

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022125\
 Data File : VX045009.D
 Acq On : 21 Feb 2025 10:21
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

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

Quant Time: Feb 22 00:47:11 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	18456	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	100876	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	91818	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	53173	29.663	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.867%		
60) 4-Bromofluorobenzene	11.079	95	51382	29.939	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.800%		
63) Toluene-d8	8.641	98	153274	30.175	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.567%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	30488	19.596	ug/l	100
3) Chloromethane	1.295	50	36739	19.715	ug/l	100
4) Vinyl Chloride	1.374	62	34827	19.369	ug/l	100
5) Bromomethane	1.593	94	12009	19.186	ug/l	100
6) Chloroethane	1.666	64	20465	21.014	ug/l	100
7) Trichlorofluoromethane	1.874	101	45678	18.901	ug/l	100
8) Diethyl Ether	2.130	74	17586	19.233	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	26971	18.790	ug/l	100
10) 1,1-Dichloroethene	2.313	96	26361	18.802	ug/l	100
11) Methyl Iodide	2.447	142	26786	16.880	ug/l	100
12) Methyl Acetate	2.697	43	30401	18.673	ug/l	100
13) Acrolein	2.233	56	29114	89.216	ug/l	100
14) Acrylonitrile	3.056	53	76500	96.198	ug/l	100
15) Acetone	2.380	58	21647	99.253	ug/l	100
16) Carbon Disulfide	2.502	76	73699	18.532	ug/l	100
17) Allyl chloride	2.660	41	48603	18.535	ug/l	100
18) Methylene Chloride	2.782	84	30537	19.365	ug/l	100
19) trans-1,2-Dichloroethene	3.081	96	26955	19.003	ug/l	100
20) Diisopropyl ether	3.751	45	95769	19.005	ug/l	100
21) 1,1-Dichloroethane	3.605	63	53432	19.066	ug/l	100
22) cis-1,2-Dichloroethene	4.483	96	32387	19.054	ug/l	100
23) tert-Butyl Alcohol	2.983	59	26136	94.028	ug/l #	100
24) Methyl tert-Butyl Ether	3.105	73	86386	18.878	ug/l	100
25) Chloroform	5.087	83	52389	19.354	ug/l	100
26) Cyclohexane	5.465	56	49670	19.201	ug/l #	100
29) 1,1-Dichloropropene	5.690	75	36104	19.456	ug/l	100
30) 2-Butanone	4.550	43	104263	97.278	ug/l	100
31) 2,2-Dichloropropane	4.465	77	39511	18.830	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	43317	19.266	ug/l	100
33) Carbon Tetrachloride	5.666	117	36851	19.421	ug/l	100
34) Benzene	6.032	78	114107	19.609	ug/l	100
35) Methacrylonitrile	4.910	41	22376	19.509	ug/l	100
36) 1,2-Dichloroethane	6.080	62	39058	19.604	ug/l	100
37) Trichloroethene	7.117	130	26892	19.753	ug/l	100
38) Methylcyclohexane	7.373	83	47088	18.899	ug/l	100
39) 1,2-Dichloropropane	7.428	63	28555	19.738	ug/l	100
40) Dibromomethane	7.580	93	20254	19.509	ug/l	100
41) Bromodichloromethane	7.818	83	39895	19.335	ug/l	100
42) Vinyl Acetate	3.715	43	400180	96.216	ug/l	100

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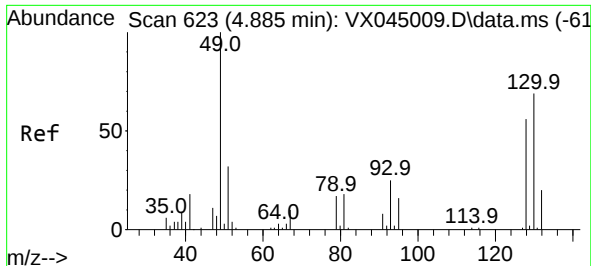
Manual Integrations
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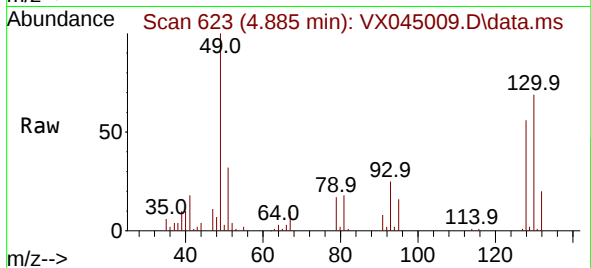
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.709	43	38893	19.350	ug/l	100
44) Isopropyl Acetate	6.336	43	61693	18.649	ug/l	100
45) 1,4-Dioxane	7.659	88	14028	407.910	ug/l	100
46) Methyl methacrylate	7.690	41	30666	18.904	ug/l	100
47) n-amyl Acetate	10.842	43	54008	18.814	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	35645	17.922	ug/l	100
49) cis-1,3-Dichloropropene	8.360	75	42718	18.974	ug/l	100
50) 1,1,2-Trichloroethane	9.147	97	27147	20.047	ug/l	100
51) Ethyl methacrylate	9.110	69	39389	18.495	ug/l	100
52) 1,3-Dichloropropane	9.305	76	47373	19.965	ug/l	100
53) Dibromochloromethane	9.519	129	29289	19.556	ug/l	100
54) 1,2-Dibromoethane	9.604	107	26948	19.597	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	105624	96.576	ug/l	100
56) Bromoform	10.799	173	17331	18.467	ug/l	100
58) 4-Methyl-2-Pentanone	8.568	43	208023	99.596	ug/l	100
59) 2-Hexanone	9.427	43	149308	98.899	ug/l	100
61) Tetrachloroethene	9.269	164	22529	19.926	ug/l	100
62) Toluene	8.714	91	119473	19.642	ug/l	100
64) Chlorobenzene	10.073	112	74287	19.710	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	24135	19.406	ug/l	100
66) Ethyl Benzene	10.189	91	128535	19.302	ug/l	100
67) m/p-Xylenes	10.299	106	99887	40.260	ug/l	100
68) o-Xylene	10.640	106	48859	20.071	ug/l	100
69) Styrene	10.653	104	80660	19.839	ug/l	100
70) Isopropylbenzene	10.957	105	124935	19.888	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.207	83	40659	19.683	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	33046m	19.450	ug/l	
73) Bromobenzene	11.195	156	28601	19.777	ug/l	100
74) n-propylbenzene	11.299	91	146105	19.544	ug/l	100
75) 2-Chlorotoluene	11.360	91	89859	19.883	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	103532	19.977	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	9794	17.133	ug/l	100
78) 4-Chlorotoluene	11.451	91	99015	19.654	ug/l	100
79) tert-butylbenzene	11.713	119	104250	19.965	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	104388	20.108	ug/l	100
81) sec-Butylbenzene	11.884	105	129645	19.783	ug/l	100
82) p-Isopropyltoluene	12.006	119	104594	19.698	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	53471	19.873	ug/l	100
84) 1,4-Dichlorobenzene	12.037	146	52302	19.714	ug/l	100
85) n-Butylbenzene	12.329	91	92551	19.087	ug/l	100
86) Hexachloroethane	12.536	117	17240	18.410	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	53134	20.126	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.939	75	7393	18.485	ug/l	100
89) 1,2,4-Trichlorobenzene	13.585	180	30018	18.760	ug/l	100
90) Hexachlorobutadiene	13.725	225	12822	19.649	ug/l	100
91) Naphthalene	13.774	128	108844	19.291	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	32019	19.437	ug/l	100

(#) = 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: VX045009.D
Acq: 21 Feb 2025 10:21

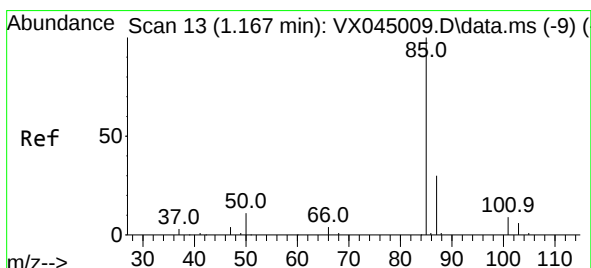
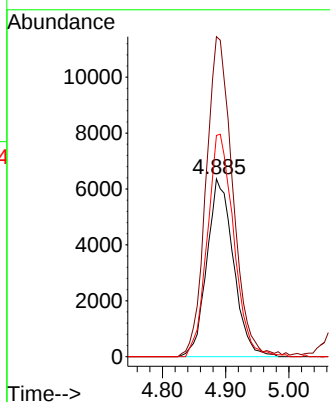
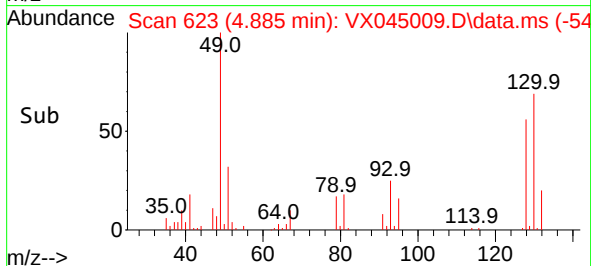
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:128 Resp: 18450
Ion Ratio Lower Upper
128 100
49 179.9 0.0 449.7
130 125.1 0.0 312.7

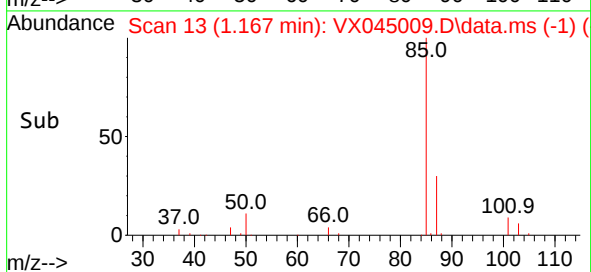
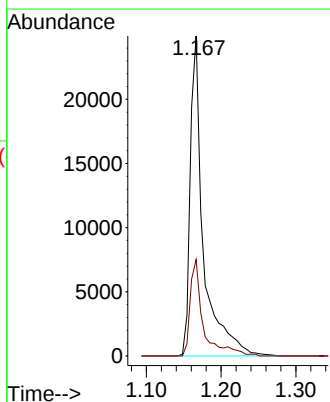
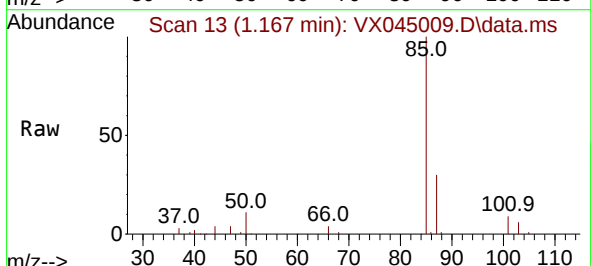
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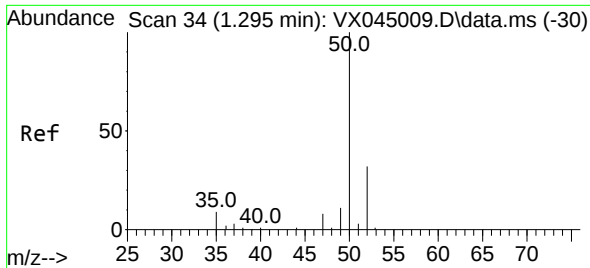
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#2
Dichlorodifluoromethane
Concen: 19.596 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

Tgt Ion: 85 Resp: 30488
Ion Ratio Lower Upper
85 100
87 30.2 15.1 45.3





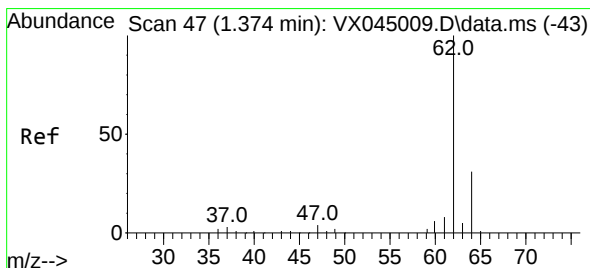
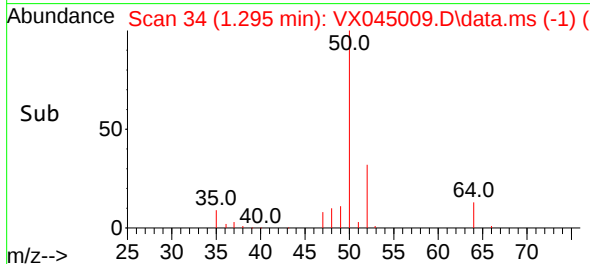
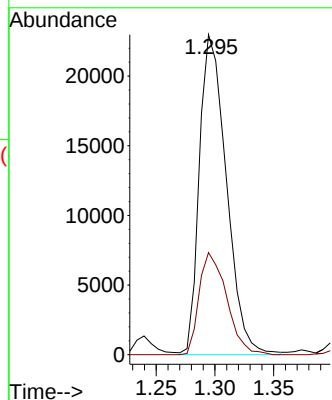
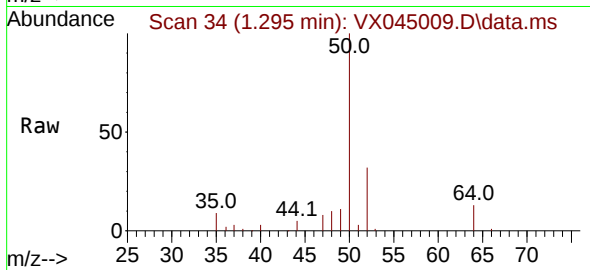
#3
Chloromethane
Concen: 19.715 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 50 Resp: 36739
Ion Ratio Lower Upper
50 100
52 32.1 25.7 38.5

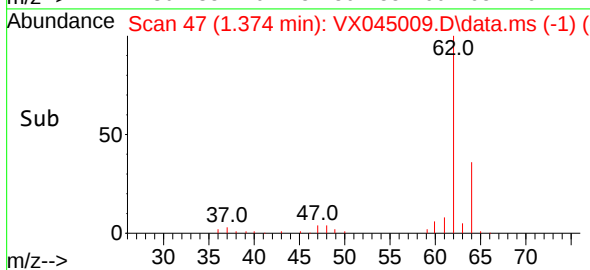
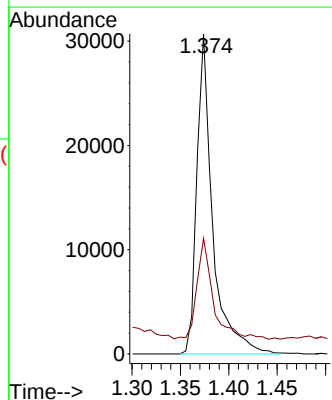
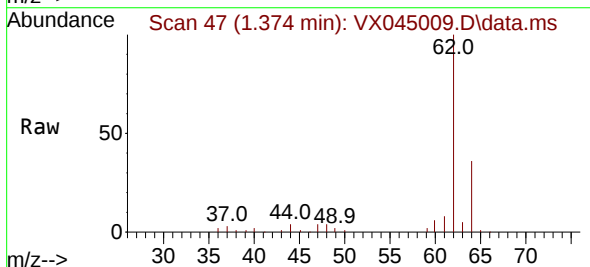
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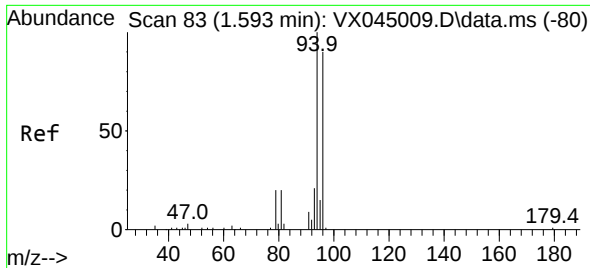
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#4
Vinyl Chloride
Concen: 19.369 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

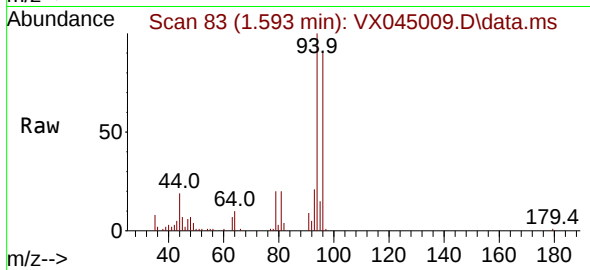
Tgt Ion: 62 Resp: 34827
Ion Ratio Lower Upper
62 100
64 31.4 25.1 37.7





#5
Bromomethane
Concen: 19.186 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

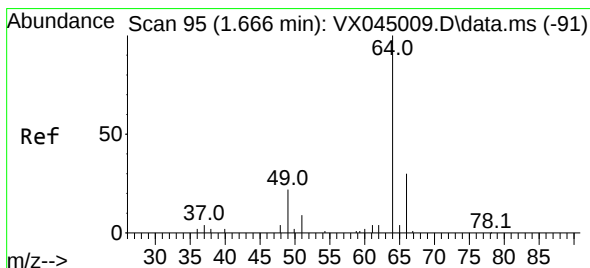
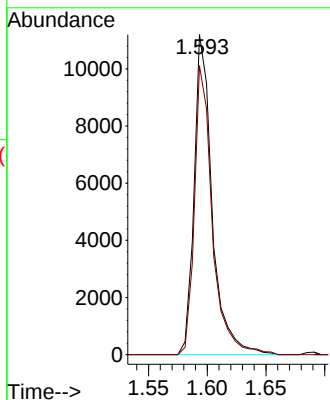
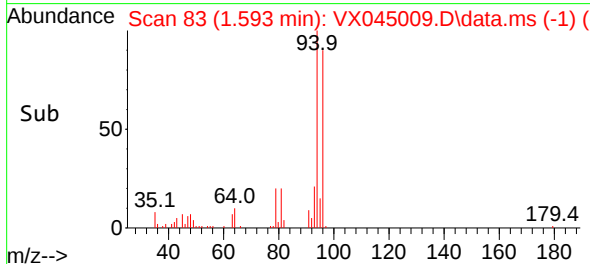
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 94 Resp: 12009
Ion Ratio Lower Upper
94 100
96 90.3 72.2 108.4

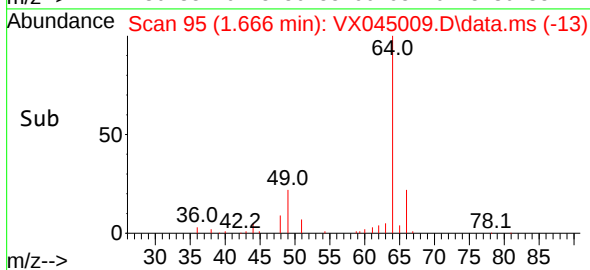
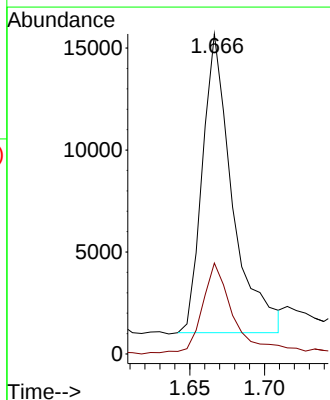
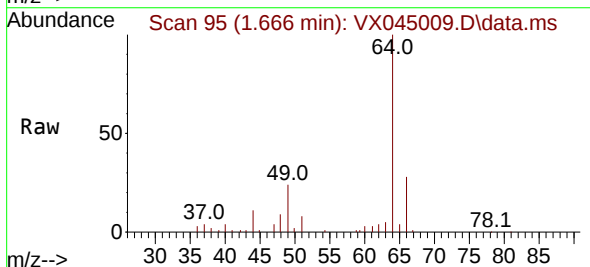
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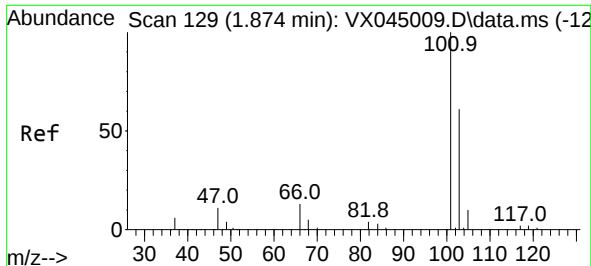
Reviewed By :John Carlone 02/24/2025
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#6
Chloroethane
Concen: 21.014 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

Tgt Ion: 64 Resp: 20465
Ion Ratio Lower Upper
64 100
66 29.6 23.7 35.5





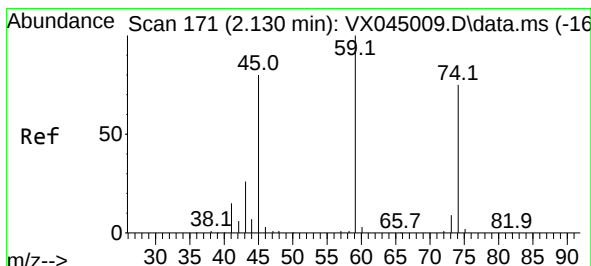
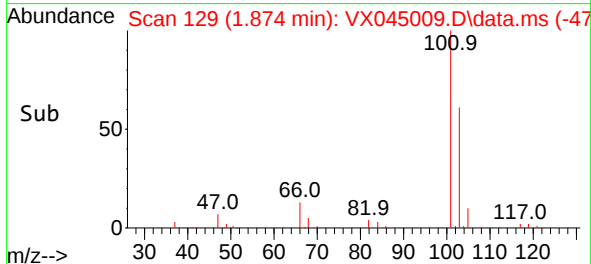
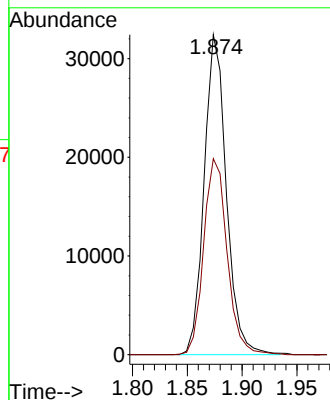
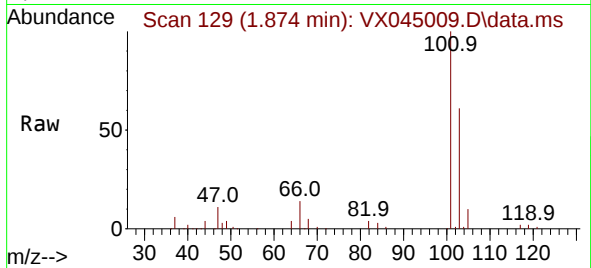
#7
Trichlorofluoromethane
Concen: 18.901 ug/l
RT: 1.874 min Scan# 129
Delta R.T. 0.000 min
Lab File: VX045009.D
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Instrument :
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Tgt Ion:101 Resp: 45678
Ion Ratio Lower Upper
101 100
103 61.0 48.8 73.2

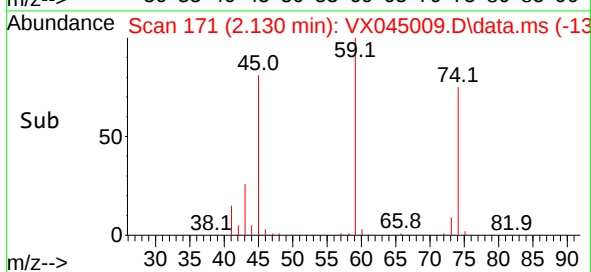
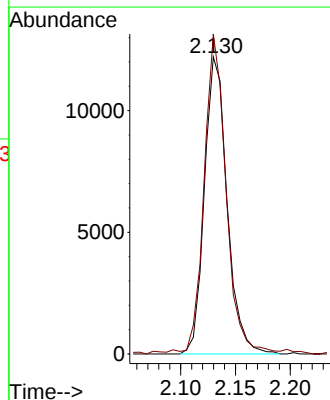
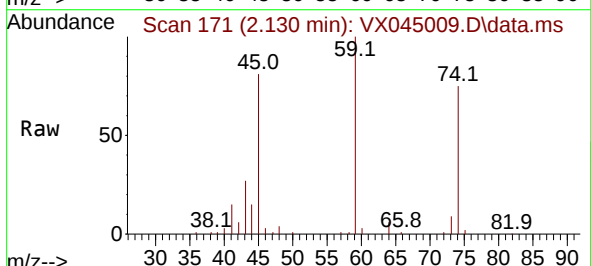
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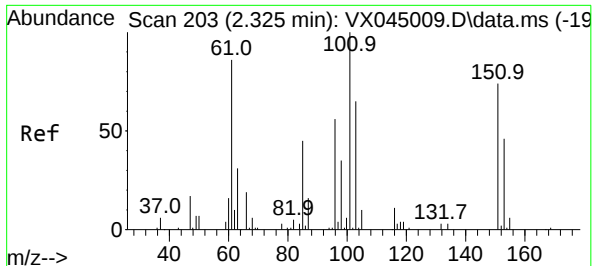
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#8
Diethyl Ether
Concen: 19.233 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

Tgt Ion: 74 Resp: 17586
Ion Ratio Lower Upper
74 100
45 103.8 20.8 186.8





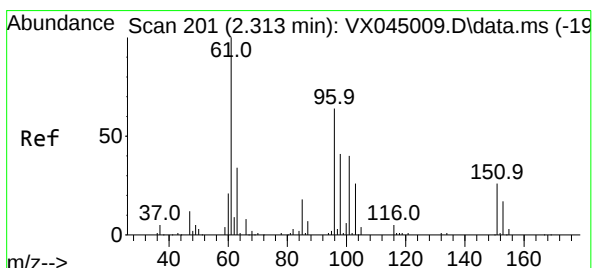
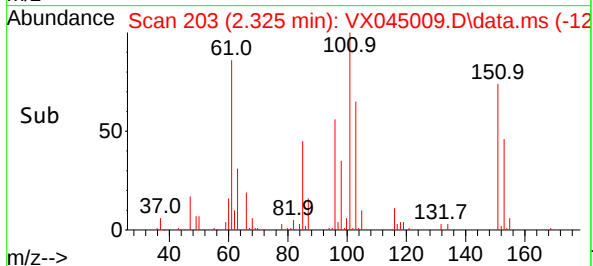
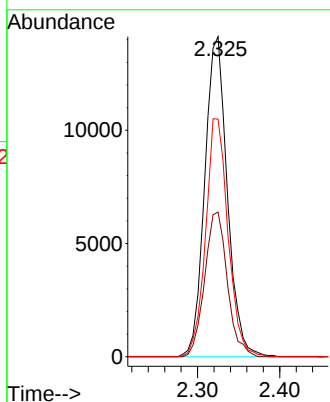
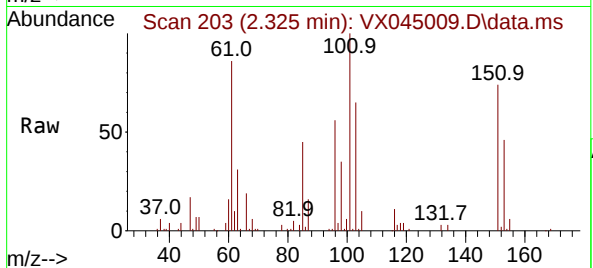
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.790 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:101 Resp: 2697
Ion Ratio Lower Upper
101 100
85 45.3 0.0 90.6
151 73.8 0.0 147.6

