

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061523\
 Data File : VX036165.D
 Acq On : 15 Jun 2023 12:56
 Operator : JC/MD
 Sample : VX0615WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jun 16 07:53:17 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

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

Internal Standards						
1) Bromochloromethane	4.898	128	38088	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	206775	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	197857	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	106072	33.517	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 111.733%#			
60) 4-Bromofluorobenzene	11.079	95	106436	32.059	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 106.867%			
63) Toluene-d8	8.647	98	249070	28.475	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 94.933%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	43688	22.431	ug/l	99
3) Chloromethane	1.295	50	38316	16.036	ug/l	98
4) Vinyl Chloride	1.374	62	38786	17.273	ug/l	96
5) Bromomethane	1.618	94	23021	15.240	ug/l	96
6) Chloroethane	1.691	64	23706	16.746	ug/l	94
7) Trichlorofluoromethane	1.892	101	67139	19.723	ug/l	98
8) Diethyl Ether	2.130	74	24999	17.663	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	40677	22.210	ug/l	95
10) 1,1-Dichloroethene	2.319	96	35525	18.607	ug/l	92
11) Methyl Iodide	2.453	142	37238	16.145	ug/l	96
12) Methyl Acetate	2.703	43	109945	20.379	ug/l	98
13) Acrolein	2.239	56	46856	109.870	ug/l	99
14) Acrylonitrile	3.069	53	131580	97.292	ug/l	99
15) Acetone	2.398	58	38484	95.134	ug/l	94
16) Carbon Disulfide	2.514	76	74410	17.958	ug/l	100
17) Allyl chloride	2.666	41	72983	18.948	ug/l	98
18) Methylene Chloride	2.788	84	44544	17.915	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	37819	17.571	ug/l	91
20) Diisopropyl ether	3.757	45	155380	18.686	ug/l	97
21) 1,1-Dichloroethane	3.605	63	81681	18.741	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	48023	18.032	ug/l	95
23) tert-Butyl Alcohol	3.014	59	50540m	102.375	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	152865	19.865	ug/l	95
25) Chloroform	5.093	83	88345	19.753	ug/l	99
26) Cyclohexane	5.465	56	64297	19.506	ug/l #	97
29) 1,1-Dichloropropene	5.690	75	59623	20.707	ug/l	97
30) 2-Butanone	4.562	43	197032	104.532	ug/l	99
31) 2,2-Dichloropropane	4.477	77	67966	21.970	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	74775	22.238	ug/l	99
33) Carbon Tetrachloride	5.678	117	60005	22.599	ug/l	98
34) Benzene	6.038	78	168020	18.497	ug/l	99
35) Methacrylonitrile	4.916	41	41720	20.742	ug/l	97
36) 1,2-Dichloroethane	6.086	62	78353	22.164	ug/l	97
37) Trichloroethene	7.123	130	42817	18.752	ug/l	93
38) Methylcyclohexane	7.379	83	67681	21.433	ug/l	95
39) 1,2-Dichloropropane	7.428	63	45463	18.594	ug/l	99
40) Dibromomethane	7.580	93	33383	20.187	ug/l	94
41) Bromodichloromethane	7.818	83	63773	21.332	ug/l #	95
42) Vinyl Acetate	3.721	43	568835	102.740	ug/l	99

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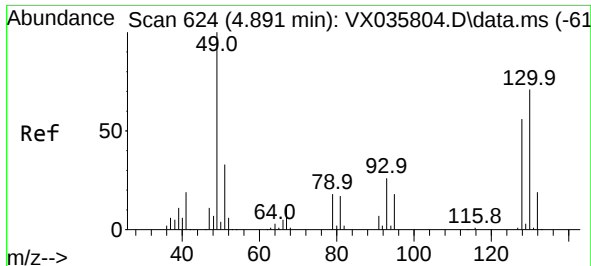
Manual Integrations
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 Supervised By : Mahesh Dadoda 06/16/2023

Quant Time: Jun 16 07:53:17 2023
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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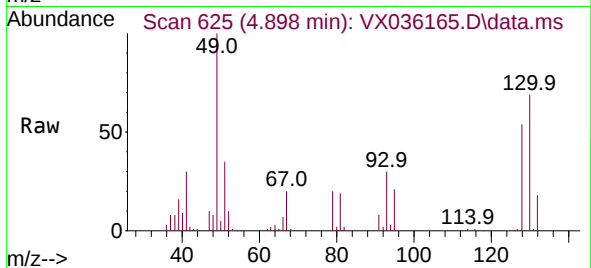
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	72191	20.083	ug/l	100
44) Isopropyl Acetate	6.336	43	117548	20.061	ug/l	99
45) 1,4-Dioxane	7.708	88	20424m	366.980	ug/l	
46) Methyl methacrylate	7.690	41	59831	21.133	ug/l	97
47) n-amyl Acetate	10.842	43	99068	20.128	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	67097	20.288	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	72887	19.970	ug/l	95
50) 1,1,2-Trichloroethane	9.153	97	46948	19.844	ug/l	99
51) Ethyl methacrylate	9.116	69	71872	19.707	ug/l	93
52) 1,3-Dichloropropane	9.305	76	82425	19.992	ug/l	100
53) Dibromochloromethane	9.519	129	46230	21.307	ug/l	97
54) 1,2-Dibromoethane	9.610	107	48212	19.615	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	210923	108.983	ug/l	99
56) Bromoform	10.799	173	28883	20.535	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	383008	99.661	ug/l	99
59) 2-Hexanone	9.427	43	294148	101.720	ug/l	98
61) Tetrachloroethene	9.275	164	35742	18.757	ug/l	96
62) Toluene	8.720	91	184240	18.082	ug/l	99
64) Chlorobenzene	10.080	112	117350	18.185	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	41951	18.595	ug/l	98
66) Ethyl Benzene	10.195	91	215165	18.882	ug/l	99
67) m/p-Xylenes	10.299	106	161641	37.476	ug/l	97
68) o-Xylene	10.640	106	79926	18.525	ug/l	94
69) Styrene	10.653	104	132793	18.649	ug/l	97
70) Isopropylbenzene	10.964	105	214764	19.502	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	76437	19.596	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	74147m	21.826	ug/l	
73) Bromobenzene	11.195	156	48158	18.000	ug/l	89
74) n-propylbenzene	11.305	91	258062	19.660	ug/l	99
75) 2-Chlorotoluene	11.360	91	157995	19.595	ug/l	96
76) 1,3,5-Trimethylbenzene	11.451	105	184704	19.748	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	18468	18.021	ug/l	87
78) 4-Chlorotoluene	11.451	91	184283	20.062	ug/l	97
79) tert-butylbenzene	11.713	119	176141	19.508	ug/l	94
80) 1,2,4-Trimethylbenzene	11.750	105	186281	19.818	ug/l	96
81) sec-Butylbenzene	11.890	105	226795	19.895	ug/l	98
82) p-Isopropyltoluene	12.006	119	190019	20.036	ug/l	97
83) 1,3-Dichlorobenzene	11.969	146	94635	18.689	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	95715	18.833	ug/l	98
85) n-Butylbenzene	12.329	91	171180	20.289	ug/l	99
86) Hexachloroethane	12.536	117	29301	19.619	ug/l	88
87) 1,2-Dichlorobenzene	12.335	146	95002	19.149	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.939	75	17192	23.062	ug/l	87
89) 1,2,4-Trichlorobenzene	13.585	180	57627	19.381	ug/l	97
90) Hexachlorobutadiene	13.725	225	23531	21.468	ug/l	99
91) Naphthalene	13.774	128	202952	19.725	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	57736	19.448	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: VX036165.D
Acq: 15 Jun 2023 12:56

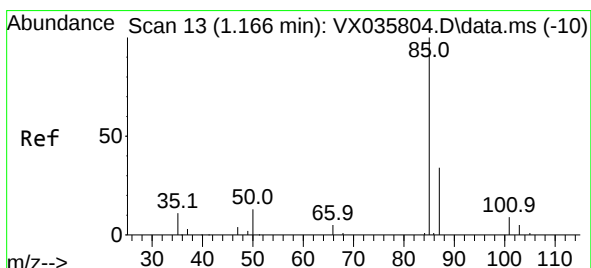
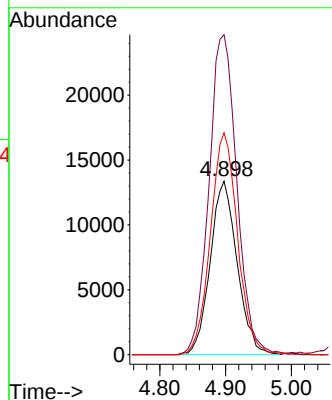
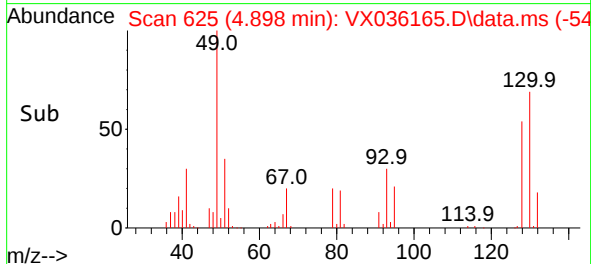
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01



Tgt Ion:128 Resp: 3808
Ion Ratio Lower Upper
128 100
49 190.4 0.0 428.8
130 128.9 0.0 310.8

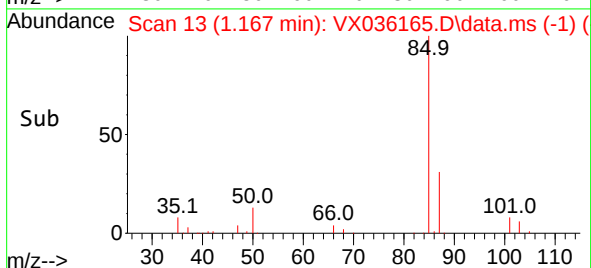
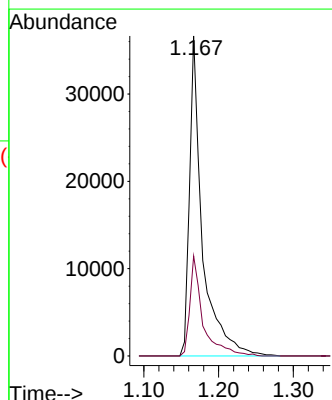
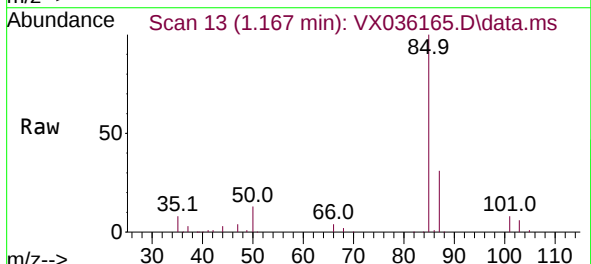
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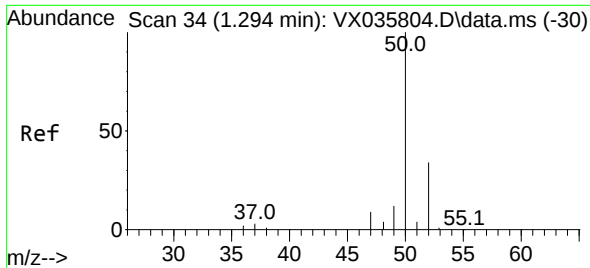
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#2
Dichlorodifluoromethane
Concen: 22.431 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

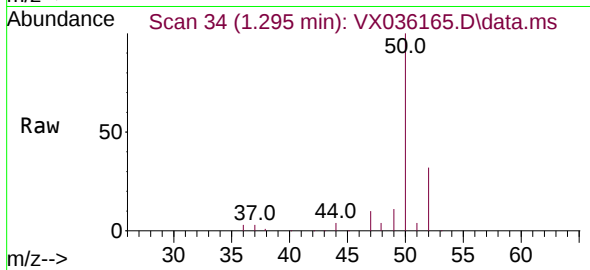
Tgt Ion: 85 Resp: 43688
Ion Ratio Lower Upper
85 100
87 31.3 16.0 48.0





#3
Chloromethane
Concen: 16.036 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

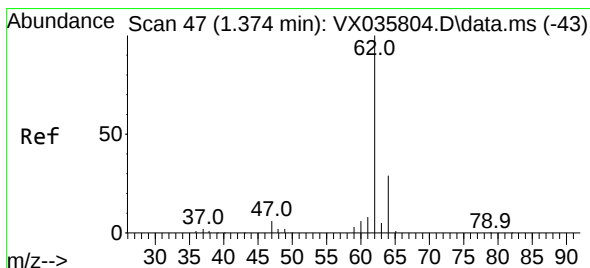
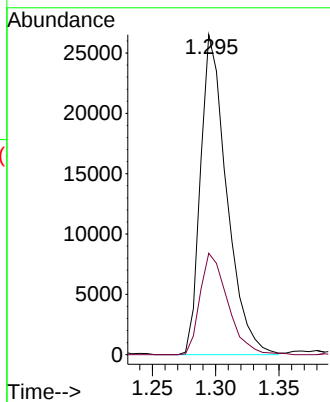
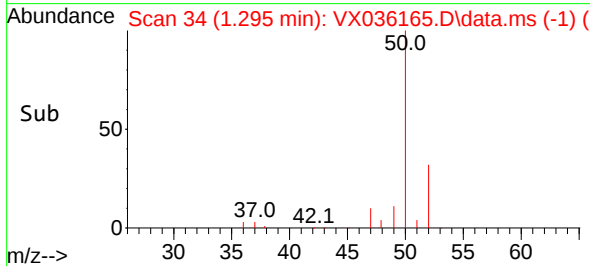
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01



Tgt Ion: 50 Resp: 38310
Ion Ratio Lower Upper
50 100
52 31.7 24.6 36.8

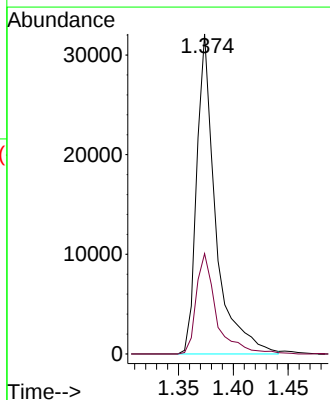
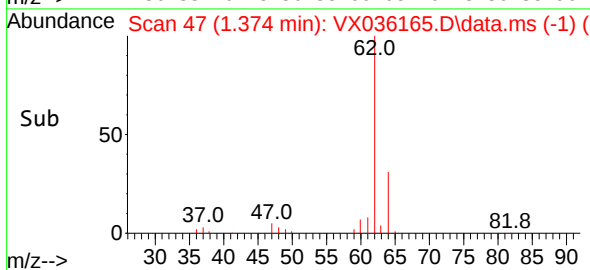
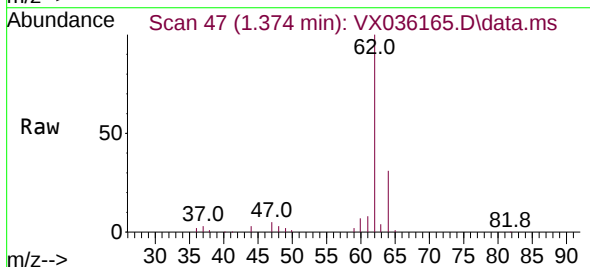
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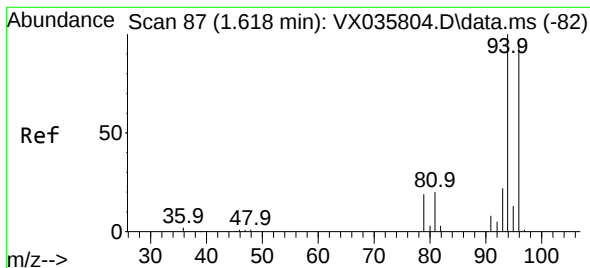
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#4
Vinyl Chloride
Concen: 17.273 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

Tgt Ion: 62 Resp: 38786
Ion Ratio Lower Upper
62 100
64 31.4 26.9 40.3





#5

Bromomethane

Concen: 15.240 ug/l

RT: 1.618 min Scan# 87

Delta R.T. 0.000 min

Lab File: VX036165.D

Acq: 15 Jun 2023 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

Tgt Ion: 94 Resp: 2302

Ion Ratio Lower Upper

94 100

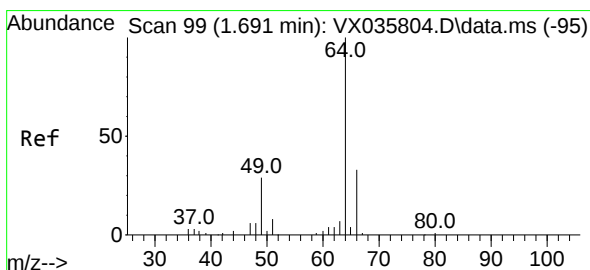
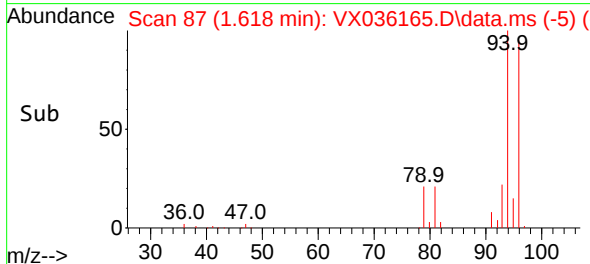
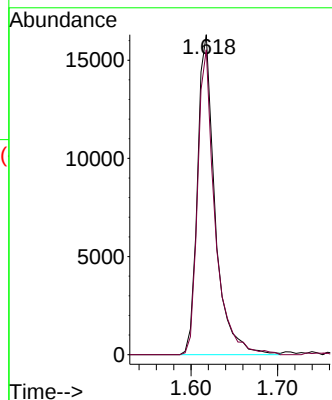
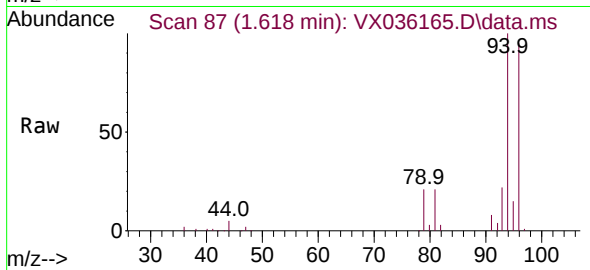
96 95.3 73.4 110.0

Manual Integrations

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Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#6

Chloroethane

Concen: 16.746 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX036165.D

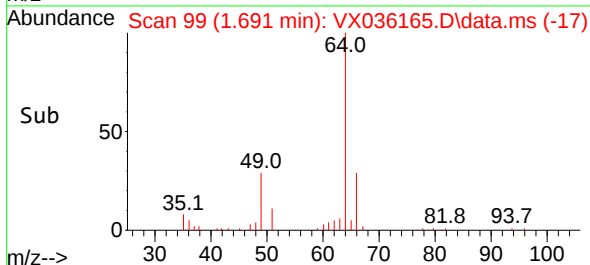
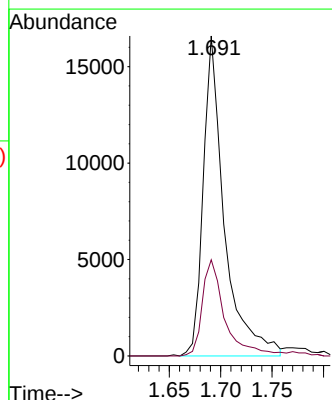
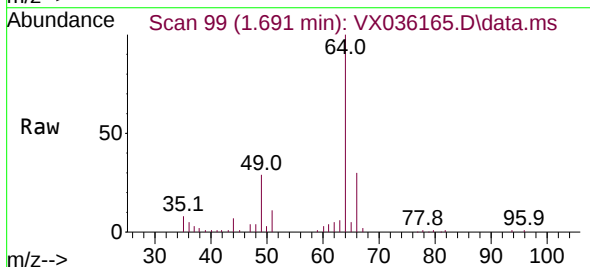
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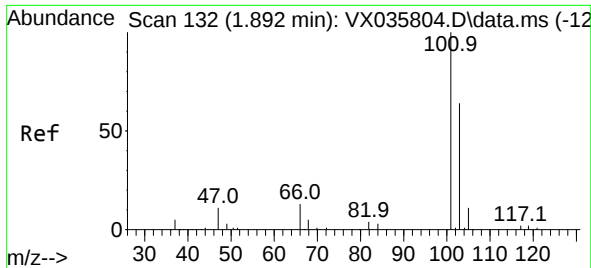
Tgt Ion: 64 Resp: 23706

