

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022125\
 Data File : VX045008.D
 Acq On : 21 Feb 2025 09:58
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Feb 22 00:46:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:21:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.885	128	19850	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	107647	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	98661	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	57190	29.664	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.867%		
60) 4-Bromofluorobenzene	11.079	95	53212	28.855	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	96.200%		
63) Toluene-d8	8.641	98	163004	29.865	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.533%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	8269	4.942	ug/l	90
3) Chloromethane	1.295	50	9993	4.986	ug/l	99
4) Vinyl Chloride	1.374	62	9648	4.989	ug/l	97
5) Bromomethane	1.593	94	3693	5.486	ug/l	95
6) Chloroethane	1.666	64	6026	5.753	ug/l #	88
7) Trichlorofluoromethane	1.874	101	13174	5.068	ug/l	95
8) Diethyl Ether	2.130	74	4984	5.068	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	7865	5.095	ug/l	99
10) 1,1-Dichloroethene	2.313	96	7277	4.826	ug/l	90
11) Methyl Iodide	2.447	142	6353	3.722	ug/l	92
12) Methyl Acetate	2.697	43	8331	4.758	ug/l	99
13) Acrolein	2.233	56	8331	23.736	ug/l	98
14) Acrylonitrile	3.063	53	19916	23.285	ug/l	98
15) Acetone	2.380	58	6140	26.175	ug/l	89
16) Carbon Disulfide	2.502	76	20739	4.849	ug/l	98
17) Allyl chloride	2.654	41	13453	4.770	ug/l	99
18) Methylene Chloride	2.782	84	8146	4.803	ug/l	96
19) trans-1,2-Dichloroethene	3.081	96	7385	4.841	ug/l	90
20) Diisopropyl ether	3.751	45	25687	4.740	ug/l #	87
21) 1,1-Dichloroethane	3.599	63	14970	4.967	ug/l	99
22) cis-1,2-Dichloroethene	4.477	96	9065	4.959	ug/l	95
23) tert-Butyl Alcohol	2.971	59	7280m	24.352	ug/l	
24) Methyl tert-Butyl Ether	3.105	73	23498	4.775	ug/l	96
25) Chloroform	5.087	83	14134	4.855	ug/l	99
26) Cyclohexane	5.452	56	13400	4.816	ug/l #	98
29) 1,1-Dichloropropene	5.690	75	9965	5.032	ug/l	97
30) 2-Butanone	4.562	43	28712	25.103	ug/l	97
31) 2,2-Dichloropropane	4.459	77	11020	4.922	ug/l #	69
32) 1,1,1-Trichloroethane	5.373	97	12088	5.038	ug/l	99
33) Carbon Tetrachloride	5.666	117	10269	5.071	ug/l	91
34) Benzene	6.031	78	31321	5.044	ug/l	97
35) Methacrylonitrile	4.916	41	5515m	4.506	ug/l	
36) 1,2-Dichloroethane	6.074	62	10725	5.045	ug/l #	82
37) Trichloroethene	7.123	130	7309	5.031	ug/l	95
38) Methylcyclohexane	7.373	83	13407	5.042	ug/l	95
39) 1,2-Dichloropropane	7.428	63	7710	4.994	ug/l	96
40) Dibromomethane	7.574	93	5709	5.153	ug/l	97
41) Bromodichloromethane	7.818	83	10949	4.973	ug/l	97
42) Vinyl Acetate	3.715	43	101864	22.951	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022125\
 Data File : VX045008.D
 Acq On : 21 Feb 2025 09:58
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

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

Quant Time: Feb 22 00:46:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:21:26 2025
 Response via : Initial Calibration

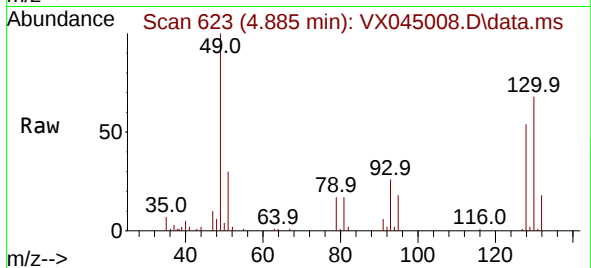
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.709	43	9903	4.617	ug/l #	78
44) Isopropyl Acetate	6.336	43	15951	4.518	ug/l	95
45) 1,4-Dioxane	7.665	88	3476	94.718	ug/l #	94
46) Methyl methacrylate	7.696	41	7550	4.362	ug/l	95
47) n-amyl Acetate	10.842	43	12931	4.221	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	9461	4.458	ug/l	95
49) cis-1,3-Dichloropropene	8.366	75	11016	4.585	ug/l	98
50) 1,1,2-Trichloroethane	9.147	97	7268	5.030	ug/l	96
51) Ethyl methacrylate	9.116	69	9742	4.287	ug/l	97
52) 1,3-Dichloropropane	9.305	76	12611	4.981	ug/l	99
53) Dibromochloromethane	9.519	129	7657	4.791	ug/l	97
54) 1,2-Dibromoethane	9.610	107	7119	4.851	ug/l	95
55) 2-Chloroethyl vinyl ether	8.238	63	26987	23.123	ug/l	97
56) Bromoform	10.799	173	4498	4.491	ug/l	97
58) 4-Methyl-2-Pentanone	8.568	43	52017	23.177	ug/l	99
59) 2-Hexanone	9.427	43	36637	22.584	ug/l	99
61) Tetrachloroethene	9.269	164	6401	5.269	ug/l	99
62) Toluene	8.714	91	33141	5.071	ug/l	95
64) Chlorobenzene	10.073	112	20106	4.965	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	6593	4.934	ug/l	98
66) Ethyl Benzene	10.189	91	34439	4.813	ug/l	97
67) m/p-Xylenes	10.299	106	25804	9.679	ug/l	98
68) o-Xylene	10.640	106	12618	4.824	ug/l	97
69) Styrene	10.653	104	20710	4.741	ug/l	97
70) Isopropylbenzene	10.957	105	32576	4.826	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	10940	4.929	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	8856m	4.851	ug/l	
73) Bromobenzene	11.195	156	7592	4.886	ug/l	99
74) n-propylbenzene	11.299	91	37507	4.669	ug/l	99
75) 2-Chlorotoluene	11.360	91	24091	4.961	ug/l	97
76) 1,3,5-Trimethylbenzene	11.445	105	26935	4.837	ug/l	97
77) t-1,4-Dichloro-2-butene	11.018	75	2182	3.552	ug/l	82
78) 4-Chlorotoluene	11.451	91	25983	4.800	ug/l	99
79) tert-butylbenzene	11.713	119	26773	4.772	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	26568	4.763	ug/l	97
81) sec-Butylbenzene	11.884	105	33807	4.801	ug/l	99
82) p-Isopropyltoluene	12.006	119	26547	4.653	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	14060	4.863	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	13556	4.755	ug/l	95
85) n-Butylbenzene	12.329	91	22634	4.344	ug/l	99
86) Hexachloroethane	12.536	117	4340	4.313	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	14188	5.001	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.939	75	2067	4.810	ug/l	86
89) 1,2,4-Trichlorobenzene	13.585	180	7586	4.412	ug/l	98
90) Hexachlorobutadiene	13.725	225	3570	5.091	ug/l	96
91) Naphthalene	13.774	128	26410	4.356	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	8240	4.655	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.885 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

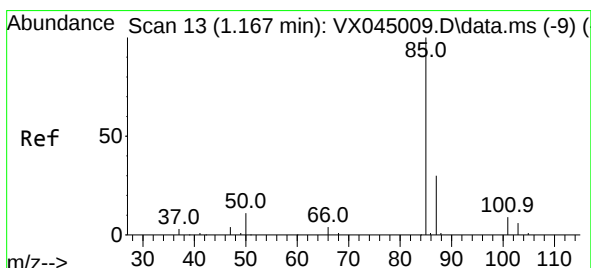
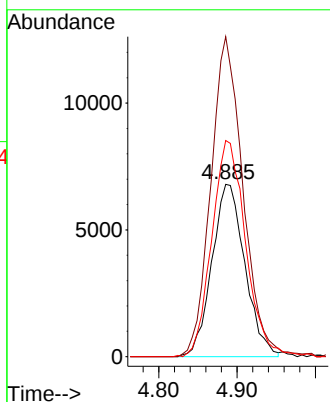
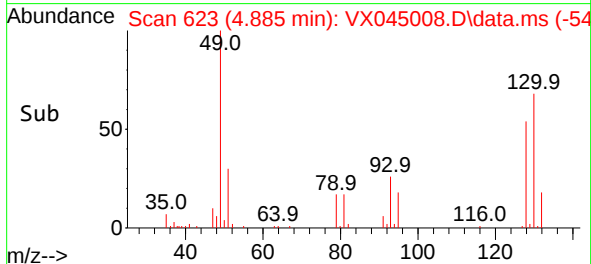
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:128 Resp: 19850
Ion Ratio Lower Upper
128 100
49 181.3 0.0 449.7
130 128.7 0.0 312.7

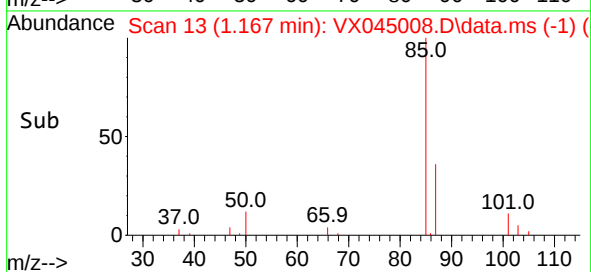
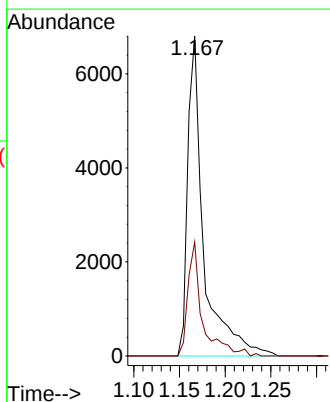
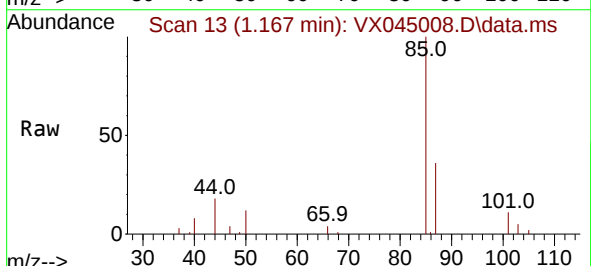
Manual Integrations
APPROVED

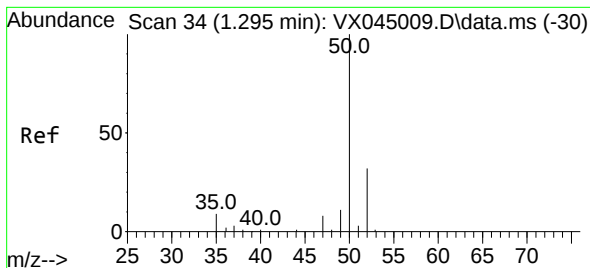
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#2
Dichlorodifluoromethane
Concen: 4.942 ug/l
RT: 1.167 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

Tgt Ion: 85 Resp: 8269
Ion Ratio Lower Upper
85 100
87 35.6 15.1 45.3





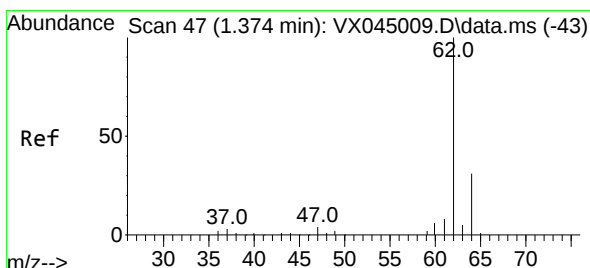
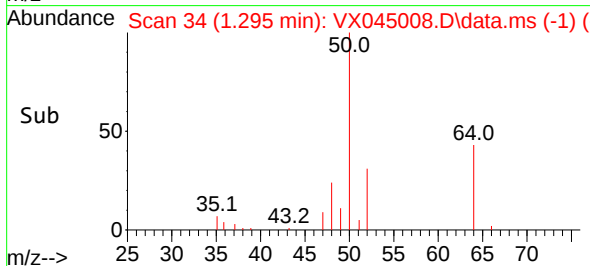
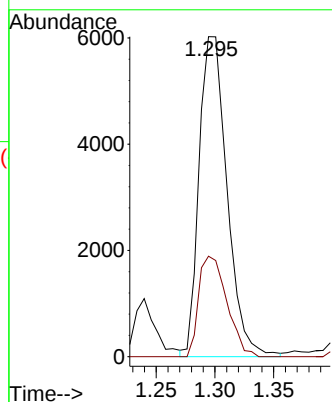
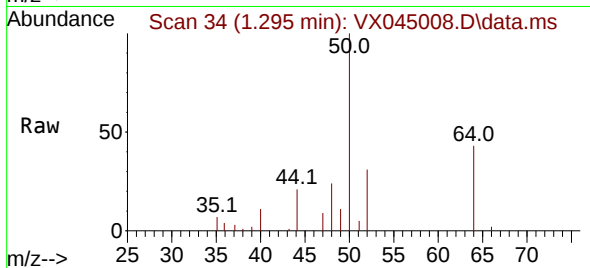
#3
Chloromethane
Concen: 4.986 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 999
Ion Ratio Lower Upper
50 100
52 31.7 25.7 38.5

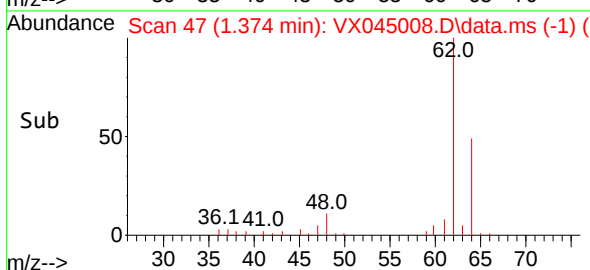
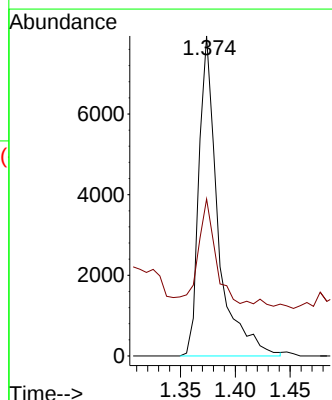
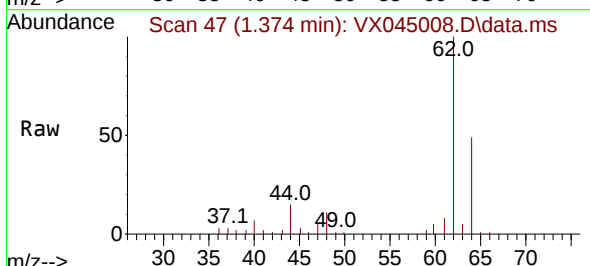
Manual Integrations
APPROVED

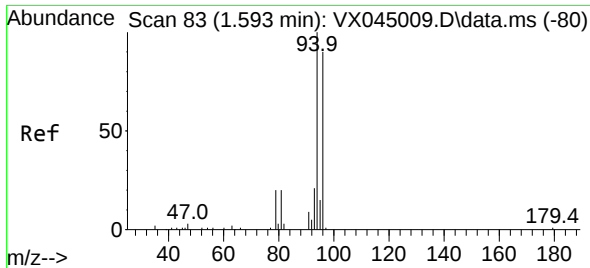
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#4
Vinyl Chloride
Concen: 4.989 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

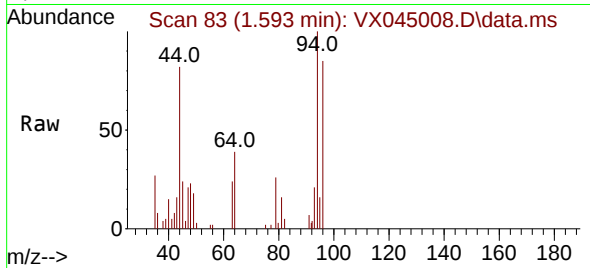
Tgt Ion: 62 Resp: 9648
Ion Ratio Lower Upper
62 100
64 32.8 25.1 37.7





#5
Bromomethane
Concen: 5.486 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

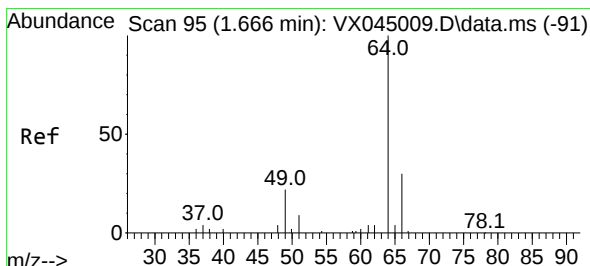
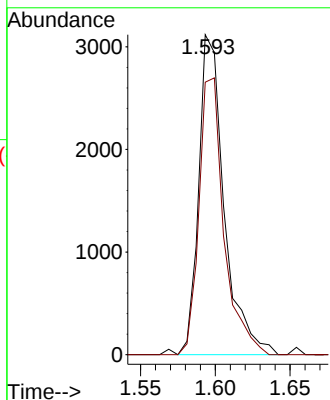
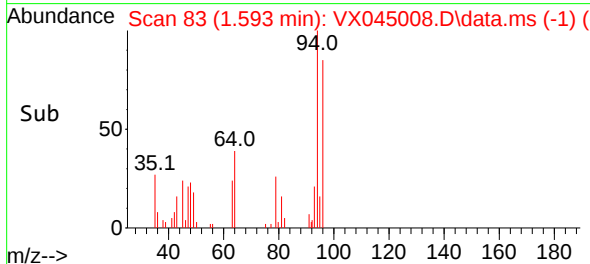
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 369
Ion Ratio Lower Upper
94 100
96 85.2 72.2 108.4

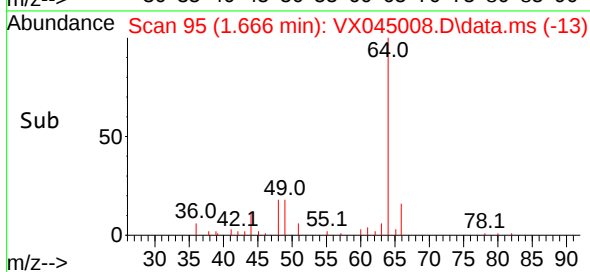
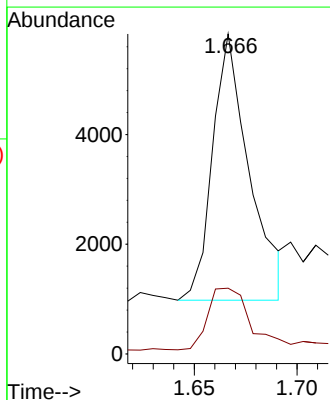
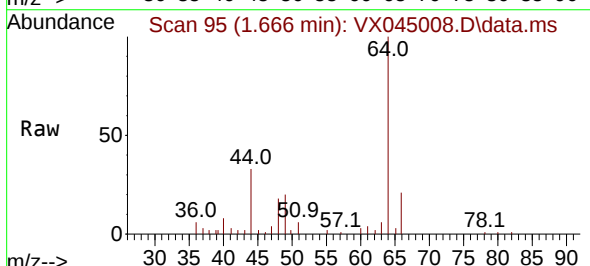
Manual Integrations
APPROVED

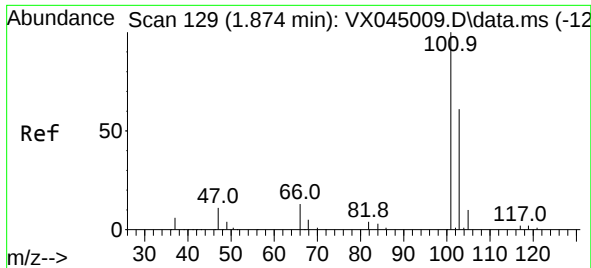
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#6
Chloroethane
Concen: 5.753 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

Tgt Ion: 64 Resp: 6026
Ion Ratio Lower Upper
64 100
66 23.1 23.7 35.5#





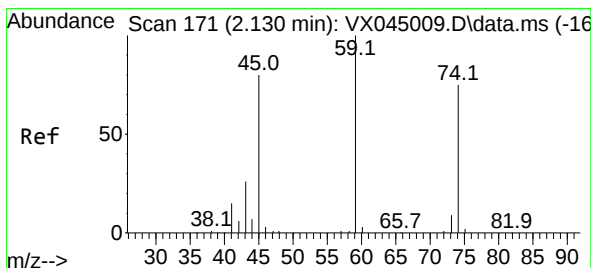
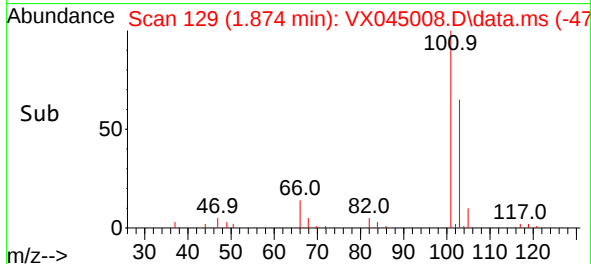
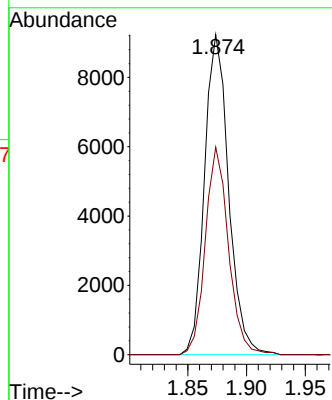
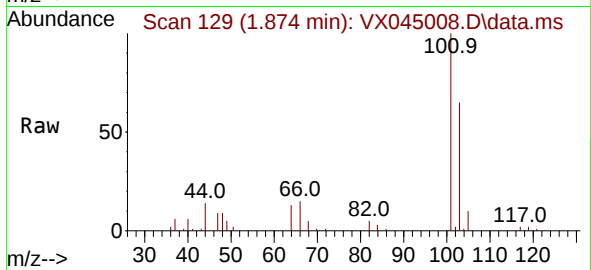
#7
Trichlorofluoromethane
Concen: 5.068 ug/l
RT: 1.874 min Scan# 129
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 13174
Ion Ratio Lower Upper
101 100
103 64.8 48.8 73.2

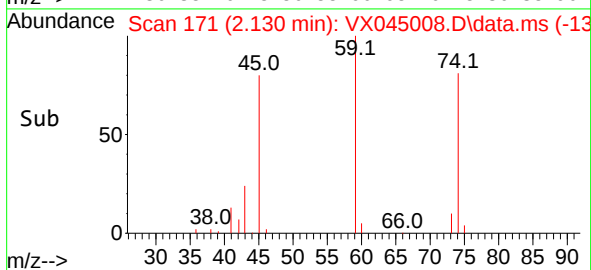
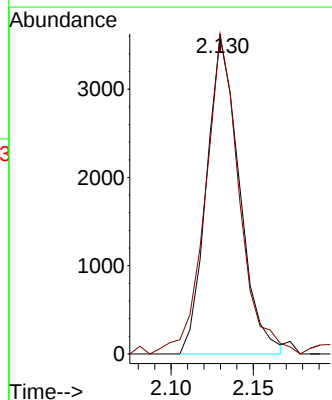
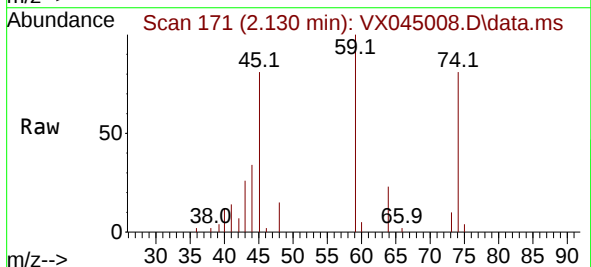
Manual Integrations
APPROVED

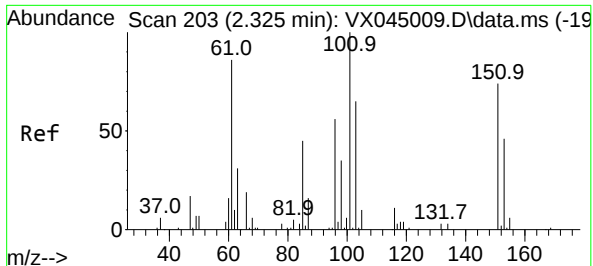
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#8
Diethyl Ether
Concen: 5.068 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

Tgt Ion: 74 Resp: 4984
Ion Ratio Lower Upper
74 100
45 103.9 20.8 186.8





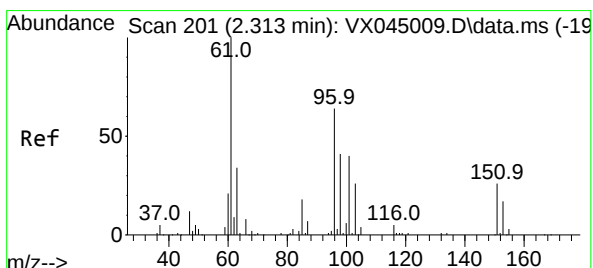
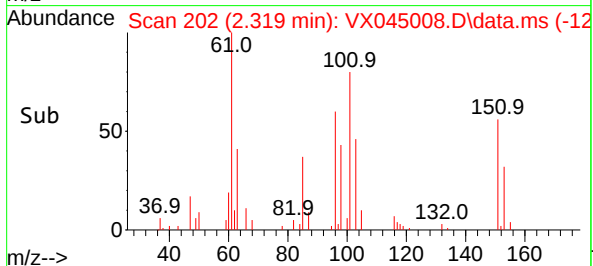
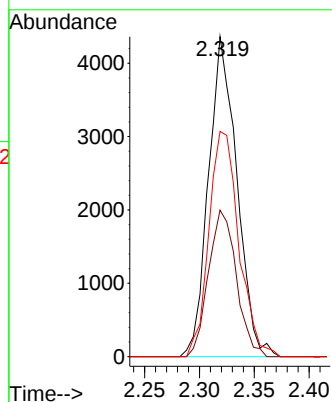
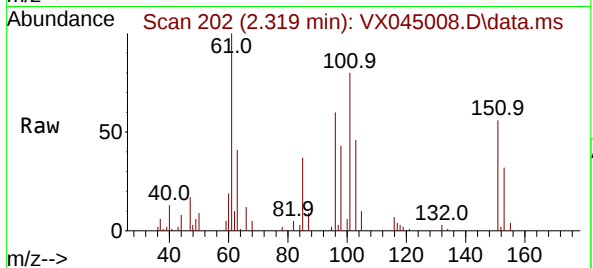
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.095 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 786
Ion Ratio Lower Upper
101 100
85 45.0 0.0 90.6
151 74.3 0.0 147.6

