10.4





#43
Ethyl Acetate
Concen: 22.050 ug/l
RT: 4.714 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

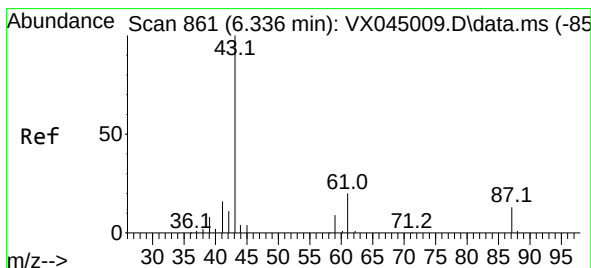
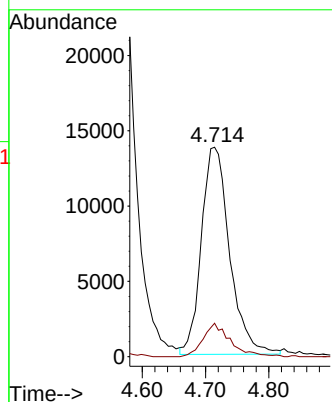
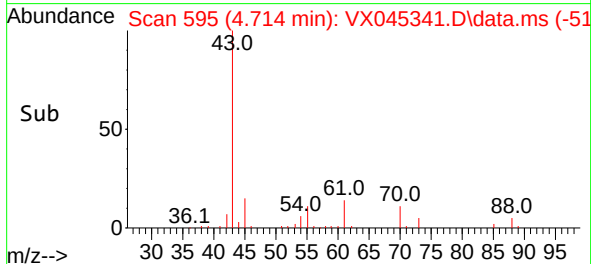
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01



Tgt Ion: 43 Resp: 42770
Ion Ratio Lower Upper
43 100
45 14.3 12.7 19.1

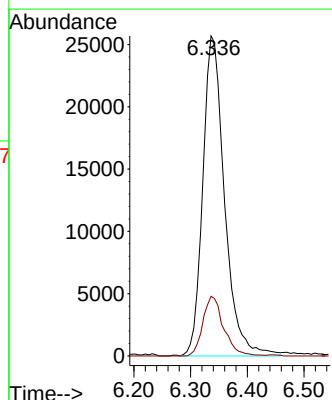
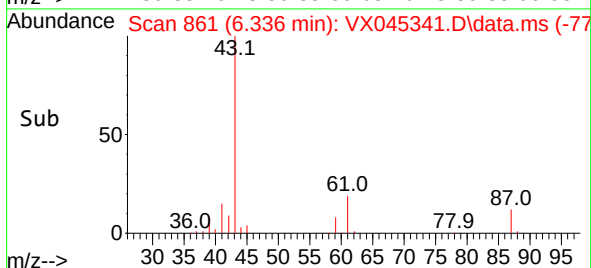
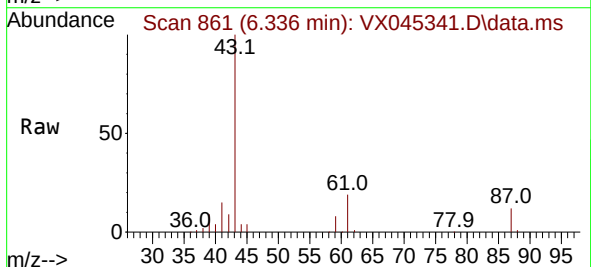
Manual Integrations
APPROVED

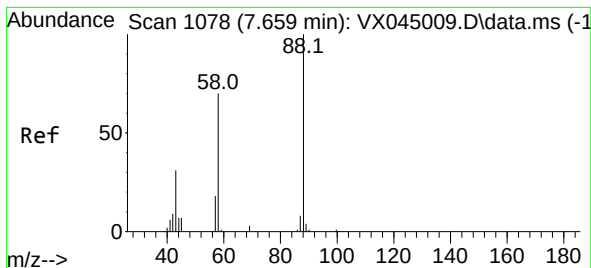
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#44
Isopropyl Acetate
Concen: 21.461 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

Tgt Ion: 43 Resp: 68513
Ion Ratio Lower Upper
43 100
61 17.8 15.5 23.3





#45

1,4-Dioxane

Concen: 341.216 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.000 min

Lab File: VX045341.D

Acq: 19 Mar 2025 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS01

Tgt Ion: 88 Resp: 11324

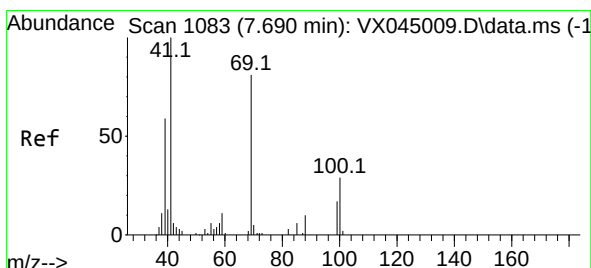
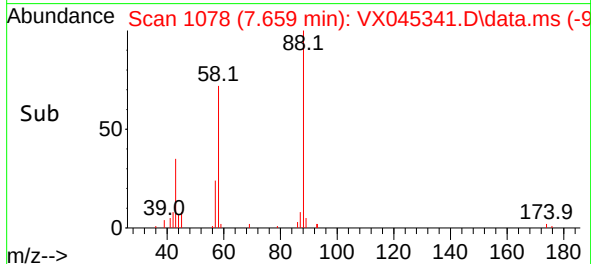
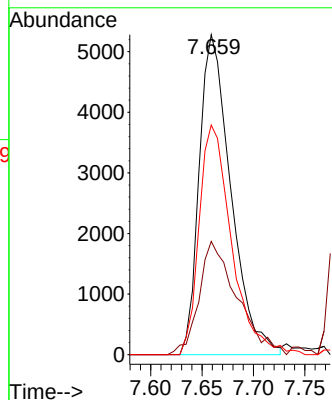
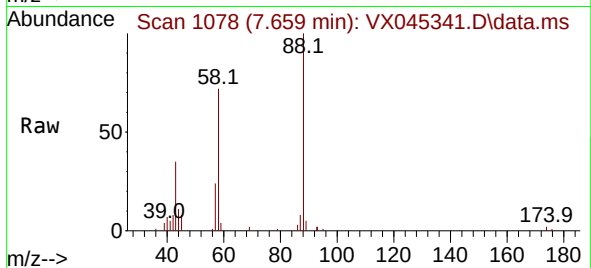
Ion	Ratio	Lower	Upper
88	100		
43	42.3	29.6	44.4
58	73.2	56.2	84.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#46

Methyl methacrylate

Concen: 21.993 ug/l

RT: 7.689 min Scan# 1083

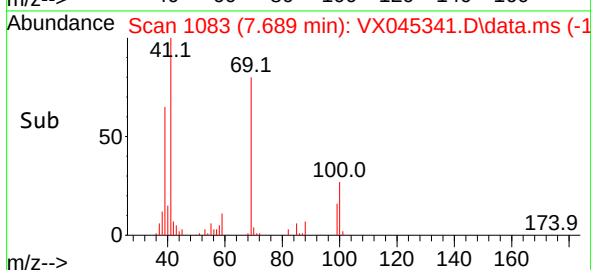
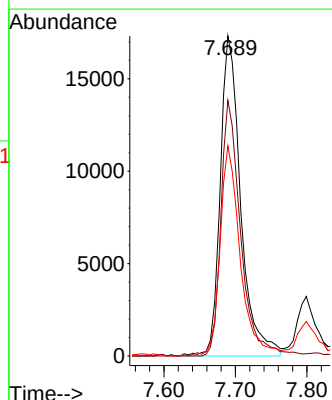
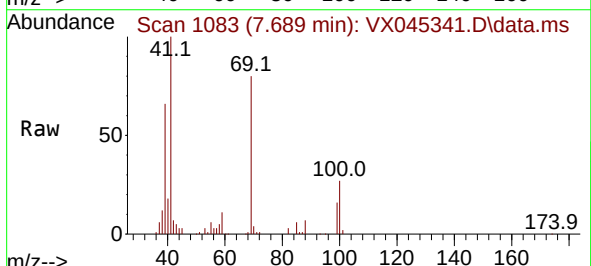
Delta R.T. -0.000 min

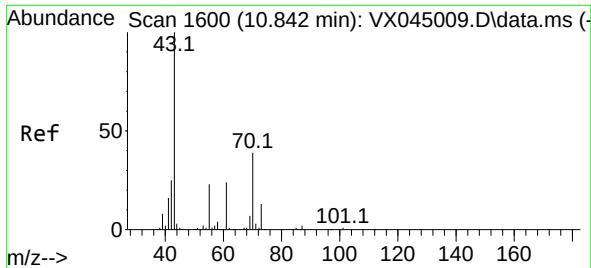
Lab File: VX045341.D

Acq: 19 Mar 2025 11:41

Tgt Ion: 41 Resp: 34428

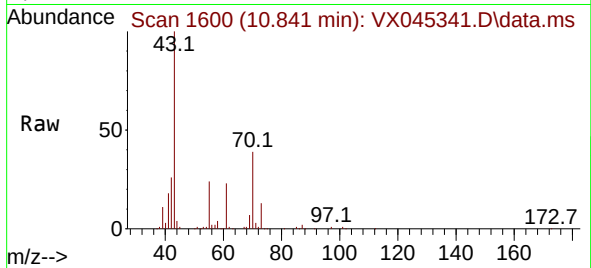
Ion	Ratio	Lower	Upper
41	100		
69	79.9	40.7	122.1
39	65.6	29.5	88.5





#47
n-amy1 Acetate
Concen: 18.859 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

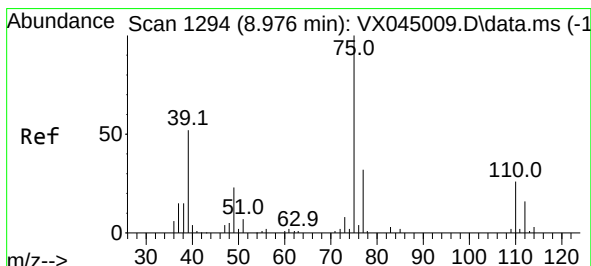
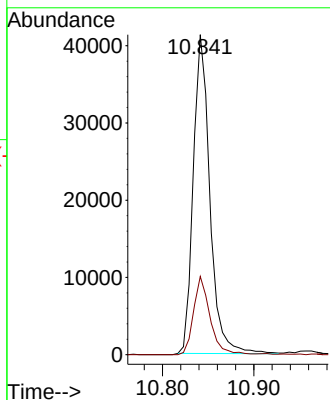
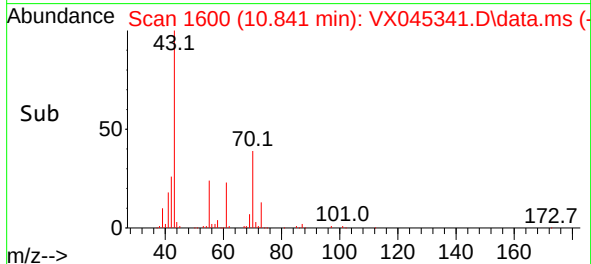
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01



Tgt Ion: 43 Resp: 5224
Ion Ratio Lower Upper
43 100
55 24.3 18.6 27.8

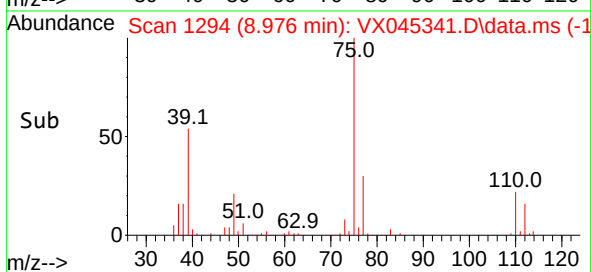
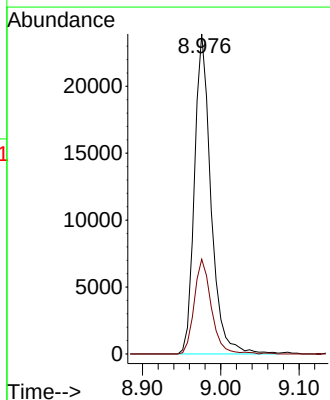
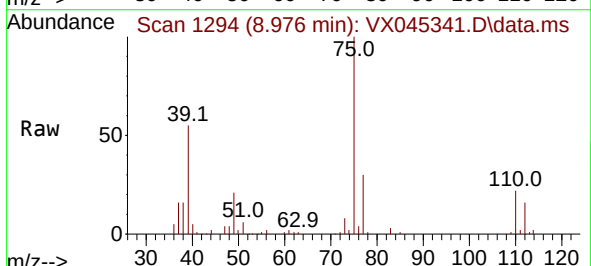
Manual Integrations
APPROVED

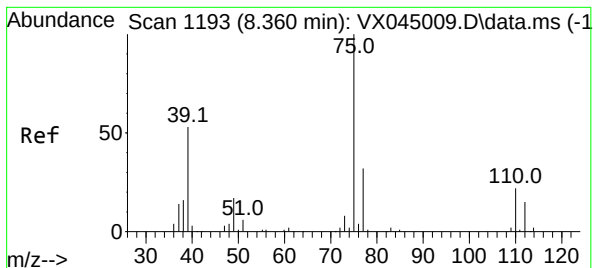
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#48
t-1,3-Dichloropropene
Concen: 18.287 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