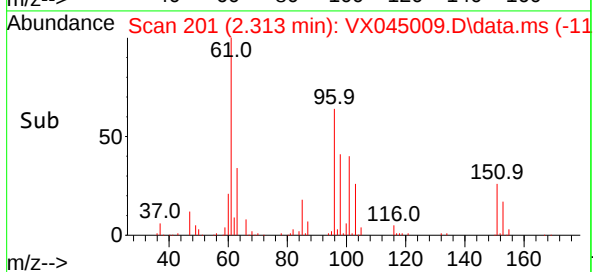
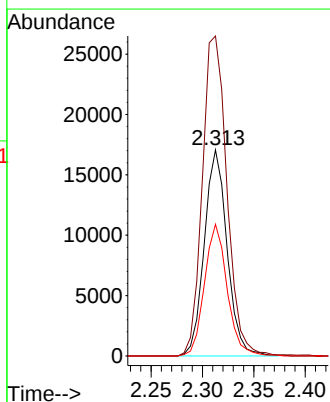
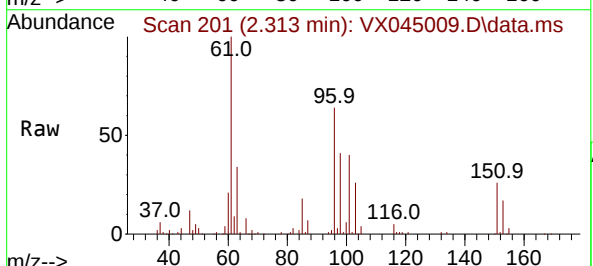
Manual Integrations
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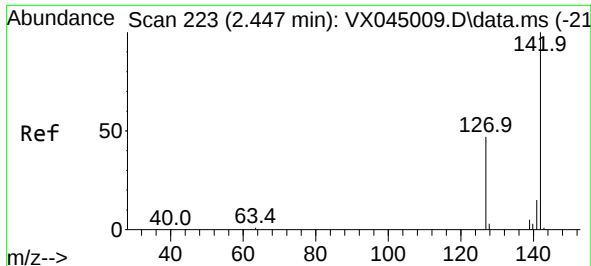
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#10
1,1-Dichloroethene
Concen: 18.802 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

Tgt Ion: 96 Resp: 26361
Ion Ratio Lower Upper
96 100
61 155.2 124.2 186.2
98 63.9 51.1 76.7





#11

Methyl Iodide

Concen: 16.880 ug/l

RT: 2.447 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX045009.D

Acq: 21 Feb 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

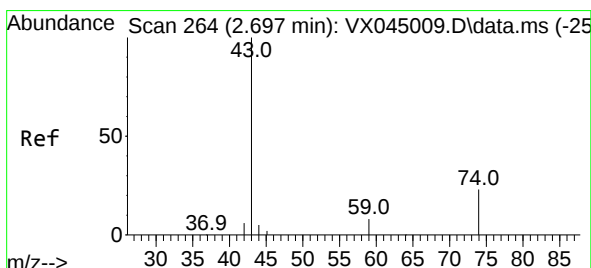
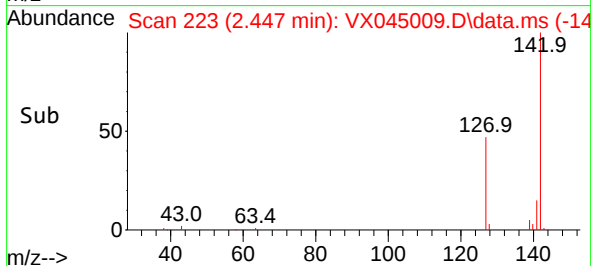
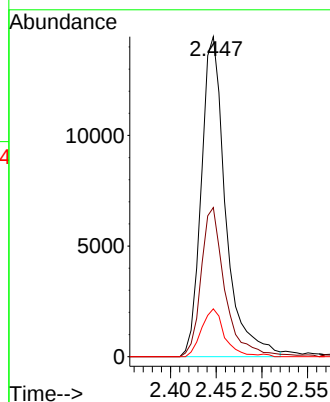
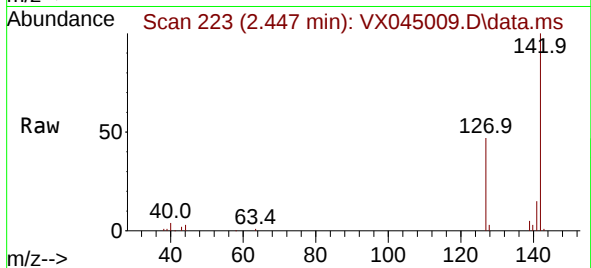
Tgt Ion:142	Resp:	26780
Ion Ratio	Lower	Upper
142	100	
127	46.6	23.3 69.9
141	15.1	7.5 22.6

Manual Integrations

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Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#12

Methyl Acetate

Concen: 18.673 ug/l

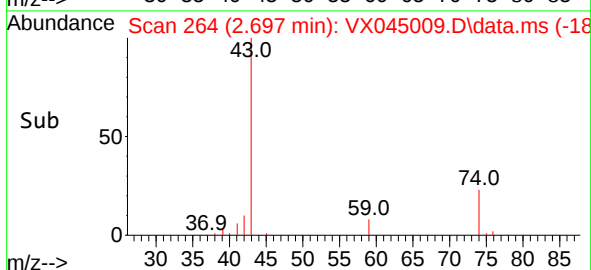
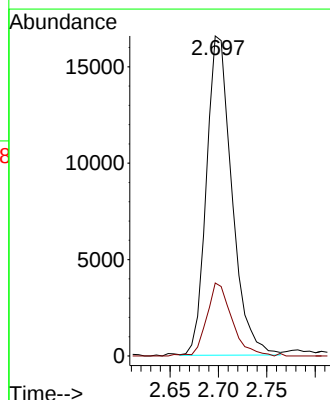
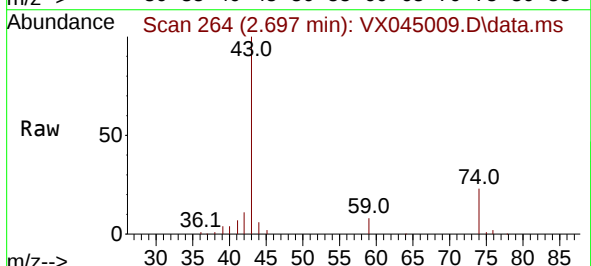
RT: 2.697 min Scan# 264

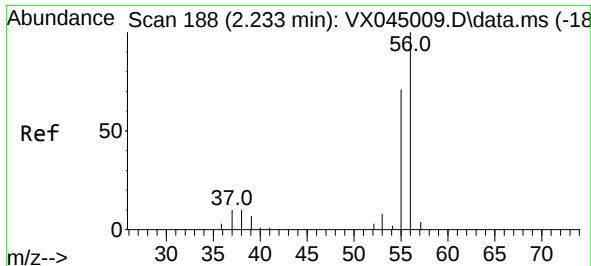
Delta R.T. 0.000 min

Lab File: VX045009.D

Acq: 21 Feb 2025 10:21

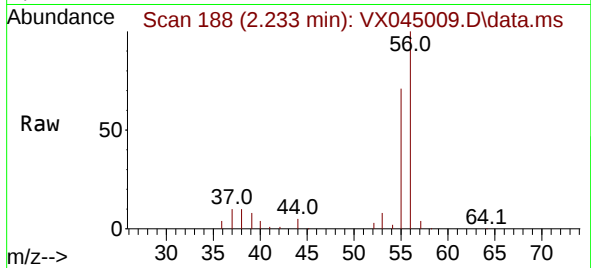
Tgt Ion: 43	Resp:	30401
Ion Ratio	Lower	Upper
43	100	
74	22.4	17.9 26.9





#13
Acrolein
Concen: 89.216 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

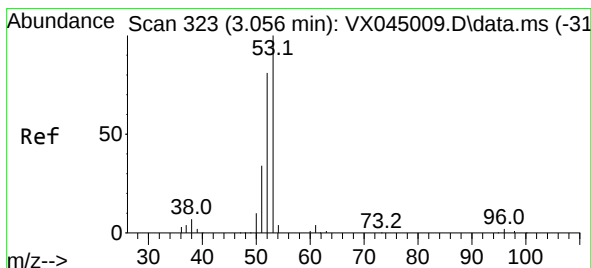
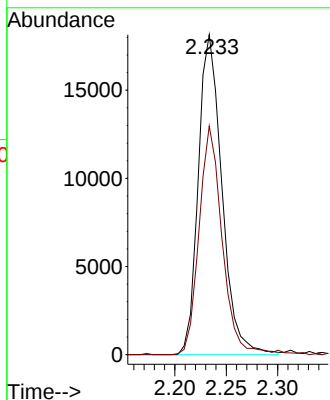
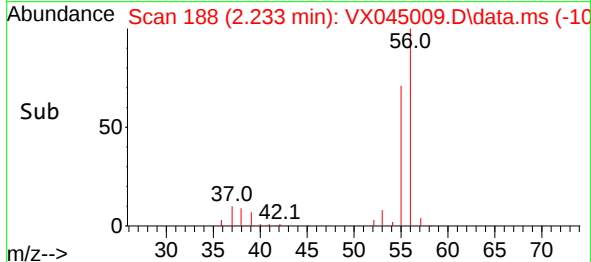
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



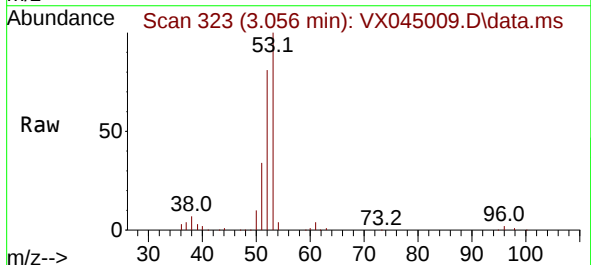
Tgt Ion: 56 Resp: 29114
Ion Ratio Lower Upper
56 100
55 69.3 55.4 83.2

Manual Integrations
APPROVED

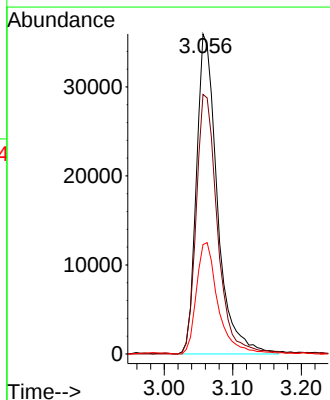
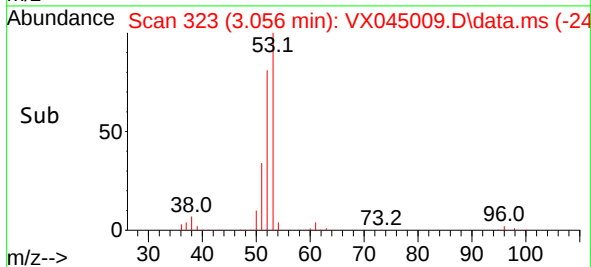
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

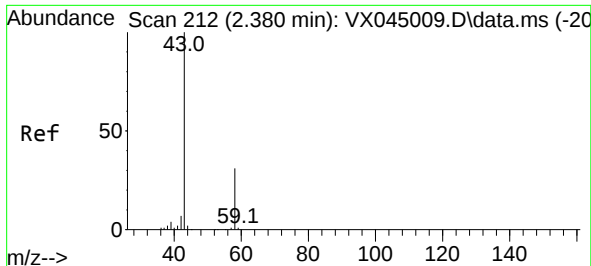


#14
Acrylonitrile
Concen: 96.198 ug/l
RT: 3.056 min Scan# 323
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21



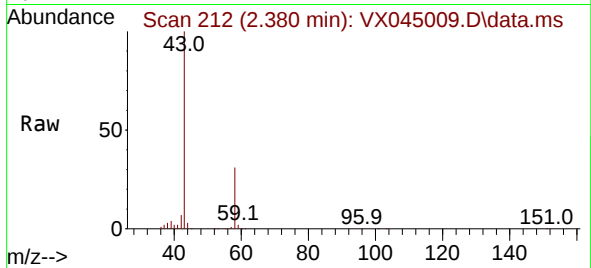
Tgt Ion: 53 Resp: 76500
Ion Ratio Lower Upper
53 100
52 81.9 40.9 122.8
51 36.0 18.0 54.0





#15
Acetone
Concen: 99.253 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

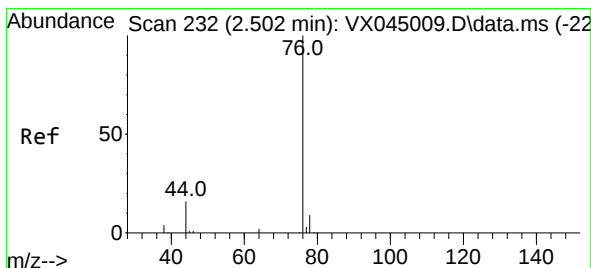
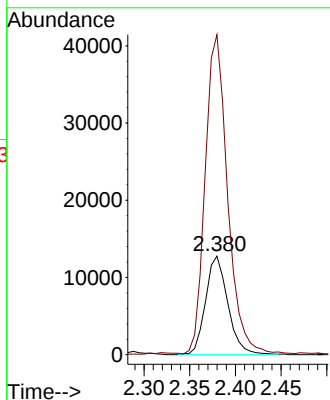
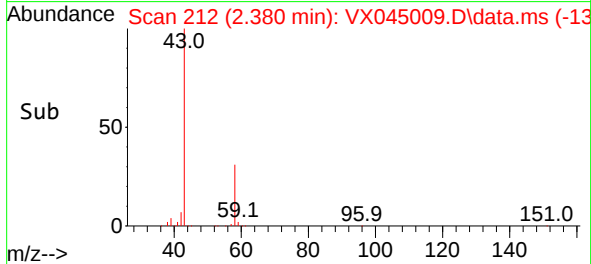
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 58 Resp: 2164
Ion Ratio Lower Upper
58 100
43 323.3 258.6 388.0

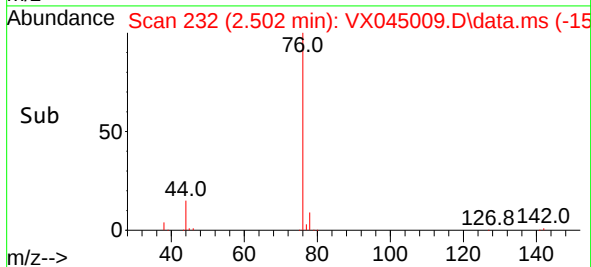
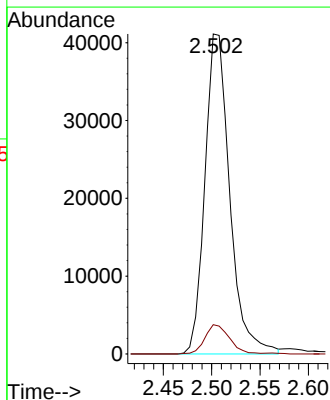
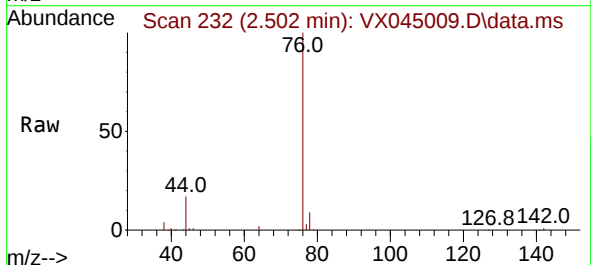
Manual Integrations
APPROVED

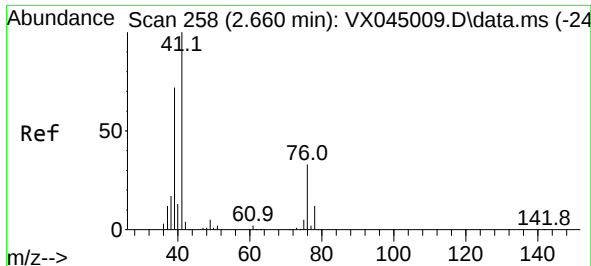
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#16
Carbon Disulfide
Concen: 18.532 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

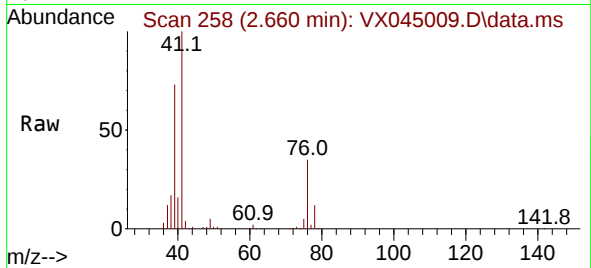
Tgt Ion: 76 Resp: 73699
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9





#17
 Allyl chloride
 Concen: 18.535 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. 0.000 min
 Lab File: VX045009.D
 Acq: 21 Feb 2025 10:21

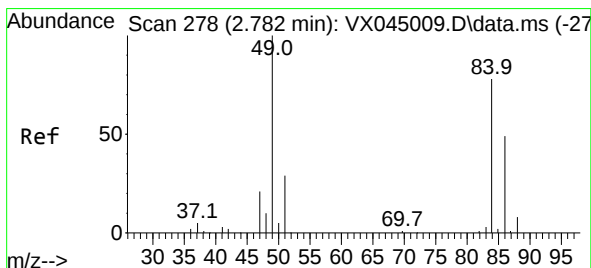
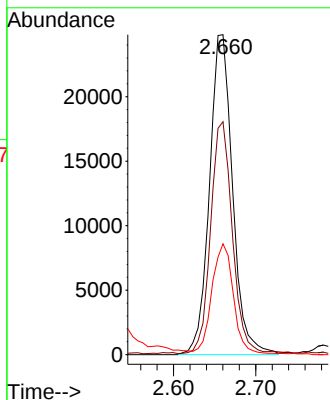
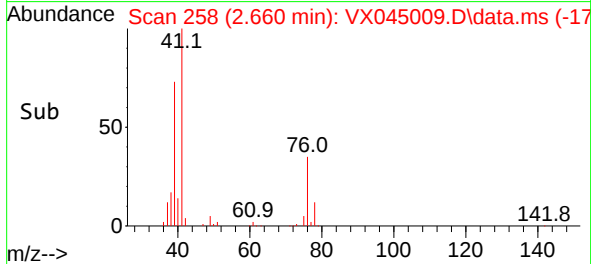
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020



Tgt Ion: 41 Resp: 4860
 Ion Ratio Lower Upper
 41 100
 39 72.4 36.2 108.6
 76 34.3 17.2 51.5

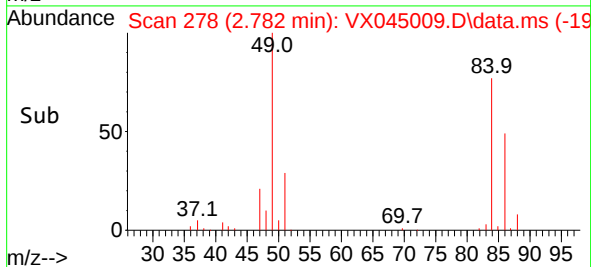
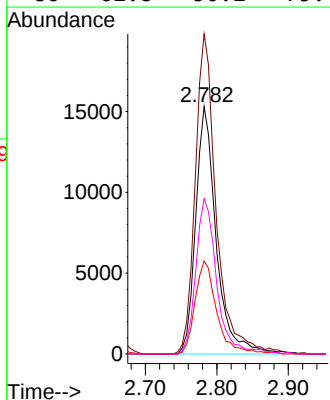
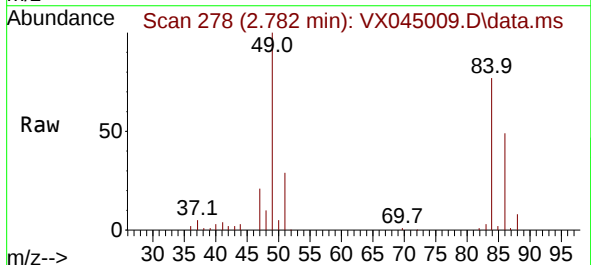
Manual Integrations
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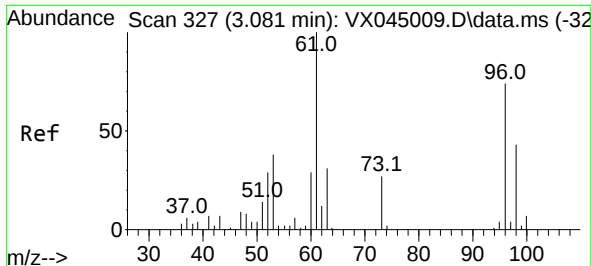
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025



#18
 Methylene Chloride
 Concen: 19.365 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. 0.000 min
 Lab File: VX045009.D
 Acq: 21 Feb 2025 10:21

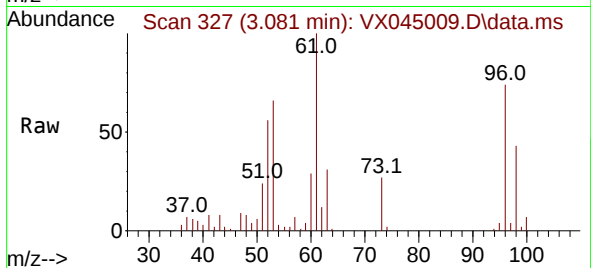
Tgt Ion: 84 Resp: 30537
 Ion Ratio Lower Upper
 84 100
 49 128.5 102.8 154.2
 51 37.6 30.1 45.1
 86 62.8 50.2 75.4





#19
trans-1,2-Dichloroethene
Concen: 19.003 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

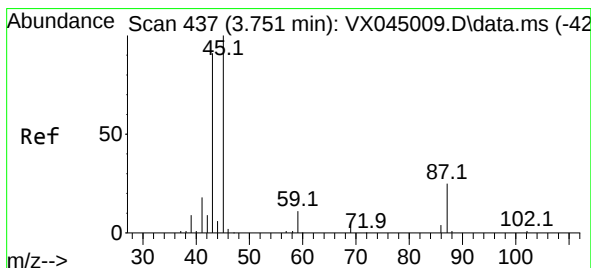
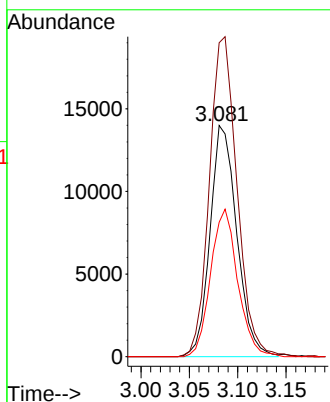
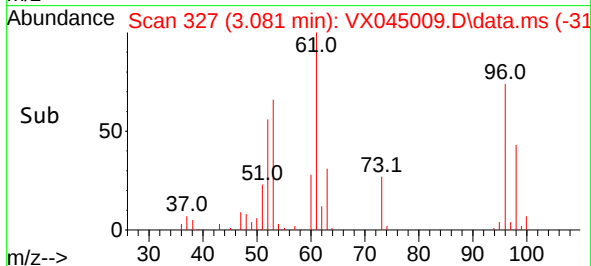
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 96 Resp: 2695
Ion Ratio Lower Upper
96 100
61 135.8 108.6 163.0
98 58.1 46.5 69.7

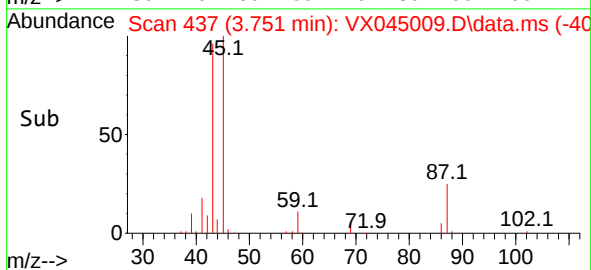
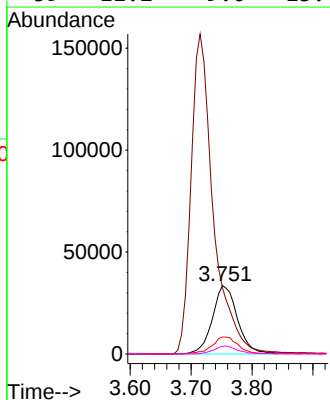
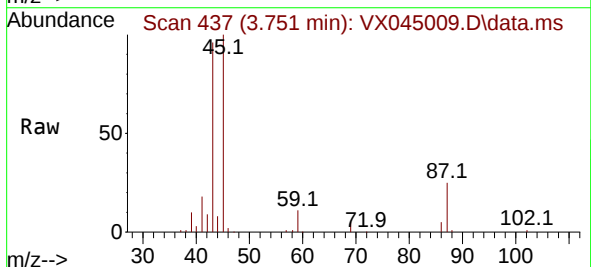
Manual Integrations
APPROVED

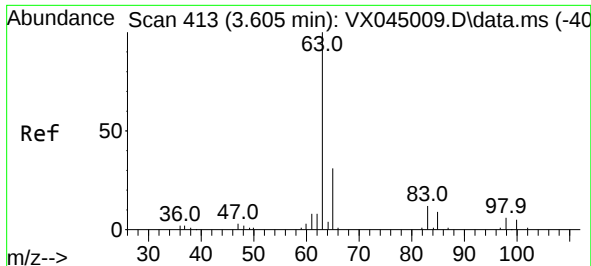
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#20
Diisopropyl ether
Concen: 19.005 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

Tgt Ion: 45 Resp: 95769
Ion Ratio Lower Upper
45 100
43 93.0 74.4 111.6
87 24.8 19.8 29.8
59 11.2 9.0 13.4