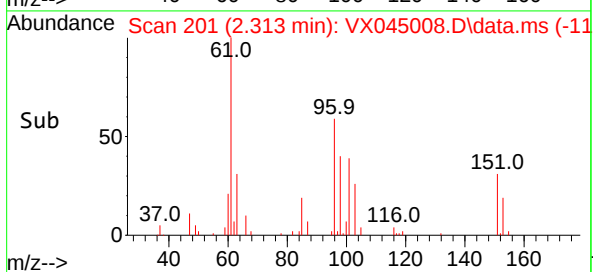
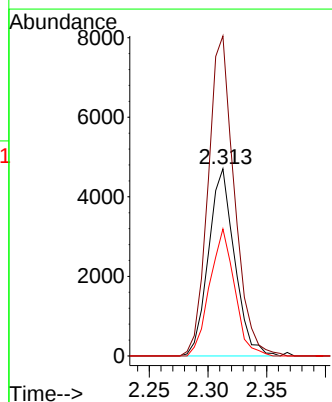
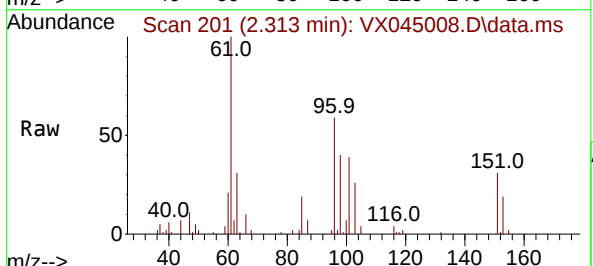
Manual Integrations
APPROVED

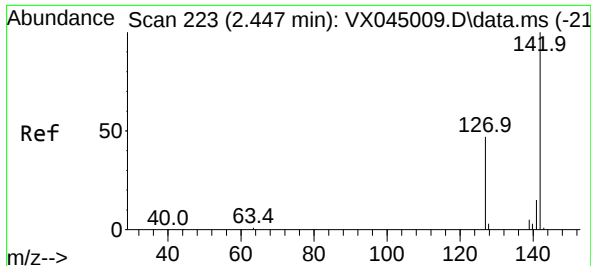
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#10
1,1-Dichloroethene
Concen: 4.826 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

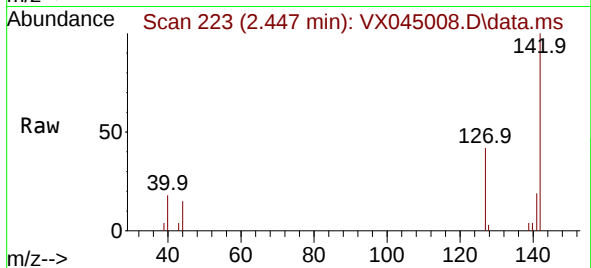
Tgt Ion: 96 Resp: 7277
Ion Ratio Lower Upper
96 100
61 170.9 124.2 186.2
98 67.8 51.1 76.7





#11
Methyl Iodide
Concen: 3.722 ug/l
RT: 2.447 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

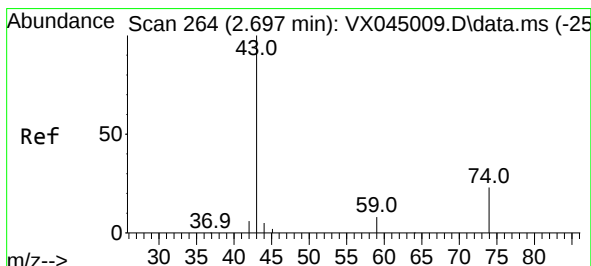
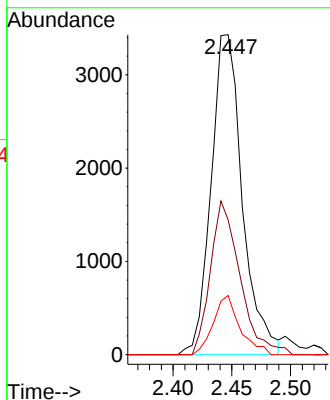
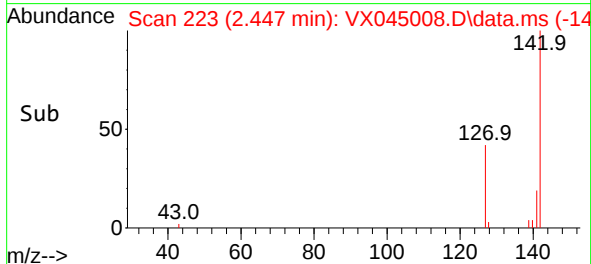
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



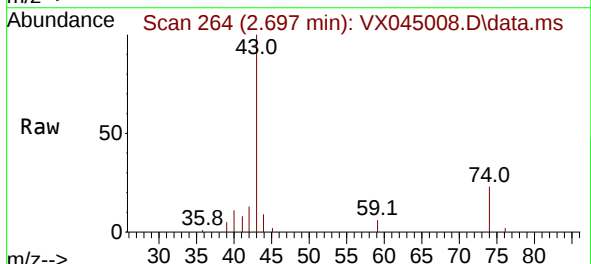
Tgt Ion:142 Resp: 635
Ion Ratio Lower Upper
142 100
127 42.0 23.3 69.9
141 18.9 7.5 22.6

Manual Integrations
APPROVED

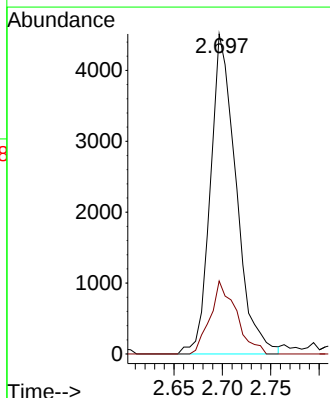
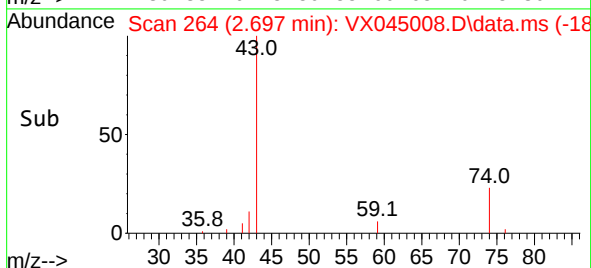
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

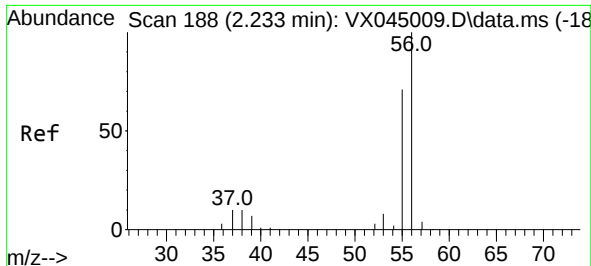


#12
Methyl Acetate
Concen: 4.758 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58



Tgt Ion: 43 Resp: 8331
Ion Ratio Lower Upper
43 100
74 23.1 17.9 26.9





#13

Acrolein

Concen: 23.736 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045008.D

Acq: 21 Feb 2025 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 833

Ion Ratio Lower Upper

56 100

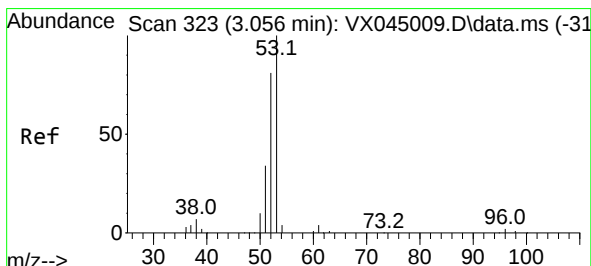
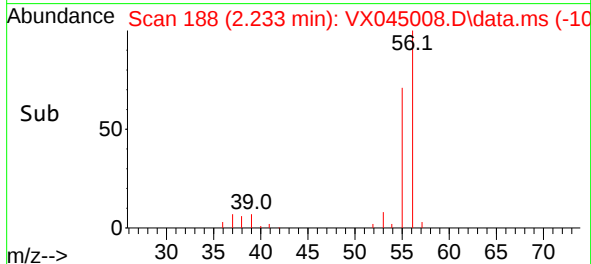
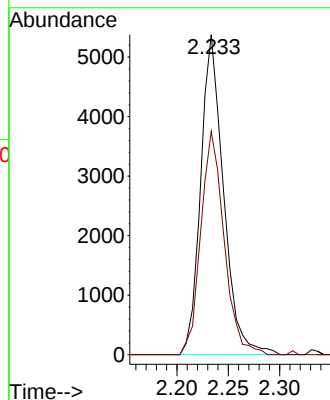
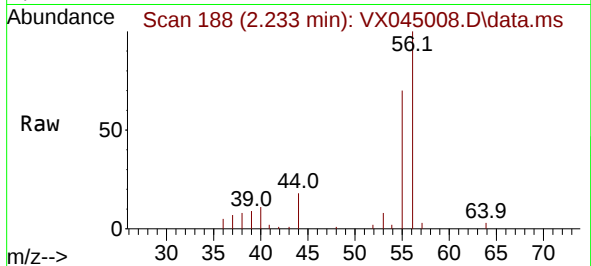
55 71.2 55.4 83.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#14

Acrylonitrile

Concen: 23.285 ug/l

RT: 3.063 min Scan# 324

Delta R.T. 0.006 min

Lab File: VX045008.D

Acq: 21 Feb 2025 09:58

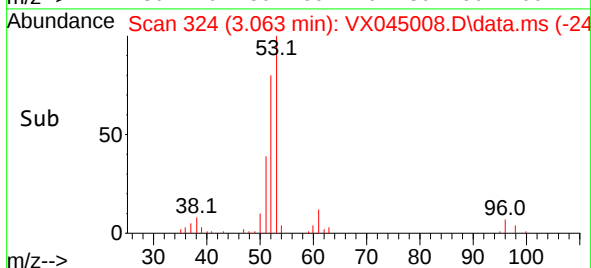
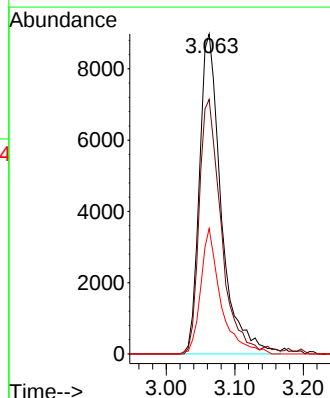
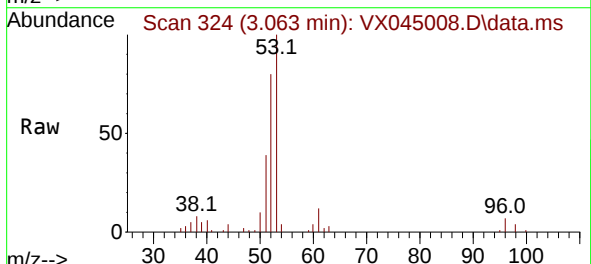
Tgt Ion: 53 Resp: 19916

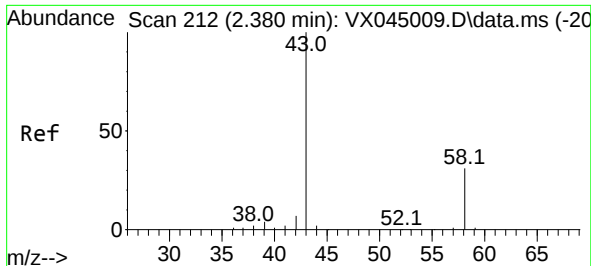
Ion Ratio Lower Upper

53 100

52 79.7 40.9 122.8

51 36.2 18.0 54.0





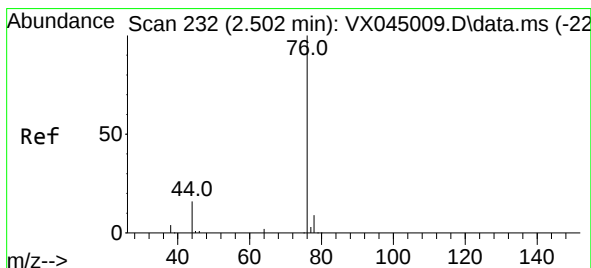
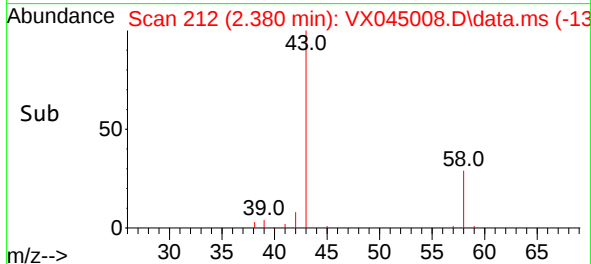
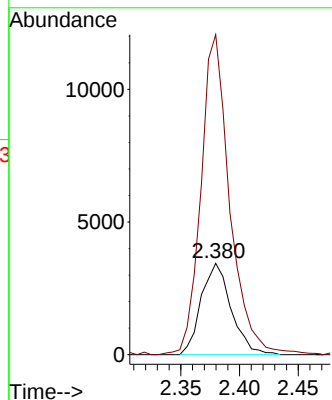
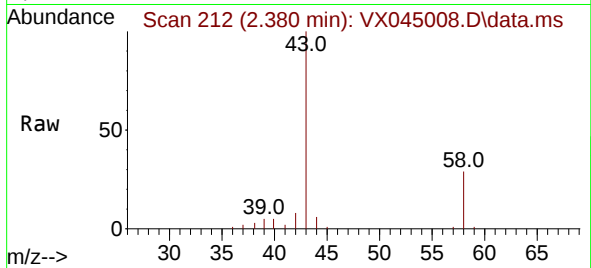
#15
Acetone
Concen: 26.175 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 58 Resp: 6140
Ion Ratio Lower Upper
58 100
43 345.3 258.6 388.0

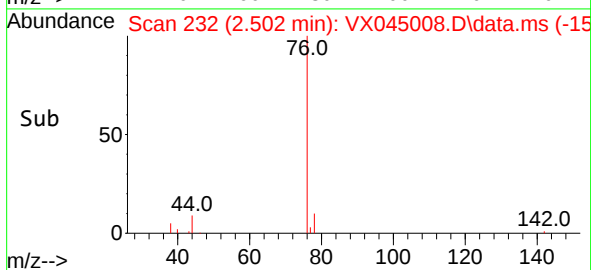
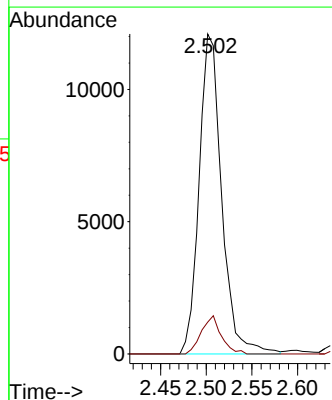
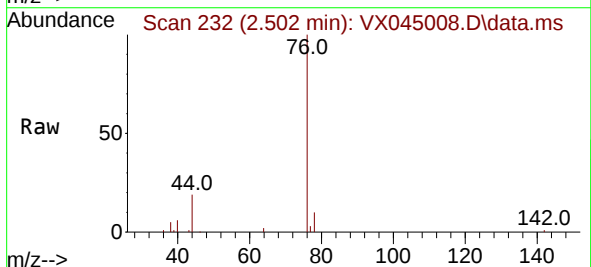
Manual Integrations
APPROVED

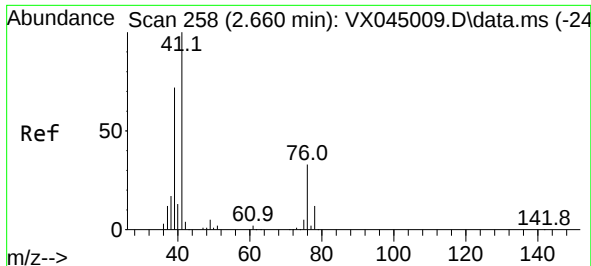
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#16
Carbon Disulfide
Concen: 4.849 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

Tgt Ion: 76 Resp: 20739
Ion Ratio Lower Upper
76 100
78 9.9 7.3 10.9





#17

Allyl chloride

Concen: 4.770 ug/l

RT: 2.654 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX045008.D

Acq: 21 Feb 2025 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

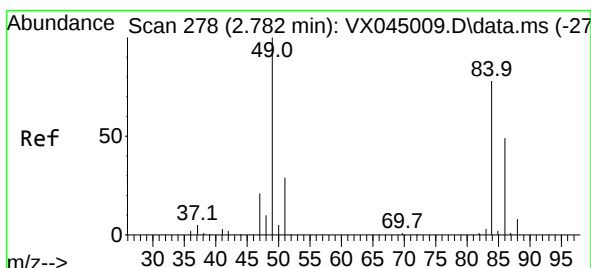
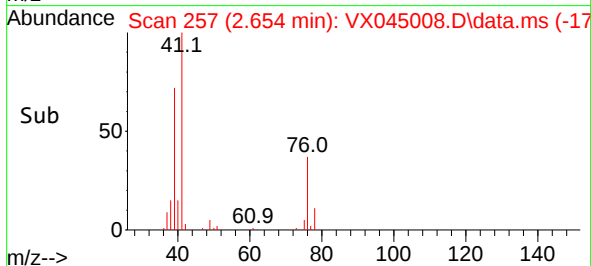
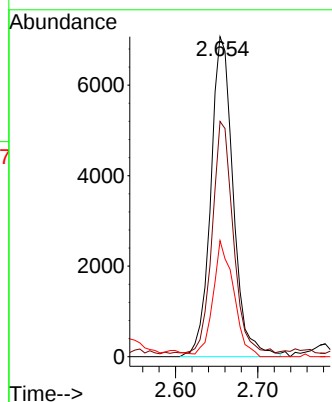
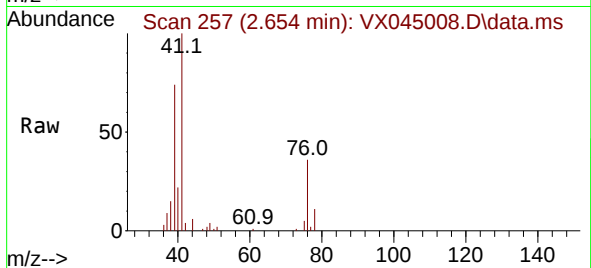
Tgt Ion: 41	Resp: 1345
Ion Ratio	Lower Upper
41	100
39	72.3 36.2 108.6
76	36.3 17.2 51.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#18

Methylene Chloride

Concen: 4.803 ug/l

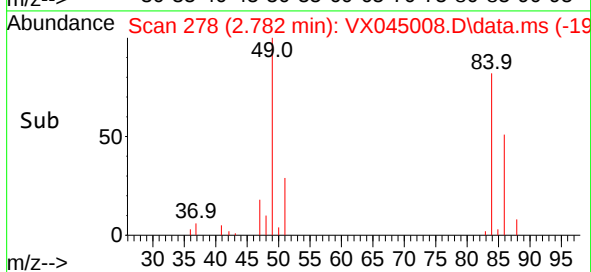
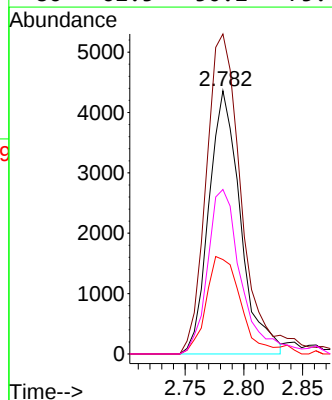
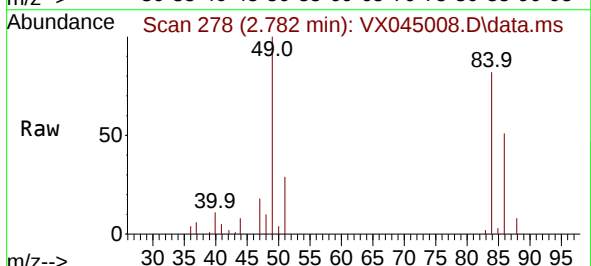
RT: 2.782 min Scan# 278

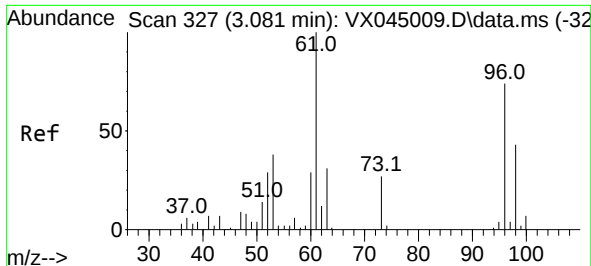
Delta R.T. -0.000 min

Lab File: VX045008.D

Acq: 21 Feb 2025 09:58

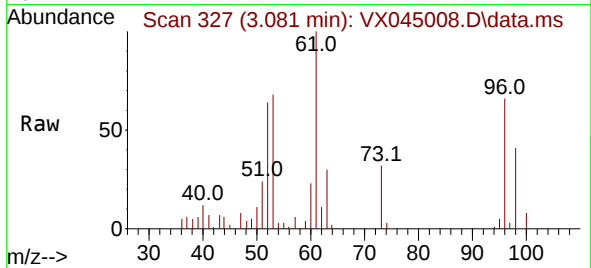
Tgt Ion: 84	Resp: 8146
Ion Ratio	Lower Upper
84	100
49	121.6 102.8 154.2
51	35.8 30.1 45.1
86	62.5 50.2 75.4





#19
trans-1,2-Dichloroethene
Concen: 4.841 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

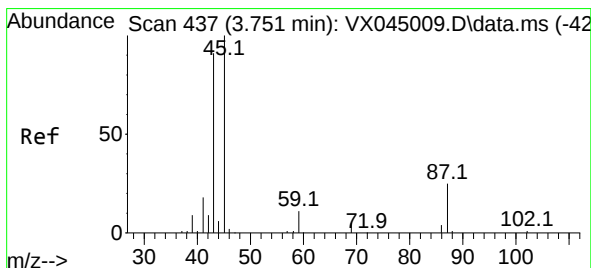
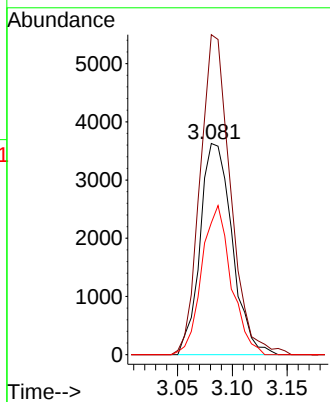
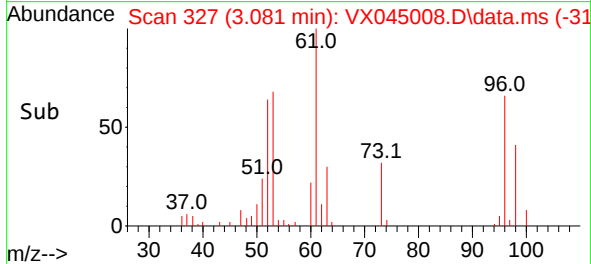
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 738
Ion Ratio Lower Upper
96 100
61 149.5 108.6 163.0
98 62.5 46.5 69.7

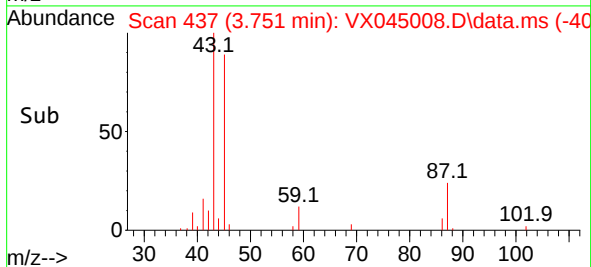
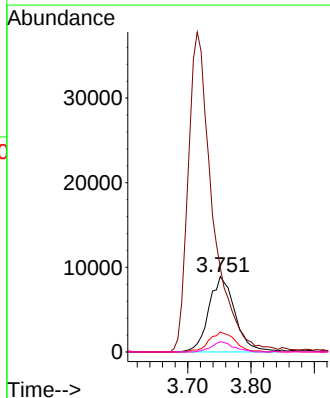
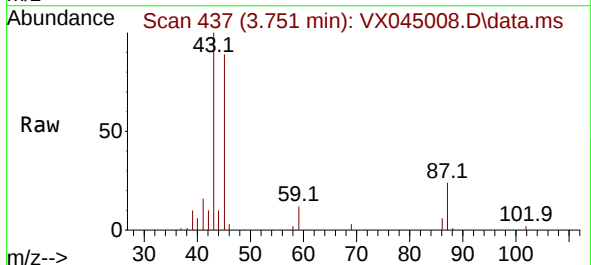
Manual Integrations
APPROVED

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



#20
Diisopropyl ether
Concen: 4.740 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

Tgt Ion: 45 Resp: 25687
Ion Ratio Lower Upper
45 100
43 108.7 74.4 111.6
87 26.5 19.8 29.8
59 13.6 9.0 13.4