Tgt Ion: 75 Resp: 35099
Ion Ratio Lower Upper
75 100
77 29.6 25.7 38.5





#49

cis-1,3-Dichloropropene

Concen: 18.763 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX045341.D

Acq: 19 Mar 2025 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS01

Tgt Ion: 75 Resp: 4076

Ion Ratio Lower Upper

75 100

77 29.8 25.9 38.9

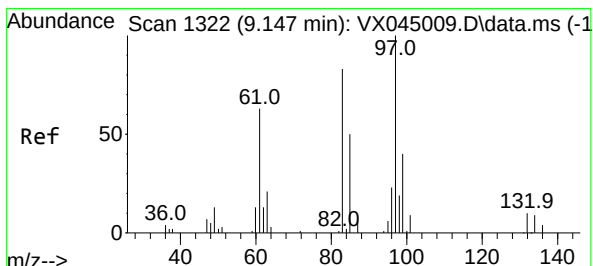
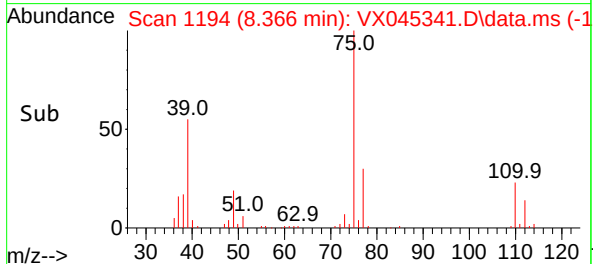
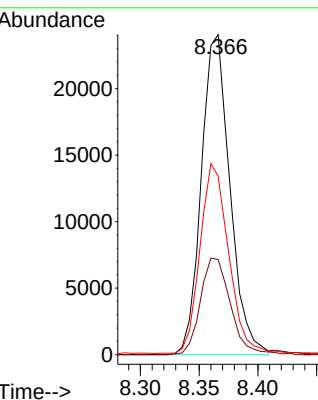
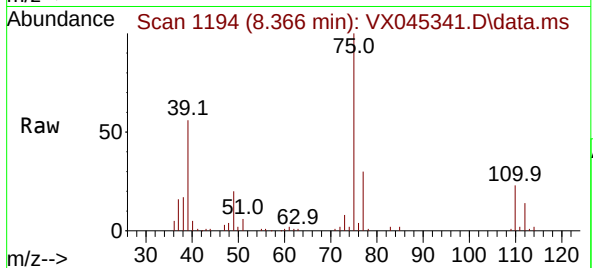
39 55.3 42.3 63.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#50

1,1,2-Trichloroethane

Concen: 20.107 ug/l

RT: 9.146 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VX045341.D

Acq: 19 Mar 2025 11:41

Tgt Ion: 97 Resp: 26276

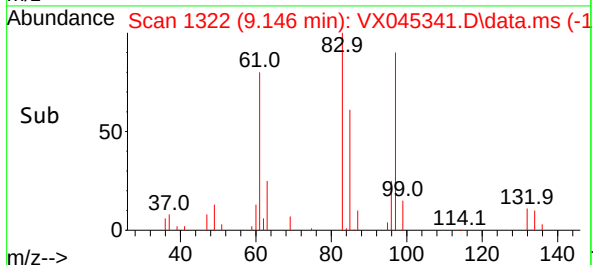
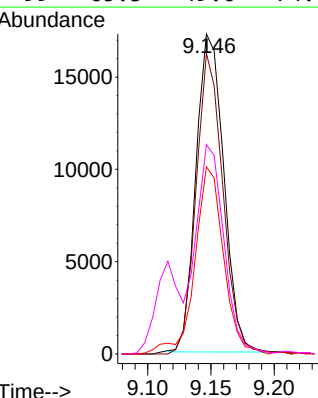
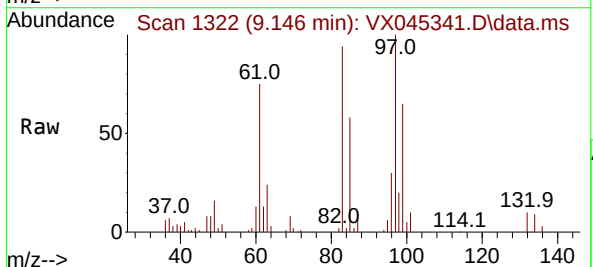
Ion Ratio Lower Upper

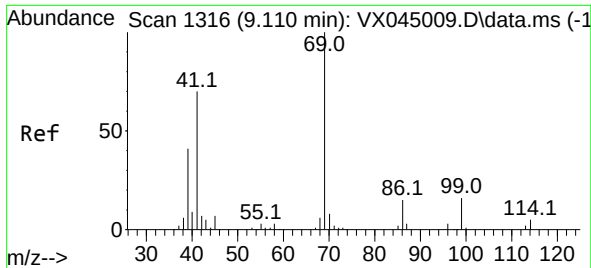
97 100

83 94.6 66.0 99.0

85 58.9 42.5 63.7

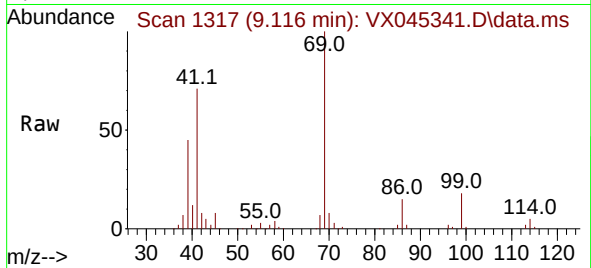
99 65.3 49.6 74.4





#51
Ethyl methacrylate
Concen: 19.861 ug/l
RT: 9.116 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

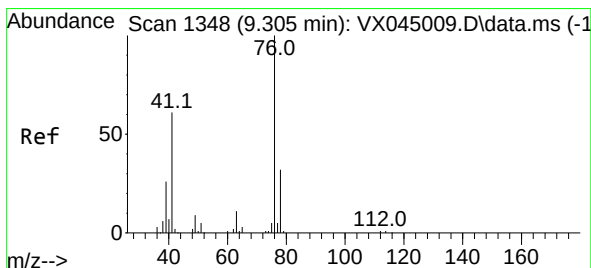
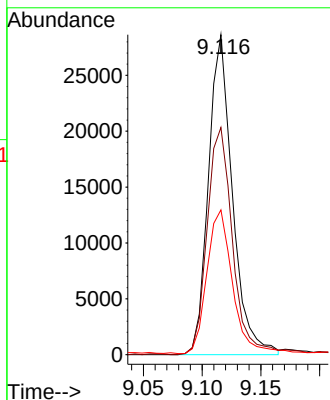
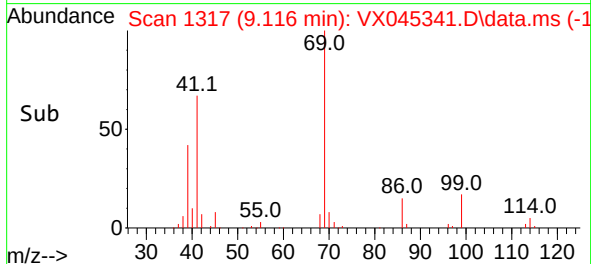
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01



Tgt Ion: 69 Resp: 40819
Ion Ratio Lower Upper
69 100
41 71.0 35.1 105.3
39 44.9 20.5 61.6

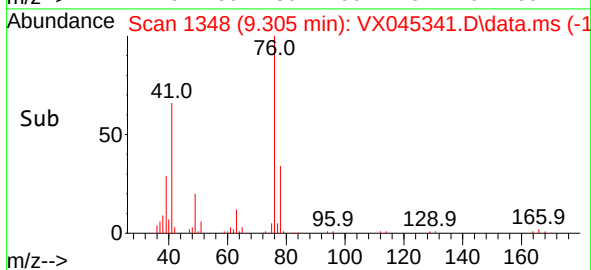
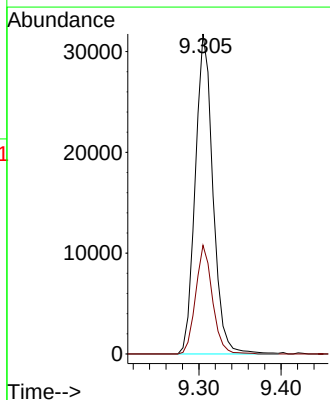
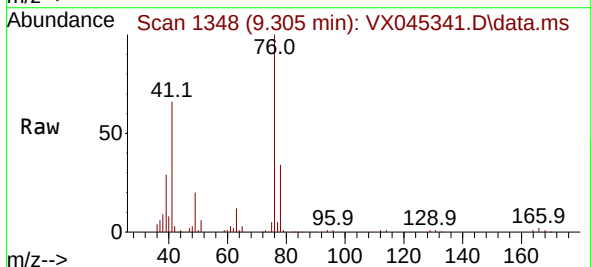
Manual Integrations
APPROVED

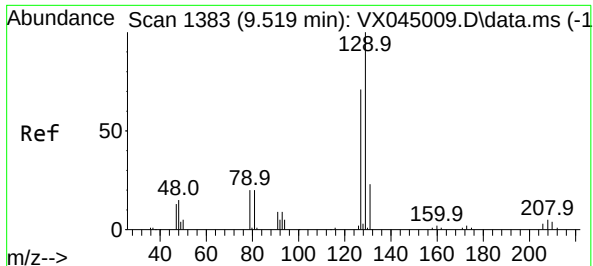
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#52
1,3-Dichloropropane
Concen: 20.677 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

Tgt Ion: 76 Resp: 47347
Ion Ratio Lower Upper
76 100
78 32.3 0.0 63.6





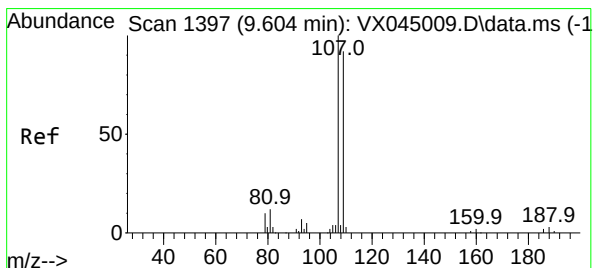
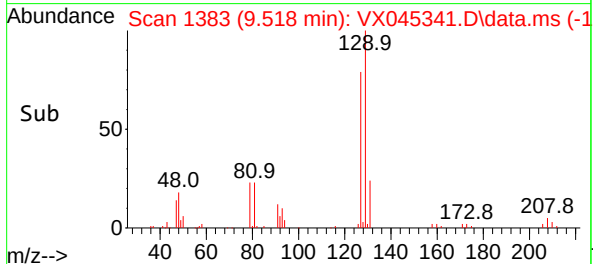
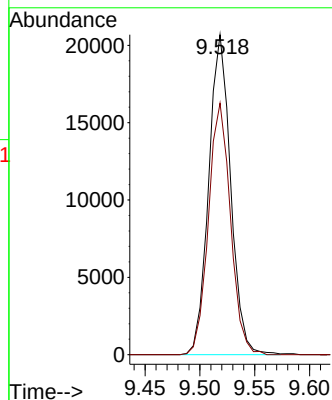
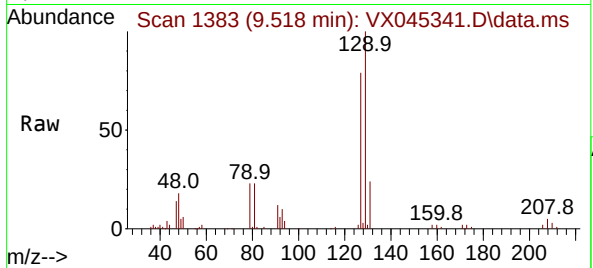
#53
Dibromochloromethane
Concen: 19.931 ug/l
RT: 9.518 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01

Tgt Ion:129 Resp: 2880
Ion Ratio Lower Upper
129 100
127 78.9 37.3 111.9

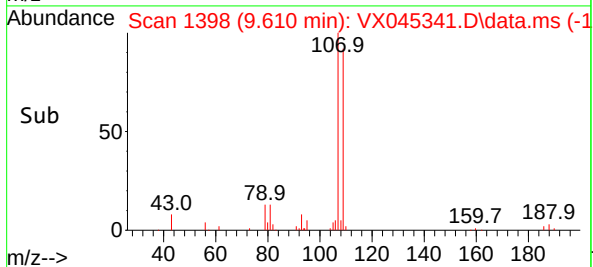
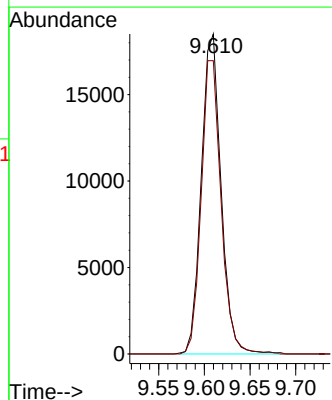
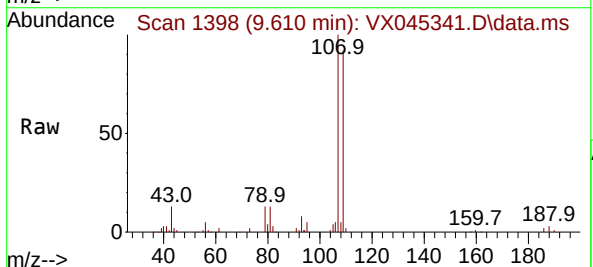
Manual Integrations
APPROVED

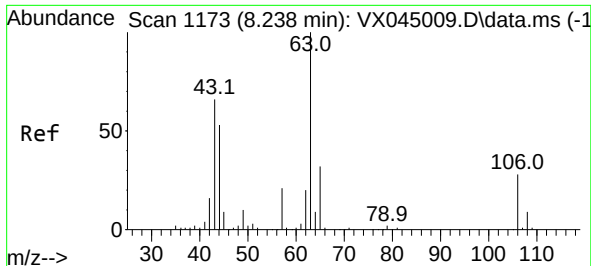
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#54
1,2-Dibromoethane
Concen: 20.889 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

