

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061523\
 Data File : VX036176.D
 Acq On : 15 Jun 2023 18:12
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Jun 16 07:58:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:36:37 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/16/2023
 Supervised By : Mahesh Dadoda 06/16/2023

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

Internal Standards						
1) Bromochloromethane	4.898	128	38463	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	225590	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	207764	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	114962	35.972	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 119.900%#			
60) 4-Bromofluorobenzene	11.079	95	107353	30.793	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.633%			
63) Toluene-d8	8.647	98	269257	29.315	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 97.733%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	33405	16.984	ug/l	98
3) Chloromethane	1.295	50	37460	15.524	ug/l	96
4) Vinyl Chloride	1.374	62	34756	15.327	ug/l	95
5) Bromomethane	1.618	94	22439	14.710	ug/l	100
6) Chloroethane	1.691	64	21040	14.718	ug/l	98
7) Trichlorofluoromethane	1.886	101	53441	15.546	ug/l	98
8) Diethyl Ether	2.130	74	24048	16.826	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	32458	17.550	ug/l	96
10) 1,1-Dichloroethene	2.319	96	30928	16.041	ug/l	94
11) Methyl Iodide	2.453	142	32969	14.155	ug/l	96
12) Methyl Acetate	2.709	43	106679	19.581	ug/l	95
13) Acrolein	2.240	56	40639	94.363	ug/l	100
14) Acrylonitrile	3.075	53	124562	91.205	ug/l	99
15) Acetone	2.404	58	31907	78.106	ug/l	92
16) Carbon Disulfide	2.514	76	59795	14.290	ug/l	96
17) Allyl chloride	2.666	41	67851	17.443	ug/l	92
18) Methylene Chloride	2.788	84	40205	16.012	ug/l	94
19) trans-1,2-Dichloroethene	3.093	96	35319	16.250	ug/l	93
20) Diisopropyl ether	3.758	45	150833	17.962	ug/l	94
21) 1,1-Dichloroethane	3.611	63	77480	17.603	ug/l	97
22) cis-1,2-Dichloroethene	4.489	96	44586	16.578	ug/l	94
23) tert-Butyl Alcohol	3.032	59	49040m	98.368	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	147010	18.918	ug/l	94
25) Chloroform	5.093	83	84941	18.806	ug/l	98
26) Cyclohexane	5.471	56	50598	15.200	ug/l #	98
29) 1,1-Dichloropropene	5.690	75	52373	16.672	ug/l	96
30) 2-Butanone	4.574	43	176355	85.758	ug/l	99
31) 2,2-Dichloropropane	4.477	77	58989	17.478	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	66700	18.182	ug/l	98
33) Carbon Tetrachloride	5.678	117	51581	17.806	ug/l	97
34) Benzene	6.038	78	161935	16.340	ug/l	99
35) Methacrylonitrile	4.922	41	40315	18.372	ug/l	96
36) 1,2-Dichloroethane	6.086	62	76289	19.780	ug/l	97
37) Trichloroethene	7.123	130	38430	15.427	ug/l	87
38) Methylcyclohexane	7.379	83	49155	14.268	ug/l	94
39) 1,2-Dichloropropane	7.428	63	44195	16.568	ug/l	95
40) Dibromomethane	7.580	93	31810	17.632	ug/l	94
41) Bromodichloromethane	7.824	83	61138	18.745	ug/l #	99
42) Vinyl Acetate	3.721	43	529539	87.666	ug/l	99

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 ClientSampleId :
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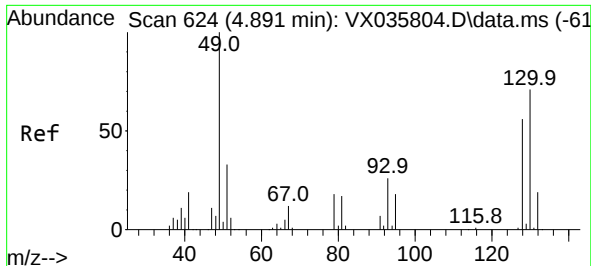
Manual Integrations
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 Supervised By : Mahesh Dadoda 06/16/2023

Quant Time: Jun 16 07:58:33 2023
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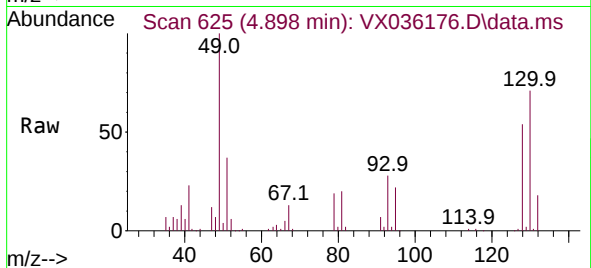
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	69953	17.837	ug/l	99
44) Isopropyl Acetate	6.342	43	114768	17.953	ug/l	97
45) 1,4-Dioxane	7.739	88	18842	310.317	ug/l #	66
46) Methyl methacrylate	7.696	41	56874	18.413	ug/l	97
47) n-amyl Acetate	10.842	43	94425	17.585	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	62085	17.206	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	68264	17.143	ug/l	96
50) 1,1,2-Trichloroethane	9.153	97	44310	17.167	ug/l	98
51) Ethyl methacrylate	9.116	69	70466	17.710	ug/l	96
52) 1,3-Dichloropropane	9.305	76	80743	17.951	ug/l	98
53) Dibromochloromethane	9.519	129	42410	17.917	ug/l	98
54) 1,2-Dibromoethane	9.610	107	47215	17.607	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	195827	92.744	ug/l	99
56) Bromoform	10.799	173	27070	17.641	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	370418	91.789	ug/l	99
59) 2-Hexanone	9.433	43	275021	90.571	ug/l	98
61) Tetrachloroethene	9.275	164	30565	15.276	ug/l	95
62) Toluene	8.720	91	173464	16.213	ug/l	98
64) Chlorobenzene	10.080	112	110469	16.303	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	40043	16.903	ug/l	98
66) Ethyl Benzene	10.195	91	199843	16.701	ug/l	99
67) m/p-Xylenes	10.299	106	150572	33.245	ug/l	98
68) o-Xylene	10.640	106	75358	16.634	ug/l	96
69) Styrene	10.653	104	124600	16.664	ug/l	96
70) Isopropylbenzene	10.964	105	195329	16.891	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.214	83	72601	17.725	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	69578m	19.505	ug/l	
73) Bromobenzene	11.195	156	45608	16.234	ug/l	85
74) n-propylbenzene	11.305	91	227265	16.488	ug/l	99
75) 2-Chlorotoluene	11.366	91	149475	17.654	ug/l	95
76) 1,3,5-Trimethylbenzene	11.451	105	169155	17.223	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	16681	15.501	ug/l	92
78) 4-Chlorotoluene	11.451	91	173324	17.969	ug/l	96
79) tert-butylbenzene	11.713	119	157429	16.604	ug/l	95
80) 1,2,4-Trimethylbenzene	11.750	105	172146	17.441	ug/l	97
81) sec-Butylbenzene	11.890	105	190851	15.943	ug/l	99
82) p-Isopropyltoluene	12.006	119	162128	16.280	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	84161	15.828	ug/l	95
84) 1,4-Dichlorobenzene	12.043	146	86851	16.274	ug/l	98
85) n-Butylbenzene	12.329	91	138898	15.677	ug/l	98
86) Hexachloroethane	12.536	117	24214	15.440	ug/l	91
87) 1,2-Dichlorobenzene	12.335	146	86599	16.623	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	12.945	75	15395	19.666	ug/l #	82
89) 1,2,4-Trichlorobenzene	13.585	180	47805	15.311	ug/l	98
90) Hexachlorobutadiene	13.725	225	16697	14.507	ug/l	98
91) Naphthalene	13.774	128	175796	16.271	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	47937	15.378	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

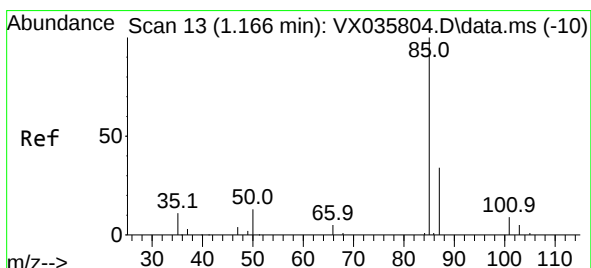
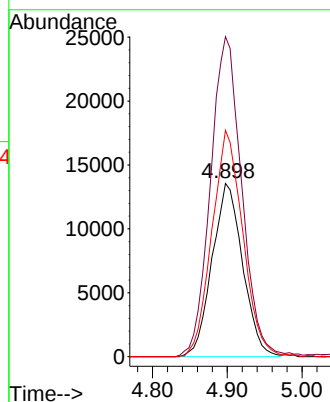
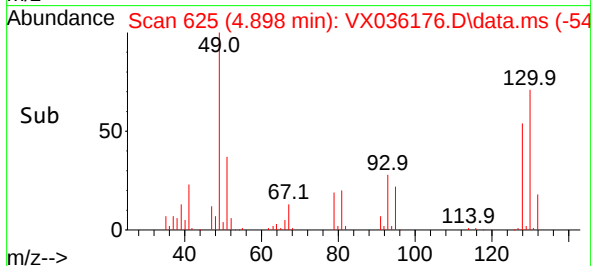
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 3846
Ion Ratio Lower Upper
128 100
49 188.5 0.0 428.8
130 132.6 0.0 310.8

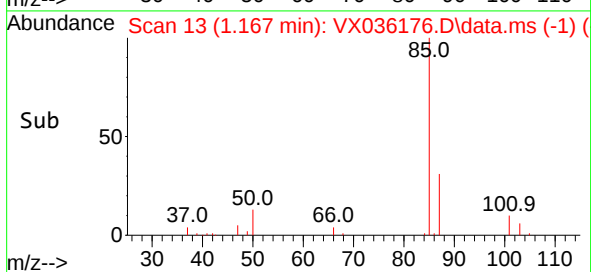
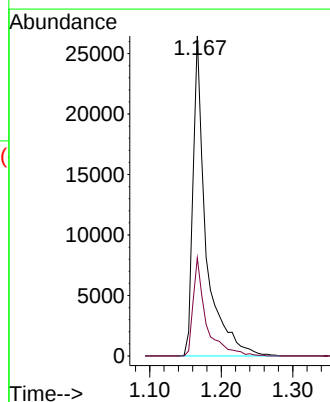
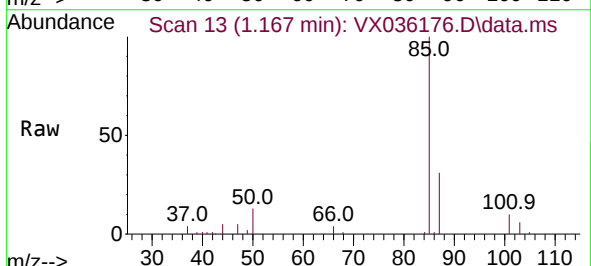
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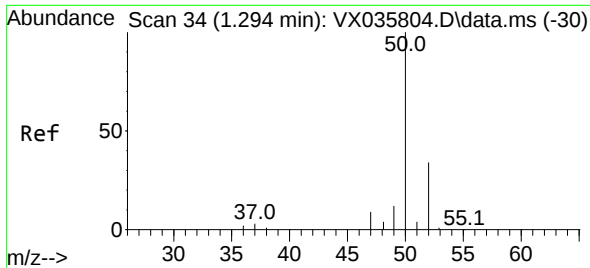
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#2
Dichlorodifluoromethane
Concen: 16.984 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

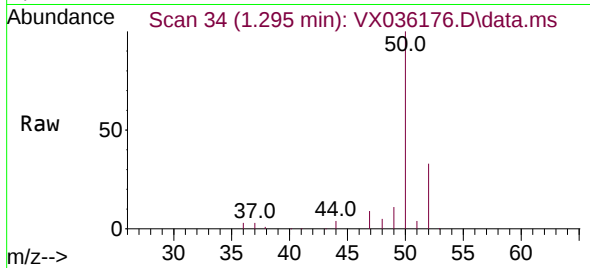
Tgt Ion: 85 Resp: 33405
Ion Ratio Lower Upper
85 100
87 30.7 16.0 48.0





#3
Chloromethane
Concen: 15.524 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

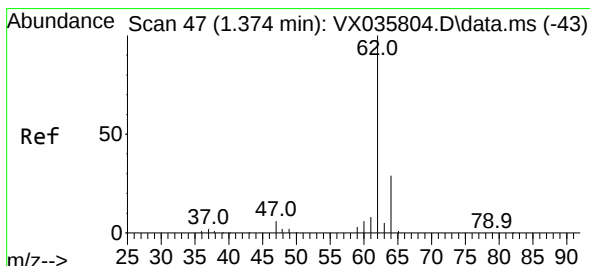
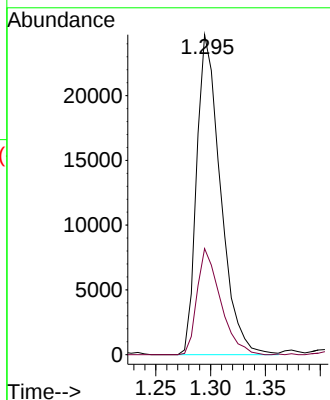
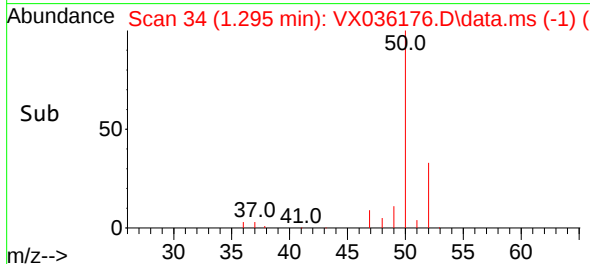
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 50 Resp: 37460
Ion Ratio Lower Upper
50 100
52 33.1 24.6 36.8

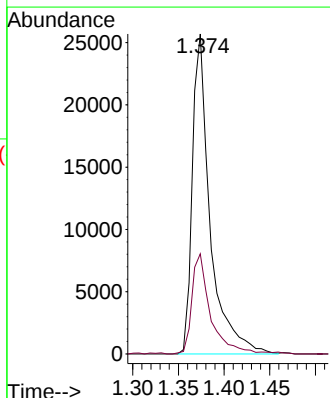
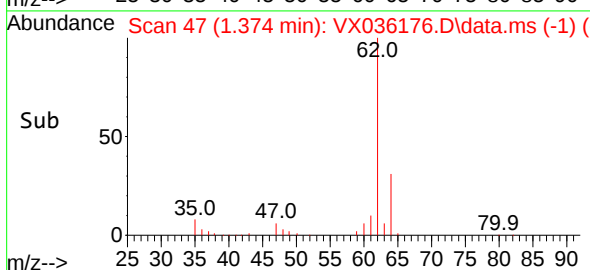
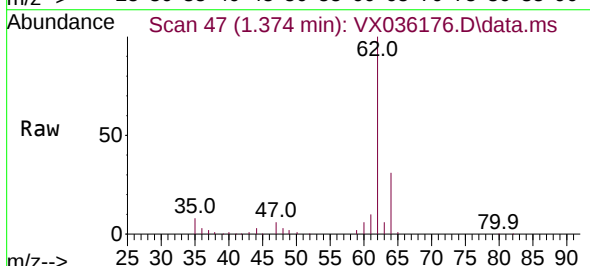
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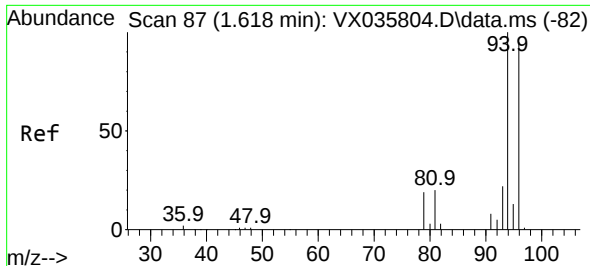
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#4
Vinyl Chloride
Concen: 15.327 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

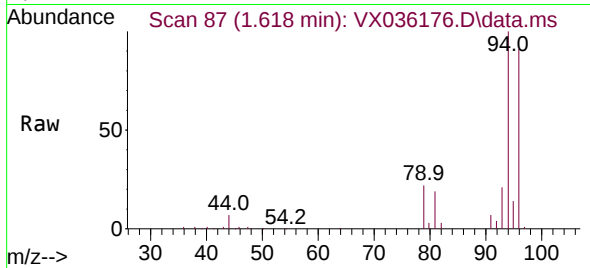
Tgt Ion: 62 Resp: 34756
Ion Ratio Lower Upper
62 100
64 31.0 26.9 40.3





#5
Bromomethane
Concen: 14.710 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

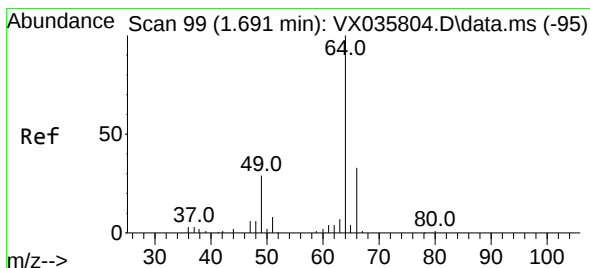
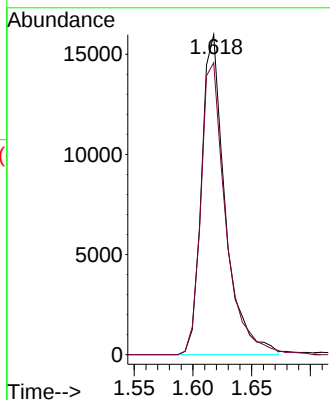
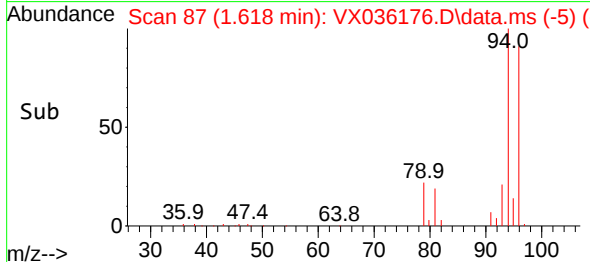
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ClientSampleId :
VSTDCCC020EC



Tgt Ion: 94 Resp: 22439
Ion Ratio Lower Upper
94 100
96 91.2 73.4 110.0

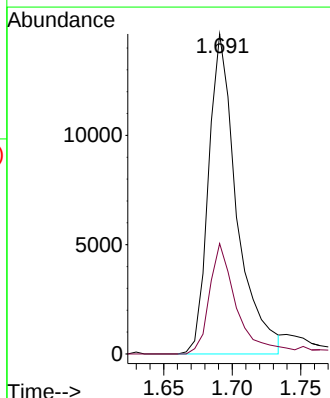
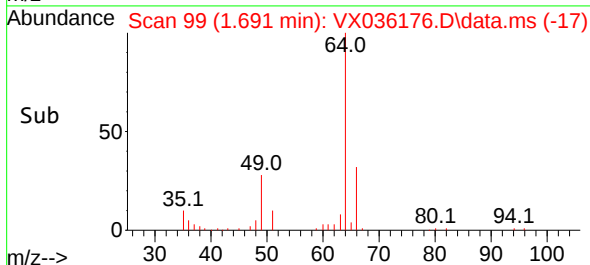
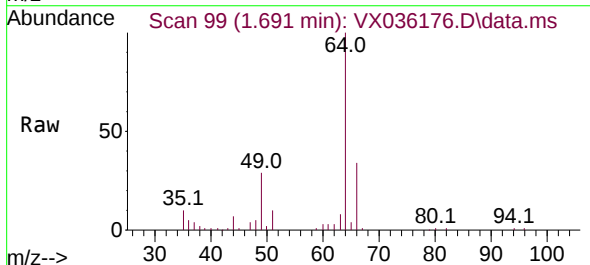
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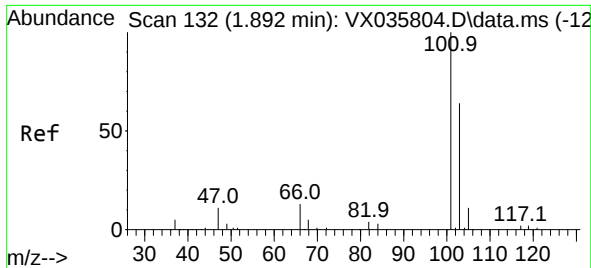
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#6
Chloroethane
Concen: 14.718 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

Tgt Ion: 64 Resp: 21040
Ion Ratio Lower Upper
64 100
66 34.5 26.6 40.0





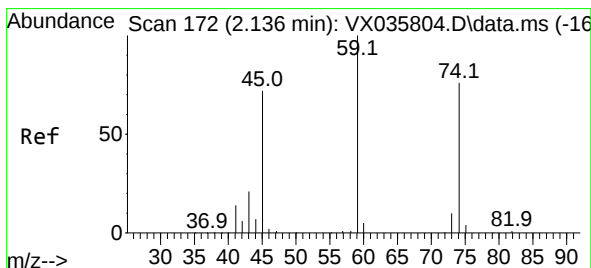
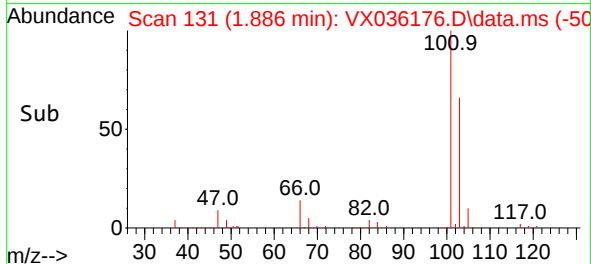
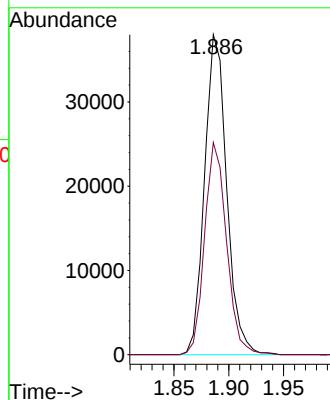
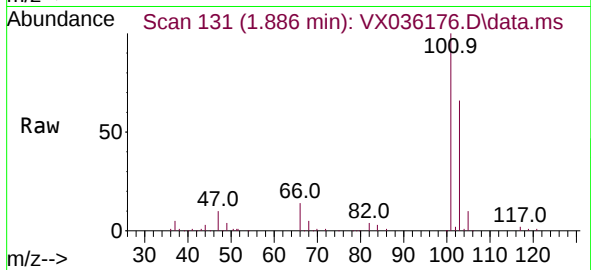
#7
Trichlorofluoromethane
Concen: 15.546 ug/l
RT: 1.886 min Scan# 111
Delta R.T. -0.006 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 5344
Ion Ratio Lower Upper
101 100
103 66.3 52.1 78.1

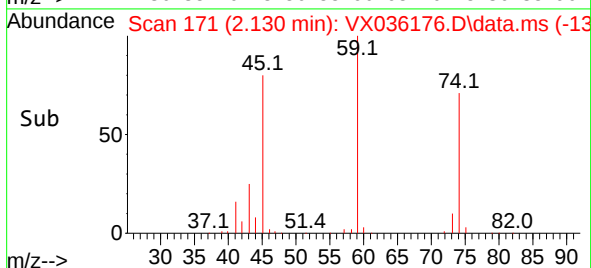
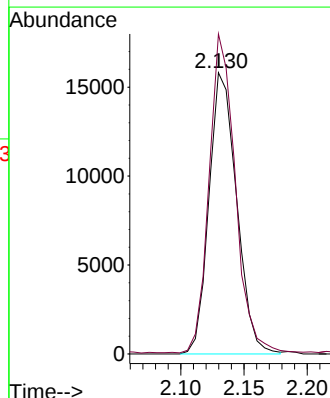
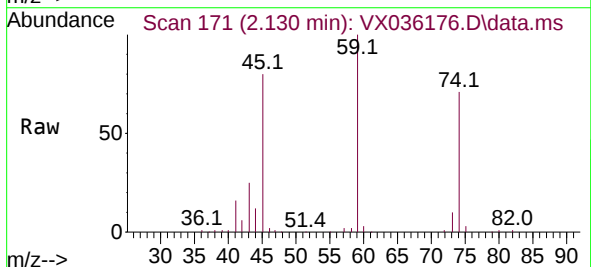
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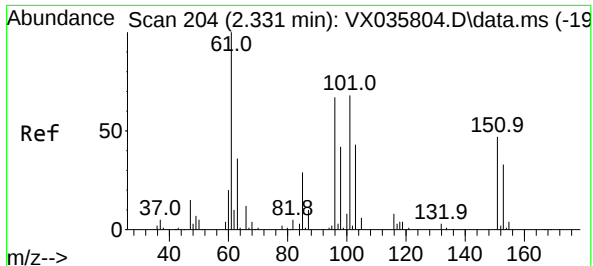
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#8
Diethyl Ether
Concen: 16.826 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

Tgt Ion: 74 Resp: 24048
Ion Ratio Lower Upper
74 100
45 108.5 20.5 184.5





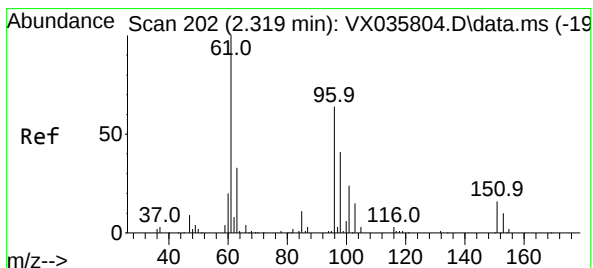
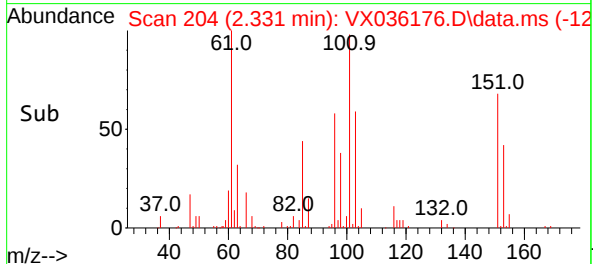
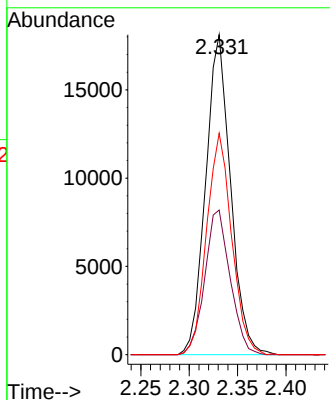
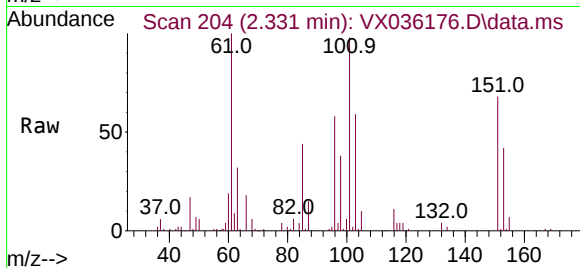
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.550 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 3245
Ion Ratio Lower Upper
101 100
85 46.1 0.0 88.8
151 69.6 0.0 147.6