Ion Ratio Lower Upper

64 100

66 30.1 26.6 40.0





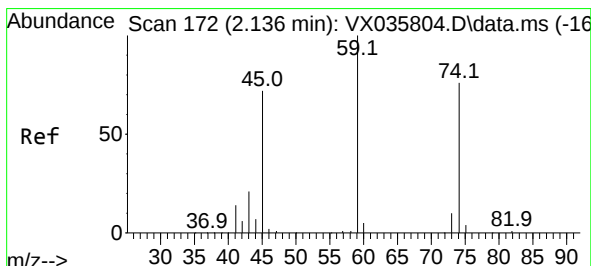
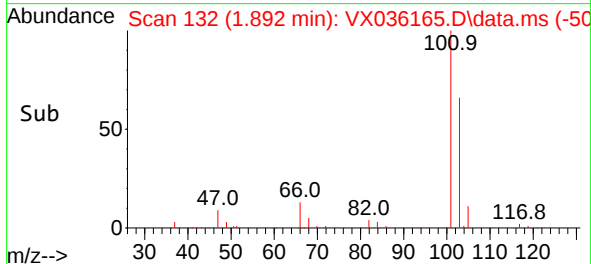
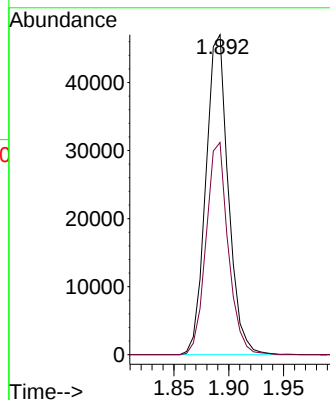
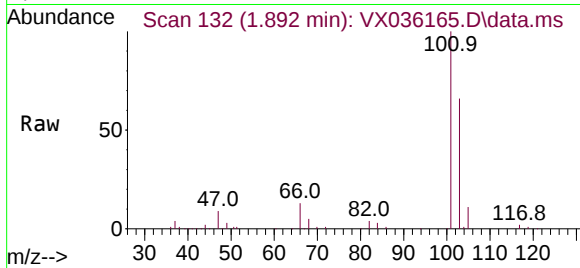
#7
Trichlorofluoromethane
Concen: 19.723 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 67139
Ion Ratio Lower Upper
101 100
103 66.3 52.1 78.1

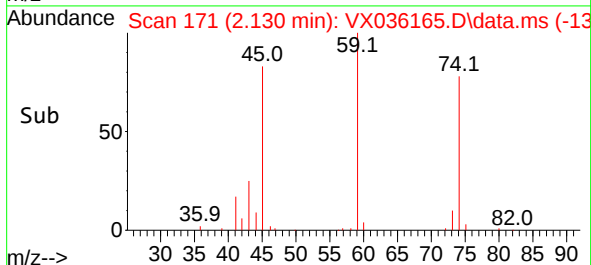
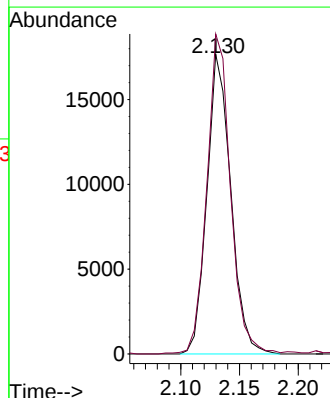
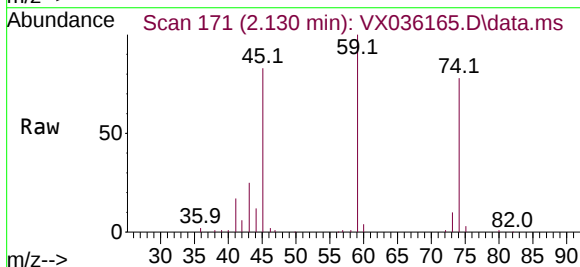
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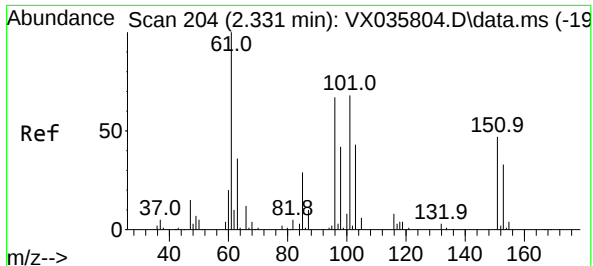
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#8
Diethyl Ether
Concen: 17.663 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

Tgt Ion: 74 Resp: 24999
Ion Ratio Lower Upper
74 100
45 104.2 20.5 184.5





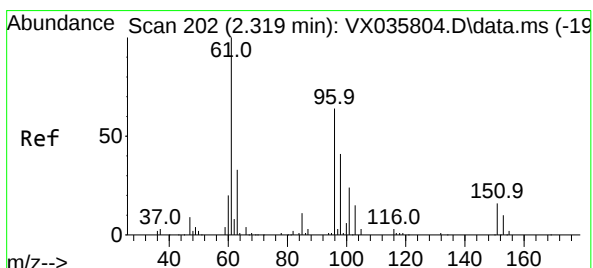
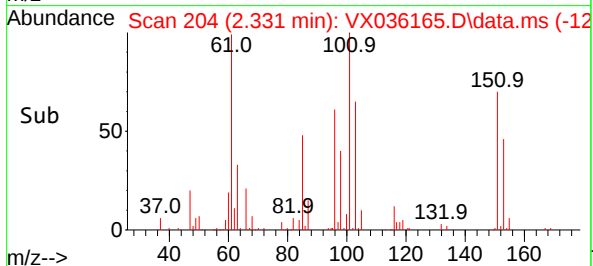
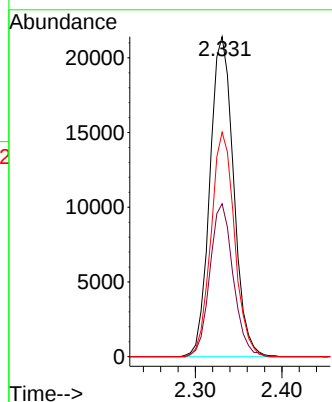
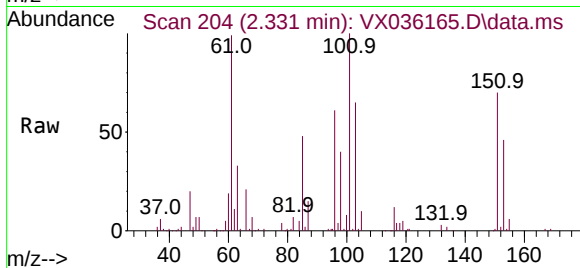
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 22.210 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX036165.D
 Acq: 15 Jun 2023 12:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBSD01

Tgt Ion:101 Resp: 4067
 Ion Ratio Lower Upper
 101 100
 85 47.0 0.0 88.8
 151 69.6 0.0 147.6

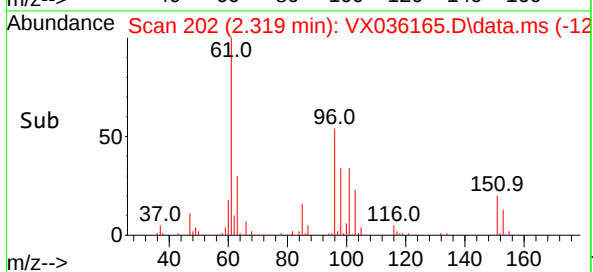
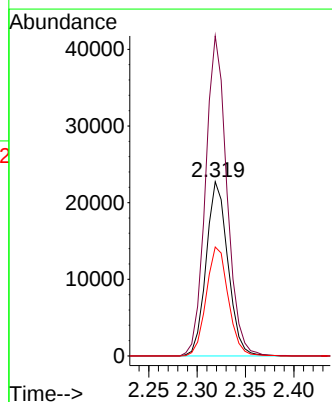
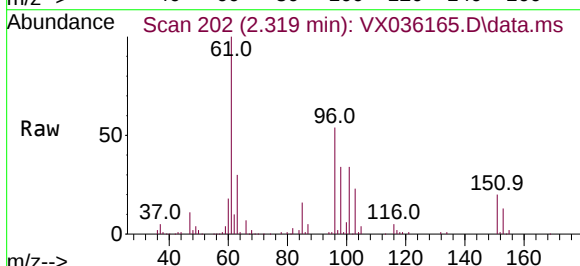
Manual Integrations
 APPROVED

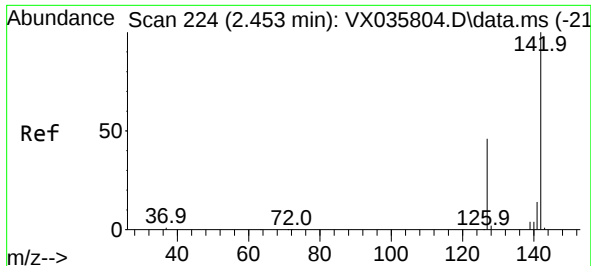
Reviewed By :John Carlone 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023



#10
 1,1-Dichloroethene
 Concen: 18.607 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX036165.D
 Acq: 15 Jun 2023 12:56

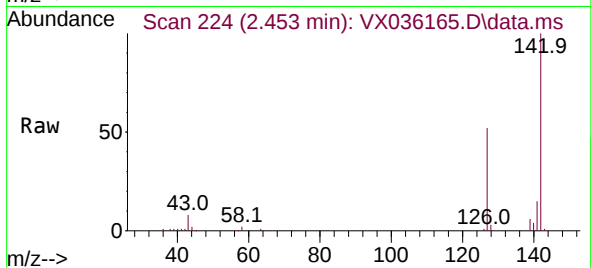
Tgt Ion: 96 Resp: 35525
 Ion Ratio Lower Upper
 96 100
 61 183.7 135.8 203.6
 98 62.6 49.8 74.6





#11
Methyl Iodide
Concen: 16.145 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

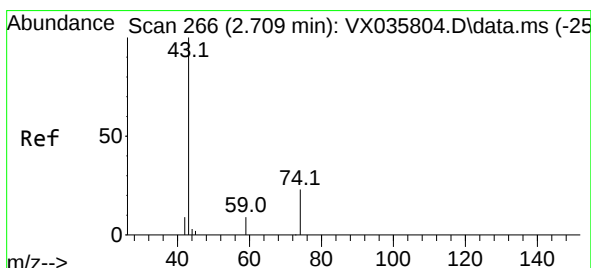
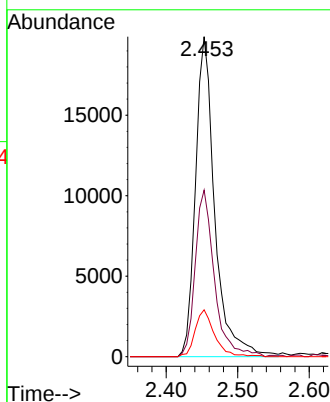
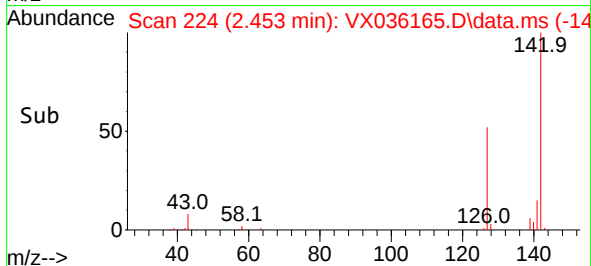
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01



Tgt Ion:142 Resp: 37238
Ion Ratio Lower Upper
142 100
127 52.0 24.5 73.5
141 14.7 7.6 22.8

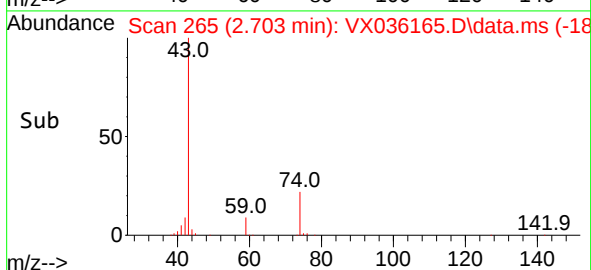
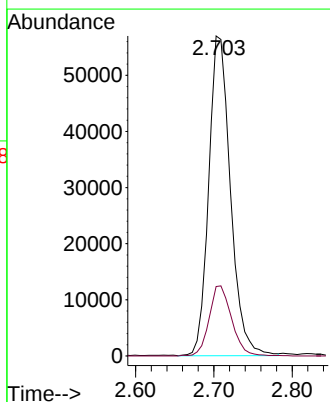
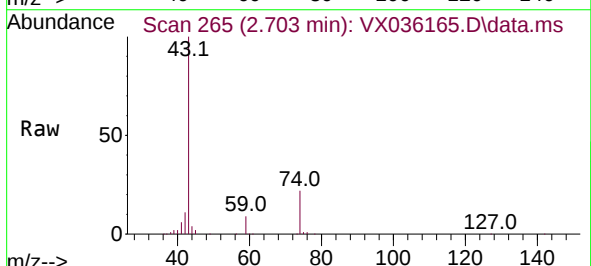
Manual Integrations
APPROVED

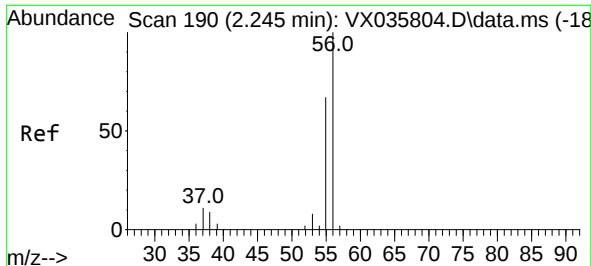
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#12
Methyl Acetate
Concen: 20.379 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

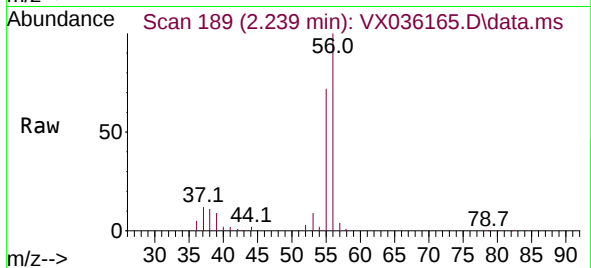
Tgt Ion: 43 Resp: 109945
Ion Ratio Lower Upper
43 100
74 21.7 18.0 27.0





#13
Acrolein
Concen: 109.870 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

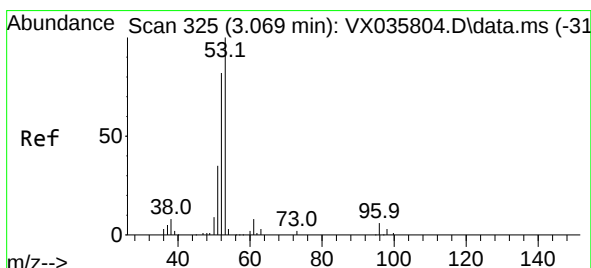
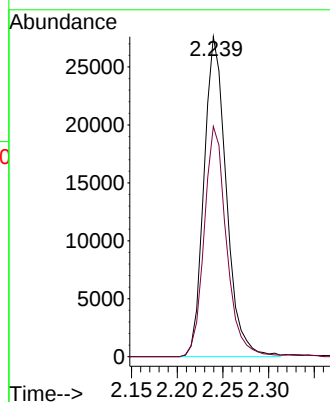
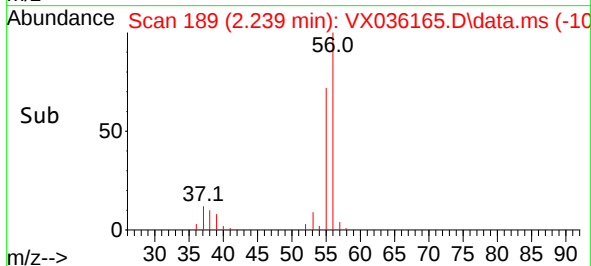
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01



Tgt Ion: 56 Resp: 46850
Ion Ratio Lower Upper
56 100
55 71.7 56.6 85.0

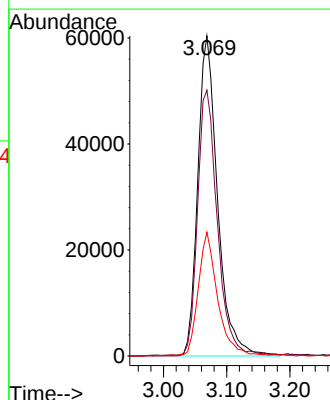
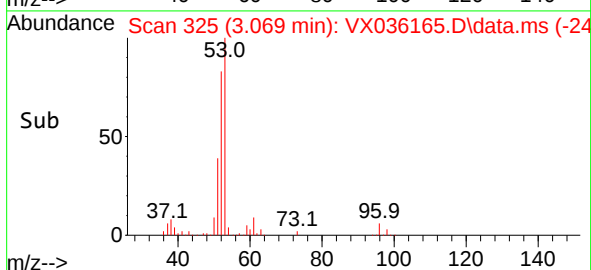
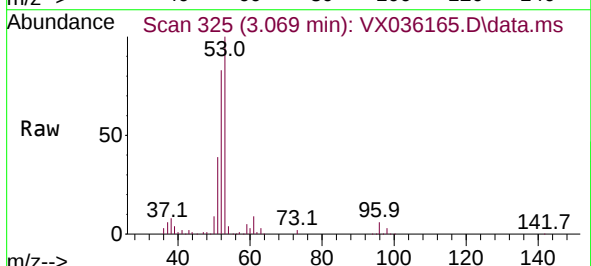
Manual Integrations
APPROVED

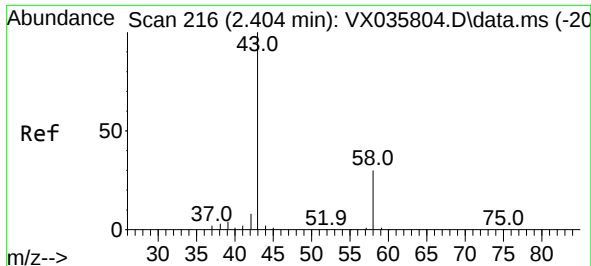
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#14
Acrylonitrile
Concen: 97.292 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

Tgt Ion: 53 Resp: 131580
Ion Ratio Lower Upper
53 100
52 82.1 41.3 123.7
51 36.7 17.9 53.7





#15

Acetone

Concen: 95.134 ug/l

RT: 2.398 min Scan# 216

Delta R.T. -0.006 min

Lab File: VX036165.D

Acq: 15 Jun 2023 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

Tgt Ion: 58 Resp: 3848

Ion Ratio Lower Upper

58 100

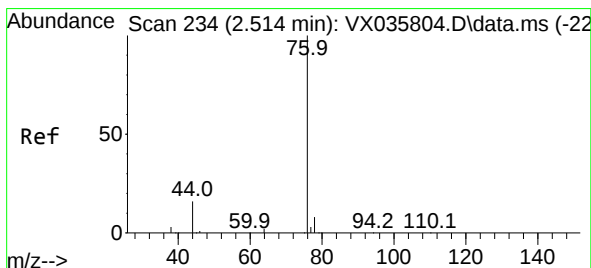
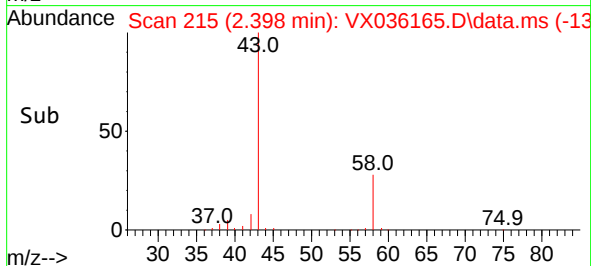
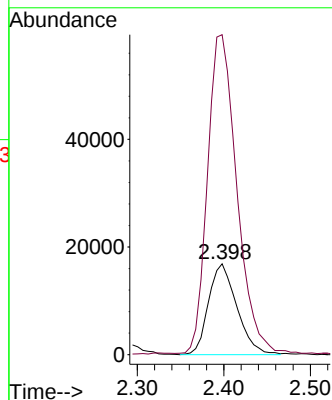
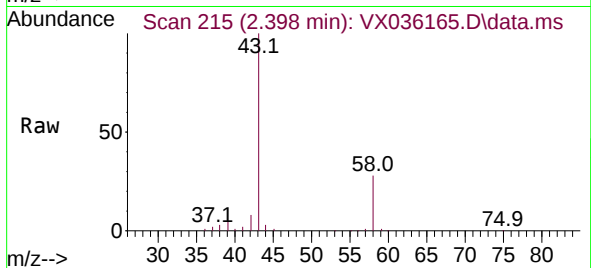
43 350.3 270.8 406.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#16