Tgt Ion:107 Resp: 27720
Ion Ratio Lower Upper
107 100
109 92.7 75.8 113.8





#55

2-Chloroethyl vinyl ether

Concen: 127.852 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045341.D

Acq: 19 Mar 2025 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS01

Tgt Ion: 63 Resp: 134939

Ion Ratio Lower Upper

63 100

65 31.7 26.2 39.2

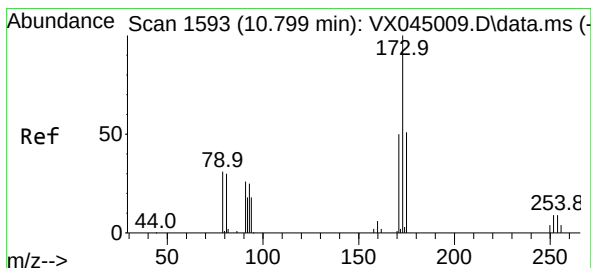
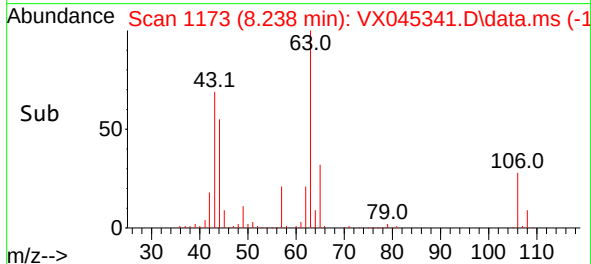
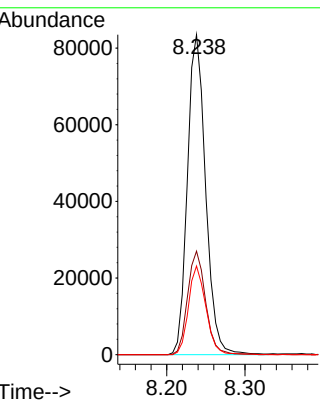
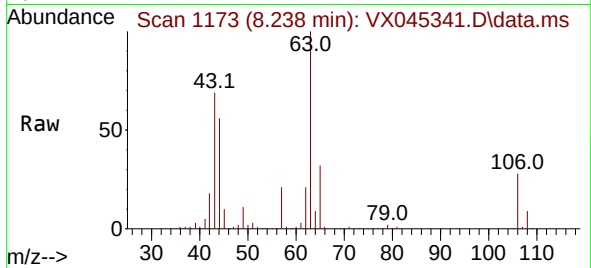
106 26.4 21.2 31.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#56

Bromoform

Concen: 19.423 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX045341.D

Acq: 19 Mar 2025 11:41

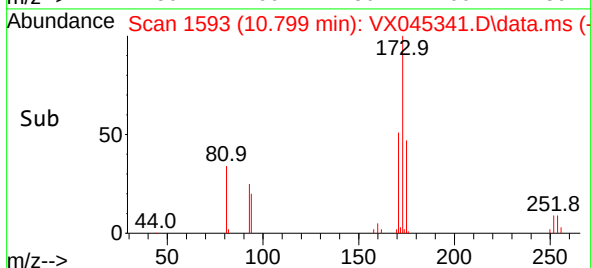
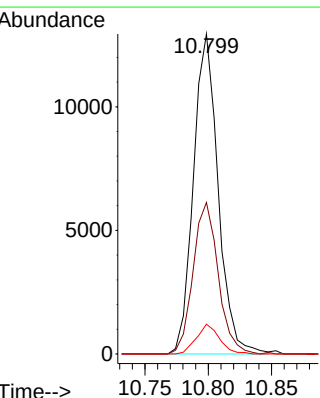
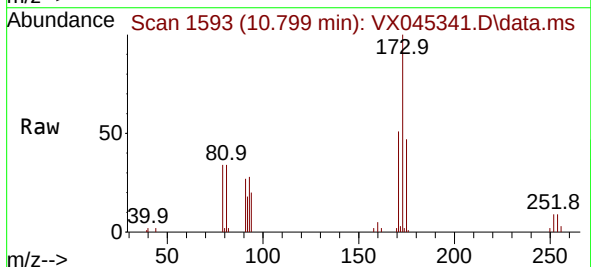
Tgt Ion:173 Resp: 17591

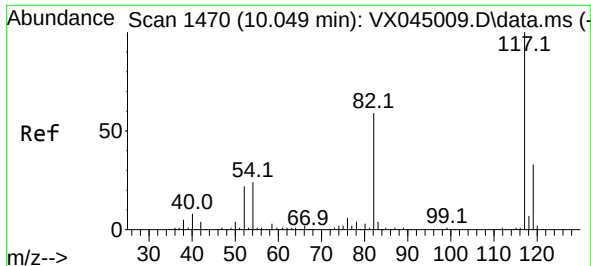
Ion Ratio Lower Upper

173 100

175 48.1 39.6 59.4

254 8.6 6.3 9.5





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX045341.D

Acq: 19 Mar 2025 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS01

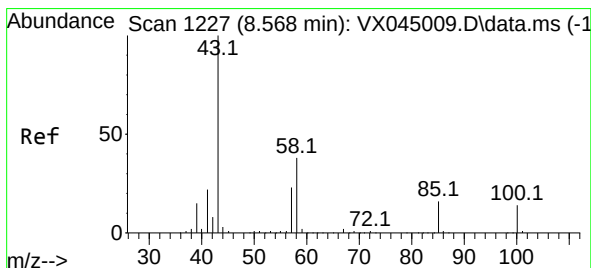
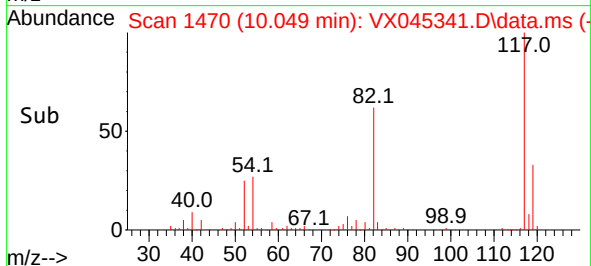
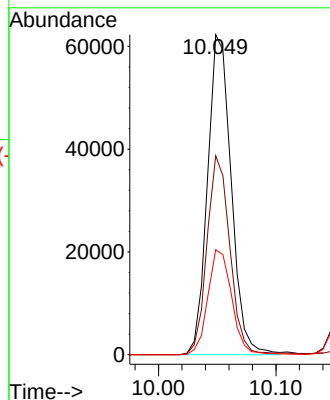
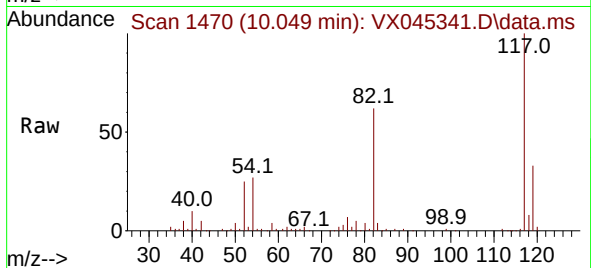
Tgt Ion:	117	Resp:	87335
Ion Ratio	Lower	Upper	
117	100		
82	60.0	45.8	68.8
119	33.1	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#58

4-Methyl-2-Pentanone

Concen: 117.104 ug/l

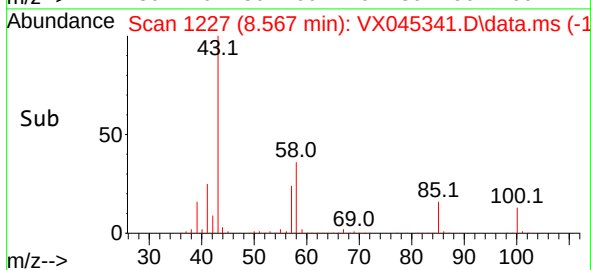
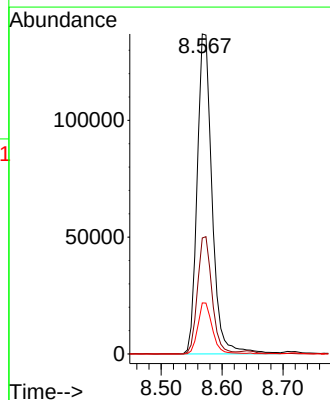
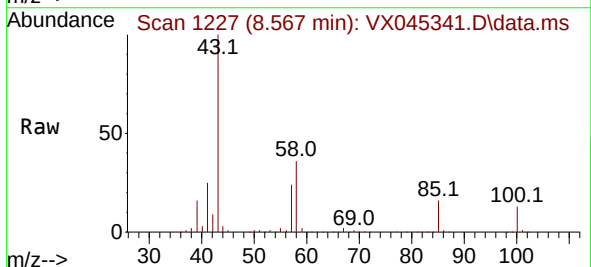
RT: 8.567 min Scan# 1227

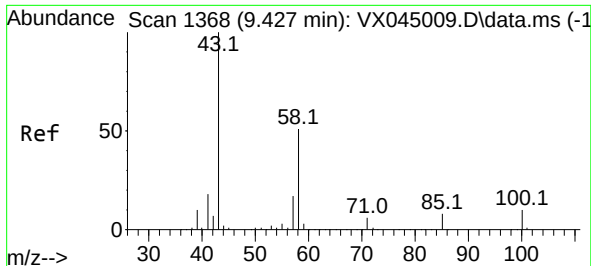
Delta R.T. -0.000 min

Lab File: VX045341.D

Acq: 19 Mar 2025 11:41

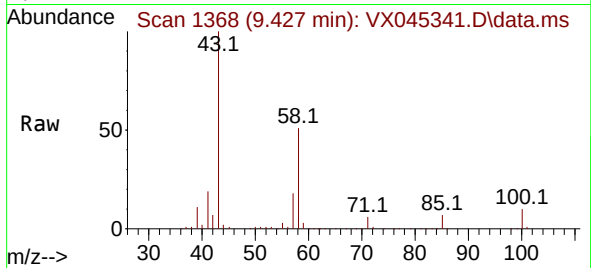
Tgt Ion:	43	Resp:	232649
Ion Ratio	Lower	Upper	
43	100		
58	35.8	29.5	44.3
85	15.5	12.9	19.3





#59
2-Hexanone
Concen: 117.117 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

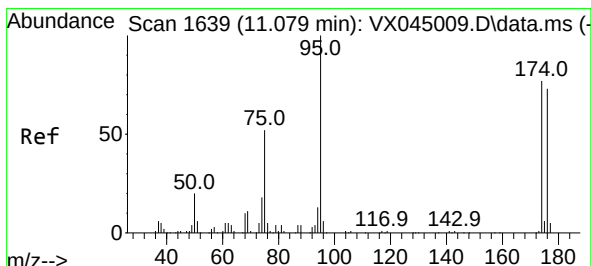
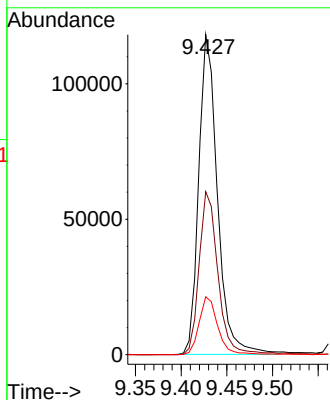
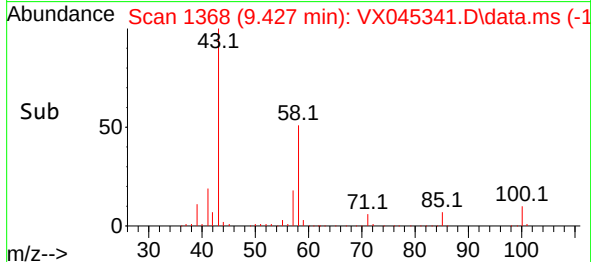
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01



Tgt Ion: 43 Resp: 168179
Ion Ratio Lower Upper
43 100
58 50.9 41.6 62.4
57 18.1 13.8 20.6

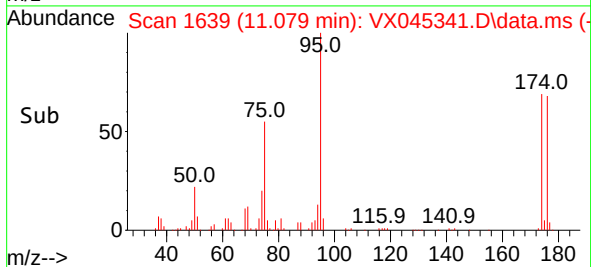
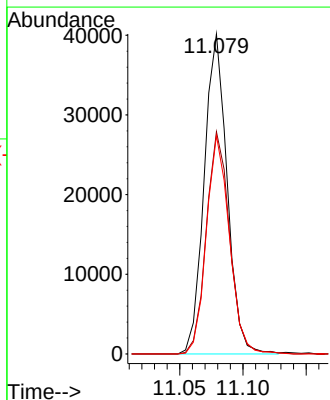
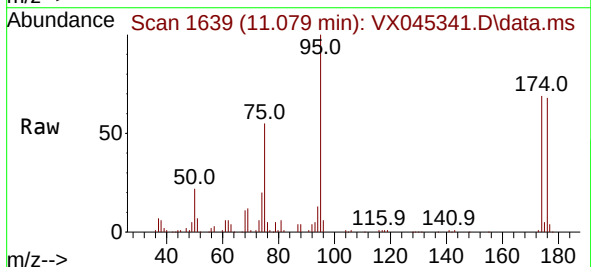
Manual Integrations
APPROVED

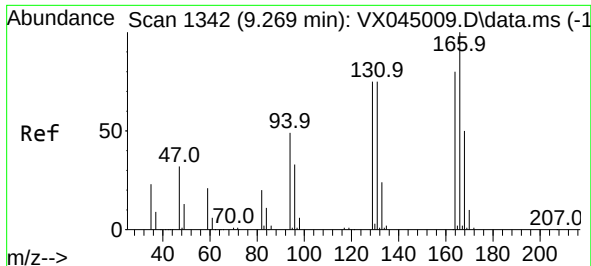
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#60
4-Bromofluorobenzene
Concen: 31.066 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

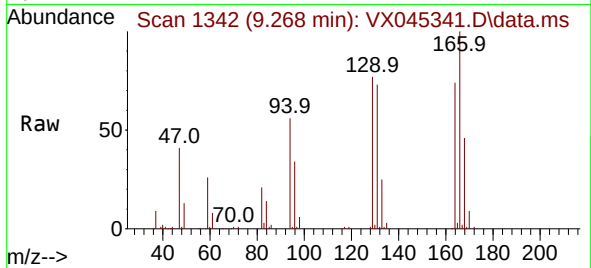
Tgt Ion: 95 Resp: 50712
Ion Ratio Lower Upper
95 100
174 70.5 59.5 89.3
176 68.4 55.5 83.3





#61
Tetrachloroethene
Concen: 21.122 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