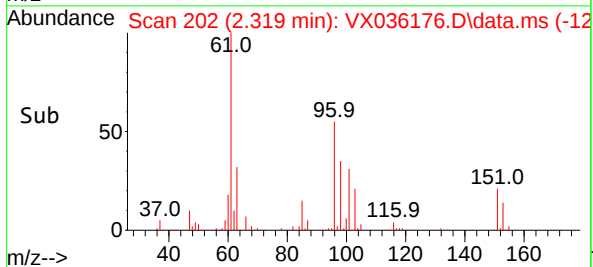
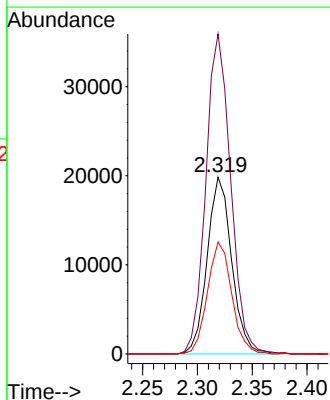
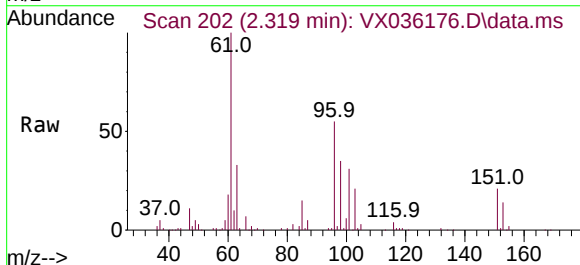
Manual Integrations
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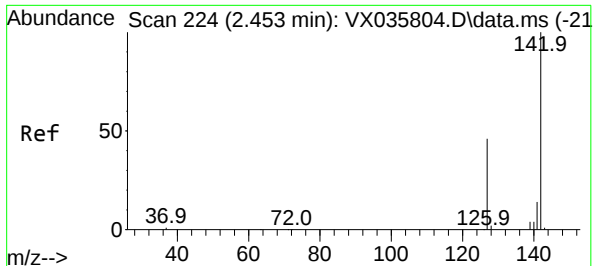
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#10
1,1-Dichloroethene
Concen: 16.041 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

Tgt Ion: 96 Resp: 30928
Ion Ratio Lower Upper
96 100
61 181.0 135.8 203.6
98 63.3 49.8 74.6





#11

Methyl Iodide

Concen: 14.155 ug/l

RT: 2.453 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX036176.D

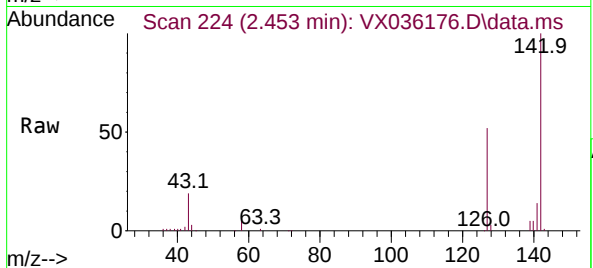
Acq: 15 Jun 2023 18:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



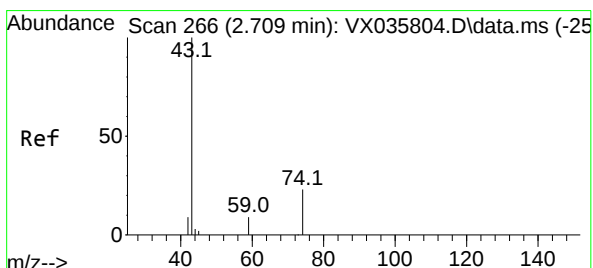
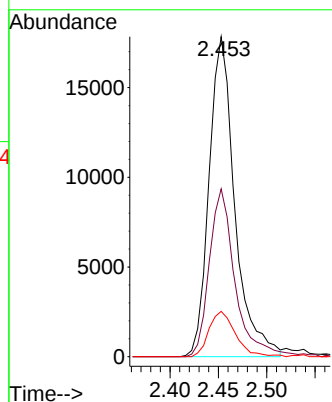
Tgt Ion:	142	Resp:	32969
Ion	Ratio	Lower	Upper
142	100		
127	52.2	24.5	73.5
141	14.1	7.6	22.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#12

Methyl Acetate

Concen: 19.581 ug/l

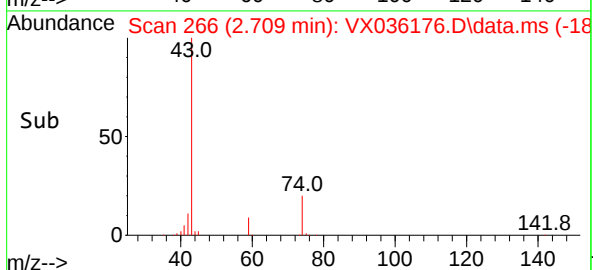
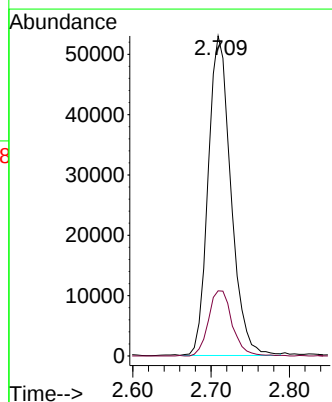
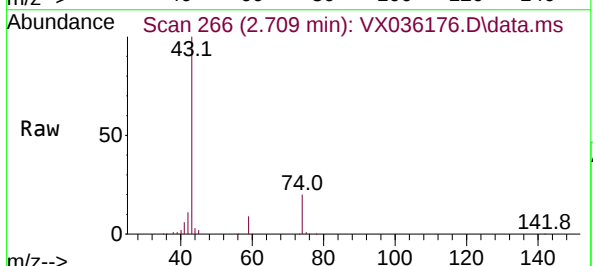
RT: 2.709 min Scan# 266

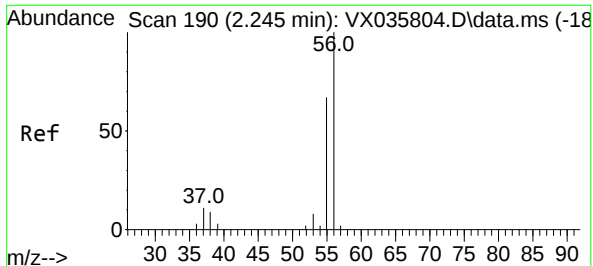
Delta R.T. 0.000 min

Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

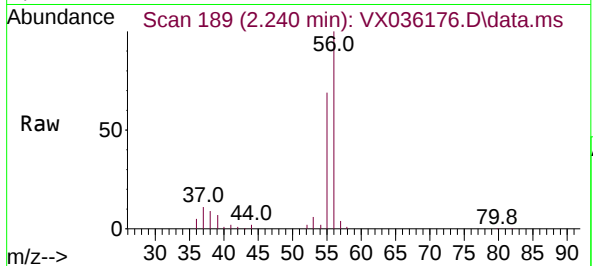
Tgt Ion:	43	Resp:	106679
Ion	Ratio	Lower	Upper
43	100		
74	20.3	18.0	27.0





#13
Acrolein
Concen: 94.363 ug/l
RT: 2.240 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

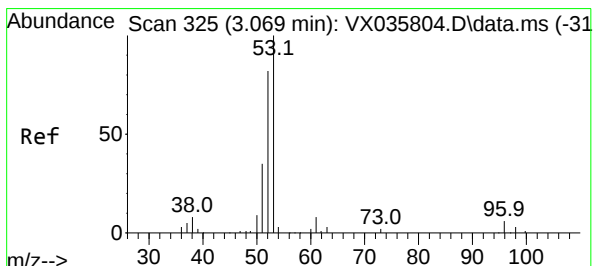
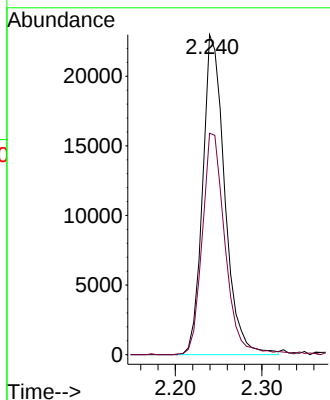
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 56 Resp: 40639
Ion Ratio Lower Upper
56 100
55 71.1 56.6 85.0

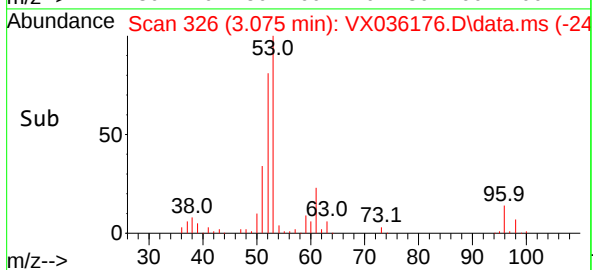
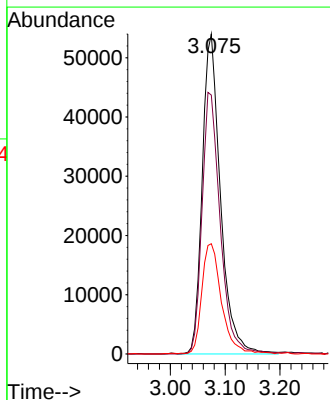
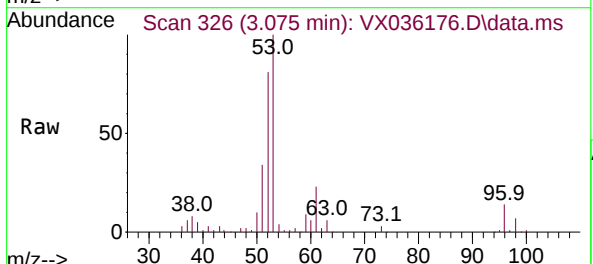
Manual Integrations
APPROVED

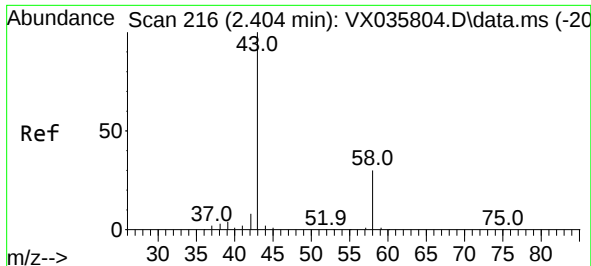
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#14
Acrylonitrile
Concen: 91.205 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.006 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

Tgt Ion: 53 Resp: 124562
Ion Ratio Lower Upper
53 100
52 81.6 41.3 123.7
51 36.1 17.9 53.7





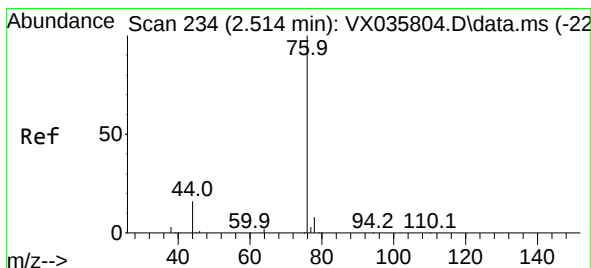
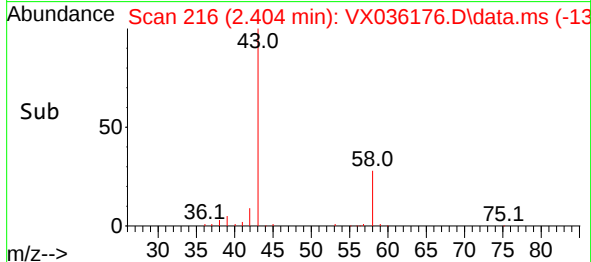
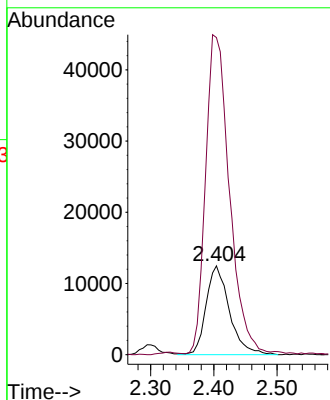
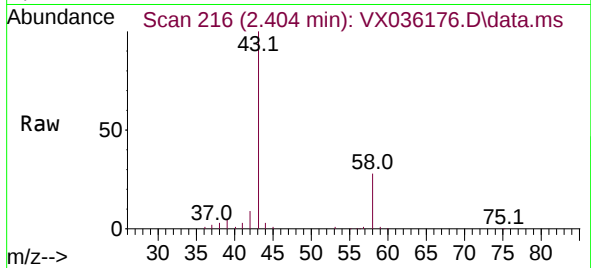
#15
Acetone
Concen: 78.106 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 58 Resp: 3190
Ion Ratio Lower Upper
58 100
43 355.5 270.8 406.2

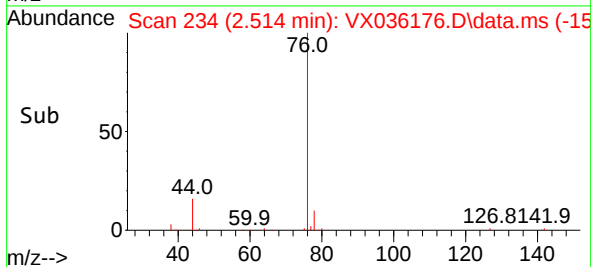
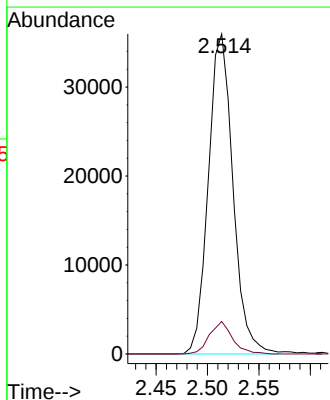
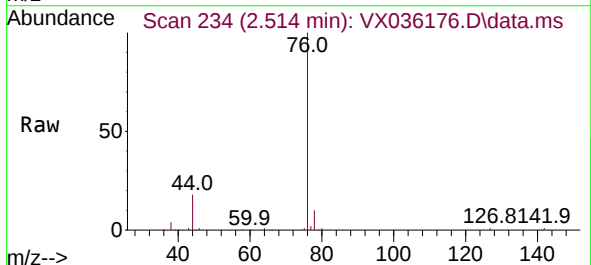
Manual Integrations
APPROVED

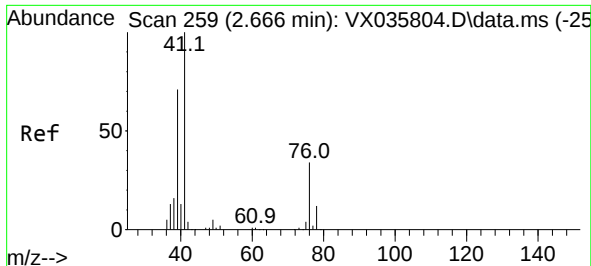
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#16
Carbon Disulfide
Concen: 14.290 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

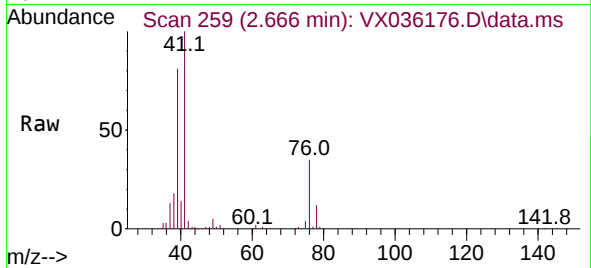
Tgt Ion: 76 Resp: 59795
Ion Ratio Lower Upper
76 100
78 10.1 7.0 10.6





#17
 Allyl chloride
 Concen: 17.443 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX036176.D
 Acq: 15 Jun 2023 18:12

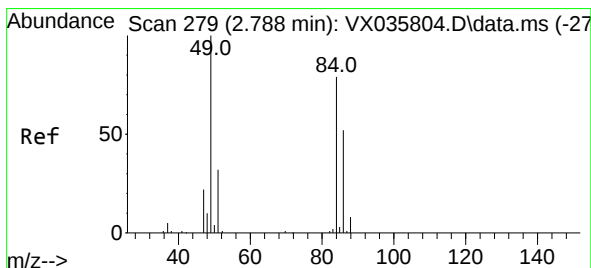
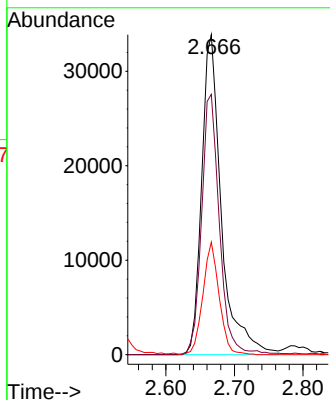
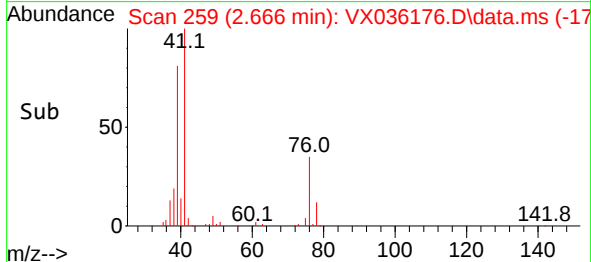
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 41 Resp: 6785
 Ion Ratio Lower Upper
 41 100
 39 81.3 36.4 109.3
 76 35.2 17.0 51.0

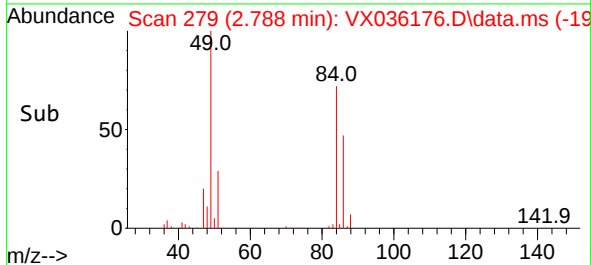
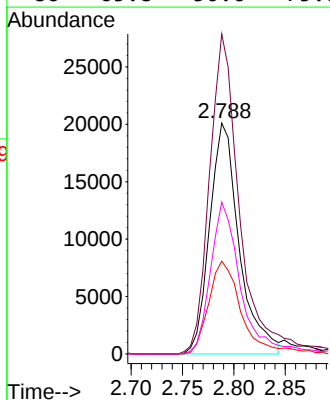
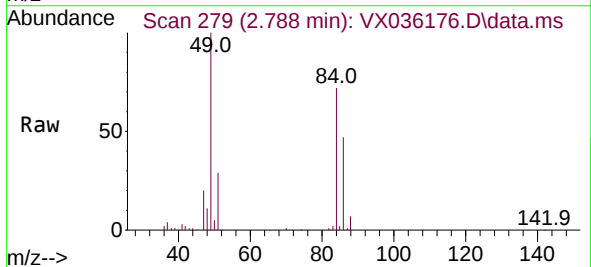
Manual Integrations
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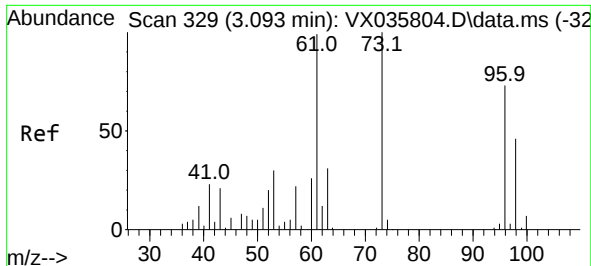
Reviewed By :John Carlone 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023



#18
 Methylene Chloride
 Concen: 16.012 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX036176.D
 Acq: 15 Jun 2023 18:12

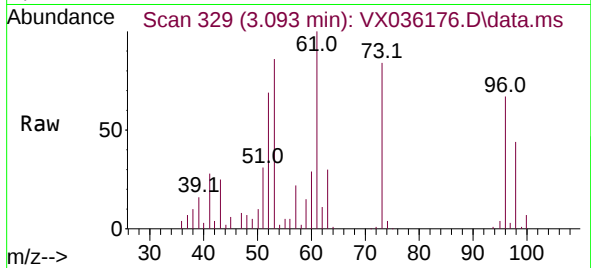
Tgt Ion: 84 Resp: 40205
 Ion Ratio Lower Upper
 84 100
 49 138.6 103.9 155.9
 51 40.2 30.6 45.8
 86 65.8 50.6 75.8





#19
trans-1,2-Dichloroethene
Concen: 16.250 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

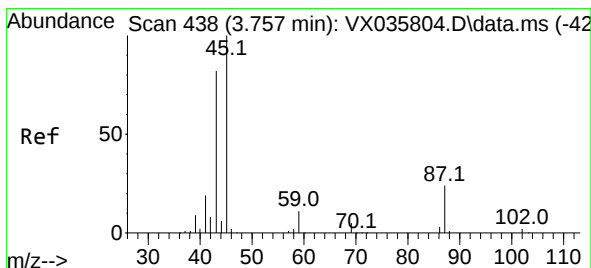
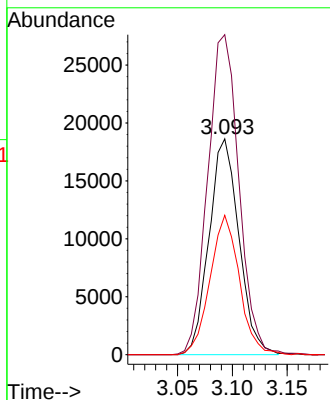
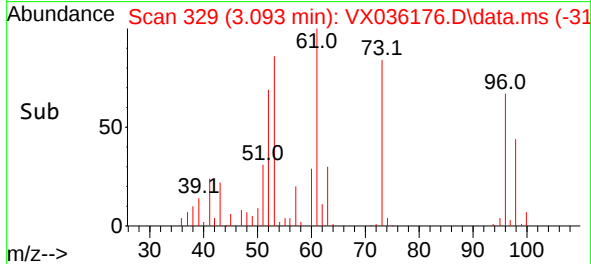
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



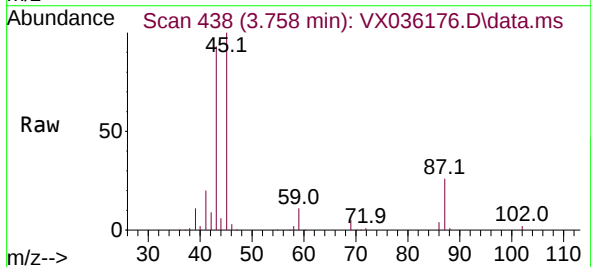
Tgt Ion: 96 Resp: 35319
Ion Ratio Lower Upper
96 100
61 147.9 111.1 166.7
98 64.6 48.6 72.8

Manual Integrations
APPROVED

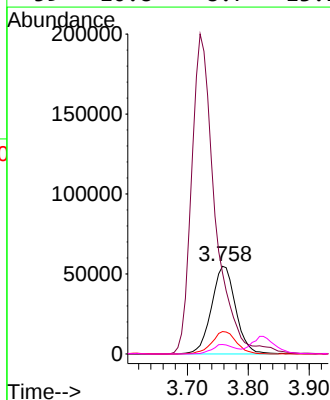
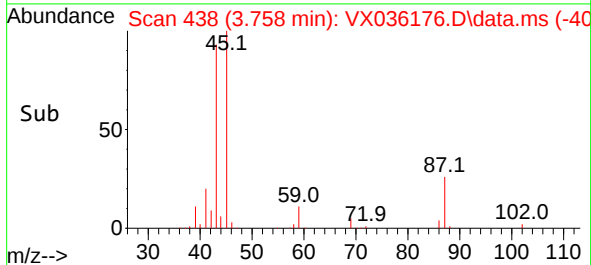
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

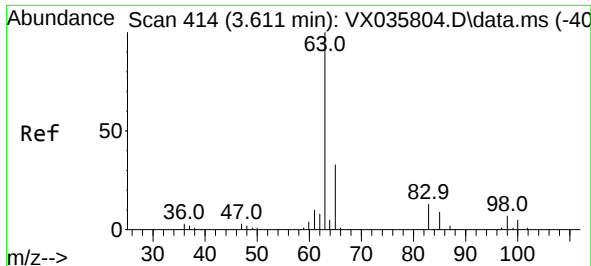


#20
Diisopropyl ether
Concen: 17.962 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12



Tgt Ion: 45 Resp: 150833
Ion Ratio Lower Upper
45 100
43 89.2 66.0 99.0
87 25.5 21.8 32.6
59 10.8 8.7 13.1





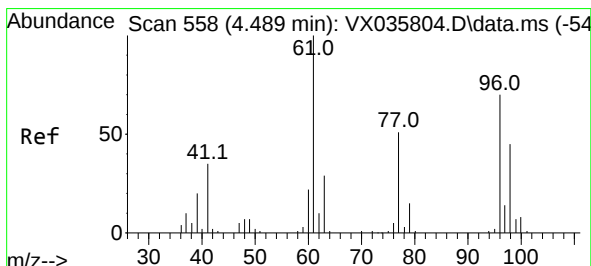
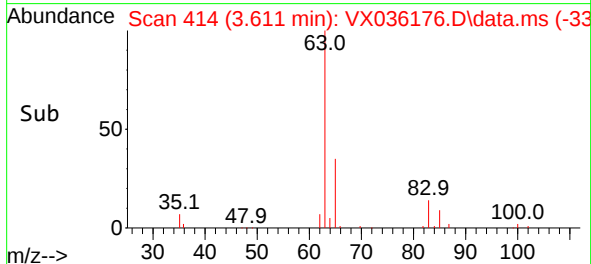
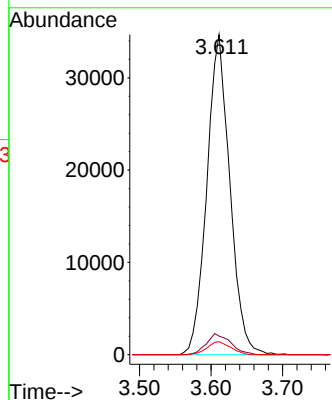
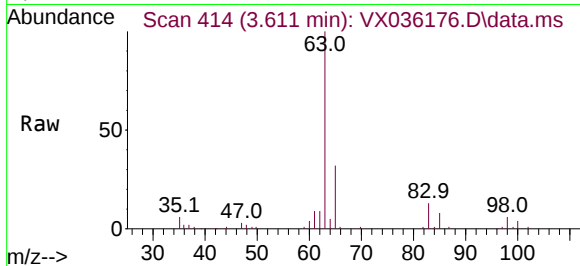
#21
1,1-Dichloroethane
Concen: 17.603 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 77480
Ion Ratio Lower Upper
63 100
98 5.8 3.5 10.6
100 4.0 2.2 6.6