Carbon Disulfide

Concen: 17.958 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX036165.D

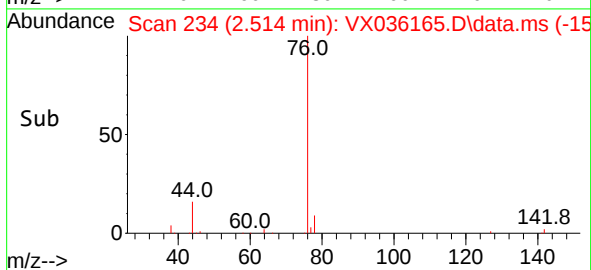
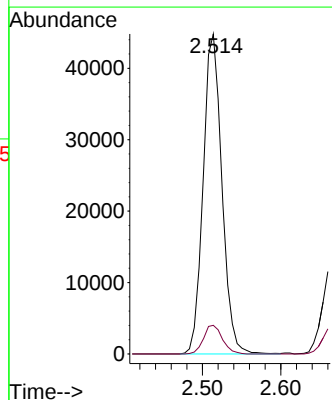
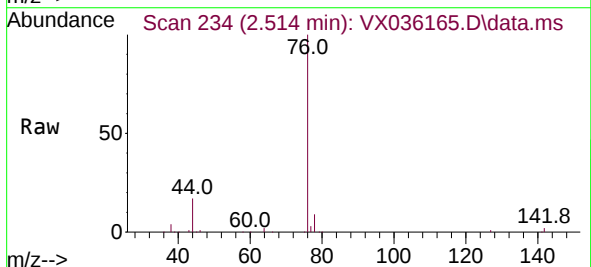
Acq: 15 Jun 2023 12:56

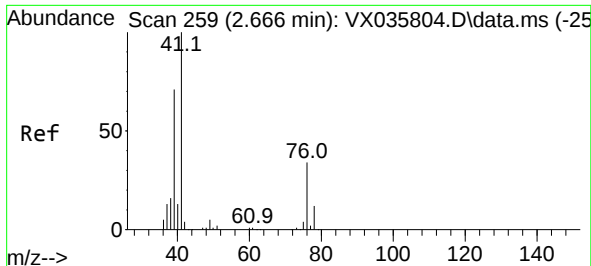
Tgt Ion: 76 Resp: 74410

Ion Ratio Lower Upper

76 100

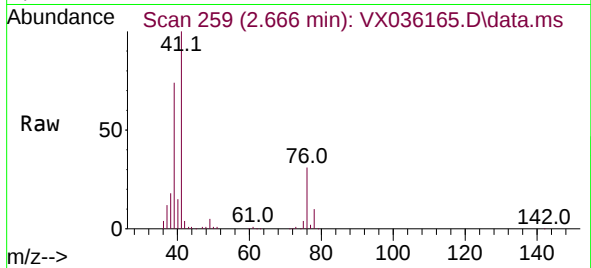
78 8.9 7.0 10.6





#17
 Allyl chloride
 Concen: 18.948 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX036165.D
 Acq: 15 Jun 2023 12:56

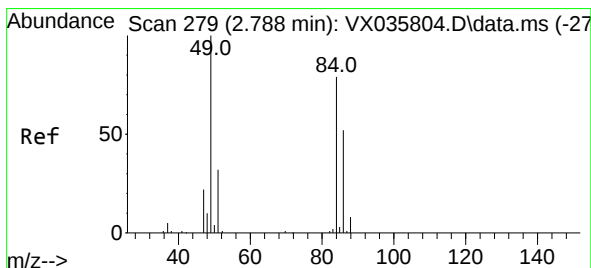
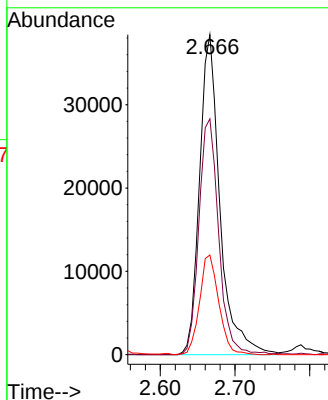
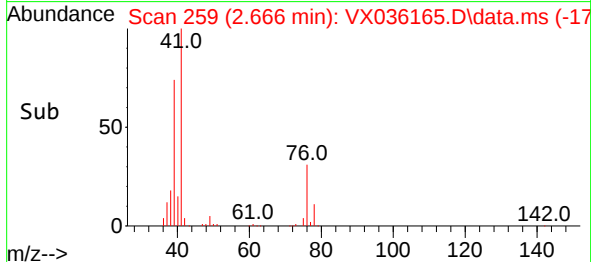
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBSD01



Tgt Ion: 41 Resp: 72983
 Ion Ratio Lower Upper
 41 100
 39 73.7 36.4 109.3
 76 31.2 17.0 51.0

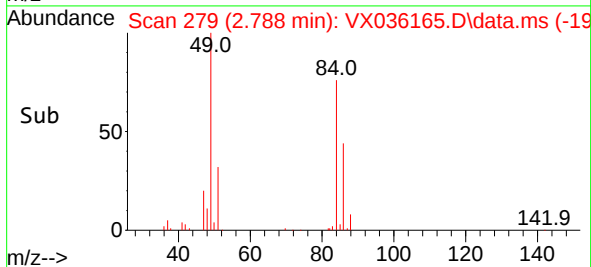
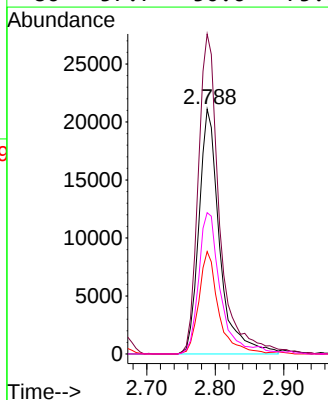
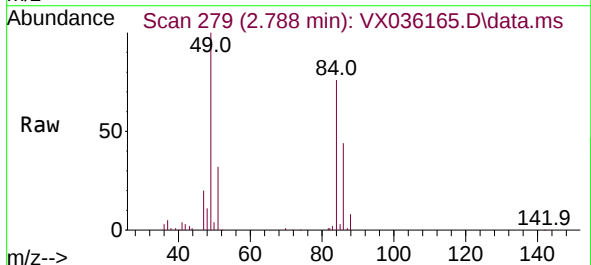
Manual Integrations
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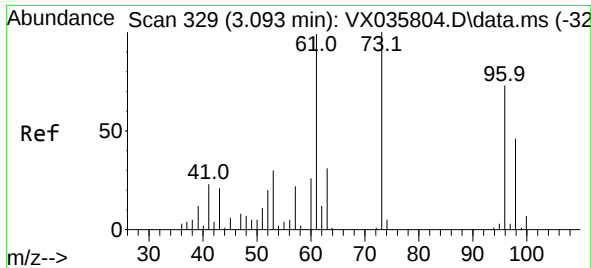
Reviewed By :John Carlone 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023



#18
 Methylene Chloride
 Concen: 17.915 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX036165.D
 Acq: 15 Jun 2023 12:56

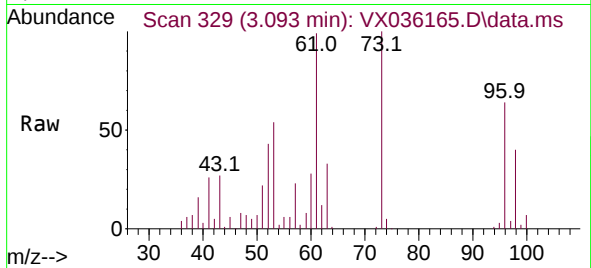
Tgt Ion: 84 Resp: 44544
 Ion Ratio Lower Upper
 84 100
 49 130.7 103.9 155.9
 51 41.8 30.6 45.8
 86 57.7 50.6 75.8





#19
trans-1,2-Dichloroethene
Concen: 17.571 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

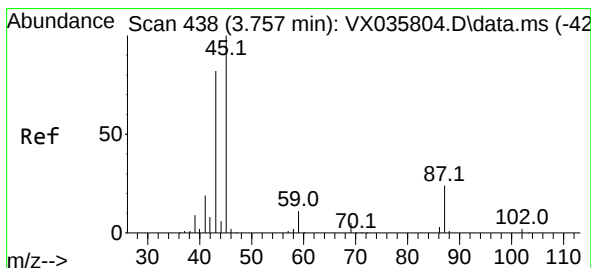
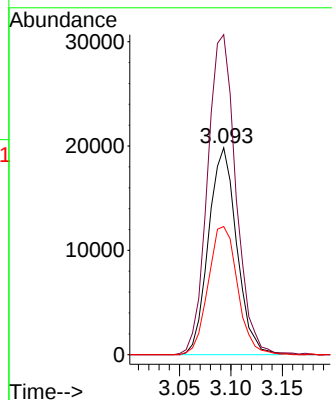
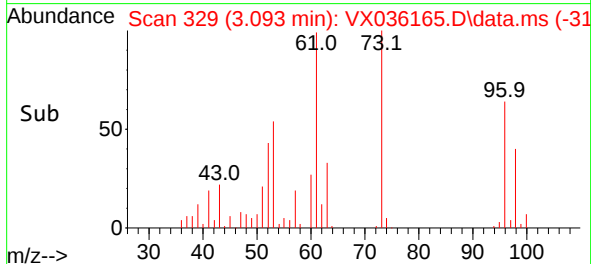
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01



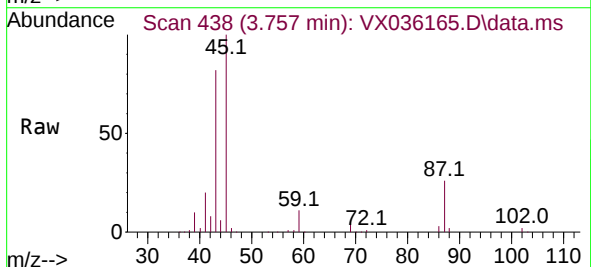
Tgt Ion: 96 Resp: 37819
Ion Ratio Lower Upper
96 100
61 154.1 111.1 166.7
98 61.9 48.6 72.8

Manual Integrations
APPROVED

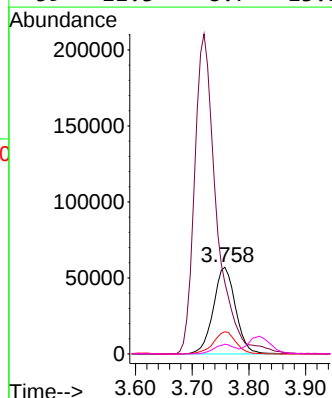
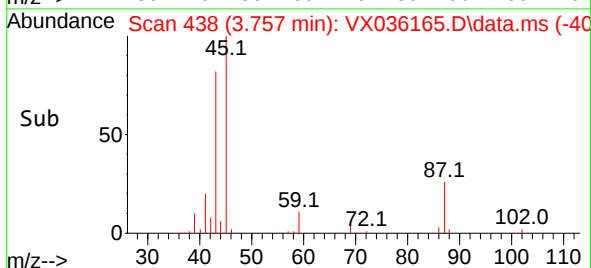
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

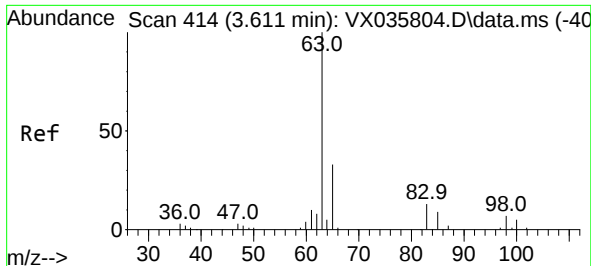


#20
Diisopropyl ether
Concen: 18.686 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56



Tgt Ion: 45 Resp: 155380
Ion Ratio Lower Upper
45 100
43 79.6 66.0 99.0
87 25.7 21.8 32.6
59 11.3 8.7 13.1





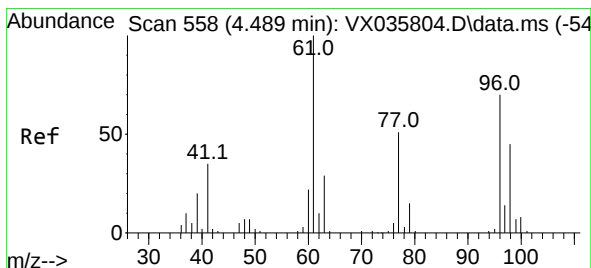
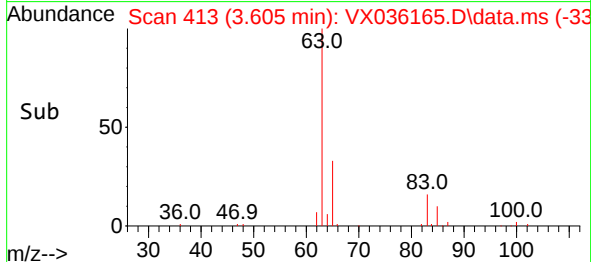
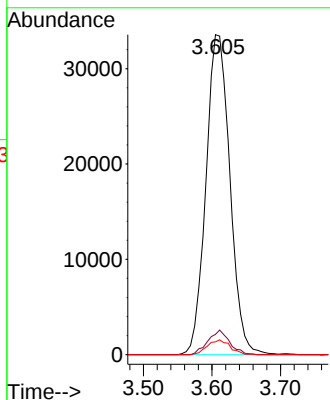
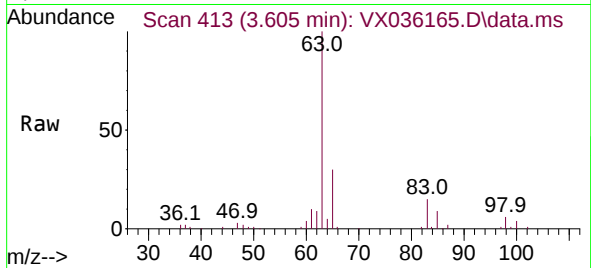
#21
1,1-Dichloroethane
Concen: 18.741 ug/l
RT: 3.605 min Scan# 414
Delta R.T. -0.006 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

Tgt Ion: 63 Resp: 8168
Ion Ratio Lower Upper
63 100
98 6.3 3.5 10.6
100 4.0 2.2 6.6

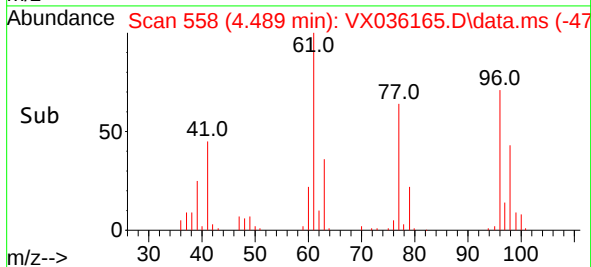
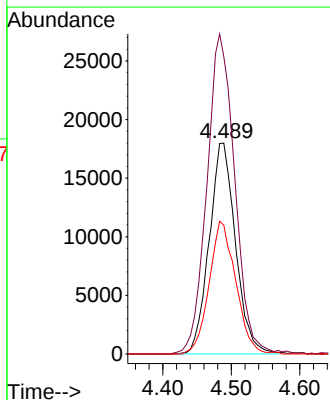
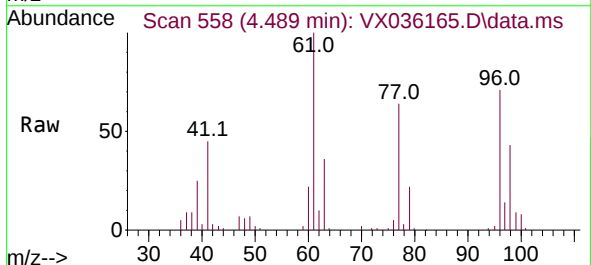
Manual Integrations
APPROVED

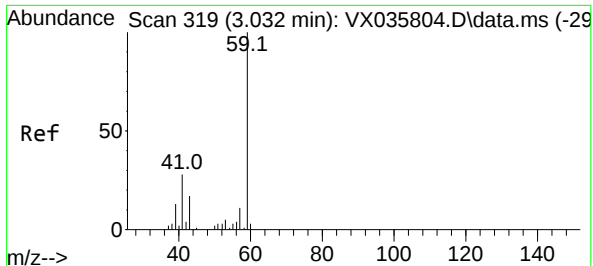
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#22
cis-1,2-Dichloroethene
Concen: 18.032 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

Tgt Ion: 96 Resp: 48023
Ion Ratio Lower Upper
96 100
61 160.1 121.7 182.5
98 63.3 52.2 78.2





#23

tert-Butyl Alcohol

Concen: 102.375 ug/l m

RT: 3.014 min Scan# 31

Delta R.T. -0.018 min

Lab File: VX036165.D

Acq: 15 Jun 2023 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

Tgt Ion: 59 Resp: 50540

Ion Ratio Lower Upper

59 100

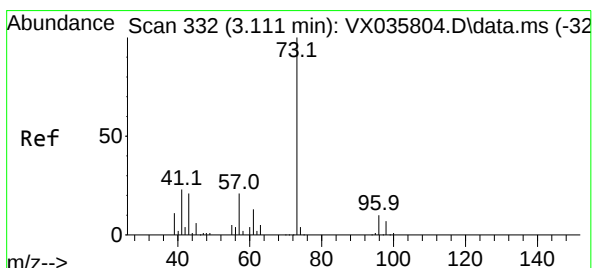
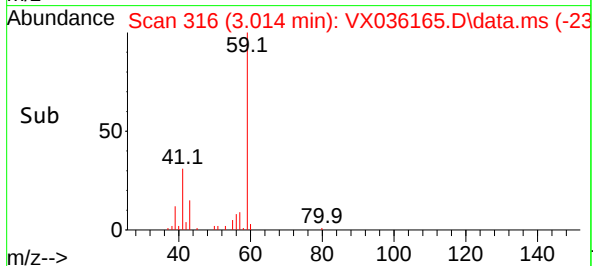
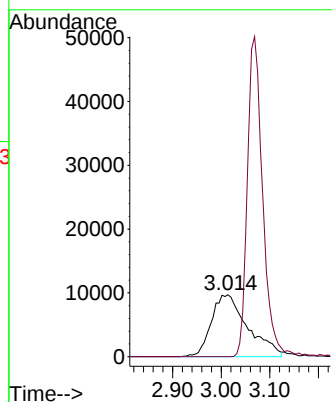
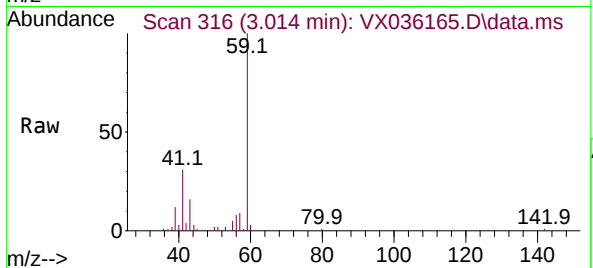
52 213.7 0.2 0.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#24