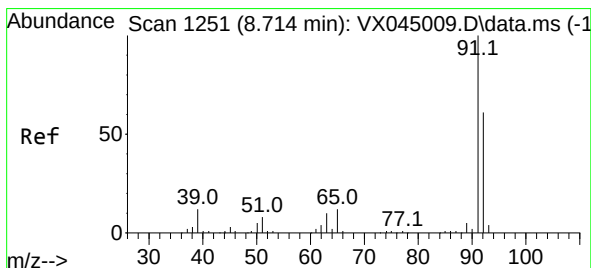
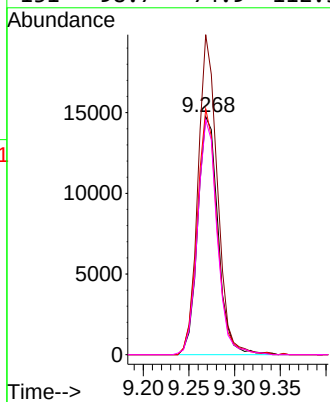
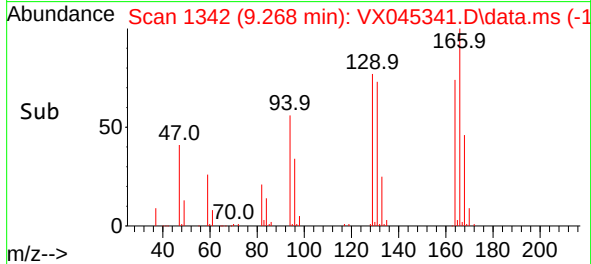
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01



Tgt Ion:164 Resp: 22715
Ion Ratio Lower Upper
164 100
166 134.5 100.3 150.5
129 103.3 75.5 113.3
131 98.7 74.9 112.3

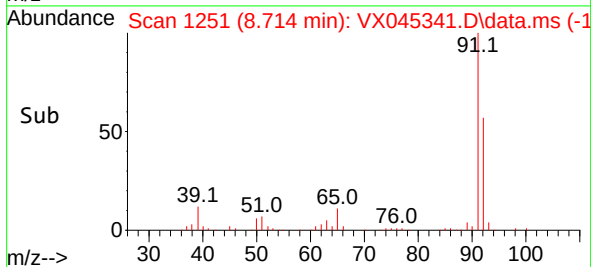
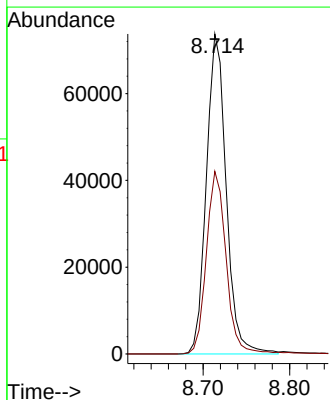
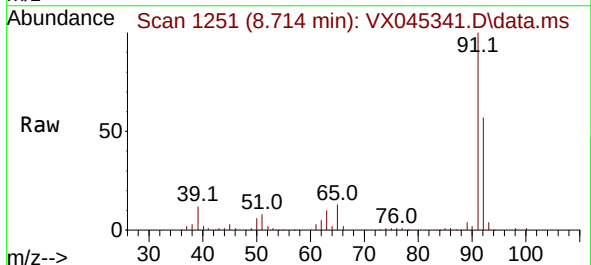
Manual Integrations
APPROVED

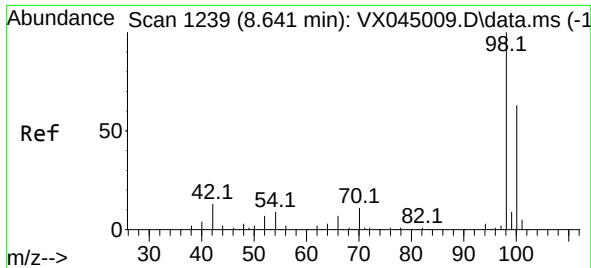
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#62
Toluene
Concen: 20.251 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

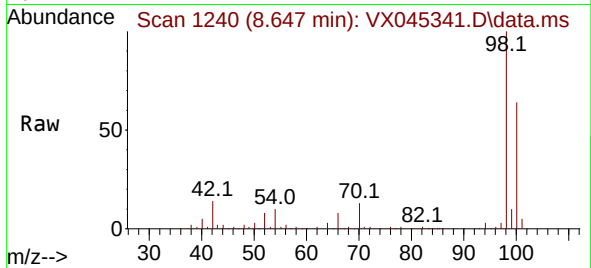
Tgt Ion: 91 Resp: 117162
Ion Ratio Lower Upper
91 100
92 56.6 46.9 70.3





#63
Toluene-d8
Concen: 31.105 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

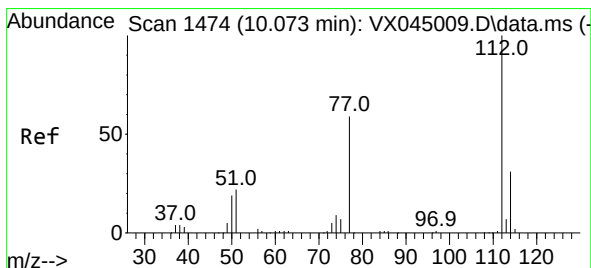
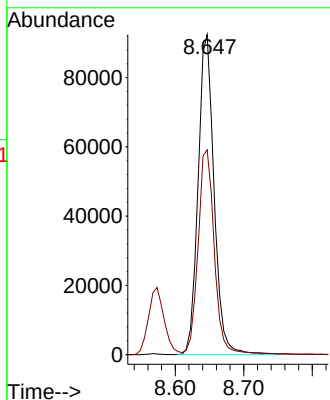
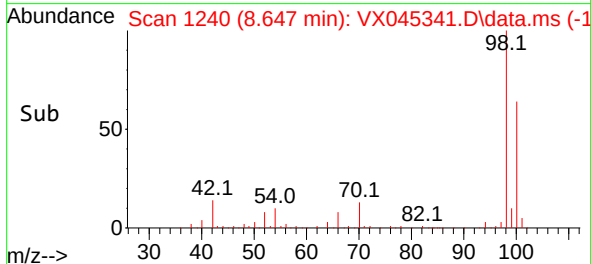
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01



Tgt Ion: 98 Resp: 15028
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5

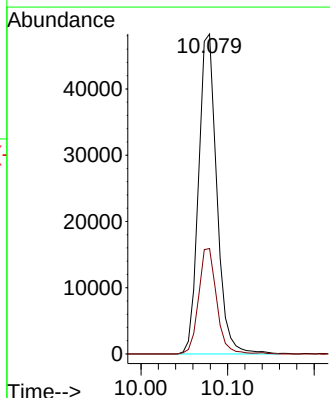
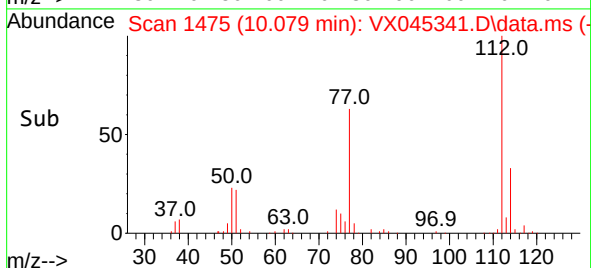
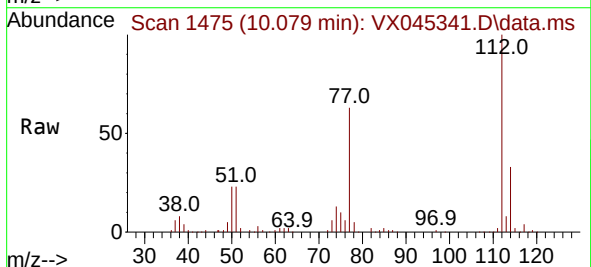
Manual Integrations
APPROVED

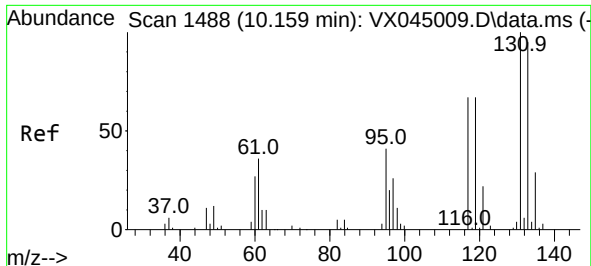
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#64
Chlorobenzene
Concen: 19.741 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

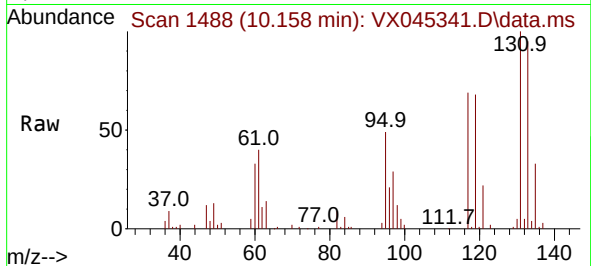
Tgt Ion:112 Resp: 70773
Ion Ratio Lower Upper
112 100
114 32.9 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 19.868 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

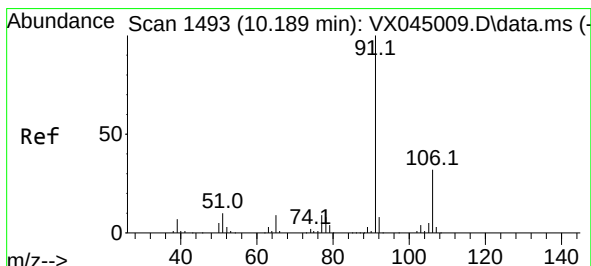
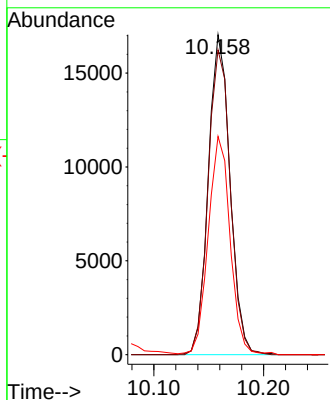
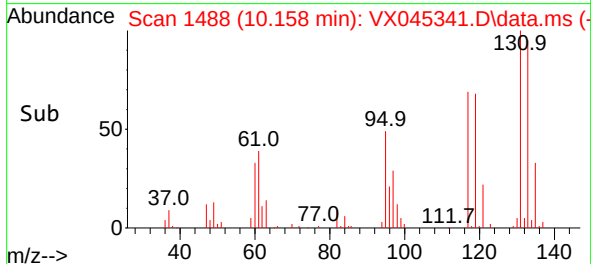
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01



Tgt Ion:131 Resp: 2350
Ion Ratio Lower Upper
131 100
133 97.6 0.0 187.8
119 68.6 0.0 133.0

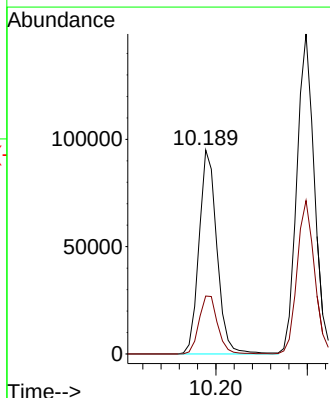
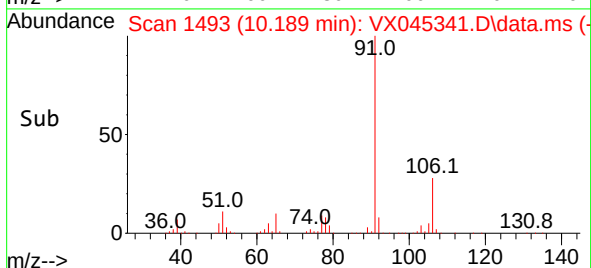
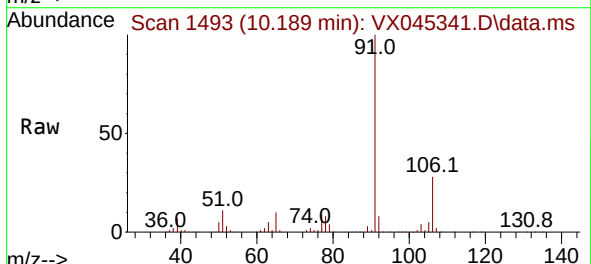
Manual Integrations
APPROVED

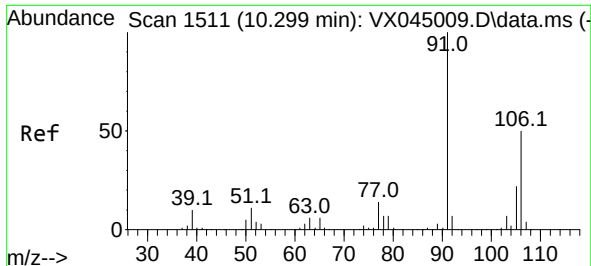
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#66
Ethyl Benzene
Concen: 20.346 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

Tgt Ion: 91 Resp: 128869
Ion Ratio Lower Upper
91 100
106 28.4 25.4 38.2





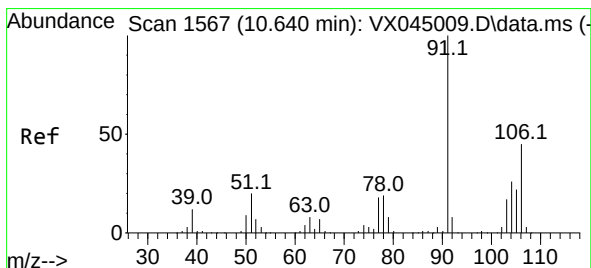
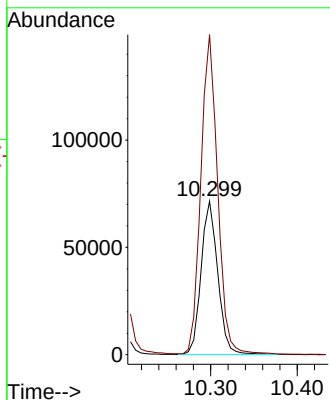
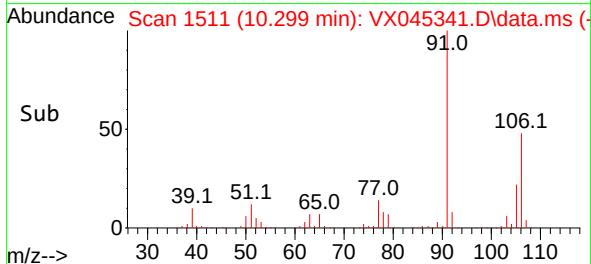
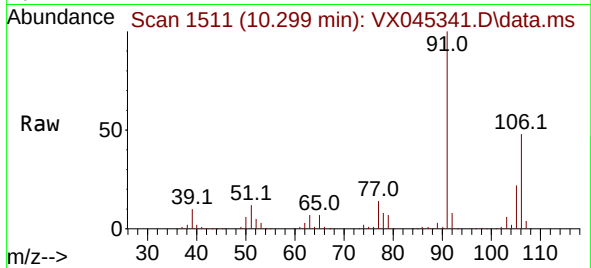
#67
m/p-Xylenes
Concen: 40.449 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01