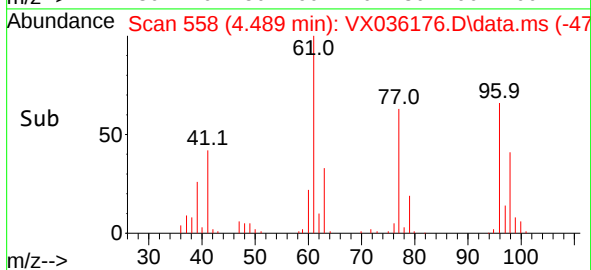
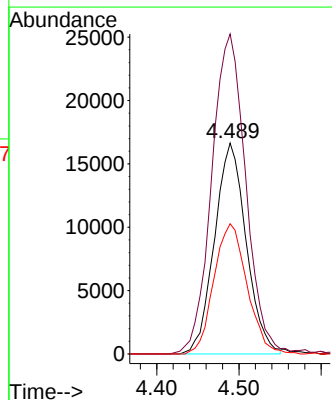
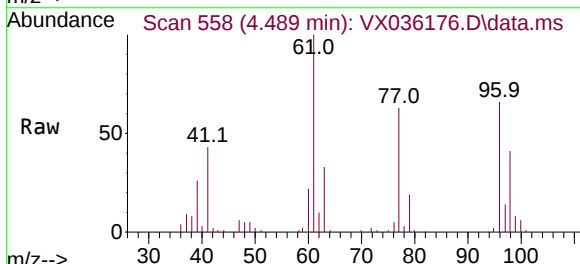
Manual Integrations
APPROVED

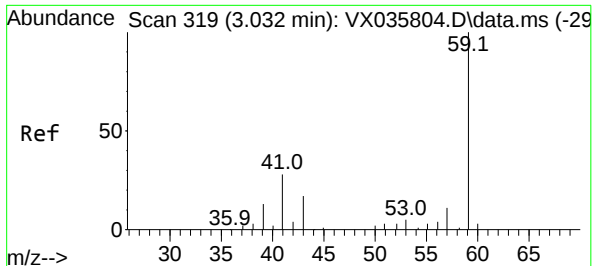
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#22
cis-1,2-Dichloroethene
Concen: 16.578 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

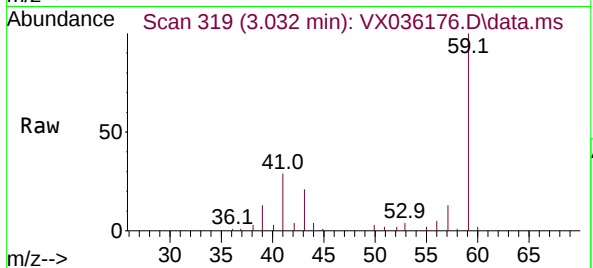
Tgt Ion: 96 Resp: 44586
Ion Ratio Lower Upper
96 100
61 162.9 121.7 182.5
98 64.5 52.2 78.2





#23
tert-Butyl Alcohol
Concen: 98.368 ug/l m
RT: 3.032 min Scan# 319
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

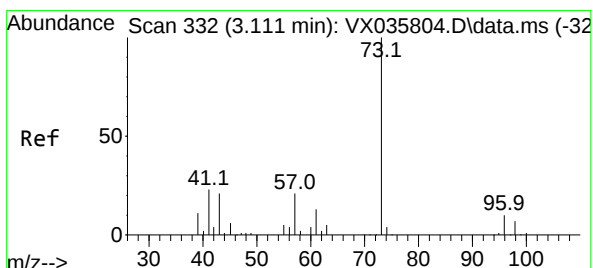
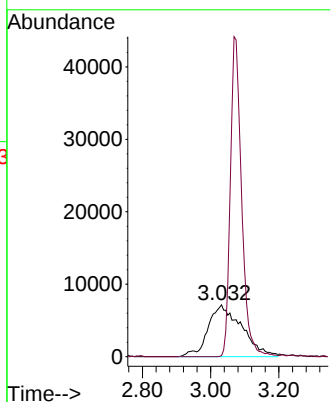
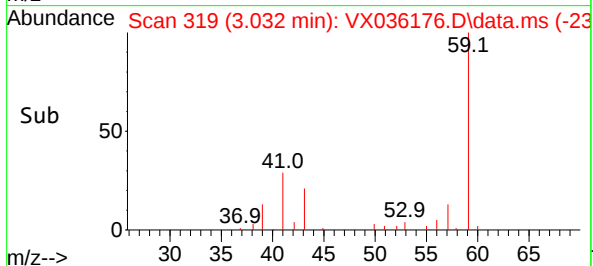
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



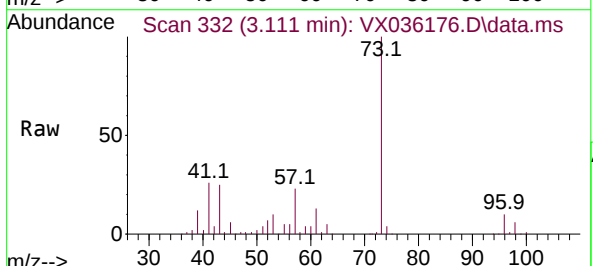
Tgt Ion: 59 Resp: 49040
Ion Ratio Lower Upper
59 100
52 207.2 0.2 0.4

Manual Integrations
APPROVED

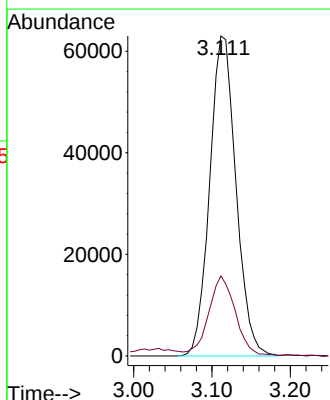
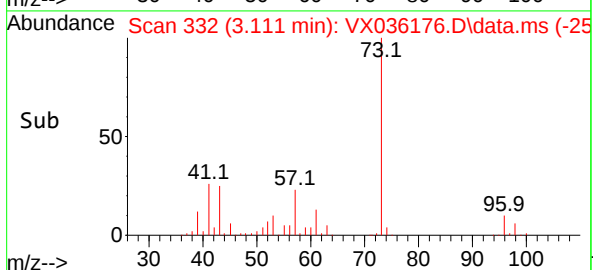
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

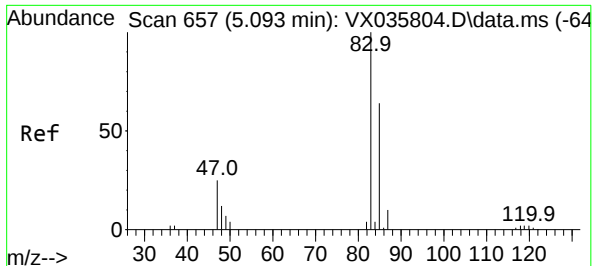


#24
Methyl tert-Butyl Ether
Concen: 18.918 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12



Tgt Ion: 73 Resp: 147010
Ion Ratio Lower Upper
73 100
43 25.4 17.9 26.9





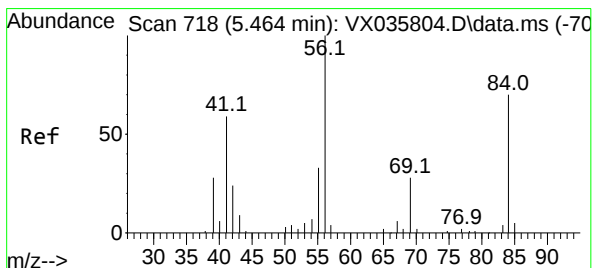
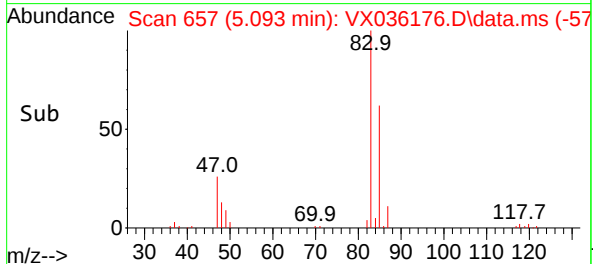
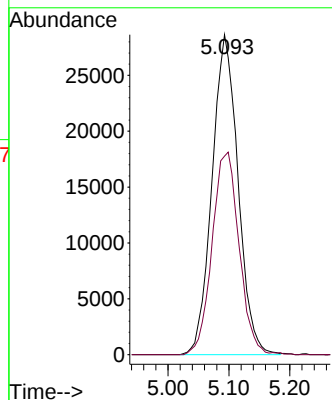
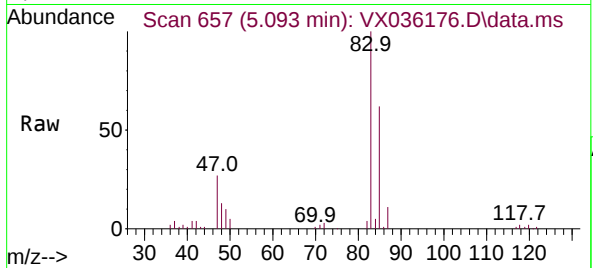
#25
Chloroform
Concen: 18.806 ug/l
RT: 5.093 min Scan# 611
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 8494
Ion Ratio Lower Upper
83 100
85 62.1 51.2 76.8

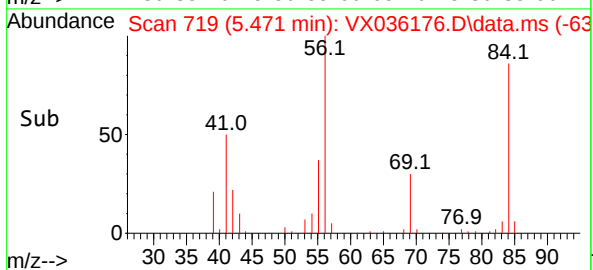
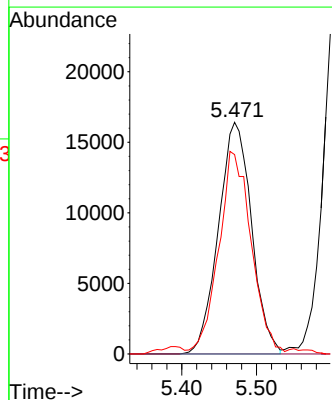
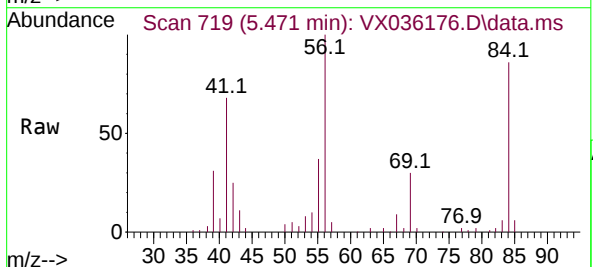
Manual Integrations
APPROVED

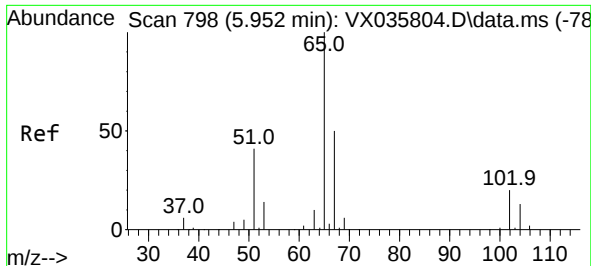
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#26
Cyclohexane
Concen: 15.200 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

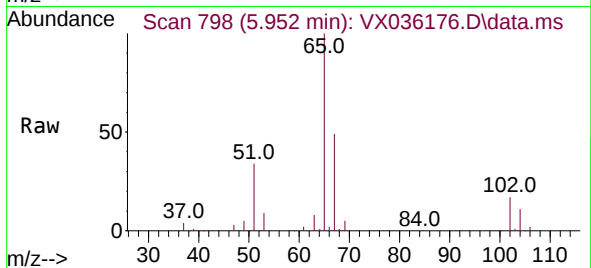
Tgt Ion: 56 Resp: 50598
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.1 67.4 101.2





#27
1,2-Dichloroethane-d4
Concen: 35.972 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

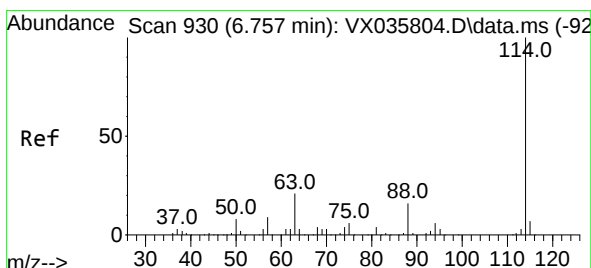
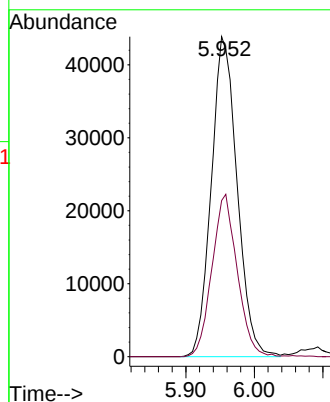
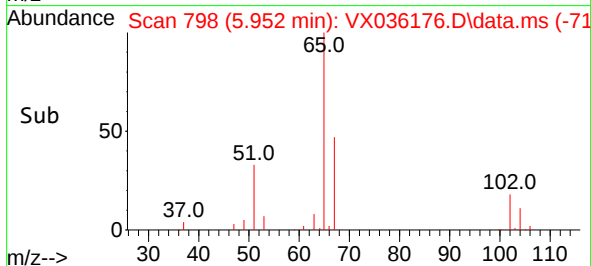
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



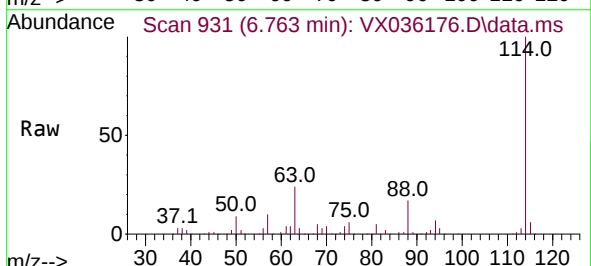
Tgt Ion: 65 Resp: 114962
Ion Ratio Lower Upper
65 100
67 49.4 40.9 61.3

Manual Integrations
APPROVED

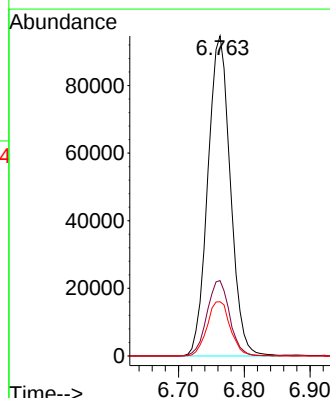
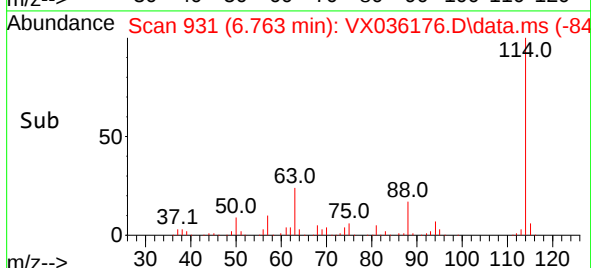
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

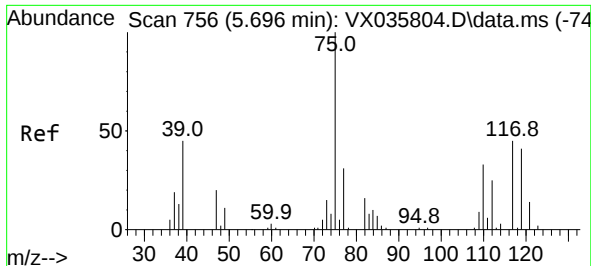


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12



Tgt Ion:114 Resp: 225590
Ion Ratio Lower Upper
114 100
63 23.6 18.0 27.0
88 17.5 13.3 19.9





#29

1,1-Dichloropropene

Concen: 16.672 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.006 min

Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 5237

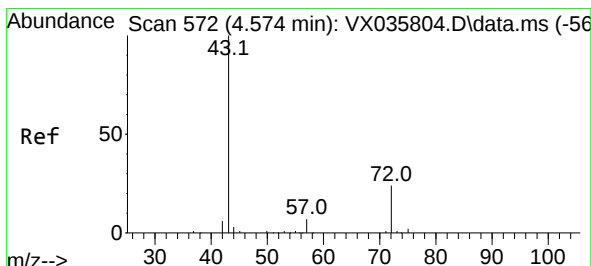
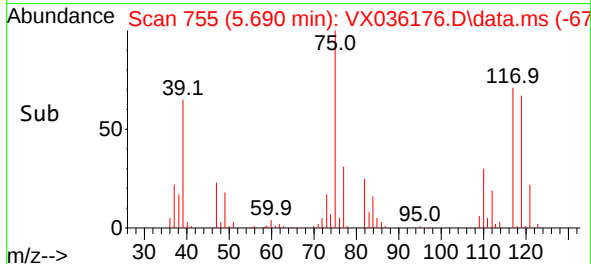
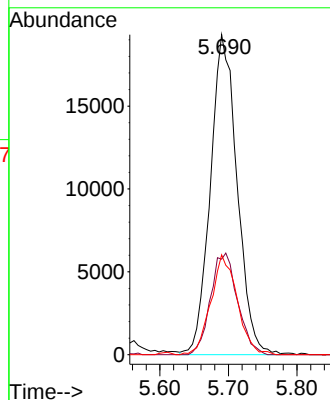
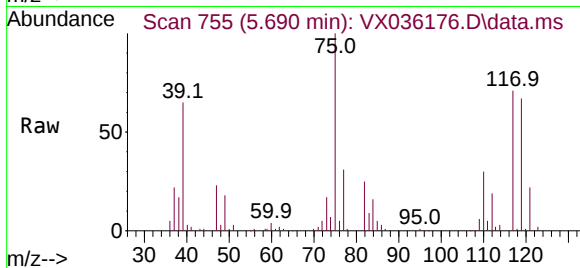
Ion	Ratio	Lower	Upper
75	100		
110	32.0	0.0	71.4
77	30.4	0.0	61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#30

2-Butanone

Concen: 85.758 ug/l

RT: 4.574 min Scan# 572

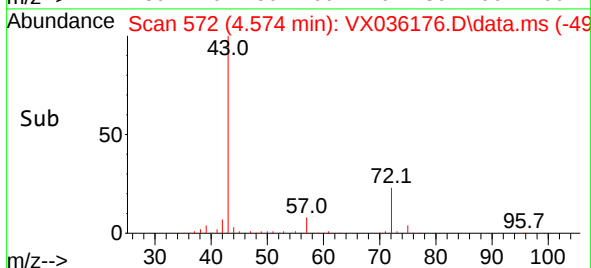
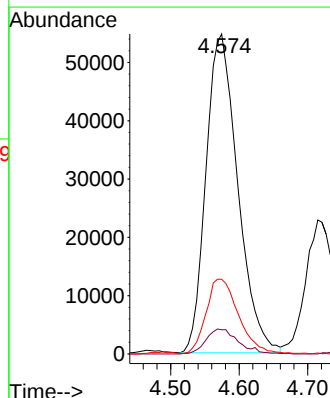
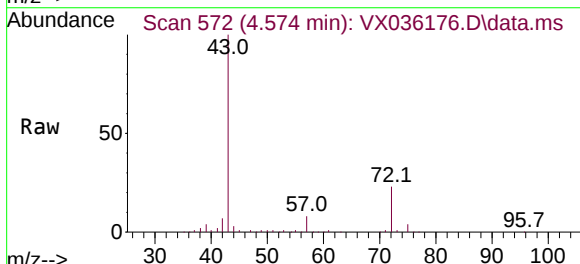
Delta R.T. 0.000 min

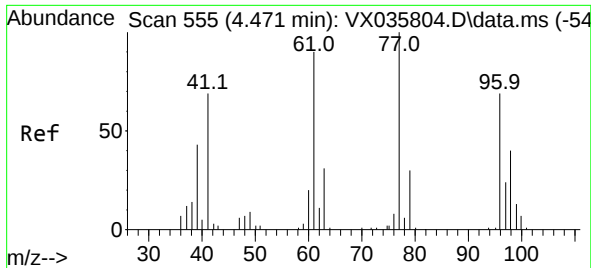
Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

Tgt Ion: 43 Resp: 176355

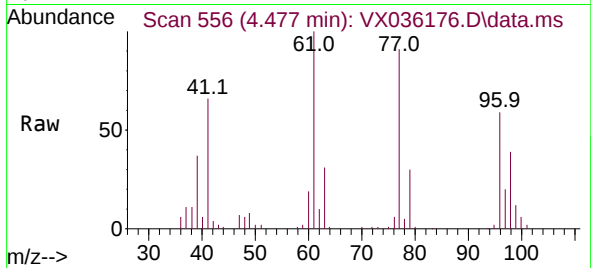
Ion	Ratio	Lower	Upper
43	100		
57	7.4	6.3	9.5
72	24.1	19.6	29.4





#31
2,2-Dichloropropane
Concen: 17.478 ug/l
RT: 4.477 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

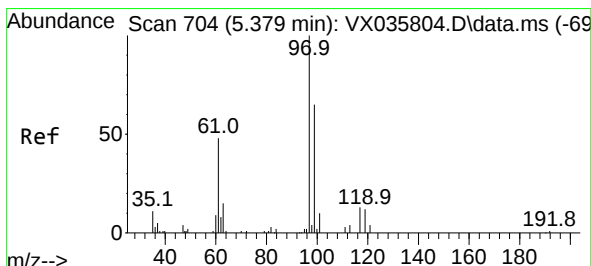
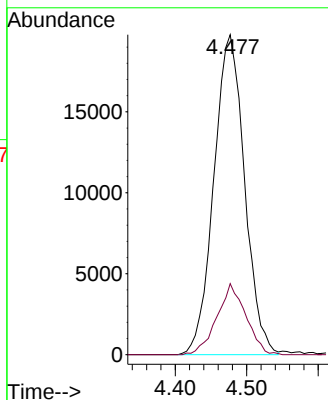
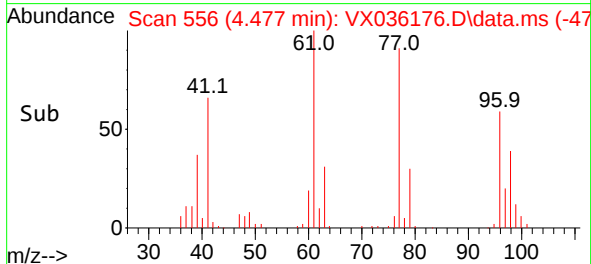
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



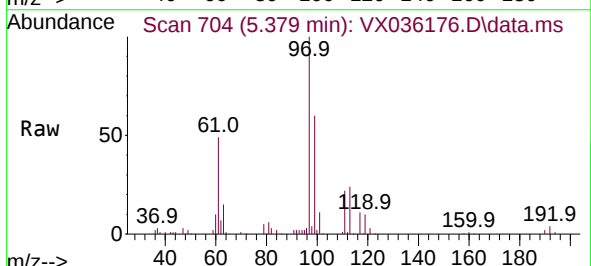
Tgt Ion: 77 Resp: 5898
Ion Ratio Lower Upper
77 100
97 20.8 18.2 27.4

Manual Integrations
APPROVED

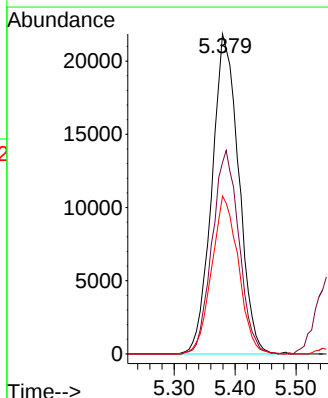
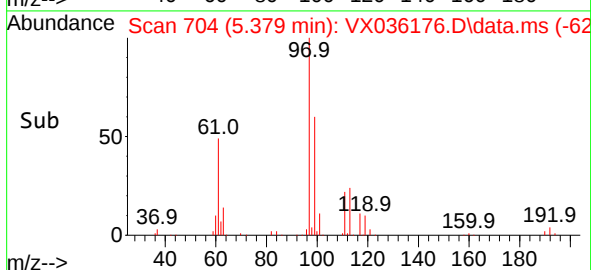
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

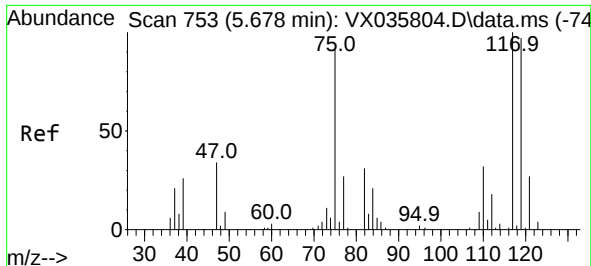


#32
1,1,1-Trichloroethane
Concen: 18.182 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12



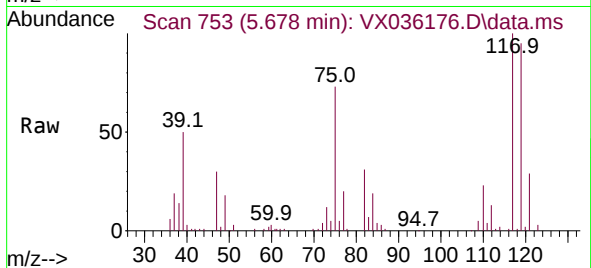
Tgt Ion: 97 Resp: 66700
Ion Ratio Lower Upper
97 100
99 63.6 51.3 76.9
61 49.1 36.6 55.0





#33
Carbon Tetrachloride
Concen: 17.806 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