#21

1,1-Dichloroethane

Concen: 19.066 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX045009.D

Acq: 21 Feb 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

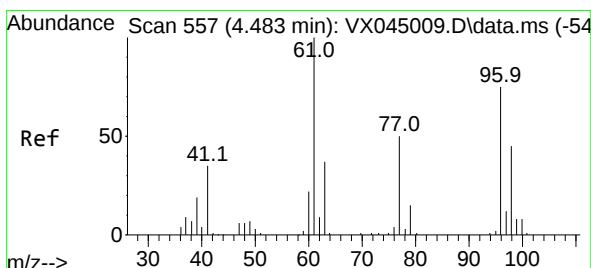
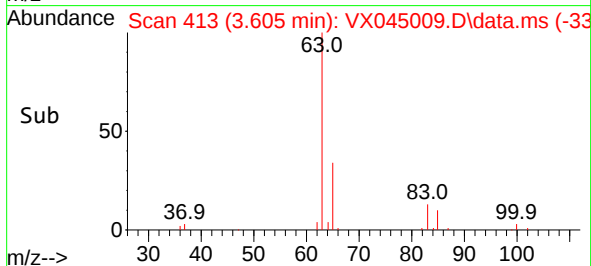
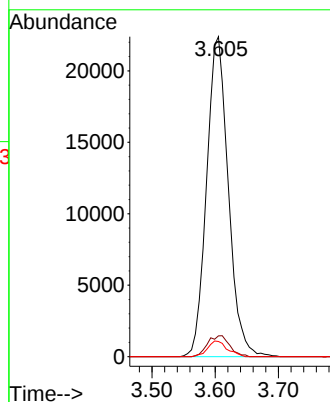
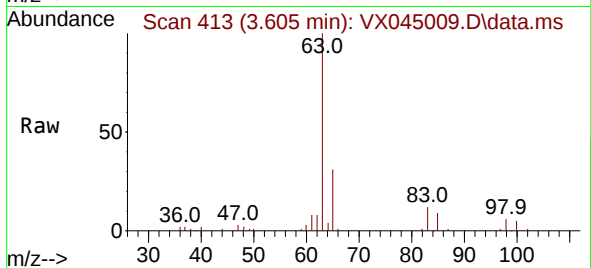
Tgt Ion:	63	Resp:	5343
Ion Ratio	Lower	Upper	
63	100		
98	6.5	3.3	9.8
100	4.7	2.4	7.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#22

cis-1,2-Dichloroethene

Concen: 19.054 ug/l

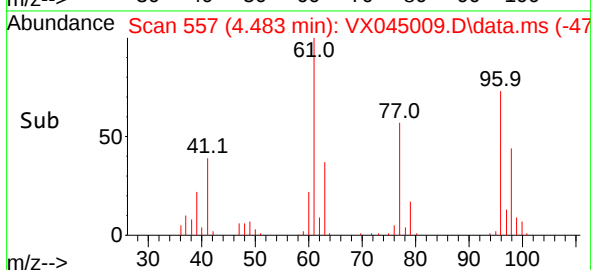
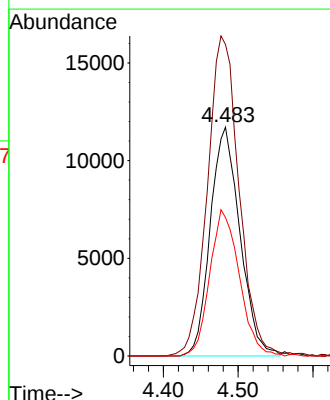
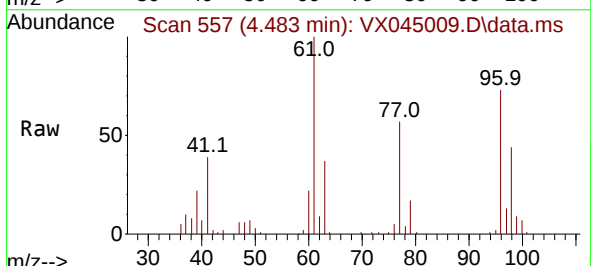
RT: 4.483 min Scan# 557

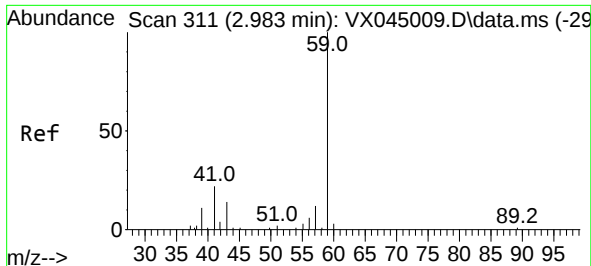
Delta R.T. 0.000 min

Lab File: VX045009.D

Acq: 21 Feb 2025 10:21

Tgt Ion:	96	Resp:	32387
Ion Ratio	Lower	Upper	
96	100		
61	148.6	118.9	178.3
98	63.4	50.7	76.1





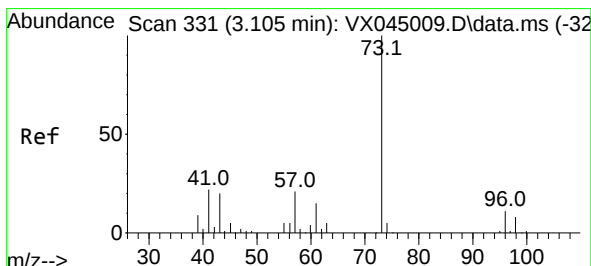
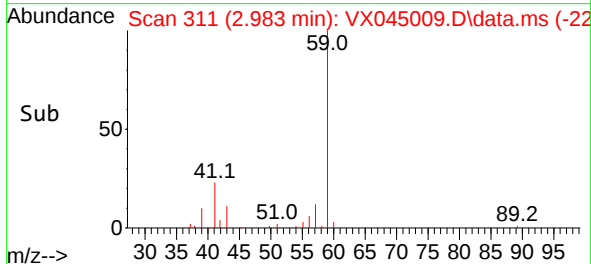
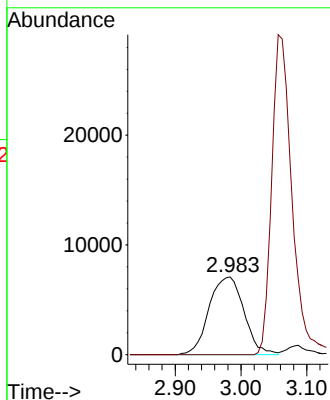
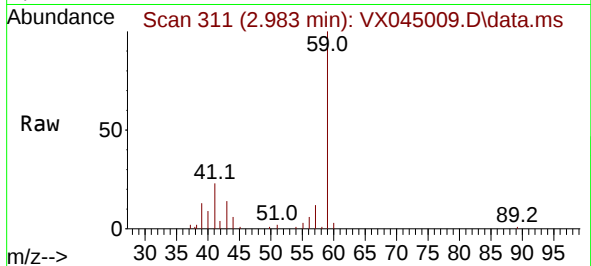
#23
tert-Butyl Alcohol
Concen: 94.028 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 59 Resp: 26130
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

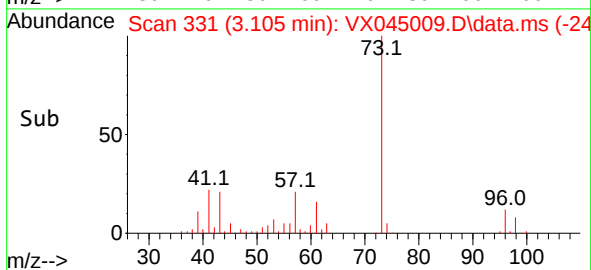
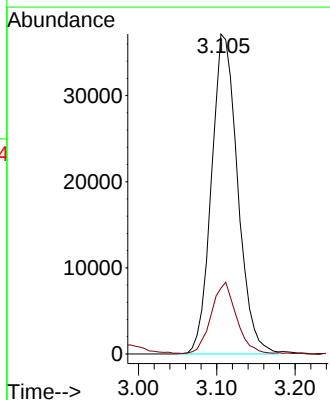
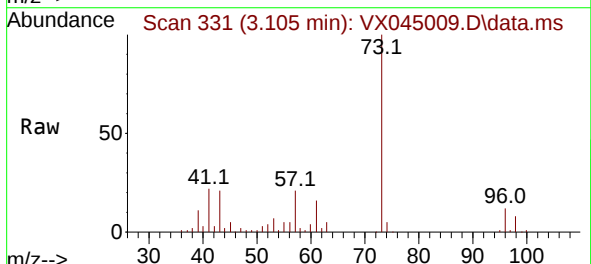
Manual Integrations
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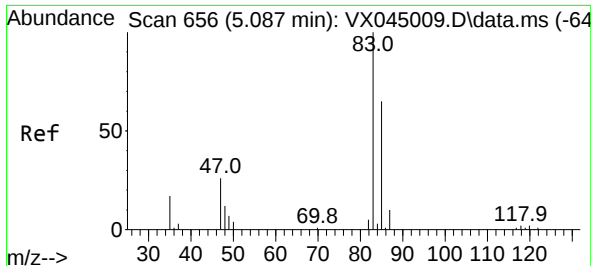
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#24
Methyl tert-Butyl Ether
Concen: 18.878 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

Tgt Ion: 73 Resp: 86386
Ion Ratio Lower Upper
73 100
43 21.7 17.4 26.0





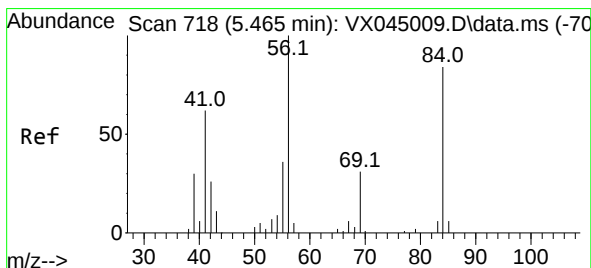
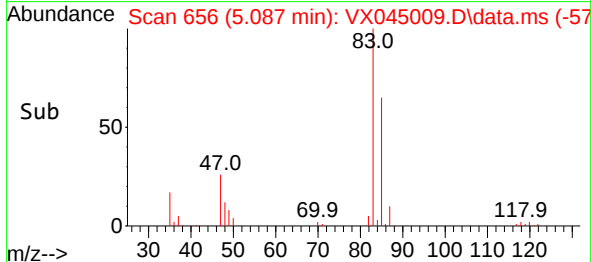
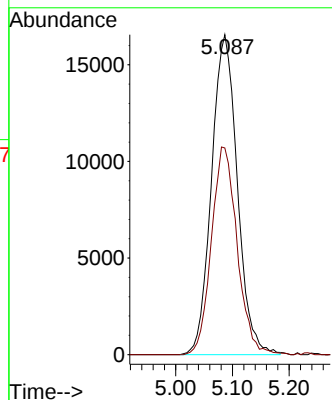
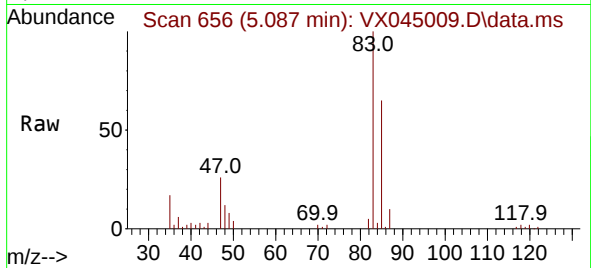
#25
Chloroform
Concen: 19.354 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 52389
Ion Ratio Lower Upper
83 100
85 64.6 51.7 77.5

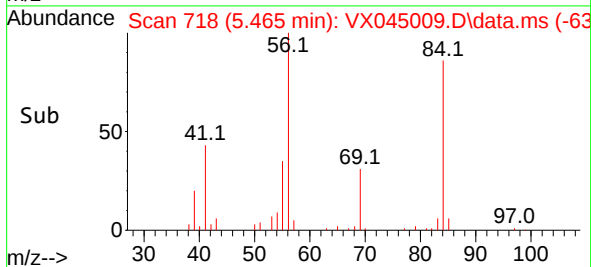
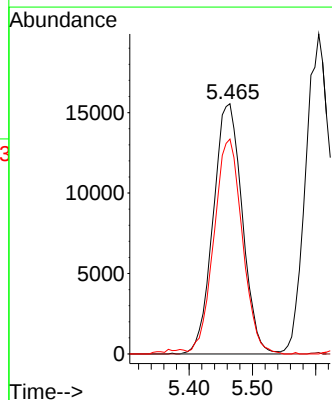
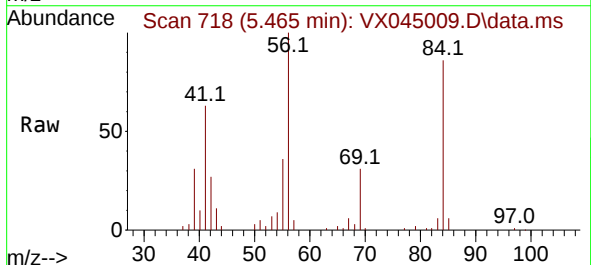
Manual Integrations
APPROVED

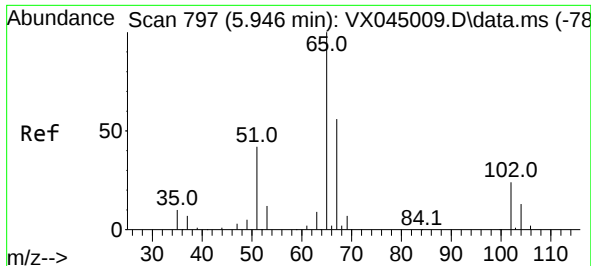
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#26
Cyclohexane
Concen: 19.201 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

Tgt Ion: 56 Resp: 49670
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 83.9 67.1 100.7





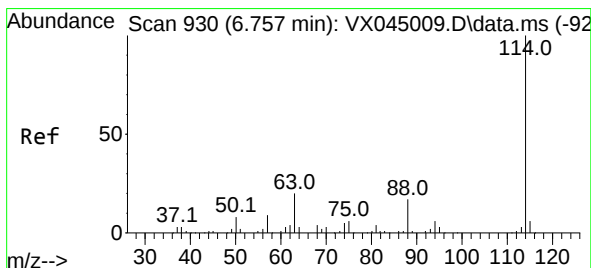
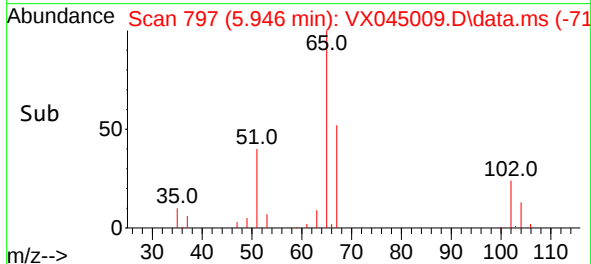
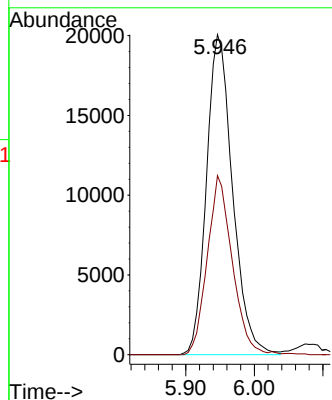
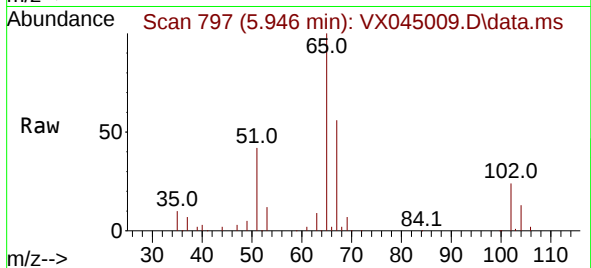
#27
1,2-Dichloroethane-d4
Concen: 29.663 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

Instrument :
MSVOA_X
Client Sample Id :
VSTDICCC020

Tgt Ion: 65 Resp: 5317
Ion Ratio Lower Upper
65 100
67 53.3 42.6 64.0

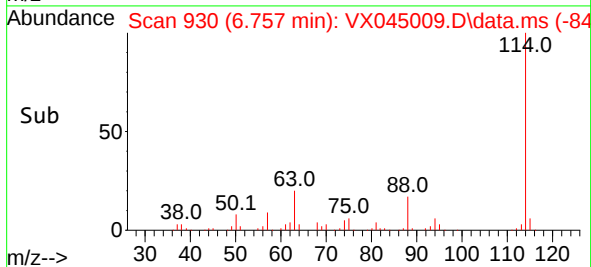
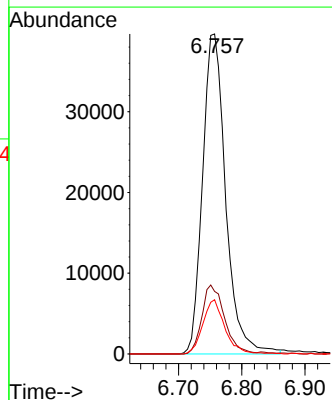
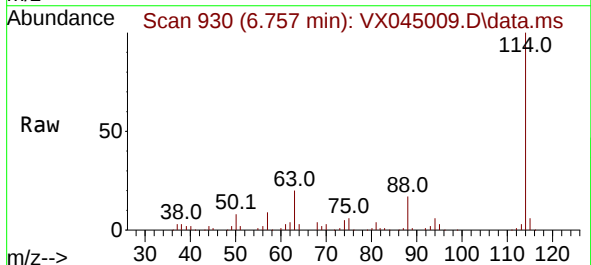
Manual Integrations
APPROVED

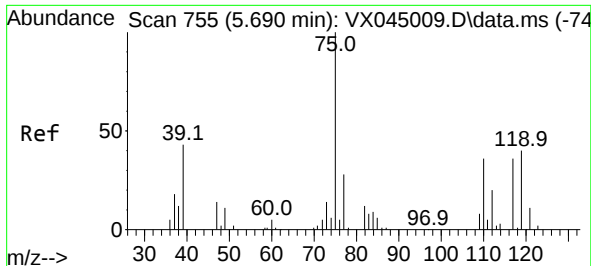
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

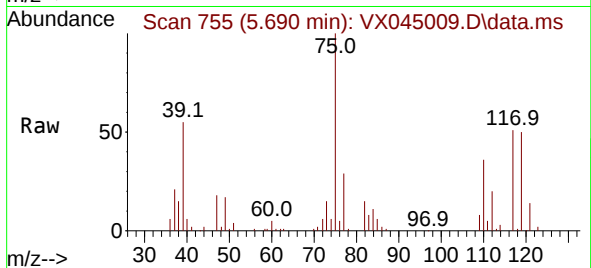
Tgt Ion:114 Resp: 100876
Ion Ratio Lower Upper
114 100
63 21.0 16.8 25.2
88 15.9 12.7 19.1





#29
1,1-Dichloropropene
Concen: 19.456 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

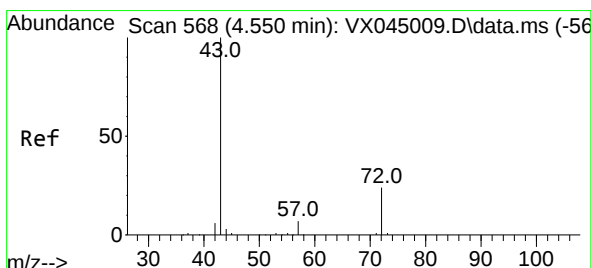
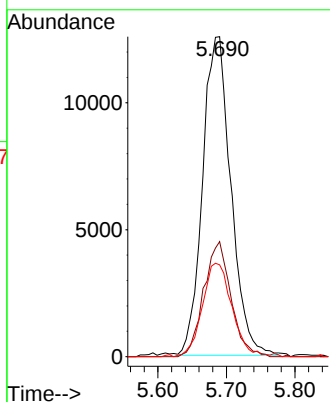
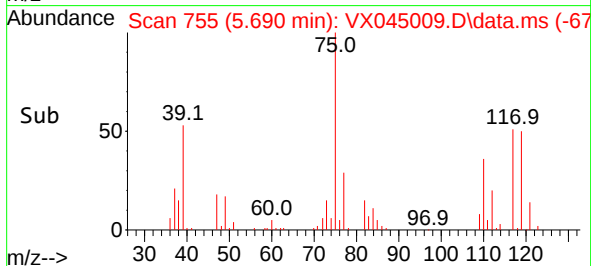
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 75 Resp: 36104
Ion Ratio Lower Upper
75 100
110 34.6 0.0 69.2
77 30.5 0.0 61.0

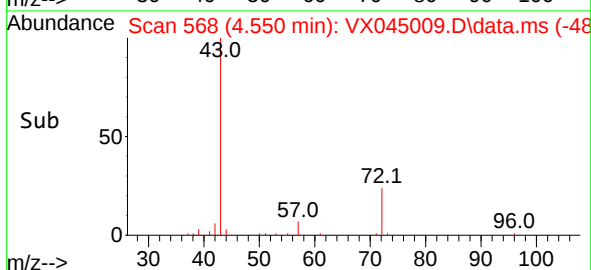
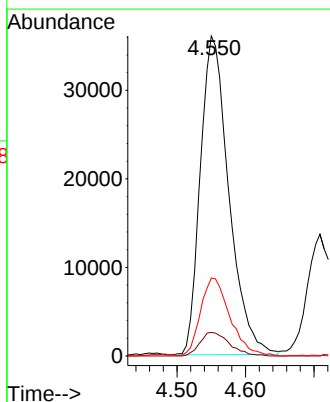
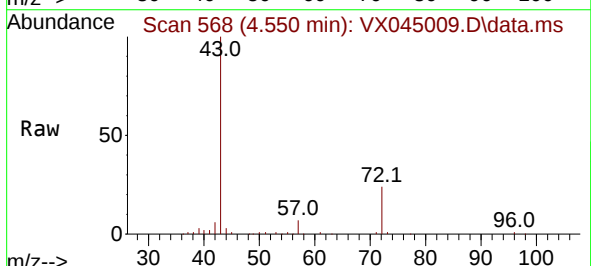
Manual Integrations
APPROVED

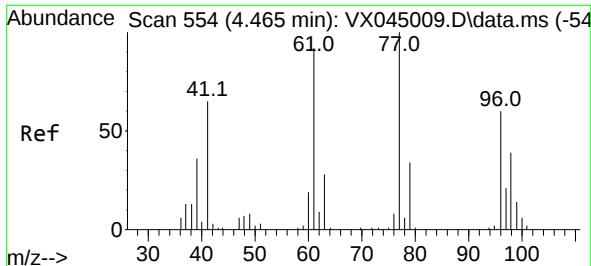
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#30
2-Butanone
Concen: 97.278 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

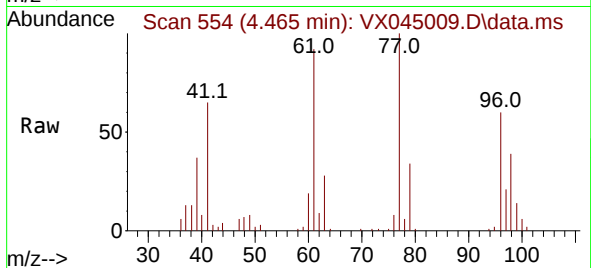
Tgt Ion: 43 Resp: 104263
Ion Ratio Lower Upper
43 100
57 7.7 6.2 9.2
72 25.2 20.2 30.2





#31
2,2-Dichloropropane
Concen: 18.830 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

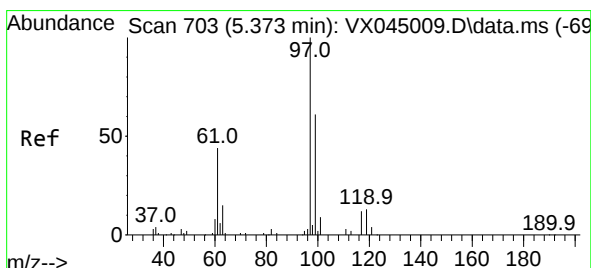
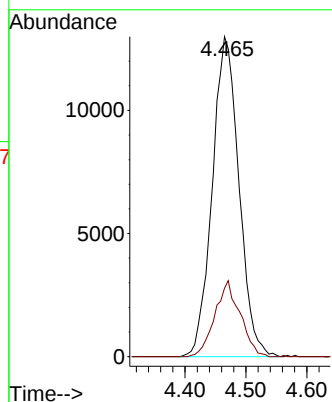
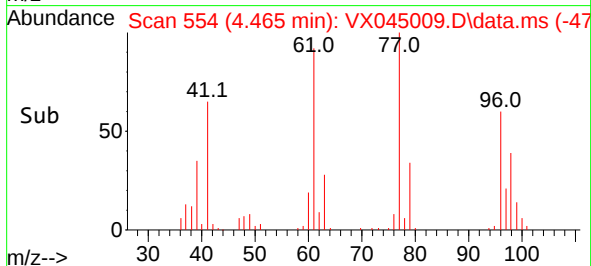
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



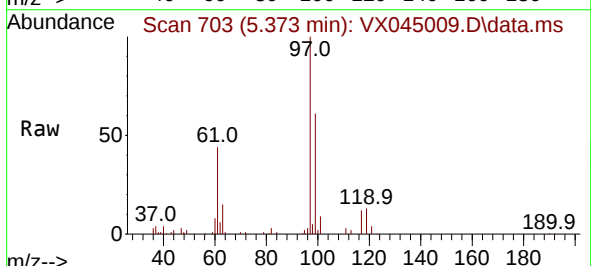
Tgt Ion: 77 Resp: 3951
Ion Ratio Lower Upper
77 100
97 22.5 18.0 27.0

Manual Integrations
APPROVED

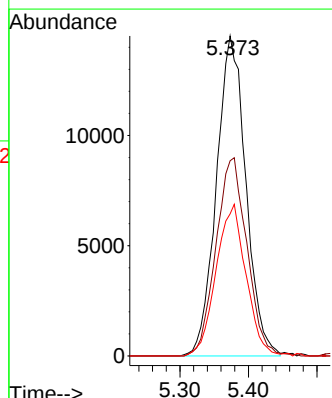
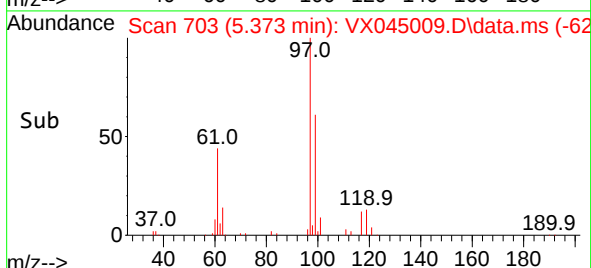
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

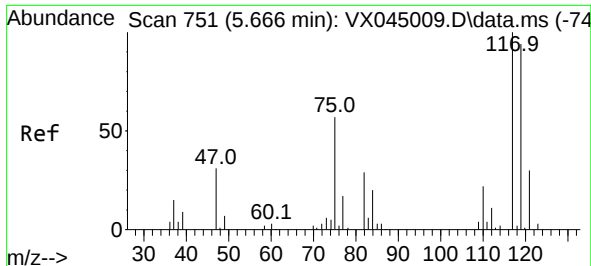


#32
1,1,1-Trichloroethane
Concen: 19.266 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21



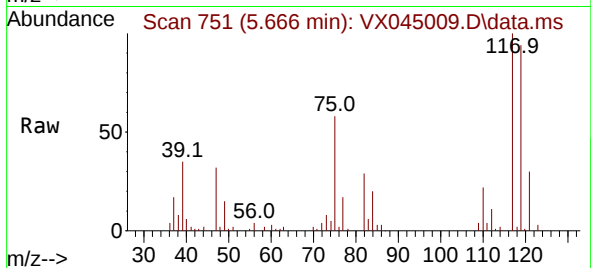
Tgt Ion: 97 Resp: 43317
Ion Ratio Lower Upper
97 100
99 65.2 52.2 78.2
61 48.1 38.5 57.7