Tgt Ion:106 Resp: 95456
Ion Ratio Lower Upper
106 100
91 210.0 163.7 245.5

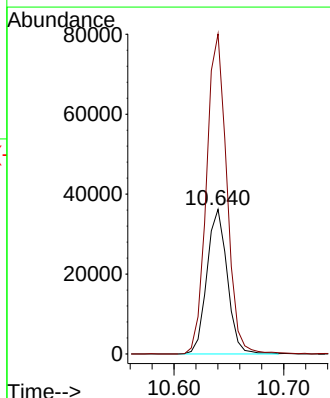
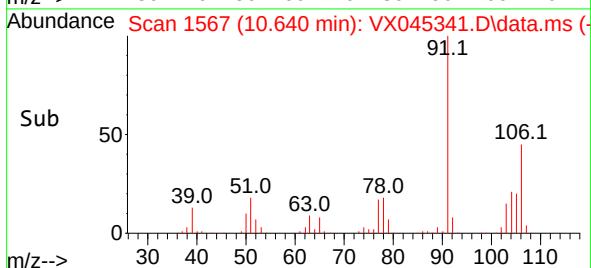
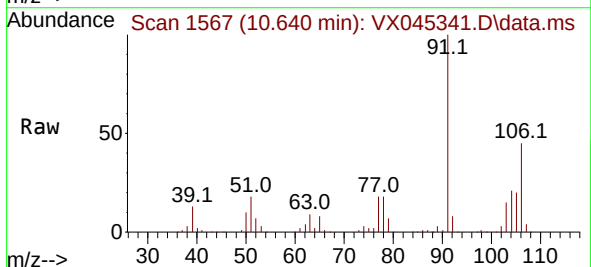
Manual Integrations
APPROVED

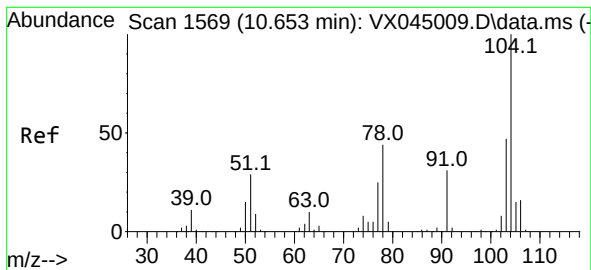
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#68
o-Xylene
Concen: 20.202 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

Tgt Ion:106 Resp: 46776
Ion Ratio Lower Upper
106 100
91 220.3 109.7 329.1





#69

Styrene

Concen: 19.546 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX045341.D

Acq: 19 Mar 2025 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS01

Tgt Ion:104 Resp: 7558

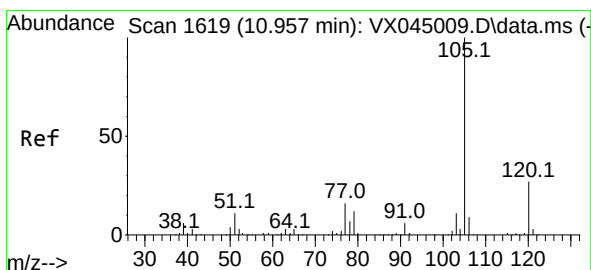
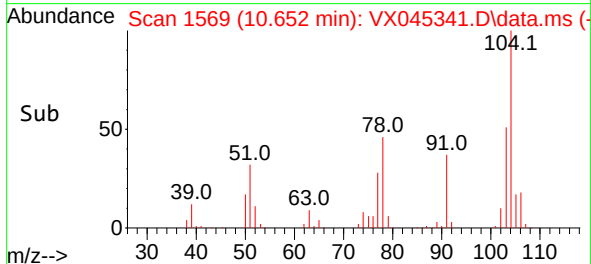
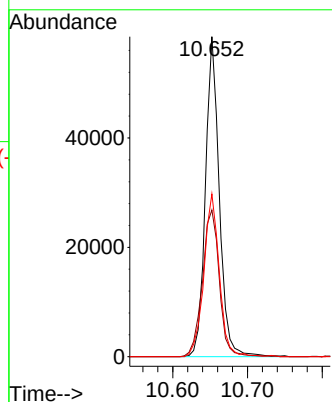
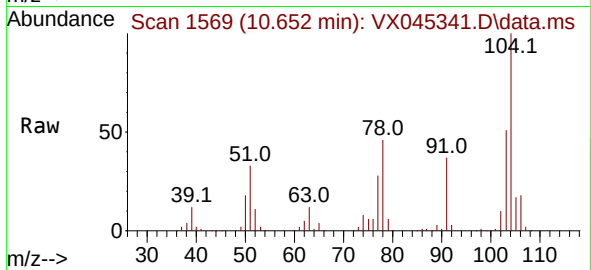
Ion	Ratio	Lower	Upper
104	100		
78	55.7	41.4	62.0
103	56.3	43.0	64.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#70

Isopropylbenzene

Concen: 20.530 ug/l

RT: 10.957 min Scan# 1619

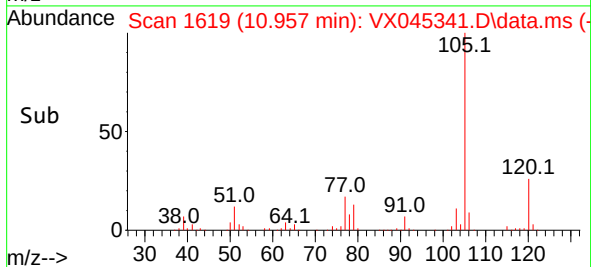
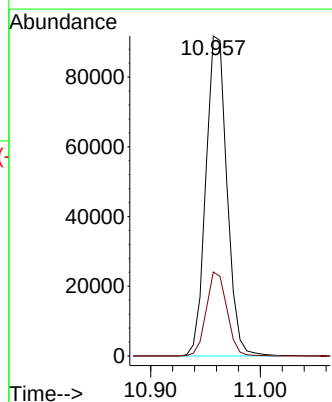
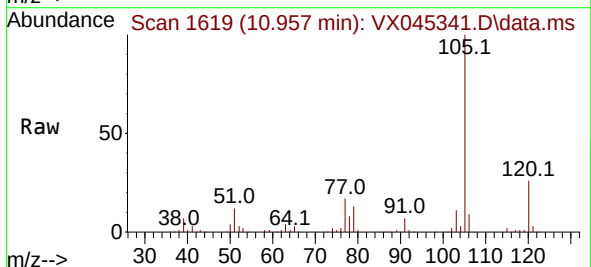
Delta R.T. -0.000 min

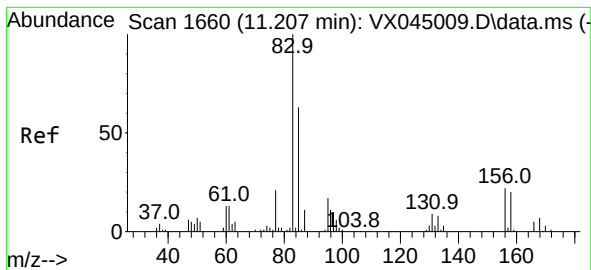
Lab File: VX045341.D

Acq: 19 Mar 2025 11:41

Tgt Ion:105 Resp: 122673

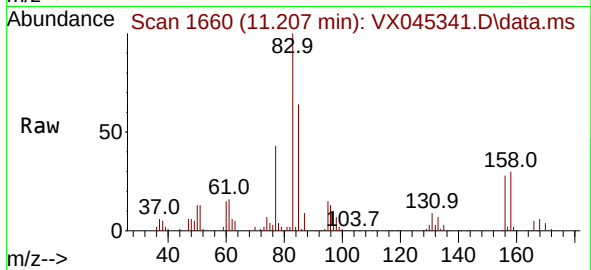
Ion	Ratio	Lower	Upper
105	100		
120	25.7	18.4	34.2





#71
1,1,2,2-Tetrachloroethane
Concen: 21.256 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

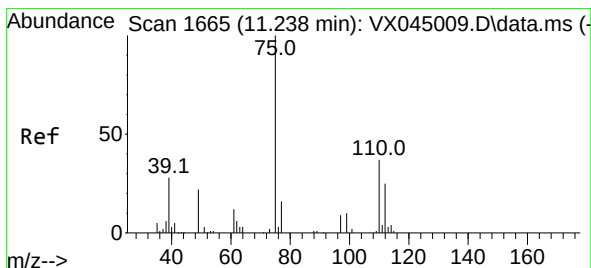
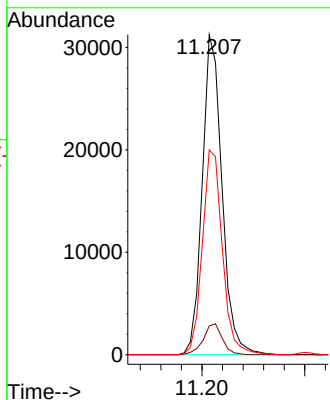
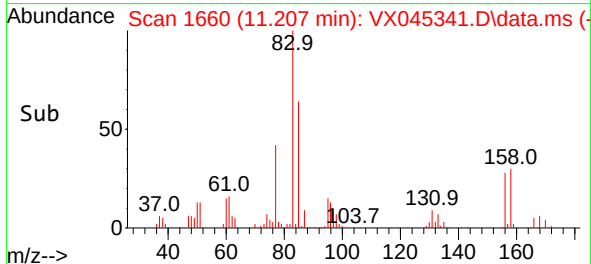
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01



Tgt Ion: 83 Resp: 41760
Ion Ratio Lower Upper
83 100
131 9.3 4.8 14.3
85 64.9 32.3 96.8

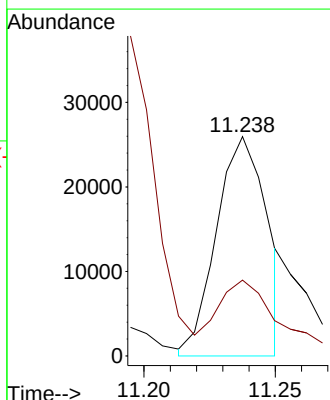
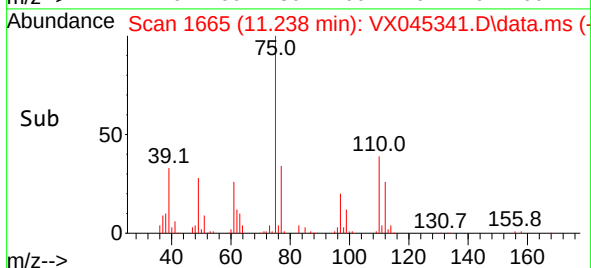
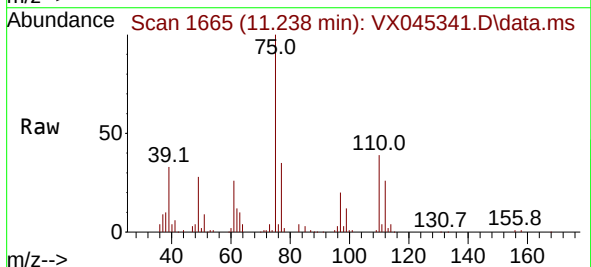
Manual Integrations
APPROVED

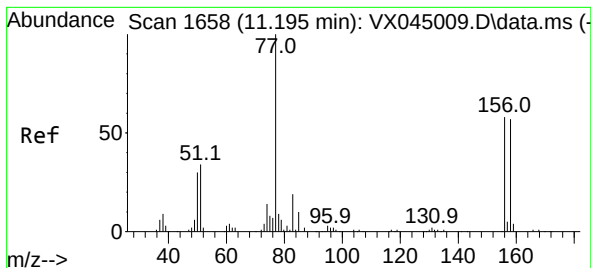
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#72
1,2,3-Trichloropropane
Concen: 21.561 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

Tgt Ion: 75 Resp: 34845
Ion Ratio Lower Upper
75 100
77 42.2 0.0 84.0





#73

Bromobenzene

Concen: 19.049 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX045341.D

Acq: 19 Mar 2025 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS01

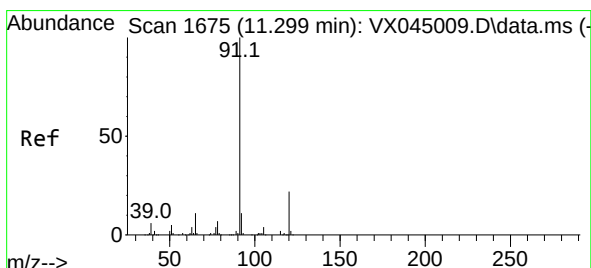
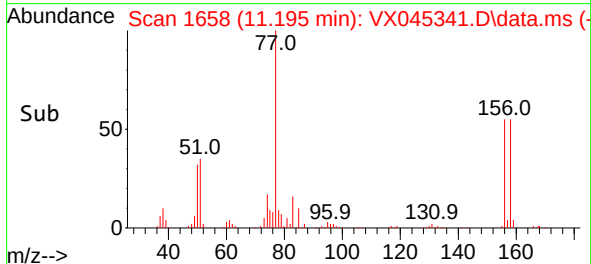
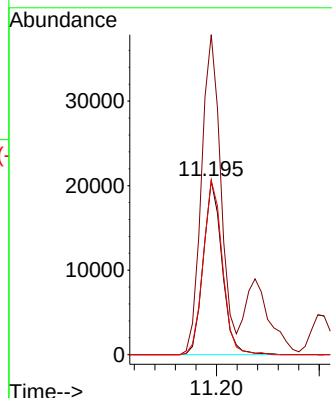
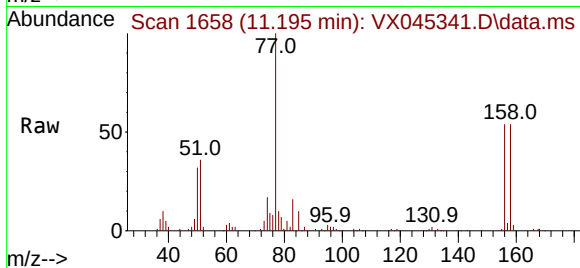
Tgt Ion:	156	Resp:	2620
Ion Ratio	Lower	Upper	
156	100		
77	189.9	0.0	347.2
158	101.8	0.0	197.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#74

n-propylbenzene

Concen: 20.266 ug/l

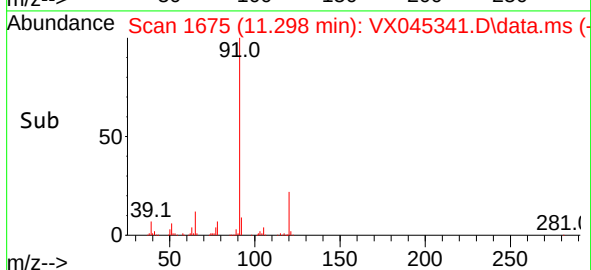
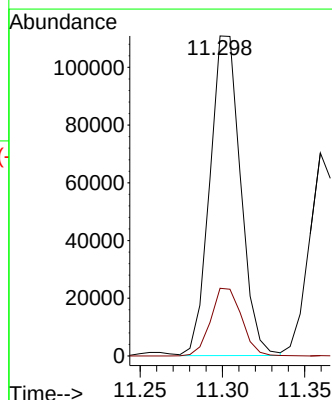
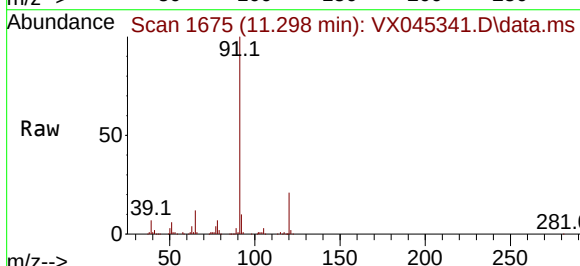
RT: 11.298 min Scan# 1675