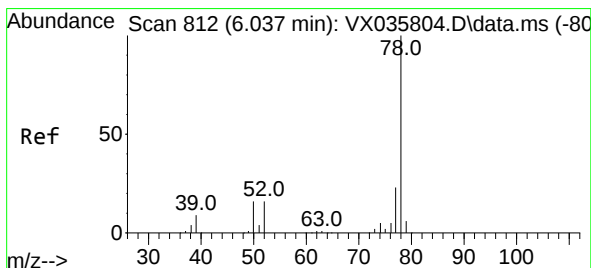
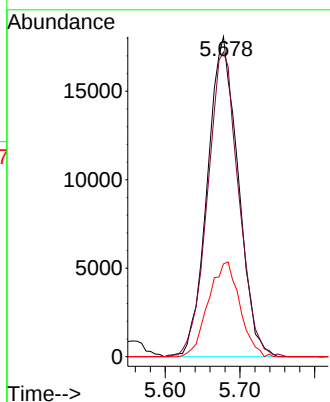
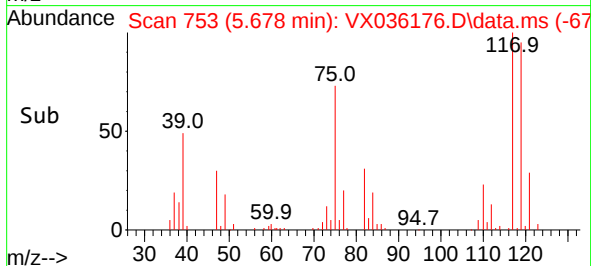
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 5158
Ion Ratio Lower Upper
117 100
119 94.6 73.3 109.9
121 29.0 24.0 36.0

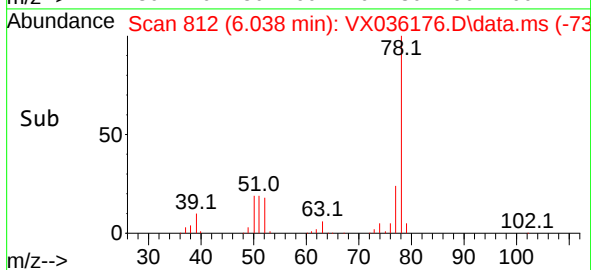
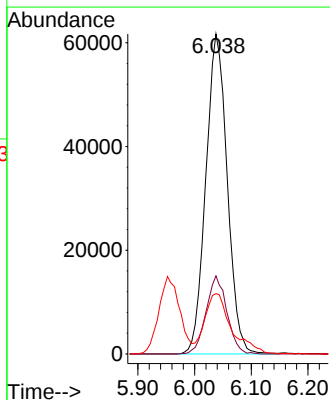
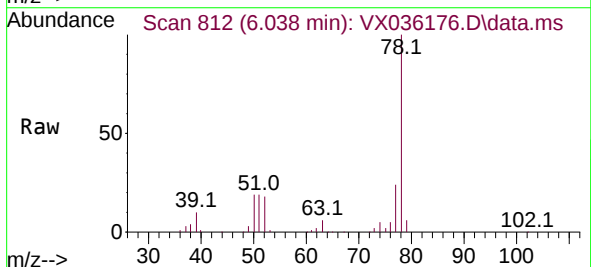
Manual Integrations
APPROVED

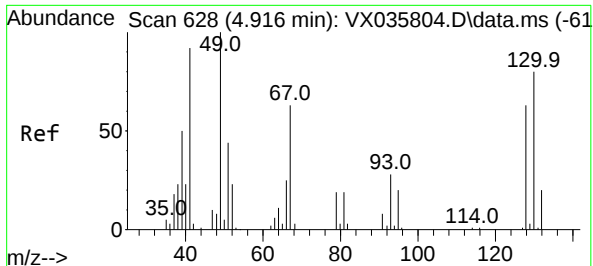
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#34
Benzene
Concen: 16.340 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

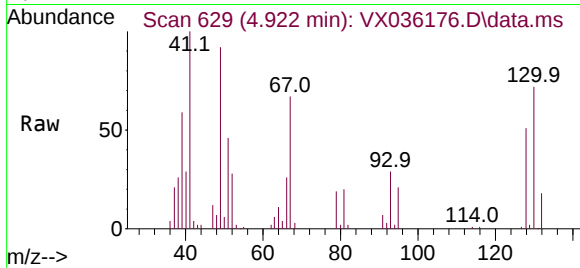
Tgt Ion: 78 Resp: 161935
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.4
51 18.9 14.6 21.8





#35
Methacrylonitrile
Concen: 18.372 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

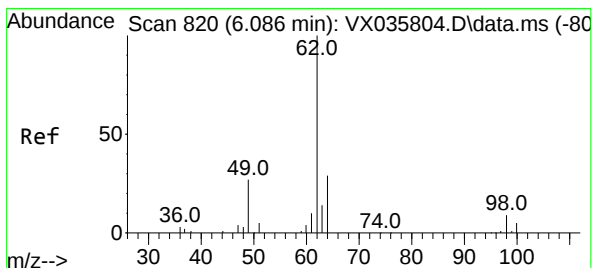
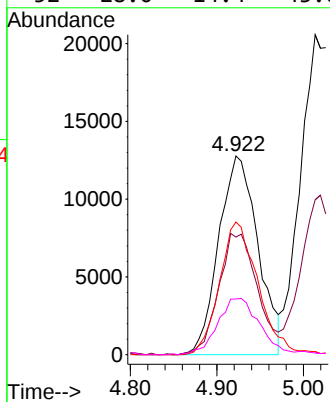
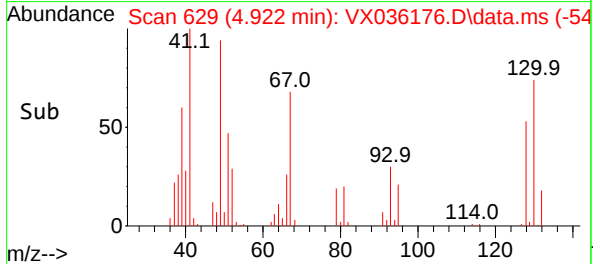
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41 Resp: 4031
Ion Ratio Lower Upper
41 100
39 59.2 28.0 84.0
67 66.8 31.6 94.7
52 28.0 14.4 43.0

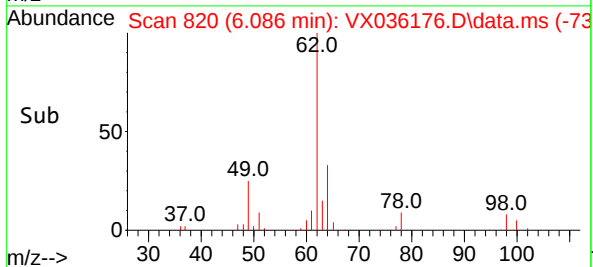
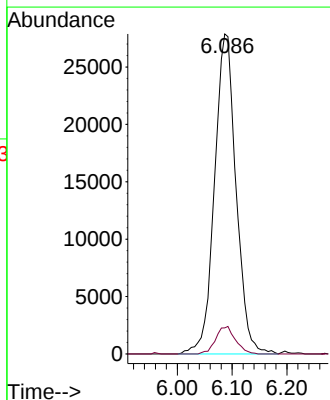
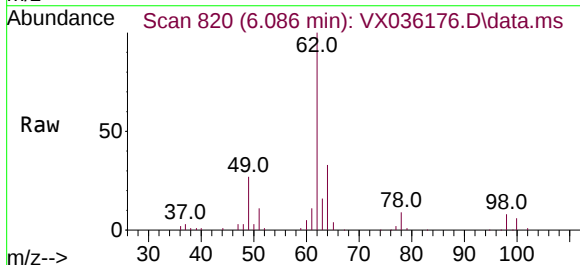
Manual Integrations
APPROVED

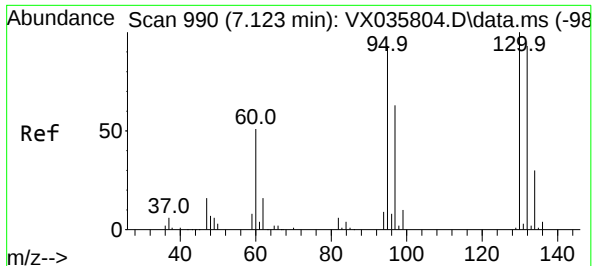
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#36
1,2-Dichloroethane
Concen: 19.780 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

Tgt Ion: 62 Resp: 76289
Ion Ratio Lower Upper
62 100
98 7.9 7.0 10.6





#37

Trichloroethene

Concen: 15.427 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:130 Resp: 38430

Ion Ratio Lower Upper

130 100

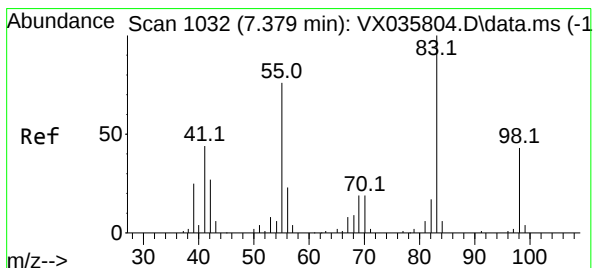
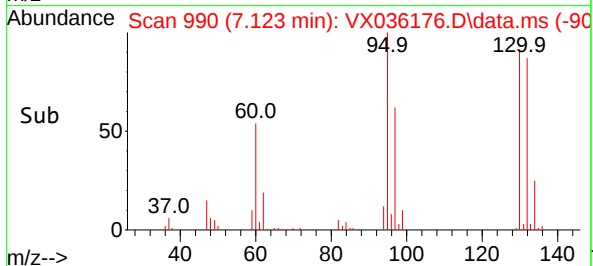
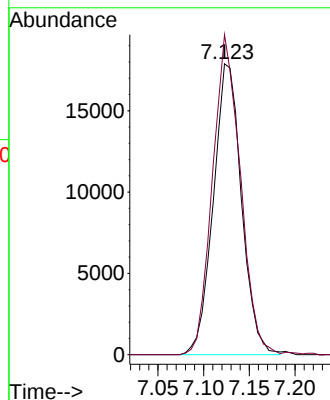
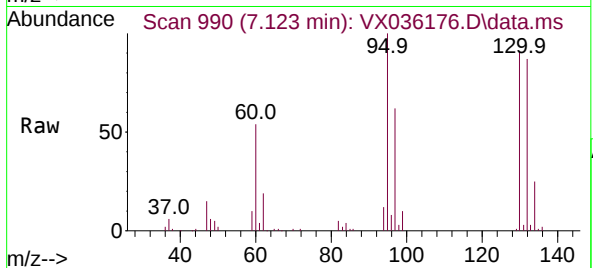
95 110.0 77.8 116.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#38

Methylcyclohexane

Concen: 14.268 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

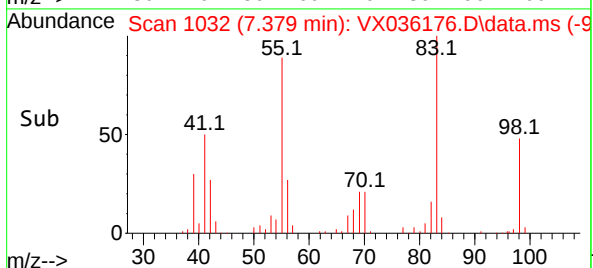
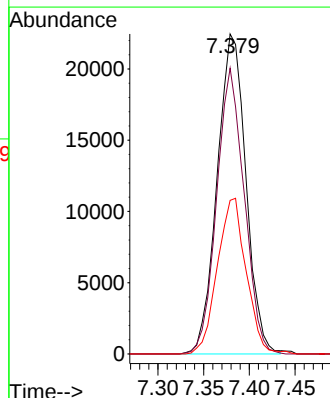
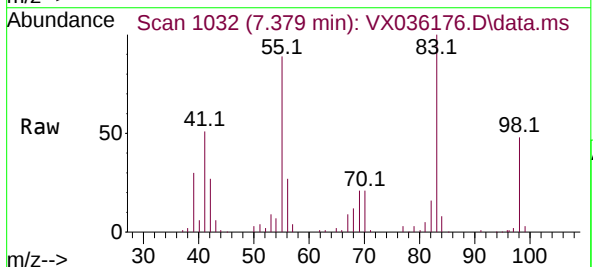
Tgt Ion: 83 Resp: 49155

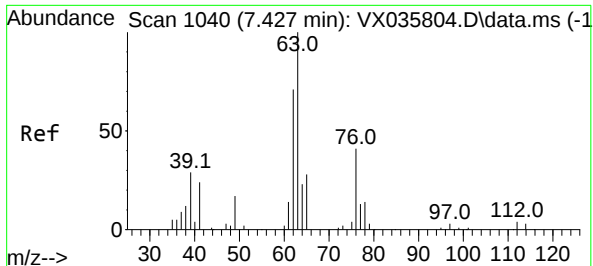
Ion Ratio Lower Upper

83 100

55 85.4 38.8 116.4

98 48.6 23.8 71.2





#39

1,2-Dichloropropane

Concen: 16.568 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

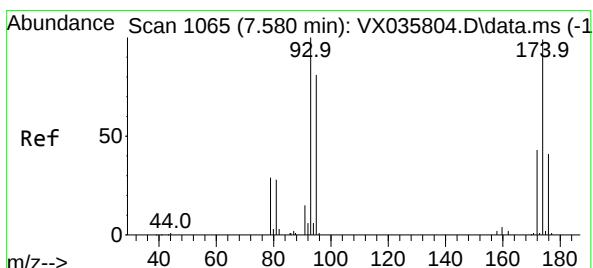
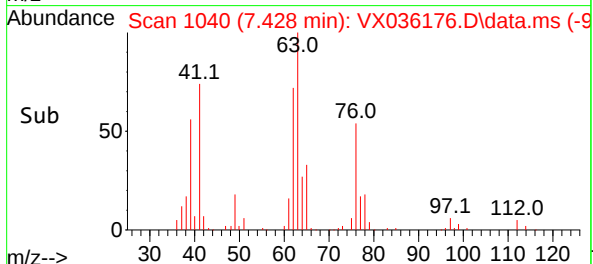
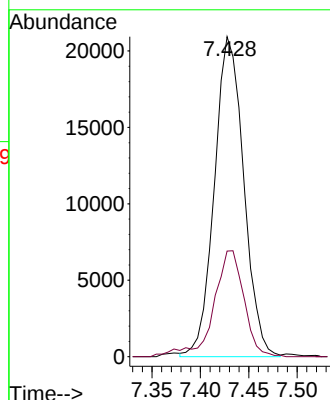
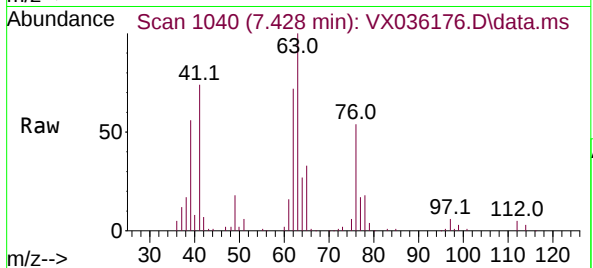
Tgt Ion: 63 Resp: 4419
 Ion Ratio Lower Upper
 63 100
 65 32.7 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#40

Dibromomethane

Concen: 17.632 ug/l

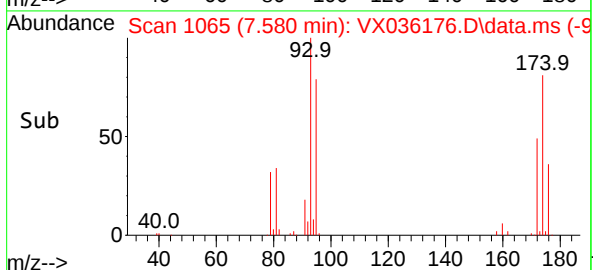
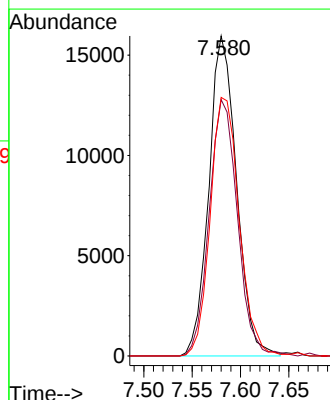
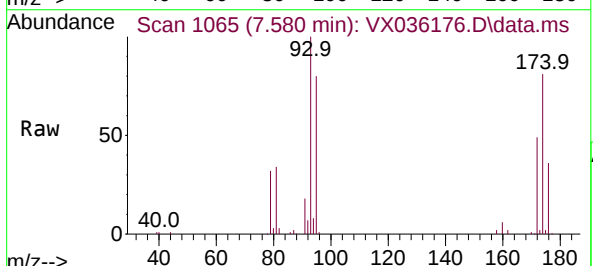
RT: 7.580 min Scan# 1065

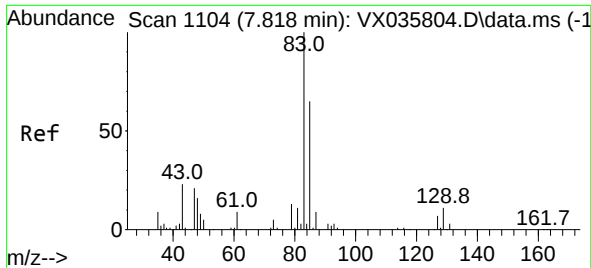
Delta R.T. 0.000 min

Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

Tgt Ion: 93 Resp: 31810
 Ion Ratio Lower Upper
 93 100
 95 81.6 0.0 165.8
 174 84.0 0.0 188.8





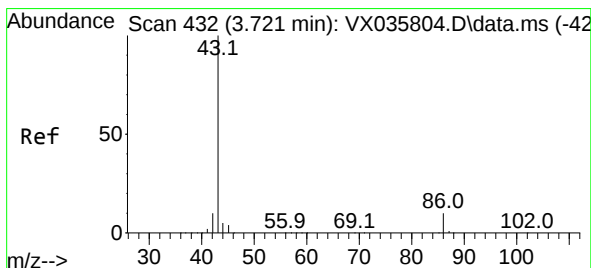
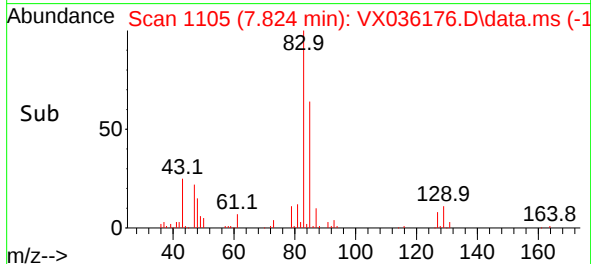
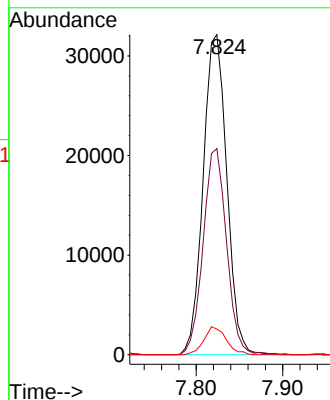
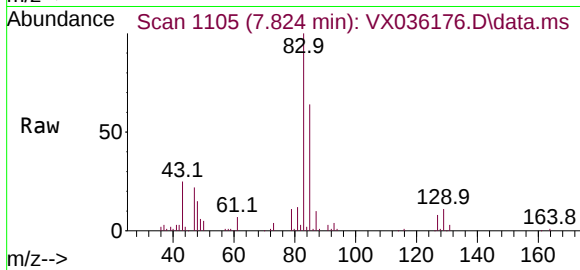
#41
Bromodichloromethane
Concen: 18.745 ug/l
RT: 7.824 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 61138
Ion Ratio Lower Upper
83 100
85 64.4 51.1 76.7
127 8.0 8.2 12.4

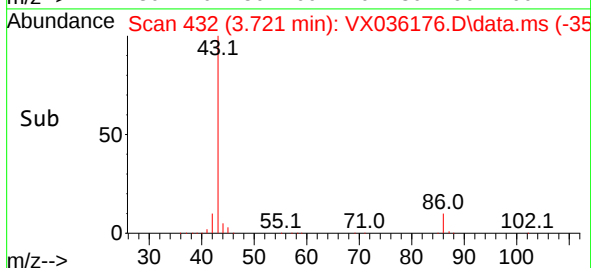
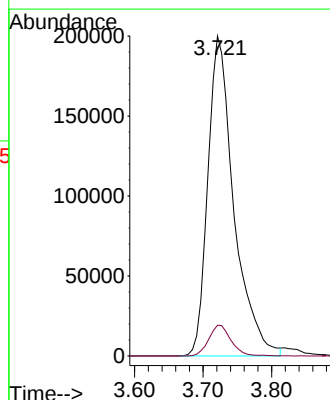
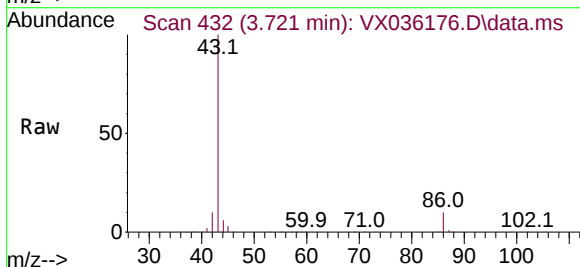
Manual Integrations
APPROVED

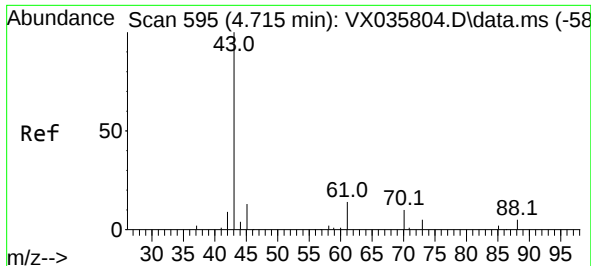
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#42
Vinyl Acetate
Concen: 87.666 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

Tgt Ion: 43 Resp: 529539
Ion Ratio Lower Upper
43 100
86 8.2 6.9 10.3





#43

Ethyl Acetate

Concen: 17.837 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 6995

Ion Ratio Lower Upper

43 100

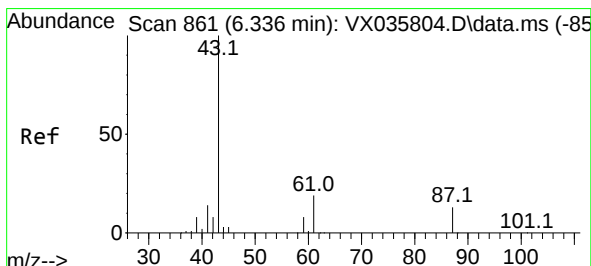
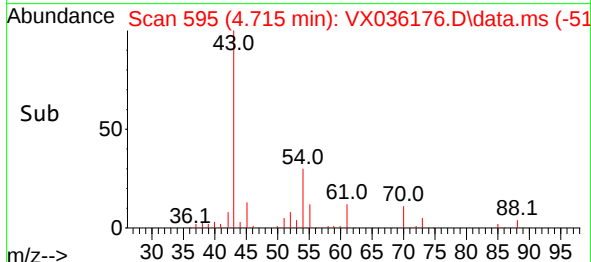
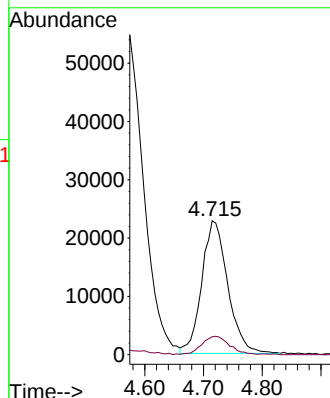
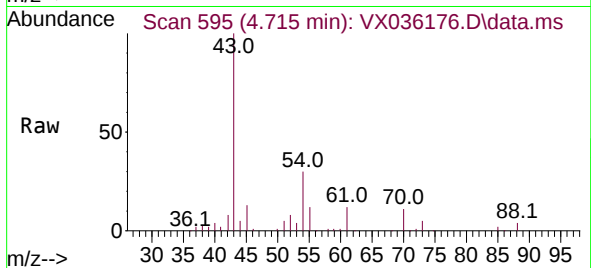
45 14.8 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#44

Isopropyl Acetate

Concen: 17.953 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX036176.D

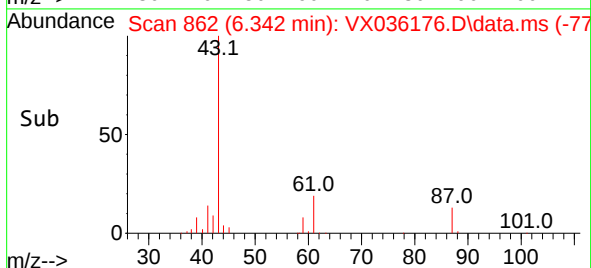
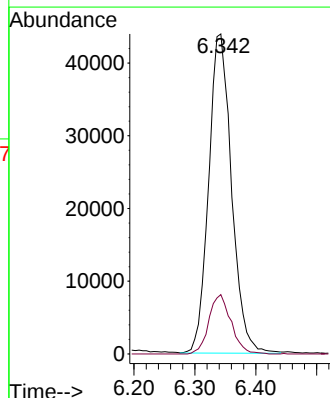
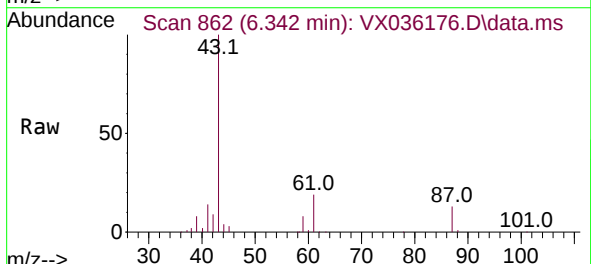
Acq: 15 Jun 2023 18:12

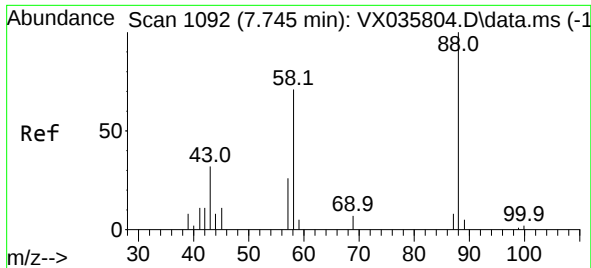
Tgt Ion: 43 Resp: 114768

Ion Ratio Lower Upper

43 100

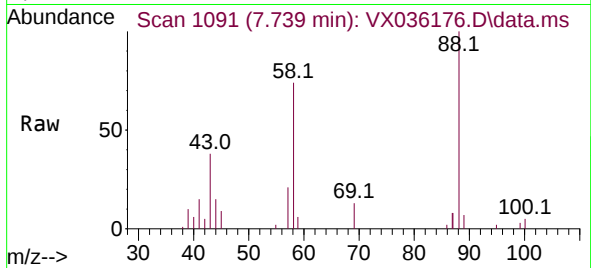
61 18.0 15.4 23.0





#45
1,4-Dioxane
Concen: 310.317 ug/l
RT: 7.739 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