#21

1,1-Dichloroethane

Concen: 4.967 ug/l

RT: 3.599 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX045008.D

Acq: 21 Feb 2025 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

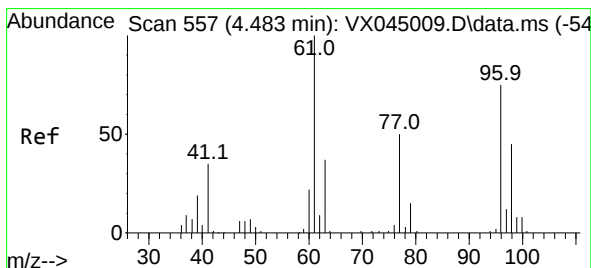
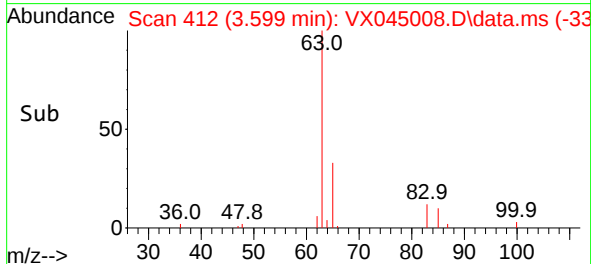
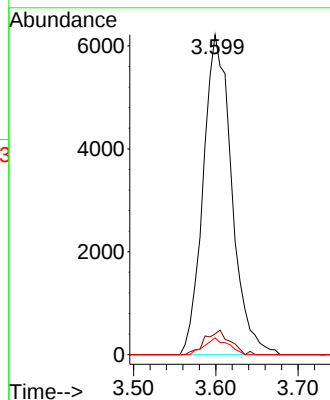
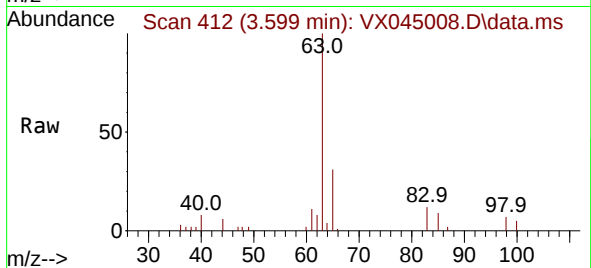
Tgt Ion: 63	Resp: 14970
Ion Ratio	Lower Upper
63 100	
98 6.5	3.3 9.8
100 5.3	2.4 7.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#22

cis-1,2-Dichloroethene

Concen: 4.959 ug/l

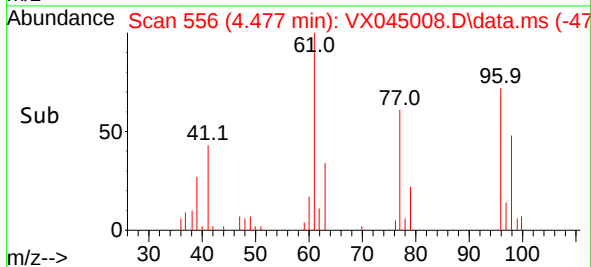
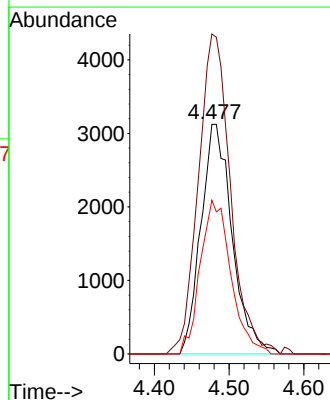
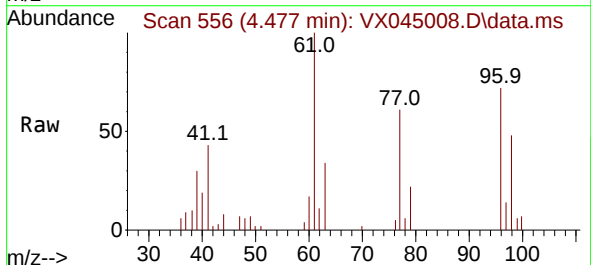
RT: 4.477 min Scan# 556

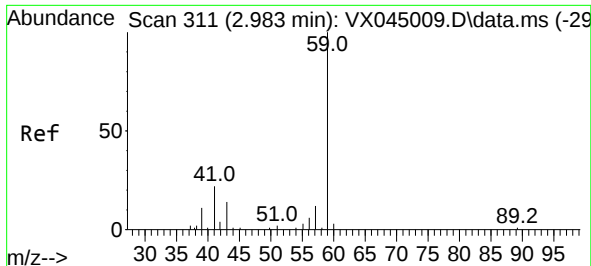
Delta R.T. -0.006 min

Lab File: VX045008.D

Acq: 21 Feb 2025 09:58

Tgt Ion: 96	Resp: 9065
Ion Ratio	Lower Upper
96 100	
61 141.8	118.9 178.3
98 65.6	50.7 76.1





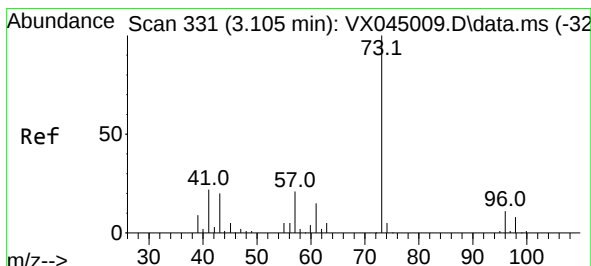
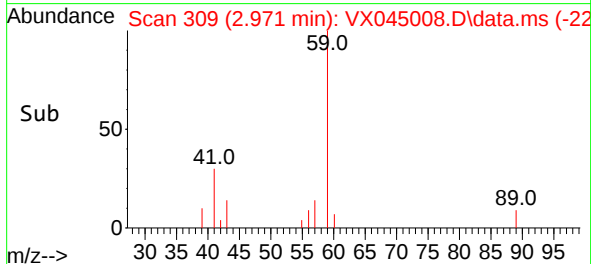
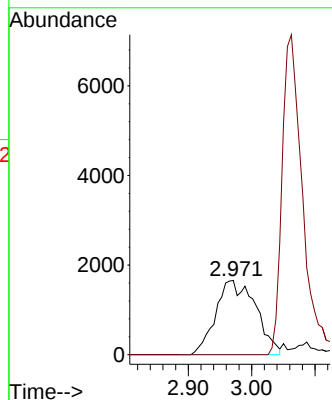
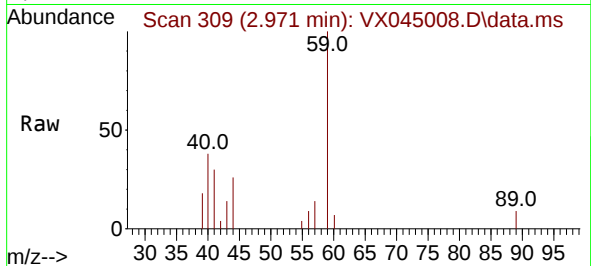
#23
tert-Butyl Alcohol
Concen: 24.352 ug/l m
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 7280
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

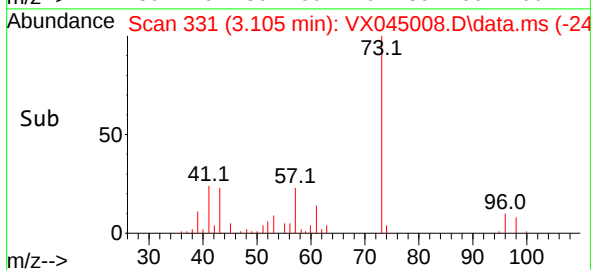
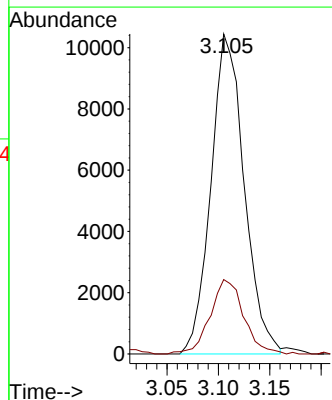
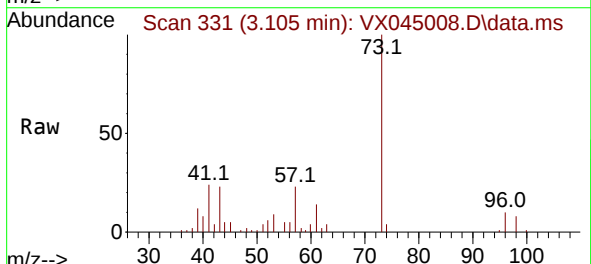
Manual Integrations
APPROVED

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



#24
Methyl tert-Butyl Ether
Concen: 4.775 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

Tgt Ion: 73 Resp: 23498
Ion Ratio Lower Upper
73 100
43 23.4 17.4 26.0





#25

Chloroform

Concen: 4.855 ug/l

RT: 5.087 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX045008.D

Acq: 21 Feb 2025 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 83 Resp: 14134

Ion Ratio Lower Upper

83 100

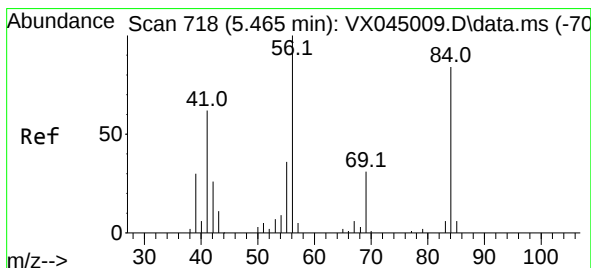
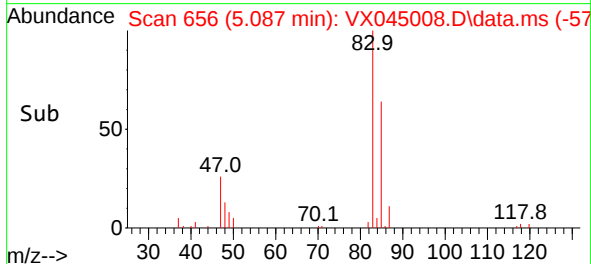
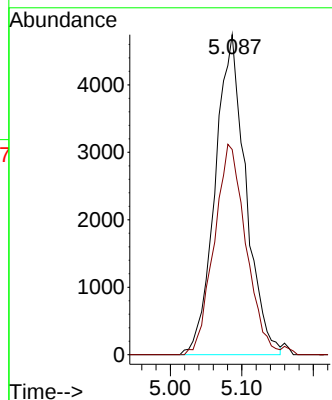
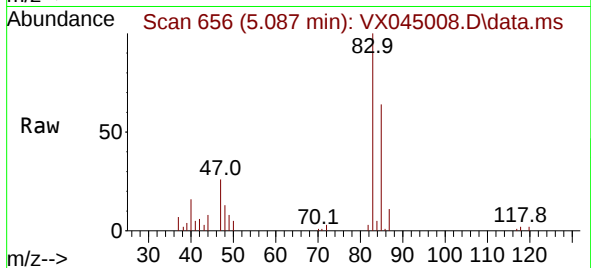
85 64.1 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#26

Cyclohexane

Concen: 4.816 ug/l

RT: 5.452 min Scan# 716

Delta R.T. -0.012 min

Lab File: VX045008.D

Acq: 21 Feb 2025 09:58

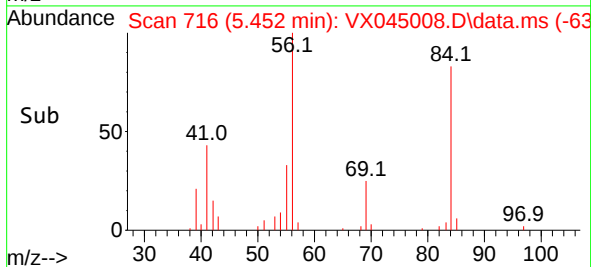
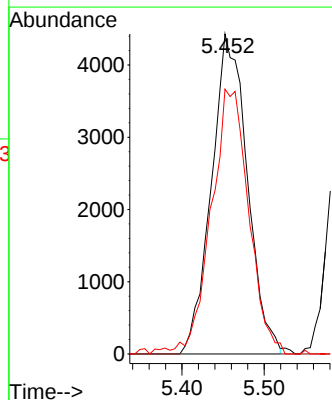
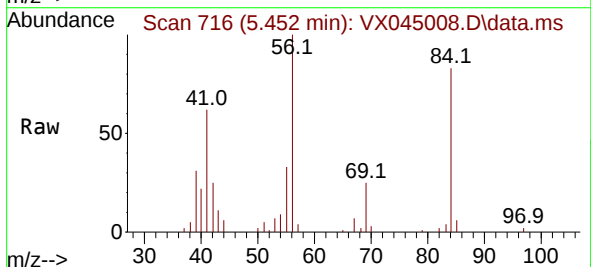
Tgt Ion: 56 Resp: 13400

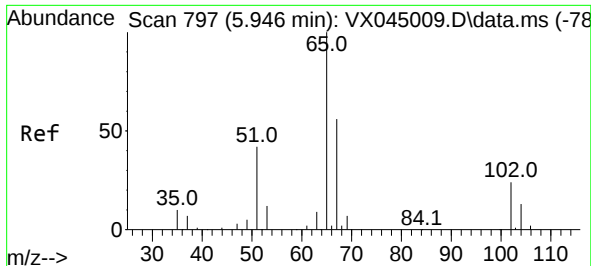
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 86.2 67.1 100.7





#27

1,2-Dichloroethane-d4

Concen: 29.664 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.000 min

Lab File: VX045008.D

Acq: 21 Feb 2025 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 57190

Ion Ratio Lower Upper

65 100

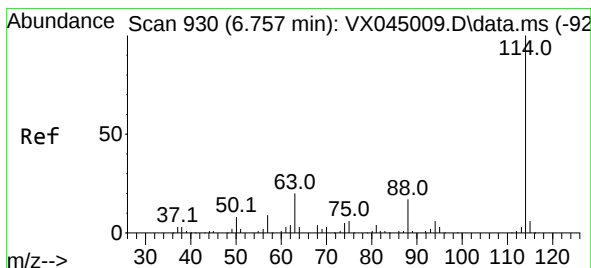
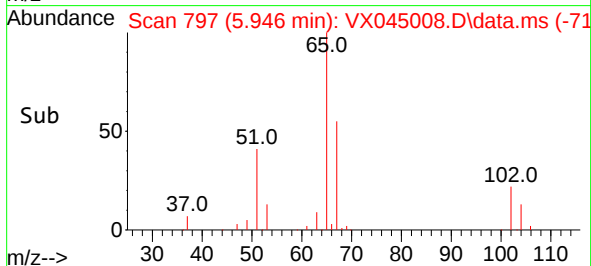
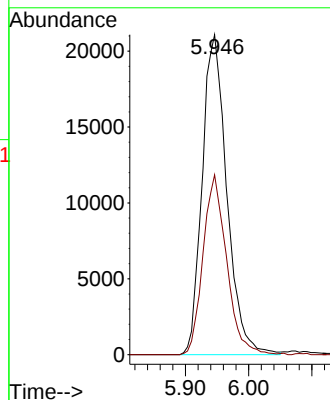
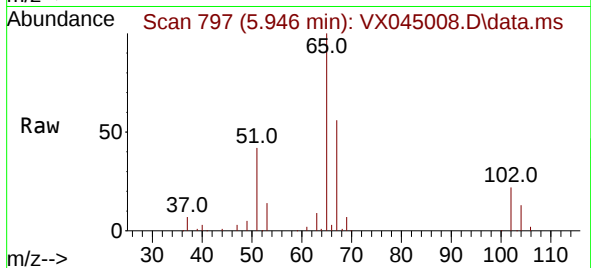
67 53.7 42.6 64.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX045008.D

Acq: 21 Feb 2025 09:58

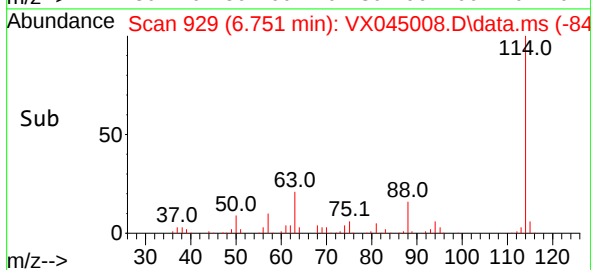
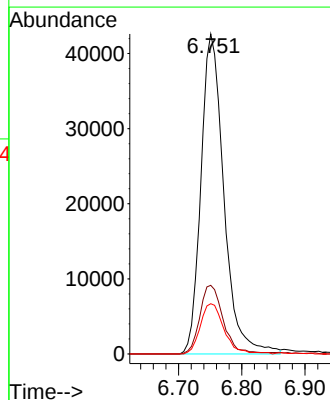
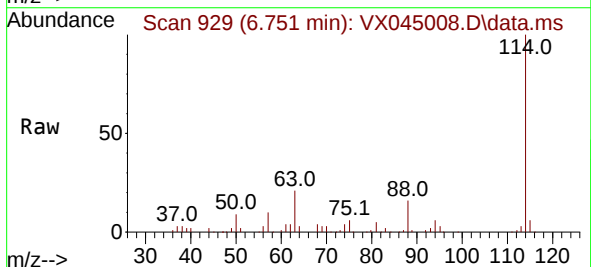
Tgt Ion:114 Resp: 107647

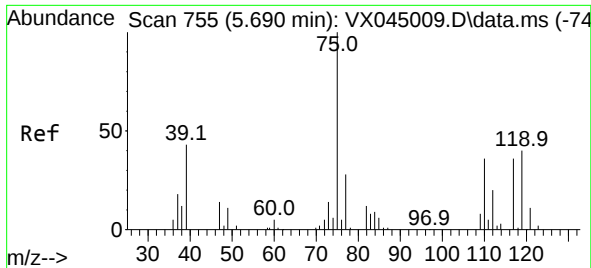
Ion Ratio Lower Upper

114 100

63 21.2 16.8 25.2

88 16.0 12.7 19.1





#29

1,1-Dichloropropene

Concen: 5.032 ug/l

RT: 5.690 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX045008.D

Acq: 21 Feb 2025 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 996

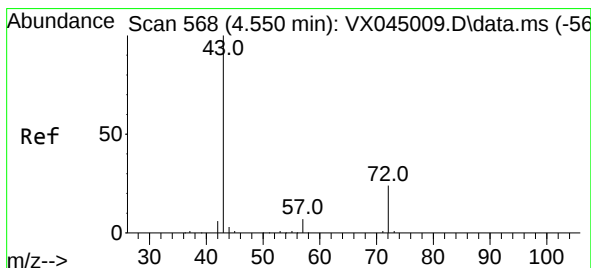
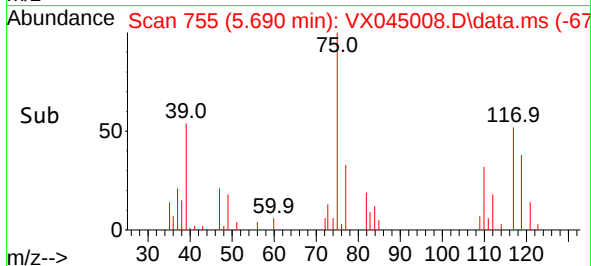
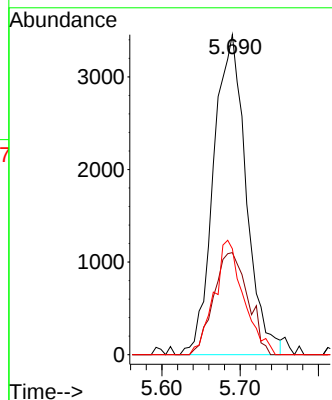
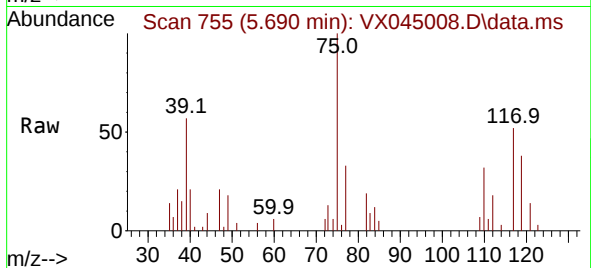
Ion	Ratio	Lower	Upper
75	100		
110	33.6	0.0	69.2
77	32.5	0.0	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#30

2-Butanone

Concen: 25.103 ug/l

RT: 4.562 min Scan# 570

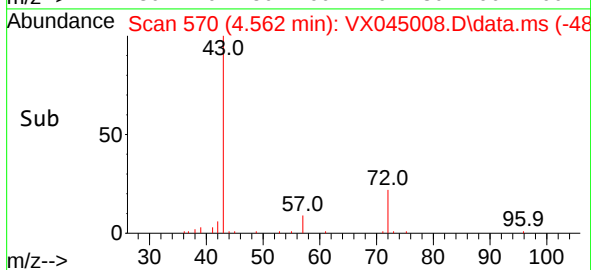
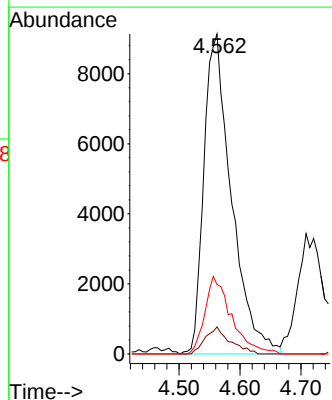
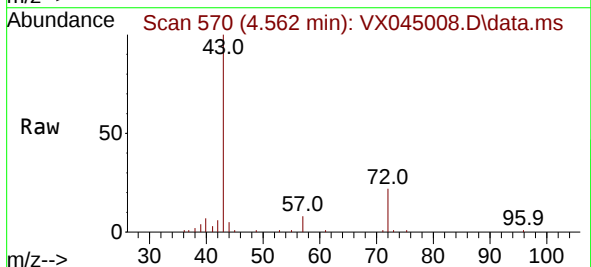
Delta R.T. 0.012 min

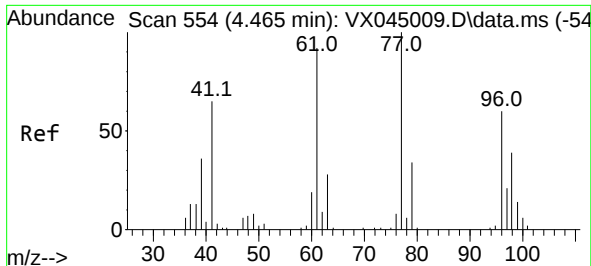
Lab File: VX045008.D

Acq: 21 Feb 2025 09:58

Tgt Ion: 43 Resp: 28712

Ion	Ratio	Lower	Upper
43	100		
57	7.5	6.2	9.2
72	23.4	20.2	30.2





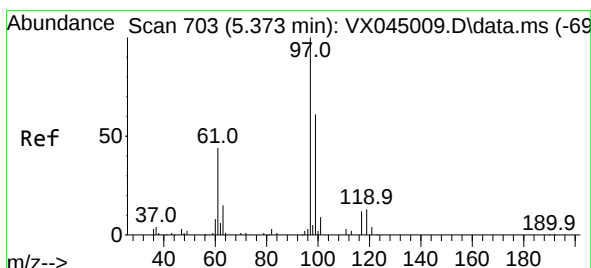
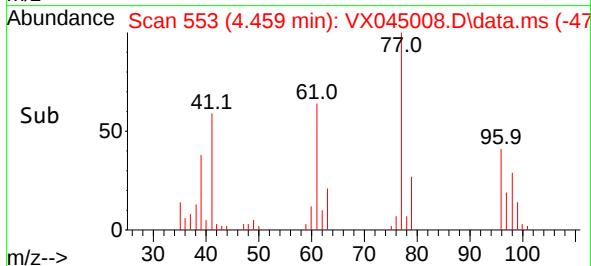
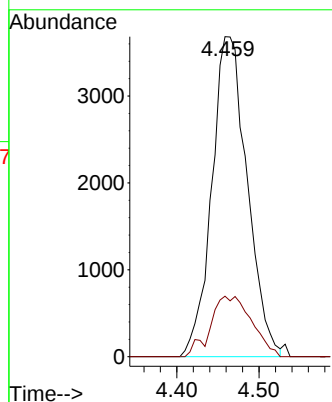
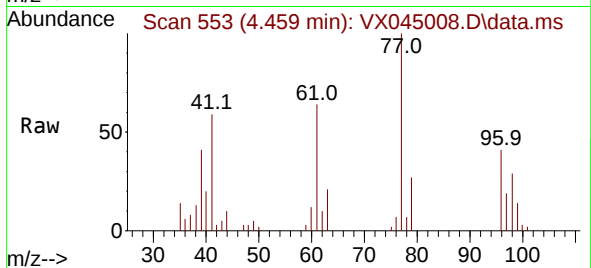
#31
2,2-Dichloropropane
Concen: 4.922 ug/l
RT: 4.459 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 77 Resp: 11020
Ion Ratio Lower Upper
77 100
97 7.5 18.0 27.0

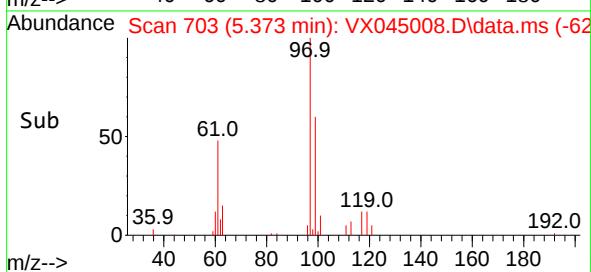
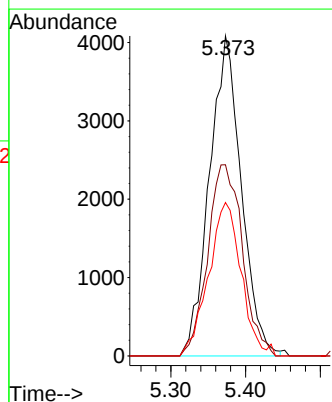
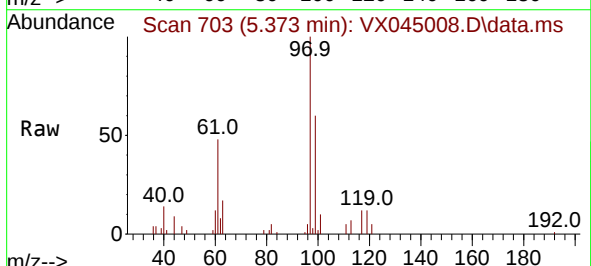
Manual Integrations
APPROVED

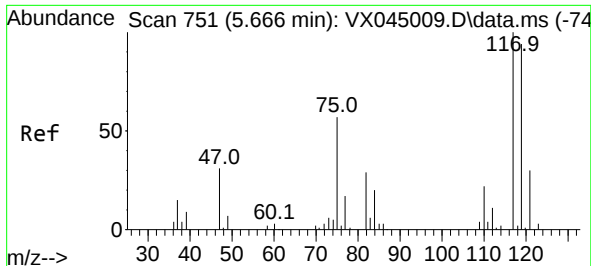
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#32
1,1,1-Trichloroethane
Concen: 5.038 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

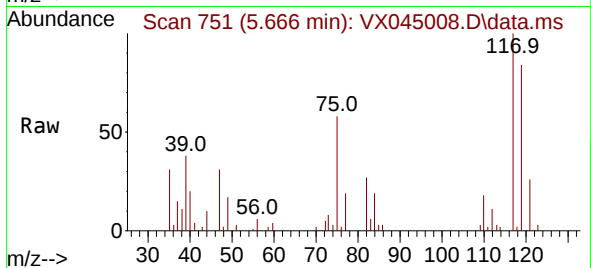
Tgt Ion: 97 Resp: 12088
Ion Ratio Lower Upper
97 100
99 64.9 52.2 78.2
61 48.7 38.5 57.7