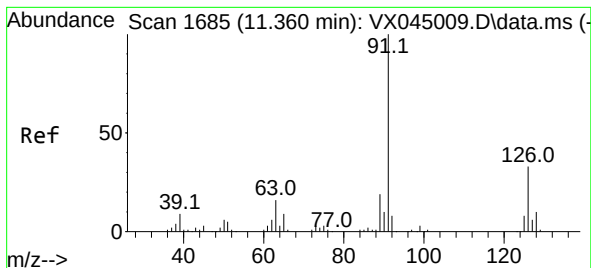
Delta R.T. -0.000 min

Lab File: VX045341.D

Acq: 19 Mar 2025 11:41

Tgt Ion:	91	Resp:	144108
Ion Ratio	Lower	Upper	
91	100		
120	21.3	0.0	44.2





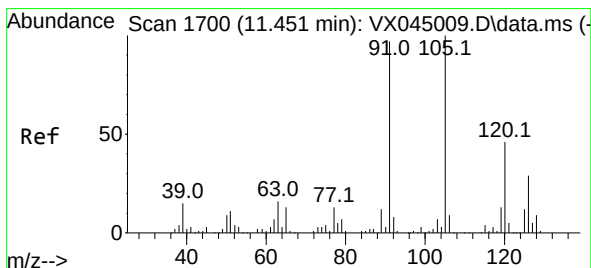
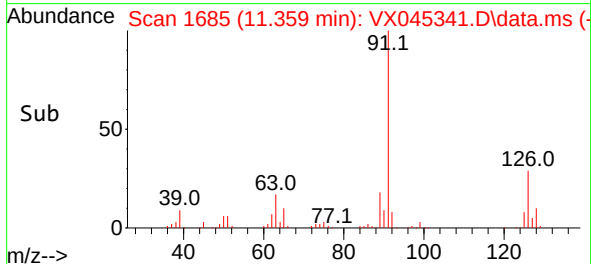
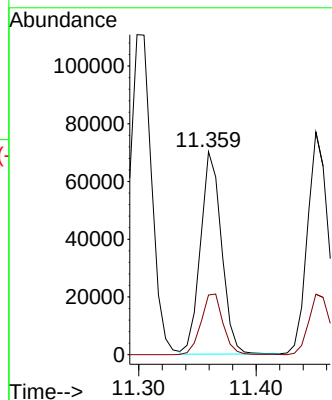
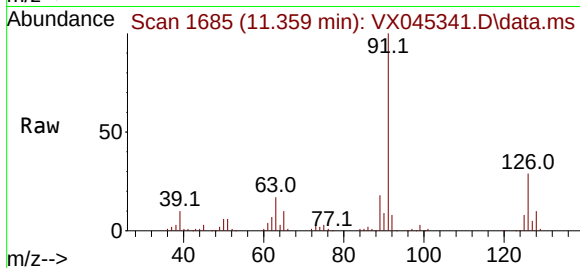
#75
2-Chlorotoluene
Concen: 20.332 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01

Tgt Ion: 91 Resp: 8740
Ion Ratio Lower Upper
91 100
126 31.3 0.0 65.4

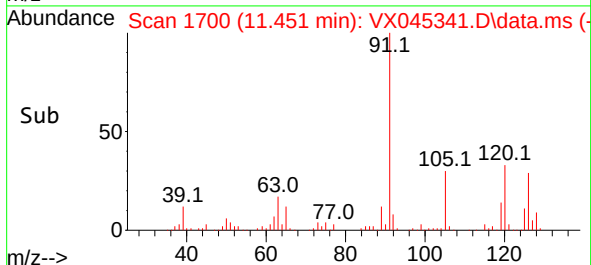
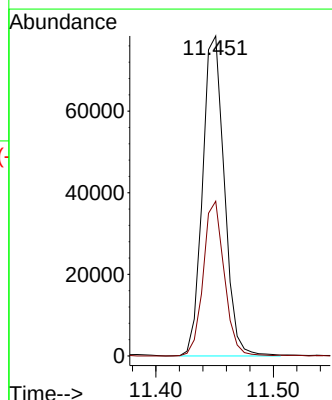
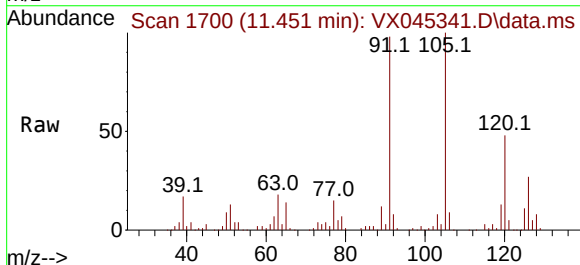
Manual Integrations
APPROVED

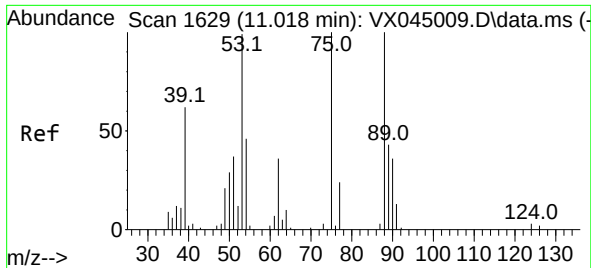
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#76
1,3,5-Trimethylbenzene
Concen: 20.514 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

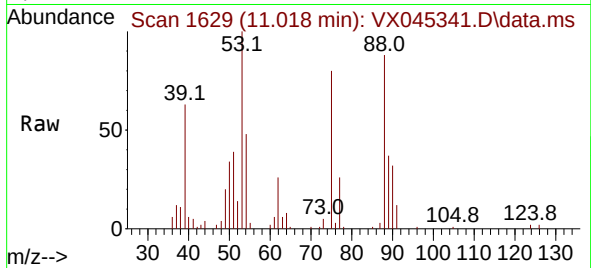
Tgt Ion:105 Resp: 101121
Ion Ratio Lower Upper
105 100
120 46.7 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 18.721 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

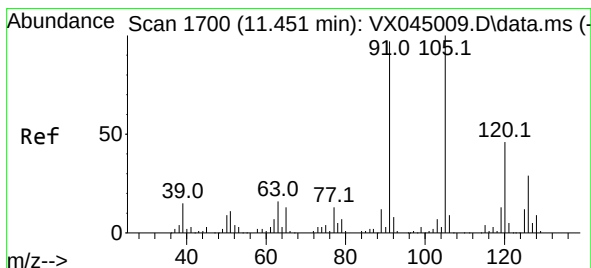
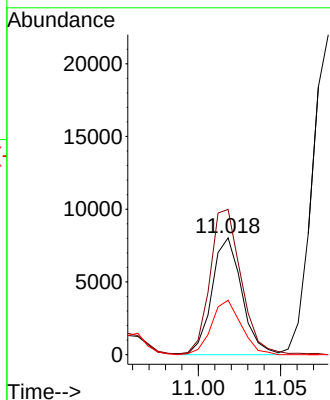
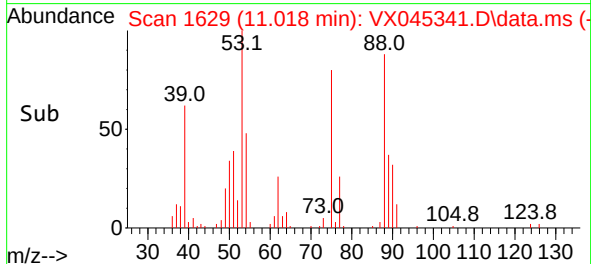
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01



Tgt Ion: 75 Resp: 10179
Ion Ratio Lower Upper
75 100
53 124.8 49.8 149.4
89 47.0 21.4 64.2

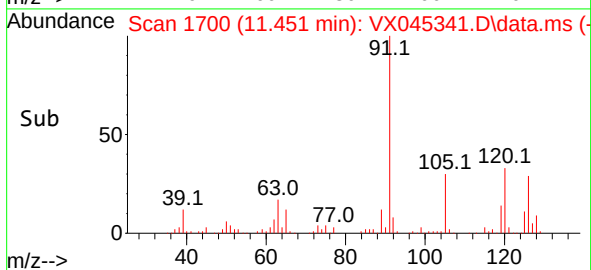
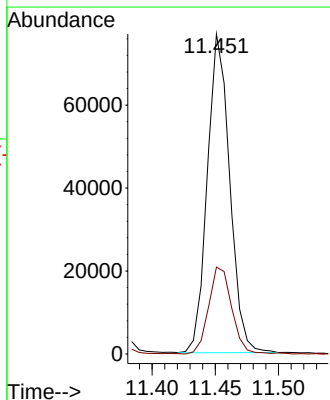
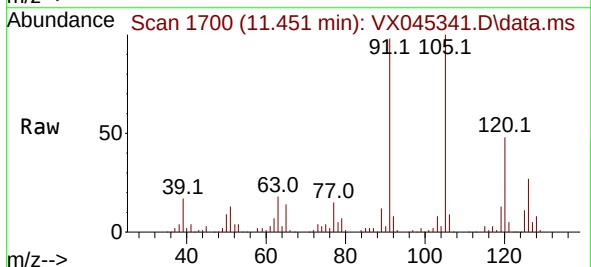
Manual Integrations
APPROVED

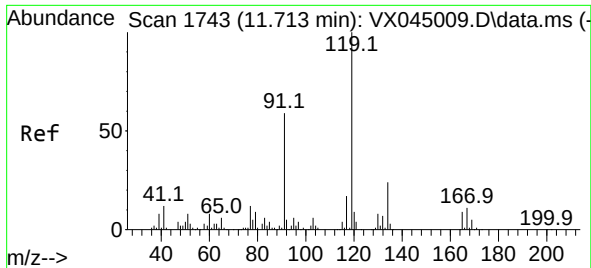
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#78
4-Chlorotoluene
Concen: 19.786 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

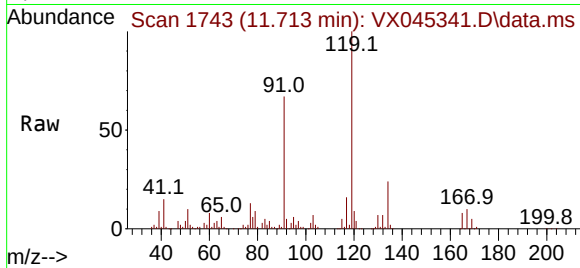
Tgt Ion: 91 Resp: 94815
Ion Ratio Lower Upper
91 100
126 28.0 0.0 58.0





#79
tert-butylbenzene
Concen: 20.210 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

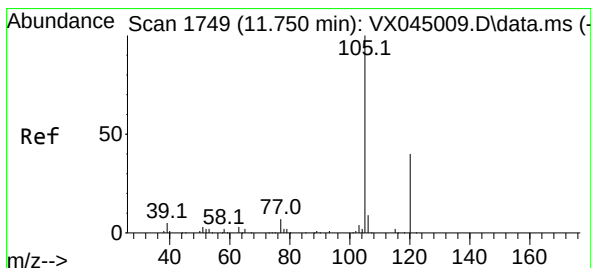
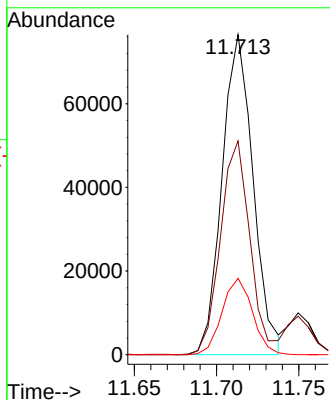
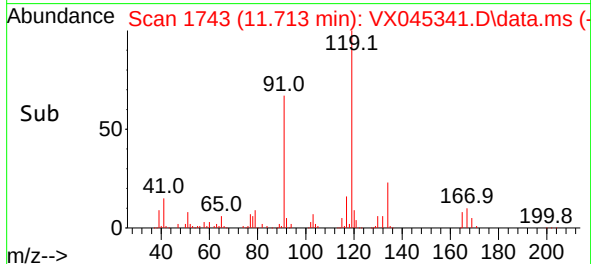
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01



Tgt Ion:119 Resp: 10038
Ion Ratio Lower Upper
119 100
91 62.7 0.0 120.6
134 23.4 0.0 48.2