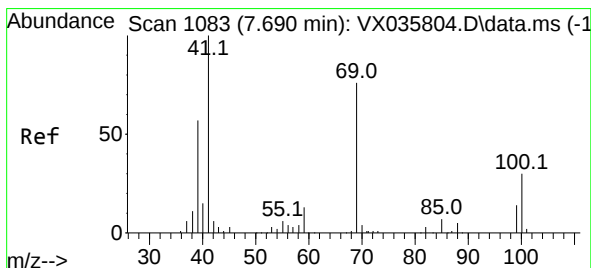
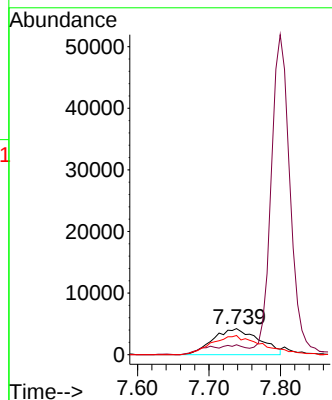
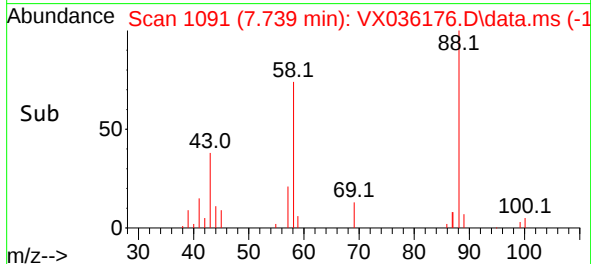
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 88 Resp: 18842
Ion Ratio Lower Upper
88 100
43 8.1 26.5 39.7
58 46.2 55.6 83.4

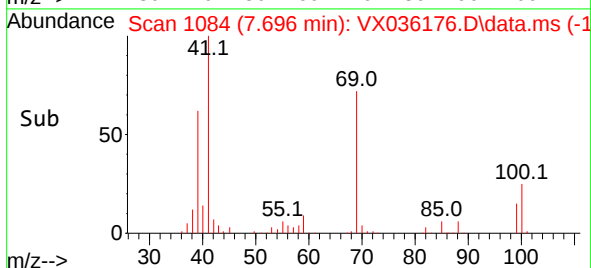
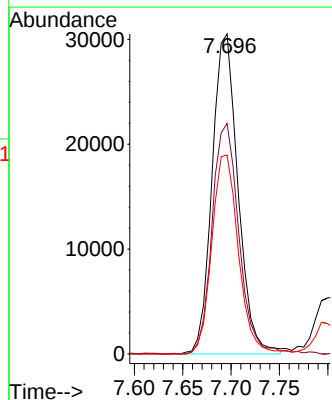
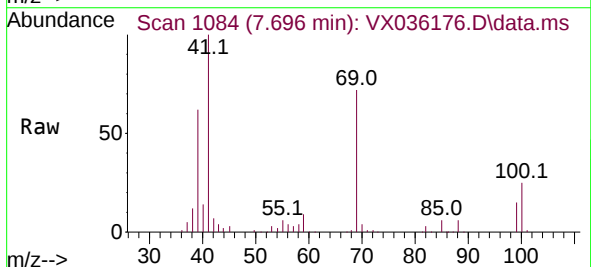
Manual Integrations
APPROVED

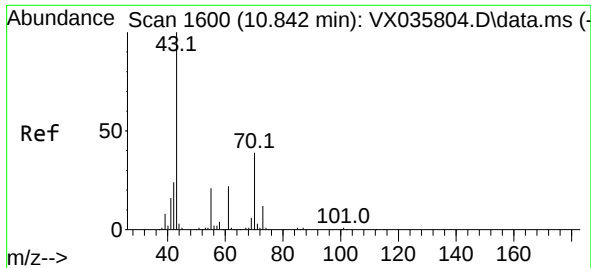
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#46
Methyl methacrylate
Concen: 18.413 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

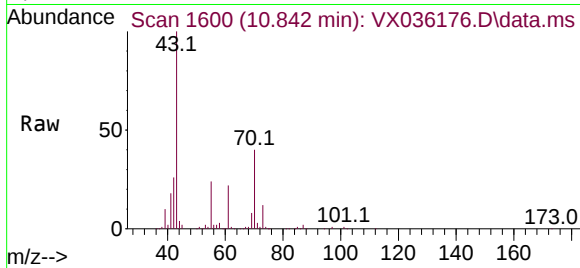
Tgt Ion: 41 Resp: 56874
Ion Ratio Lower Upper
41 100
69 72.1 38.1 114.5
39 62.2 31.4 94.3





#47
n-amy1 Acetate
Concen: 17.585 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

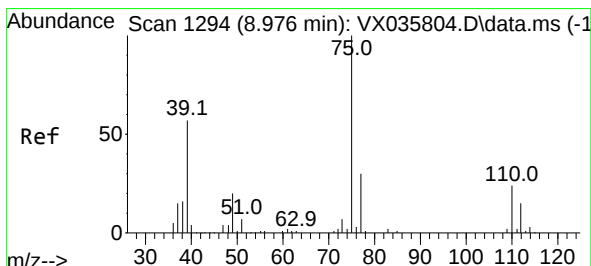
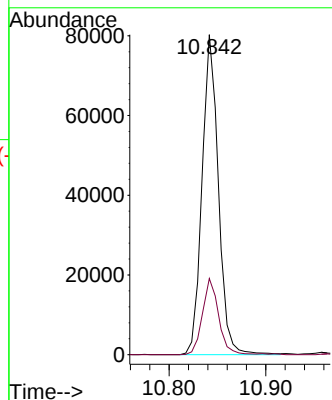
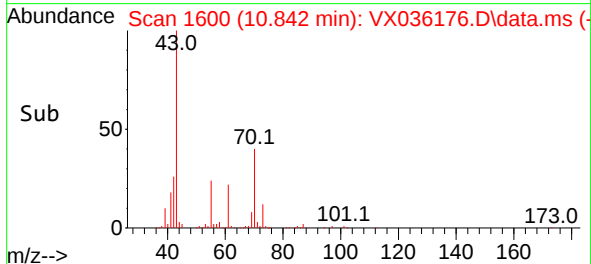
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 94425
Ion Ratio Lower Upper
43 100
55 23.5 18.6 28.0

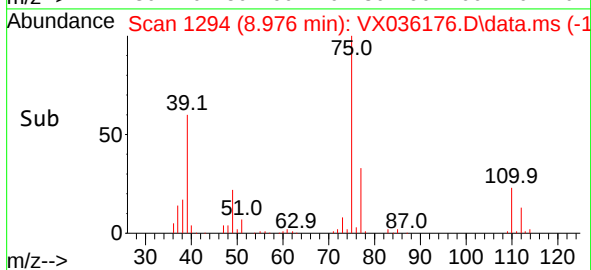
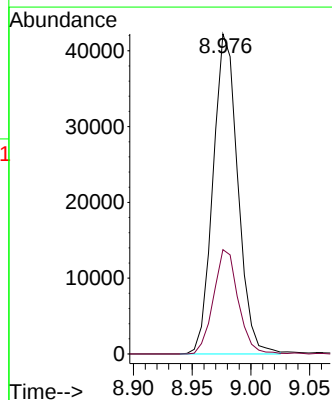
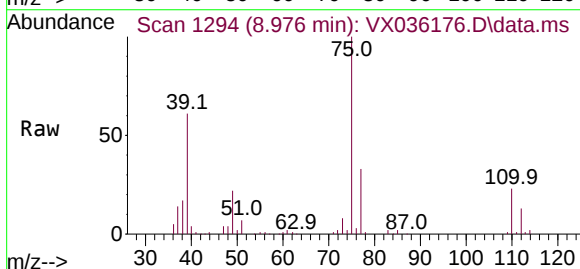
Manual Integrations
APPROVED

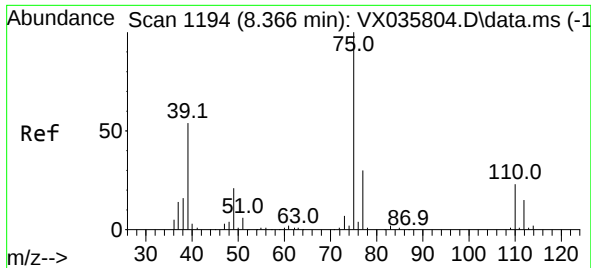
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#48
t-1,3-Dichloropropene
Concen: 17.206 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

Tgt Ion: 75 Resp: 62085
Ion Ratio Lower Upper
75 100
77 32.6 25.5 38.3





#49
 cis-1,3-Dichloropropene
 Concen: 17.143 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX036176.D
 Acq: 15 Jun 2023 18:12

Instrument :

MSVOA_X

ClientSampleId :

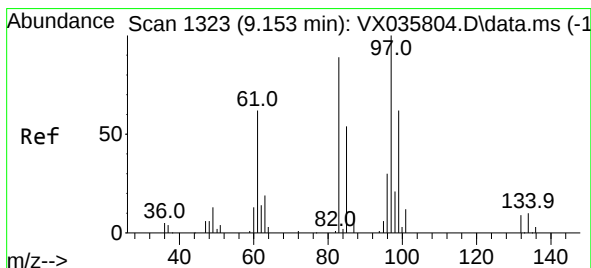
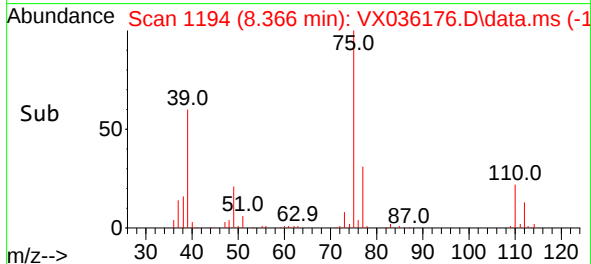
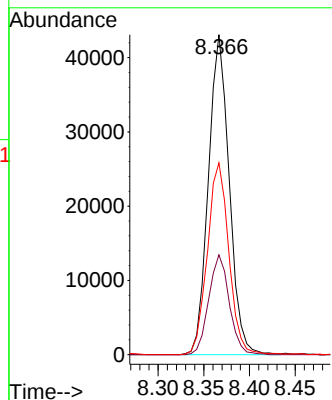
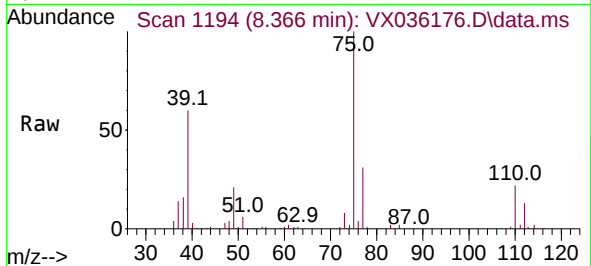
VSTDCCC020EC

Tgt Ion: 75 Resp: 68264
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.6 37.0
 39 60.0 44.2 66.2

Manual Integrations

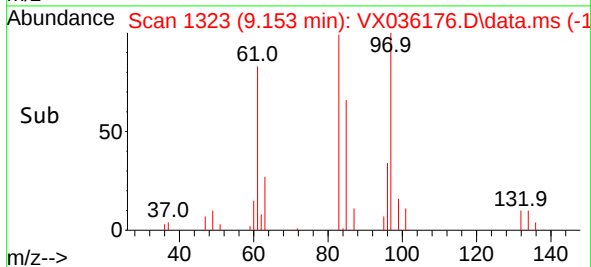
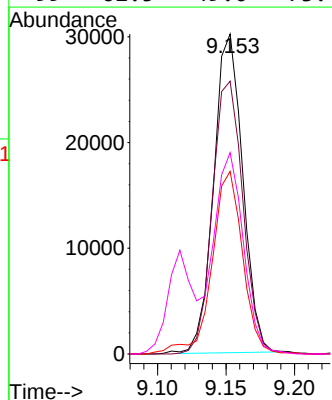
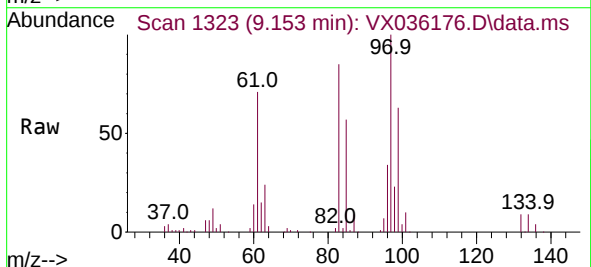
APPROVED

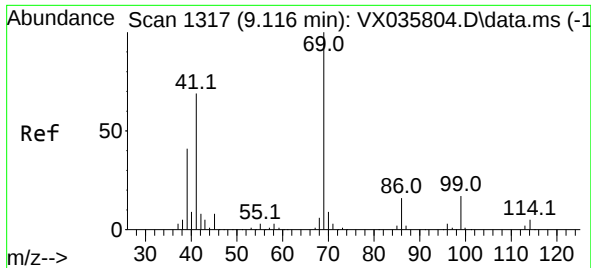
Reviewed By :John Carlone 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023



#50
 1,1,2-Trichloroethane
 Concen: 17.167 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. 0.000 min
 Lab File: VX036176.D
 Acq: 15 Jun 2023 18:12

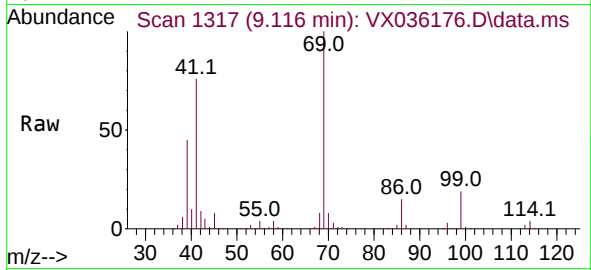
Tgt Ion: 97 Resp: 44310
 Ion Ratio Lower Upper
 97 100
 83 85.5 68.9 103.3
 85 57.1 44.0 66.0
 99 62.5 49.0 73.4





#51
Ethyl methacrylate
Concen: 17.710 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

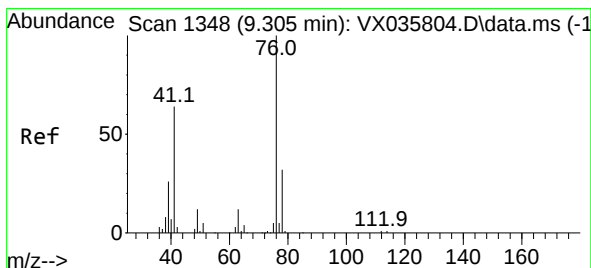
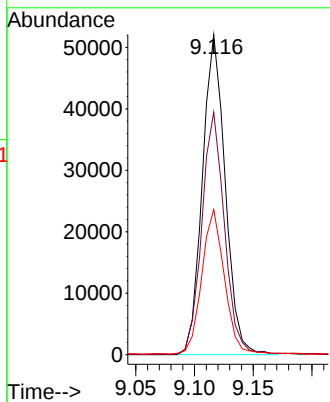
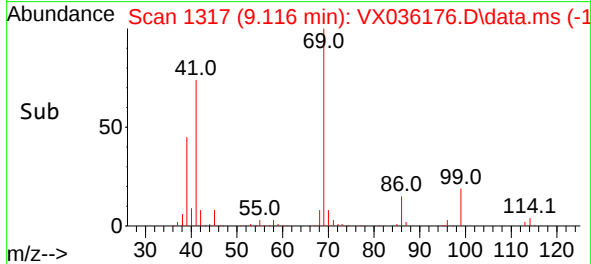
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



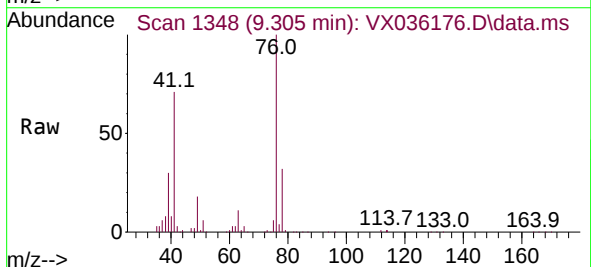
Tgt Ion: 69 Resp: 70460
Ion Ratio Lower Upper
69 100
41 75.4 36.2 108.6
39 44.9 21.2 63.6

Manual Integrations
APPROVED

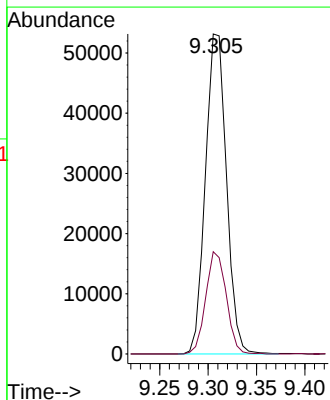
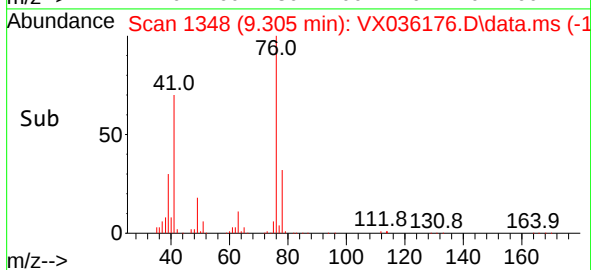
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

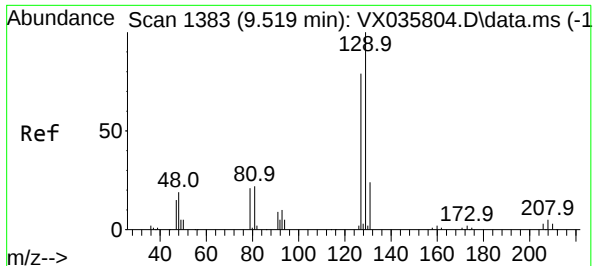


#52
1,3-Dichloropropane
Concen: 17.951 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12



Tgt Ion: 76 Resp: 80743
Ion Ratio Lower Upper
76 100
78 31.0 0.0 63.8





#53

Dibromochloromethane

Concen: 17.917 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:129 Resp: 42410

Ion Ratio Lower Upper

129 100

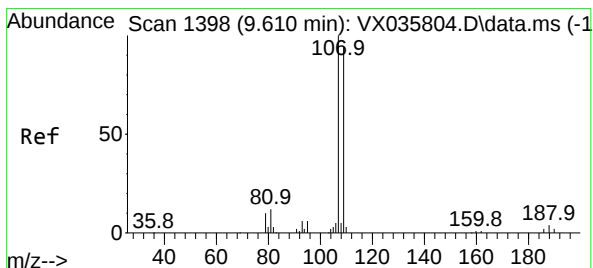
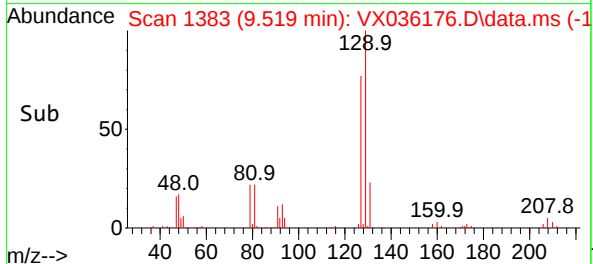
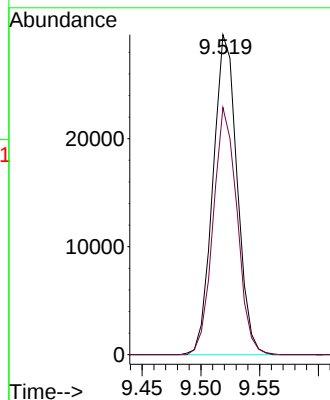
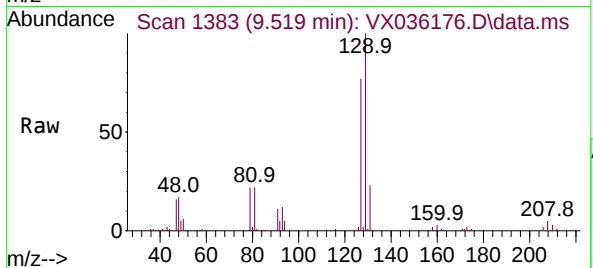
127 76.5 39.1 117.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#54

1,2-Dibromoethane

Concen: 17.607 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX036176.D

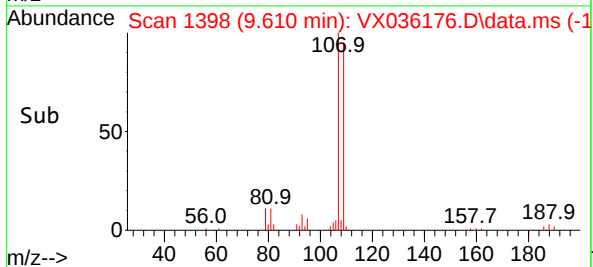
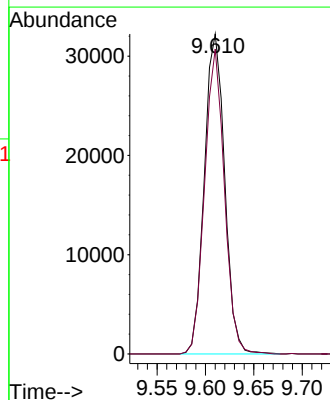
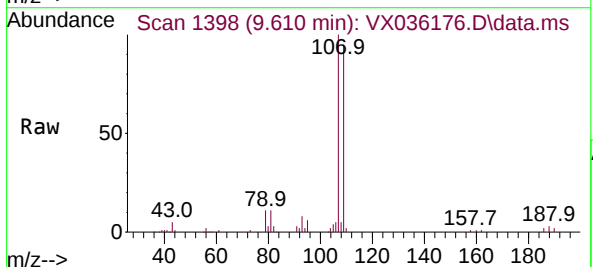
Acq: 15 Jun 2023 18:12

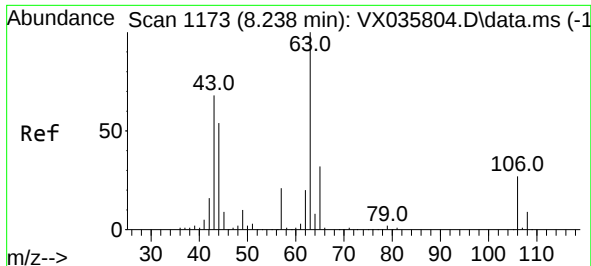
Tgt Ion:107 Resp: 47215

Ion Ratio Lower Upper

107 100

109 92.7 75.4 113.2





#55

2-Chloroethyl vinyl ether

Concen: 92.744 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 19582

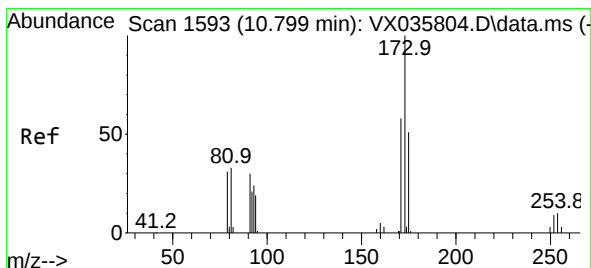
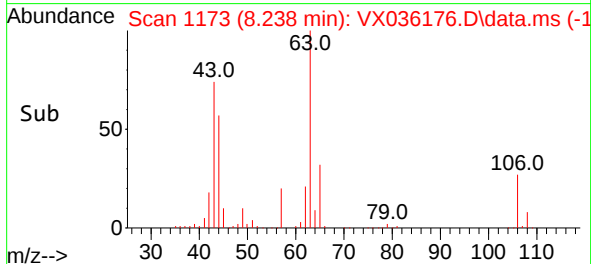
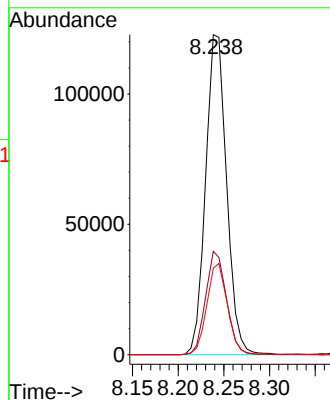
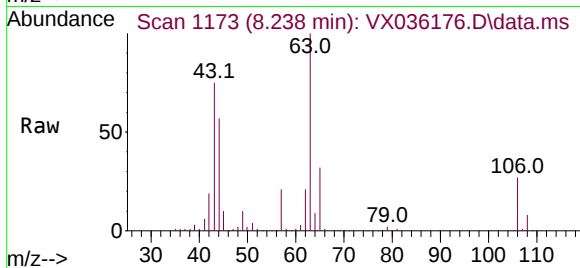
Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.4	38.2
106	28.0	21.6	32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#56

Bromoform

Concen: 17.641 ug/l

RT: 10.799 min Scan# 1593

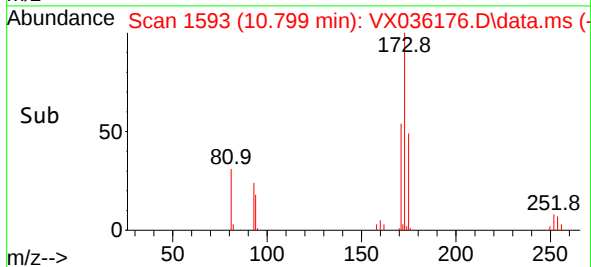
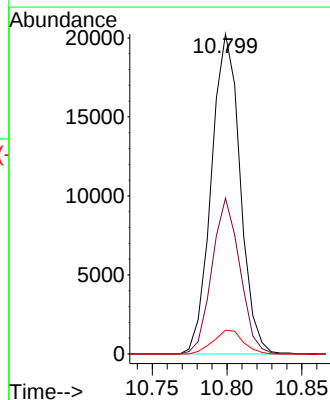
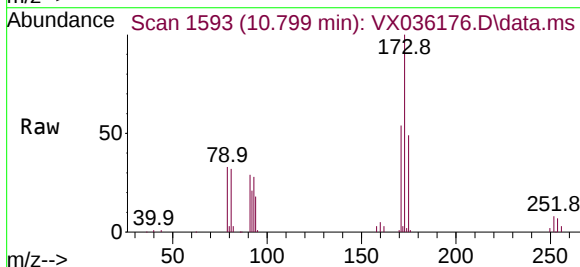
Delta R.T. 0.000 min

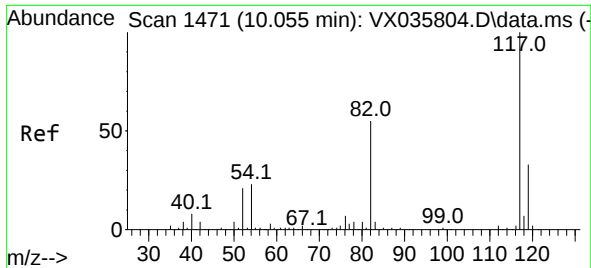
Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