Methyl tert-Butyl Ether

Concen: 19.865 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX036165.D

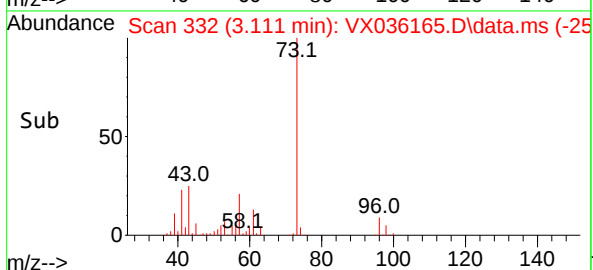
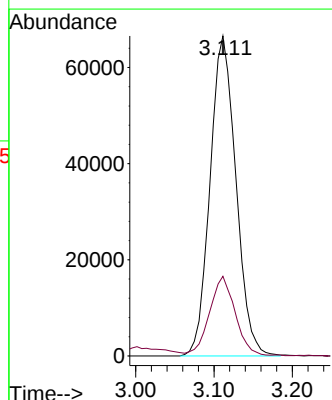
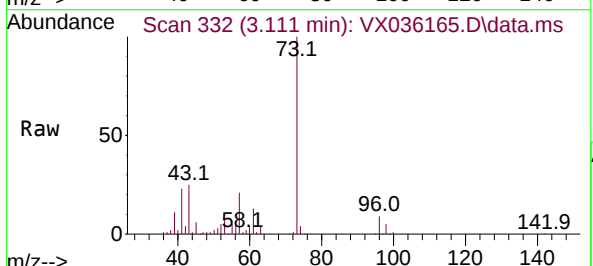
Acq: 15 Jun 2023 12:56

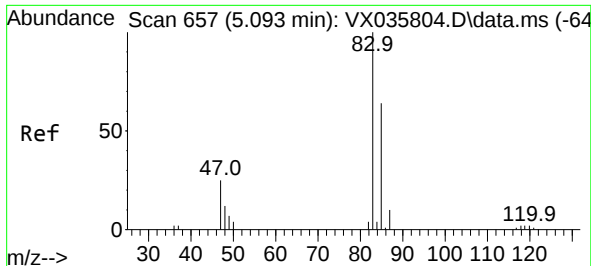
Tgt Ion: 73 Resp: 152865

Ion Ratio Lower Upper

73 100

43 24.6 17.9 26.9





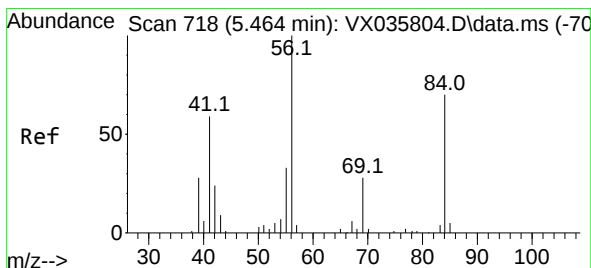
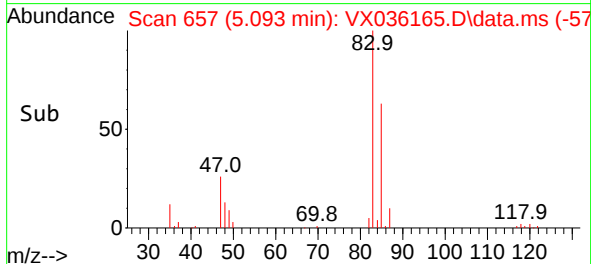
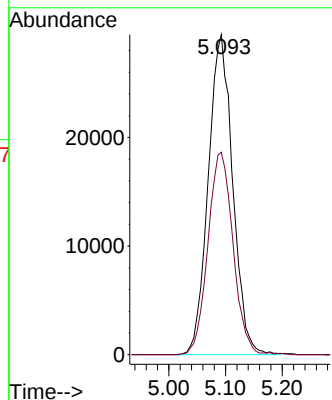
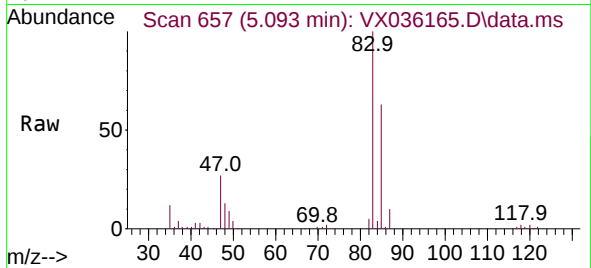
#25
Chloroform
Concen: 19.753 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

Tgt Ion: 83 Resp: 8834
Ion Ratio Lower Upper
83 100
85 63.1 51.2 76.8

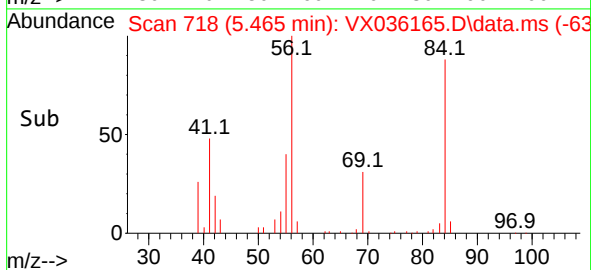
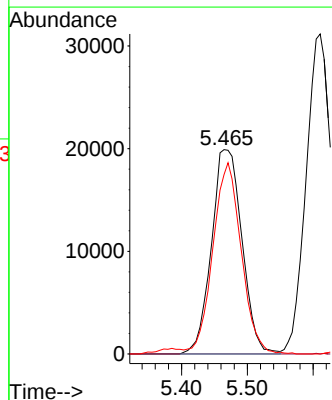
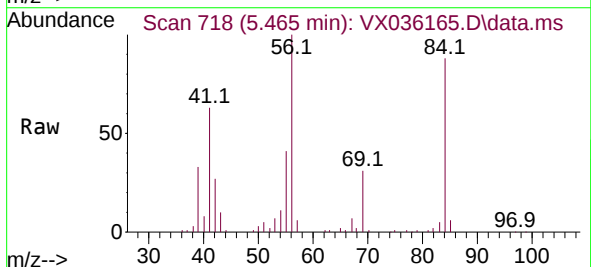
Manual Integrations
APPROVED

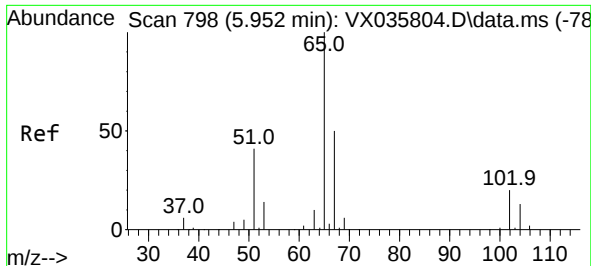
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#26
Cyclohexane
Concen: 19.506 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

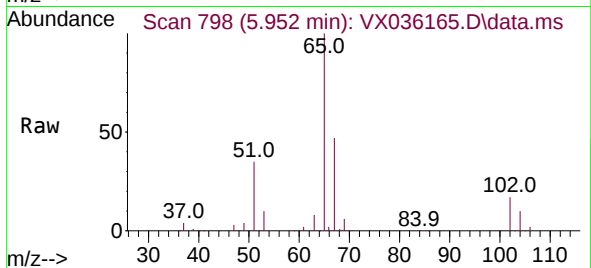
Tgt Ion: 56 Resp: 64297
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.0 67.4 101.2





#27
1,2-Dichloroethane-d4
Concen: 33.517 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

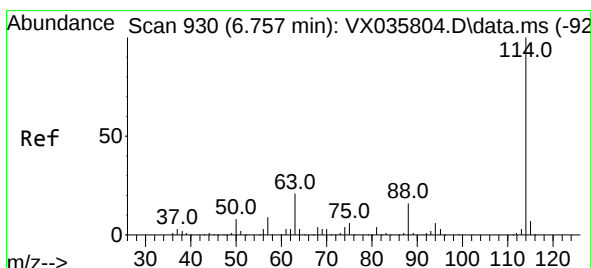
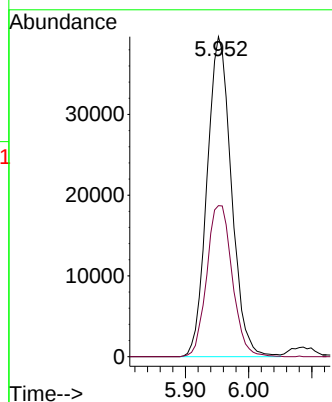
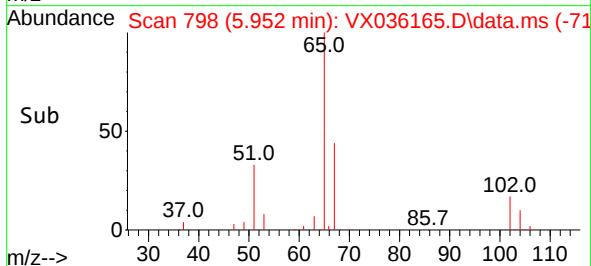
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01



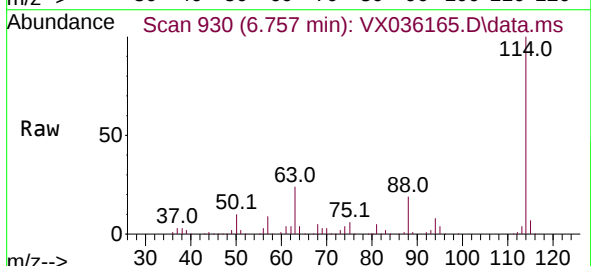
Tgt Ion: 65 Resp: 106072
Ion Ratio Lower Upper
65 100
67 49.2 40.9 61.3

Manual Integrations
APPROVED

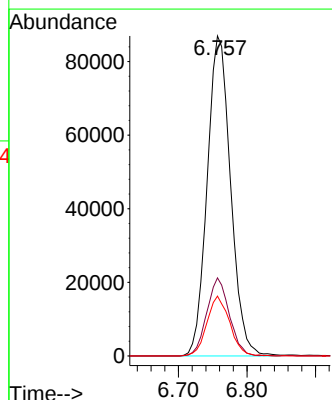
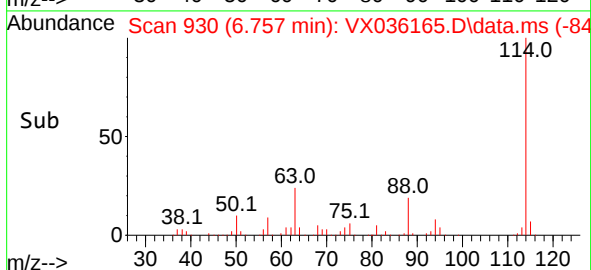
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

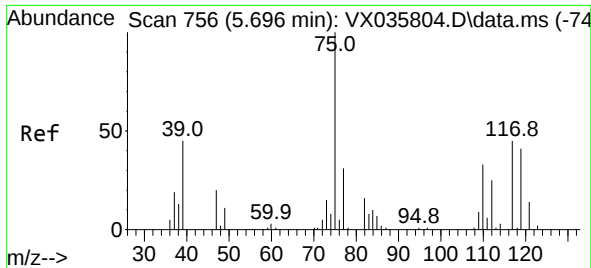


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56



Tgt Ion:114 Resp: 206775
Ion Ratio Lower Upper
114 100
63 23.4 18.0 27.0
88 18.2 13.3 19.9





#29

1,1-Dichloropropene

Concen: 20.707 ug/l

RT: 5.690 min Scan# 756

Delta R.T. -0.006 min

Lab File: VX036165.D

Acq: 15 Jun 2023 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

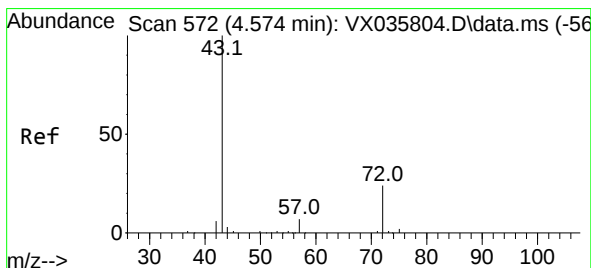
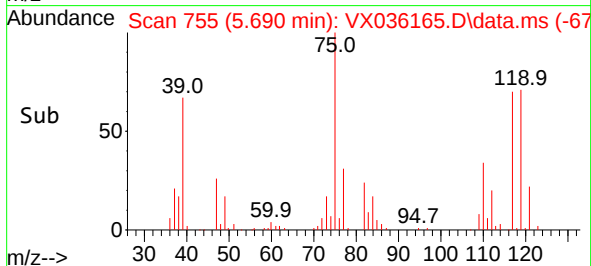
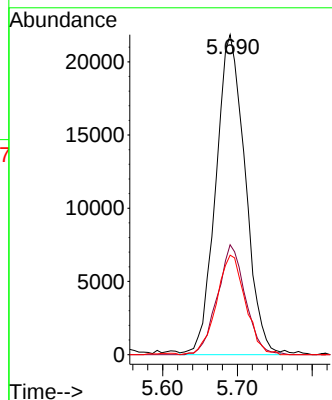
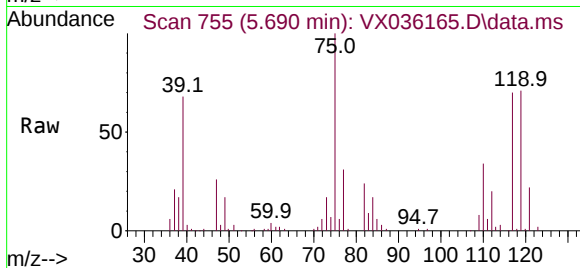
Tgt Ion: 75	Resp: 5962
Ion Ratio	Lower Upper
75 100	
110 32.6	0.0 71.4
77 30.3	0.0 61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#30

2-Butanone

Concen: 104.532 ug/l

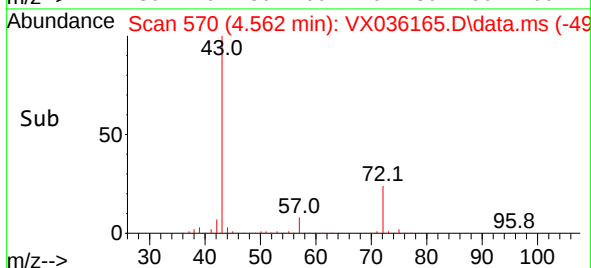
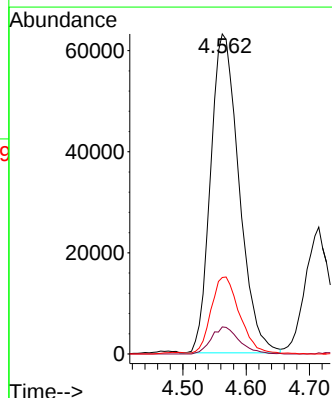
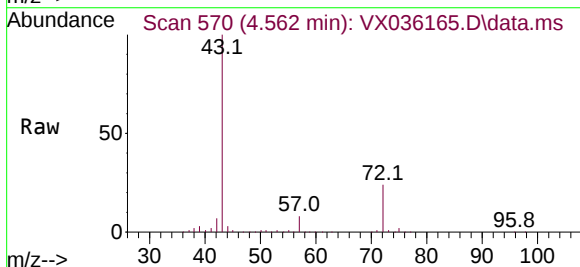
RT: 4.562 min Scan# 570

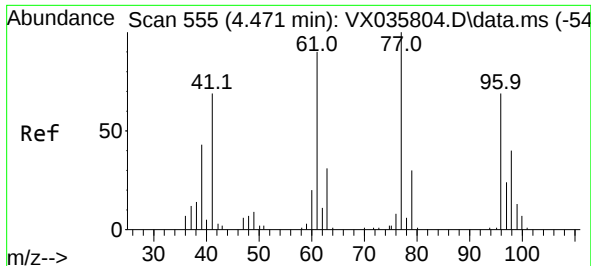
Delta R.T. -0.012 min

Lab File: VX036165.D

Acq: 15 Jun 2023 12:56

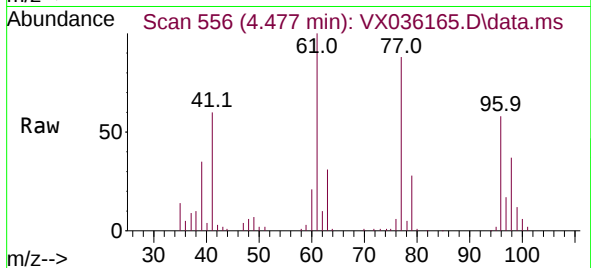
Tgt Ion: 43	Resp: 197032
Ion Ratio	Lower Upper
43 100	
57 8.3	6.3 9.5
72 24.2	19.6 29.4





#31
2,2-Dichloropropane
Concen: 21.970 ug/l
RT: 4.477 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

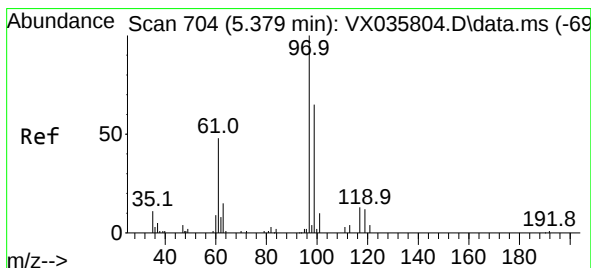
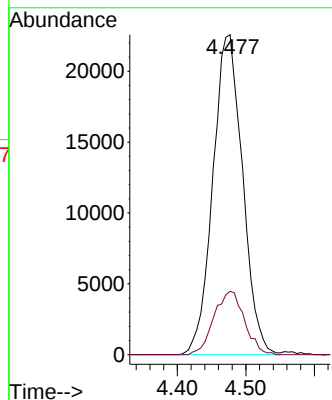
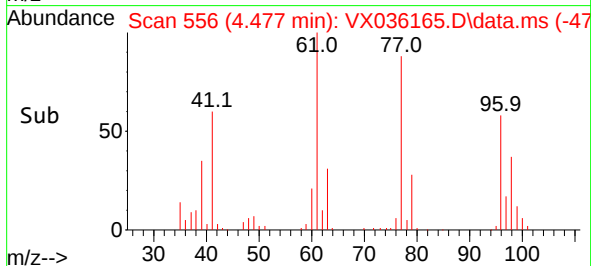
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01



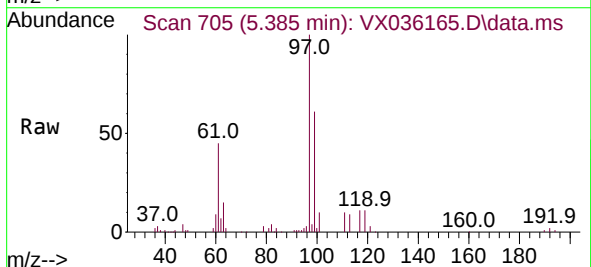
Tgt Ion: 77 Resp: 6796
Ion Ratio Lower Upper
77 100
97 20.4 18.2 27.4

Manual Integrations
APPROVED

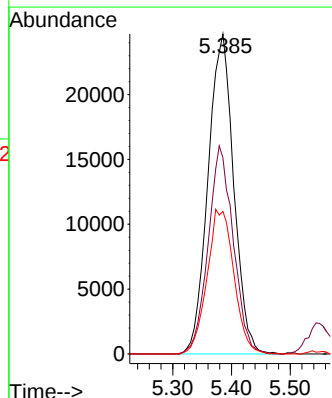
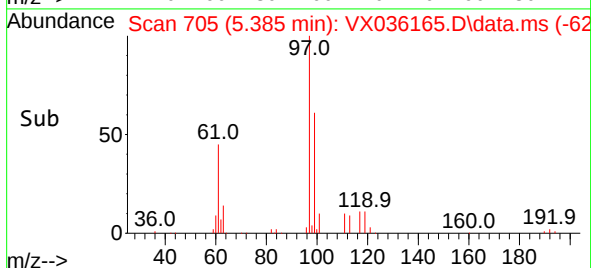
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

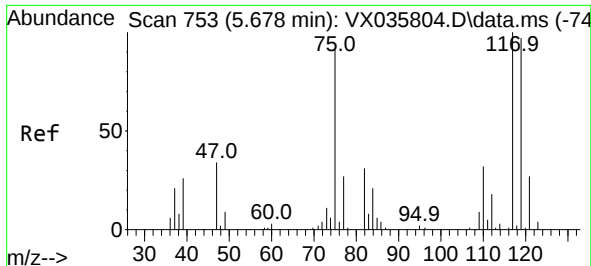


#32
1,1,1-Trichloroethane
Concen: 22.238 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56