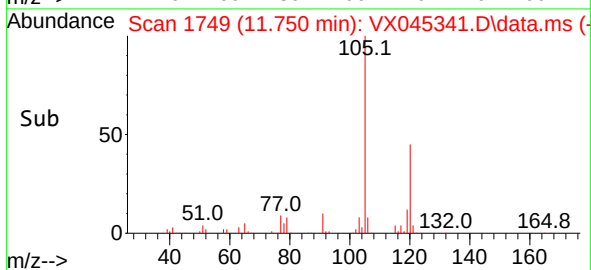
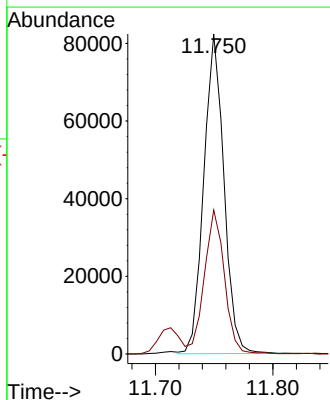
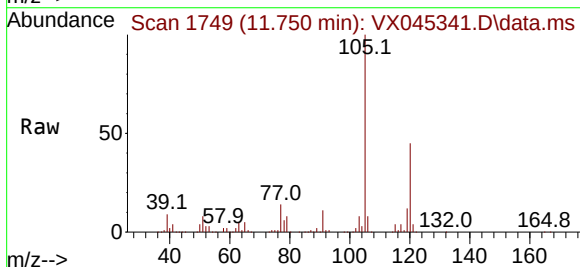
Manual Integrations
APPROVED

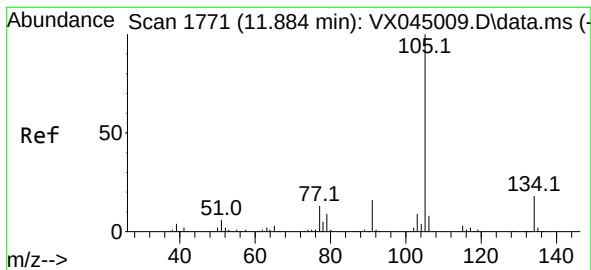
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#80
1,2,4-Trimethylbenzene
Concen: 19.793 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

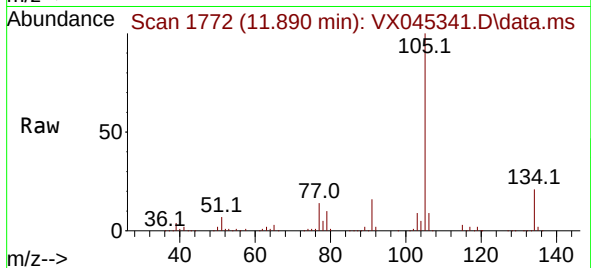
Tgt Ion:105 Resp: 97734
Ion Ratio Lower Upper
105 100
120 45.1 0.0 88.4





#81
 sec-Butylbenzene
 Concen: 20.164 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.006 min
 Lab File: VX045341.D
 Acq: 19 Mar 2025 11:41

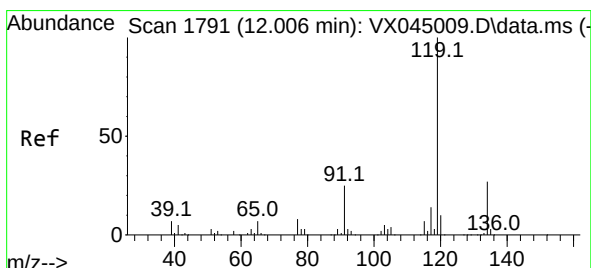
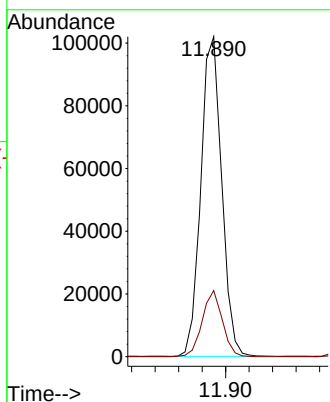
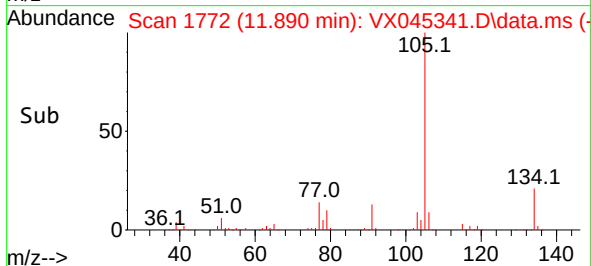
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBS01



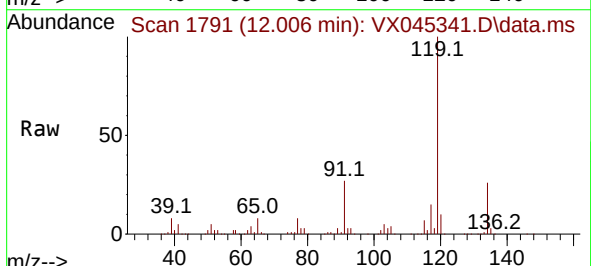
Tgt Ion:105 Resp: 125693
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 39.0

Manual Integrations
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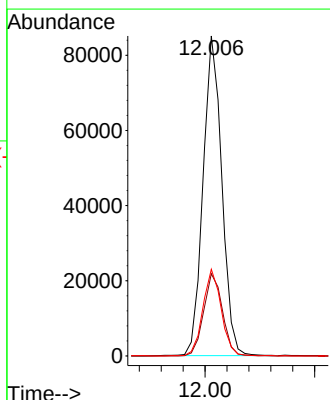
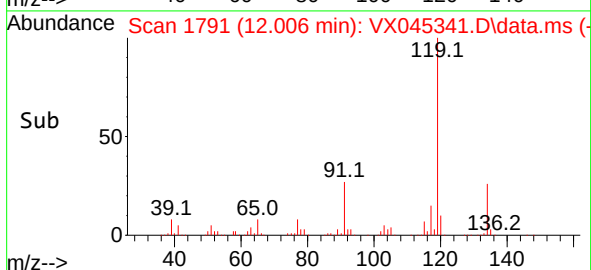
Reviewed By :John Carlone 03/20/2025
 Supervised By :Mahesh Dadoda 03/20/2025

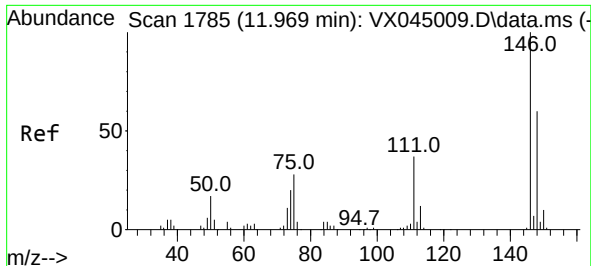


#82
 p-Isopropyltoluene
 Concen: 19.964 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045341.D
 Acq: 19 Mar 2025 11:41



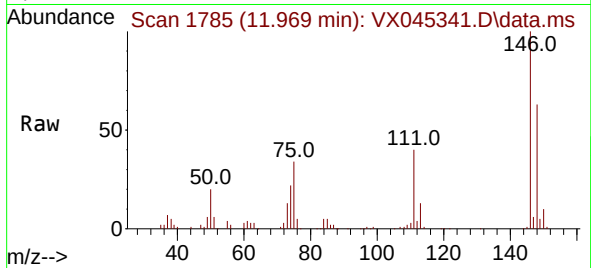
Tgt Ion:119 Resp: 100832
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.6
 91 26.5 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 19.427 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

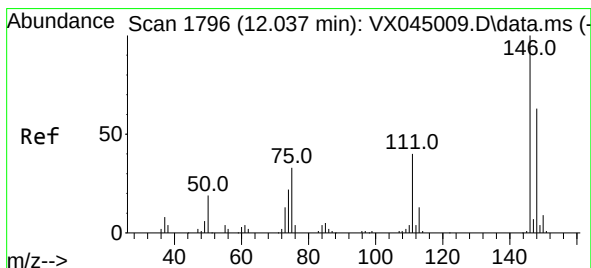
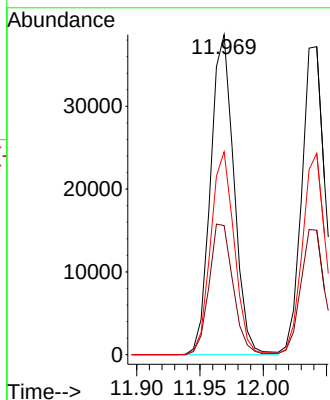
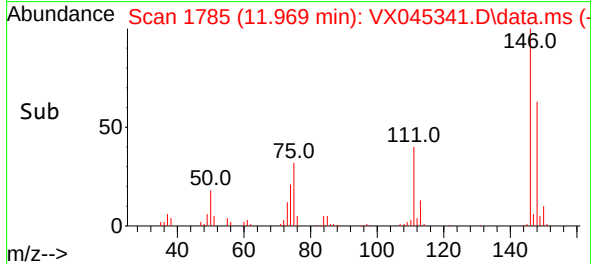
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01



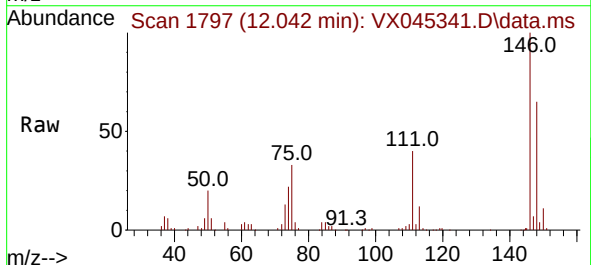
Tgt Ion:146 Resp: 49719
Ion Ratio Lower Upper
146 100
111 41.7 20.2 60.5
148 63.9 31.2 93.6

Manual Integrations
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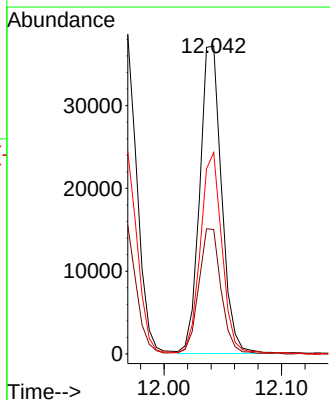
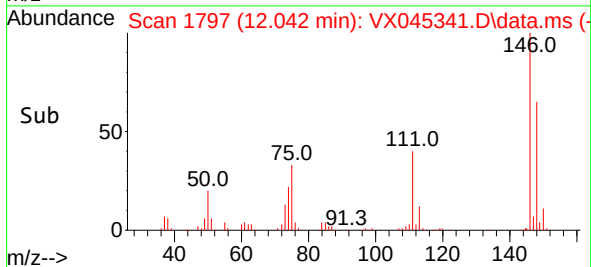
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

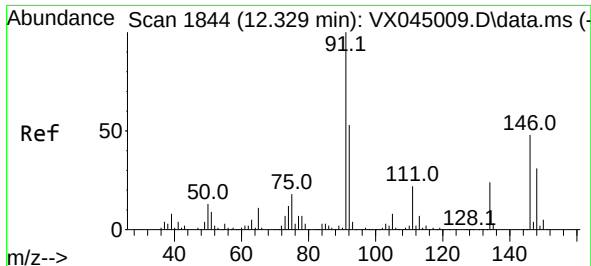


#84
1,4-Dichlorobenzene
Concen: 19.039 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41



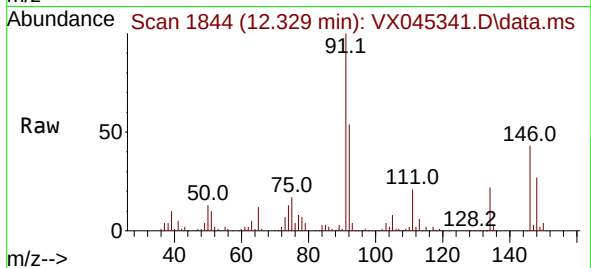
Tgt Ion:146 Resp: 48044
Ion Ratio Lower Upper
146 100
111 41.7 20.4 61.2
148 64.8 31.8 95.4





#85
n-Butylbenzene
Concen: 19.419 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

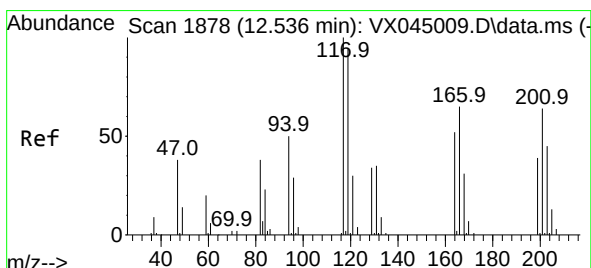
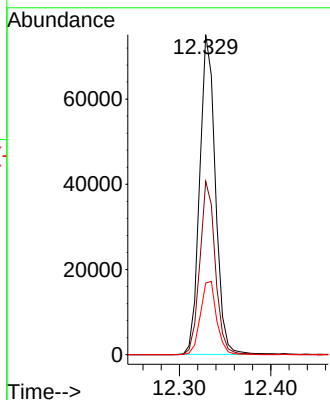
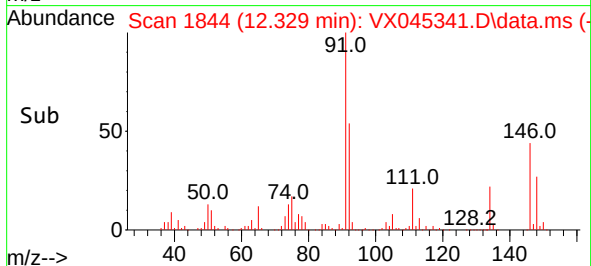
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01



Tgt Ion: 91 Resp: 8956
Ion Ratio Lower Upper
91 100
92 53.2 0.0 105.2
134 23.6 0.0 49.4