#33
Carbon Tetrachloride
Concen: 5.071 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

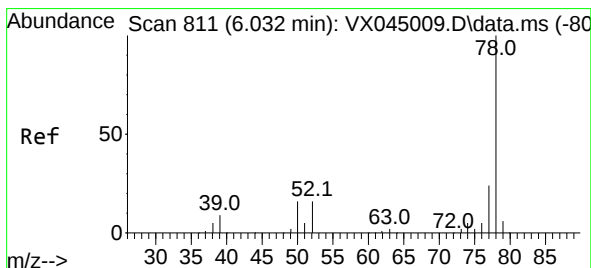
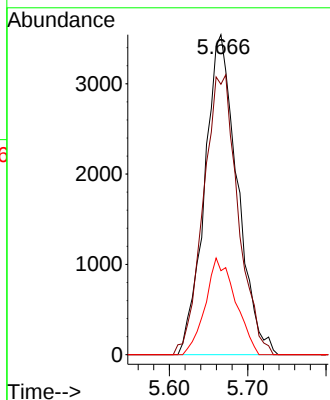
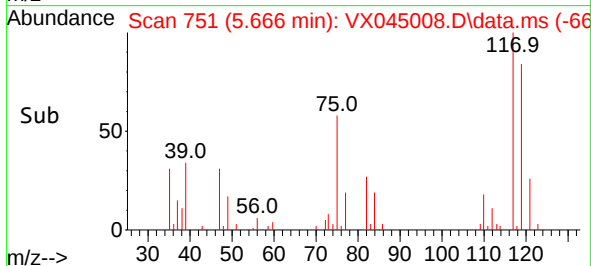
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



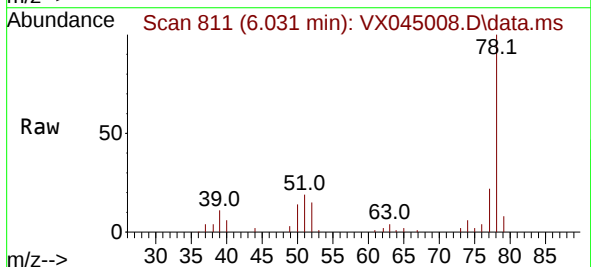
Tgt Ion:117 Resp: 10269
Ion Ratio Lower Upper
117 100
119 84.5 75.1 112.7
121 26.2 23.9 35.9

Manual Integrations
APPROVED

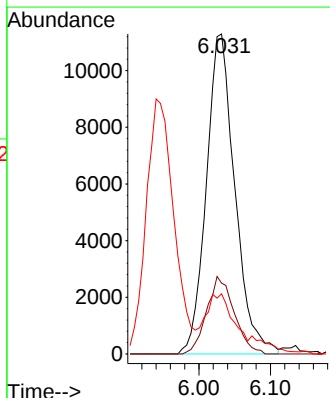
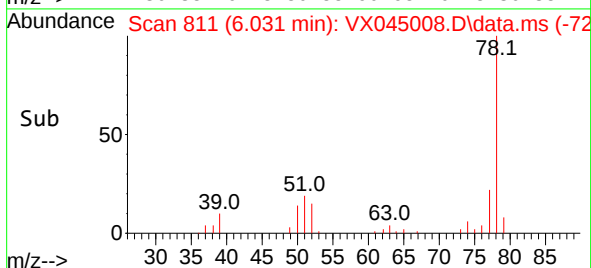
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#34
Benzene
Concen: 5.044 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58



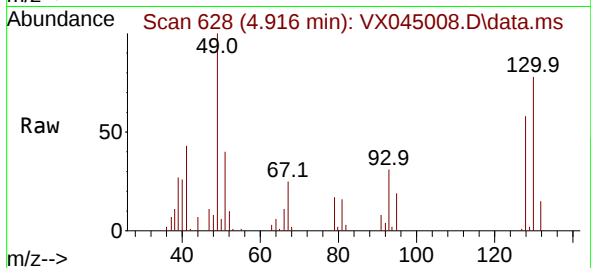
Tgt Ion: 78 Resp: 31321
Ion Ratio Lower Upper
78 100
77 22.2 19.6 29.4
51 17.3 13.8 20.6





#35
Methacrylonitrile
Concen: 4.506 ug/l m
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

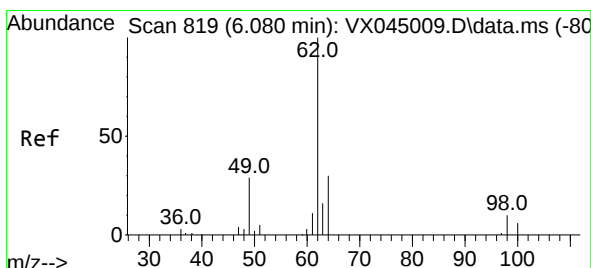
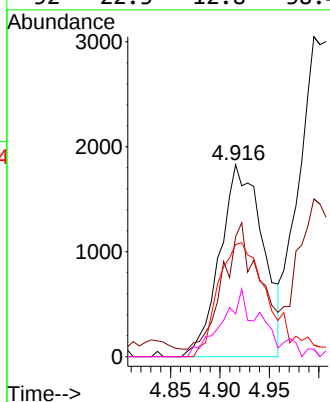
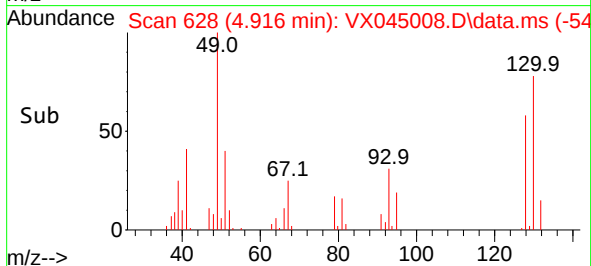
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 41 Resp: 551
Ion Ratio Lower Upper
41 100
39 62.5 27.8 83.4
67 58.4 31.5 94.5
52 22.3 12.8 38.4

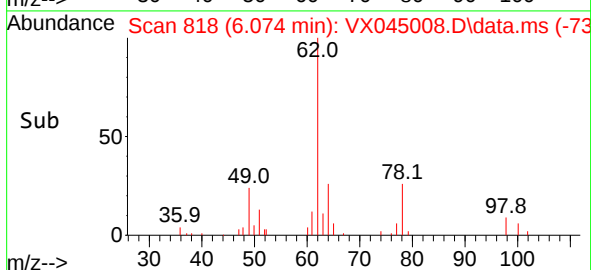
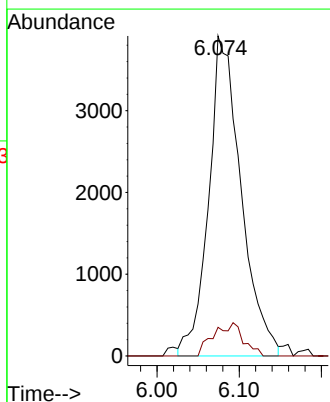
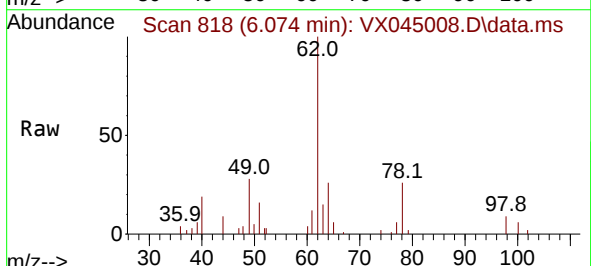
Manual Integrations
APPROVED

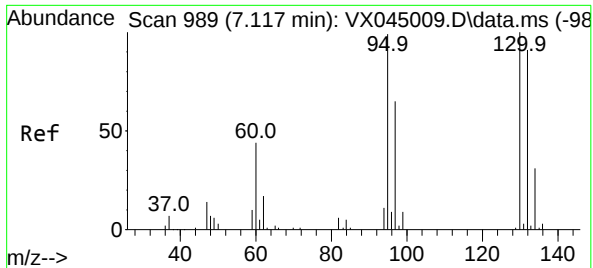
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#36
1,2-Dichloroethane
Concen: 5.045 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

Tgt Ion: 62 Resp: 10725
Ion Ratio Lower Upper
62 100
98 3.3 7.9 11.9#





#37
Trichloroethene
Concen: 5.031 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

Instrument :

MSVOA_X

ClientSampleId :

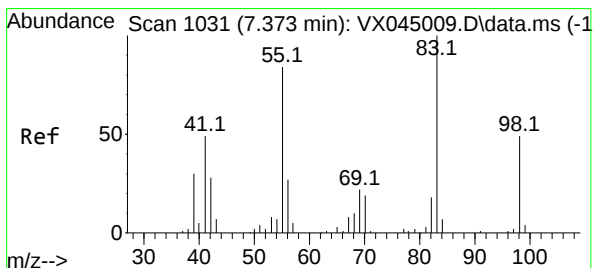
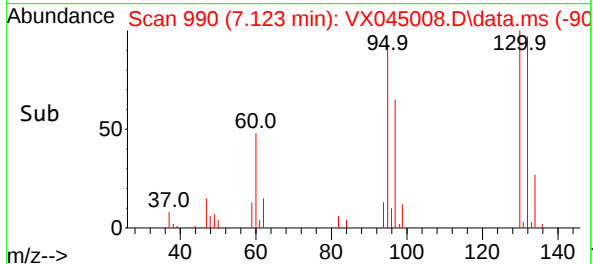
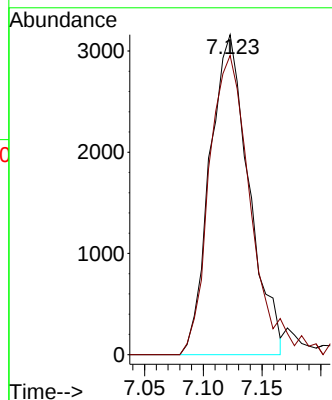
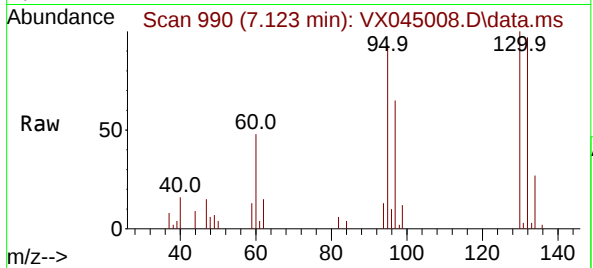
VSTDIC005

Tgt Ion:130 Resp: 7309
Ion Ratio Lower Upper
130 100
95 93.5 79.0 118.4

Manual Integrations

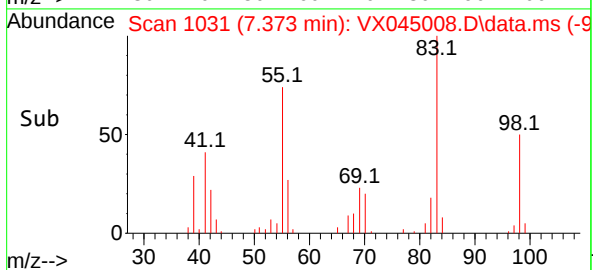
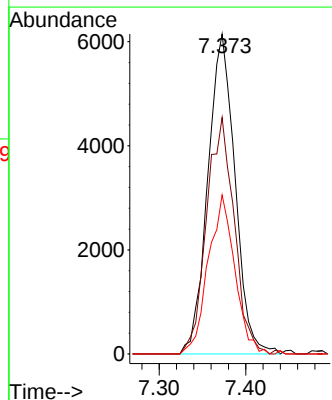
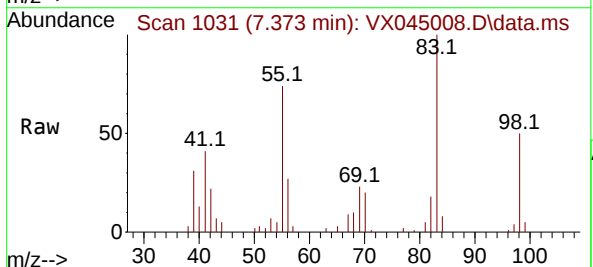
APPROVED

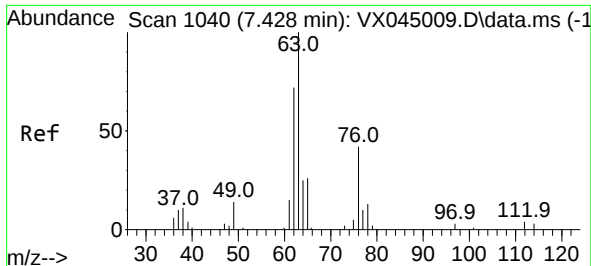
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#38
Methylcyclohexane
Concen: 5.042 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

Tgt Ion: 83 Resp: 13407
Ion Ratio Lower Upper
83 100
55 75.2 40.6 122.0
98 48.5 24.9 74.6





#39

1,2-Dichloropropane

Concen: 4.994 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX045008.D

Acq: 21 Feb 2025 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 7710

Ion Ratio Lower Upper

63 100

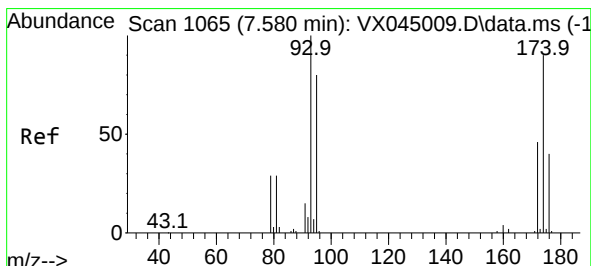
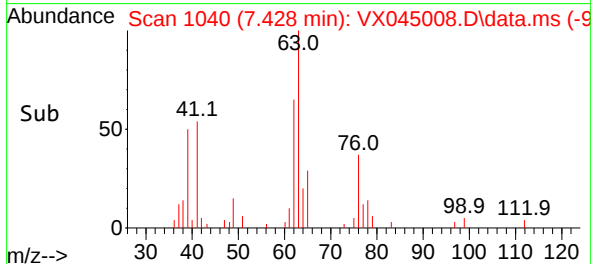
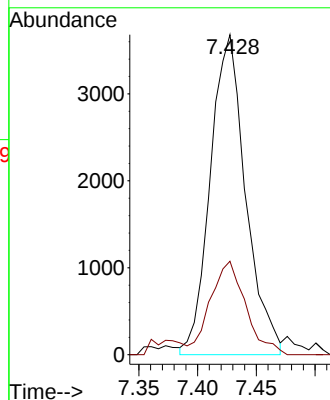
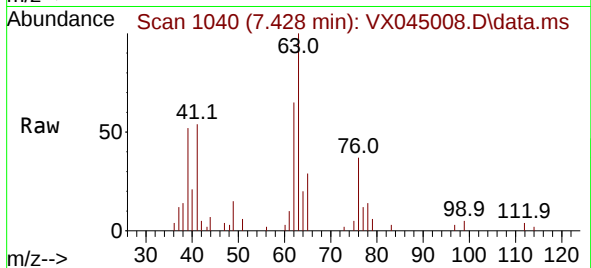
65 28.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#40

Dibromomethane

Concen: 5.153 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX045008.D

Acq: 21 Feb 2025 09:58

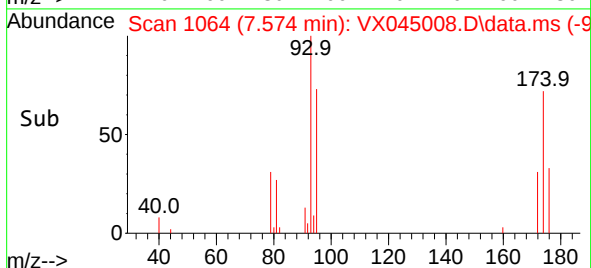
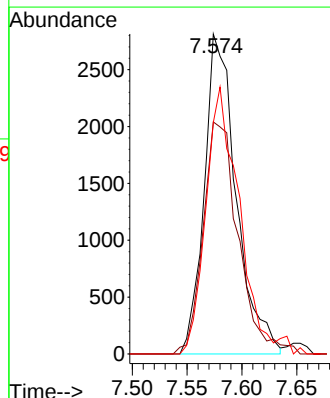
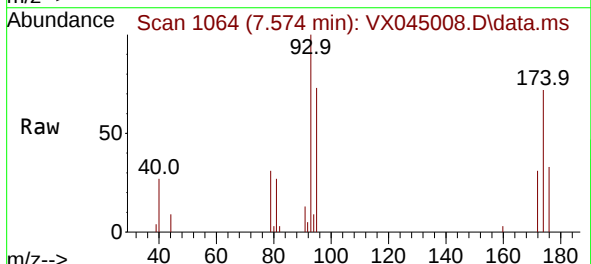
Tgt Ion: 93 Resp: 5709

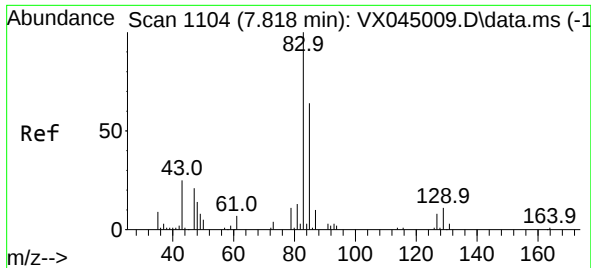
Ion Ratio Lower Upper

93 100

95 79.4 0.0 162.6

174 85.6 0.0 178.8





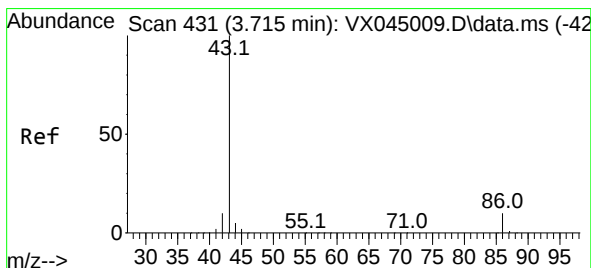
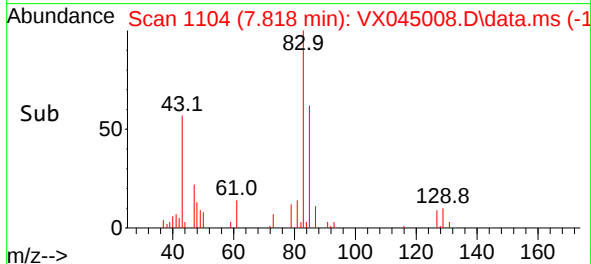
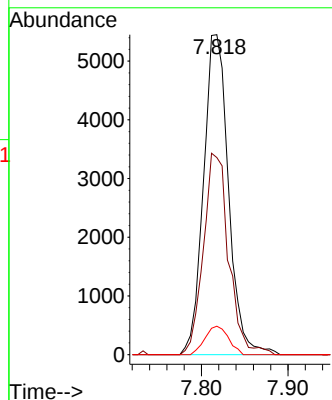
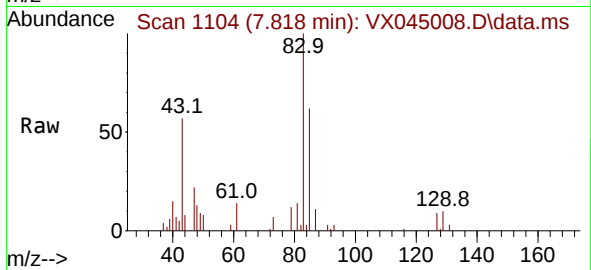
#41
Bromodichloromethane
Concen: 4.973 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 10949
Ion Ratio Lower Upper
83 100
85 61.6 51.0 76.6
127 8.9 6.1 9.1

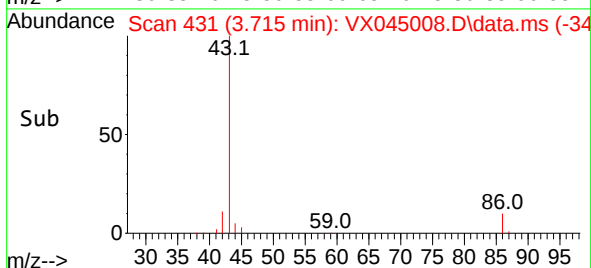
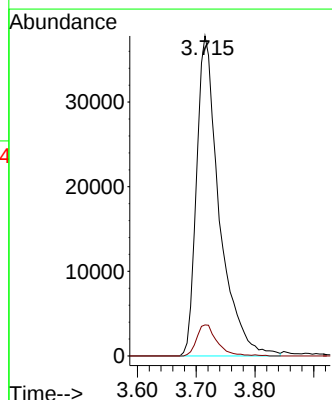
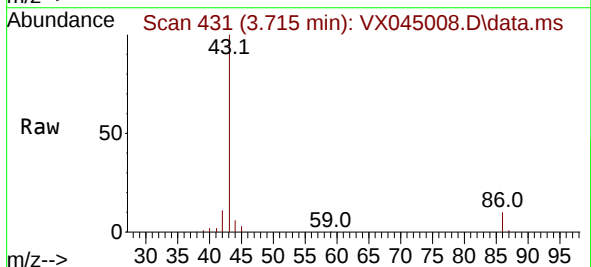
Manual Integrations
APPROVED

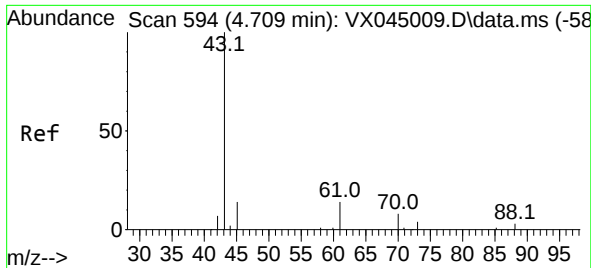
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#42
Vinyl Acetate
Concen: 22.951 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

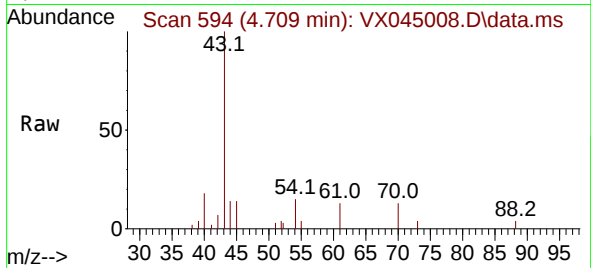
Tgt Ion: 43 Resp: 101864
Ion Ratio Lower Upper
43 100
86 8.6 7.0 10.4





#43
Ethyl Acetate
Concen: 4.617 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

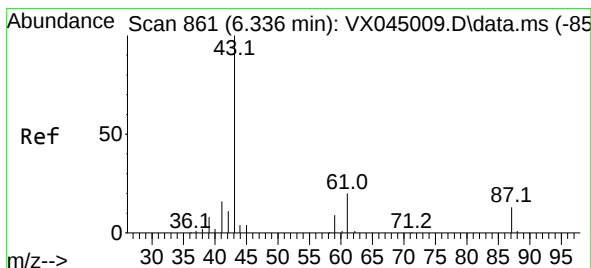
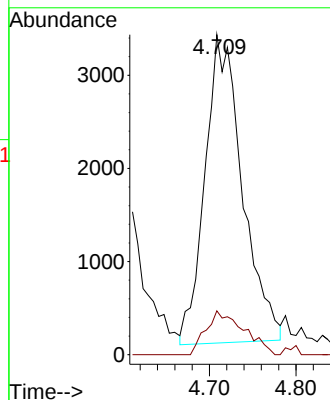
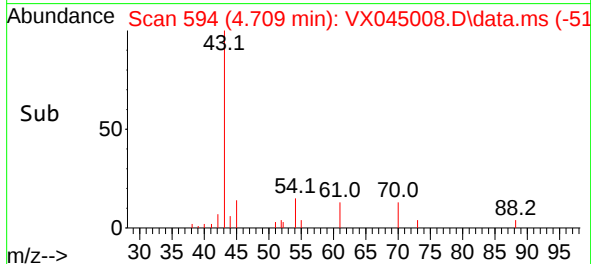
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



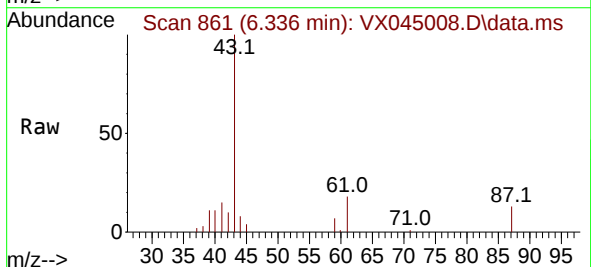
Tgt Ion: 43 Resp: 990
Ion Ratio Lower Upper
43 100
45 6.6 12.7 19.1

Manual Integrations
APPROVED

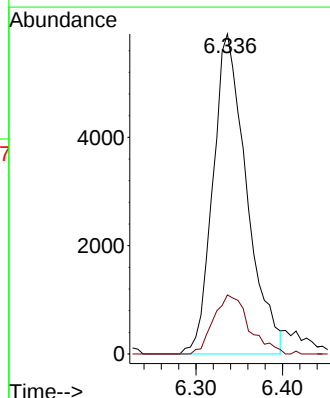
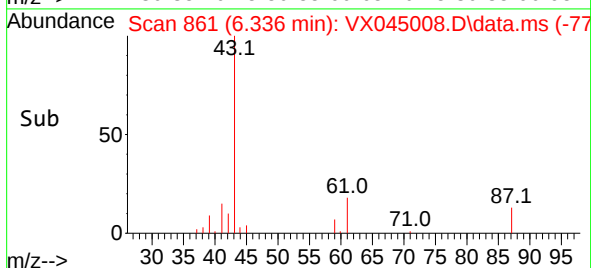
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

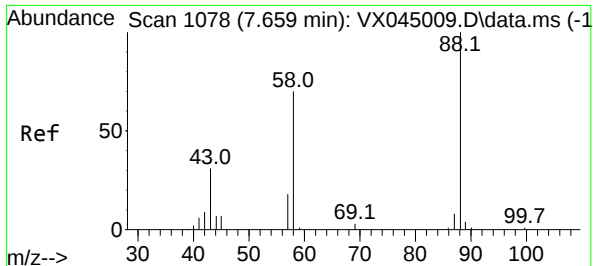


#44
Isopropyl Acetate
Concen: 4.518 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58