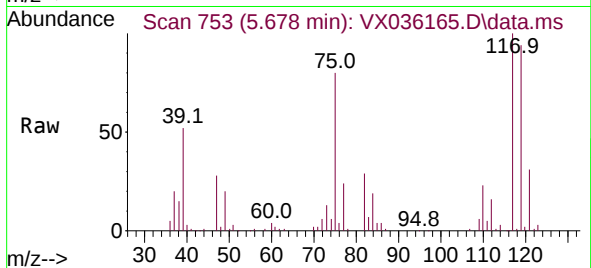
Tgt Ion: 97 Resp: 74775
Ion Ratio Lower Upper
97 100
99 63.6 51.3 76.9
61 47.3 36.6 55.0





#33
Carbon Tetrachloride
Concen: 22.599 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

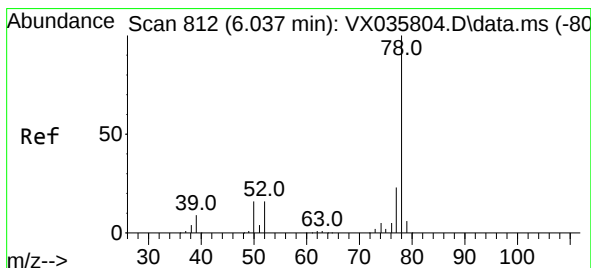
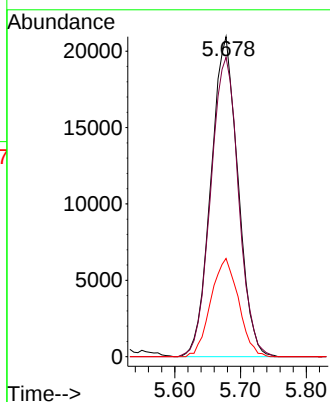
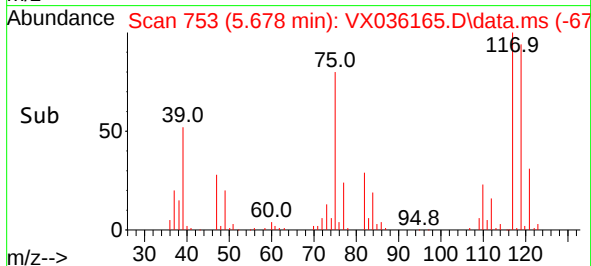
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01



Tgt Ion:117 Resp: 6000
Ion Ratio Lower Upper
117 100
119 93.5 73.3 109.9
121 30.7 24.0 36.0

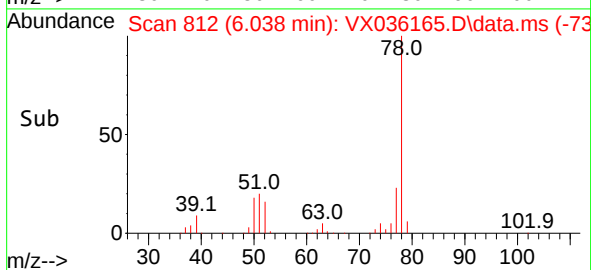
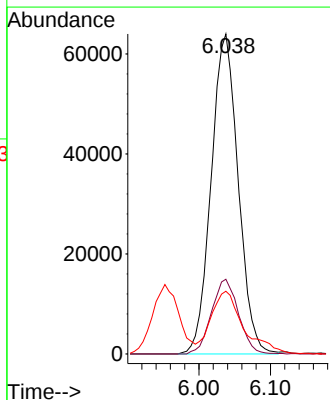
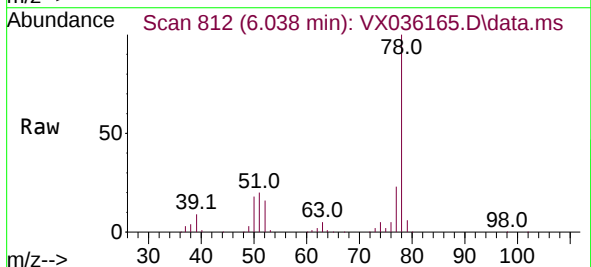
Manual Integrations
APPROVED

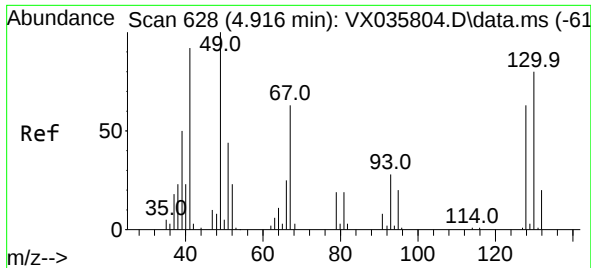
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#34
Benzene
Concen: 18.497 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

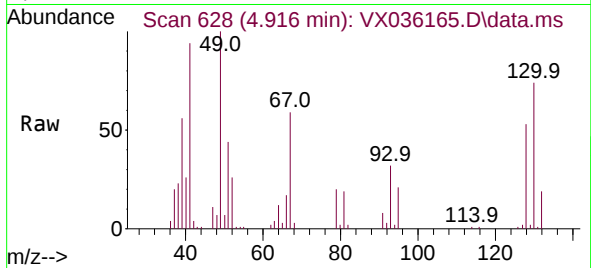
Tgt Ion: 78 Resp: 168020
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4
51 18.0 14.6 21.8





#35
Methacrylonitrile
Concen: 20.742 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

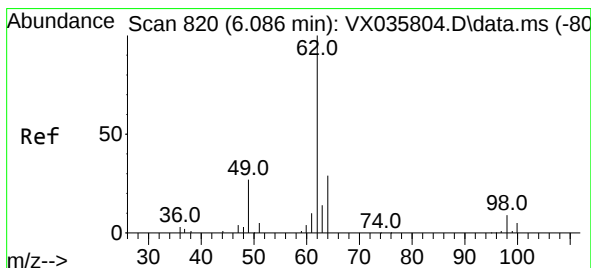
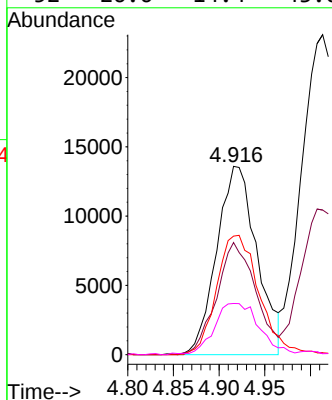
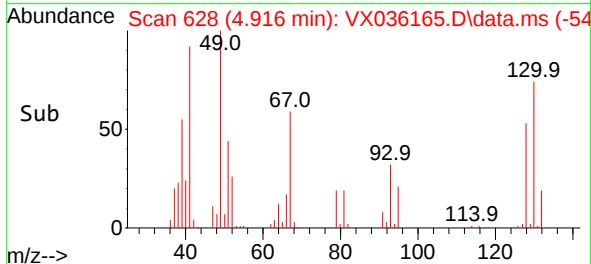
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01



Tgt Ion:	41	Resp:	41720
Ion	Ratio	Lower	Upper
41	100		
39	59.6	28.0	84.0
67	63.0	31.6	94.7
52	26.6	14.4	43.0

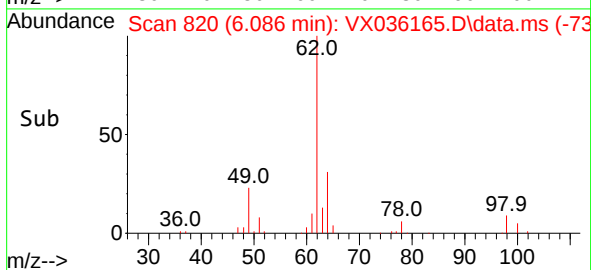
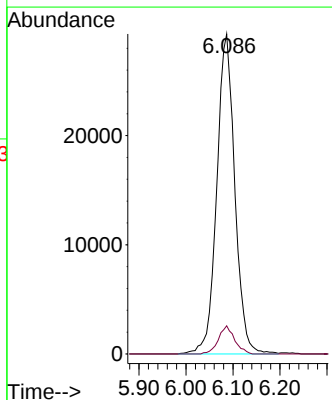
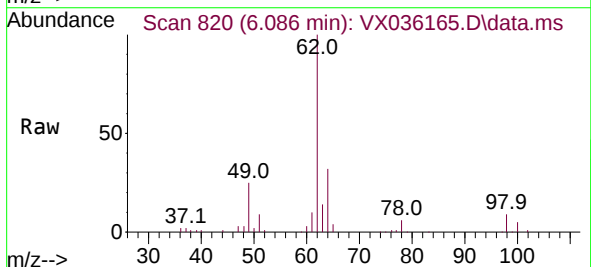
Manual Integrations
APPROVED

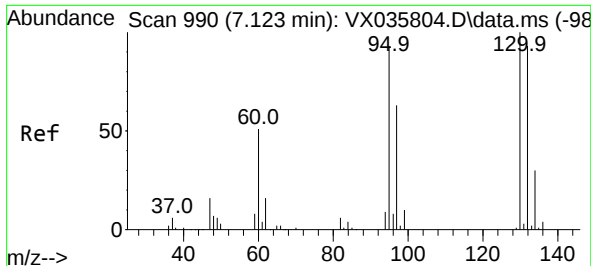
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#36
1,2-Dichloroethane
Concen: 22.164 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

Tgt Ion:	62	Resp:	78353
Ion	Ratio	Lower	Upper
62	100		
98	7.9	7.0	10.6





#37

Trichloroethene

Concen: 18.752 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX036165.D

Acq: 15 Jun 2023 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

Tgt Ion:130 Resp: 4281

Ion Ratio Lower Upper

130 100

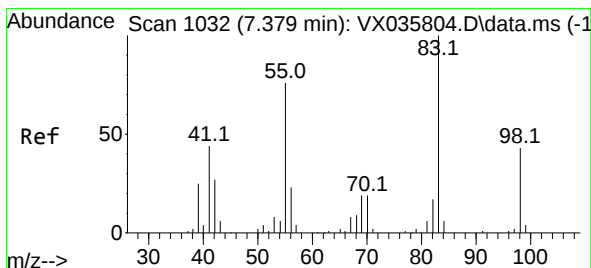
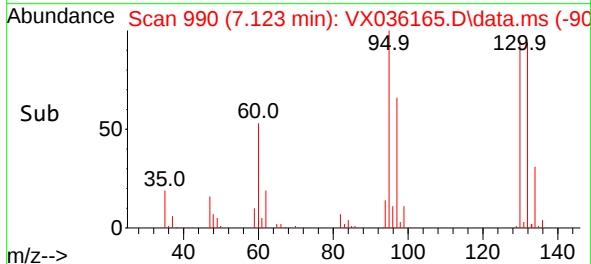
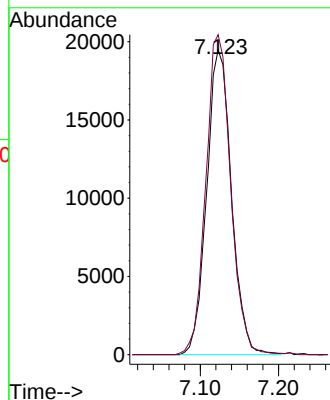
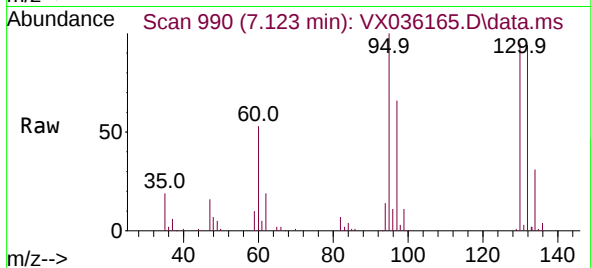
95 104.5 77.8 116.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#38

Methylcyclohexane

Concen: 21.433 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX036165.D

Acq: 15 Jun 2023 12:56

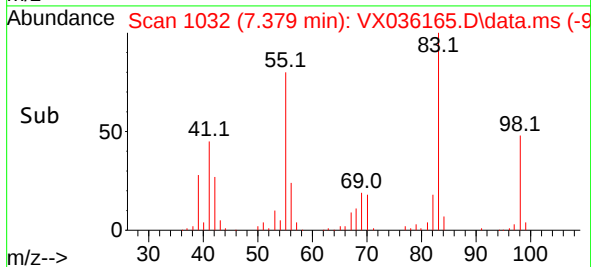
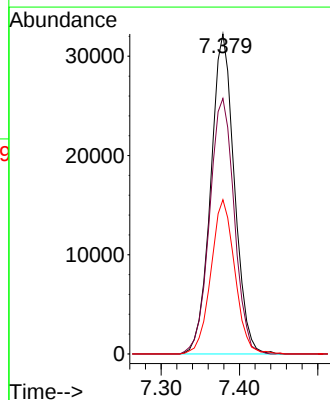
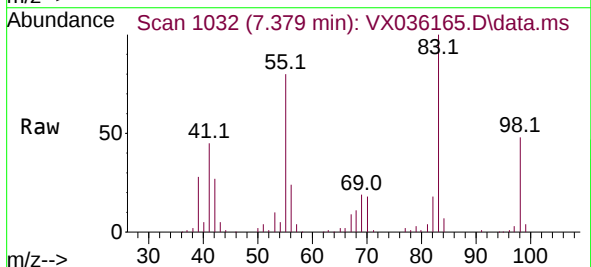
Tgt Ion: 83 Resp: 67681

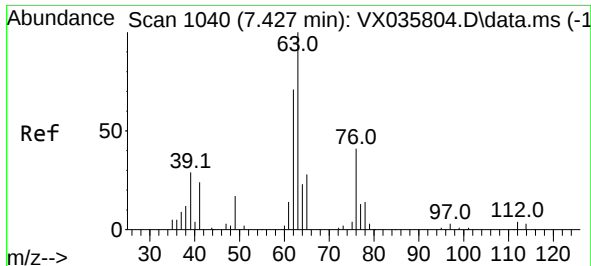
Ion Ratio Lower Upper

83 100

55 83.2 38.8 116.4

98 48.4 23.8 71.2





#39

1,2-Dichloropropane

Concen: 18.594 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX036165.D

Acq: 15 Jun 2023 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

Tgt Ion: 63 Resp: 4546

Ion Ratio Lower Upper

63 100

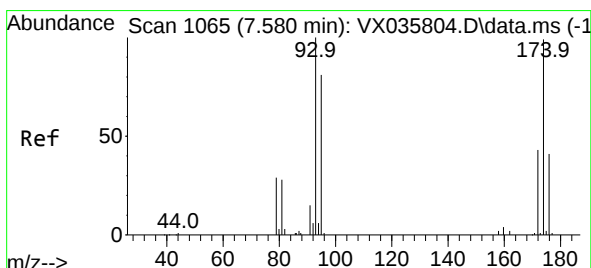
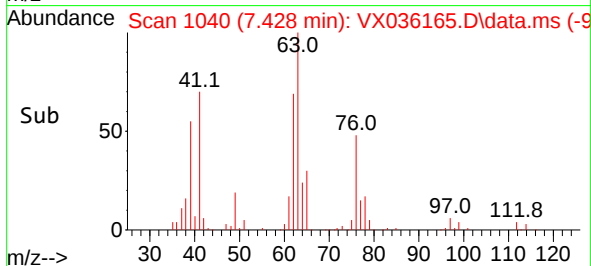
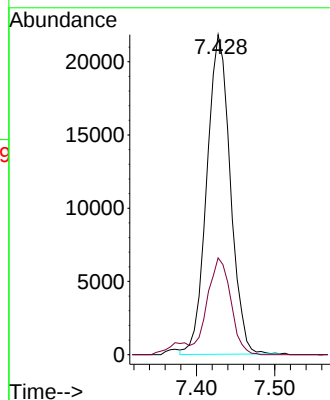
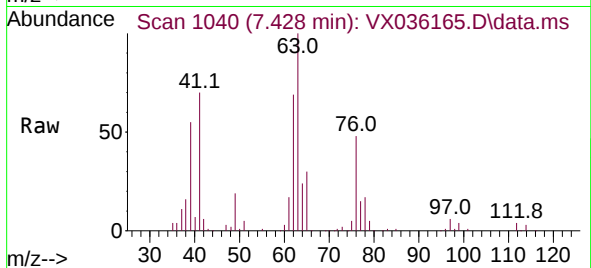
65 30.3 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#40

Dibromomethane

Concen: 20.187 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX036165.D

Acq: 15 Jun 2023 12:56

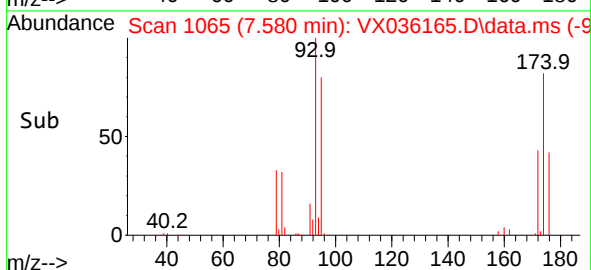
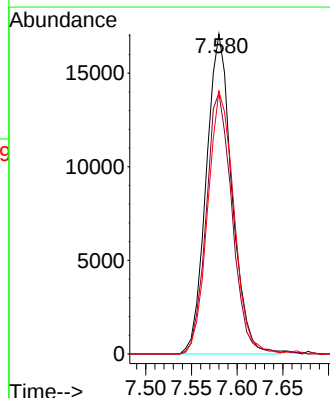
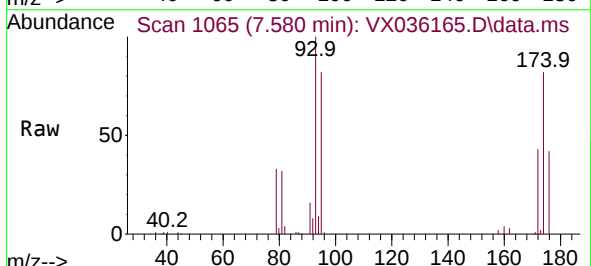
Tgt Ion: 93 Resp: 33383

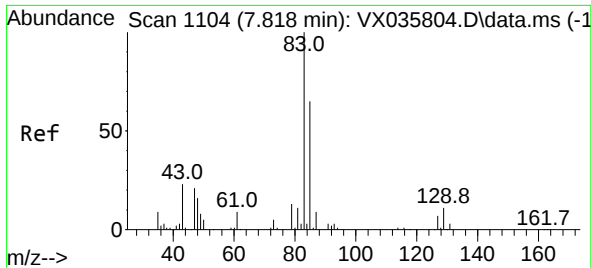
Ion Ratio Lower Upper

93 100

95 82.2 0.0 165.8

174 84.1 0.0 188.8





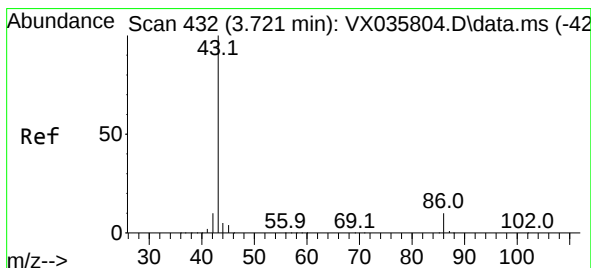
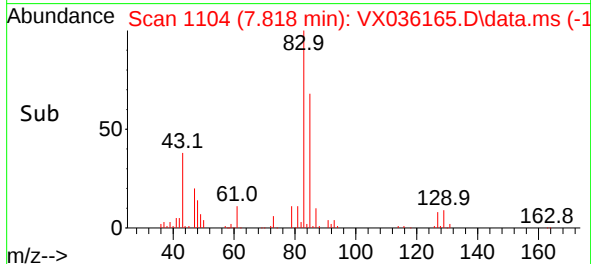
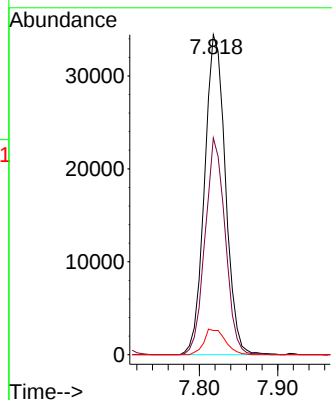
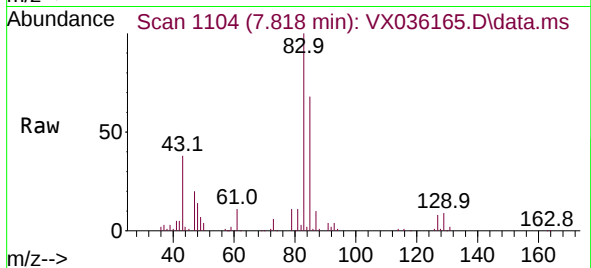
#41
Bromodichloromethane
Concen: 21.332 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