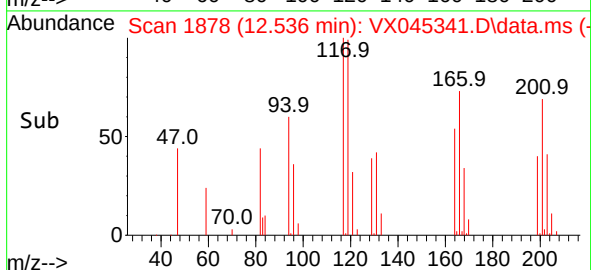
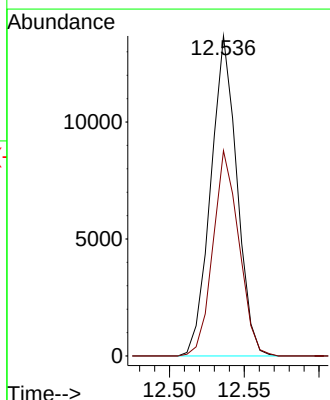
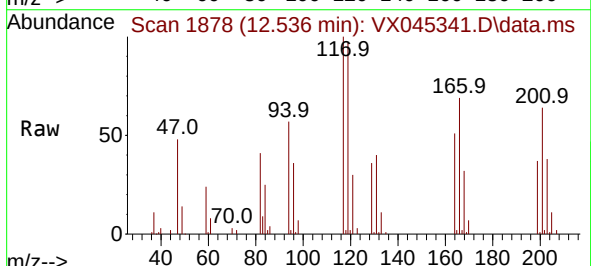
Manual Integrations
APPROVED

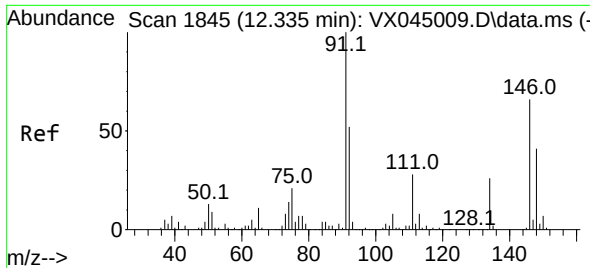
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#86
Hexachloroethane
Concen: 18.710 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

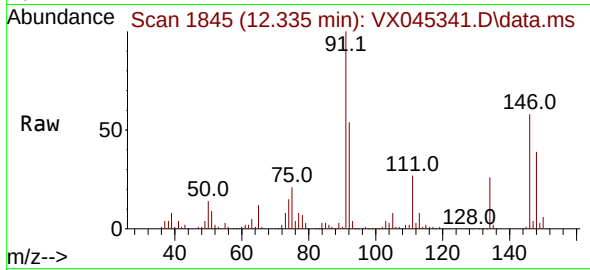
Tgt Ion:117 Resp: 16666
Ion Ratio Lower Upper
117 100
201 63.7 32.6 97.7





#87
1,2-Dichlorobenzene
Concen: 19.590 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

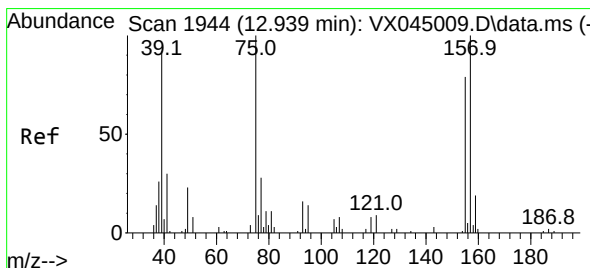
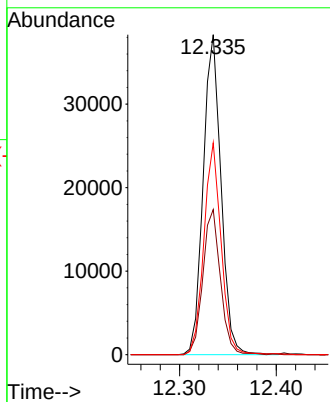
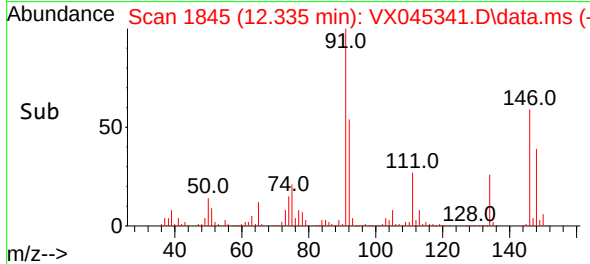
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01



Tgt Ion:146 Resp: 49194
Ion Ratio Lower Upper
146 100
111 44.6 21.7 65.1
148 63.9 31.8 95.4

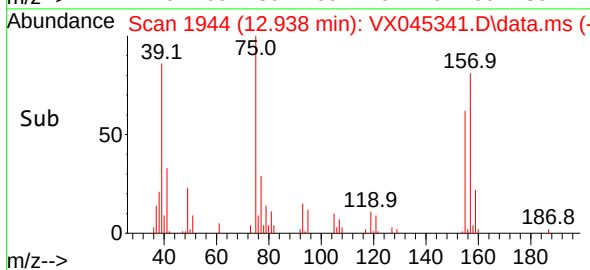
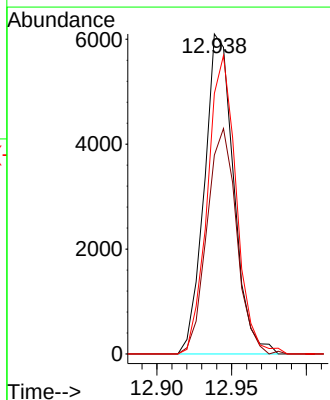
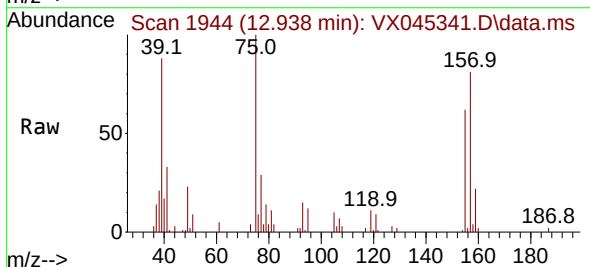
Manual Integrations
APPROVED

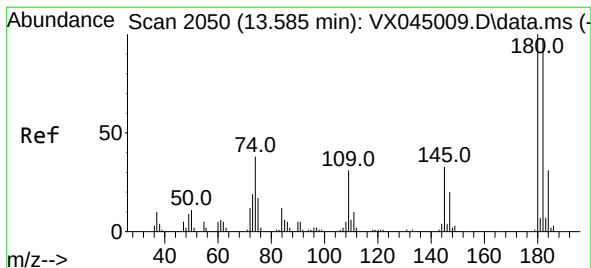
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 21.886 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

Tgt Ion: 75 Resp: 8326
Ion Ratio Lower Upper
75 100
155 70.9 66.2 99.4
157 90.7 81.4 122.2





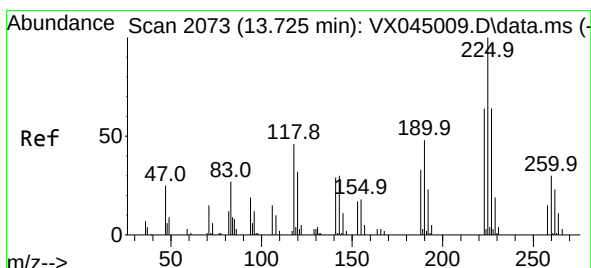
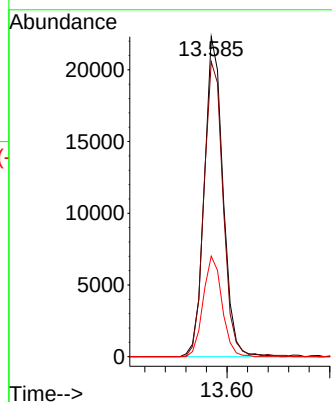
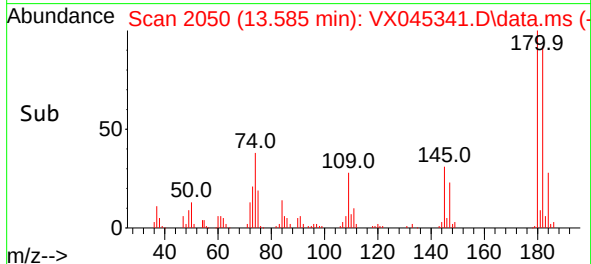
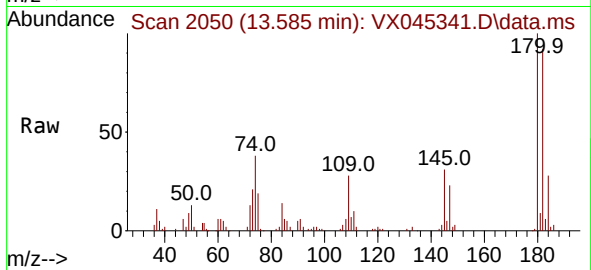
#89
1,2,4-Trichlorobenzene
Concen: 18.473 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01

Tgt Ion:180 Resp: 28110
Ion Ratio Lower Upper
180 100
182 94.4 77.7 116.5
145 31.7 25.8 38.6

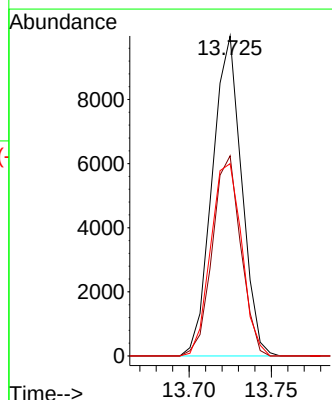
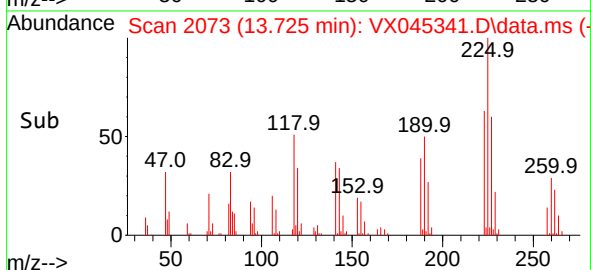
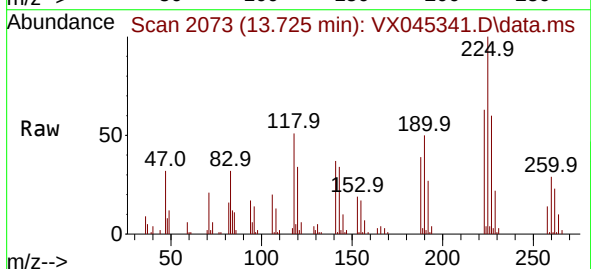
Manual Integrations
APPROVED

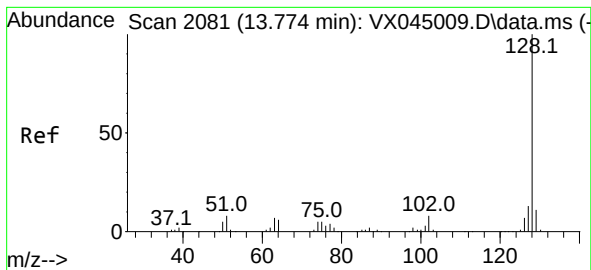
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#90
Hexachlorobutadiene
Concen: 19.946 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

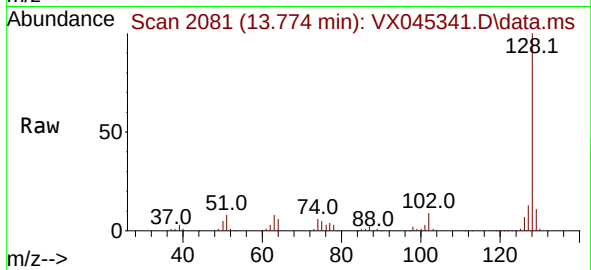
Tgt Ion:225 Resp: 12380
Ion Ratio Lower Upper
225 100
223 60.6 0.0 123.4
227 63.6 0.0 127.4





#91
Naphthalene
Concen: 19.257 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41

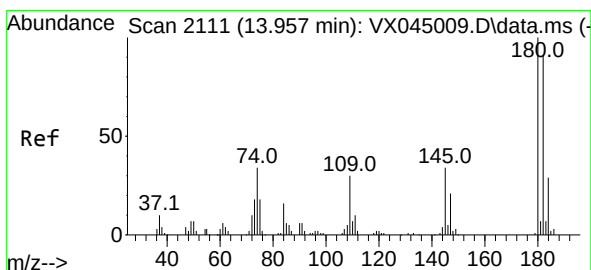
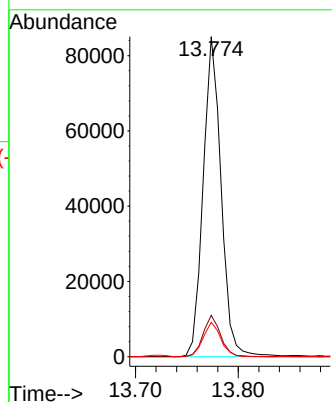
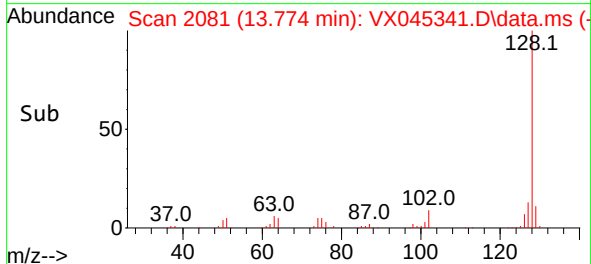
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01



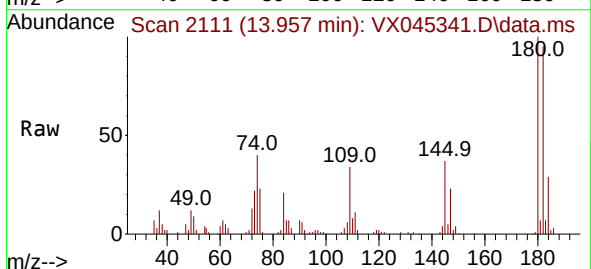
Tgt Ion:128 Resp: 103348
Ion Ratio Lower Upper
128 100
127 12.5 10.5 15.7
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#92
1,2,3-Trichlorobenzene
Concen: 18.620 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045341.D
Acq: 19 Mar 2025 11:41



Tgt Ion:180 Resp: 29175
Ion Ratio Lower Upper
180 100
182 93.7 0.0 186.6
145 34.9 0.0 68.4