#33
Carbon Tetrachloride
Concen: 19.421 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

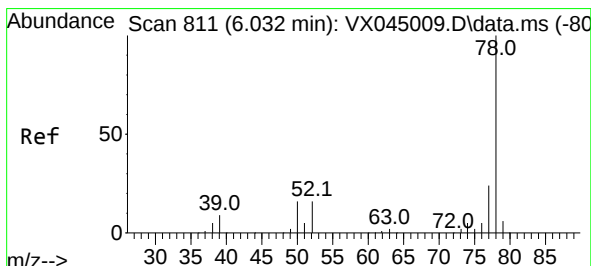
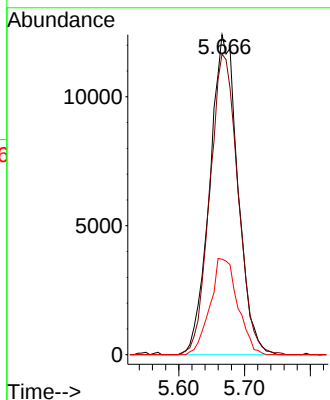
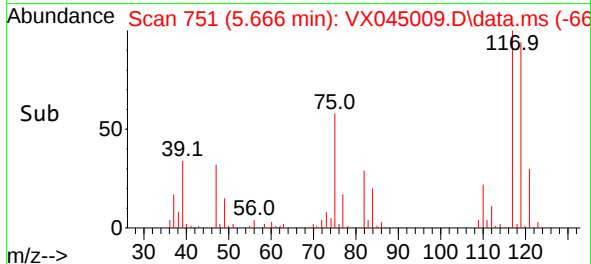
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



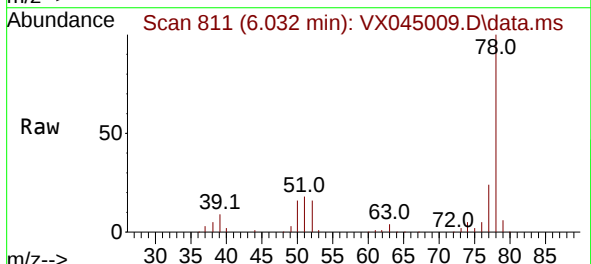
Tgt Ion:117 Resp: 3685
Ion Ratio Lower Upper
117 100
119 93.9 75.1 112.7
121 29.9 23.9 35.9

Manual Integrations
APPROVED

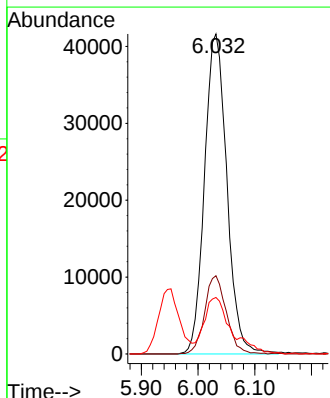
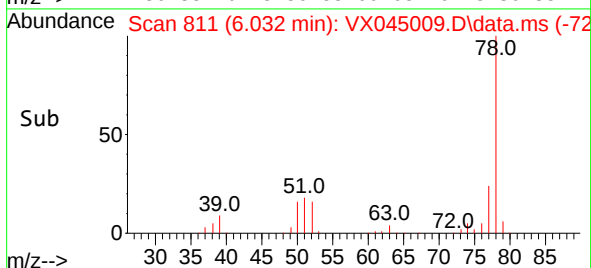
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

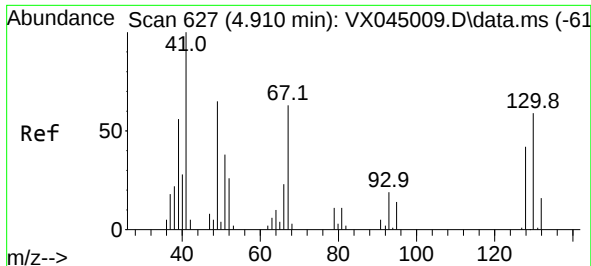


#34
Benzene
Concen: 19.609 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21



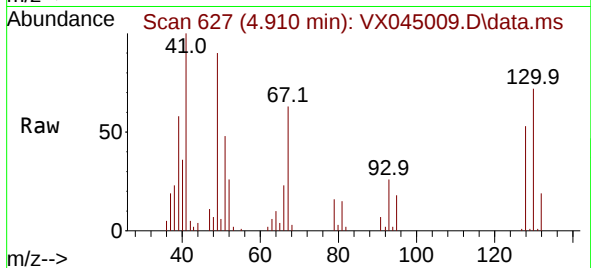
Tgt Ion: 78 Resp: 114107
Ion Ratio Lower Upper
78 100
77 24.5 19.6 29.4
51 17.2 13.8 20.6





#35
Methacrylonitrile
Concen: 19.509 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

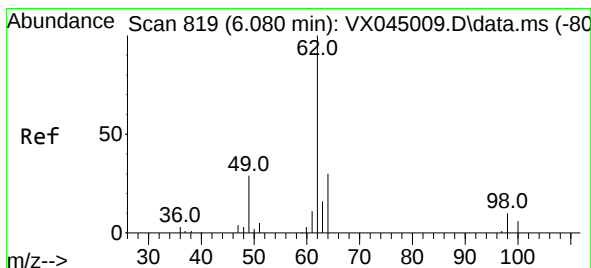
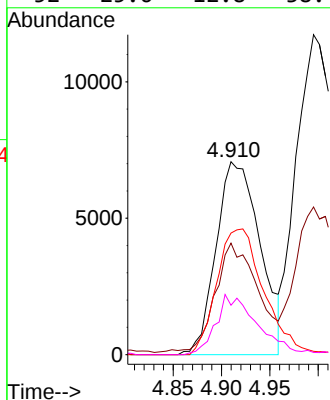
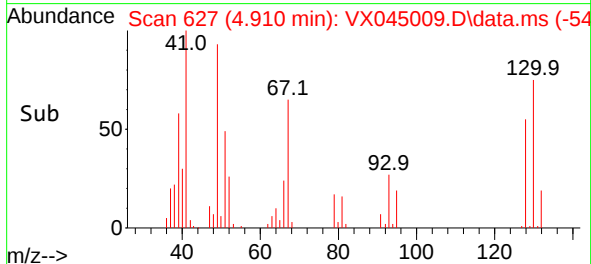
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 41 Resp: 22370
Ion Ratio Lower Upper
41 100
39 55.6 27.8 83.4
67 63.0 31.5 94.5
52 25.6 12.8 38.4

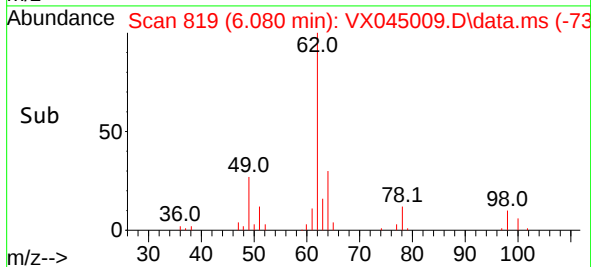
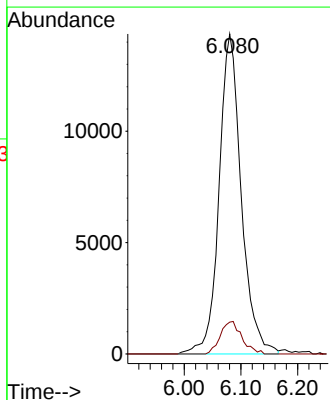
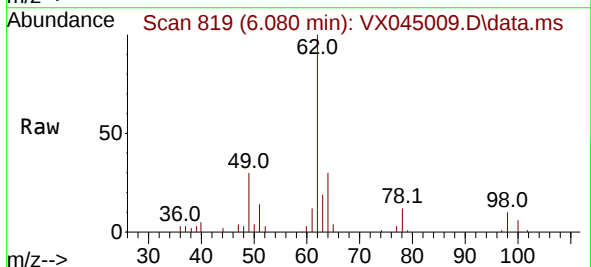
Manual Integrations
APPROVED

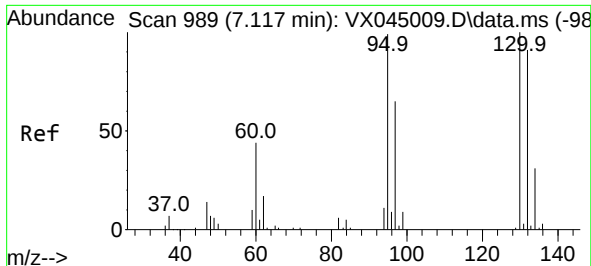
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#36
1,2-Dichloroethane
Concen: 19.604 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

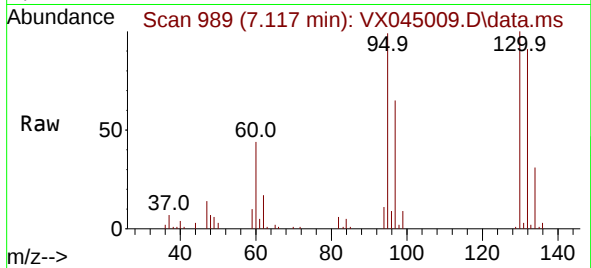
Tgt Ion: 62 Resp: 39058
Ion Ratio Lower Upper
62 100
98 9.9 7.9 11.9





#37
Trichloroethene
Concen: 19.753 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

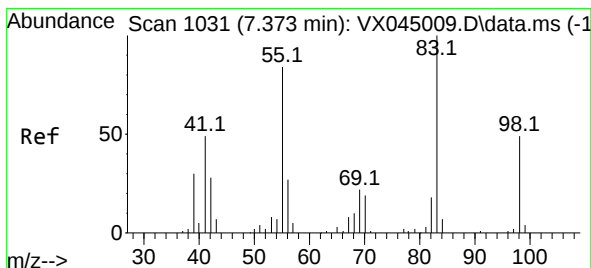
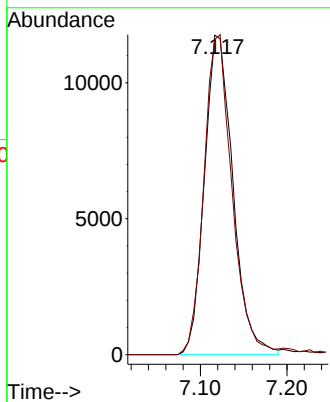
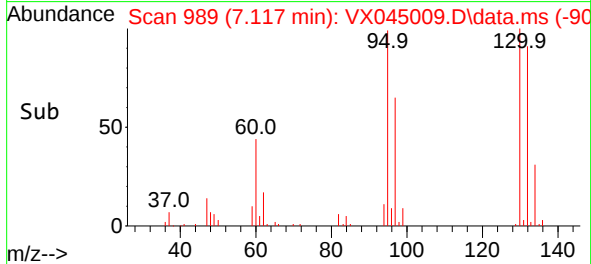
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:130 Resp: 26892
Ion Ratio Lower Upper
130 100
95 98.7 79.0 118.4

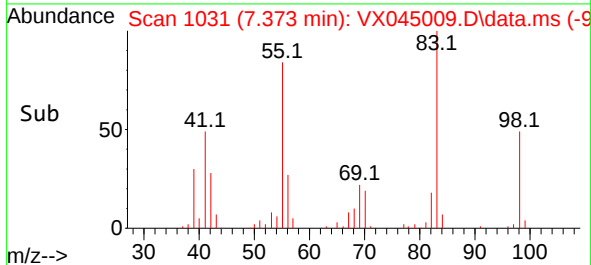
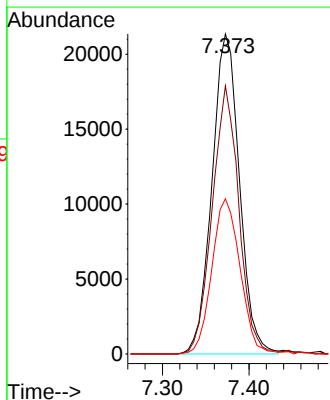
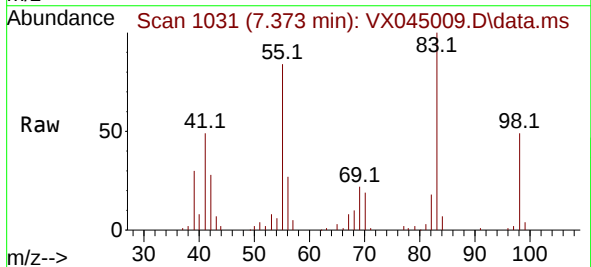
Manual Integrations
APPROVED

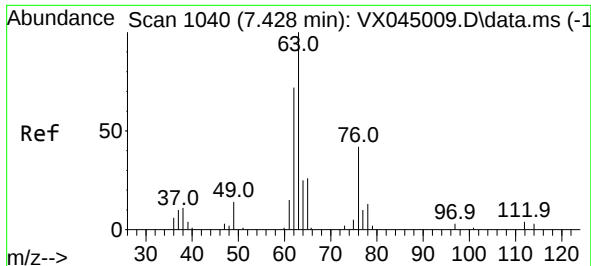
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#38
Methylcyclohexane
Concen: 18.899 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

Tgt Ion: 83 Resp: 47088
Ion Ratio Lower Upper
83 100
55 81.3 40.6 122.0
98 49.7 24.9 74.6





#39

1,2-Dichloropropane

Concen: 19.738 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX045009.D

Acq: 21 Feb 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 2855

Ion Ratio Lower Upper

63 100

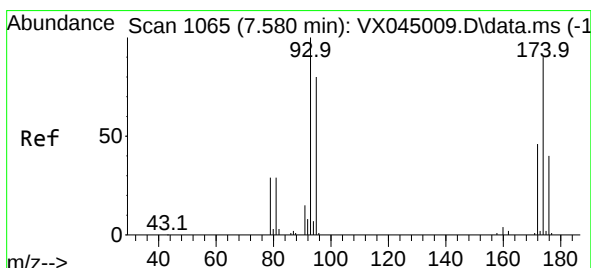
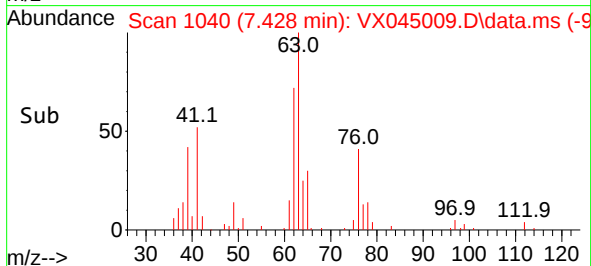
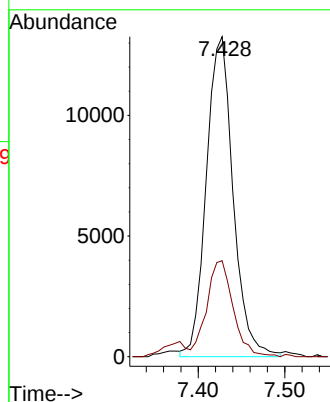
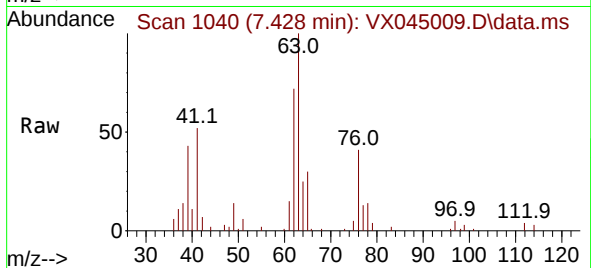
65 30.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#40

Dibromomethane

Concen: 19.509 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX045009.D

Acq: 21 Feb 2025 10:21

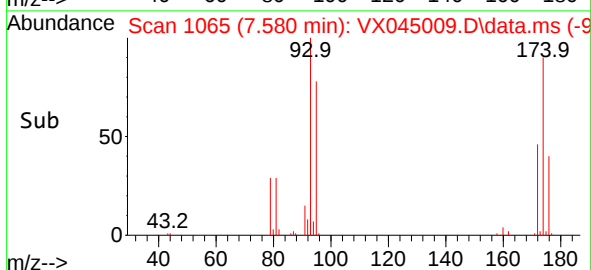
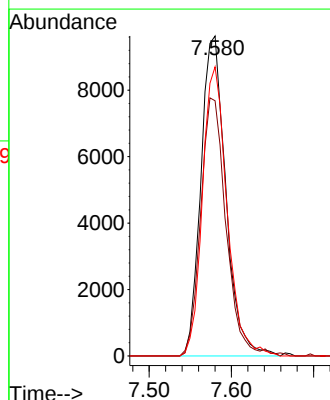
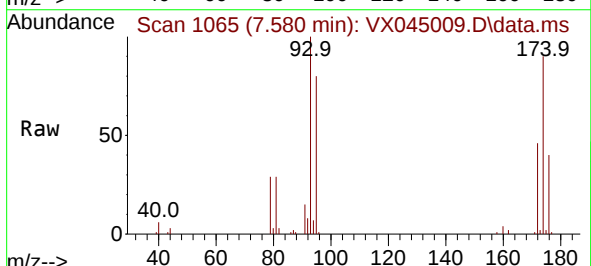
Tgt Ion: 93 Resp: 20254

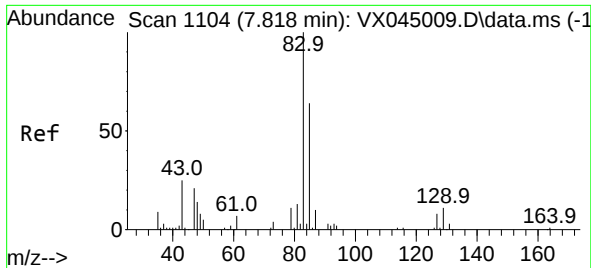
Ion Ratio Lower Upper

93 100

95 81.3 0.0 162.6

174 89.4 0.0 178.8





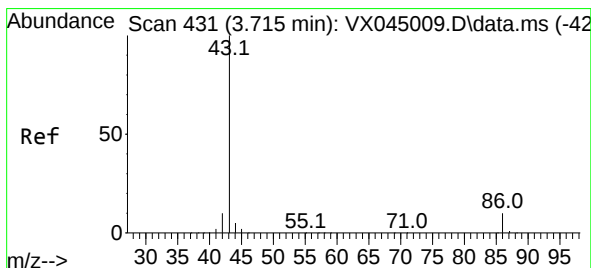
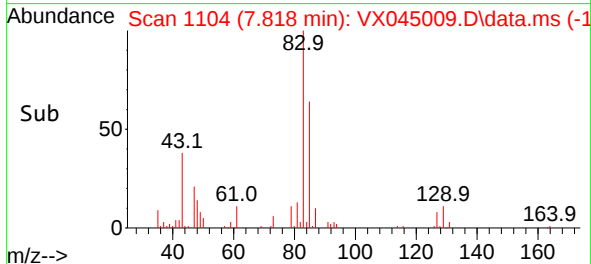
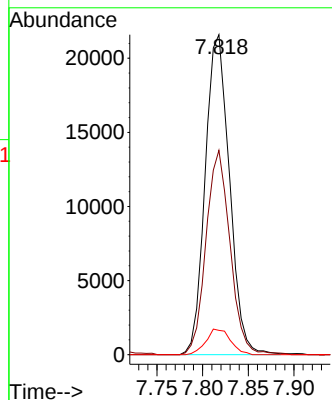
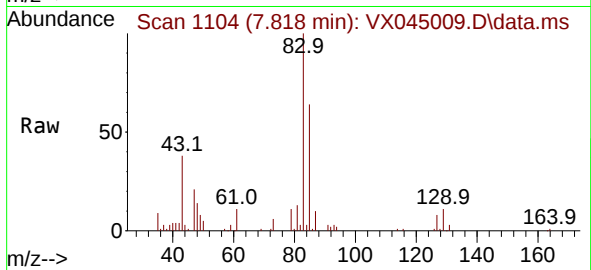
#41
Bromodichloromethane
Concen: 19.335 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 3989
Ion Ratio Lower Upper
83 100
85 63.8 51.0 76.6
127 7.6 6.1 9.1

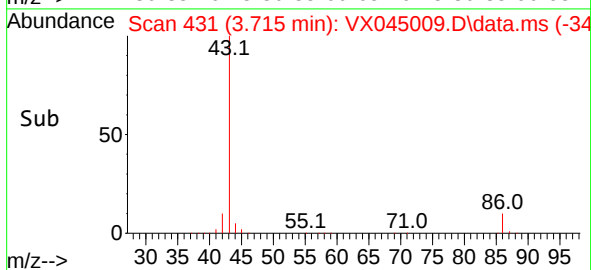
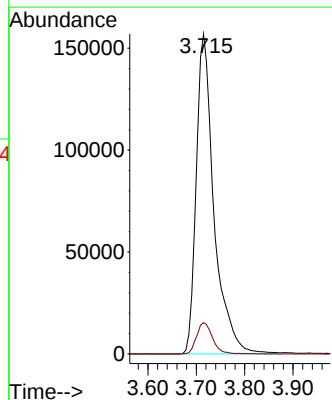
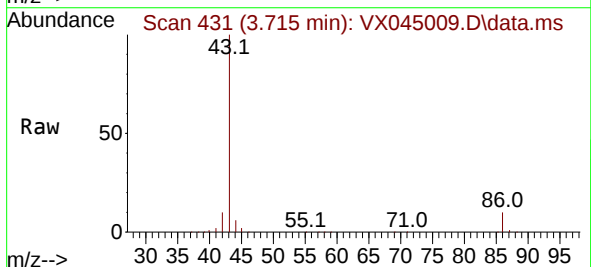
Manual Integrations
APPROVED

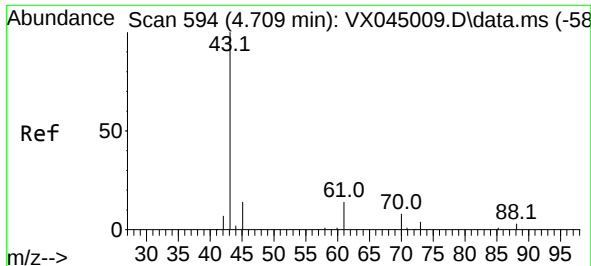
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#42
Vinyl Acetate
Concen: 96.216 ug/l
RT: 3.715 min Scan# 431
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

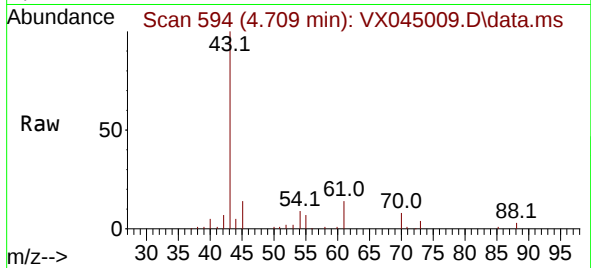
Tgt Ion: 43 Resp: 400180
Ion Ratio Lower Upper
43 100
86 8.7 7.0 10.4





#43
Ethyl Acetate
Concen: 19.350 ug/l
RT: 4.709 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

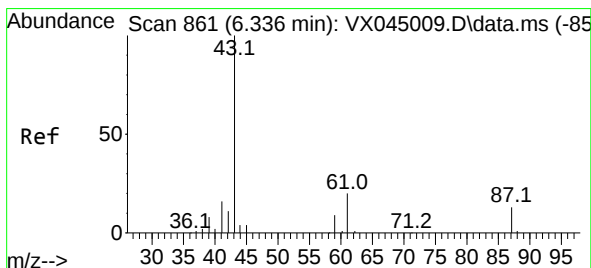
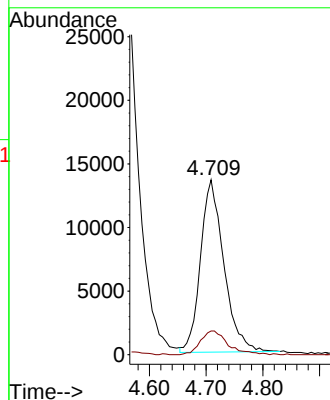
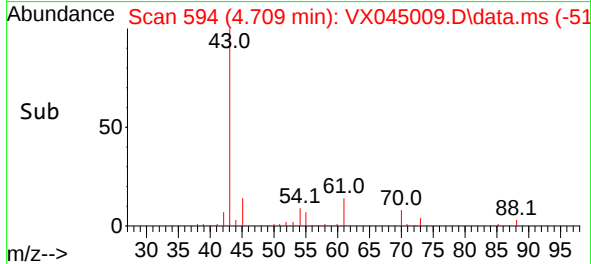
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 3889
Ion Ratio Lower Upper
43 100
45 15.9 12.7 19.1

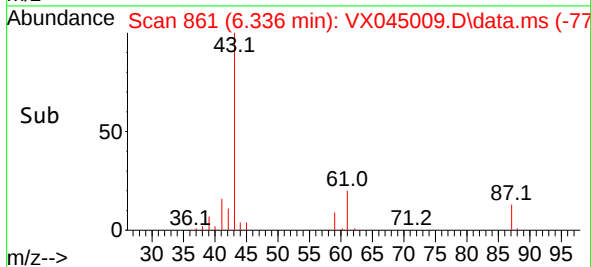
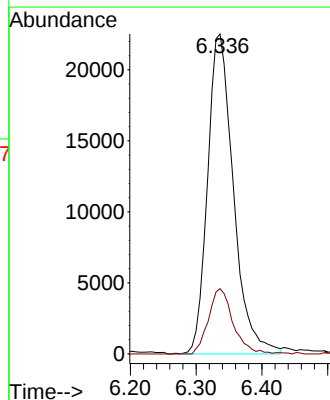
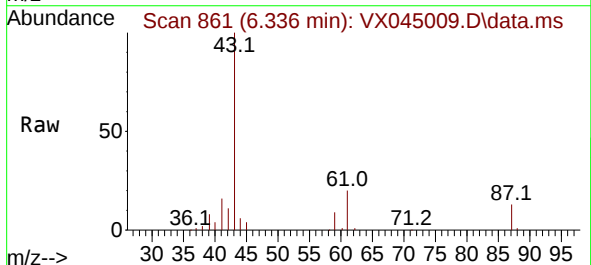
Manual Integrations
APPROVED

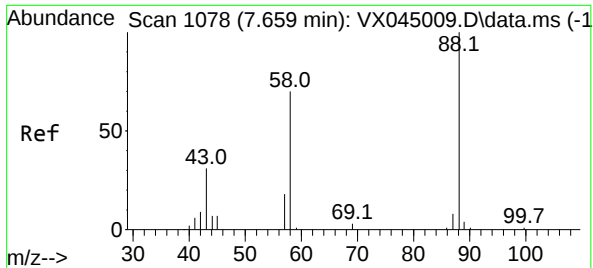
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#44
Isopropyl Acetate
Concen: 18.649 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