Tgt Ion:173 Resp: 27070

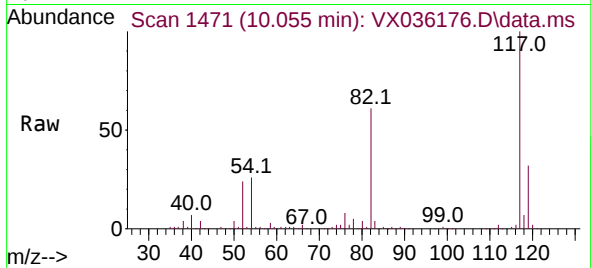
Ion	Ratio	Lower	Upper
173	100		
175	47.1	37.0	55.4
254	7.7	6.7	10.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

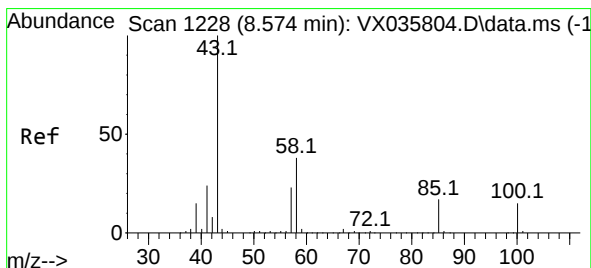
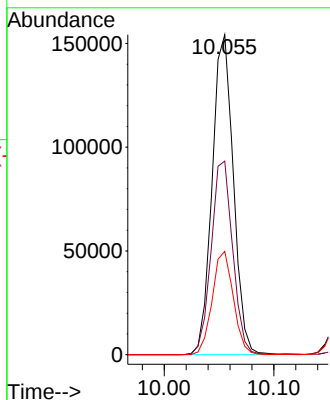
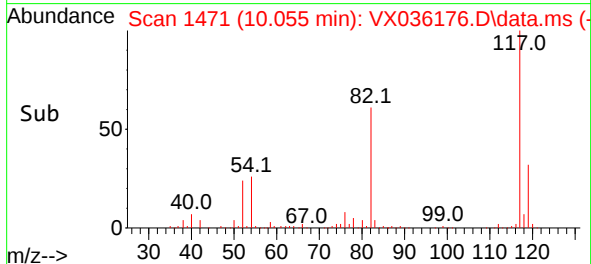
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 207764
Ion Ratio Lower Upper
117 100
82 61.4 45.8 68.8
119 32.1 25.4 38.0

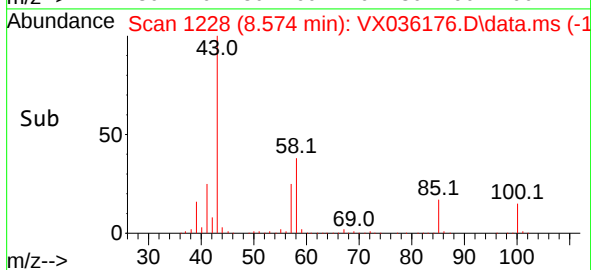
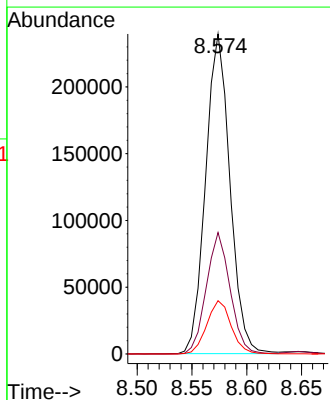
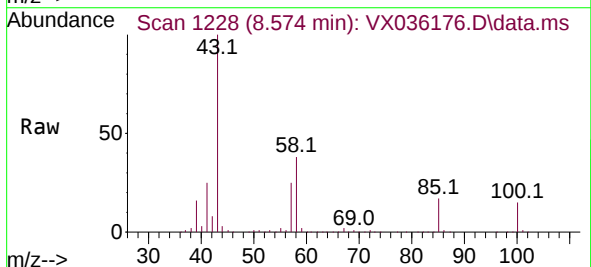
Manual Integrations
APPROVED

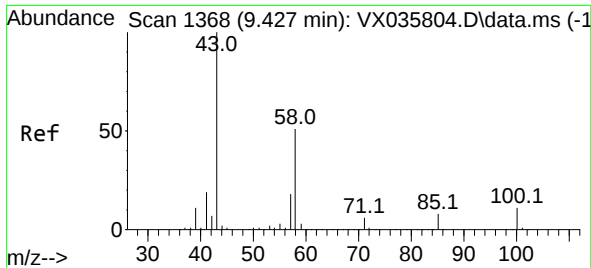
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#58
4-Methyl-2-Pentanone
Concen: 91.789 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

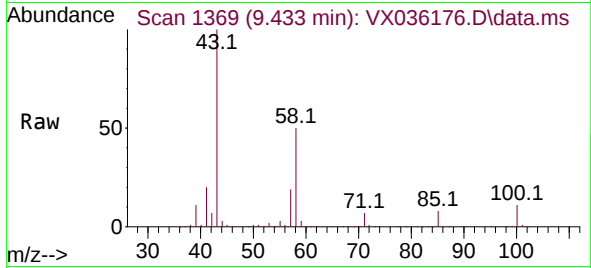
Tgt Ion: 43 Resp: 370418
Ion Ratio Lower Upper
43 100
58 36.9 29.9 44.9
85 16.7 13.2 19.8





#59
2-Hexanone
Concen: 90.571 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

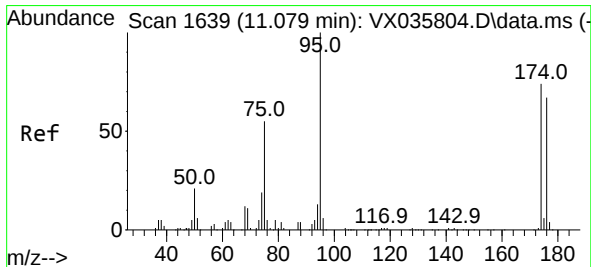
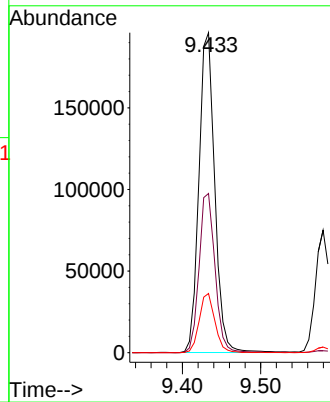
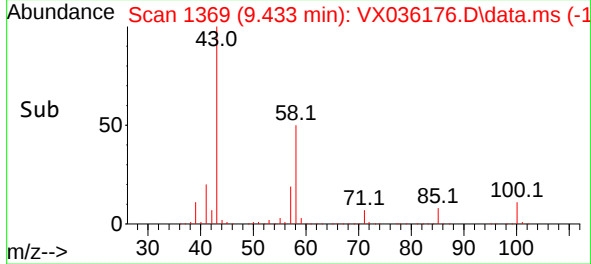
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 27502
Ion Ratio Lower Upper
43 100
58 50.3 41.7 62.5
57 18.4 14.7 22.1

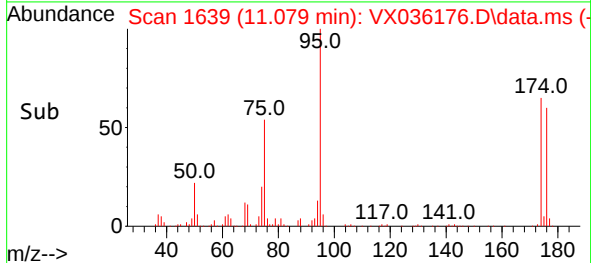
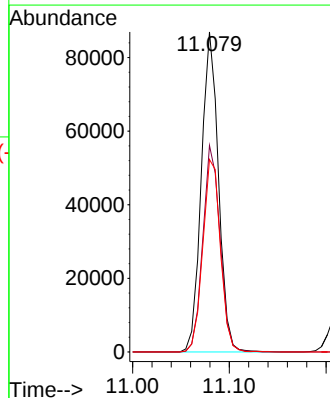
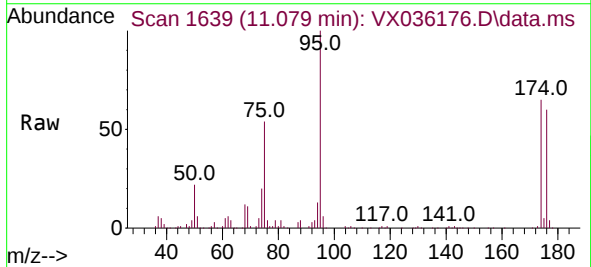
Manual Integrations
APPROVED

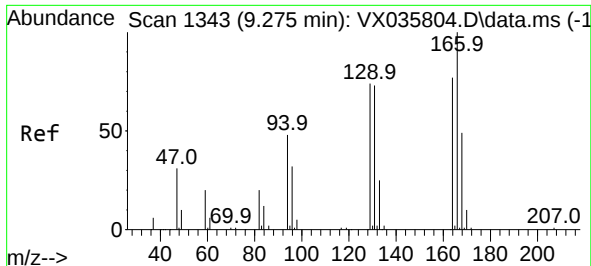
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#60
4-Bromofluorobenzene
Concen: 30.793 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

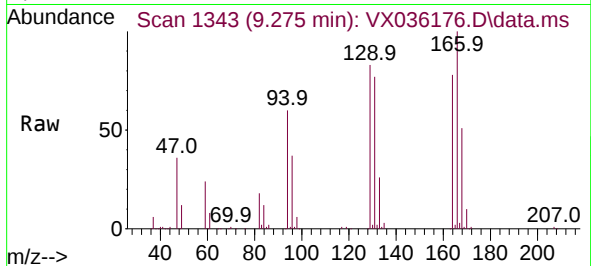
Tgt Ion: 95 Resp: 107353
Ion Ratio Lower Upper
95 100
174 64.9 0.2 0.4#
176 62.0 0.2 0.2#





#61
Tetrachloroethene
Concen: 15.276 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

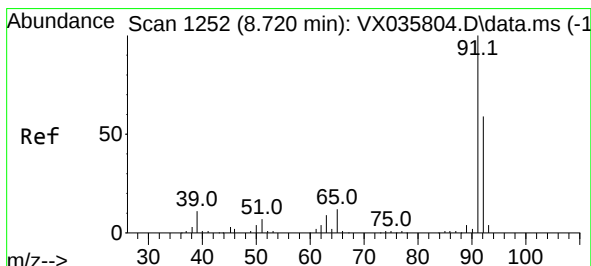
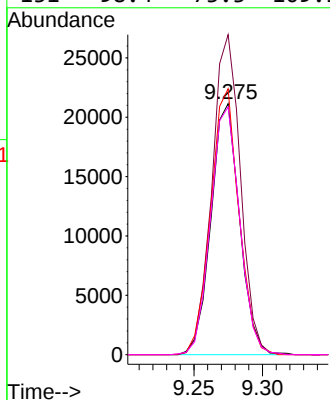
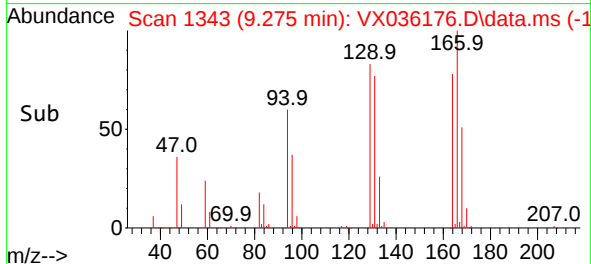
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



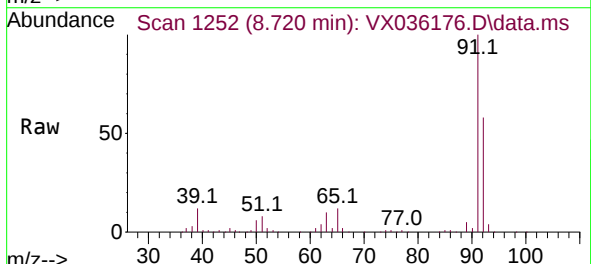
Tgt Ion:164 Resp: 3056
Ion Ratio Lower Upper
164 100
166 127.5 100.1 150.1
129 105.9 79.1 118.7
131 98.4 73.3 109.9

Manual Integrations
APPROVED

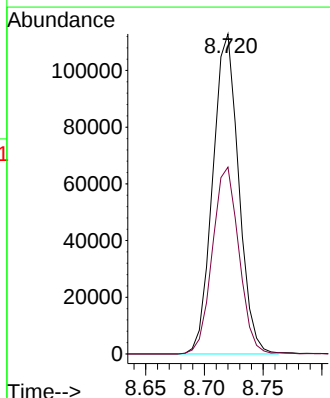
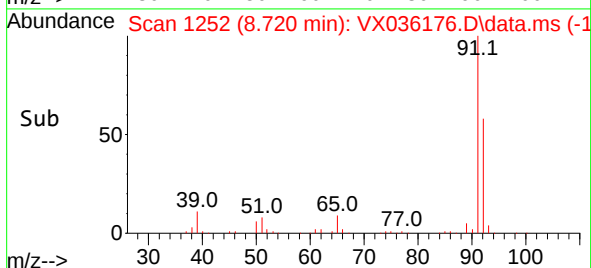
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

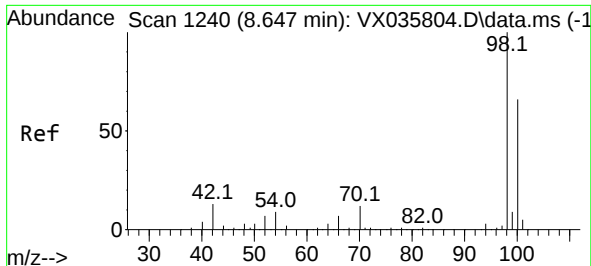


#62
Toluene
Concen: 16.213 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12



Tgt Ion: 91 Resp: 173464
Ion Ratio Lower Upper
91 100
92 59.5 46.5 69.7





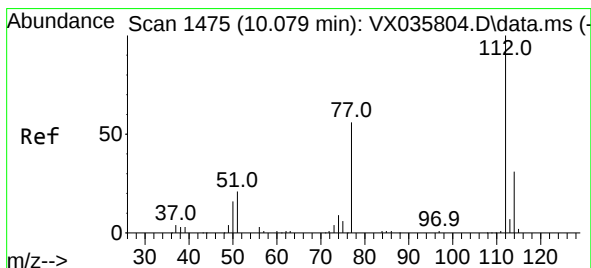
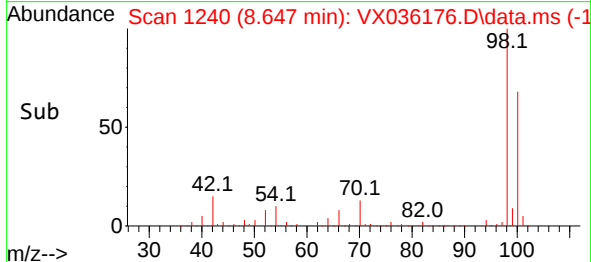
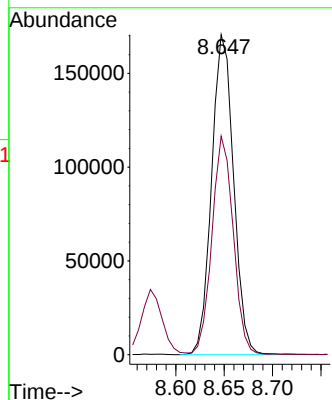
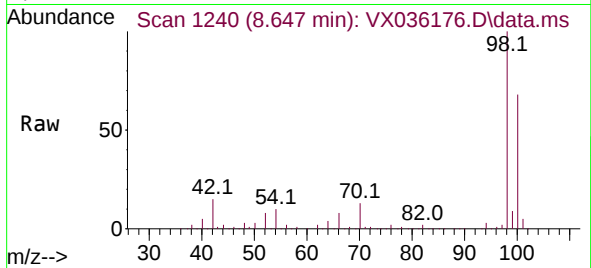
#63
Toluene-d8
Concen: 29.315 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 98 Resp: 26925
Ion Ratio Lower Upper
98 100
100 66.2 52.1 78.1

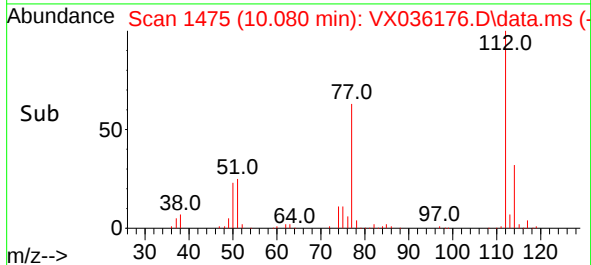
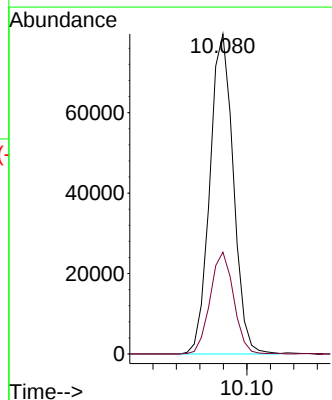
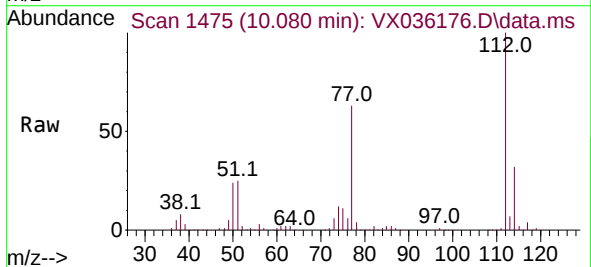
Manual Integrations
APPROVED

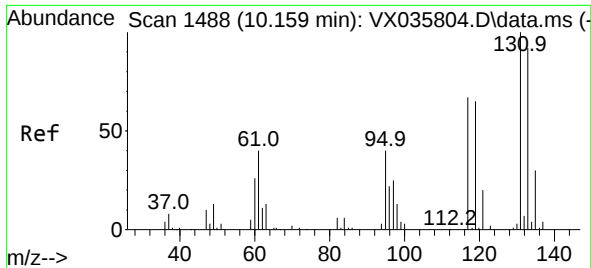
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#64
Chlorobenzene
Concen: 16.303 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

Tgt Ion:112 Resp: 110469
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8





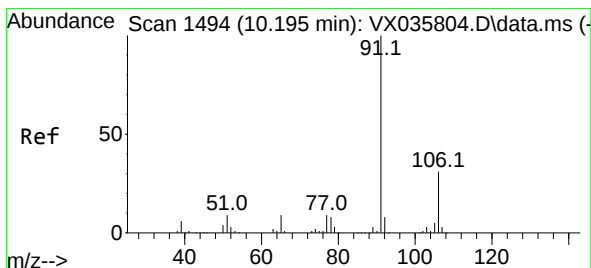
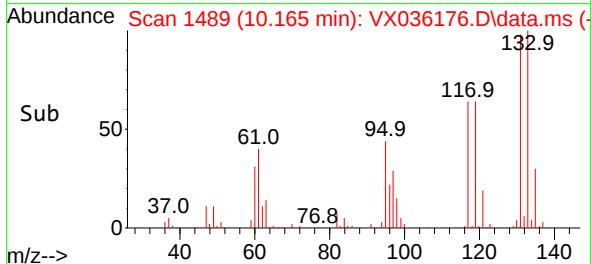
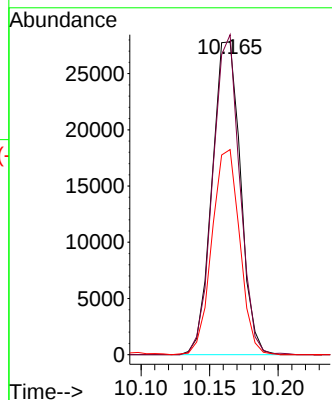
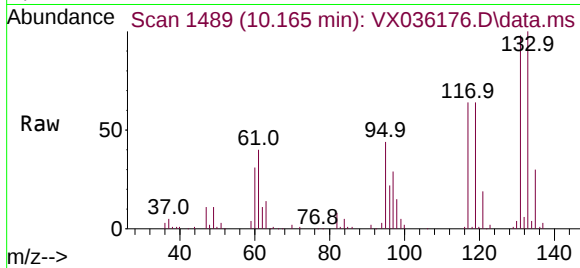
#65
1,1,1,2-Tetrachloroethane
Concen: 16.903 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:131 Resp: 4004
Ion Ratio Lower Upper
131 100
133 96.9 0.0 186.6
119 64.1 0.0 128.6

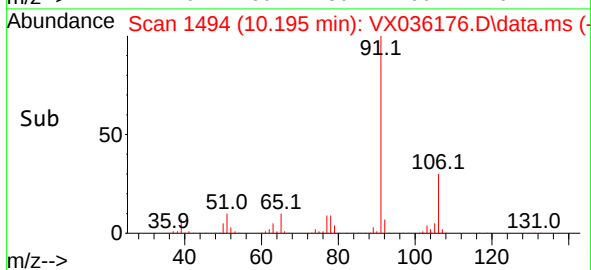
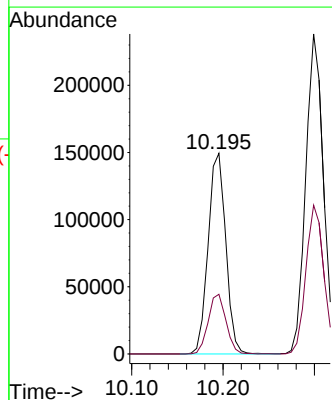
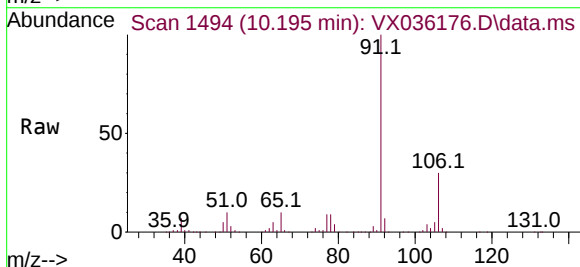
Manual Integrations
APPROVED

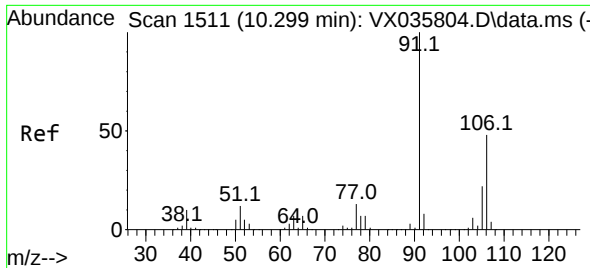
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#66
Ethyl Benzene
Concen: 16.701 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

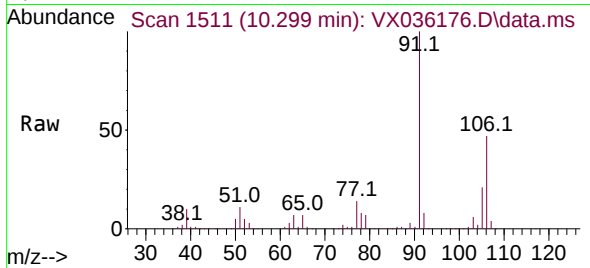
Tgt Ion: 91 Resp: 199843
Ion Ratio Lower Upper
91 100
106 29.8 24.4 36.6





#67
m/p-Xylenes
Concen: 33.245 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

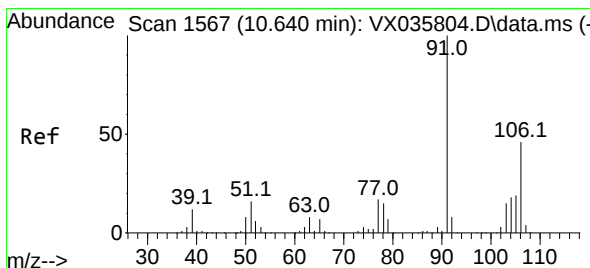
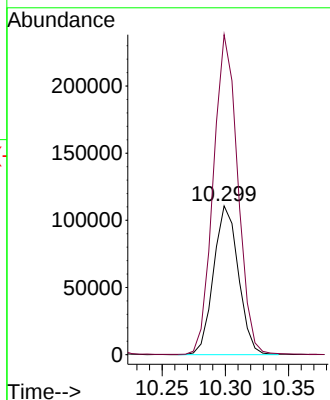
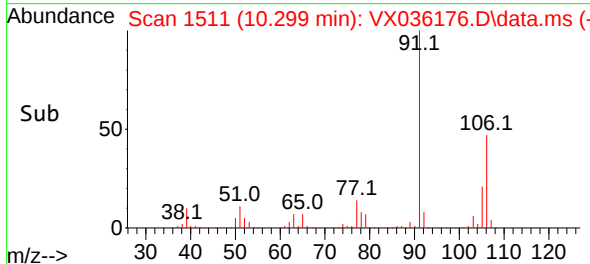
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



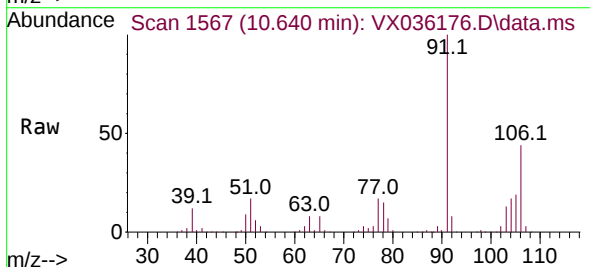
Tgt Ion:106 Resp: 150572
Ion Ratio Lower Upper
106 100
91 212.9 167.4 251.2

Manual Integrations
APPROVED

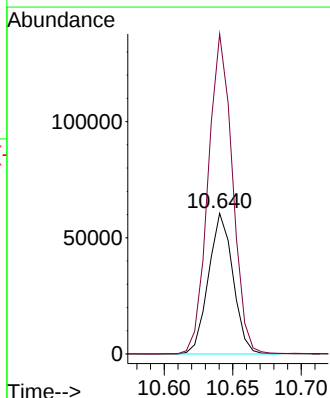
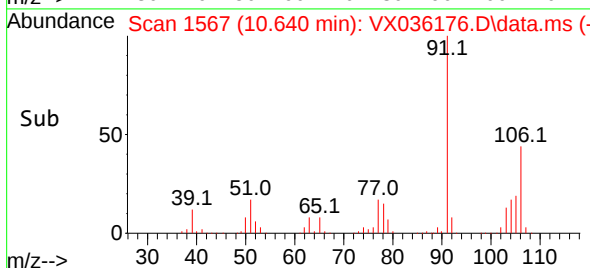
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