Tgt Ion: 43 Resp: 15951
Ion Ratio Lower Upper
43 100
61 17.2 15.5 23.3





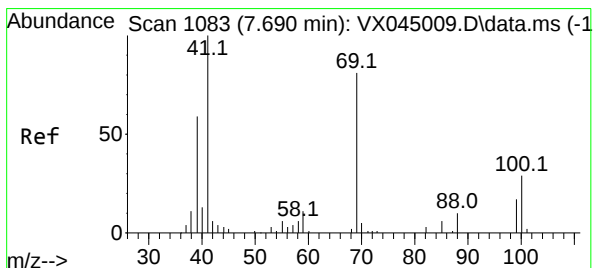
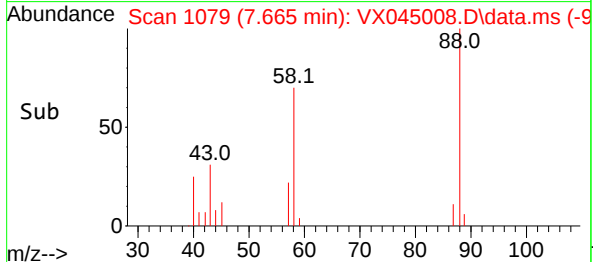
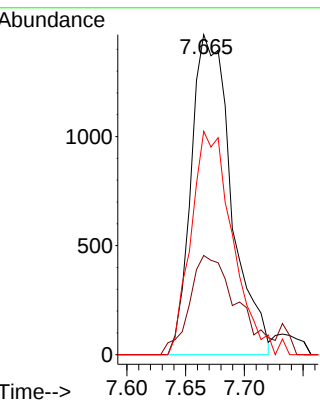
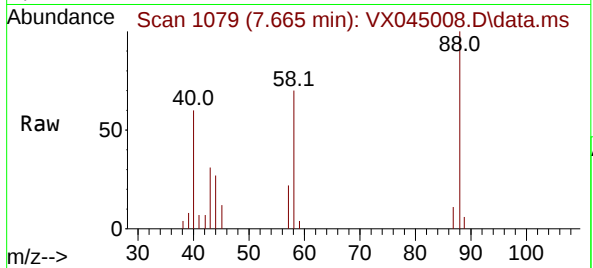
#45
1,4-Dioxane
Concen: 94.718 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 3470
Ion Ratio Lower Upper
88 100
43 28.7 29.6 44.4
58 71.4 56.2 84.4

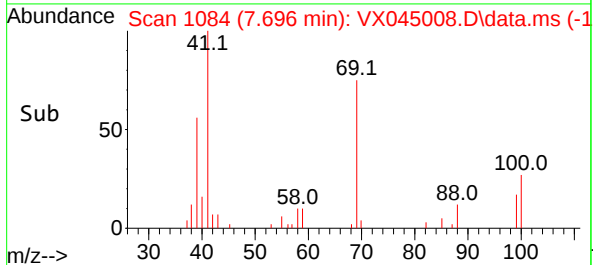
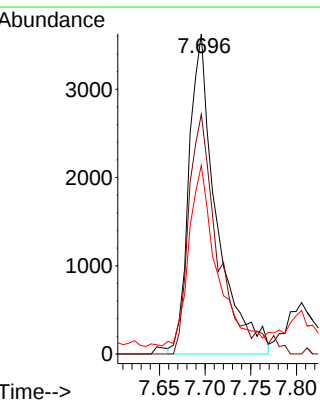
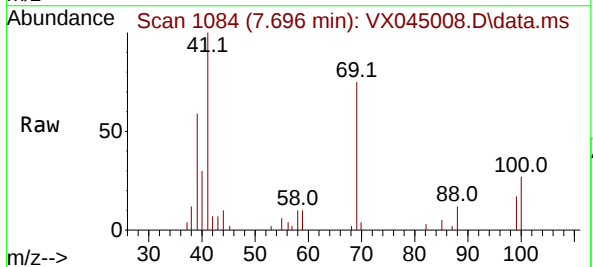
Manual Integrations
APPROVED

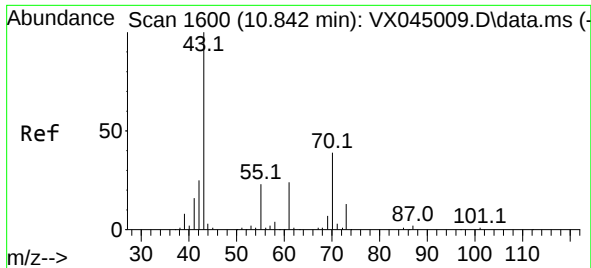
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#46
Methyl methacrylate
Concen: 4.362 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

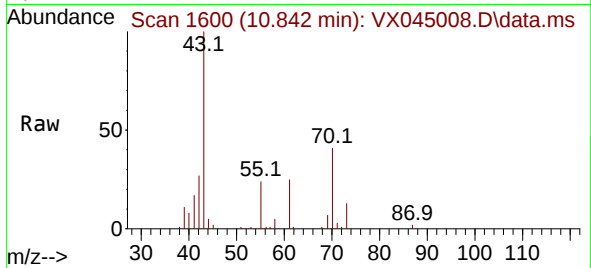
Tgt Ion: 41 Resp: 7550
Ion Ratio Lower Upper
41 100
69 76.2 40.7 122.1
39 55.9 29.5 88.5





#47
n-amy1 Acetate
Concen: 4.221 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

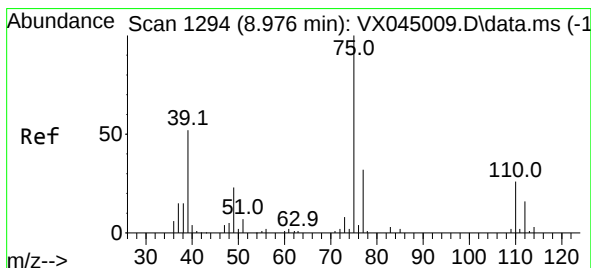
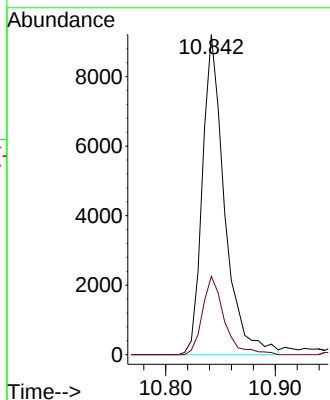
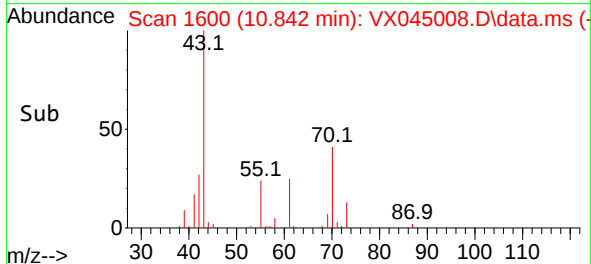
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 1293
Ion Ratio Lower Upper
43 100
55 22.9 18.6 27.8

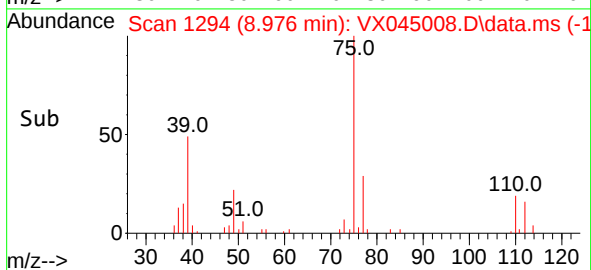
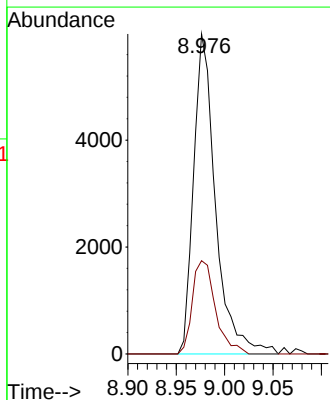
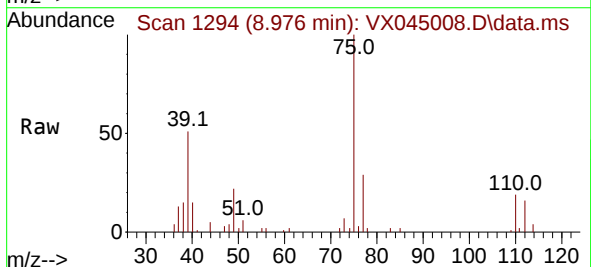
Manual Integrations
APPROVED

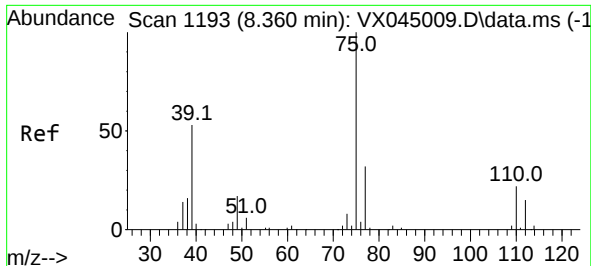
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#48
t-1,3-Dichloropropene
Concen: 4.458 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

Tgt Ion: 75 Resp: 9461
Ion Ratio Lower Upper
75 100
77 29.2 25.7 38.5





#49

cis-1,3-Dichloropropene

Concen: 4.585 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX045008.D

Acq: 21 Feb 2025 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 11010

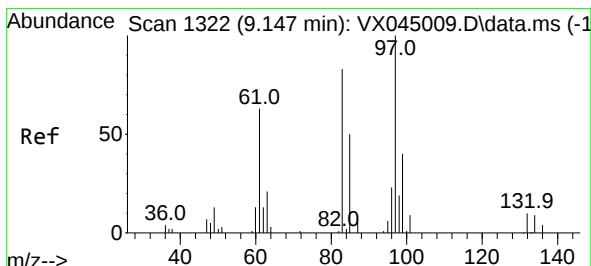
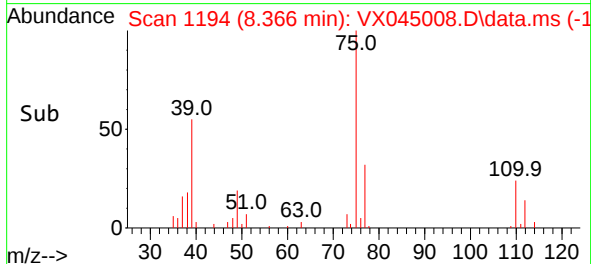
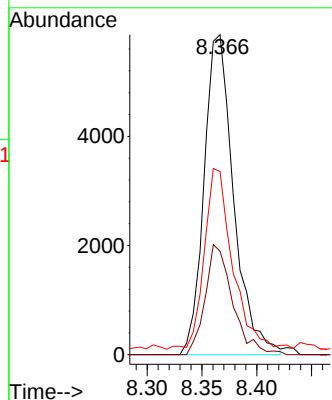
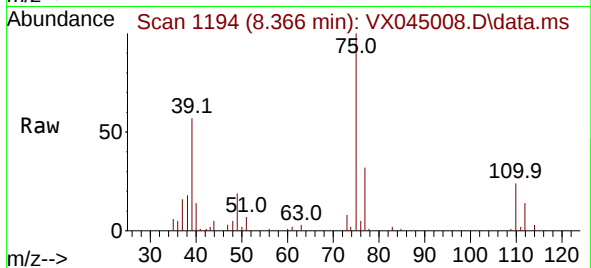
Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.9	38.9
39	54.7	42.3	63.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#50

1,1,2-Trichloroethane

Concen: 5.030 ug/l

RT: 9.147 min Scan# 1322

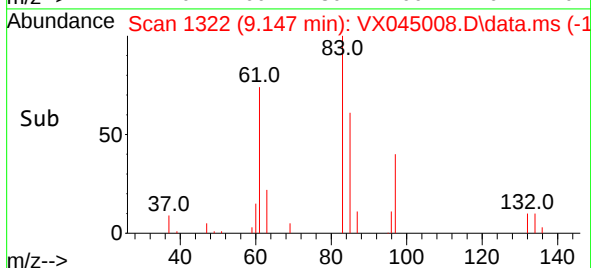
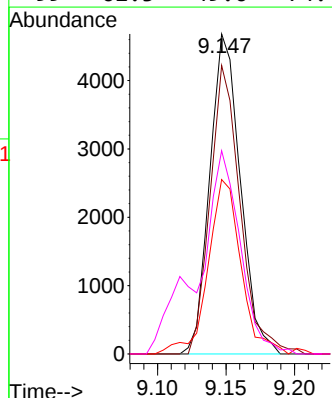
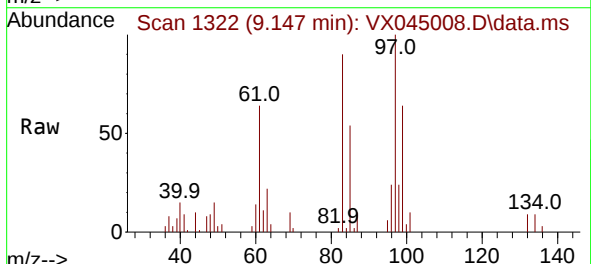
Delta R.T. -0.000 min

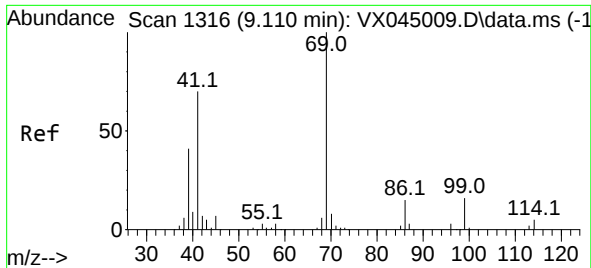
Lab File: VX045008.D

Acq: 21 Feb 2025 09:58

Tgt Ion: 97 Resp: 7268

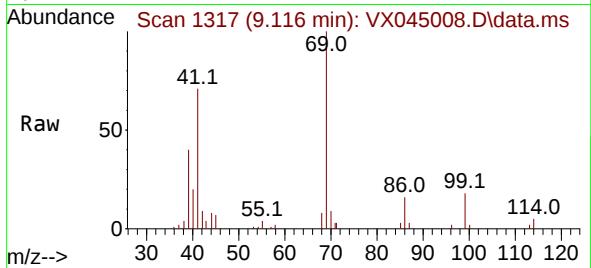
Ion	Ratio	Lower	Upper
97	100		
83	90.2	66.0	99.0
85	52.5	42.5	63.7
99	62.3	49.6	74.4





#51
Ethyl methacrylate
Concen: 4.287 ug/l
RT: 9.116 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

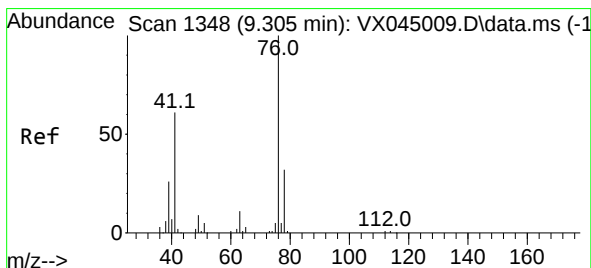
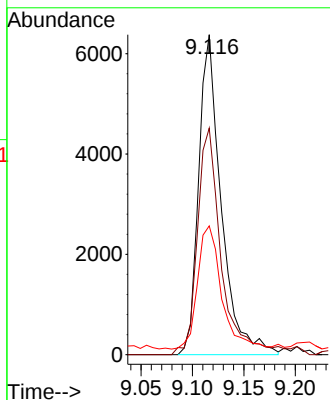
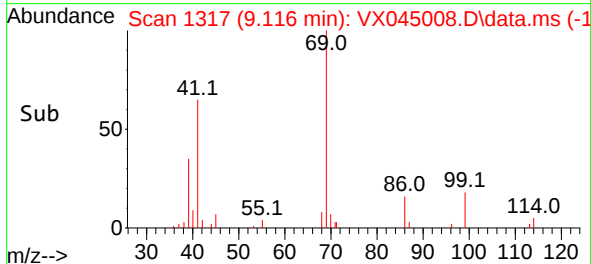
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 69 Resp: 974
Ion Ratio Lower Upper
69 100
41 68.6 35.1 105.3
39 38.2 20.5 61.6

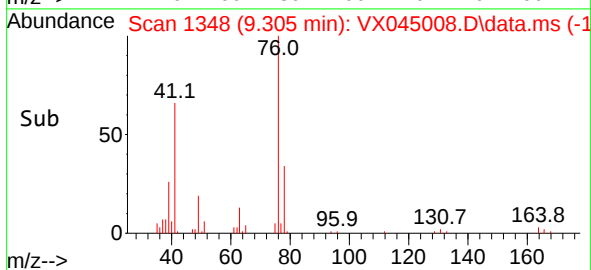
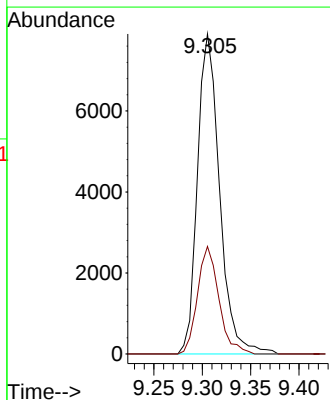
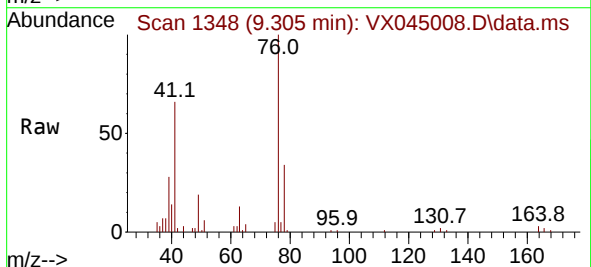
Manual Integrations
APPROVED

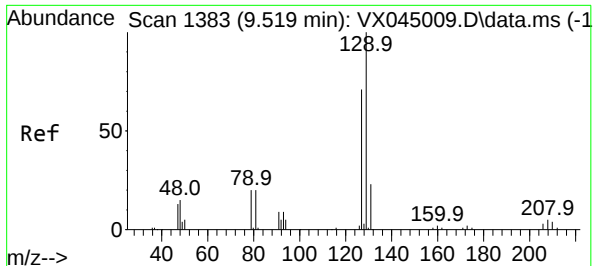
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#52
1,3-Dichloropropane
Concen: 4.981 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

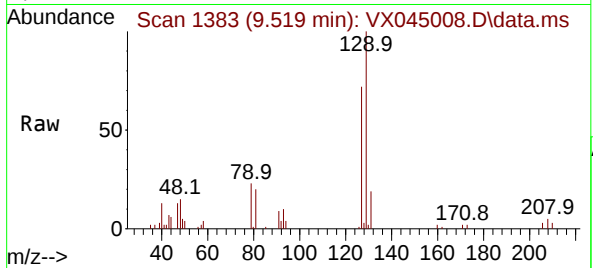
Tgt Ion: 76 Resp: 12611
Ion Ratio Lower Upper
76 100
78 32.5 0.0 63.6





#53
Dibromochloromethane
Concen: 4.791 ug/l
RT: 9.519 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

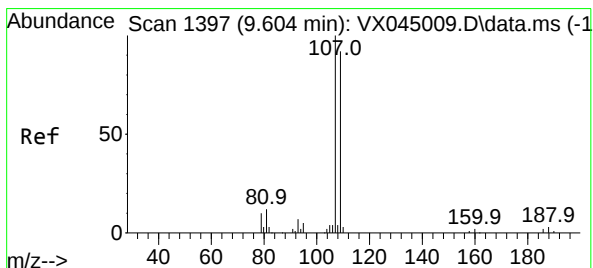
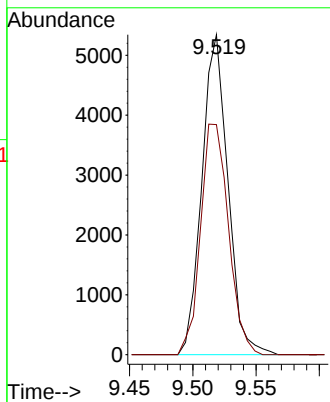
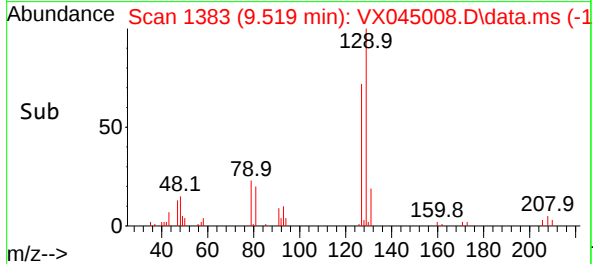
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



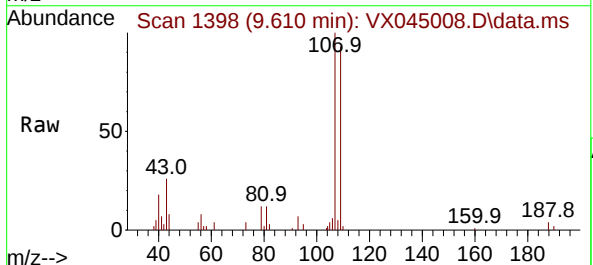
Tgt Ion:129 Resp: 765
Ion Ratio Lower Upper
129 100
127 77.3 37.3 111.9

Manual Integrations
APPROVED

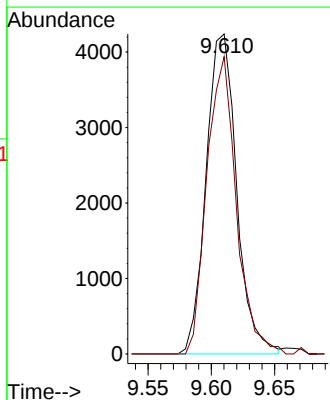
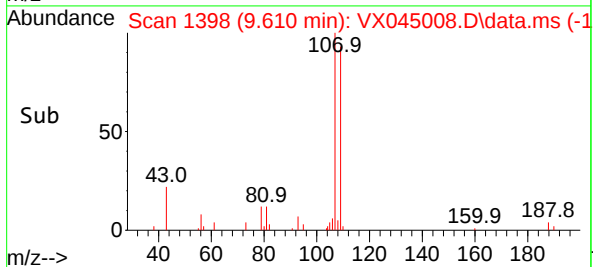
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#54
1,2-Dibromoethane
Concen: 4.851 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58



Tgt Ion:107 Resp: 7119
Ion Ratio Lower Upper
107 100
109 89.5 75.8 113.8





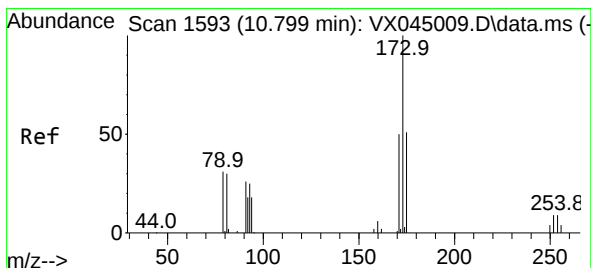
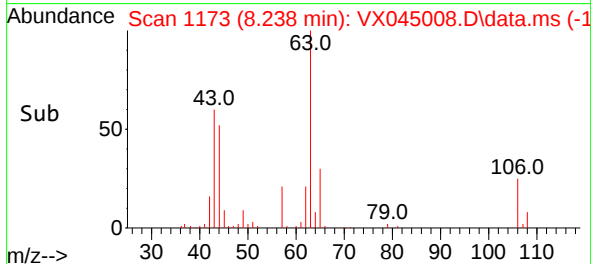
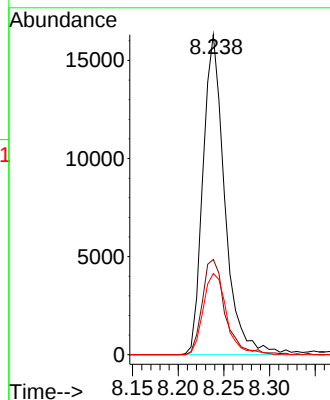
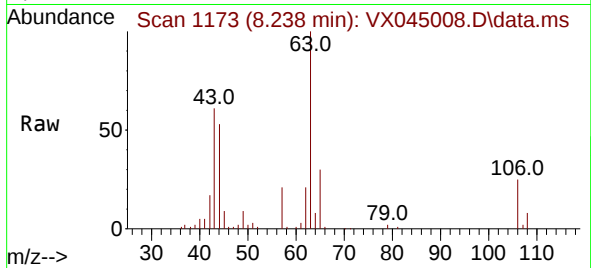
#55
2-Chloroethyl vinyl ether
Concen: 23.123 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 2698
Ion Ratio Lower Upper
63 100
65 30.5 26.2 39.2
106 27.2 21.2 31.8

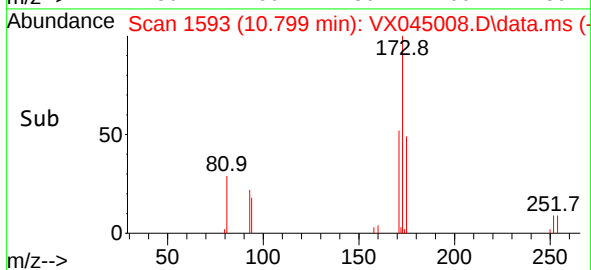
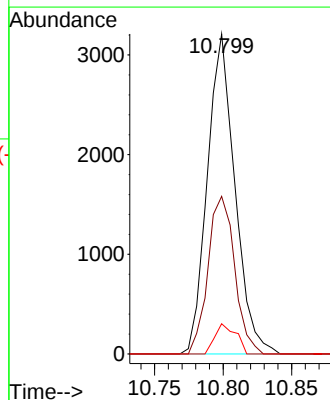
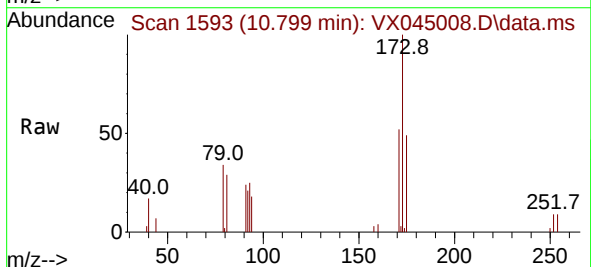
Manual Integrations
APPROVED

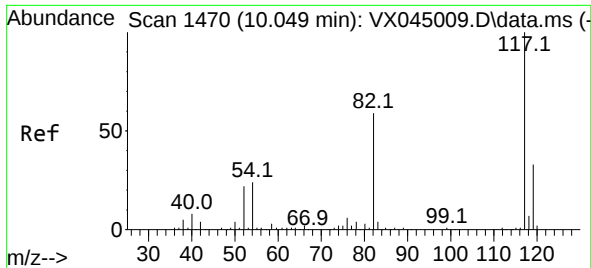
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#56
Bromoform
Concen: 4.491 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