Tgt Ion: 43 Resp: 61693
Ion Ratio Lower Upper
43 100
61 19.4 15.5 23.3





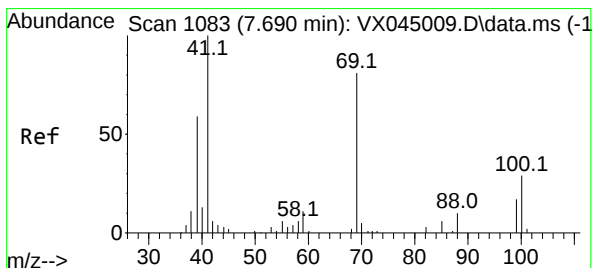
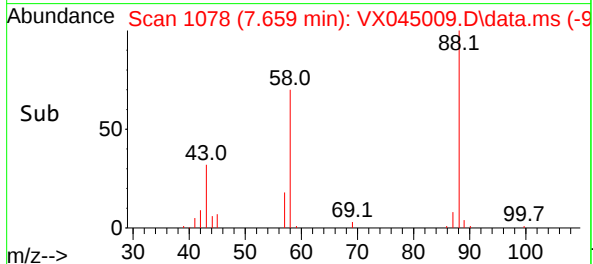
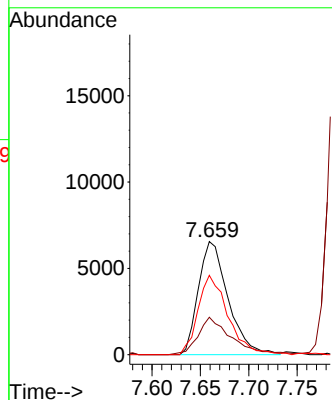
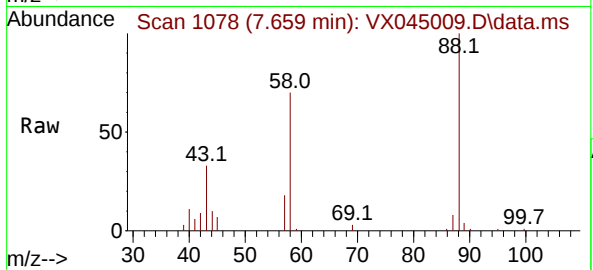
#45
1,4-Dioxane
Concen: 407.910 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 88 Resp: 14028
Ion Ratio Lower Upper
88 100
43 37.0 29.6 44.4
58 70.3 56.2 84.4

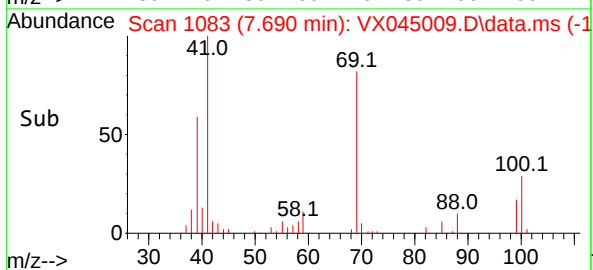
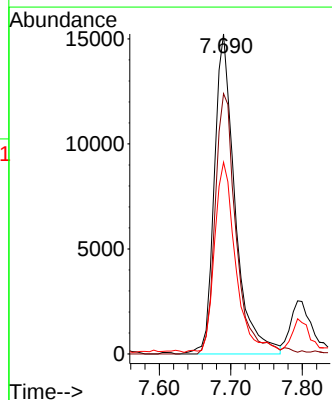
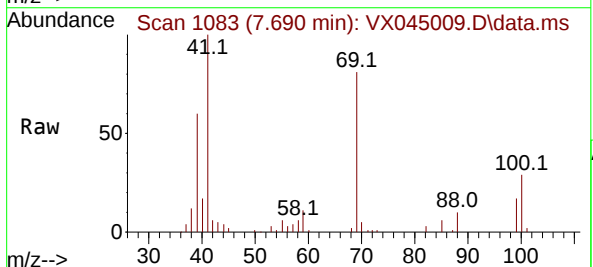
Manual Integrations
APPROVED

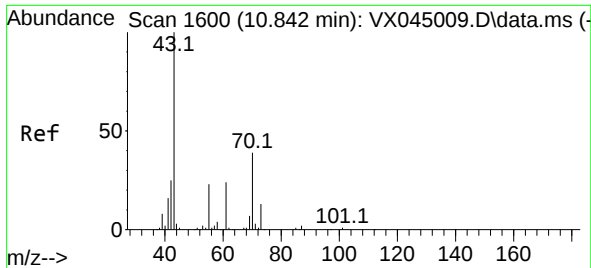
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#46
Methyl methacrylate
Concen: 18.904 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

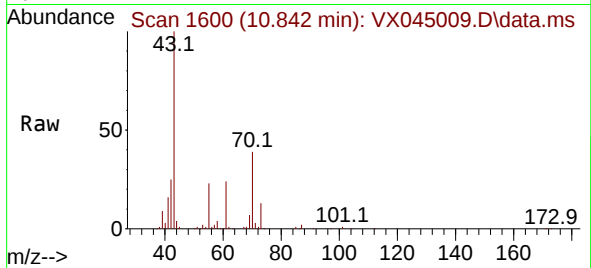
Tgt Ion: 41 Resp: 30666
Ion Ratio Lower Upper
41 100
69 81.4 40.7 122.1
39 59.0 29.5 88.5





#47
n-amy1 Acetate
Concen: 18.814 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

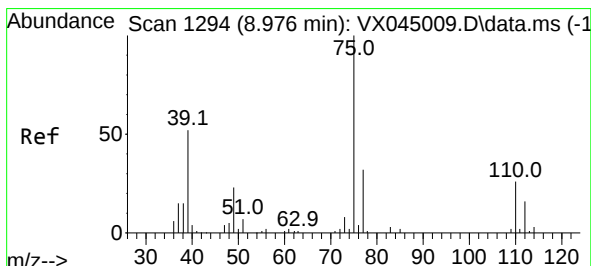
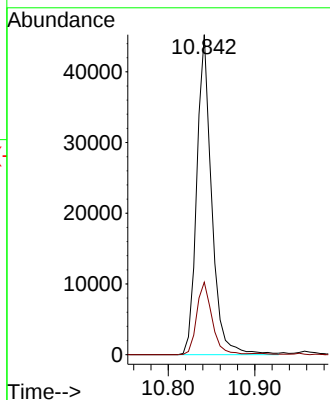
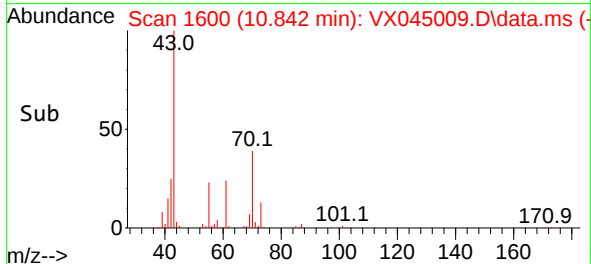
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 54008
Ion Ratio Lower Upper
43 100
55 23.2 18.6 27.8

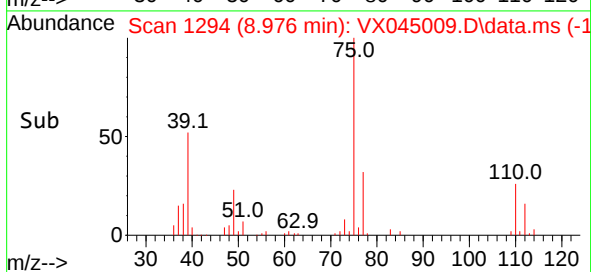
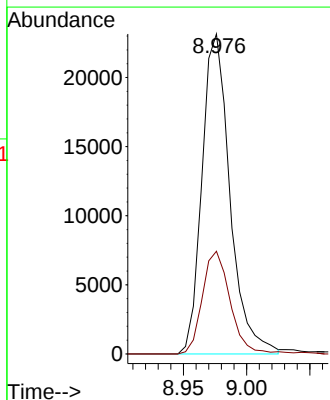
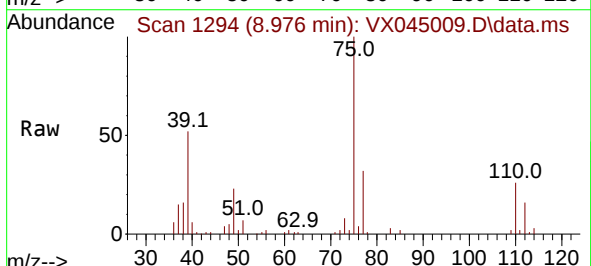
Manual Integrations
APPROVED

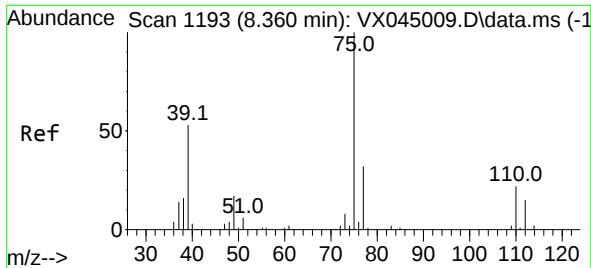
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#48
t-1,3-Dichloropropene
Concen: 17.922 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

Tgt Ion: 75 Resp: 35645
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5





#49

cis-1,3-Dichloropropene

Concen: 18.974 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX045009.D

Acq: 21 Feb 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 75 Resp: 42718

Ion Ratio Lower Upper

75 100

77 32.4 25.9 38.9

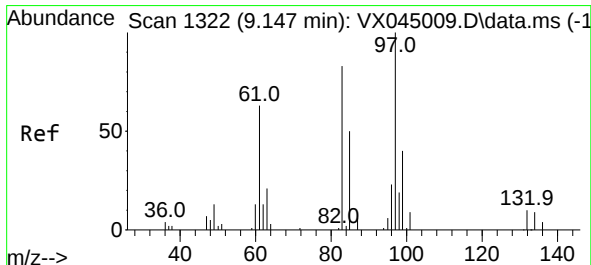
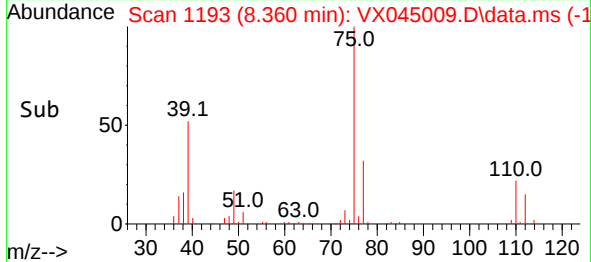
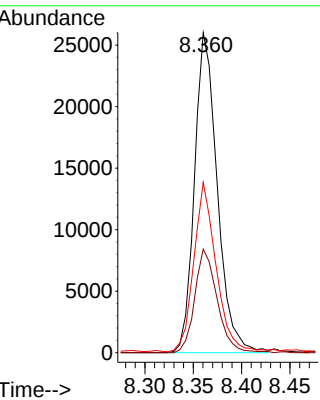
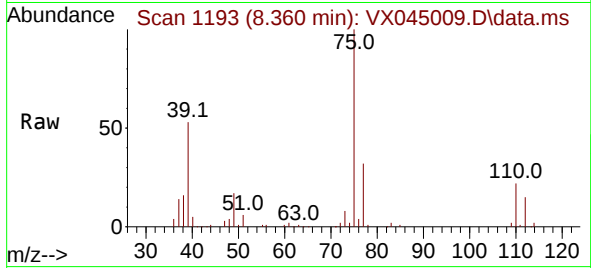
39 52.9 42.3 63.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#50

1,1,2-Trichloroethane

Concen: 20.047 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX045009.D

Acq: 21 Feb 2025 10:21

Tgt Ion: 97 Resp: 27147

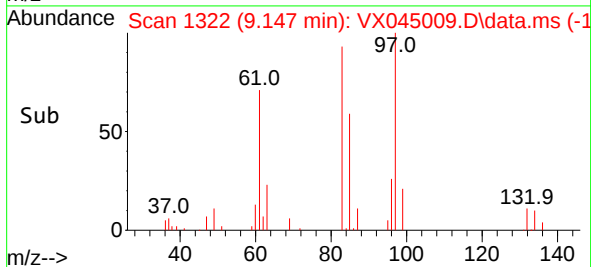
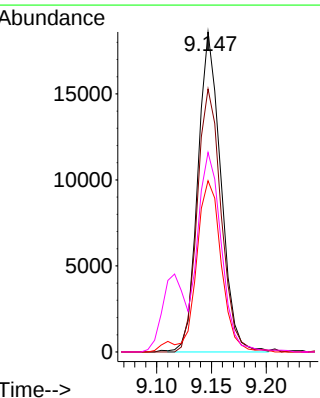
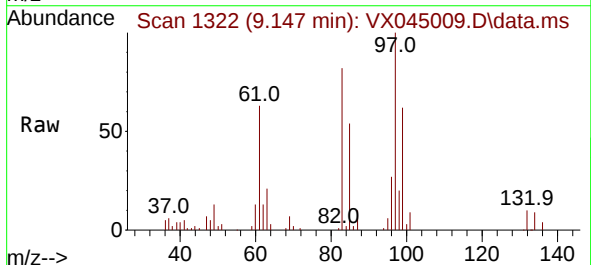
Ion Ratio Lower Upper

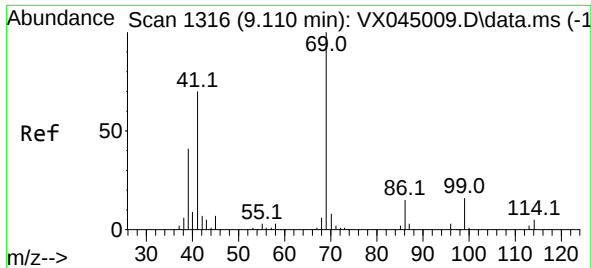
97 100

83 82.5 66.0 99.0

85 53.1 42.5 63.7

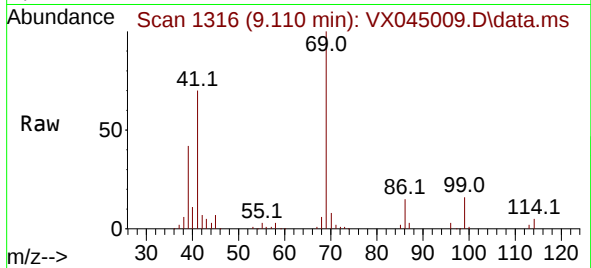
99 62.0 49.6 74.4





#51
Ethyl methacrylate
Concen: 18.495 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

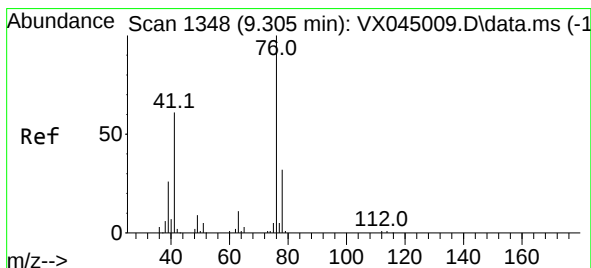
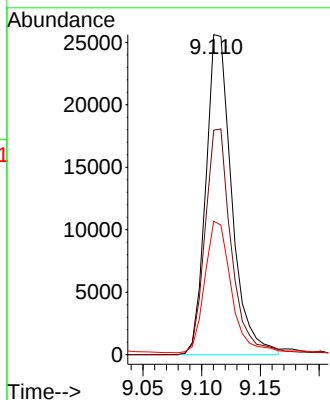
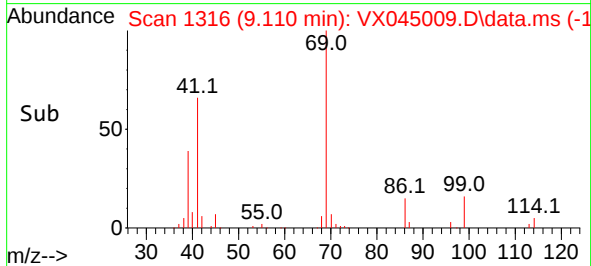
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 69 Resp: 39389
Ion Ratio Lower Upper
69 100
41 70.2 35.1 105.3
39 41.1 20.5 61.6

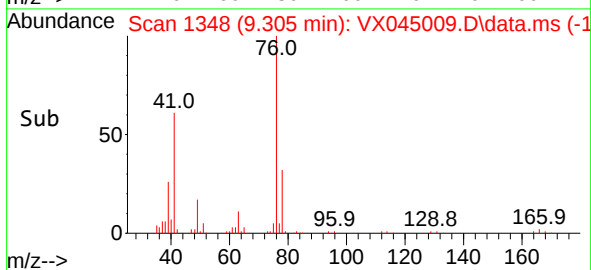
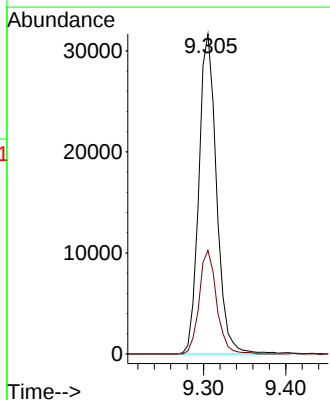
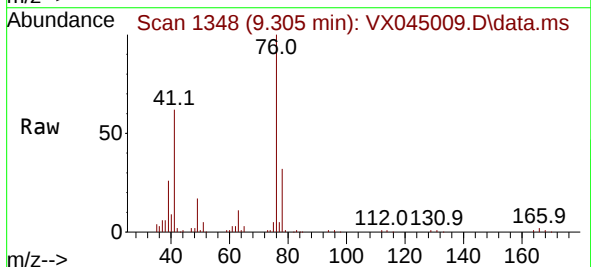
Manual Integrations
APPROVED

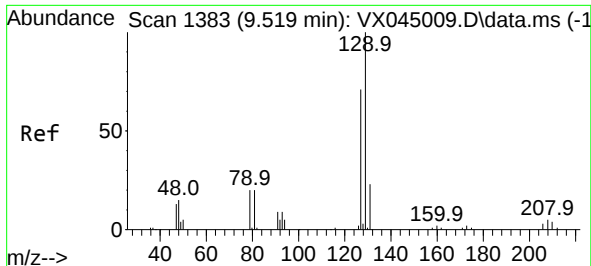
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#52
1,3-Dichloropropane
Concen: 19.965 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

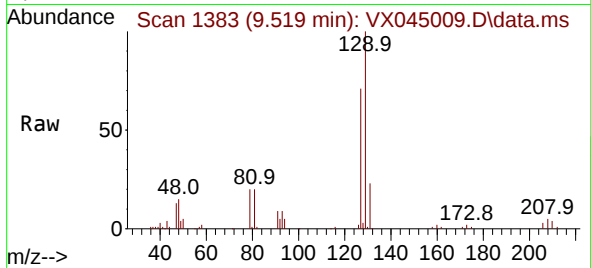
Tgt Ion: 76 Resp: 47373
Ion Ratio Lower Upper
76 100
78 31.8 0.0 63.6





#53
Dibromochloromethane
Concen: 19.556 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

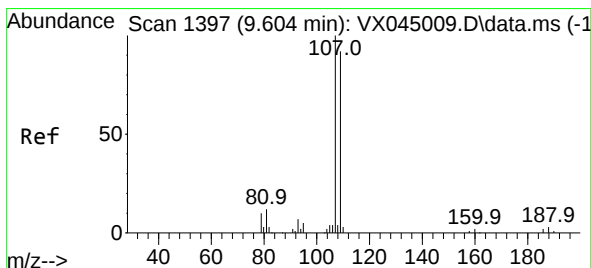
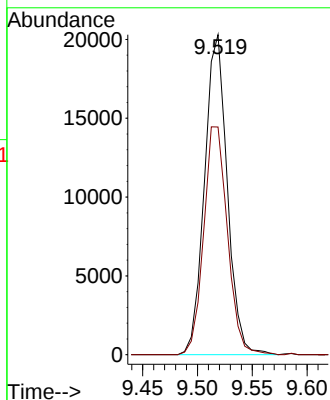
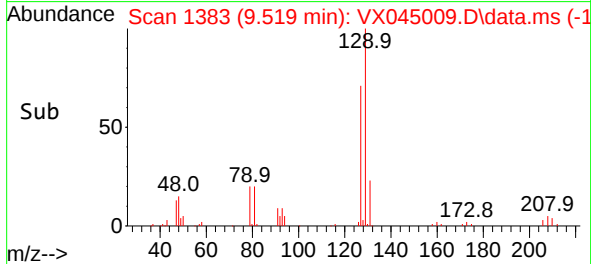
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:129 Resp: 29289
Ion Ratio Lower Upper
129 100
127 74.6 37.3 111.9

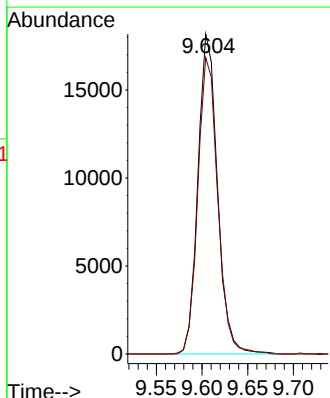
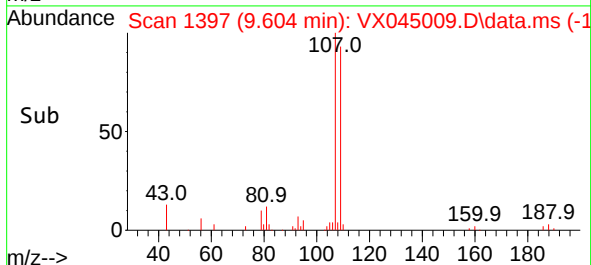
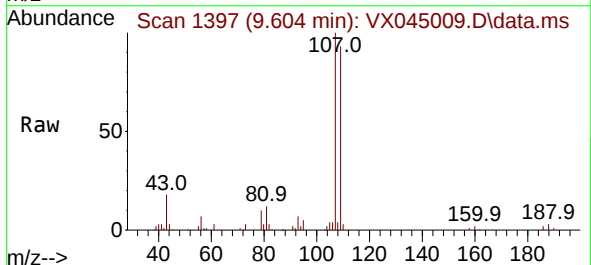
Manual Integrations
APPROVED

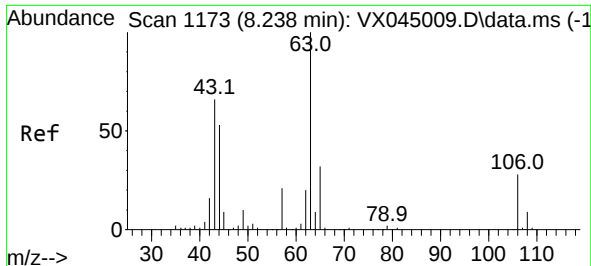
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#54
1,2-Dibromoethane
Concen: 19.597 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

Tgt Ion:107 Resp: 26948
Ion Ratio Lower Upper
107 100
109 94.8 75.8 113.8





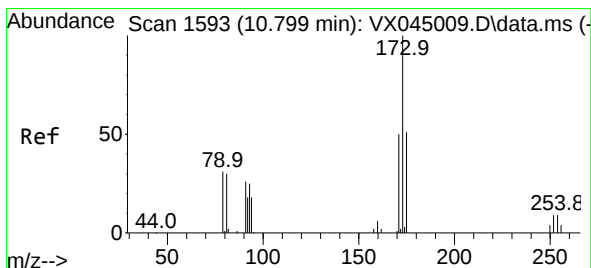
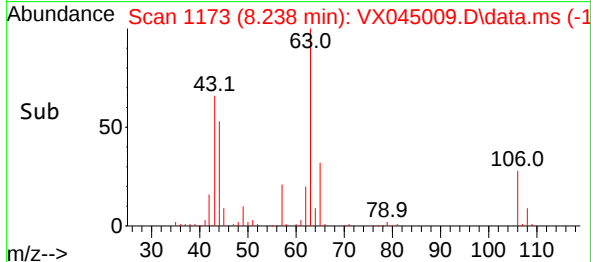
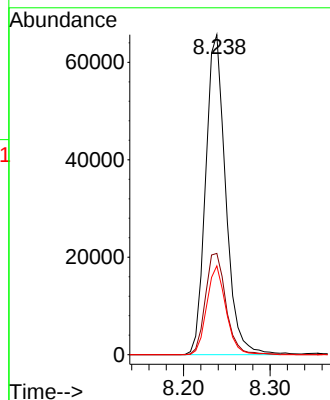
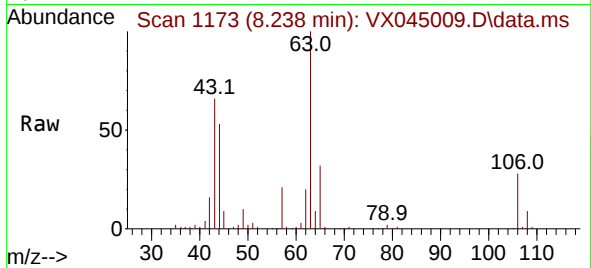
#55
2-Chloroethyl vinyl ether
Concen: 96.576 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 105624
Ion Ratio Lower Upper
63 100
65 32.7 26.2 39.2
106 26.5 21.2 31.8

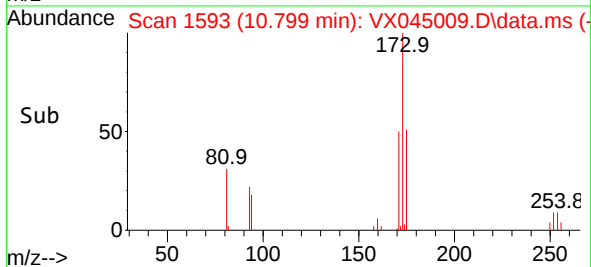
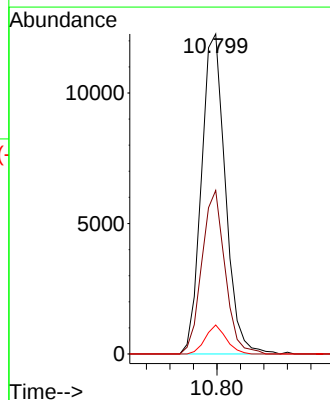
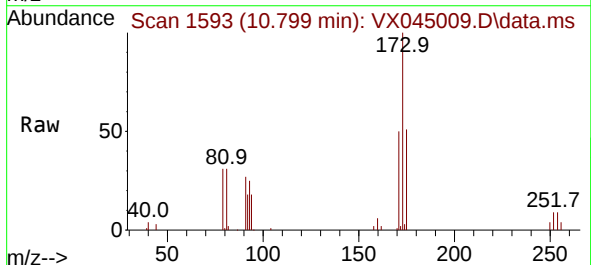
Manual Integrations
APPROVED