Tgt Ion: 83 Resp: 6377
Ion Ratio Lower Upper
83 100
85 67.8 51.1 76.7
127 7.6 8.2 12.4

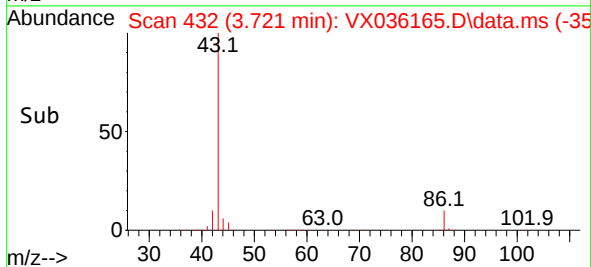
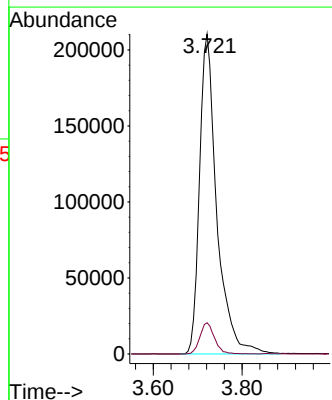
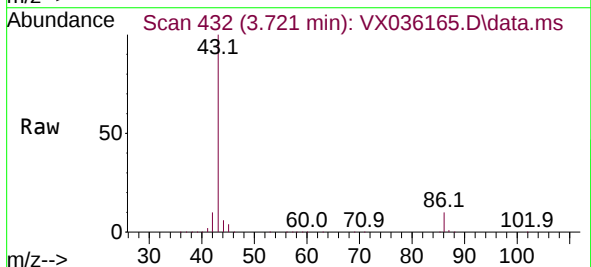
Manual Integrations
APPROVED

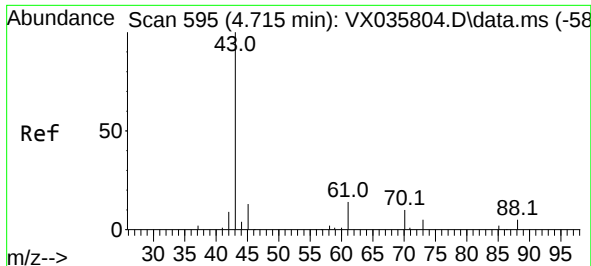
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#42
Vinyl Acetate
Concen: 102.740 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

Tgt Ion: 43 Resp: 568835
Ion Ratio Lower Upper
43 100
86 8.2 6.9 10.3





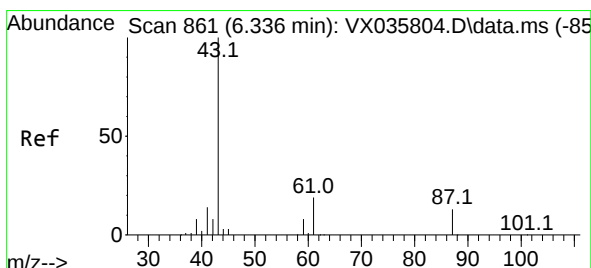
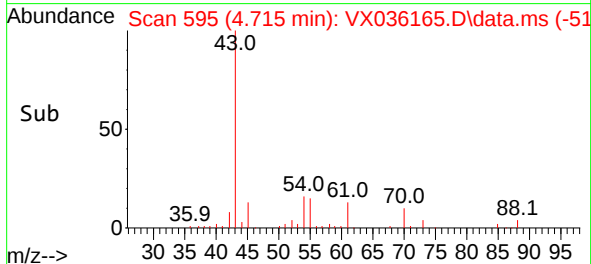
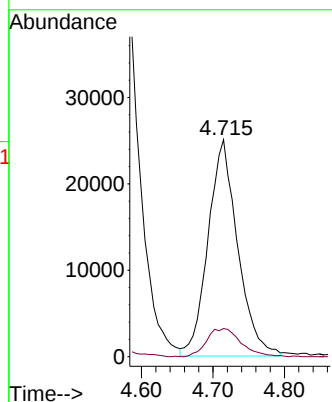
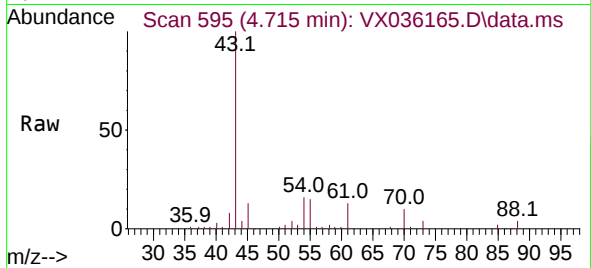
#43
Ethyl Acetate
Concen: 20.083 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

Tgt Ion: 43 Resp: 7219
Ion Ratio Lower Upper
43 100
45 15.1 12.0 18.0

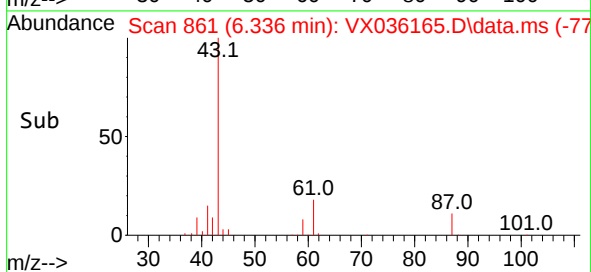
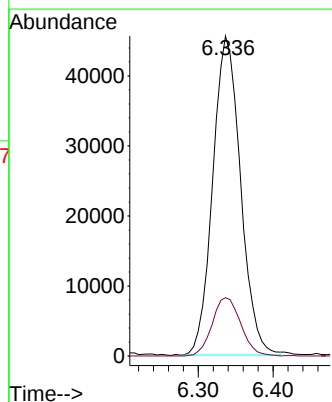
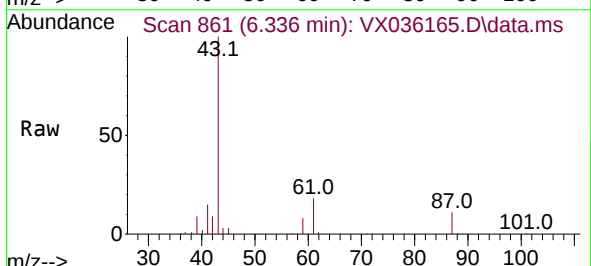
Manual Integrations
APPROVED

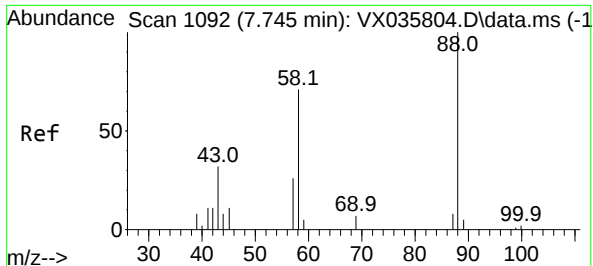
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#44
Isopropyl Acetate
Concen: 20.061 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

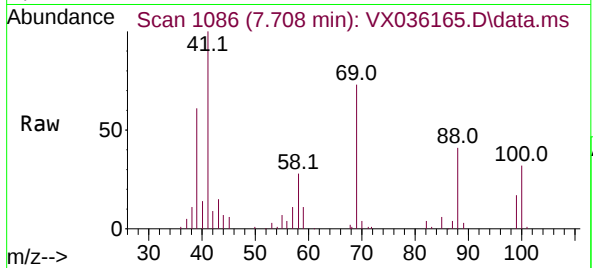
Tgt Ion: 43 Resp: 117548
Ion Ratio Lower Upper
43 100
61 18.8 15.4 23.0





#45
1,4-Dioxane
Concen: 366.980 ug/l m
RT: 7.708 min Scan# 1086
Delta R.T. -0.037 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

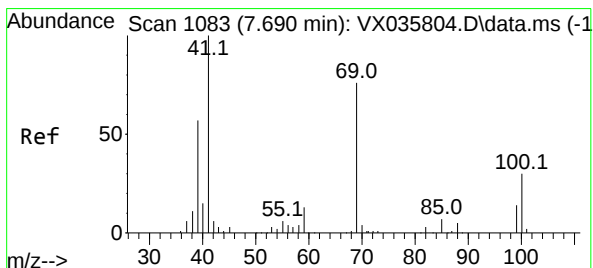
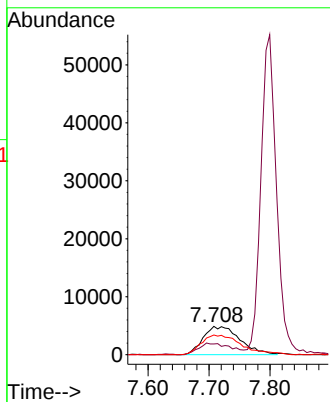
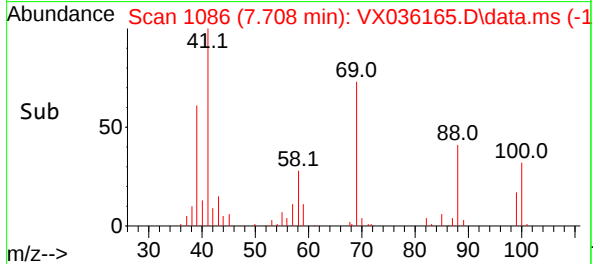
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01



Tgt Ion: 88 Resp: 20424
Ion Ratio Lower Upper
88 100
43 14.4 26.5 39.7
58 76.0 55.6 83.4

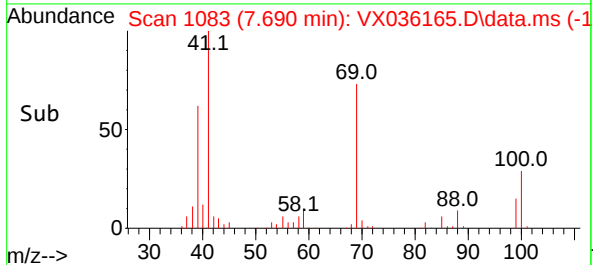
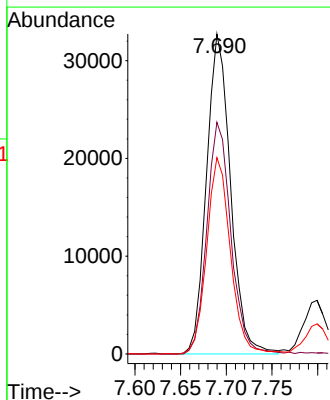
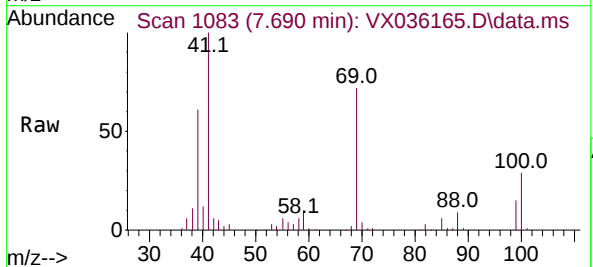
Manual Integrations
APPROVED

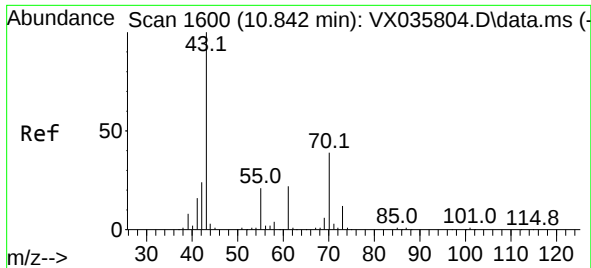
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#46
Methyl methacrylate
Concen: 21.133 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

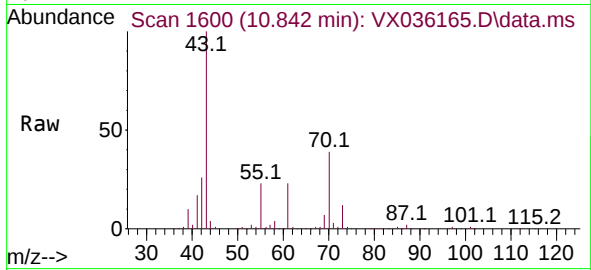
Tgt Ion: 41 Resp: 59831
Ion Ratio Lower Upper
41 100
69 72.4 38.1 114.5
39 61.4 31.4 94.3





#47
n-amyl acetate
Concen: 20.128 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

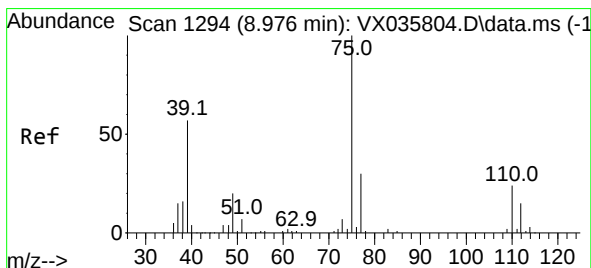
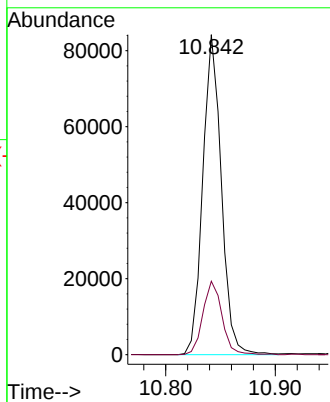
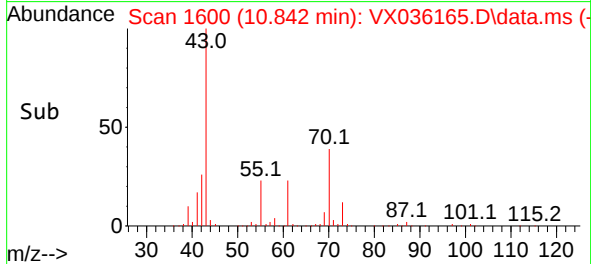
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01



Tgt Ion: 43 Resp: 99068
Ion Ratio Lower Upper
43 100
55 23.6 18.6 28.0

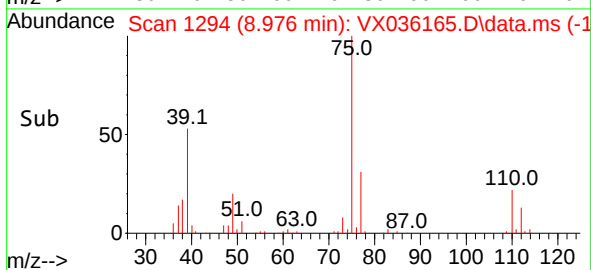
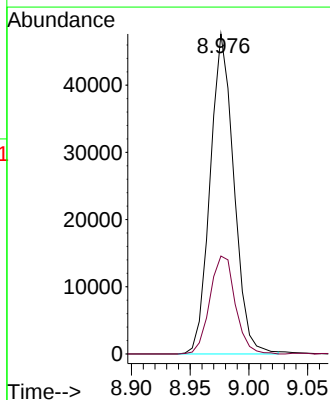
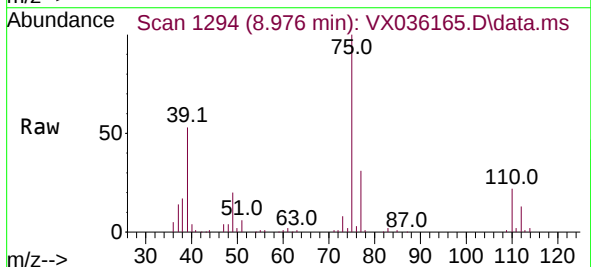
Manual Integrations
APPROVED

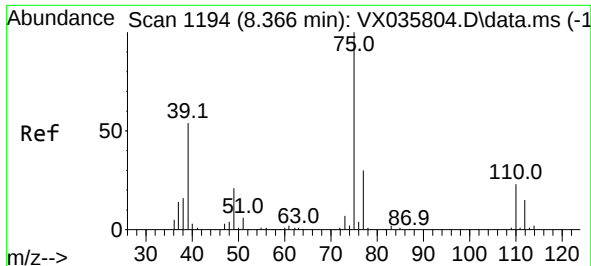
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#48
t-1,3-Dichloropropene
Concen: 20.288 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

Tgt Ion: 75 Resp: 67097
Ion Ratio Lower Upper
75 100
77 30.6 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 19.970 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036165.D

Acq: 15 Jun 2023 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

Tgt Ion: 75 Resp: 7288

Ion Ratio Lower Upper

75 100

77 31.0 24.6 37.0

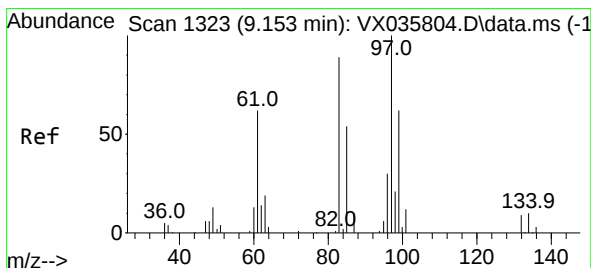
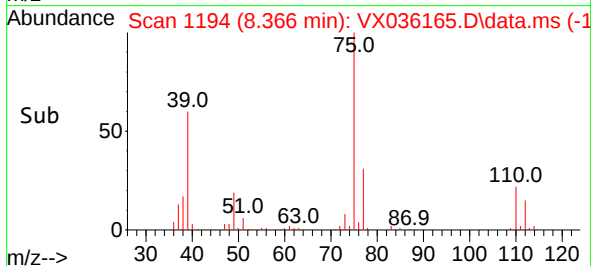
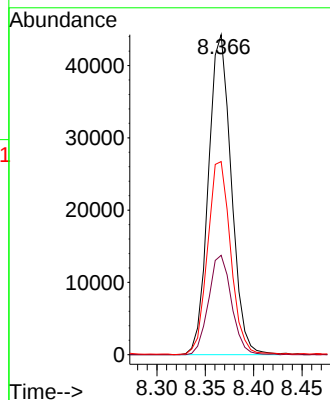
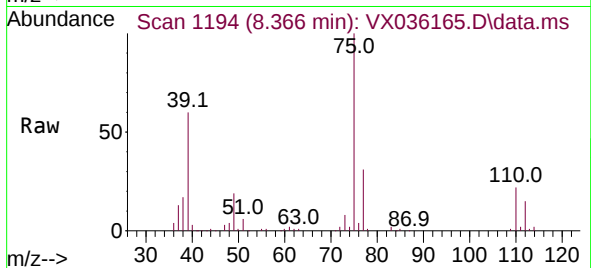
39 60.2 44.2 66.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#50

1,1,2-Trichloroethane

Concen: 19.844 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX036165.D

Acq: 15 Jun 2023 12:56

Tgt Ion: 97 Resp: 46948

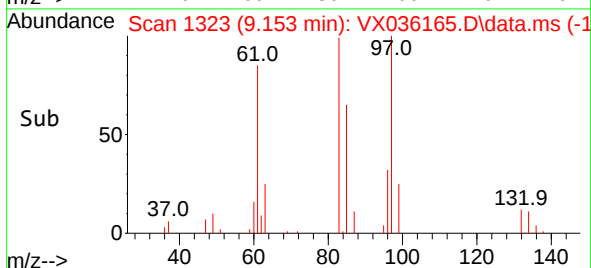
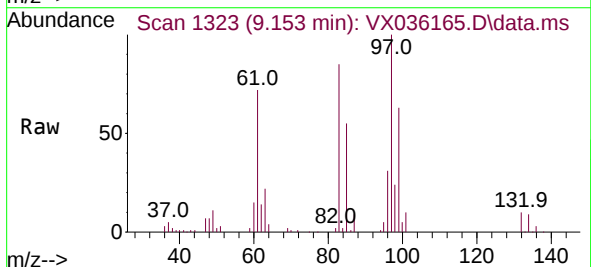
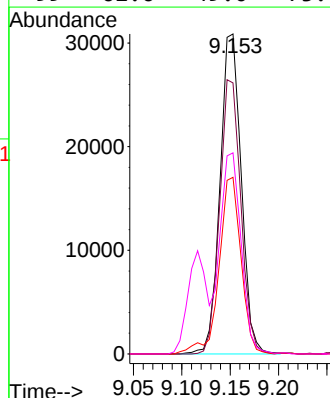
Ion Ratio Lower Upper