Tgt Ion:173 Resp: 4498
Ion Ratio Lower Upper
173 100
175 47.6 39.6 59.4
254 7.2 6.3 9.5





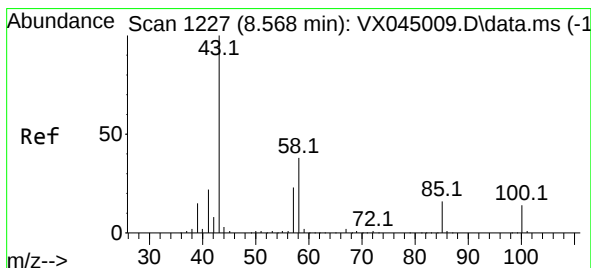
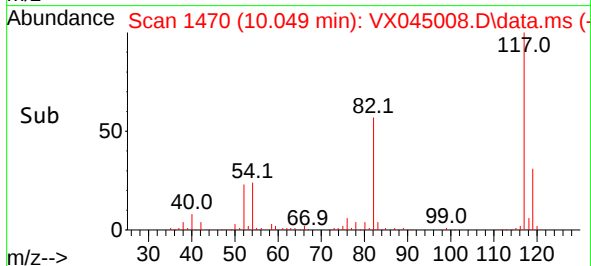
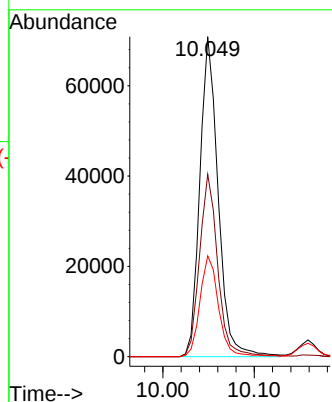
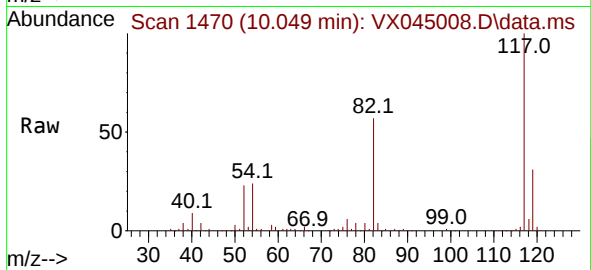
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 117 Resp: 9866
Ion Ratio Lower Upper
117 100
82 57.0 45.8 68.8
119 32.0 25.5 38.3

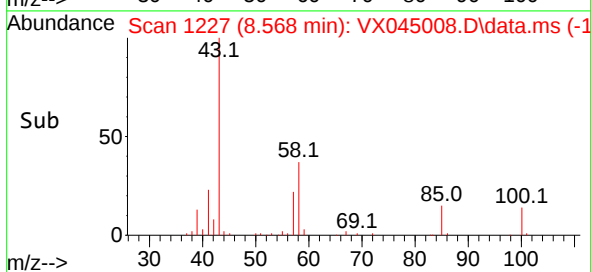
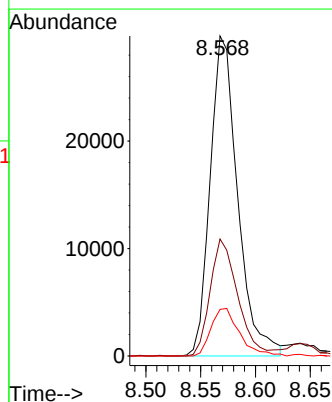
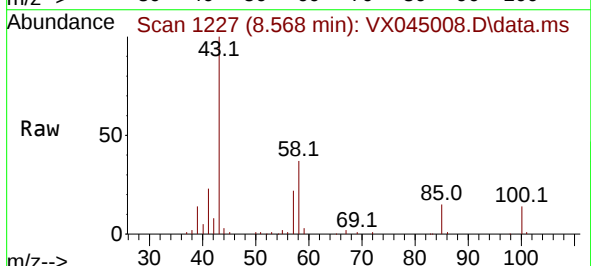
Manual Integrations
APPROVED

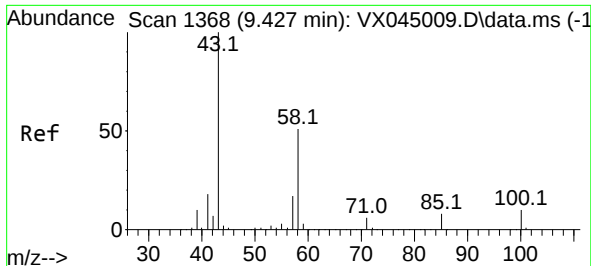
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#58
4-Methyl-2-Pentanone
Concen: 23.177 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

Tgt Ion: 43 Resp: 52017
Ion Ratio Lower Upper
43 100
58 36.3 29.5 44.3
85 15.3 12.9 19.3





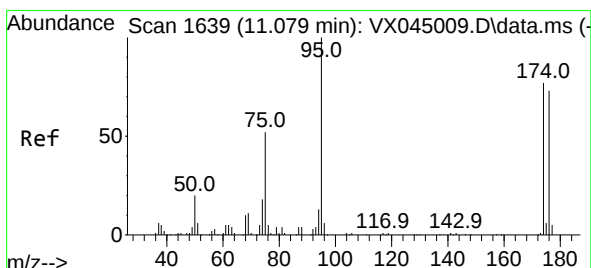
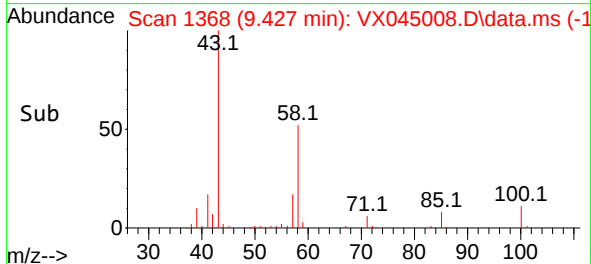
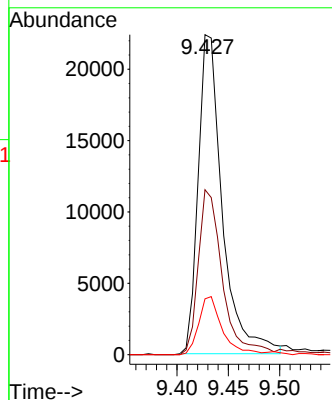
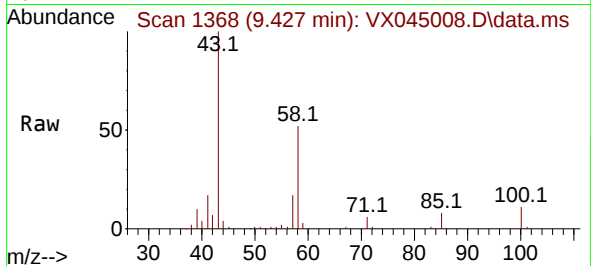
#59
2-Hexanone
Concen: 22.584 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 3663
Ion Ratio Lower Upper
43 100
58 51.4 41.6 62.4
57 17.6 13.8 20.6

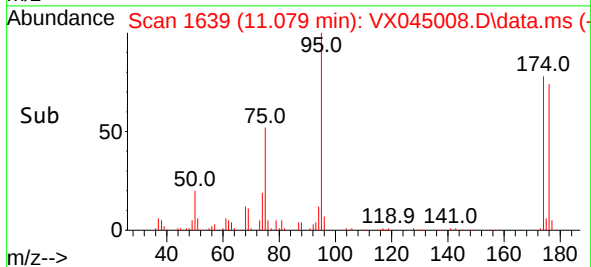
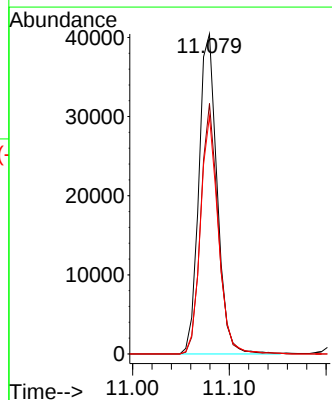
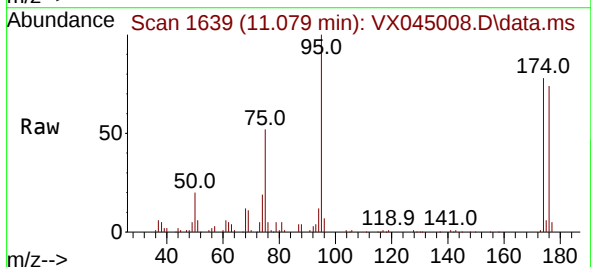
Manual Integrations
APPROVED

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



#60
4-Bromofluorobenzene
Concen: 28.855 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

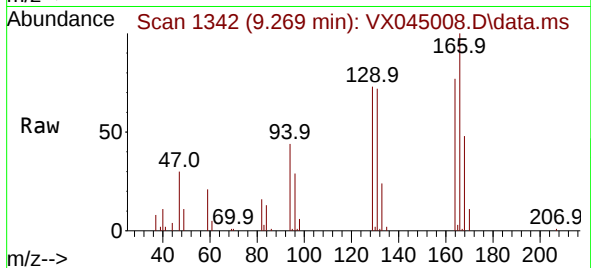
Tgt Ion: 95 Resp: 53212
Ion Ratio Lower Upper
95 100
174 74.3 59.5 89.3
176 72.7 55.5 83.3





#61
Tetrachloroethene
Concen: 5.269 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

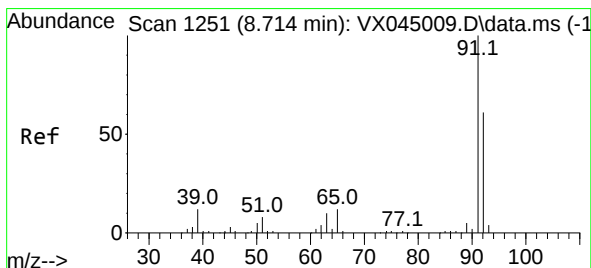
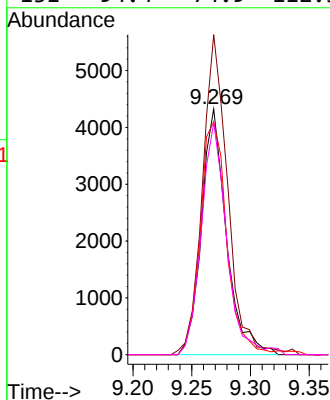
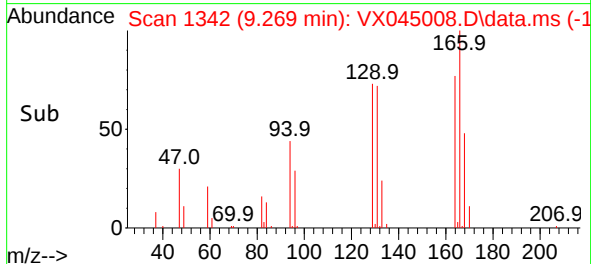
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:164 Resp: 640
Ion Ratio Lower Upper
164 100
166 128.6 100.3 150.5
129 94.8 75.5 113.3
131 94.4 74.9 112.3

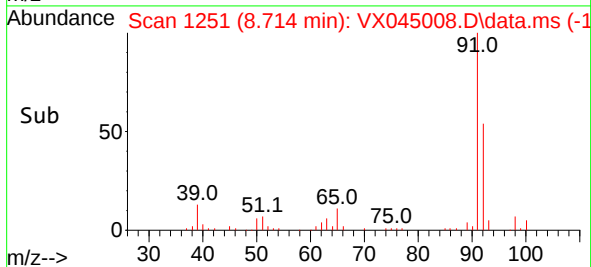
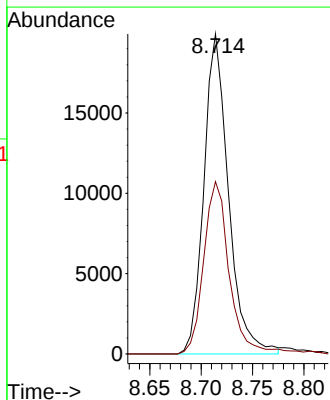
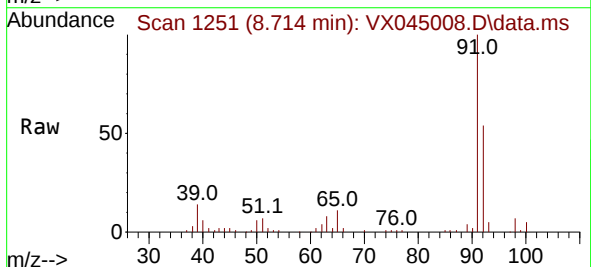
Manual Integrations
APPROVED

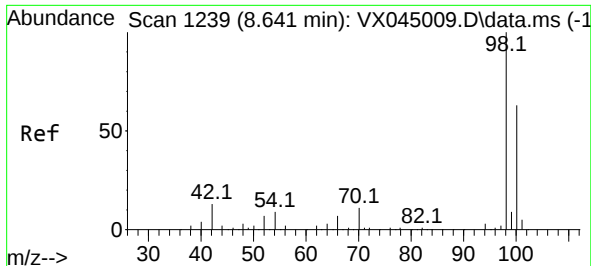
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#62
Toluene
Concen: 5.071 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

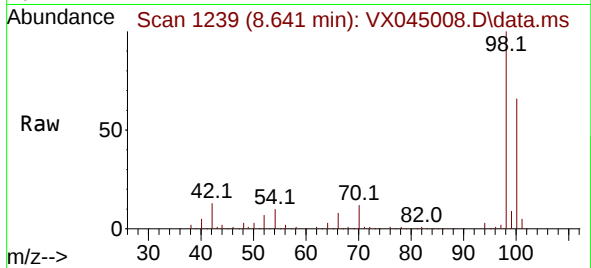
Tgt Ion: 91 Resp: 33141
Ion Ratio Lower Upper
91 100
92 55.1 46.9 70.3





#63
Toluene-d8
Concen: 29.865 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

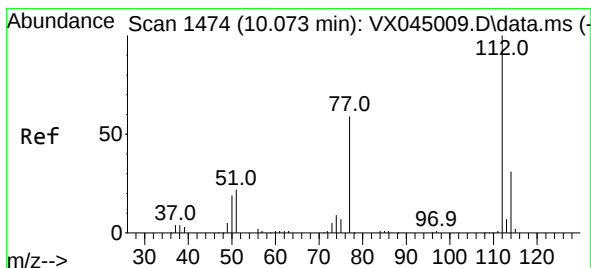
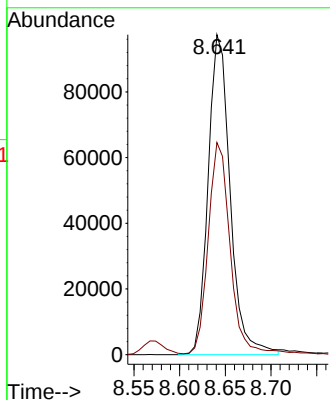
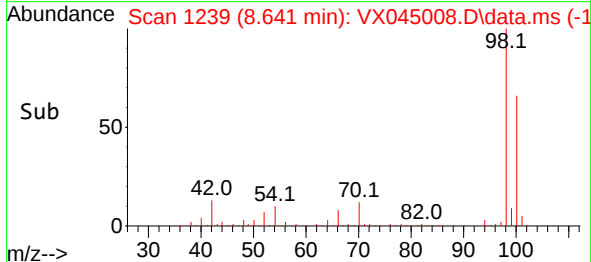
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 98 Resp: 163004
Ion Ratio Lower Upper
98 100
100 66.6 51.7 77.5

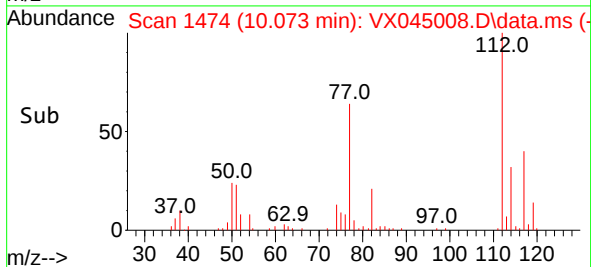
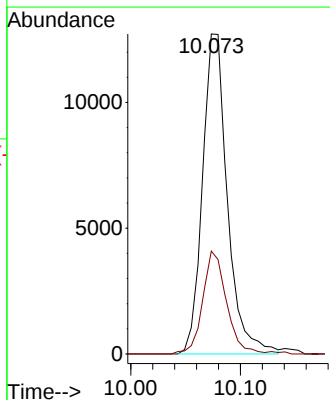
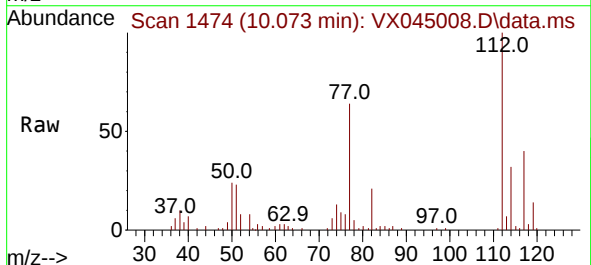
Manual Integrations
APPROVED

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



#64
Chlorobenzene
Concen: 4.965 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

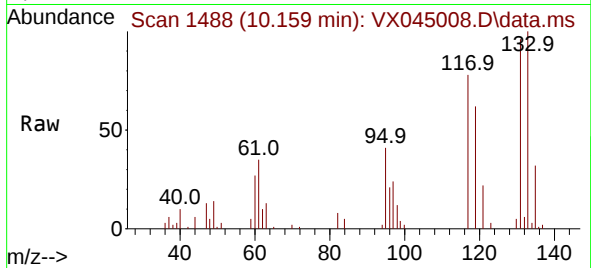
Tgt Ion:112 Resp: 20106
Ion Ratio Lower Upper
112 100
114 31.7 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 4.934 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

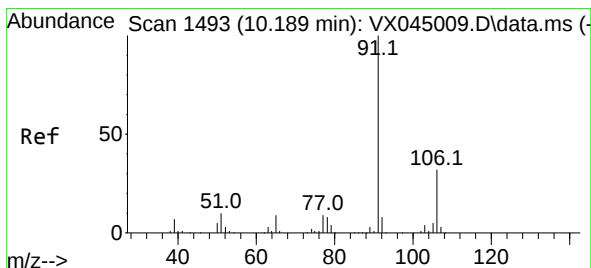
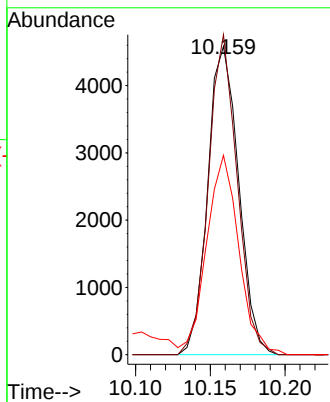
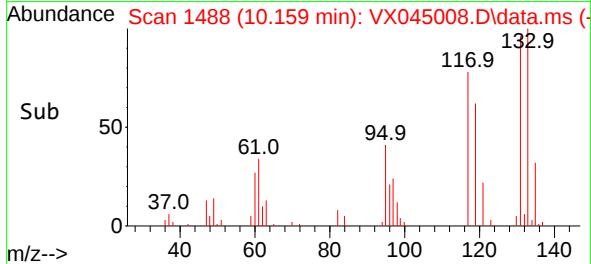
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:131 Resp: 659
Ion Ratio Lower Upper
131 100
133 96.7 0.0 187.8
119 67.3 0.0 133.0

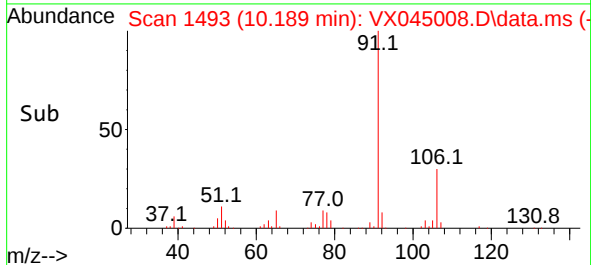
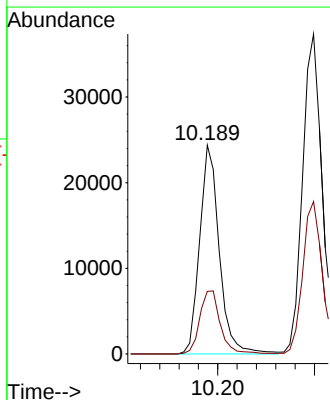
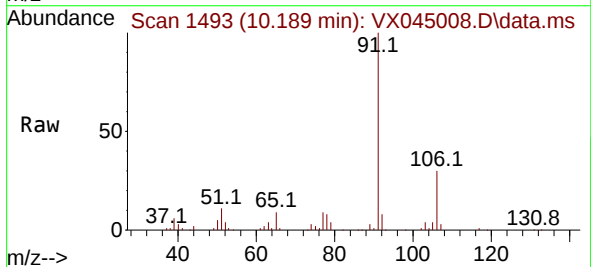
Manual Integrations
APPROVED

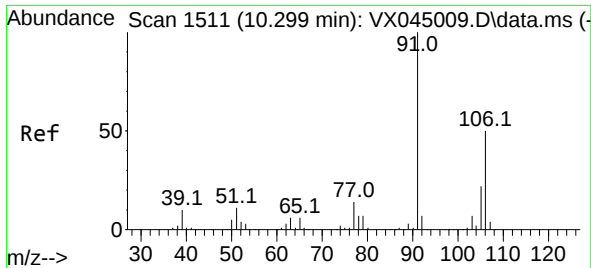
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#66
Ethyl Benzene
Concen: 4.813 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

Tgt Ion: 91 Resp: 34439
Ion Ratio Lower Upper
91 100
106 29.9 25.4 38.2





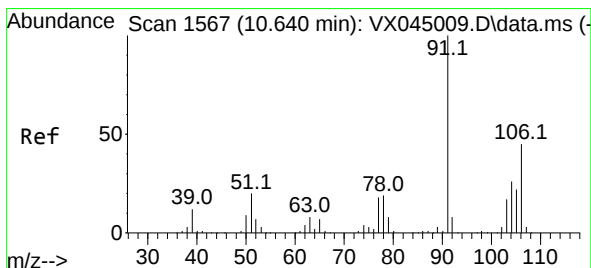
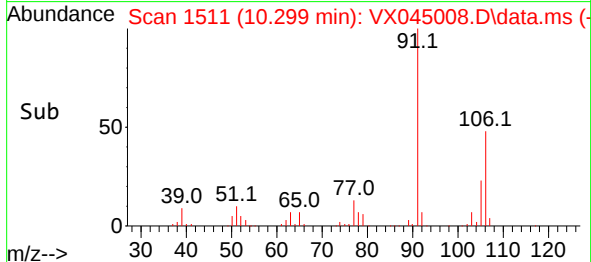
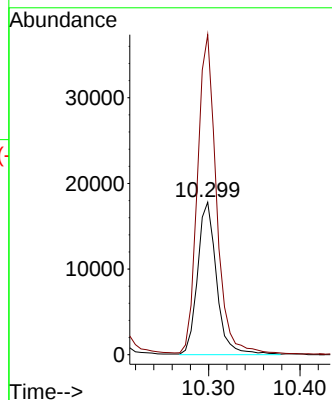
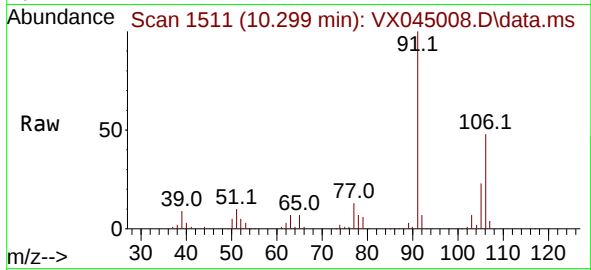
#67
m/p-Xylenes
Concen: 9.679 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 25804
Ion Ratio Lower Upper
106 100
91 208.2 163.7 245.5

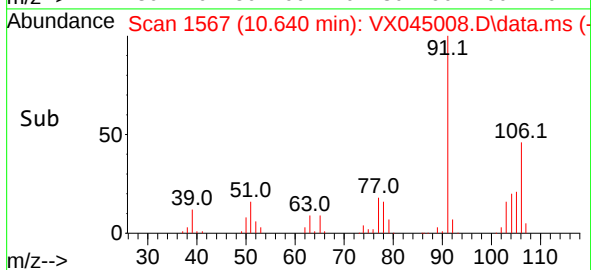
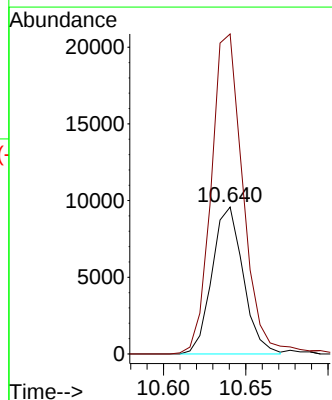
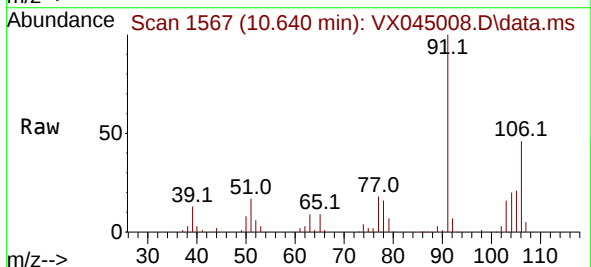
Manual Integrations
APPROVED

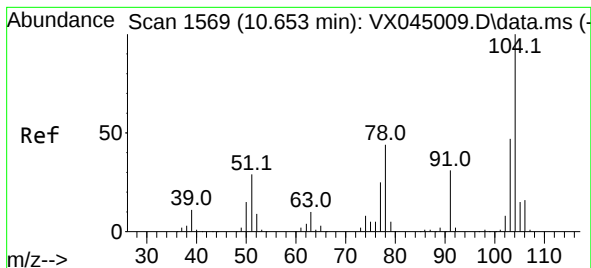
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#68
o-Xylene
Concen: 4.824 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