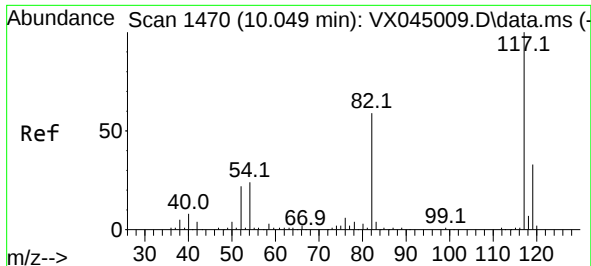
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#56
Bromoform
Concen: 18.467 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

Tgt Ion:173 Resp: 17331
Ion Ratio Lower Upper
173 100
175 49.5 39.6 59.4
254 7.9 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: VX045009.D

Acq: 21 Feb 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 117 Resp: 91818

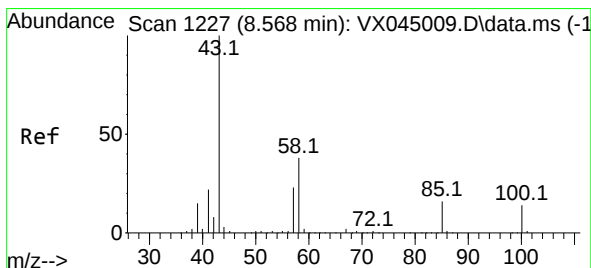
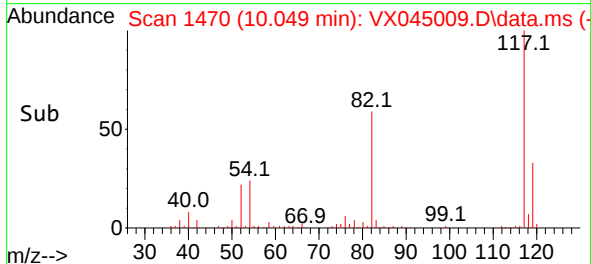
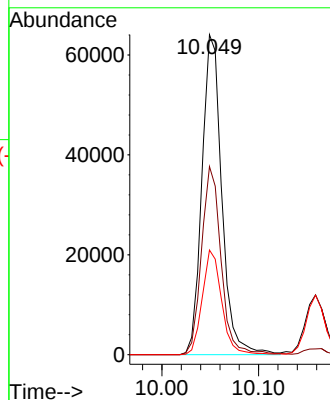
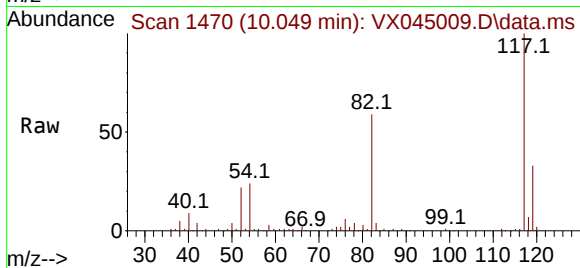
Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.8	68.8
119	31.9	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#58

4-Methyl-2-Pentanone

Concen: 99.596 ug/l

RT: 8.568 min Scan# 1227

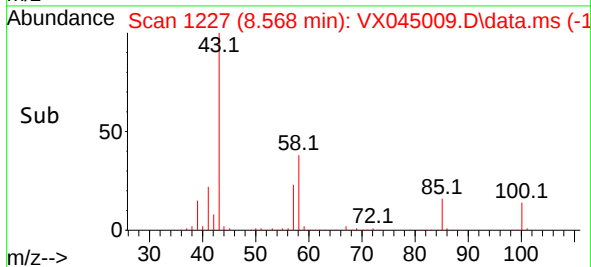
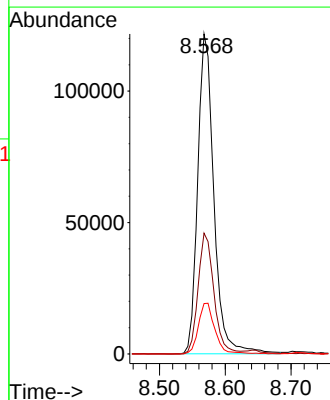
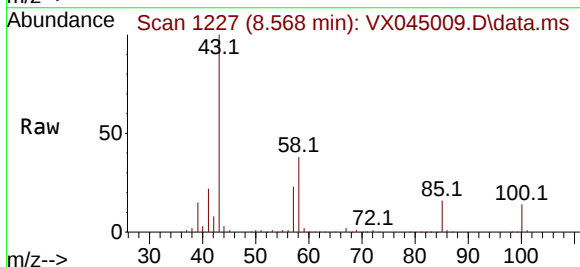
Delta R.T. 0.000 min

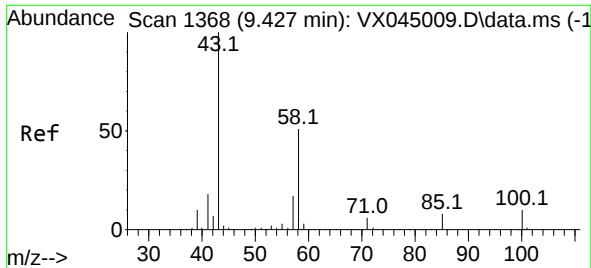
Lab File: VX045009.D

Acq: 21 Feb 2025 10:21

Tgt Ion: 43 Resp: 208023

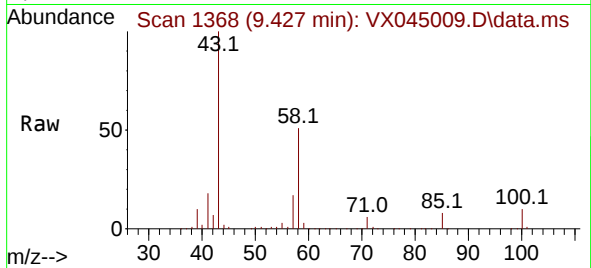
Ion	Ratio	Lower	Upper
43	100		
58	36.9	29.5	44.3
85	16.1	12.9	19.3





#59
2-Hexanone
Concen: 98.899 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

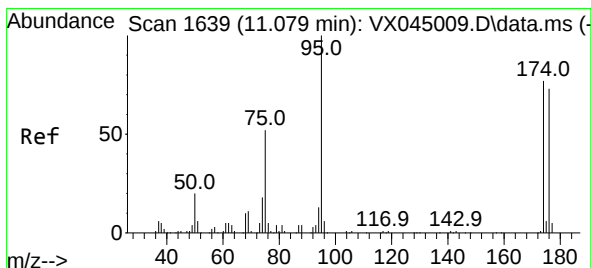
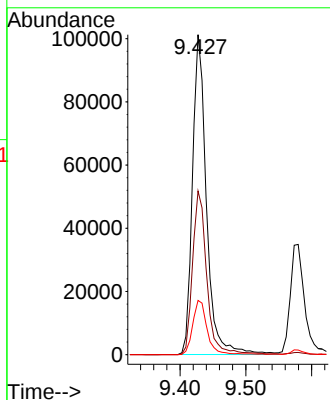
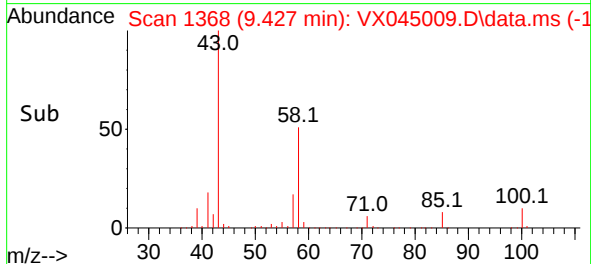
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 149308
Ion Ratio Lower Upper
43 100
58 52.0 41.6 62.4
57 17.2 13.8 20.6

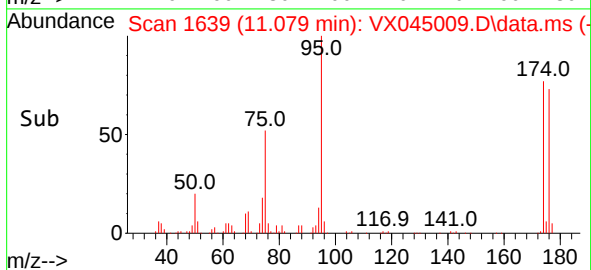
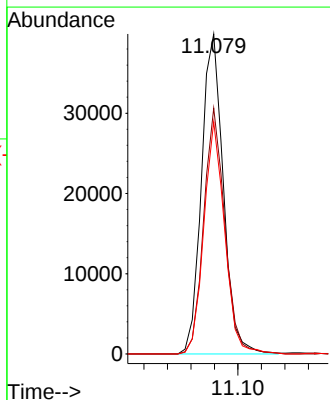
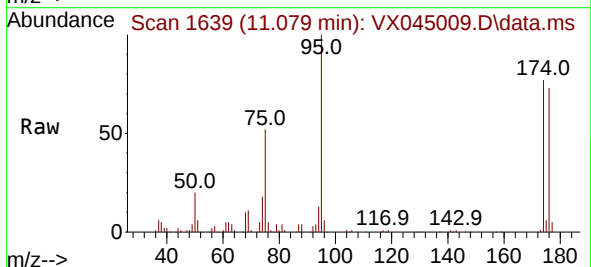
Manual Integrations
APPROVED

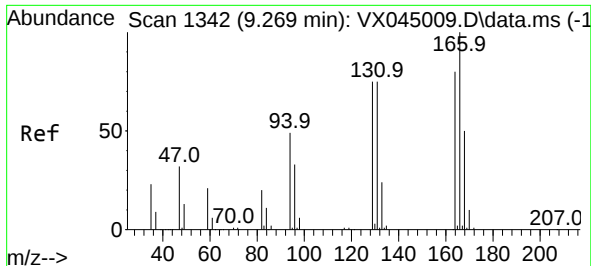
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#60
4-Bromofluorobenzene
Concen: 29.939 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

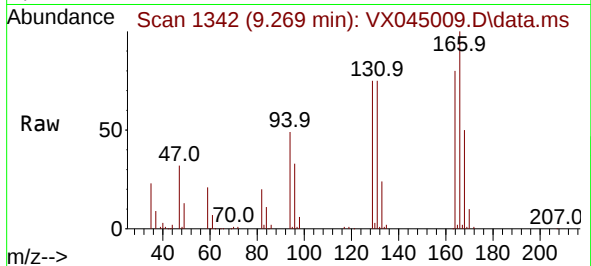
Tgt Ion: 95 Resp: 51382
Ion Ratio Lower Upper
95 100
174 74.4 59.5 89.3
176 69.4 55.5 83.3





#61
Tetrachloroethene
Concen: 19.926 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

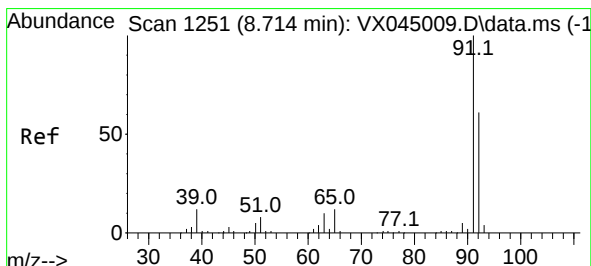
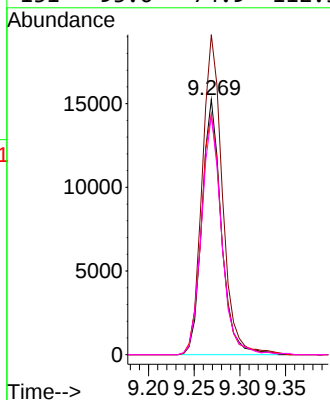
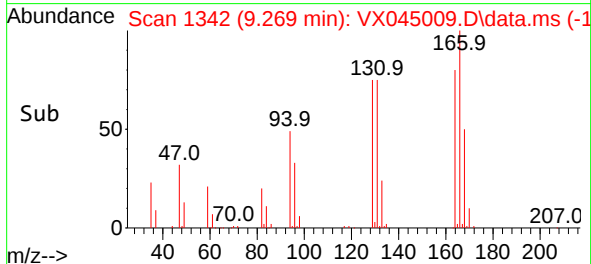
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:164 Resp: 22529
Ion Ratio Lower Upper
164 100
166 125.4 100.3 150.5
129 94.4 75.5 113.3
131 93.6 74.9 112.3

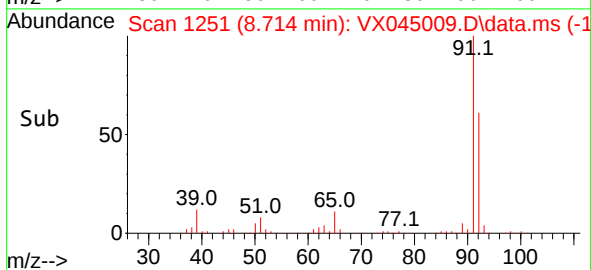
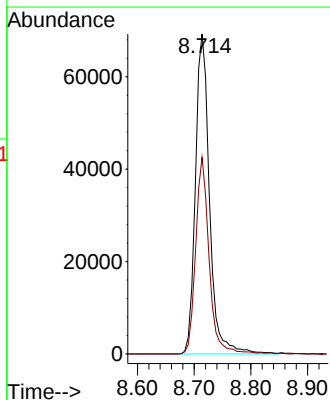
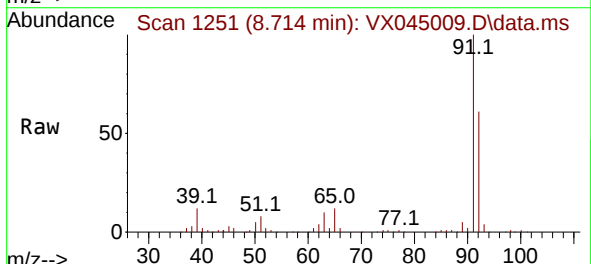
Manual Integrations
APPROVED

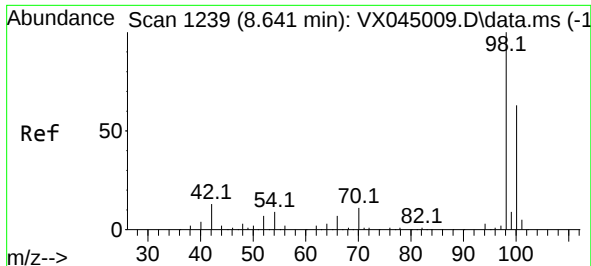
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#62
Toluene
Concen: 19.642 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

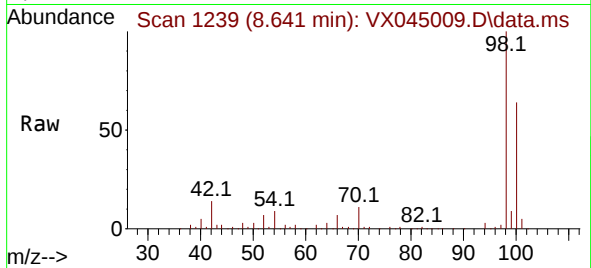
Tgt Ion: 91 Resp: 119473
Ion Ratio Lower Upper
91 100
92 58.6 46.9 70.3





#63
Toluene-d8
Concen: 30.175 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

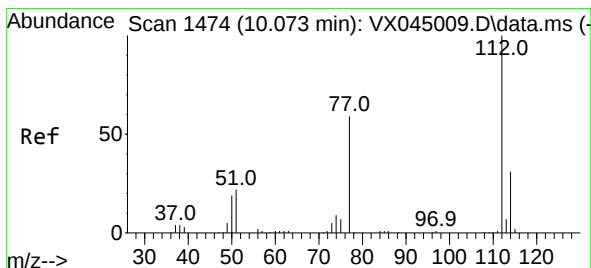
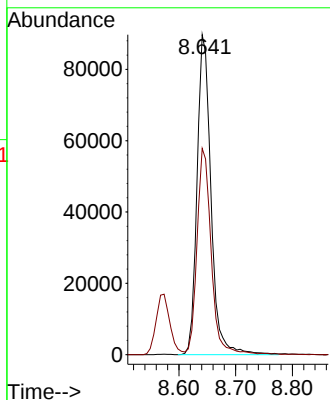
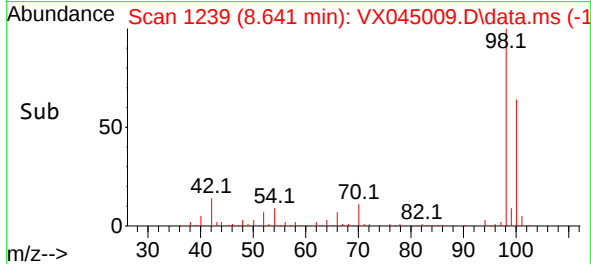
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 98 Resp: 153274
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5

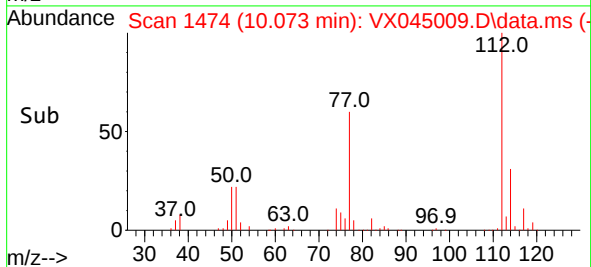
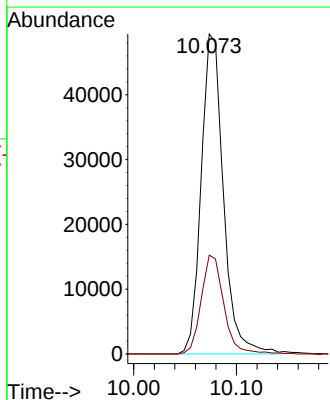
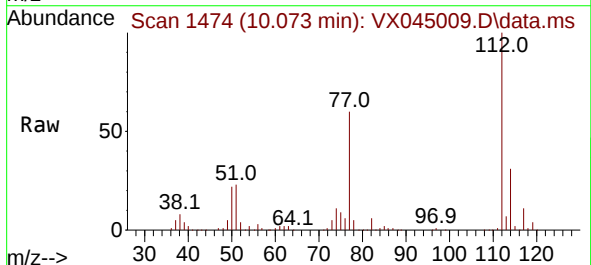
Manual Integrations
APPROVED

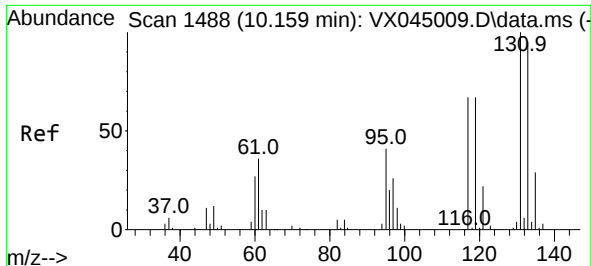
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#64
Chlorobenzene
Concen: 19.710 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

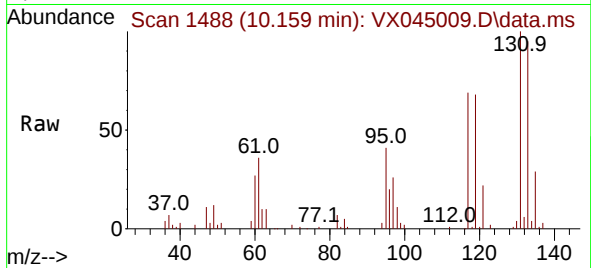
Tgt Ion:112 Resp: 74287
Ion Ratio Lower Upper
112 100
114 30.9 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 19.406 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

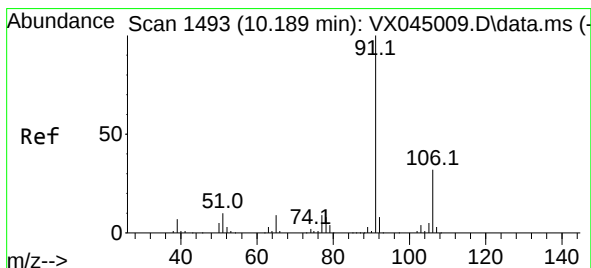
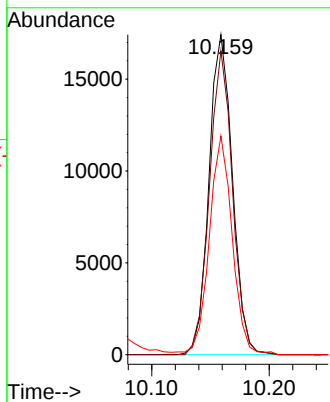
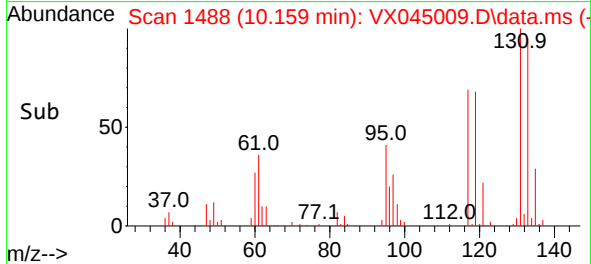
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:131 Resp: 24135
Ion Ratio Lower Upper
131 100
133 93.9 0.0 187.8
119 66.5 0.0 133.0

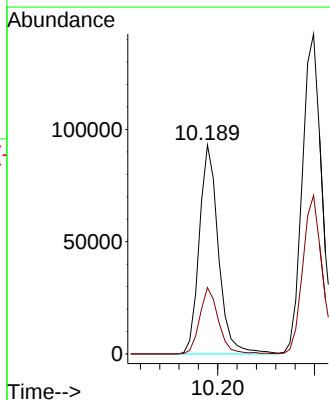
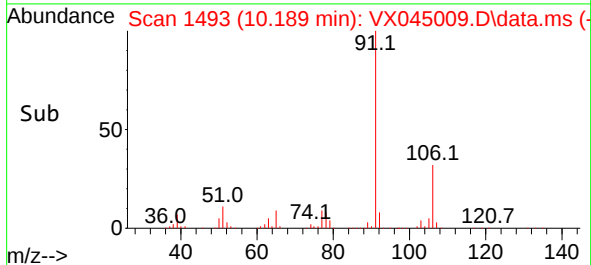
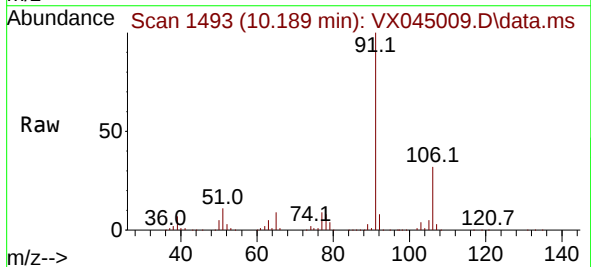
Manual Integrations
APPROVED

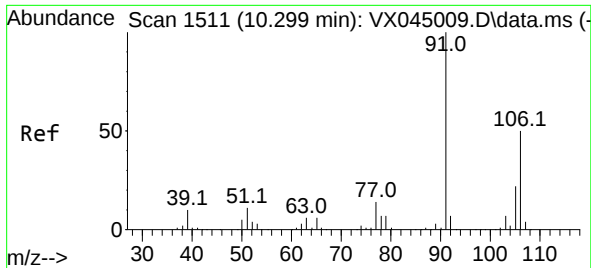
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#66
Ethyl Benzene
Concen: 19.302 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

Tgt Ion: 91 Resp: 128535
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.2





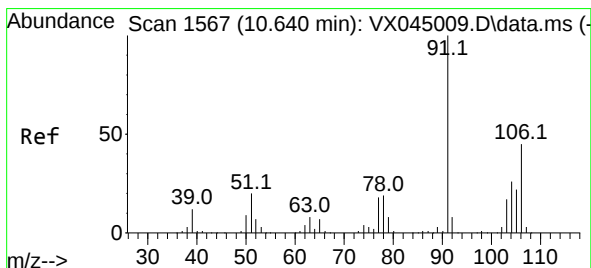
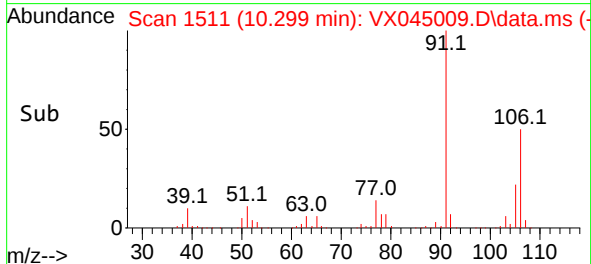
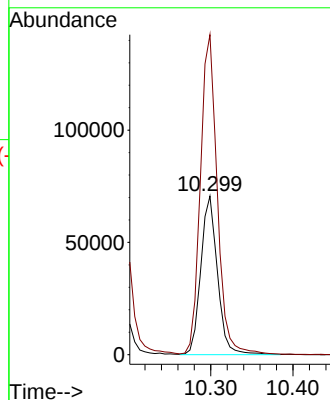
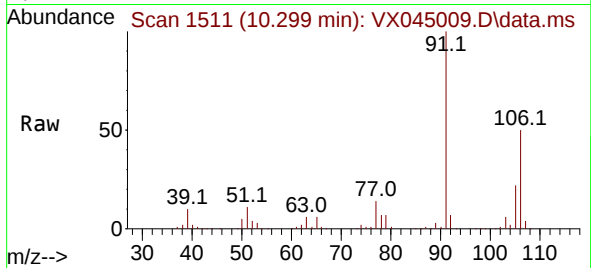
#67
m/p-Xylenes
Concen: 40.260 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 9988
Ion Ratio Lower Upper
106 100
91 204.6 163.7 245.5

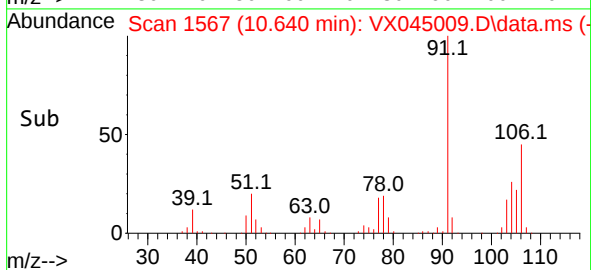
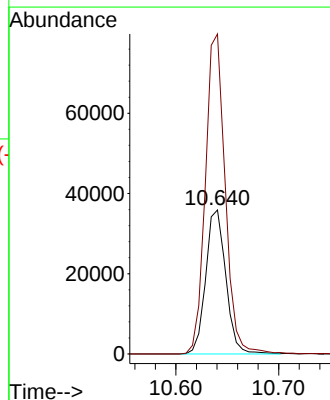
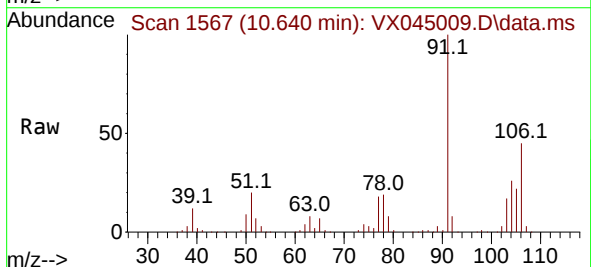
Manual Integrations
APPROVED