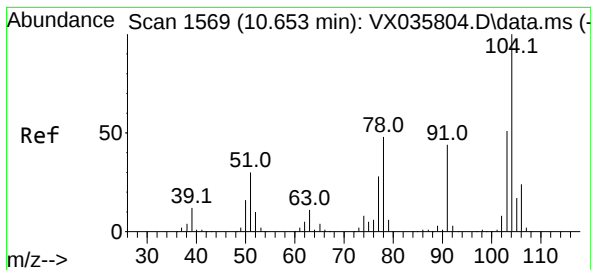


#68
o-Xylene
Concen: 16.634 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12



Tgt Ion:106 Resp: 75358
Ion Ratio Lower Upper
106 100
91 225.1 108.9 326.8





#69

Styrene

Concen: 16.664 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

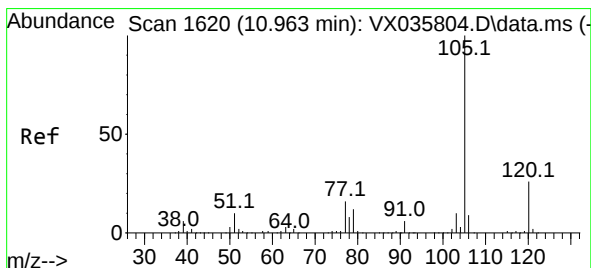
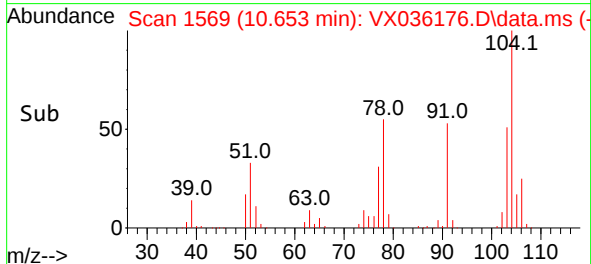
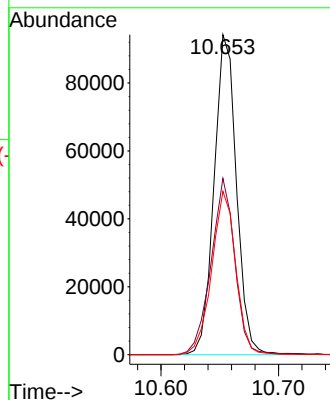
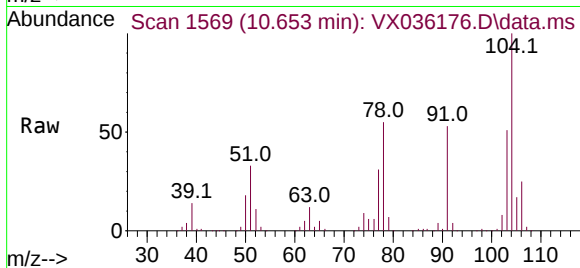
Tgt Ion:104 Resp: 124600
 Ion Ratio Lower Upper
 104 100
 78 58.8 42.8 64.2
 103 54.9 43.8 65.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#70

Isopropylbenzene

Concen: 16.891 ug/l

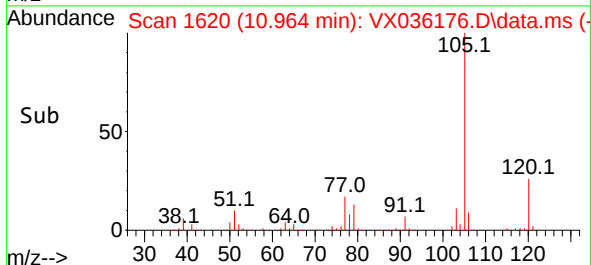
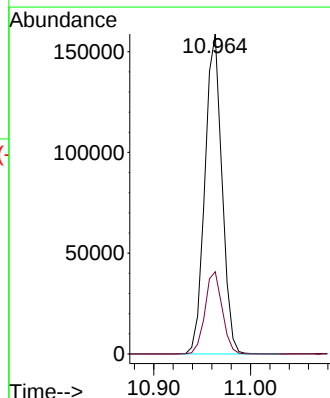
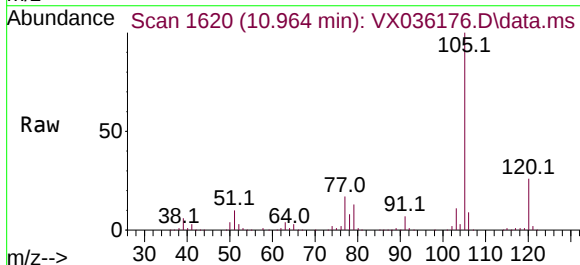
RT: 10.964 min Scan# 1620

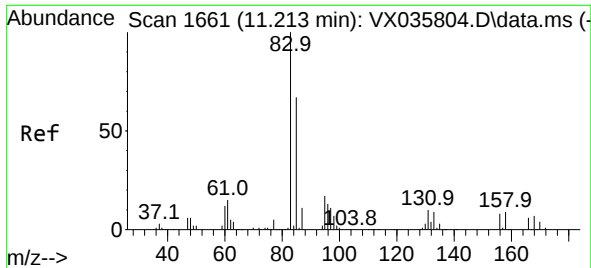
Delta R.T. 0.000 min

Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

Tgt Ion:105 Resp: 195329
 Ion Ratio Lower Upper
 105 100
 120 25.9 18.5 34.3





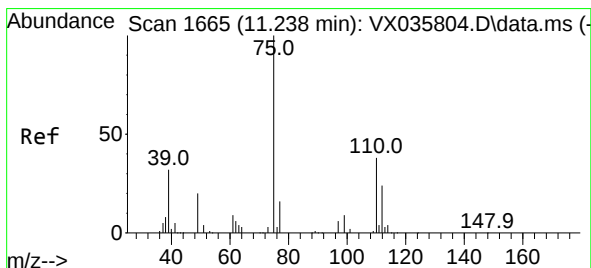
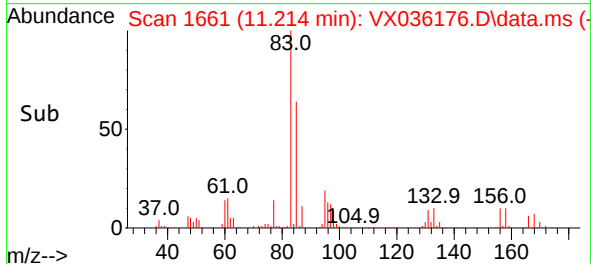
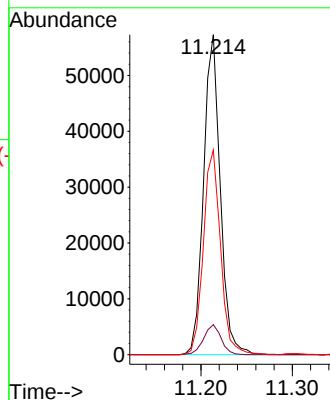
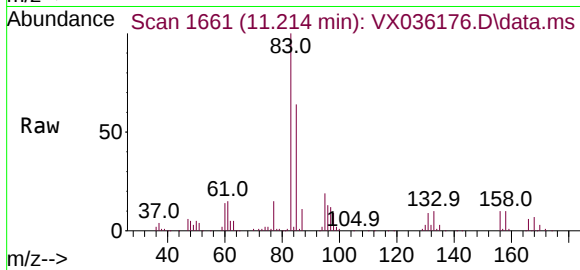
#71
1,1,2,2-Tetrachloroethane
Concen: 17.725 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 7260
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.2
85 65.6 31.9 95.5

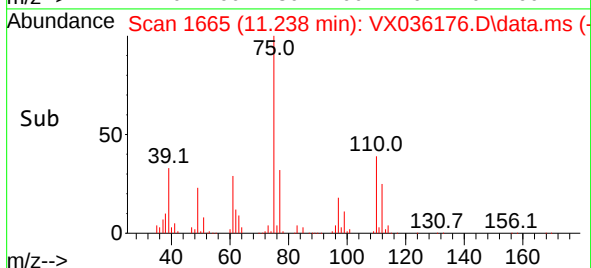
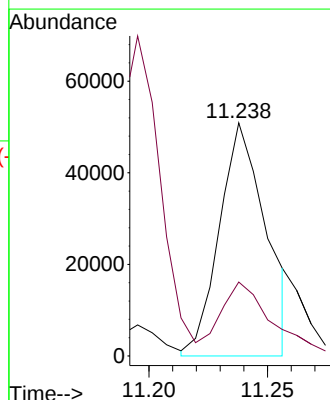
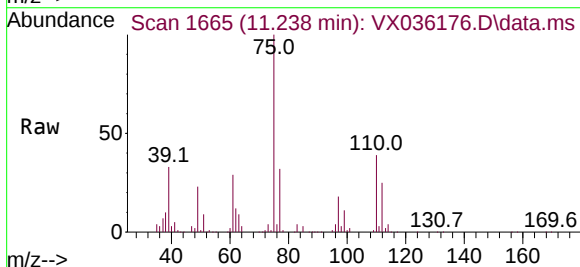
Manual Integrations
APPROVED

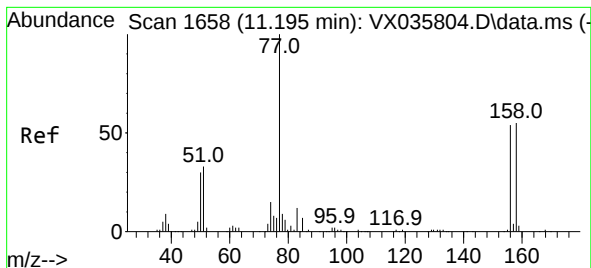
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#72
1,2,3-Trichloropropane
Concen: 19.505 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

Tgt Ion: 75 Resp: 69578
Ion Ratio Lower Upper
75 100
77 35.6 0.0 73.8





#73

Bromobenzene

Concen: 16.234 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

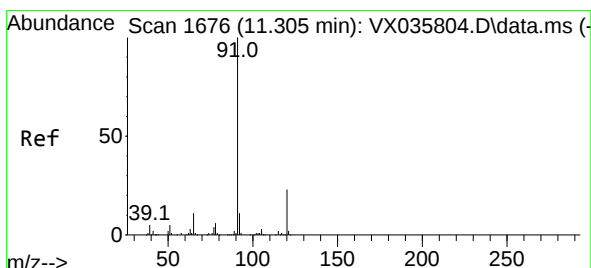
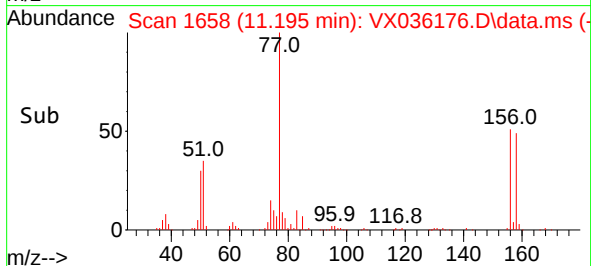
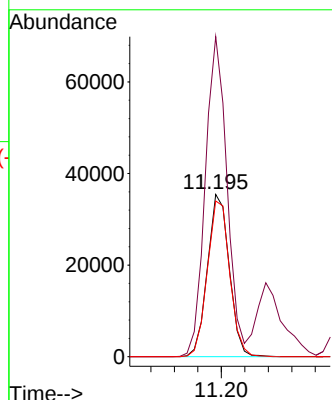
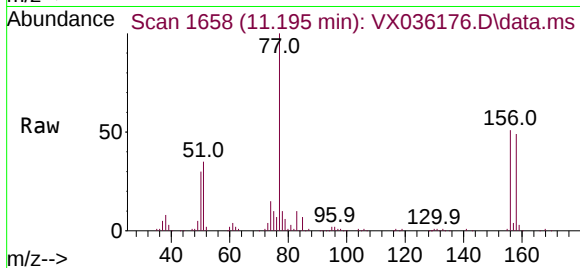
Tgt Ion:	156	Resp:	45608
Ion Ratio	Lower	Upper	
156	100		
77	195.8	0.0	330.8
158	98.4	0.0	193.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#74

n-propylbenzene

Concen: 16.488 ug/l

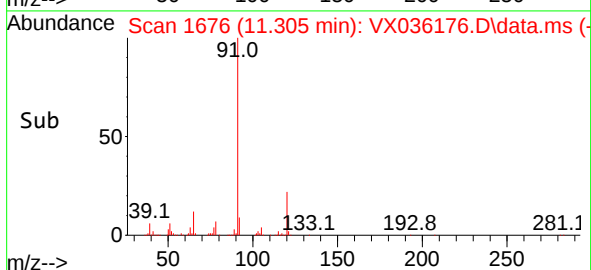
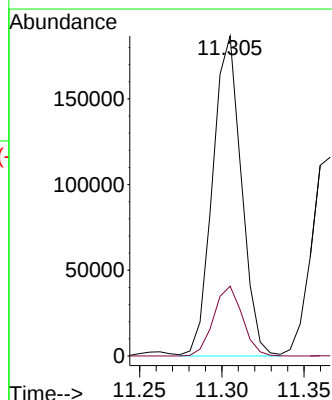
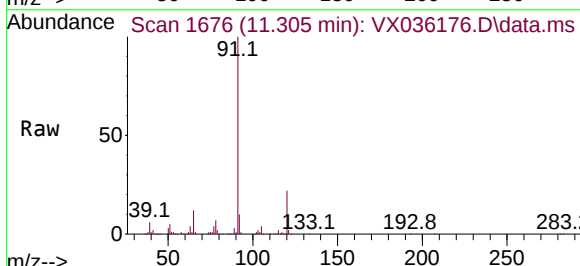
RT: 11.305 min Scan# 1676

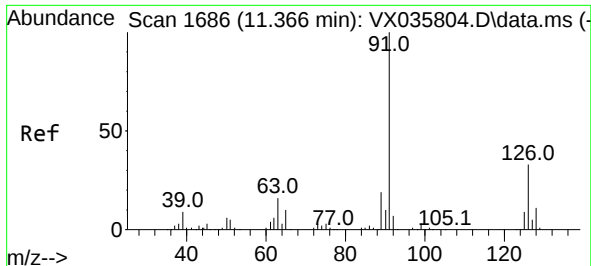
Delta R.T. 0.000 min

Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

Tgt Ion:	91	Resp:	227265
Ion Ratio	Lower	Upper	
91	100		
120	21.8	0.0	44.8





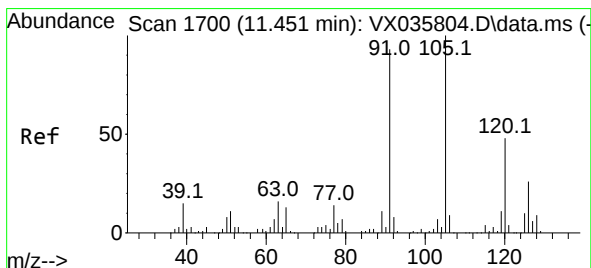
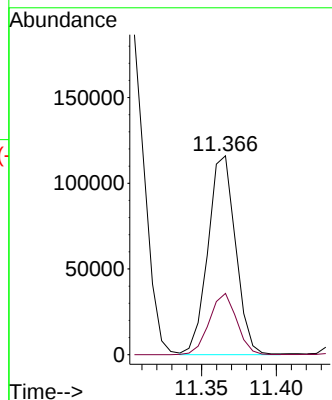
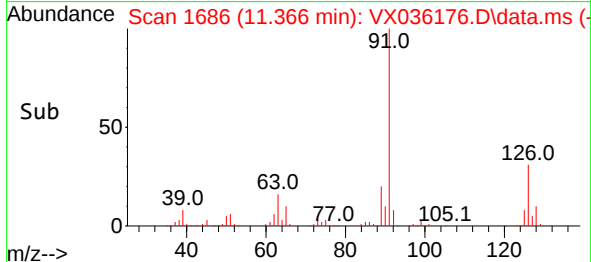
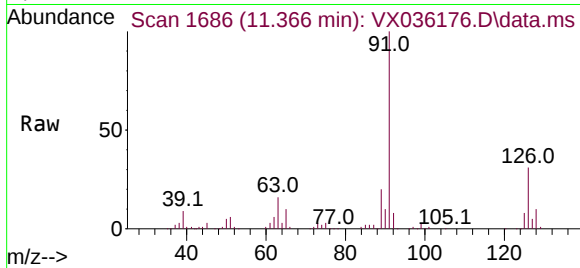
#75
2-Chlorotoluene
Concen: 17.654 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 149475
Ion Ratio Lower Upper
91 100
126 30.4 0.0 66.4

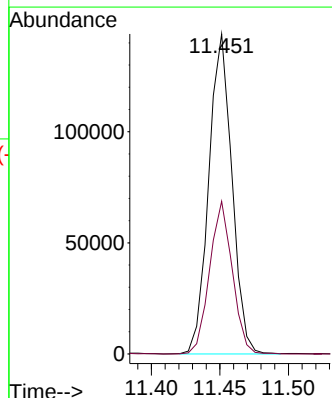
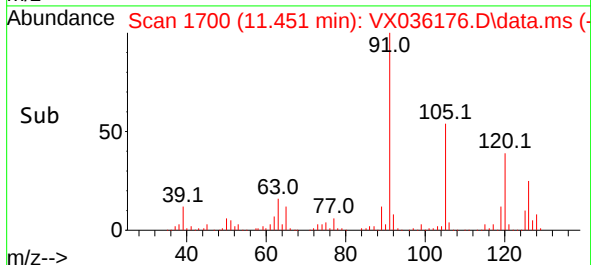
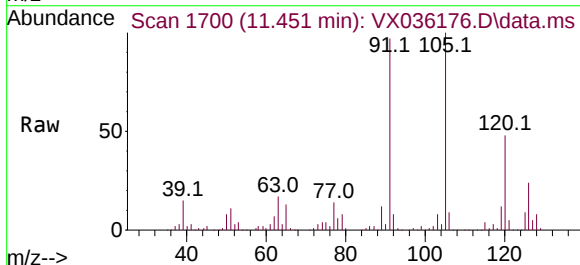
Manual Integrations
APPROVED

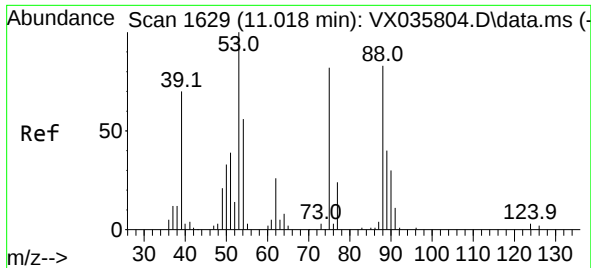
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#76
1,3,5-Trimethylbenzene
Concen: 17.223 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

Tgt Ion:105 Resp: 169155
Ion Ratio Lower Upper
105 100
120 46.6 0.0 96.4





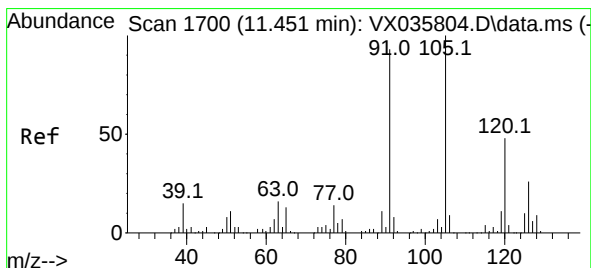
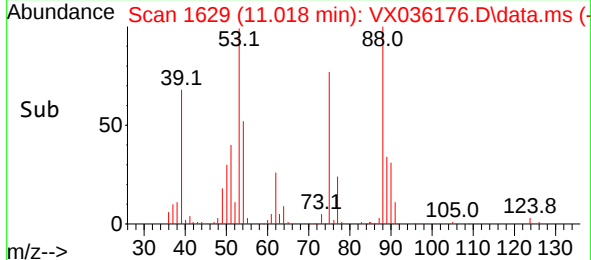
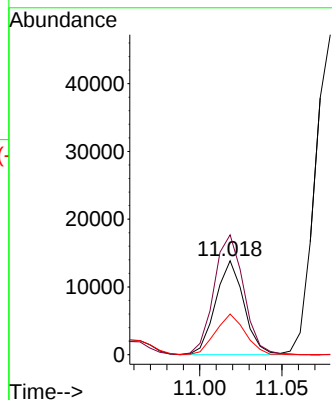
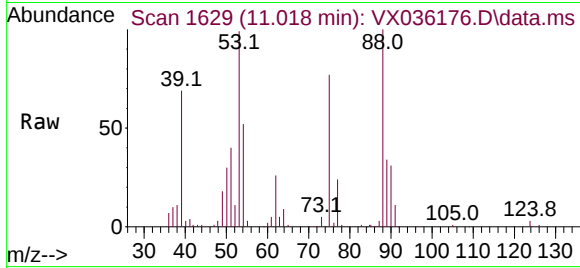
#77
t-1,4-Dichloro-2-butene
Concen: 15.501 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75 Resp: 1668
Ion Ratio Lower Upper
75 100
53 127.2 58.2 174.6
89 43.3 20.6 61.8

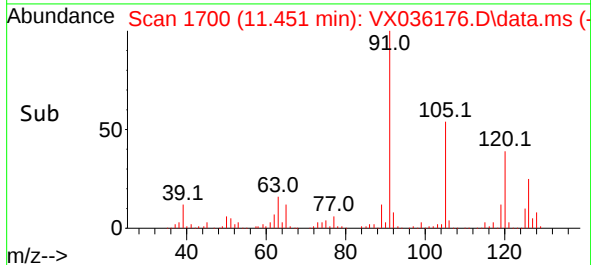
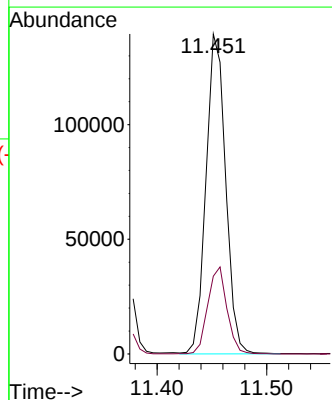
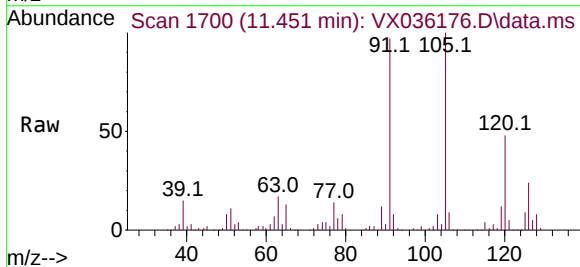
Manual Integrations
APPROVED

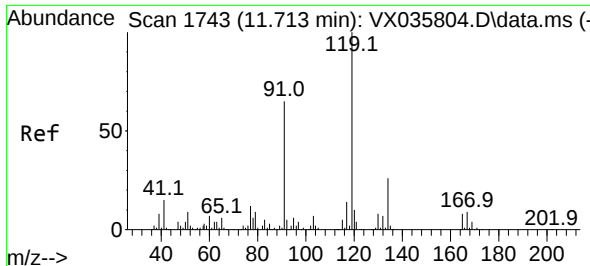
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#78
4-Chlorotoluene
Concen: 17.969 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

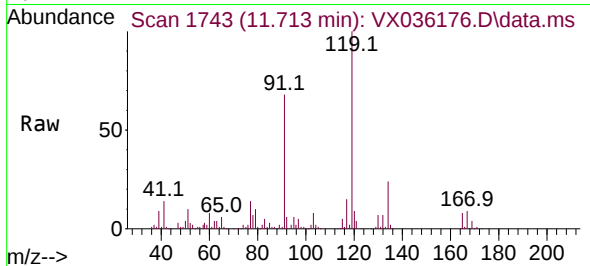
Tgt Ion: 91 Resp: 173324
Ion Ratio Lower Upper
91 100
126 26.5 0.0 56.8





#79
tert-butylbenzene
Concen: 16.604 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

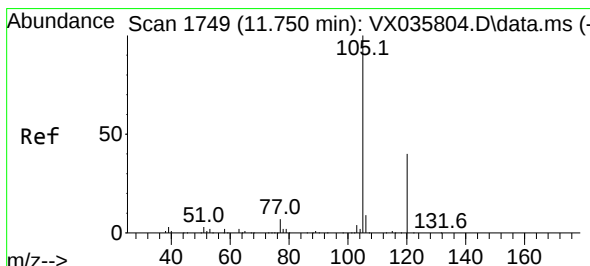
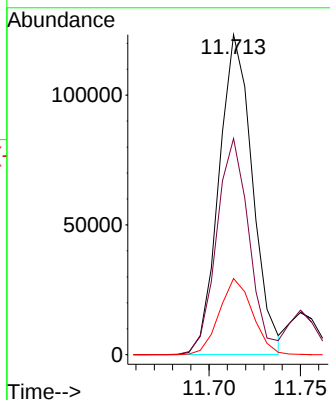
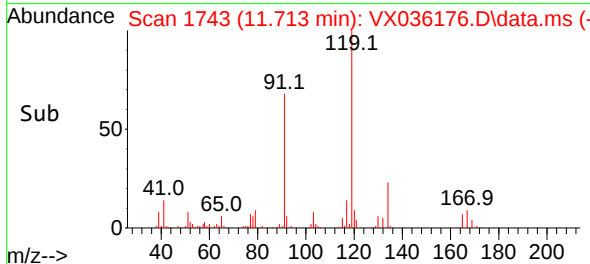
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:119 Resp: 157429
Ion Ratio Lower Upper
119 100
91 65.9 0.0 122.4
134 23.6 0.0 49.2

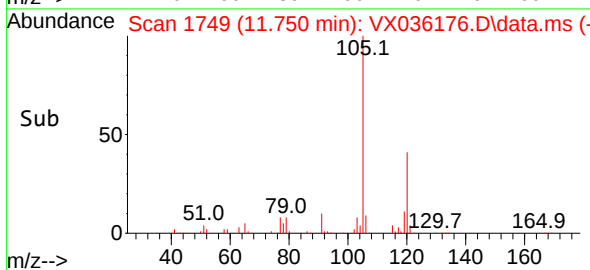
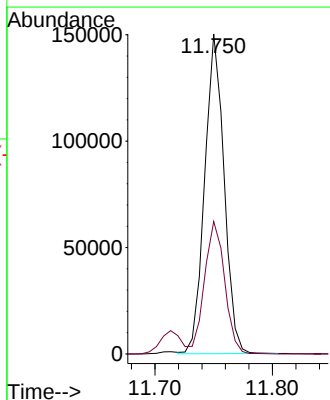
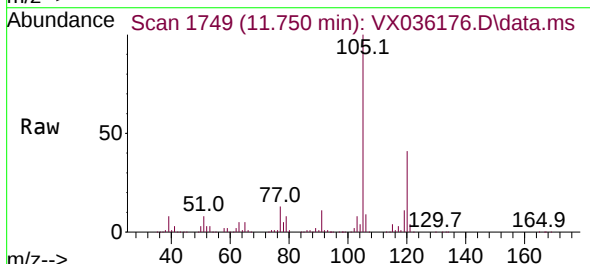
Manual Integrations
APPROVED