Tgt Ion:106 Resp: 12618
Ion Ratio Lower Upper
106 100
91 223.5 109.7 329.1





#69

Styrene

Concen: 4.741 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX045008.D

Acq: 21 Feb 2025 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

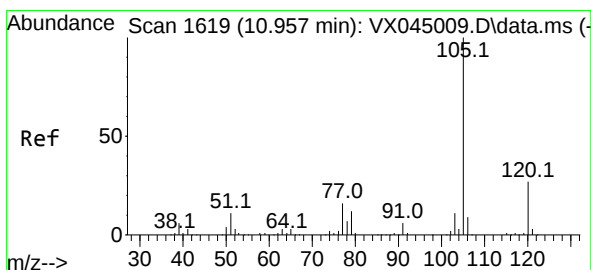
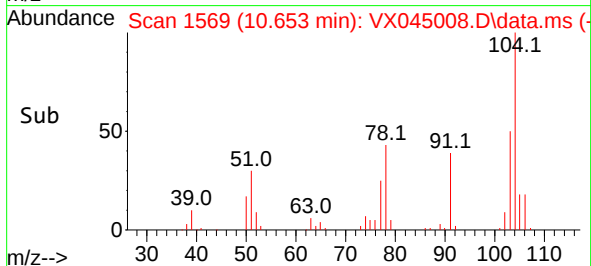
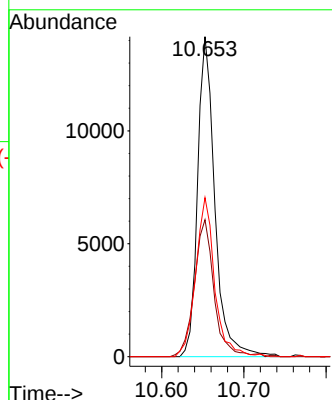
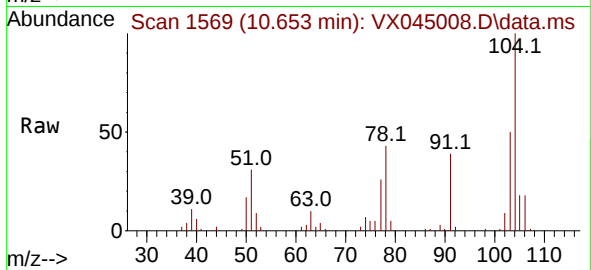
Tgt Ion:104	Resp:	20710
Ion Ratio	Lower	Upper
104	100	
78	48.4	41.4 62.0
103	54.4	43.0 64.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#70

Isopropylbenzene

Concen: 4.826 ug/l

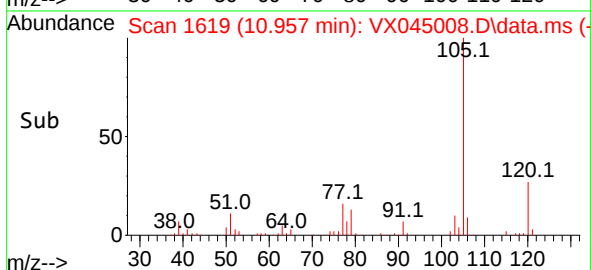
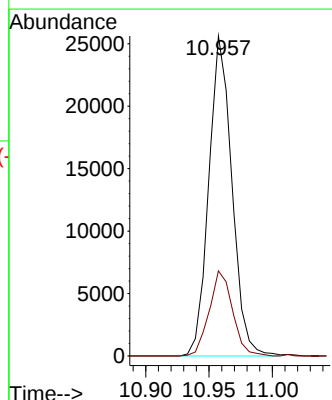
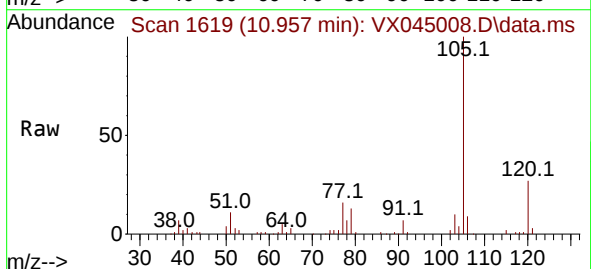
RT: 10.957 min Scan# 1619

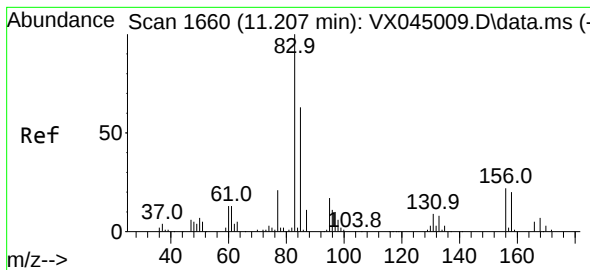
Delta R.T. -0.000 min

Lab File: VX045008.D

Acq: 21 Feb 2025 09:58

Tgt Ion:105	Resp:	32576
Ion Ratio	Lower	Upper
105	100	
120	26.8	18.4 34.2





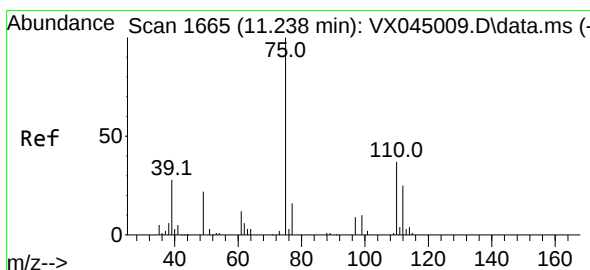
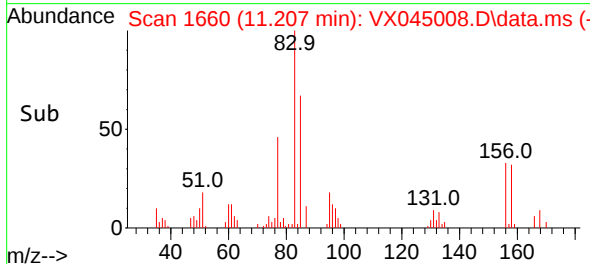
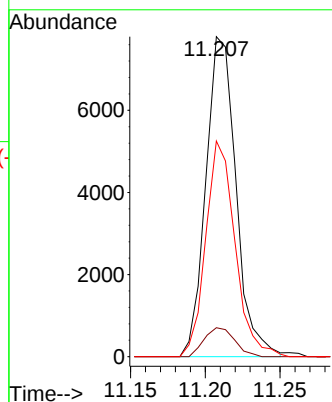
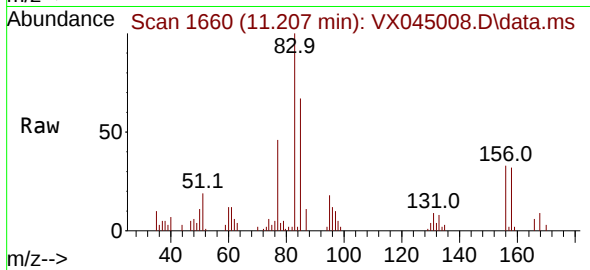
#71
 1,1,2,2-Tetrachloroethane
 Concen: 4.929 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: VX045008.D
 Acq: 21 Feb 2025 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 83 Resp: 10940
 Ion Ratio Lower Upper
 83 100
 131 9.1 4.8 14.3
 85 65.5 32.3 96.8

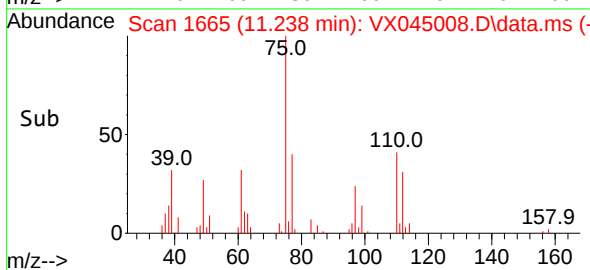
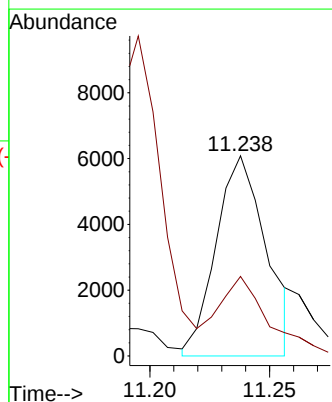
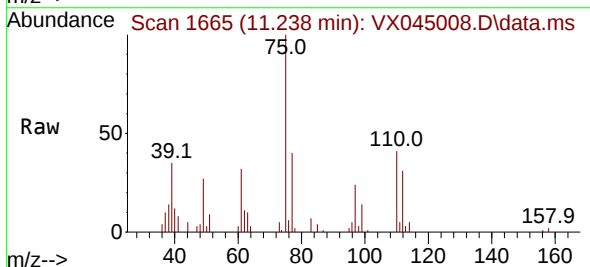
Manual Integrations
 APPROVED

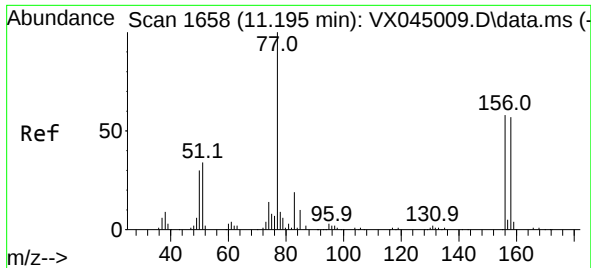
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025



#72
 1,2,3-Trichloropropane
 Concen: 4.851 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX045008.D
 Acq: 21 Feb 2025 09:58

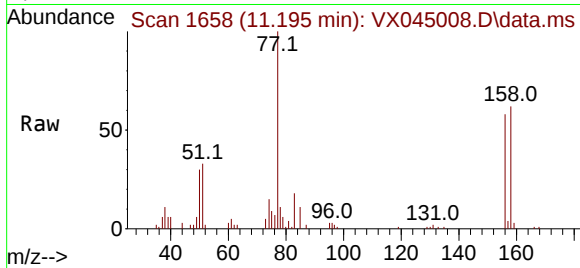
Tgt Ion: 75 Resp: 8856
 Ion Ratio Lower Upper
 75 100
 77 40.4 0.0 84.0





#73
Bromobenzene
Concen: 4.886 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

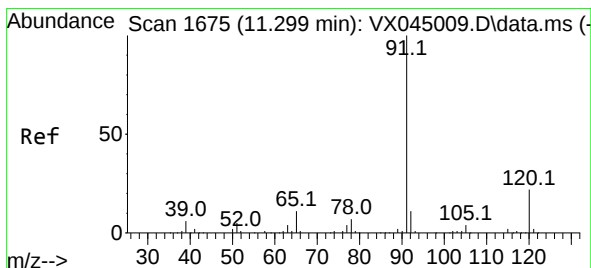
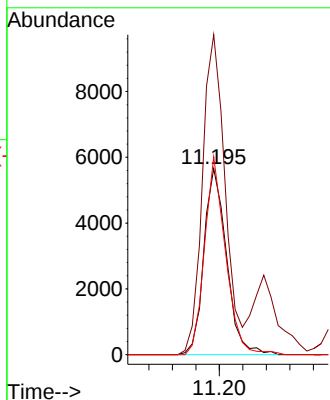
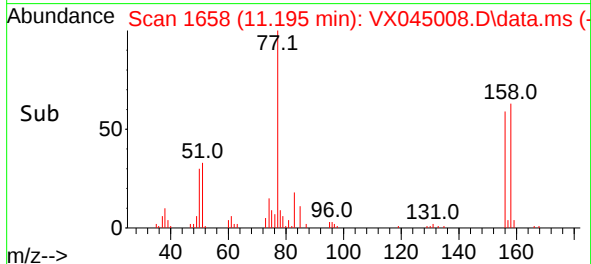
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



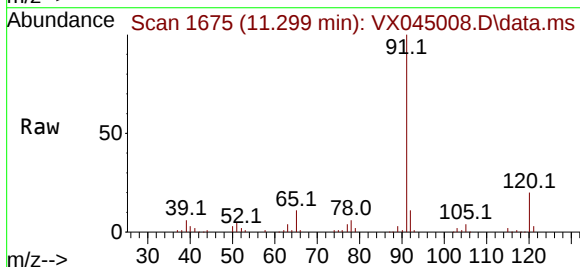
Tgt Ion:156 Resp: 7592
Ion Ratio Lower Upper
156 100
77 170.9 0.0 347.2
158 98.2 0.0 197.6

Manual Integrations
APPROVED

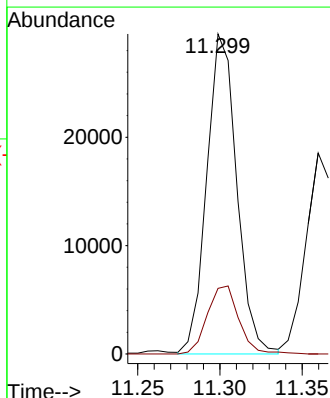
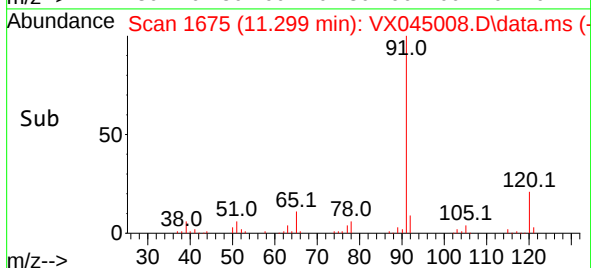
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

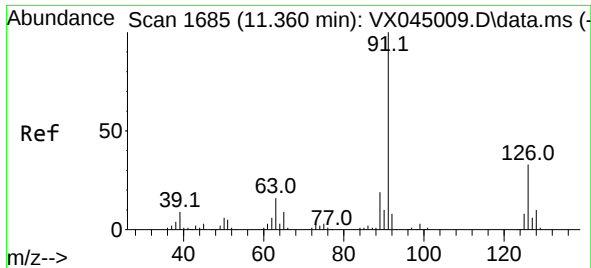


#74
n-propylbenzene
Concen: 4.669 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58



Tgt Ion: 91 Resp: 37507
Ion Ratio Lower Upper
91 100
120 22.3 0.0 44.2





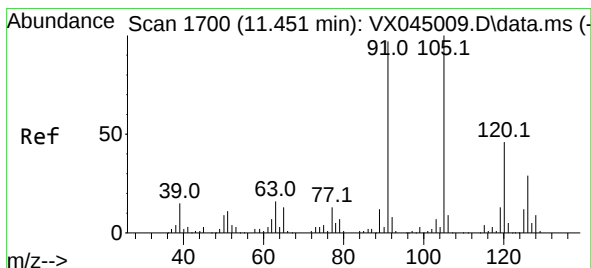
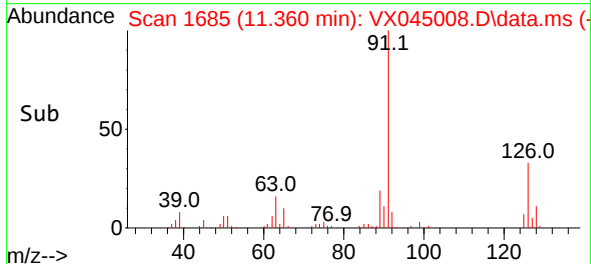
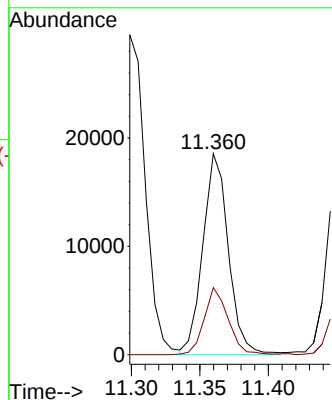
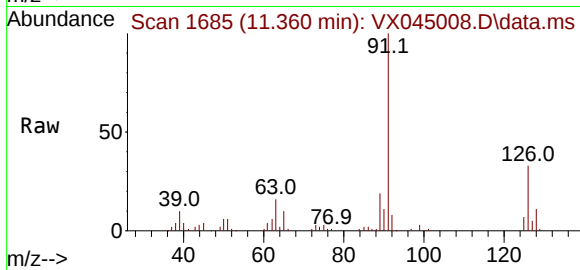
#75
2-Chlorotoluene
Concen: 4.961 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 2409
Ion Ratio Lower Upper
91 100
126 31.2 0.0 65.4

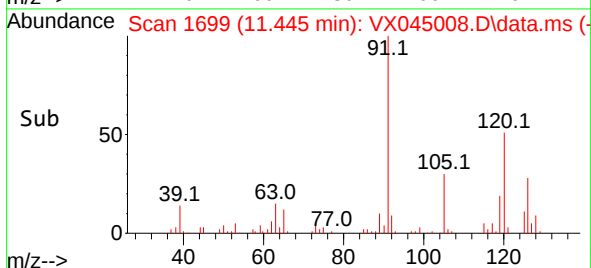
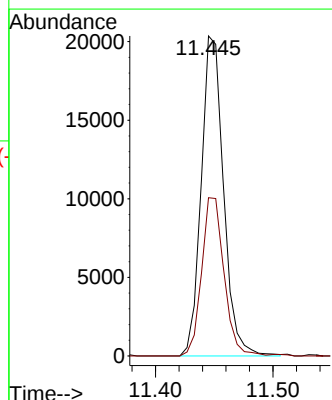
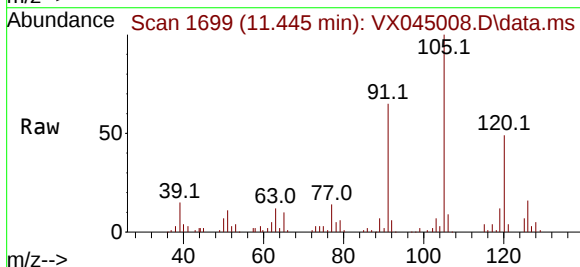
Manual Integrations
APPROVED

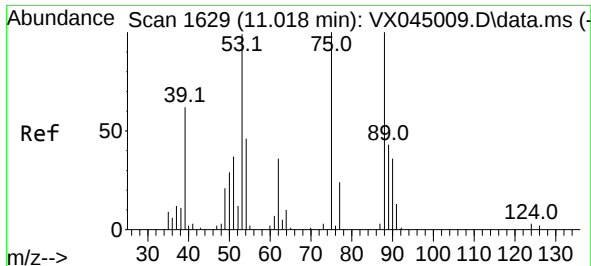
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#76
1,3,5-Trimethylbenzene
Concen: 4.837 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

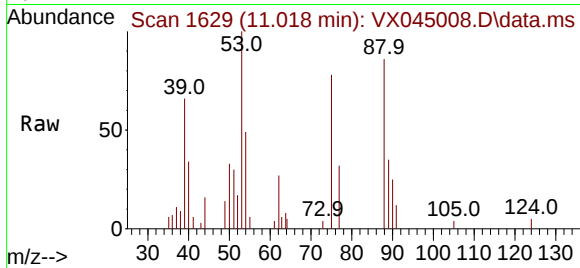
Tgt Ion:105 Resp: 26935
Ion Ratio Lower Upper
105 100
120 49.5 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 3.552 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

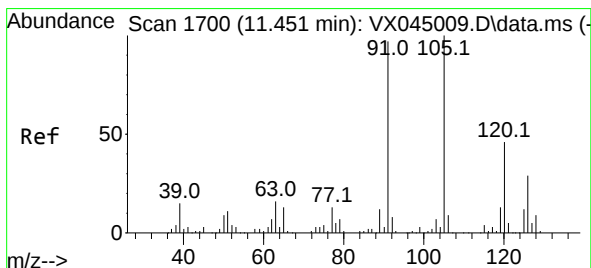
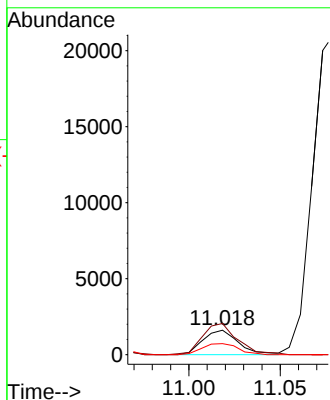
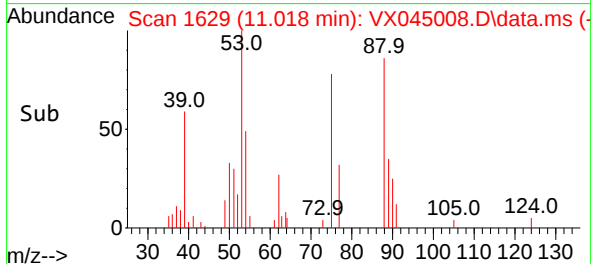
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 2182
Ion Ratio Lower Upper
75 100
53 123.8 49.8 149.4
89 45.4 21.4 64.2

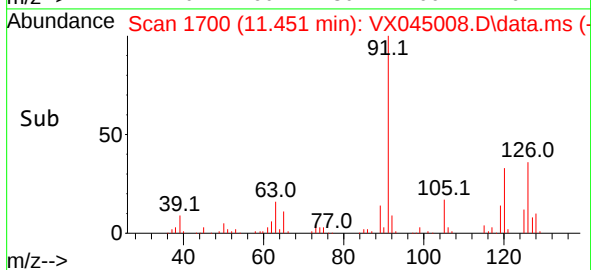
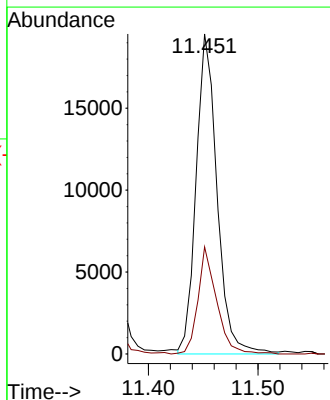
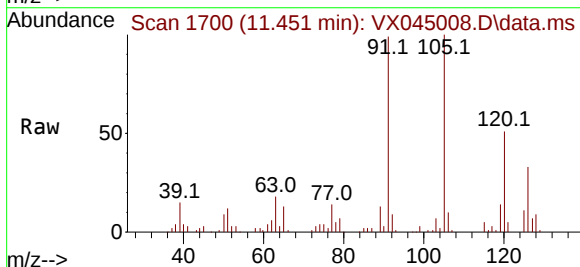
Manual Integrations
APPROVED

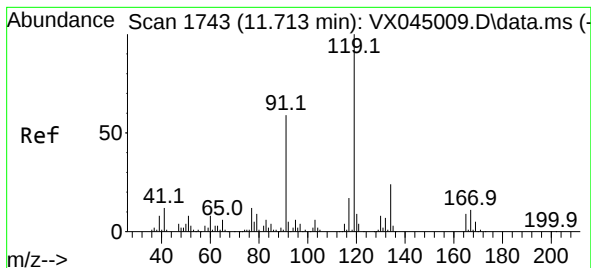
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#78
4-Chlorotoluene
Concen: 4.800 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

Tgt Ion: 91 Resp: 25983
Ion Ratio Lower Upper
91 100
126 29.6 0.0 58.0





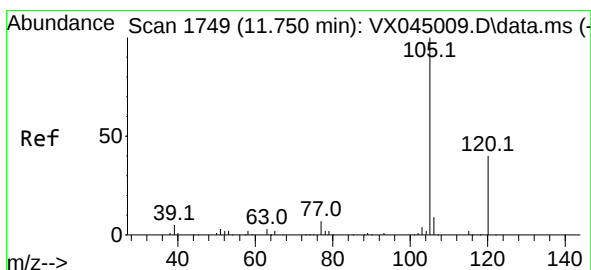
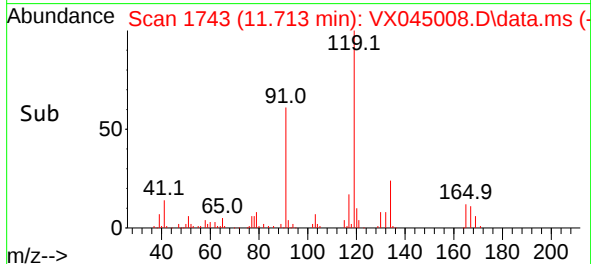
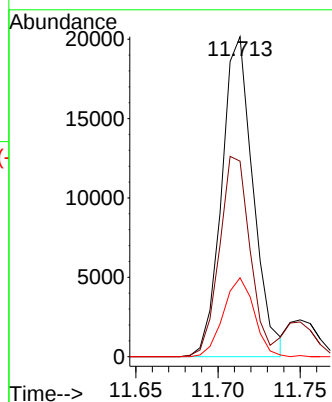
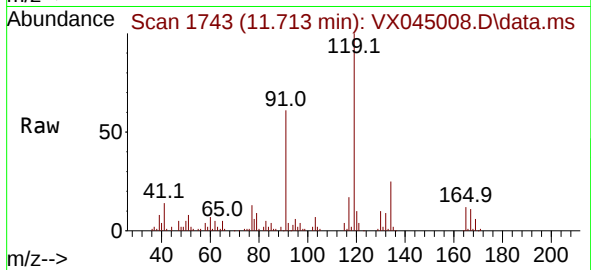
#79
tert-butylbenzene
Concen: 4.772 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 2677
Ion Ratio Lower Upper
119 100
91 60.8 0.0 120.6
134 24.1 0.0 48.2

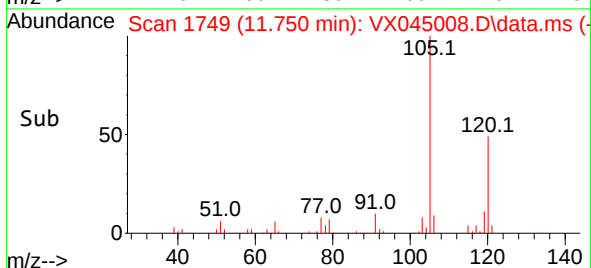
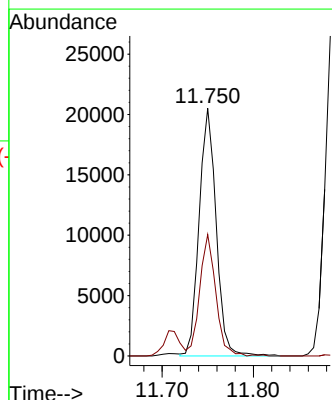
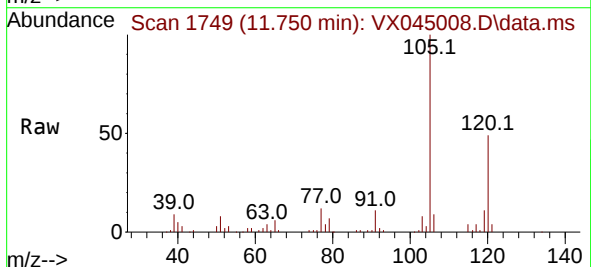
Manual Integrations
APPROVED