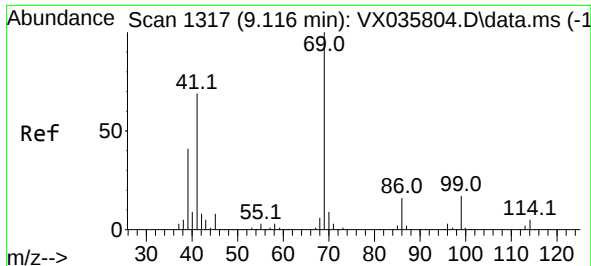
97 100

83 84.7 68.9 103.3

85 54.9 44.0 66.0

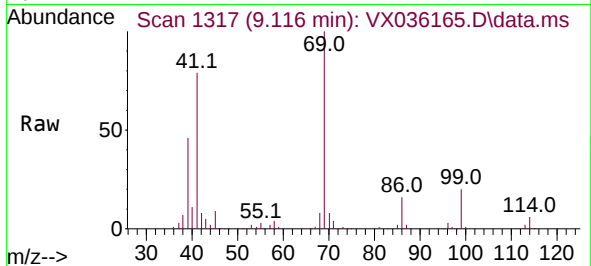
99 62.6 49.0 73.4





#51
Ethyl methacrylate
Concen: 19.707 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

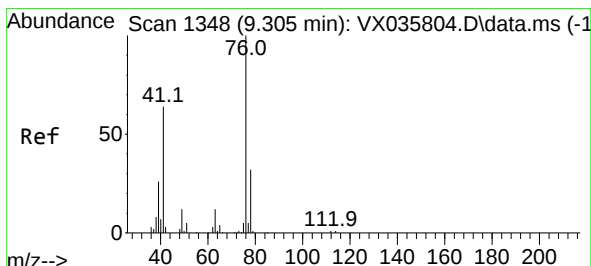
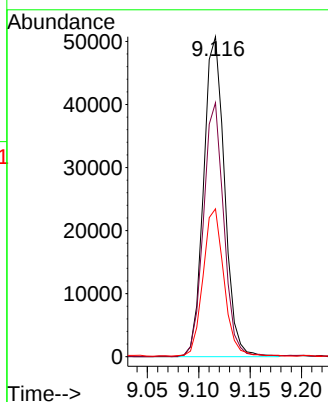
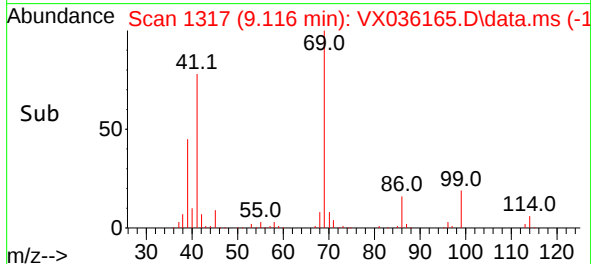
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01



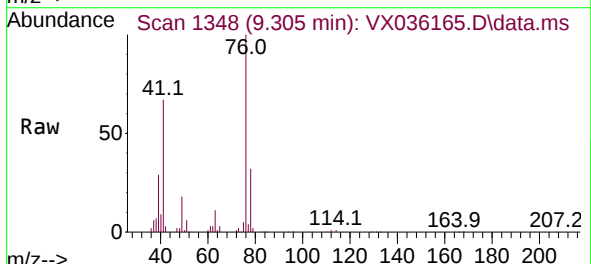
Tgt Ion: 69 Resp: 71872
Ion Ratio Lower Upper
69 100
41 79.2 36.2 108.6
39 45.9 21.2 63.6

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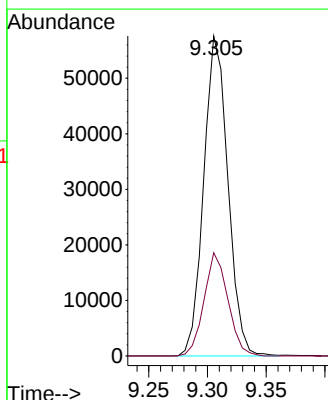
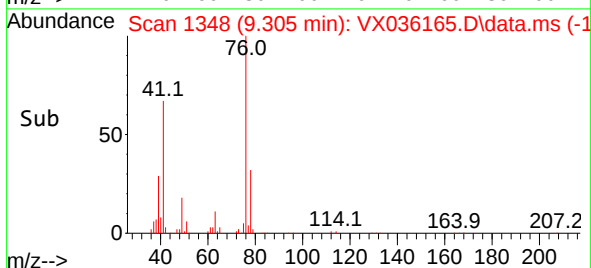
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

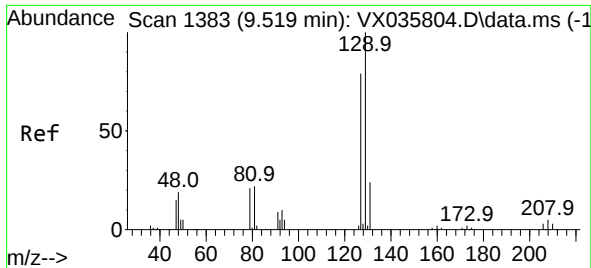


#52
1,3-Dichloropropane
Concen: 19.992 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56



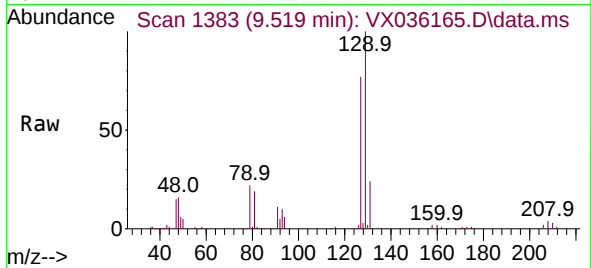
Tgt Ion: 76 Resp: 82425
Ion Ratio Lower Upper
76 100
78 31.9 0.0 63.8





#53
Dibromochloromethane
Concen: 21.307 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

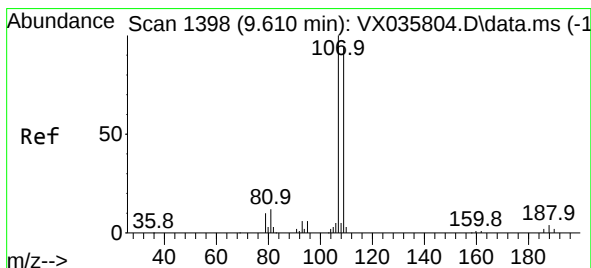
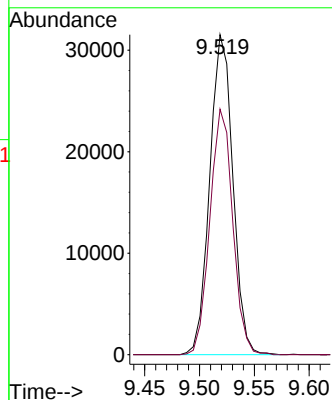
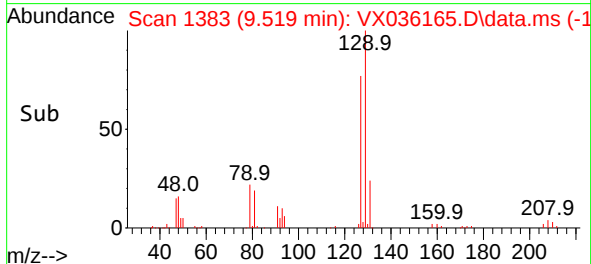
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01



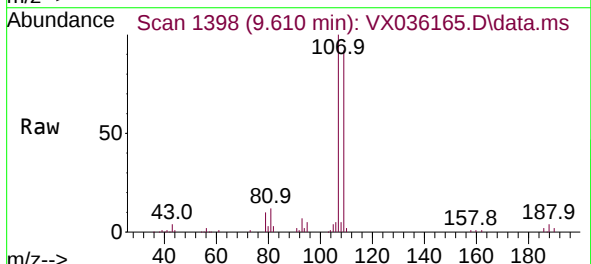
Tgt Ion:129 Resp: 46230
Ion Ratio Lower Upper
129 100
127 75.7 39.1 117.5

Manual Integrations
APPROVED

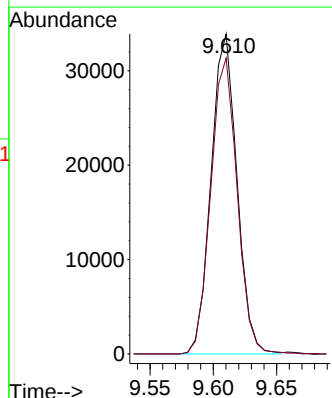
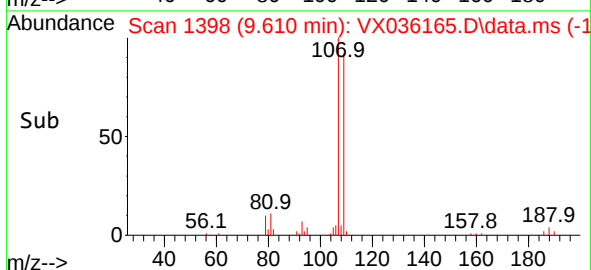
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

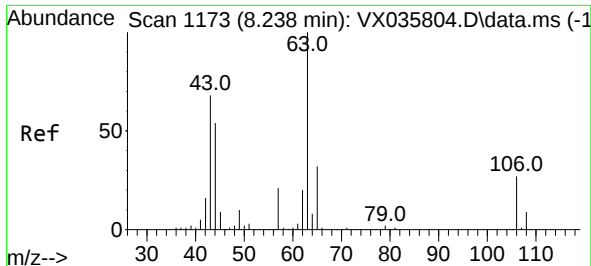


#54
1,2-Dibromoethane
Concen: 19.615 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56



Tgt Ion:107 Resp: 48212
Ion Ratio Lower Upper
107 100
109 94.2 75.4 113.2





#55

2-Chloroethyl vinyl ether

Concen: 108.983 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX036165.D

Acq: 15 Jun 2023 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

Tgt Ion: 63 Resp: 21092

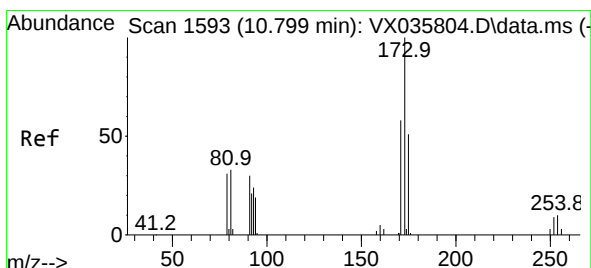
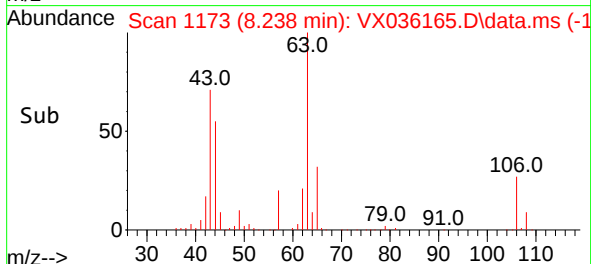
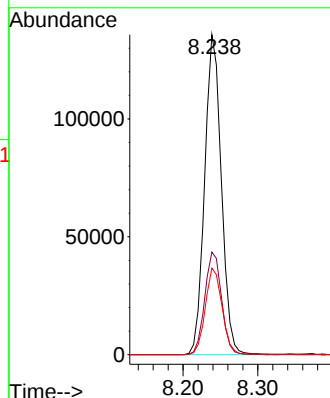
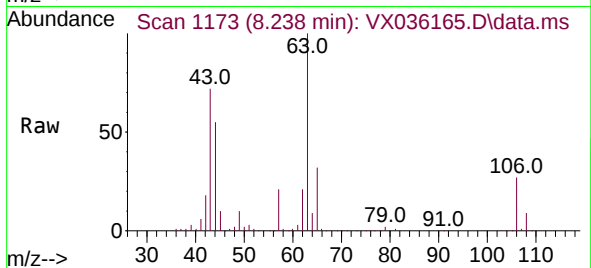
Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.4	38.2
106	27.2	21.6	32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#56

Bromoform

Concen: 20.535 ug/l

RT: 10.799 min Scan# 1593

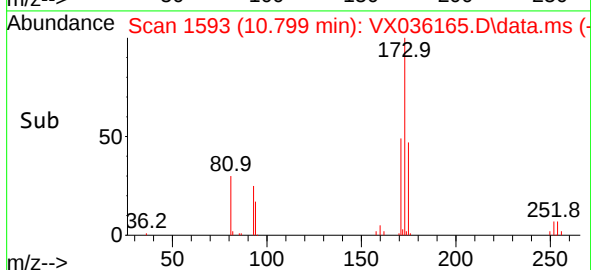
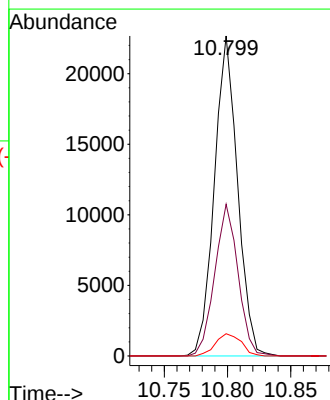
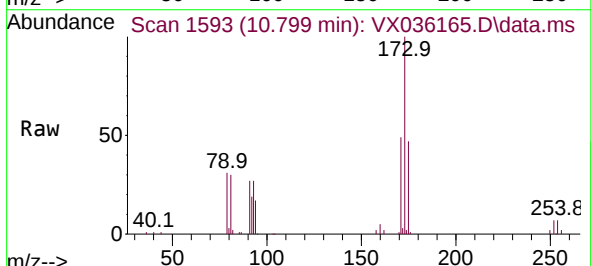
Delta R.T. 0.000 min

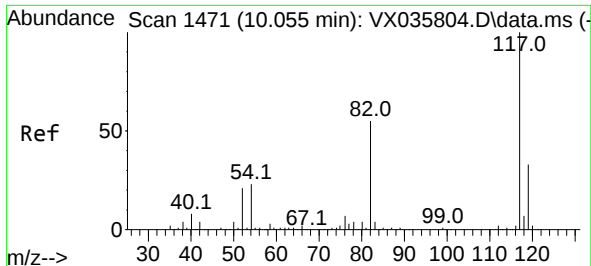
Lab File: VX036165.D

Acq: 15 Jun 2023 12:56

Tgt Ion:173 Resp: 28883

Ion	Ratio	Lower	Upper
173	100		
175	47.6	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: VX036165.D

Acq: 15 Jun 2023 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

Tgt Ion: 117 Resp: 19785

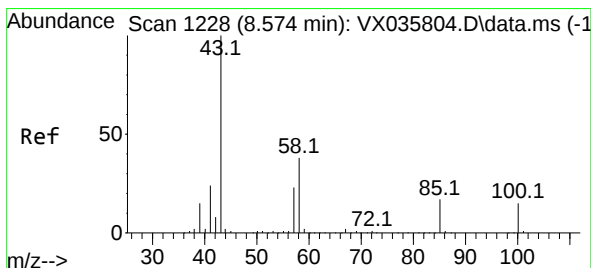
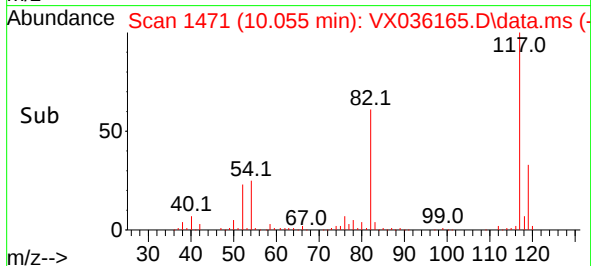
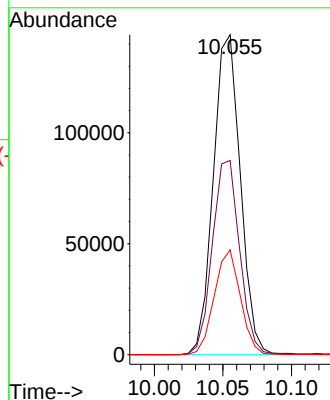
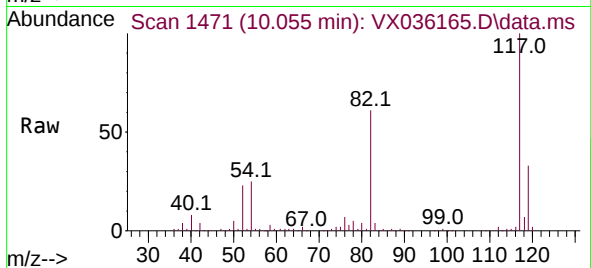
Ion	Ratio	Lower	Upper
117	100		
82	61.4	45.8	68.8
119	31.6	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#58

4-Methyl-2-Pentanone

Concen: 99.661 ug/l

RT: 8.574 min Scan# 1228

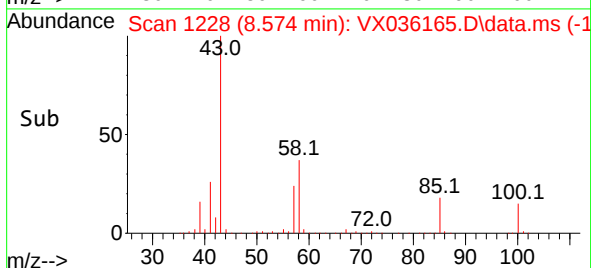
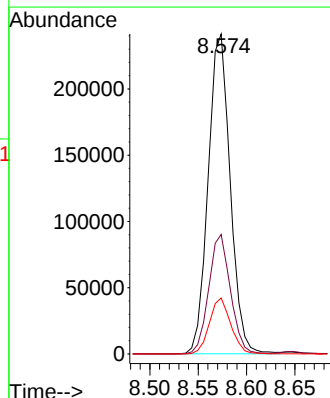
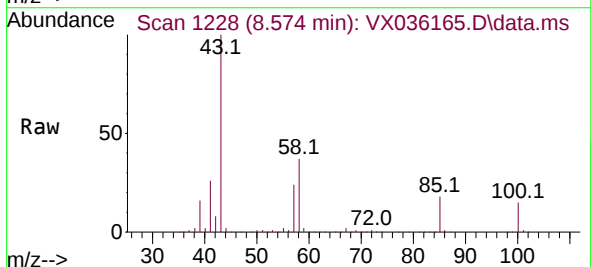
Delta R.T. 0.000 min

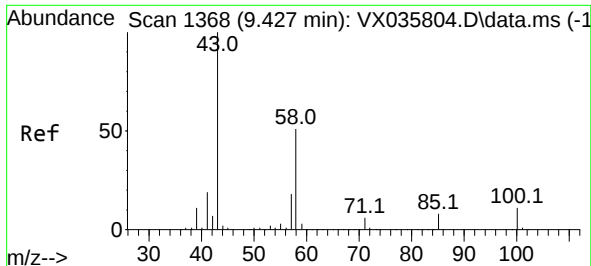
Lab File: VX036165.D

Acq: 15 Jun 2023 12:56

Tgt Ion: 43 Resp: 383008

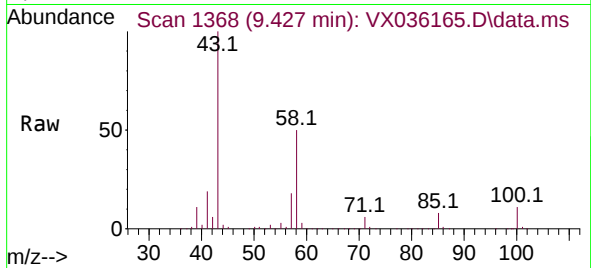
Ion	Ratio	Lower	Upper
43	100		
58	36.9	29.9	44.9
85	16.9	13.2	19.8





#59
2-Hexanone
Concen: 101.720 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