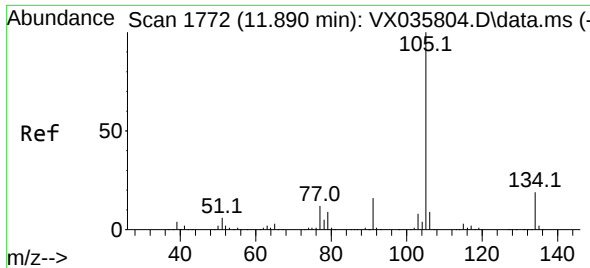
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#80
1,2,4-Trimethylbenzene
Concen: 17.441 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

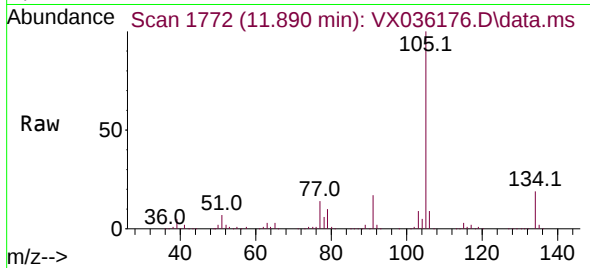
Tgt Ion:105 Resp: 172146
Ion Ratio Lower Upper
105 100
120 43.0 0.0 90.4





#81
 sec-Butylbenzene
 Concen: 15.943 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036176.D
 Acq: 15 Jun 2023 18:12

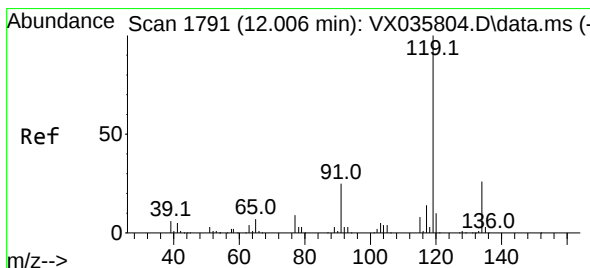
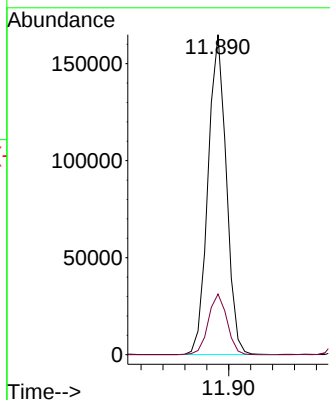
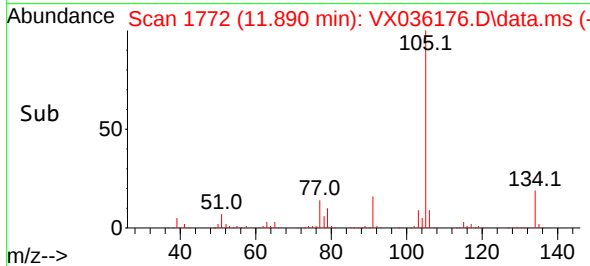
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



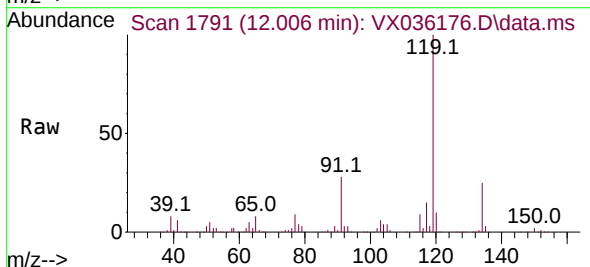
Tgt Ion:105 Resp: 19085
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 40.2

Manual Integrations
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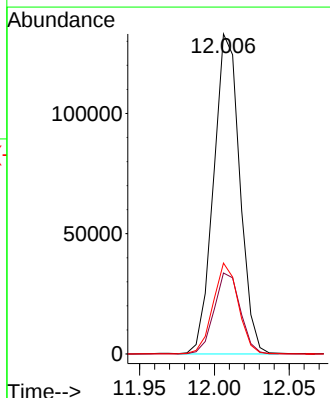
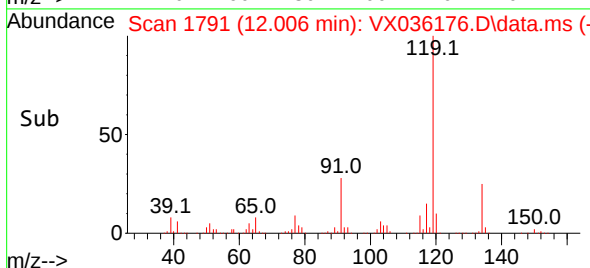
Reviewed By :John Carlone 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023

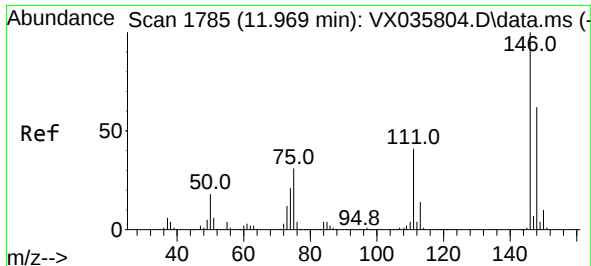


#82
 p-Isopropyltoluene
 Concen: 16.280 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX036176.D
 Acq: 15 Jun 2023 18:12



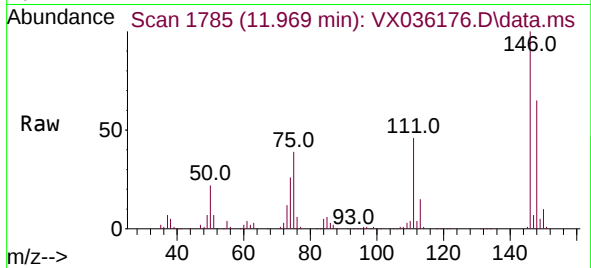
Tgt Ion:119 Resp: 162128
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 52.2
 91 27.1 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 15.828 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

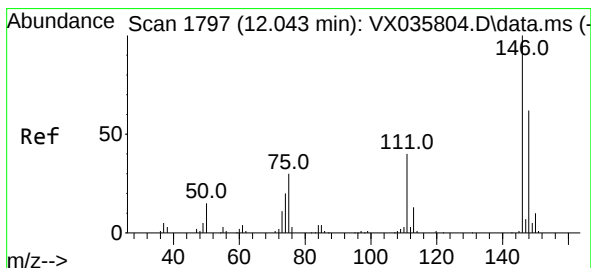
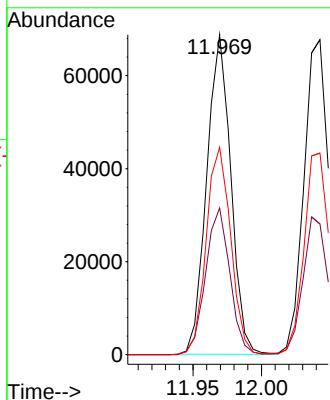
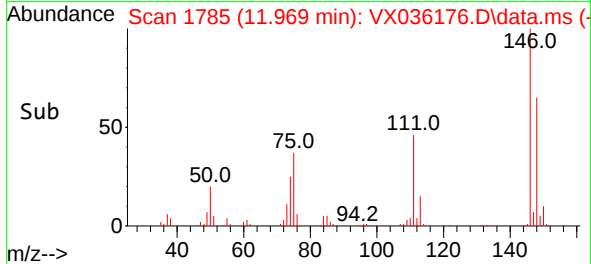
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



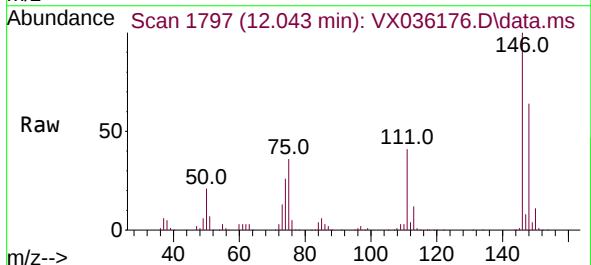
Tgt Ion:146 Resp: 8416
Ion Ratio Lower Upper
146 100
111 46.3 20.6 61.9
148 66.1 31.6 94.7

Manual Integrations
APPROVED

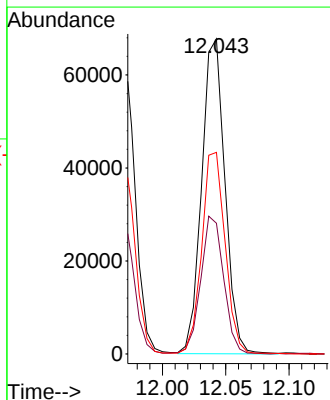
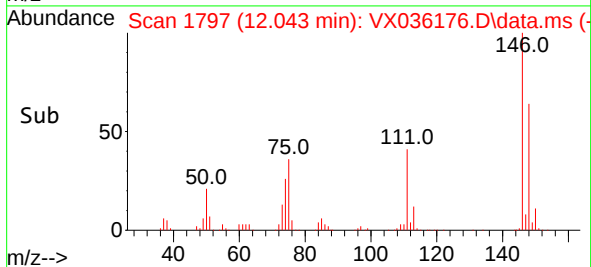
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

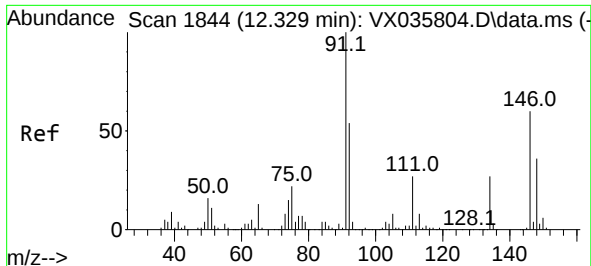


#84
1,4-Dichlorobenzene
Concen: 16.274 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12



Tgt Ion:146 Resp: 86851
Ion Ratio Lower Upper
146 100
111 43.2 20.3 60.9
148 63.7 31.8 95.3





#85

n-Butylbenzene

Concen: 15.677 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX036176.D

Acq: 15 Jun 2023 18:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 91 Resp: 13889

Ion Ratio Lower Upper

91 100

92 52.5 0.0 107.6

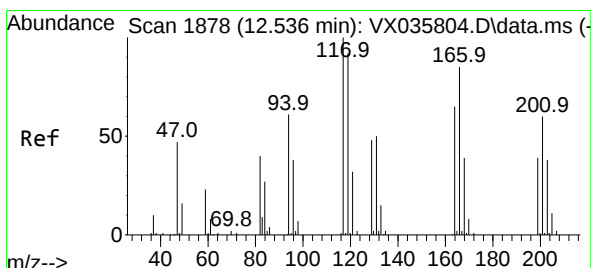
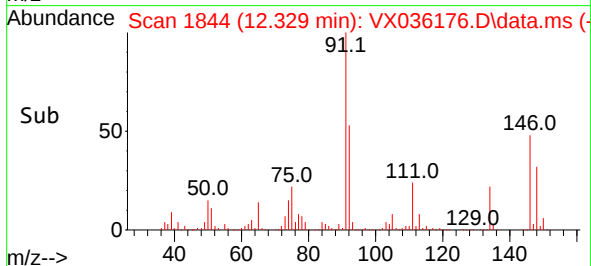
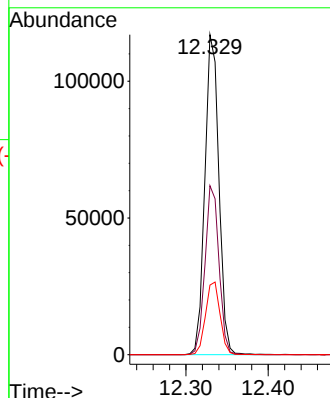
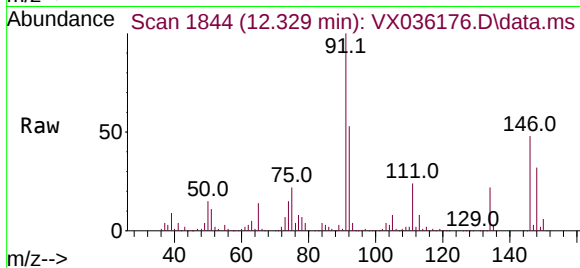
134 23.2 0.0 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#86

Hexachloroethane

Concen: 15.440 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX036176.D

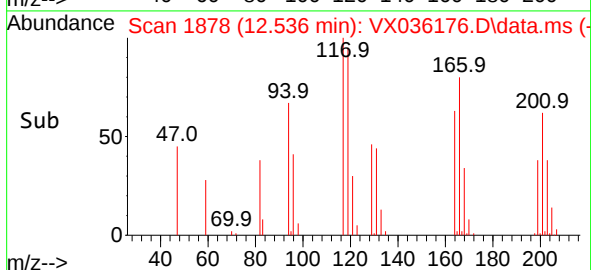
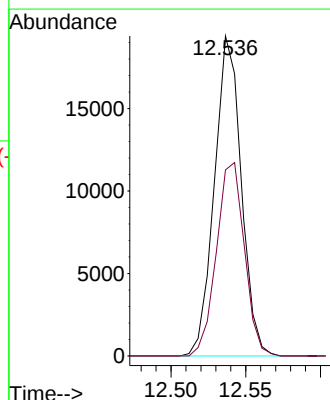
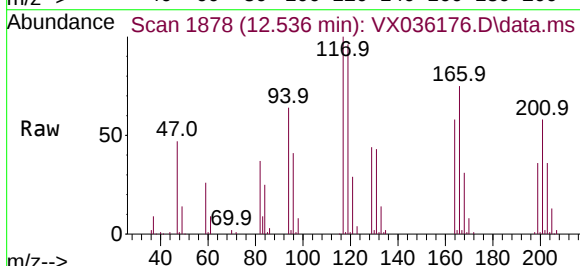
Acq: 15 Jun 2023 18:12

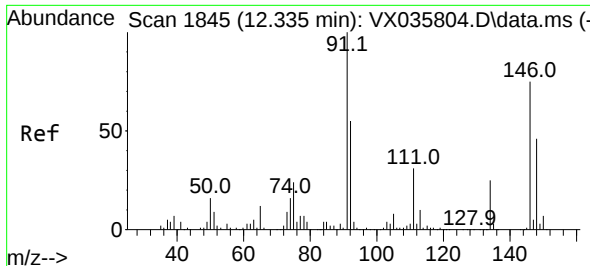
Tgt Ion:117 Resp: 24214

Ion Ratio Lower Upper

117 100

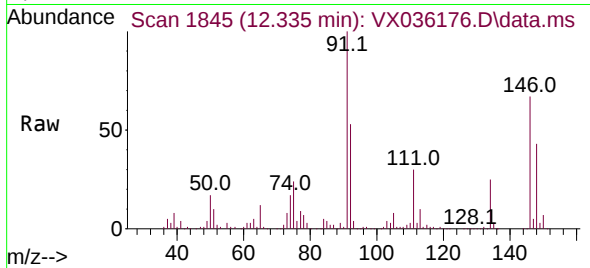
201 63.0 35.4 106.2





#87
1,2-Dichlorobenzene
Concen: 16.623 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

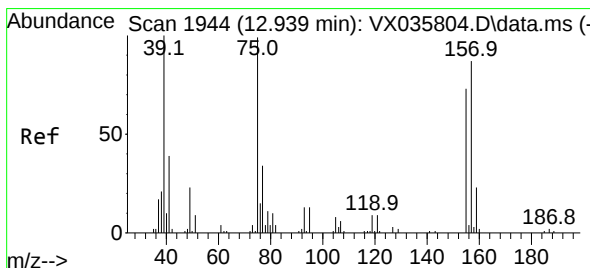
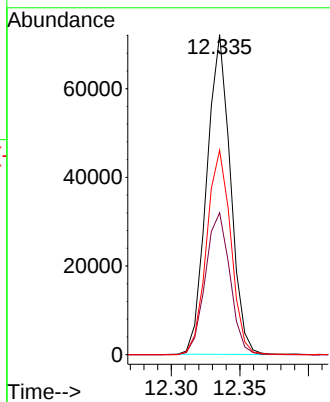
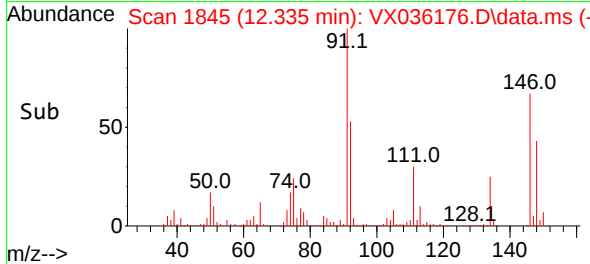
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



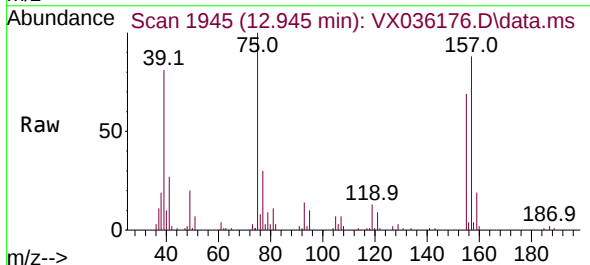
Tgt Ion:146 Resp: 86599
Ion Ratio Lower Upper
146 100
111 46.1 21.3 64.0
148 65.4 31.7 95.1

Manual Integrations
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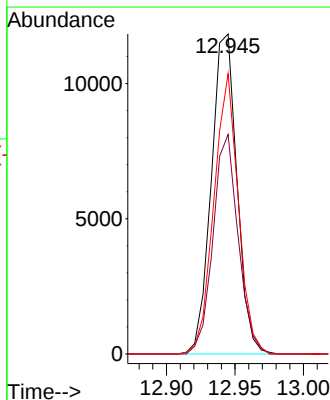
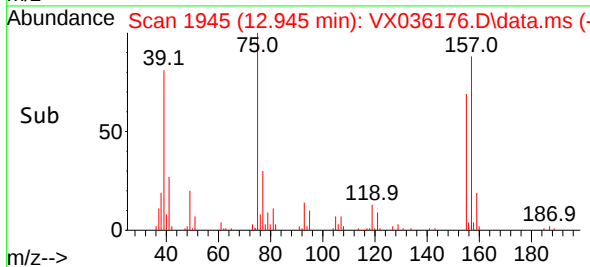
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

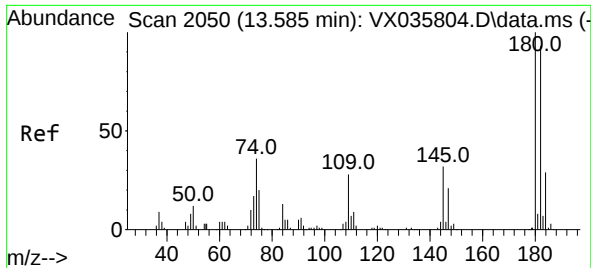


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.666 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12



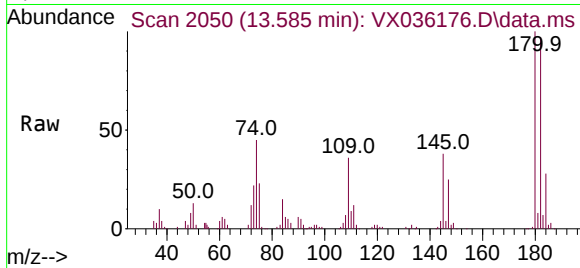
Tgt Ion: 75 Resp: 15395
Ion Ratio Lower Upper
75 100
155 67.2 63.7 95.5
157 83.3 83.7 125.5#





#89
1,2,4-Trichlorobenzene
Concen: 15.311 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

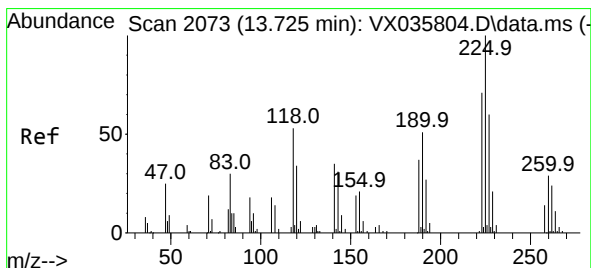
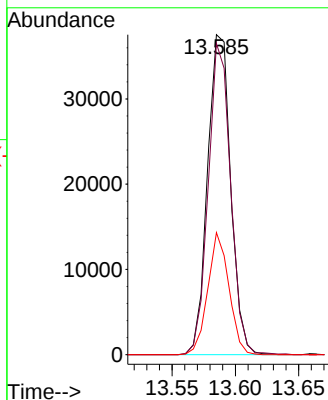
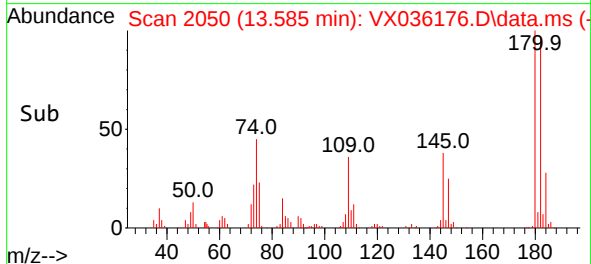
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:180 Resp: 4780
Ion Ratio Lower Upper
180 100
182 93.6 75.8 113.8
145 34.8 25.8 38.6

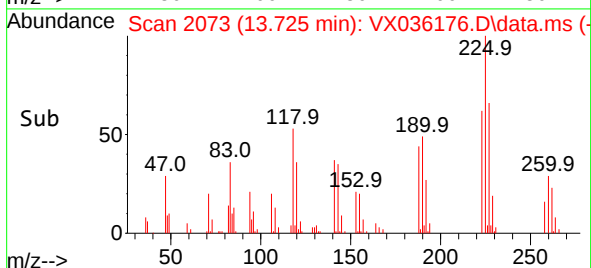
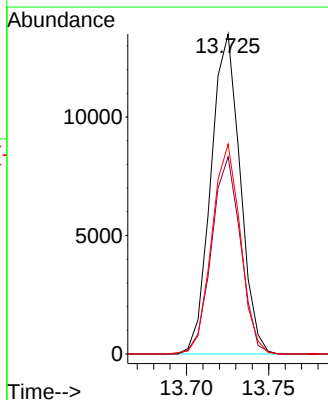
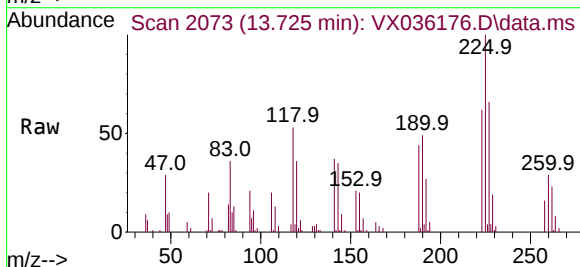
Manual Integrations
APPROVED

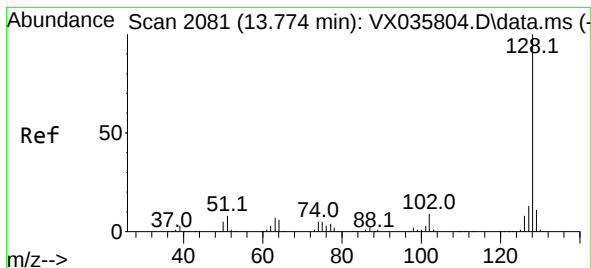
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#90
Hexachlorobutadiene
Concen: 14.507 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

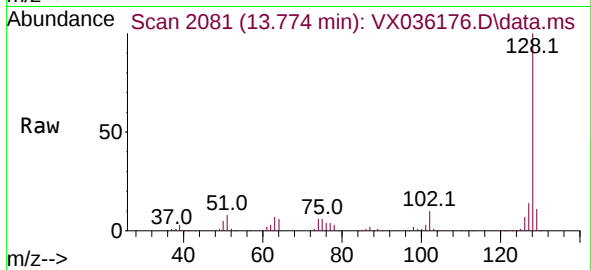
Tgt Ion:225 Resp: 16697
Ion Ratio Lower Upper
225 100
223 61.0 0.0 124.2
227 64.1 0.0 122.8





#91
Naphthalene
Concen: 16.271 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12

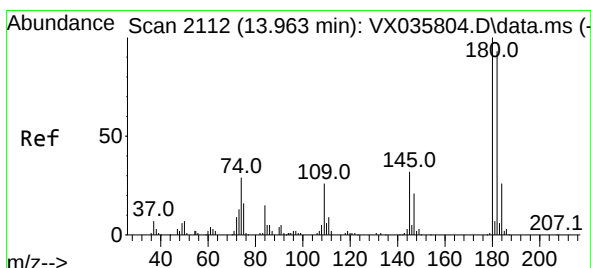
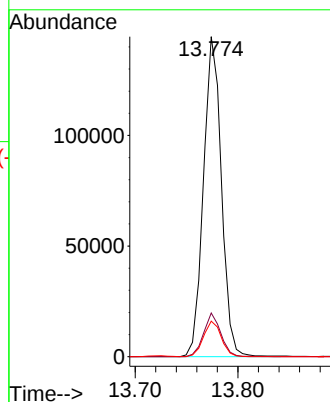
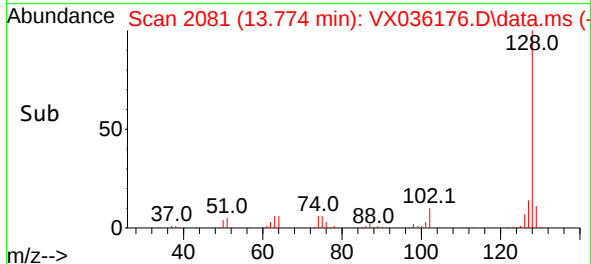
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



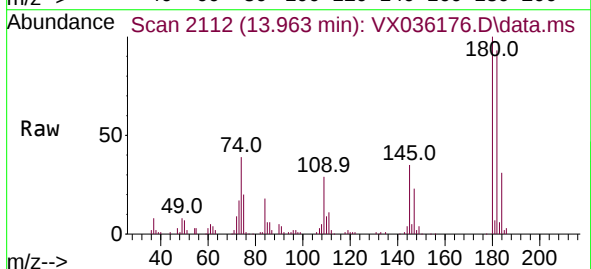
Tgt Ion:128 Resp: 175790
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#92
1,2,3-Trichlorobenzene
Concen: 15.378 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX036176.D
Acq: 15 Jun 2023 18:12



Tgt Ion:180 Resp: 47937
Ion Ratio Lower Upper
180 100
182 94.8 0.0 191.0
145 36.3 0.0 66.8