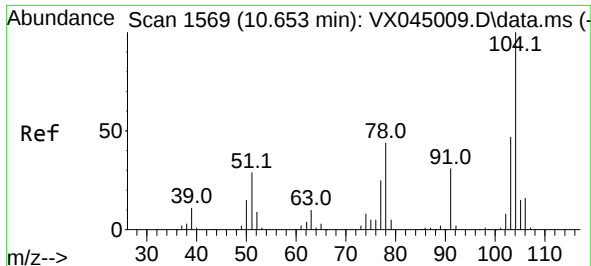
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#68
o-Xylene
Concen: 20.071 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

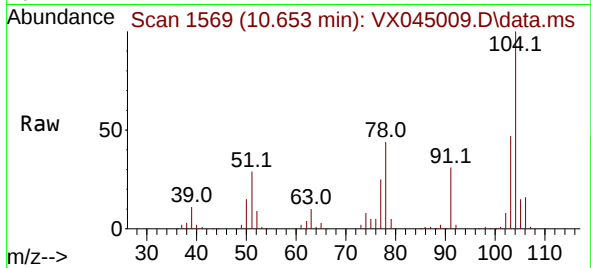
Tgt Ion:106 Resp: 48859
Ion Ratio Lower Upper
106 100
91 219.4 109.7 329.1





#69
Styrene
Concen: 19.839 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

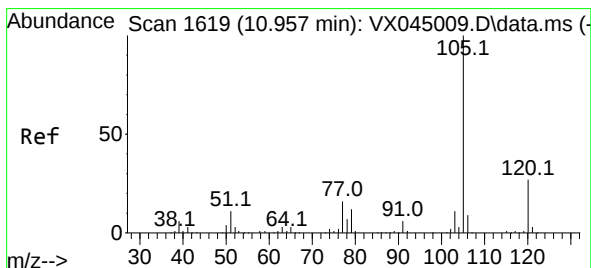
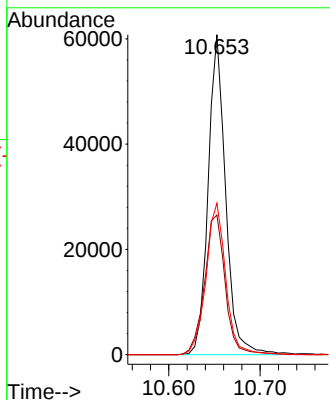
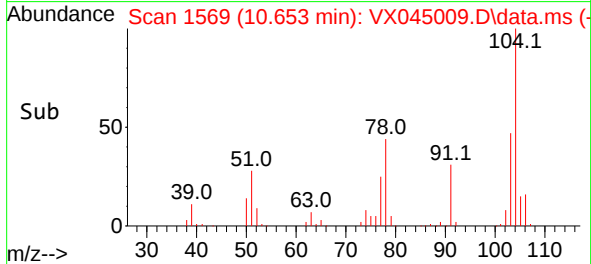
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



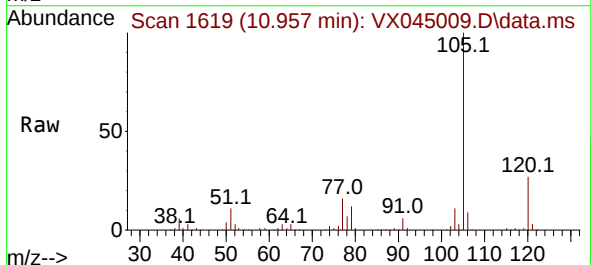
Tgt Ion:104 Resp: 80660
Ion Ratio Lower Upper
104 100
78 51.7 41.4 62.0
103 53.7 43.0 64.4

Manual Integrations
APPROVED

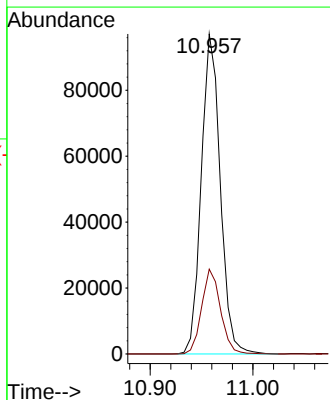
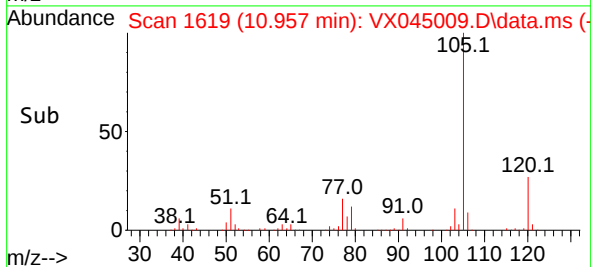
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

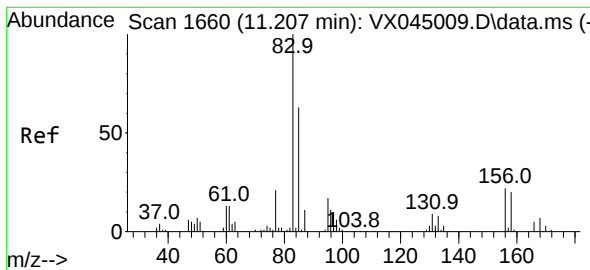


#70
Isopropylbenzene
Concen: 19.888 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21



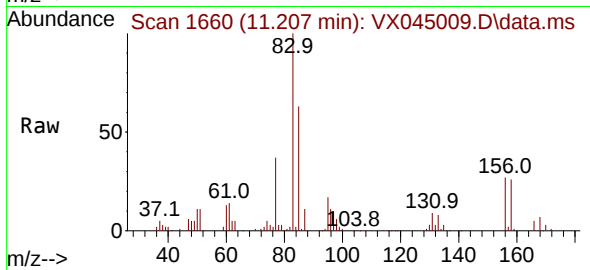
Tgt Ion:105 Resp: 124935
Ion Ratio Lower Upper
105 100
120 26.3 18.4 34.2





#71
1,1,2,2-Tetrachloroethane
Concen: 19.683 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

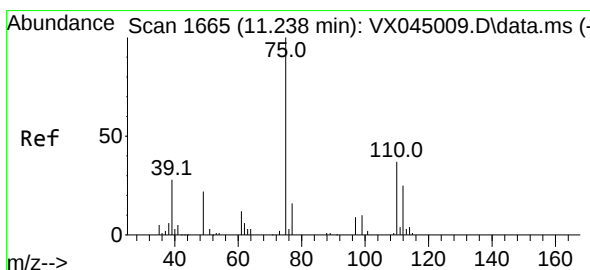
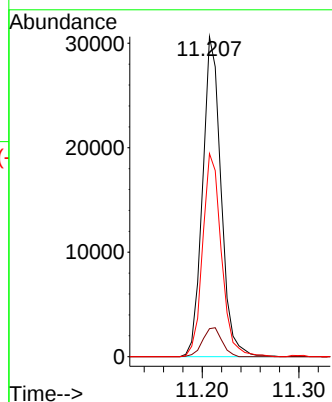
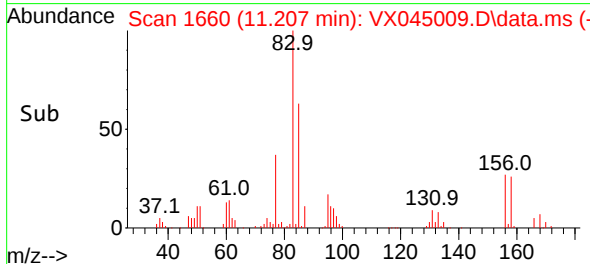
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 40659
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.3
85 64.5 32.3 96.8

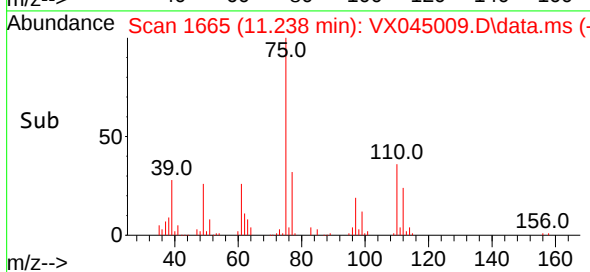
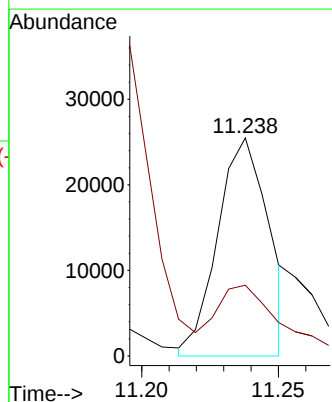
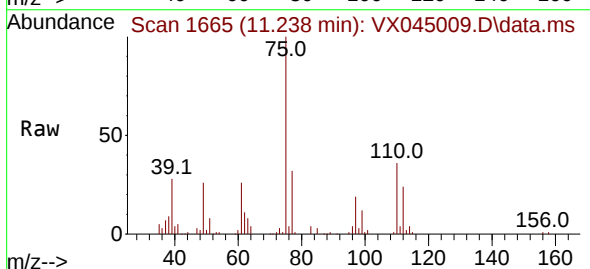
Manual Integrations
APPROVED

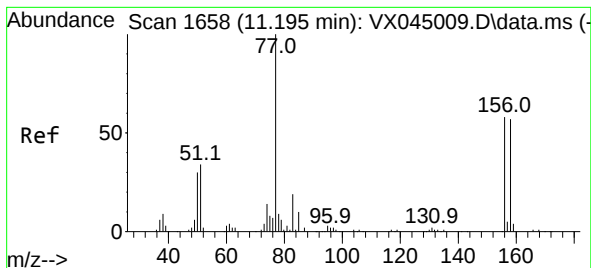
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#72
1,2,3-Trichloropropane
Concen: 19.450 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

Tgt Ion: 75 Resp: 33046
Ion Ratio Lower Upper
75 100
77 42.0 0.0 84.0





#73

Bromobenzene

Concen: 19.777 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX045009.D

Acq: 21 Feb 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

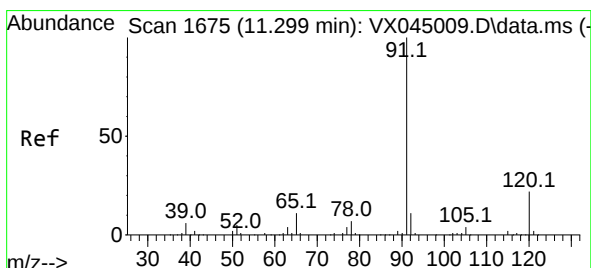
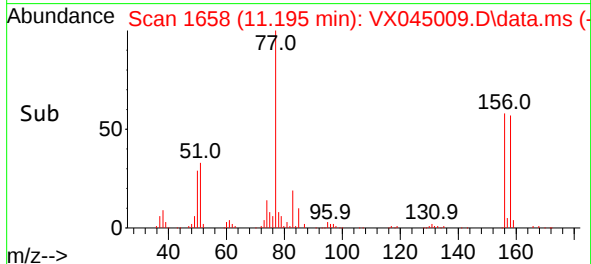
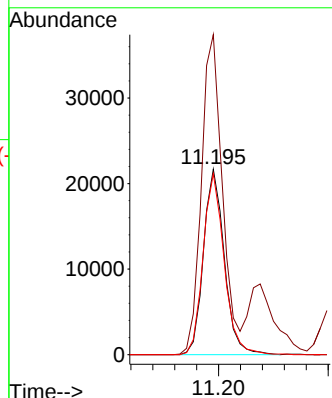
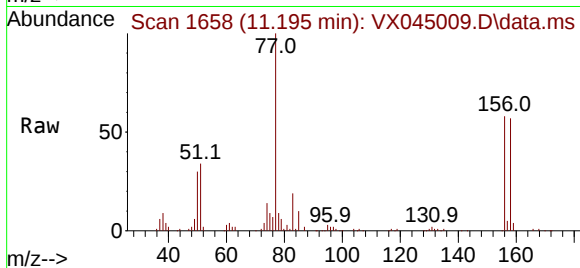
Tgt Ion:	156	Resp:	2860
Ion Ratio	Lower	Upper	
156	100		
77	173.6	0.0	347.2
158	98.8	0.0	197.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#74

n-propylbenzene

Concen: 19.544 ug/l

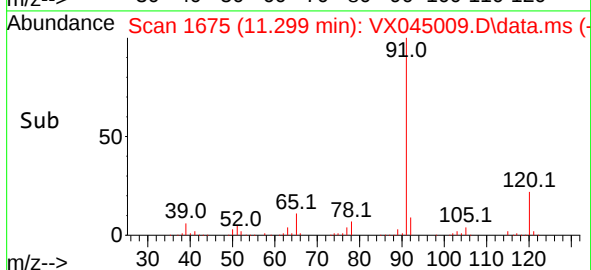
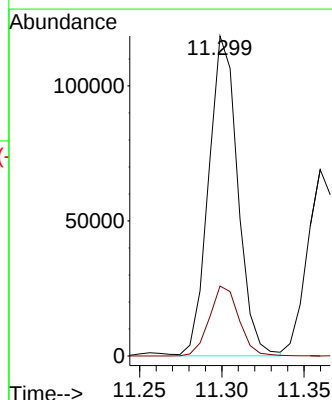
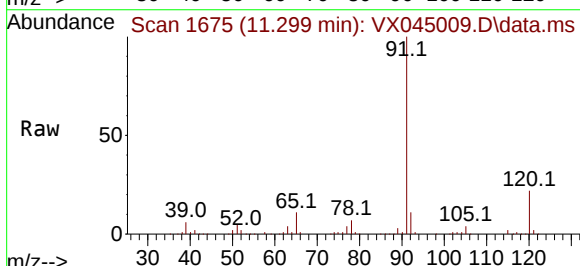
RT: 11.299 min Scan# 1675

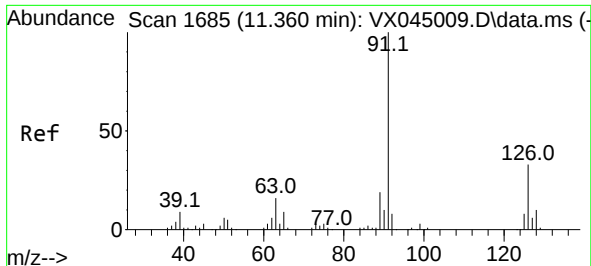
Delta R.T. 0.000 min

Lab File: VX045009.D

Acq: 21 Feb 2025 10:21

Tgt Ion:	91	Resp:	146105
Ion Ratio	Lower	Upper	
91	100		
120	22.1	0.0	44.2





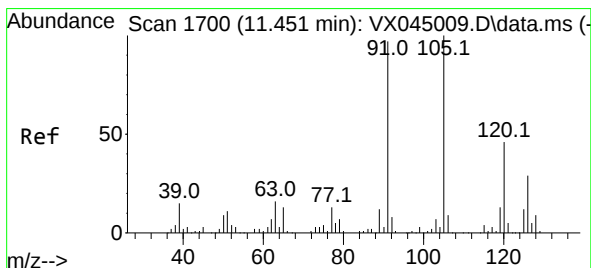
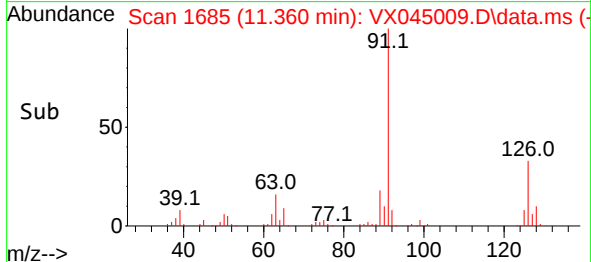
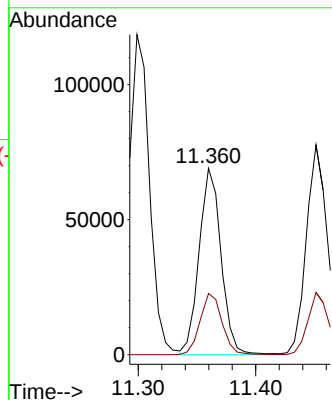
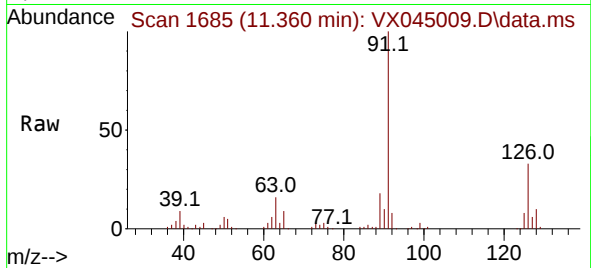
#75
2-Chlorotoluene
Concen: 19.883 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 89859
Ion Ratio Lower Upper
91 100
126 32.7 0.0 65.4

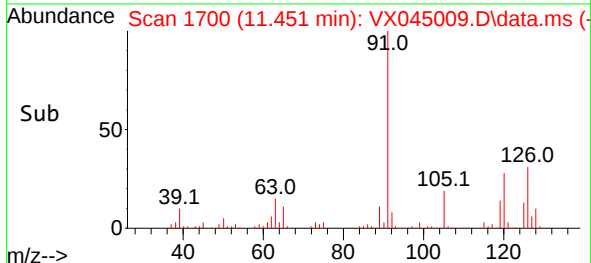
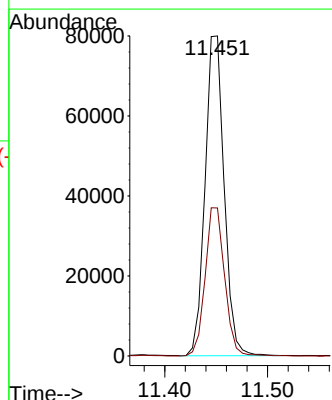
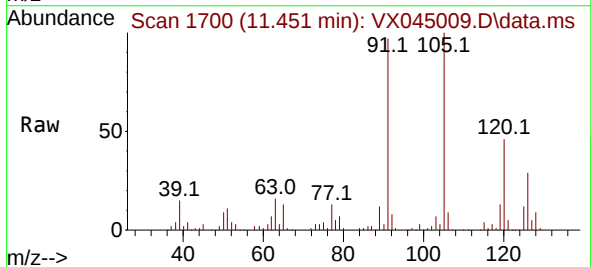
Manual Integrations
APPROVED

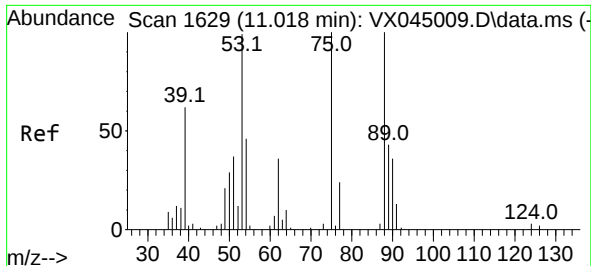
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.977 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

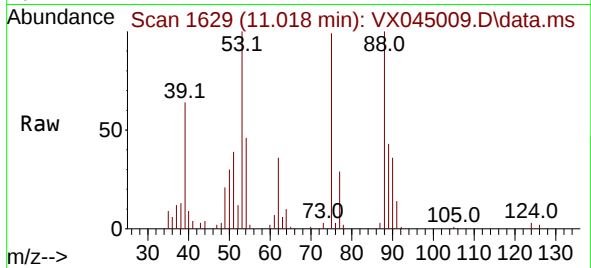
Tgt Ion:105 Resp: 103532
Ion Ratio Lower Upper
105 100
120 47.2 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 17.133 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

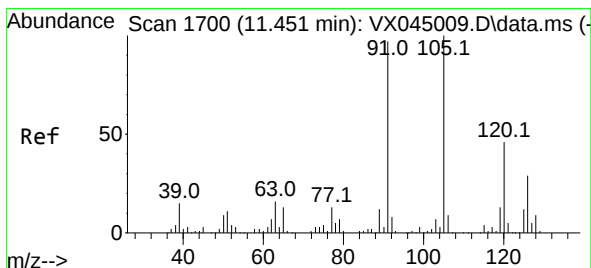
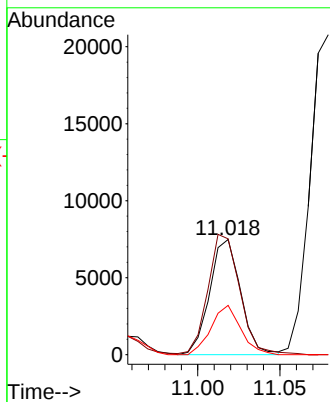
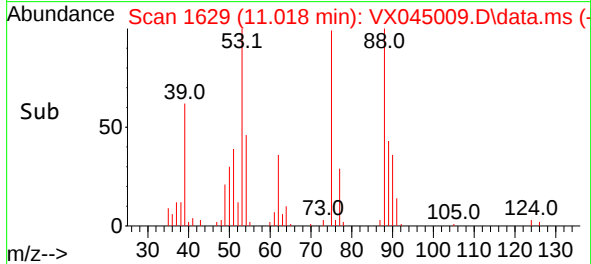
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 75 Resp: 9794
Ion Ratio Lower Upper
75 100
53 99.6 49.8 149.4
89 42.8 21.4 64.2

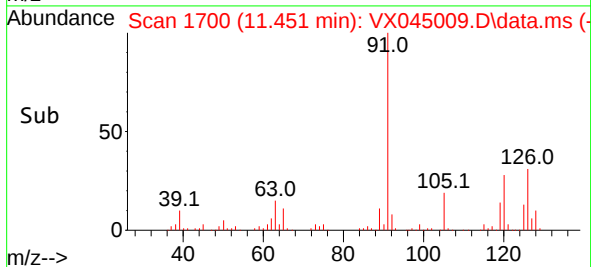
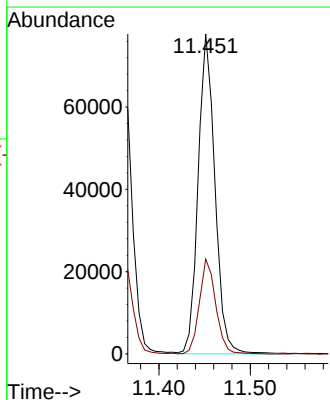
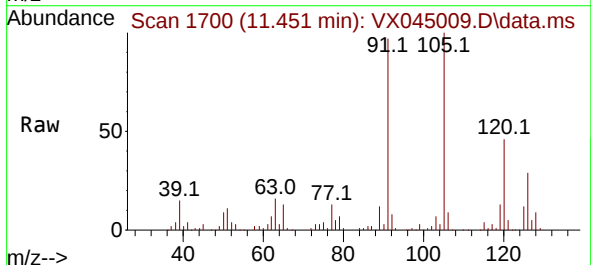
Manual Integrations
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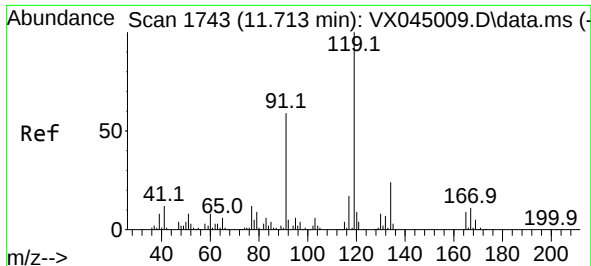
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#78
4-Chlorotoluene
Concen: 19.654 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

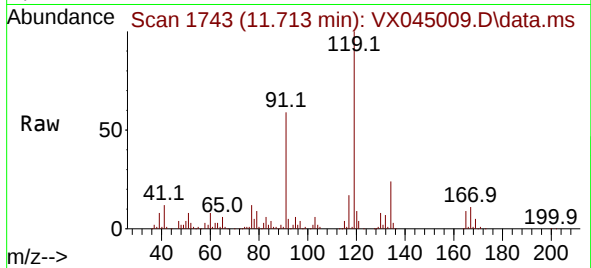
Tgt Ion: 91 Resp: 99015
Ion Ratio Lower Upper
91 100
126 29.0 0.0 58.0





#79
tert-butylbenzene
Concen: 19.965 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

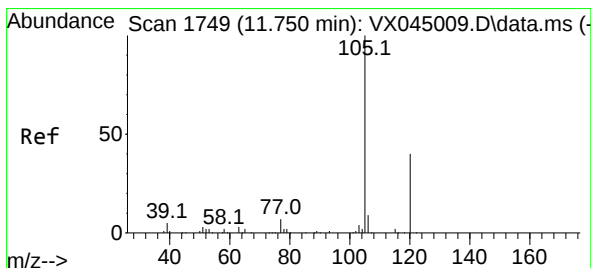
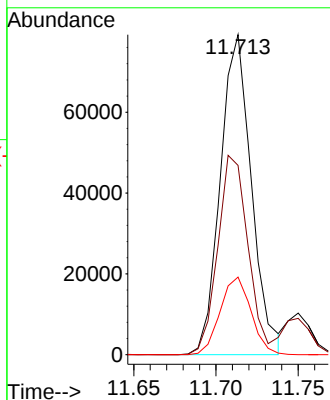
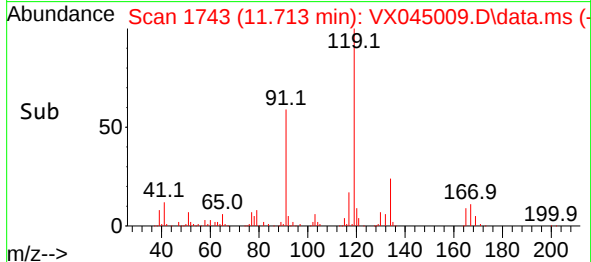
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:119 Resp: 104250
Ion Ratio Lower Upper
119 100
91 60.3 0.0 120.6
134 24.1 0.0 48.2

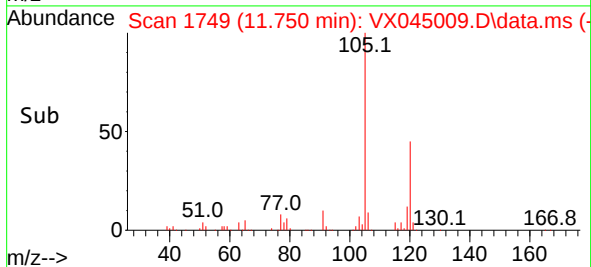
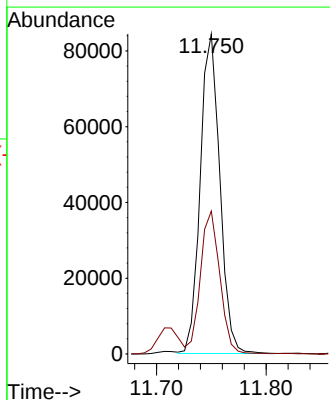
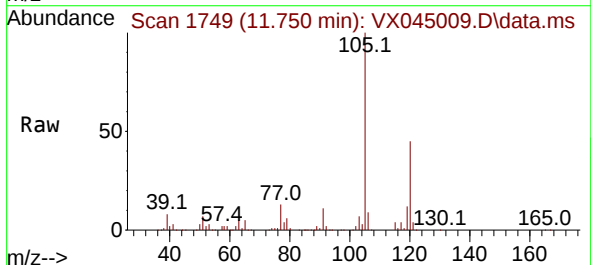
Manual Integrations
APPROVED