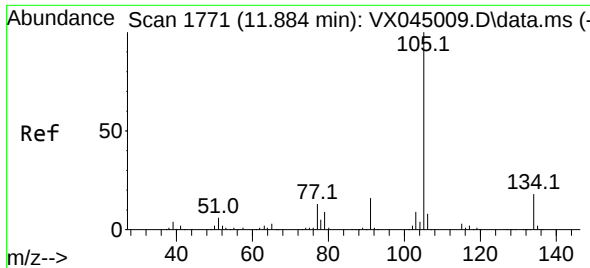
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#80
1,2,4-Trimethylbenzene
Concen: 4.763 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

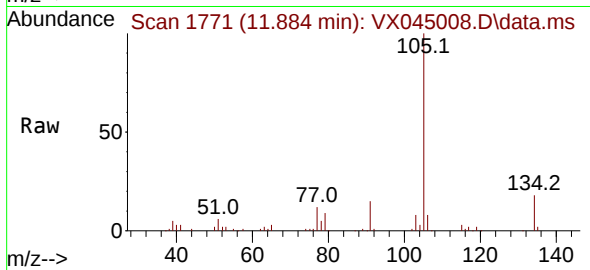
Tgt Ion:105 Resp: 26568
Ion Ratio Lower Upper
105 100
120 46.0 0.0 88.4





#81
 sec-Butylbenzene
 Concen: 4.801 ug/l
 RT: 11.884 min Scan# 1771
 Delta R.T. -0.000 min
 Lab File: VX045008.D
 Acq: 21 Feb 2025 09:58

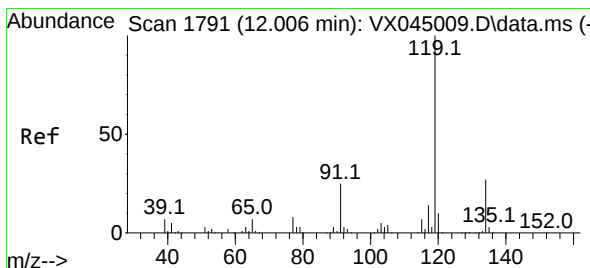
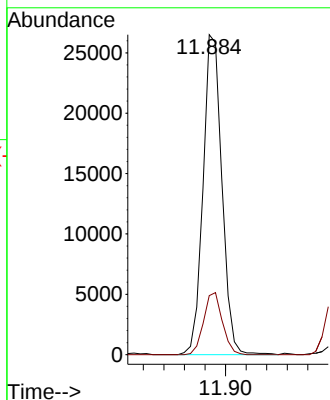
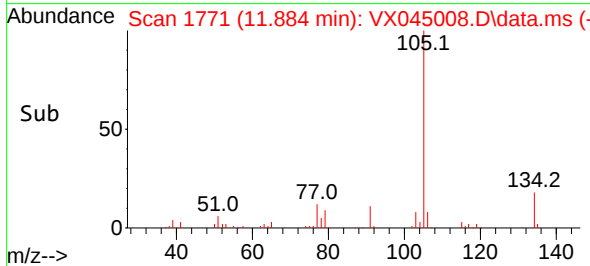
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



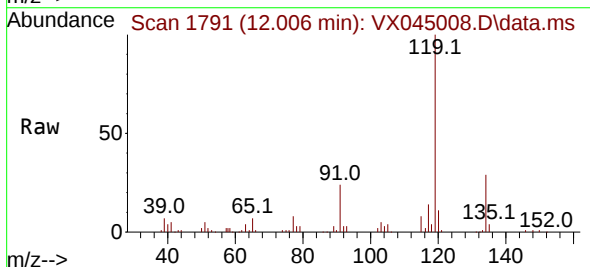
Tgt Ion:105 Resp: 3380
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 39.0

Manual Integrations
 APPROVED

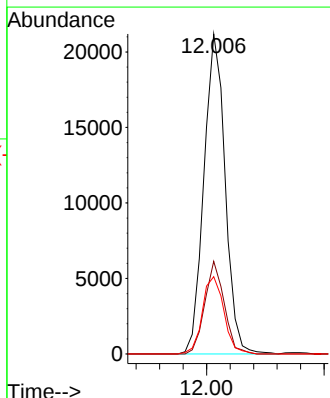
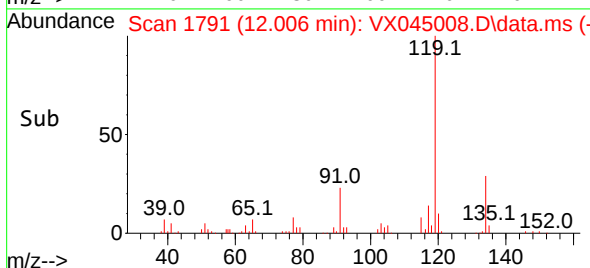
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025

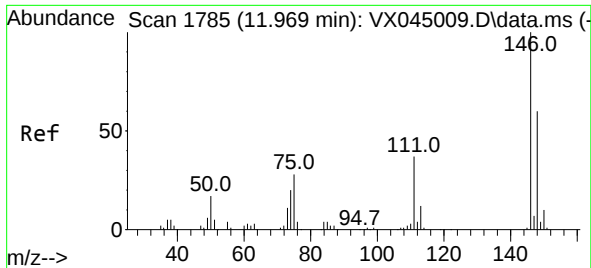


#82
 p-Isopropyltoluene
 Concen: 4.653 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045008.D
 Acq: 21 Feb 2025 09:58



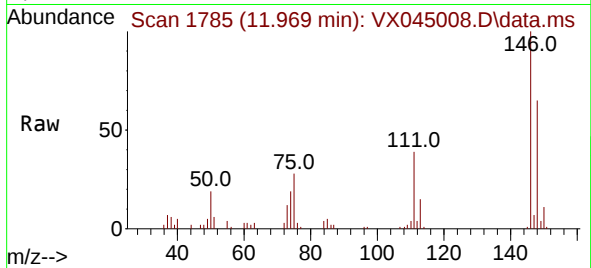
Tgt Ion:119 Resp: 26547
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 52.6
 91 24.5 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 4.863 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

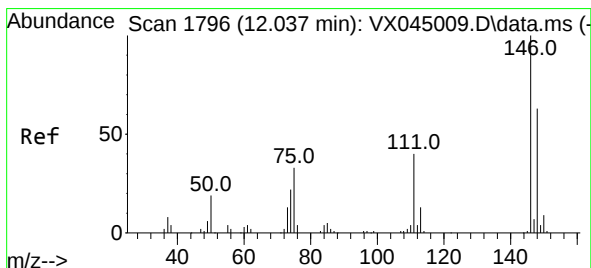
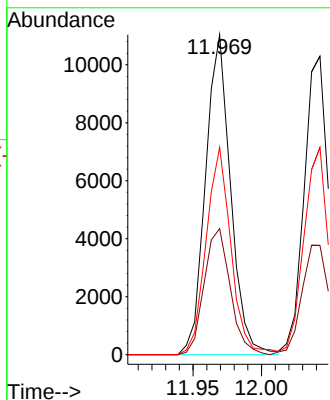
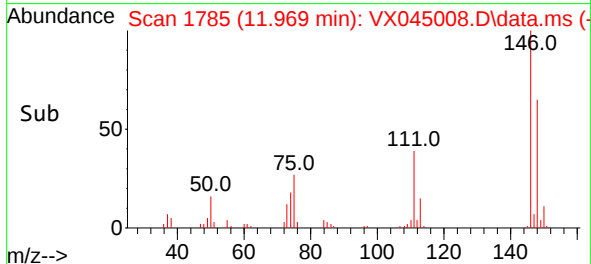
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



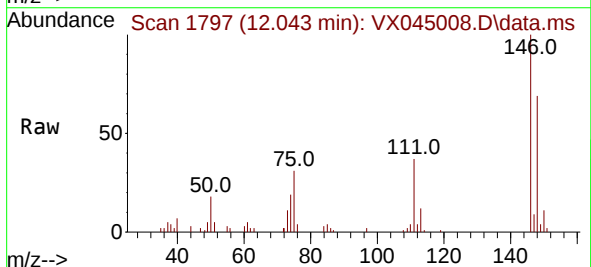
Tgt Ion:146 Resp: 14060
Ion Ratio Lower Upper
146 100
111 40.9 20.2 60.5
148 63.5 31.2 93.6

Manual Integrations
APPROVED

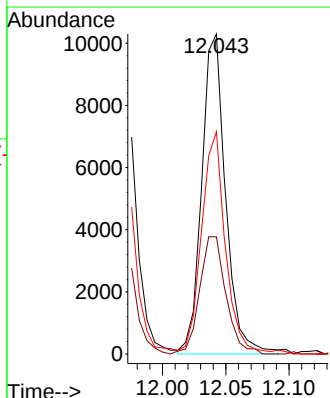
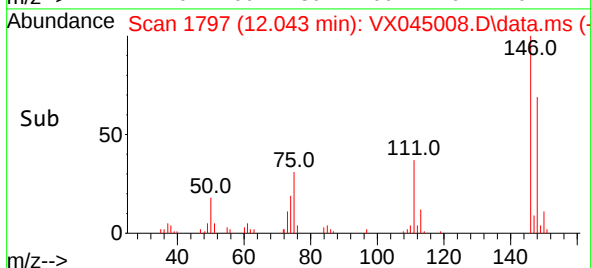
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

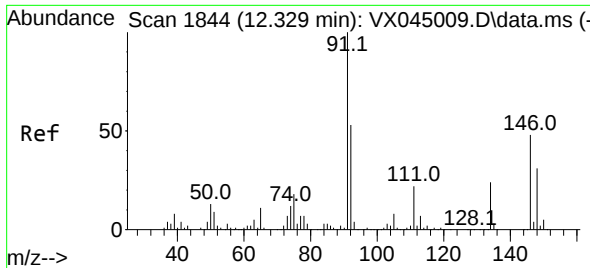


#84
1,4-Dichlorobenzene
Concen: 4.755 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58



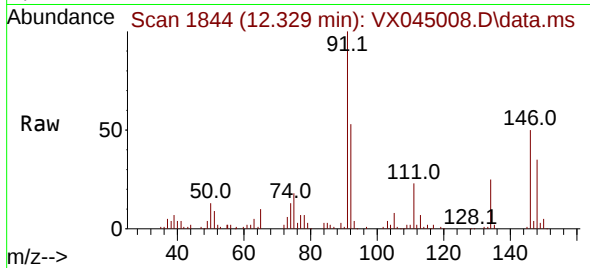
Tgt Ion:146 Resp: 13556
Ion Ratio Lower Upper
146 100
111 40.3 20.4 61.2
148 69.1 31.8 95.4





#85
n-Butylbenzene
Concen: 4.344 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

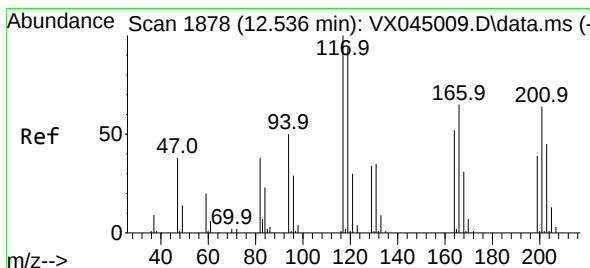
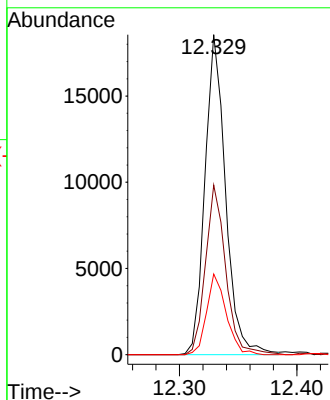
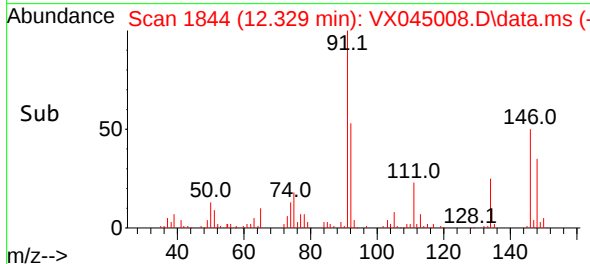
Instrument : MSVOA_X
ClientSampleId : VSTDIC005



Tgt Ion: 91 Resp: 22634
Ion Ratio Lower Upper
91 100
92 52.0 0.0 105.2
134 23.5 0.0 49.4

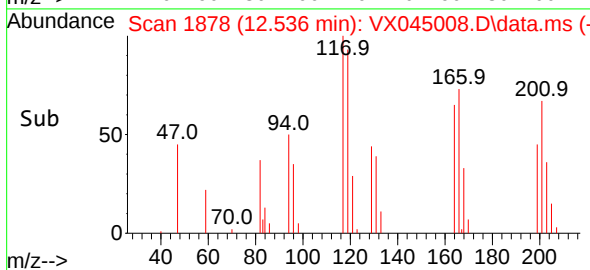
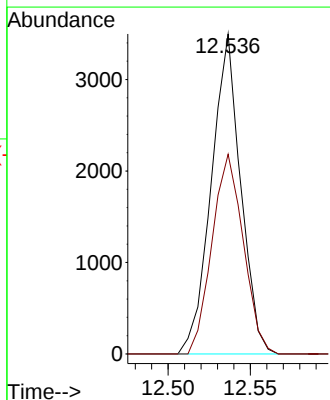
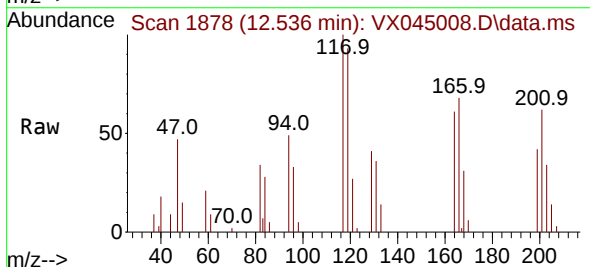
Manual Integrations
APPROVED

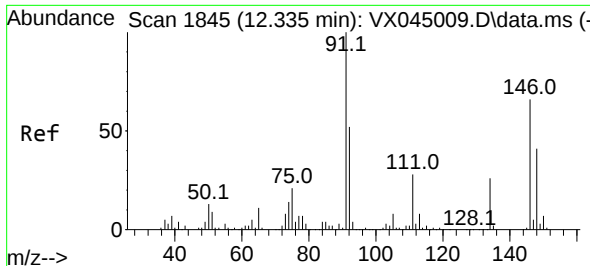
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#86
Hexachloroethane
Concen: 4.313 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

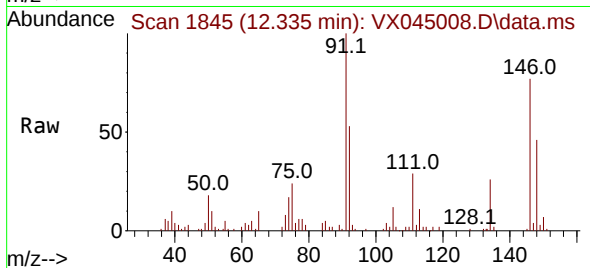
Tgt Ion:117 Resp: 4340
Ion Ratio Lower Upper
117 100
201 66.5 32.6 97.7





#87
 1,2-Dichlorobenzene
 Concen: 5.001 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VX045008.D
 Acq: 21 Feb 2025 09:58

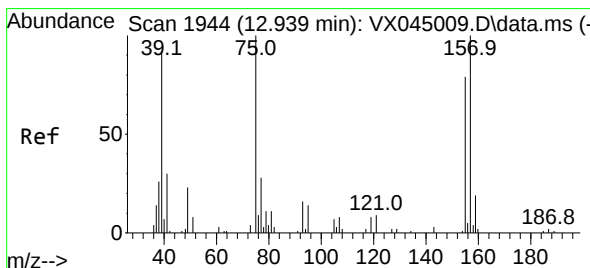
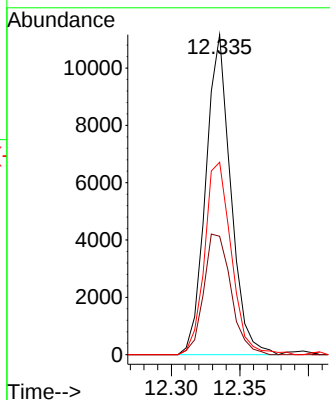
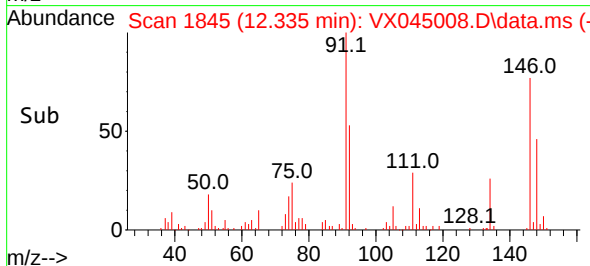
Instrument : MSVOA_X
 ClientSampleId : VSTDIC005



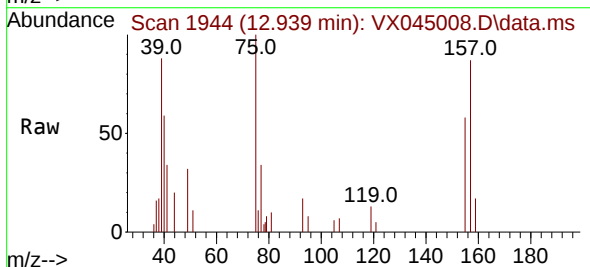
Tgt Ion:146 Resp: 1418
 Ion Ratio Lower Upper
 146 100
 111 41.2 21.7 65.1
 148 64.4 31.8 95.4

Manual Integrations
 APPROVED

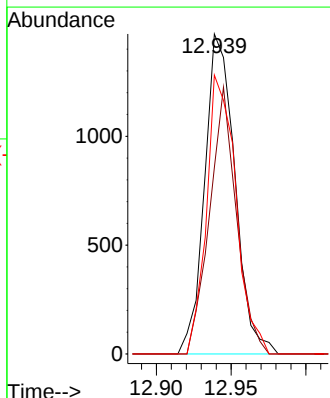
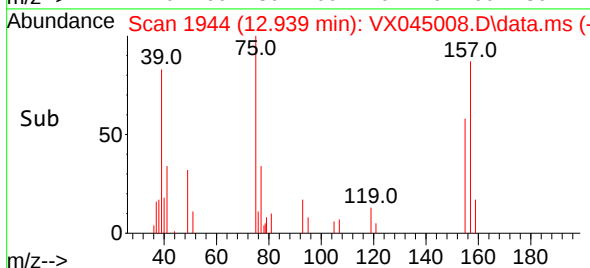
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025

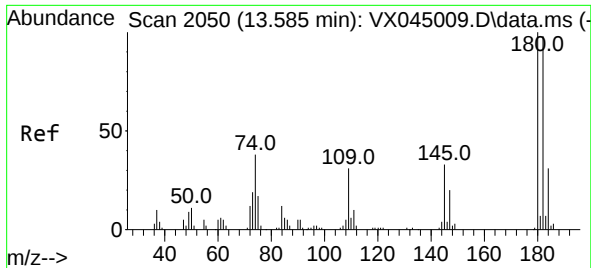


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 4.810 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. -0.000 min
 Lab File: VX045008.D
 Acq: 21 Feb 2025 09:58



Tgt Ion: 75 Resp: 2067
 Ion Ratio Lower Upper
 75 100
 155 74.0 66.2 99.4
 157 84.6 81.4 122.2





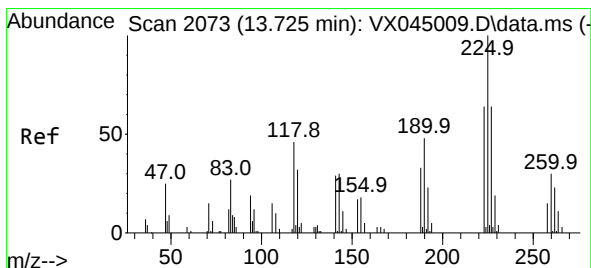
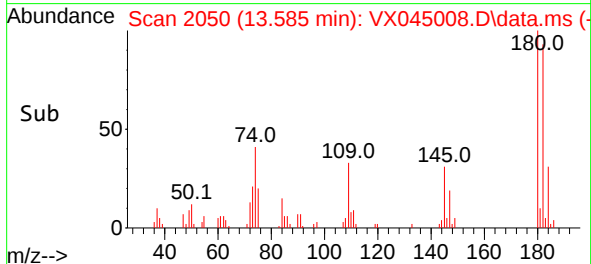
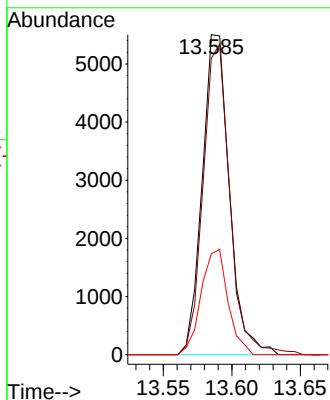
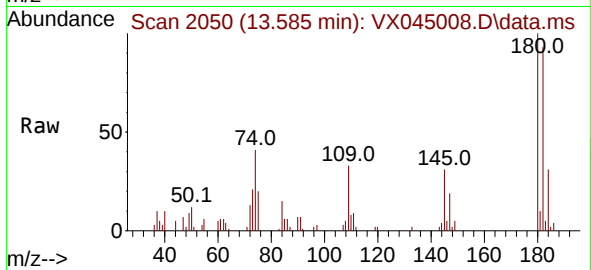
#89
1,2,4-Trichlorobenzene
Concen: 4.412 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:180 Resp: 7580
Ion Ratio Lower Upper
180 100
182 95.3 77.7 116.5
145 32.5 25.8 38.6

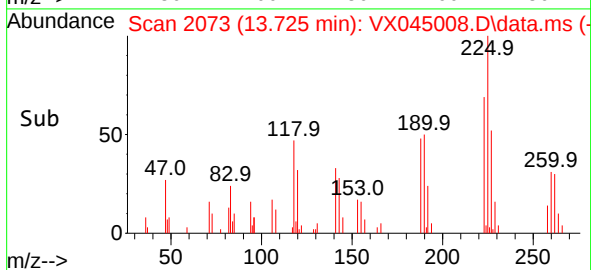
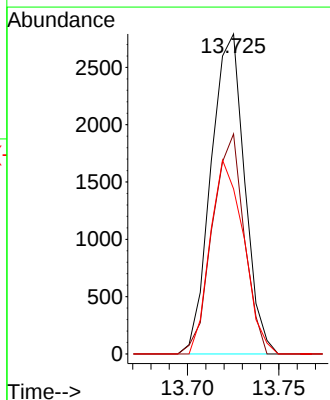
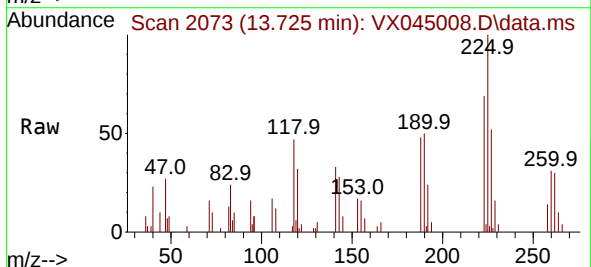
Manual Integrations
APPROVED

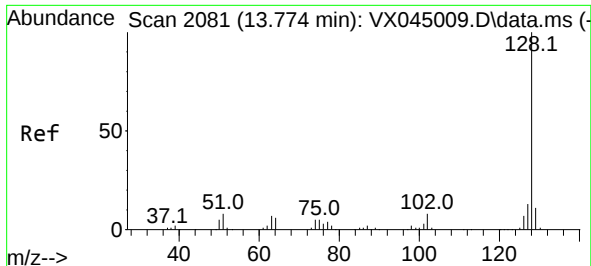
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#90
Hexachlorobutadiene
Concen: 5.091 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

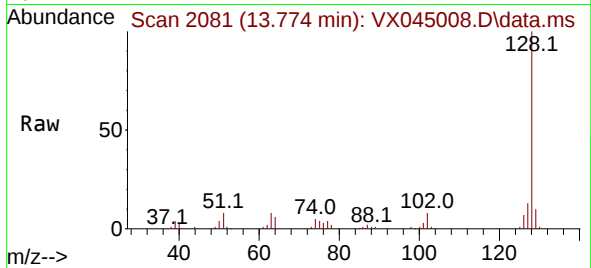
Tgt Ion:225 Resp: 3570
Ion Ratio Lower Upper
225 100
223 64.8 0.0 123.4
227 60.6 0.0 127.4





#91
Naphthalene
Concen: 4.356 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

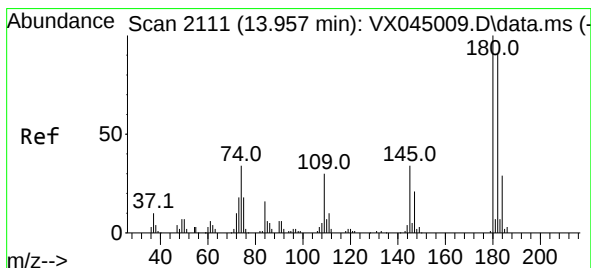
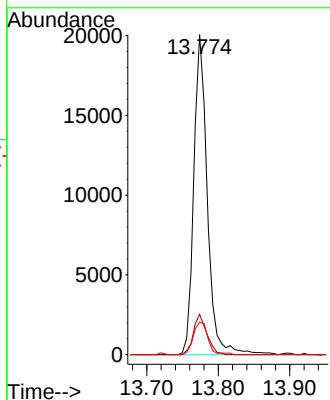
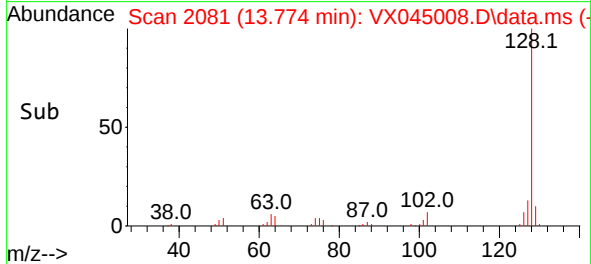
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:128 Resp: 26410
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 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#92
1,2,3-Trichlorobenzene
Concen: 4.655 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045008.D
Acq: 21 Feb 2025 09:58

Tgt Ion:180 Resp: 8240
Ion Ratio Lower Upper
180 100
182 91.9 0.0 186.6
145 34.4 0.0 68.4