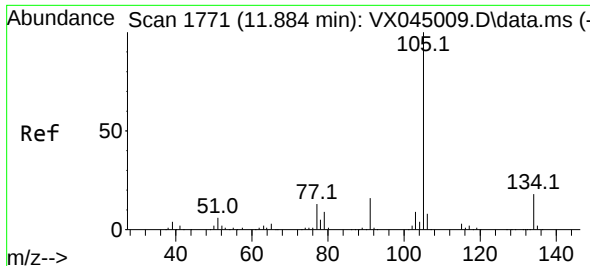
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#80
1,2,4-Trimethylbenzene
Concen: 20.108 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

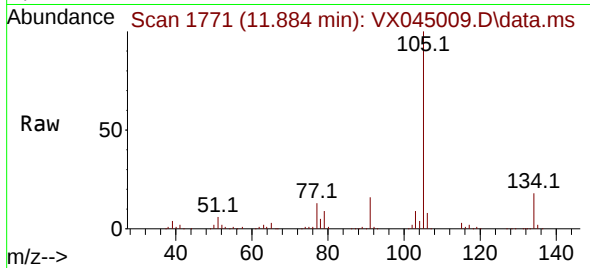
Tgt Ion:105 Resp: 104388
Ion Ratio Lower Upper
105 100
120 44.2 0.0 88.4





#81
 sec-Butylbenzene
 Concen: 19.783 ug/l
 RT: 11.884 min Scan# 1771
 Delta R.T. 0.000 min
 Lab File: VX045009.D
 Acq: 21 Feb 2025 10:21

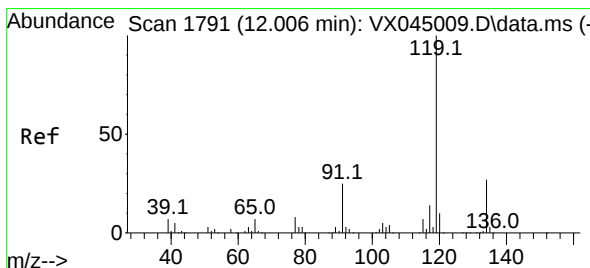
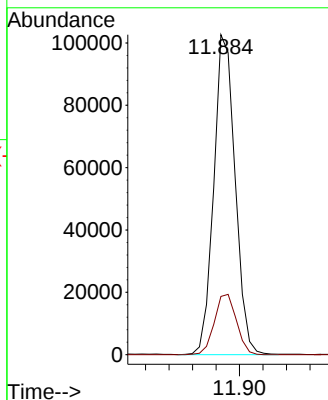
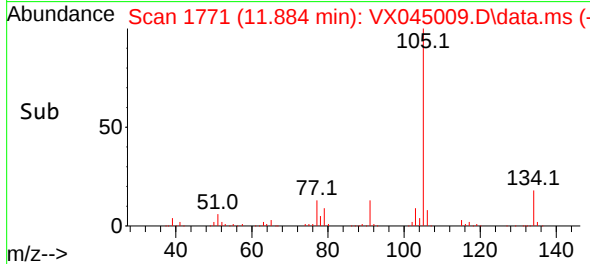
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020



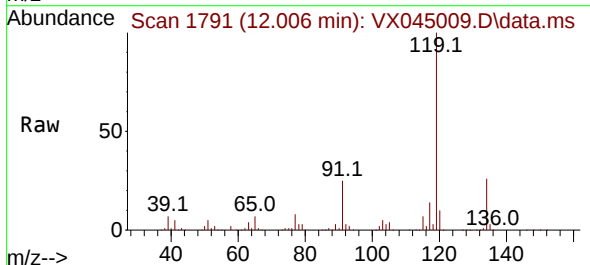
Tgt Ion:105 Resp: 129645
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 39.0

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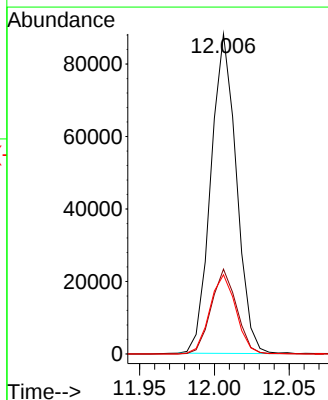
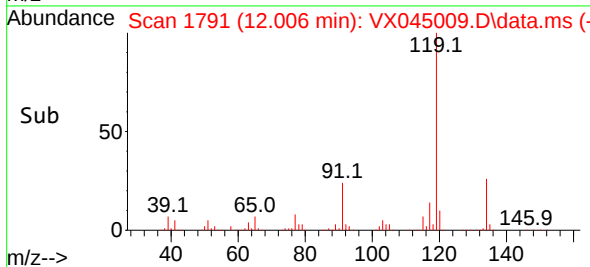
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025

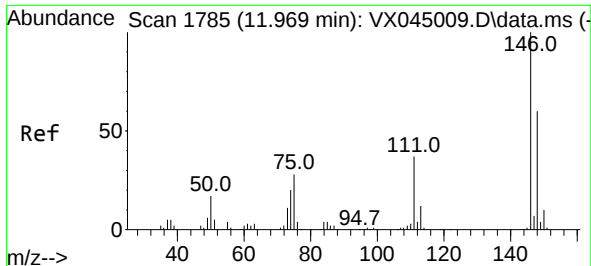


#82
 p-Isopropyltoluene
 Concen: 19.698 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045009.D
 Acq: 21 Feb 2025 10:21



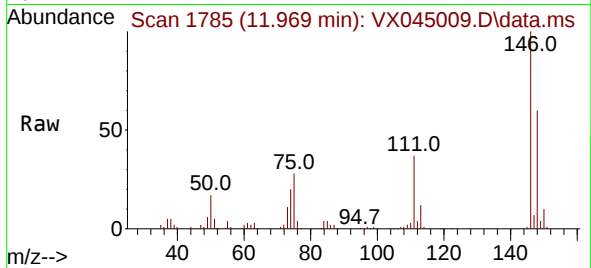
Tgt Ion:119 Resp: 104594
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 52.6
 91 25.5 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 19.873 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

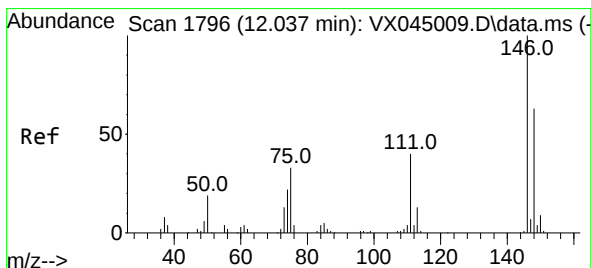
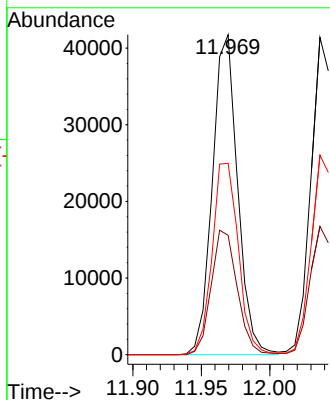
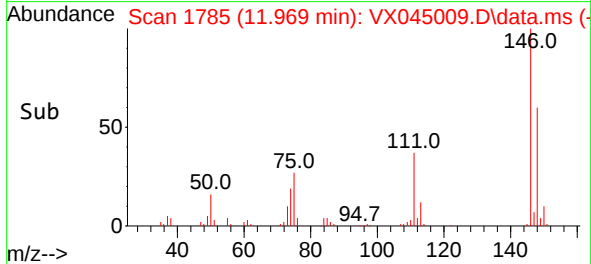
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



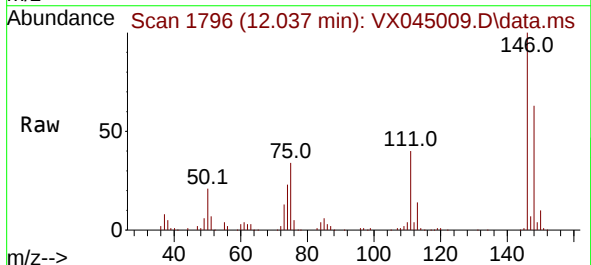
Tgt Ion:146 Resp: 5347
Ion Ratio Lower Upper
146 100
111 40.3 20.2 60.5
148 62.4 31.2 93.6

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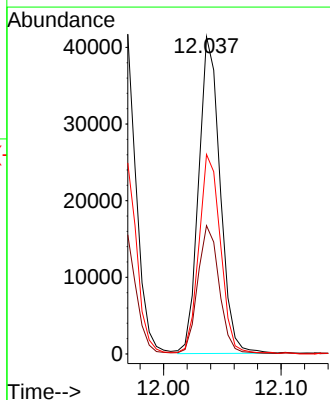
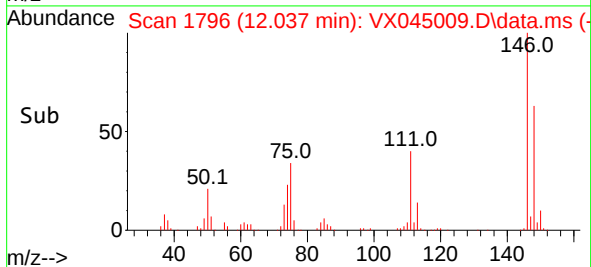
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

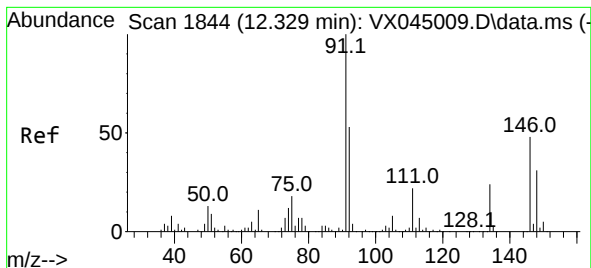


#84
1,4-Dichlorobenzene
Concen: 19.714 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21



Tgt Ion:146 Resp: 52302
Ion Ratio Lower Upper
146 100
111 40.8 20.4 61.2
148 63.6 31.8 95.4





#85

n-Butylbenzene

Concen: 19.087 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX045009.D

Acq: 21 Feb 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 91 Resp: 9255

Ion Ratio Lower Upper

91 100

92 52.6 0.0 105.2

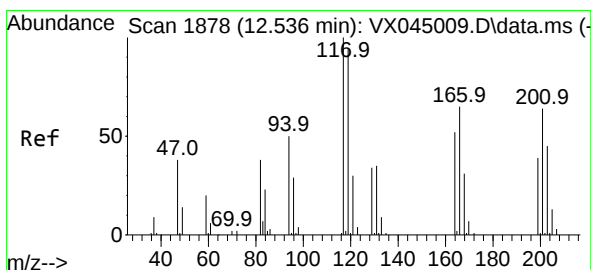
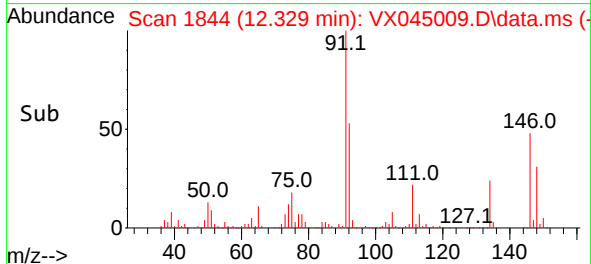
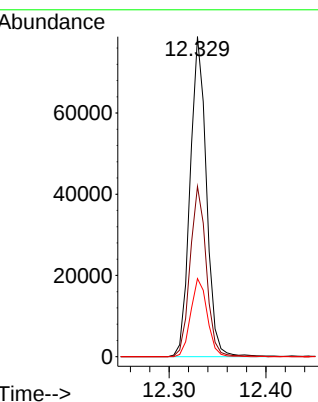
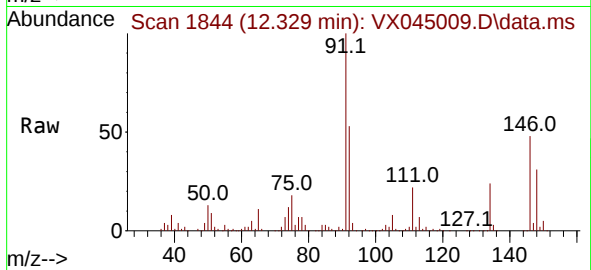
134 24.7 0.0 49.4

Manual Integrations

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Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#86

Hexachloroethane

Concen: 18.410 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX045009.D

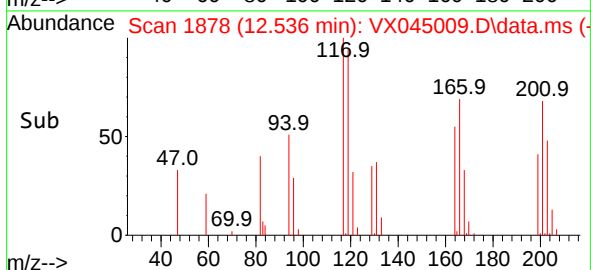
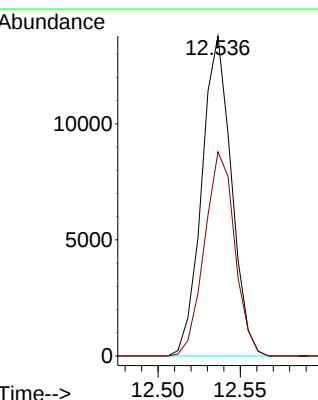
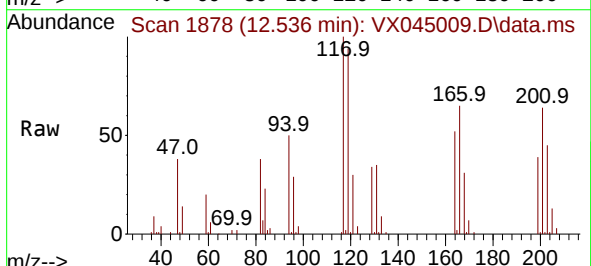
Acq: 21 Feb 2025 10:21

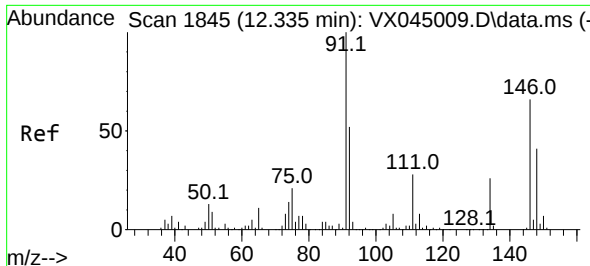
Tgt Ion:117 Resp: 17240

Ion Ratio Lower Upper

117 100

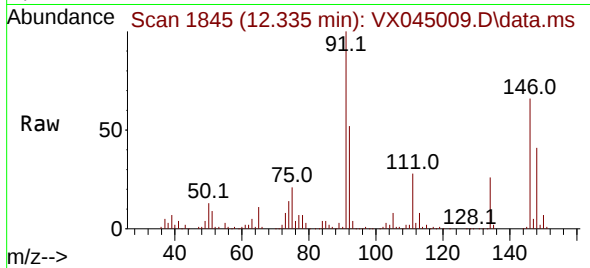
201 65.1 32.6 97.7





#87
1,2-Dichlorobenzene
Concen: 20.126 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

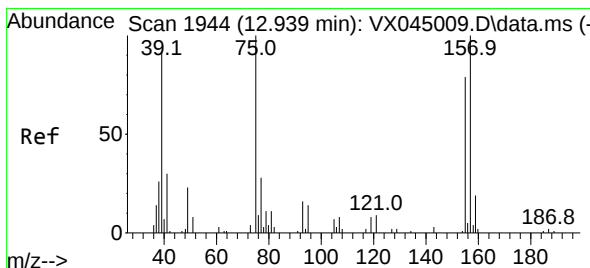
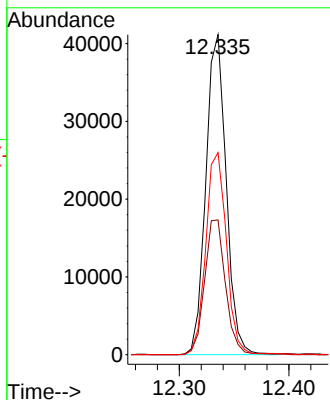
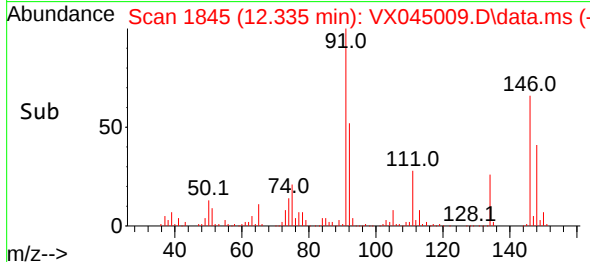
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



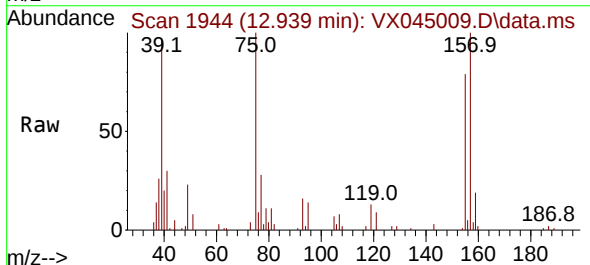
Tgt Ion:146 Resp: 53134
Ion Ratio Lower Upper
146 100
111 43.4 21.7 65.1
148 63.6 31.8 95.4

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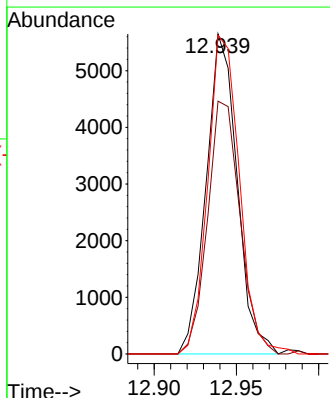
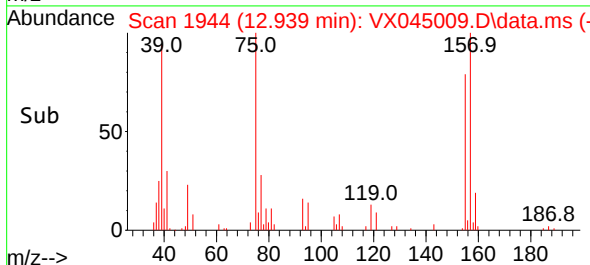
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

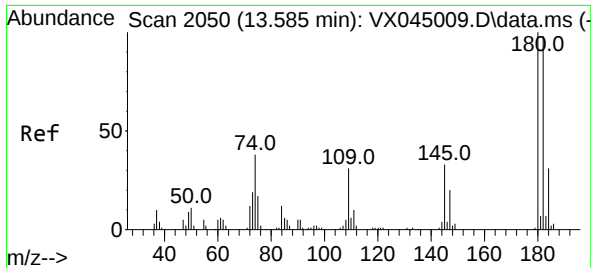


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.485 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21



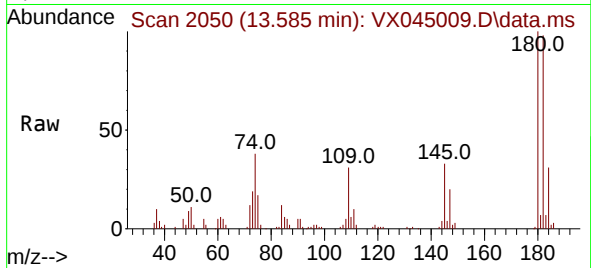
Tgt Ion: 75 Resp: 7393
Ion Ratio Lower Upper
75 100
155 82.8 66.2 99.4
157 101.8 81.4 122.2





#89
1,2,4-Trichlorobenzene
Concen: 18.760 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

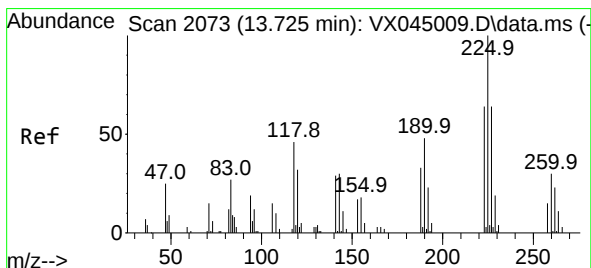
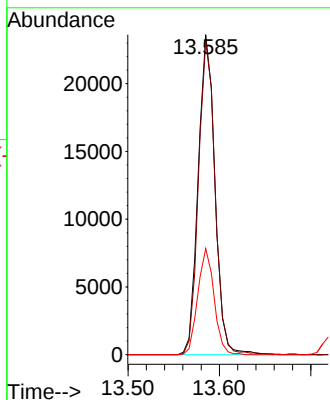
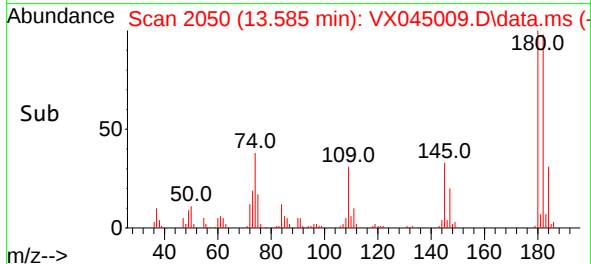
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



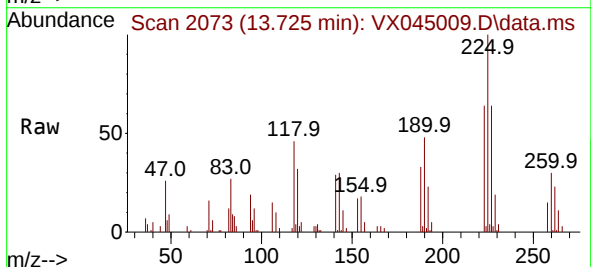
Tgt Ion:180 Resp: 30018
Ion Ratio Lower Upper
180 100
182 97.1 77.7 116.5
145 32.2 25.8 38.6

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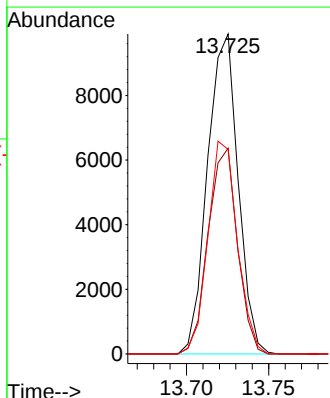
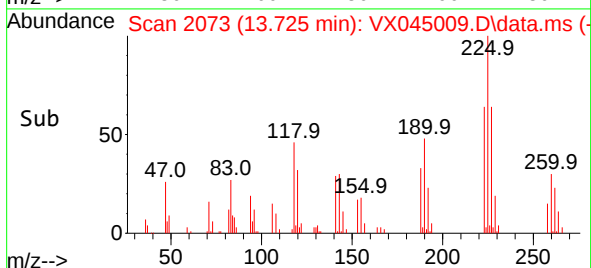
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

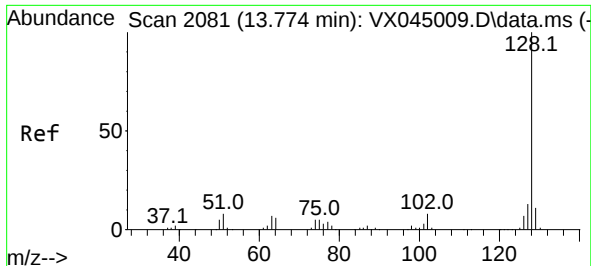


#90
Hexachlorobutadiene
Concen: 19.649 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21



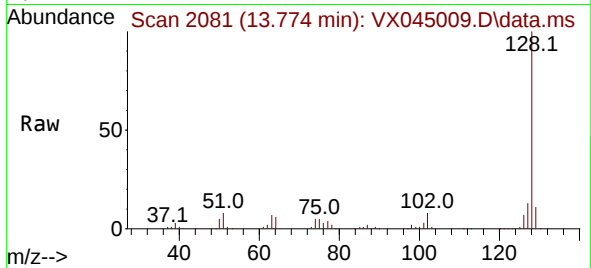
Tgt Ion:225 Resp: 12822
Ion Ratio Lower Upper
225 100
223 61.7 0.0 123.4
227 63.7 0.0 127.4





#91
Naphthalene
Concen: 19.291 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

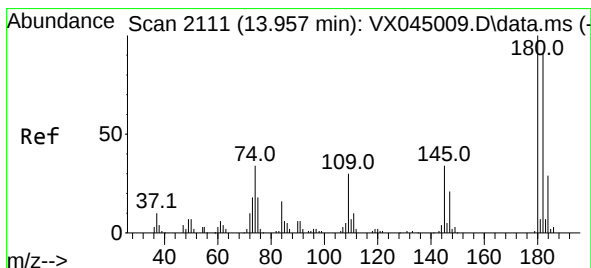
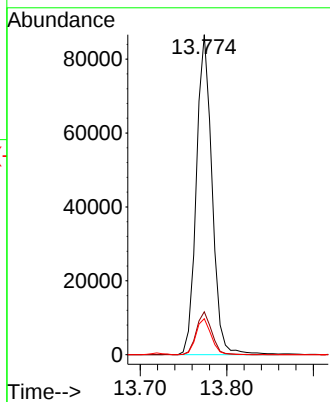
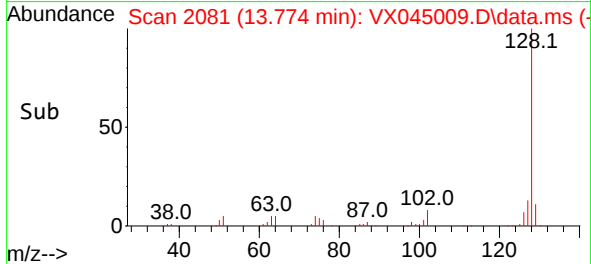
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:128 Resp: 108844
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 19.437 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045009.D
Acq: 21 Feb 2025 10:21

Tgt Ion:180 Resp: 32019
Ion Ratio Lower Upper
180 100
182 93.3 0.0 186.6
145 34.2 0.0 68.4