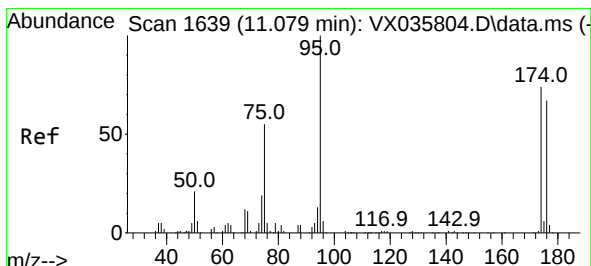
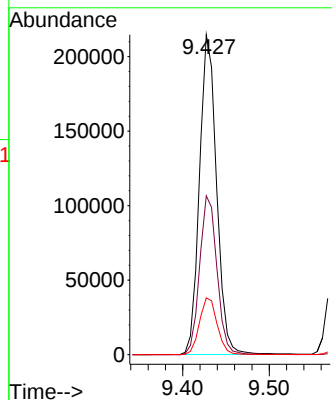
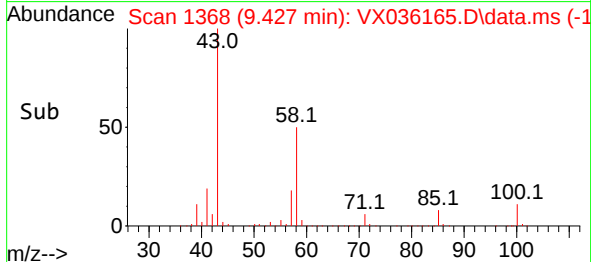
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01



Tgt Ion: 43 Resp: 294148
Ion Ratio Lower Upper
43 100
58 50.3 41.7 62.5
57 18.4 14.7 22.1

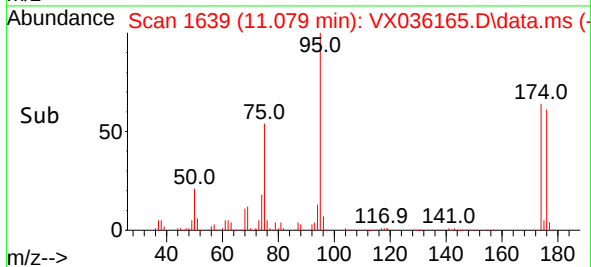
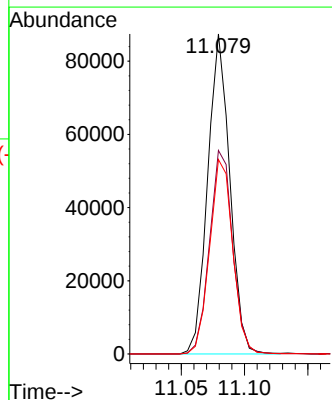
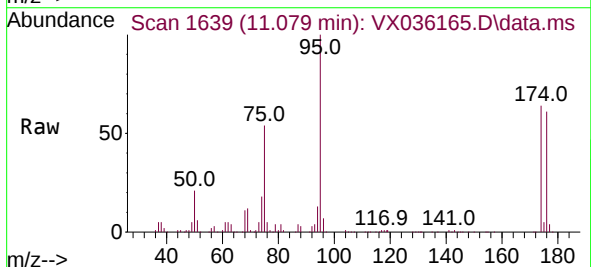
Manual Integrations
APPROVED

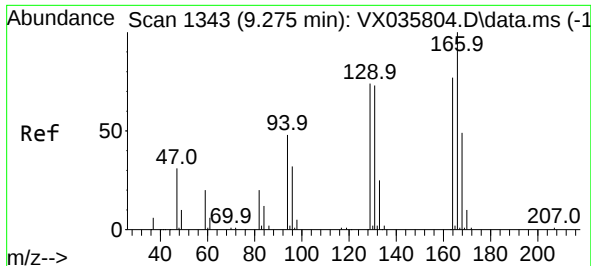
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#60
4-Bromofluorobenzene
Concen: 32.059 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

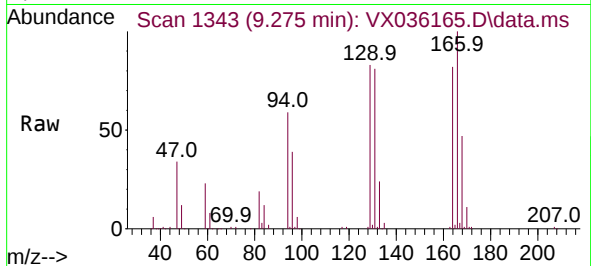
Tgt Ion: 95 Resp: 106436
Ion Ratio Lower Upper
95 100
174 66.4 0.2 0.4#
176 63.6 0.2 0.2#





#61
Tetrachloroethene
Concen: 18.757 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

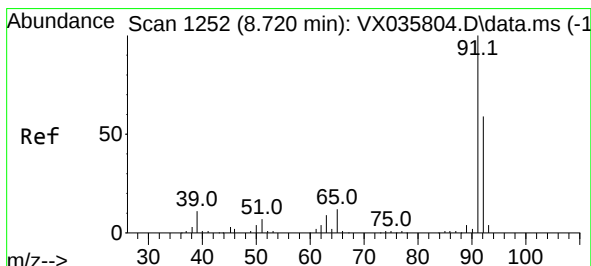
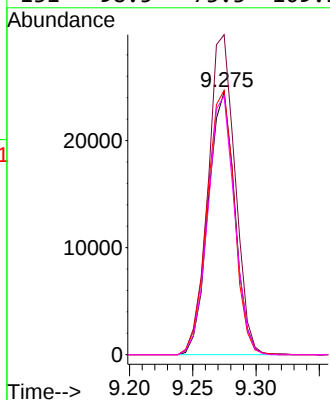
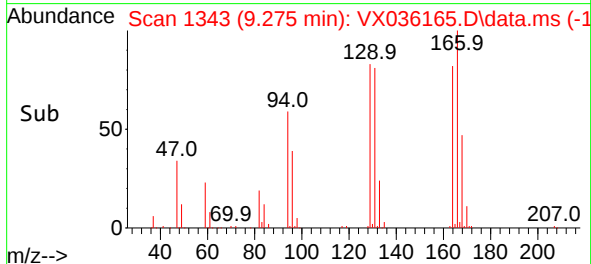
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01



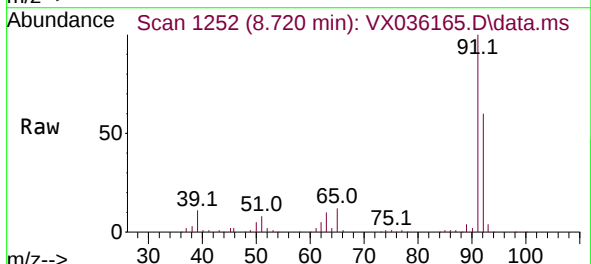
Tgt Ion:164 Resp: 3574
Ion Ratio Lower Upper
164 100
166 121.8 100.1 150.1
129 100.6 79.1 118.7
131 98.5 73.3 109.9

Manual Integrations
APPROVED

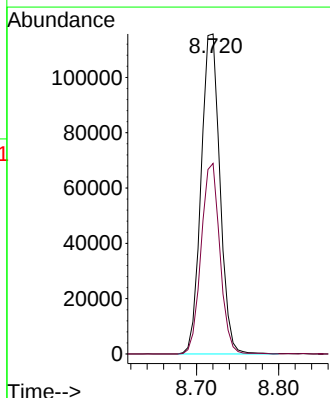
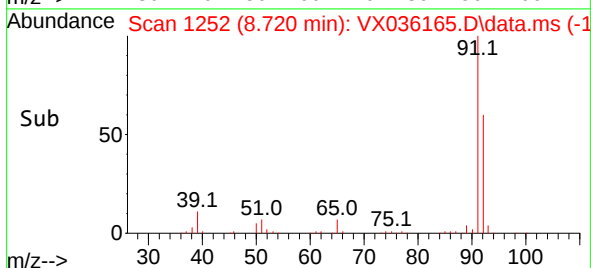
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

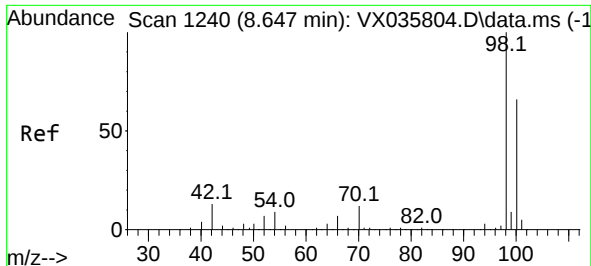


#62
Toluene
Concen: 18.082 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56



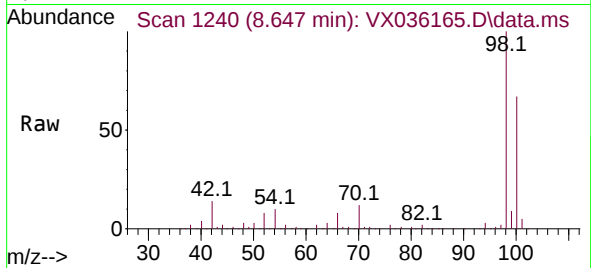
Tgt Ion: 91 Resp: 184240
Ion Ratio Lower Upper
91 100
92 59.1 46.5 69.7





#63
Toluene-d8
Concen: 28.475 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

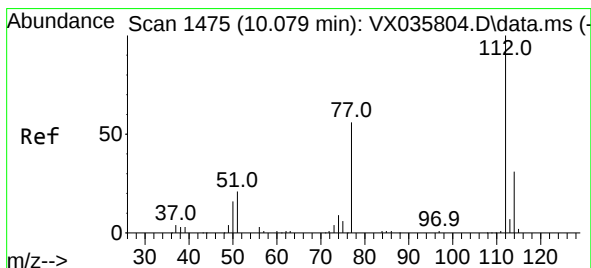
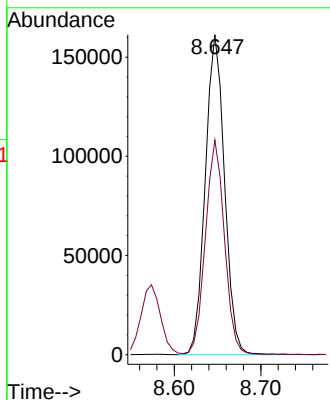
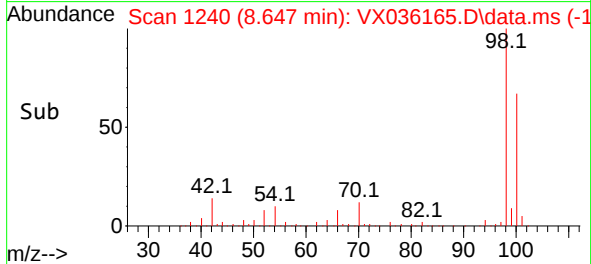
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01



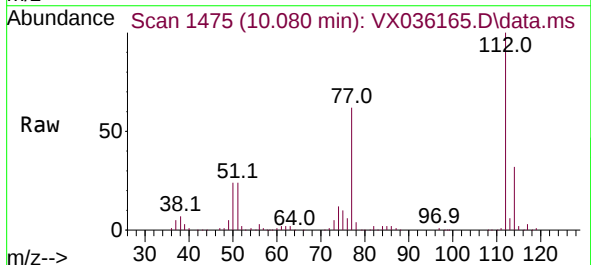
Tgt Ion: 98 Resp: 249070
Ion Ratio Lower Upper
98 100
100 66.3 52.1 78.1

Manual Integrations
APPROVED

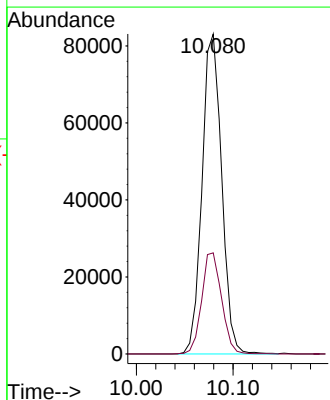
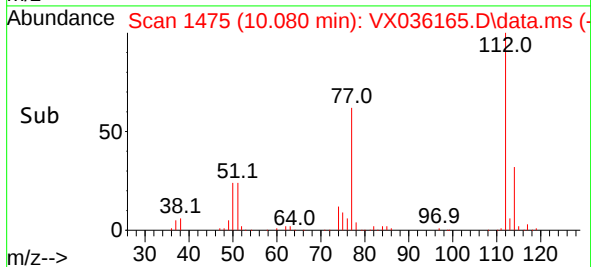
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

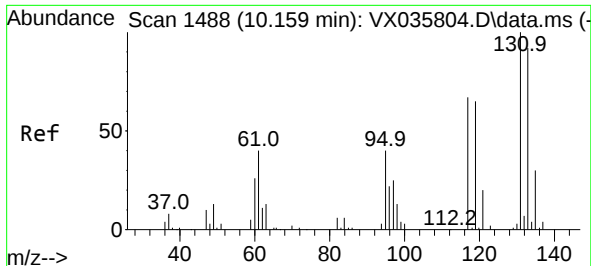


#64
Chlorobenzene
Concen: 18.185 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56



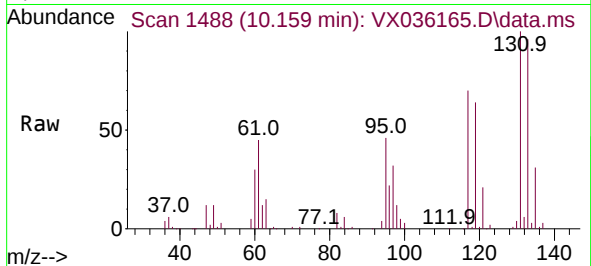
Tgt Ion:112 Resp: 117350
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.8





#65
1,1,1,2-Tetrachloroethane
Concen: 18.595 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

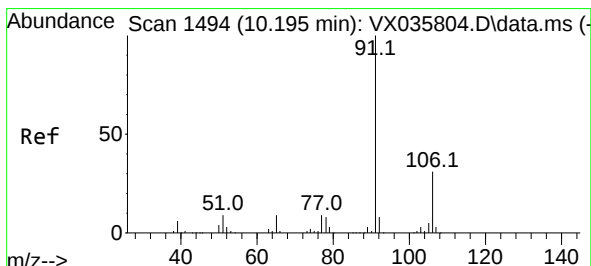
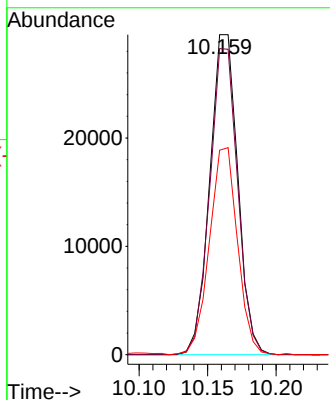
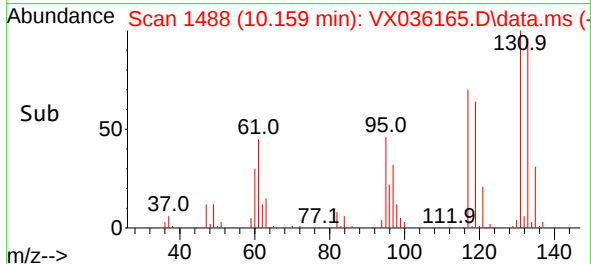
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01



Tgt Ion:131 Resp: 4195
Ion Ratio Lower Upper
131 100
133 95.6 0.0 186.6
119 64.9 0.0 128.6

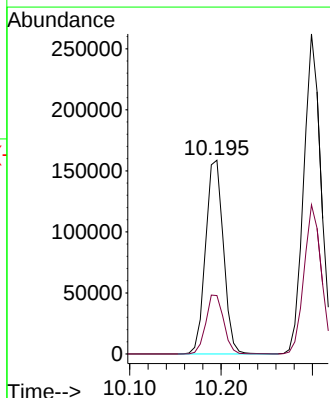
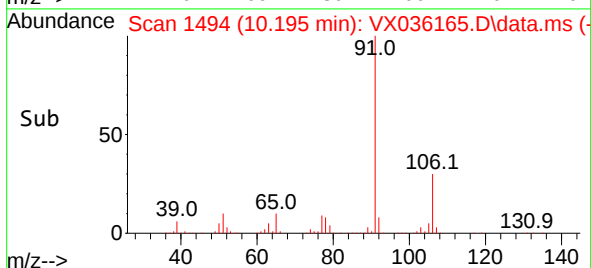
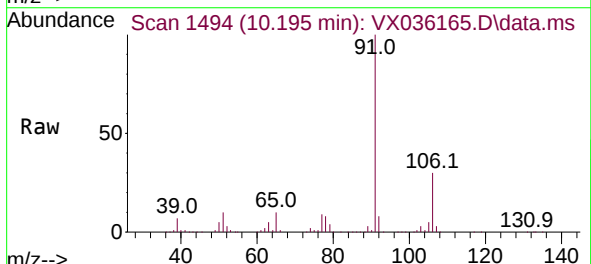
Manual Integrations
APPROVED

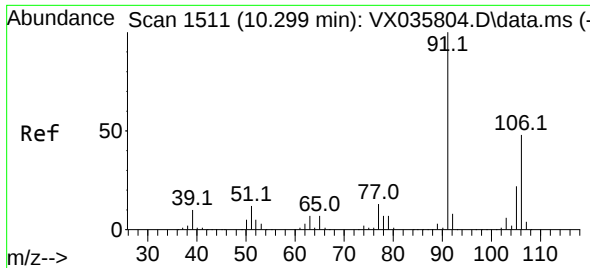
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#66
Ethyl Benzene
Concen: 18.882 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

Tgt Ion: 91 Resp: 215165
Ion Ratio Lower Upper
91 100
106 30.1 24.4 36.6





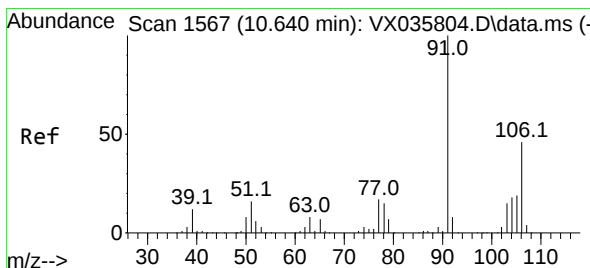
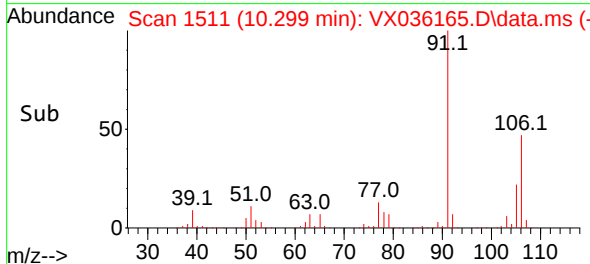
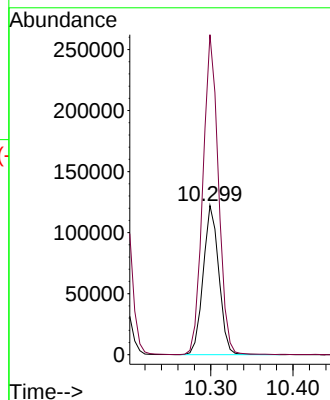
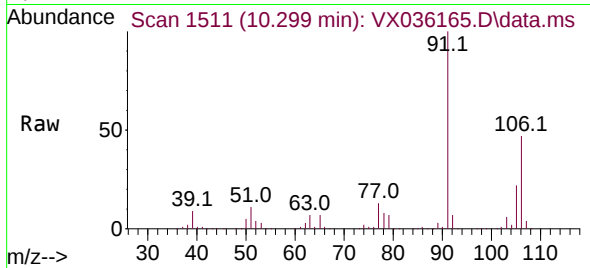
#67
m/p-Xylenes
Concen: 37.476 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

Tgt Ion:106 Resp: 16164
Ion Ratio Lower Upper
106 100
91 213.3 167.4 251.2

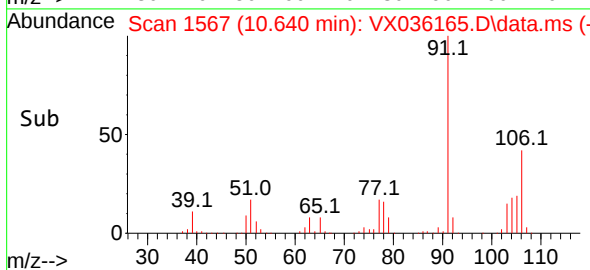
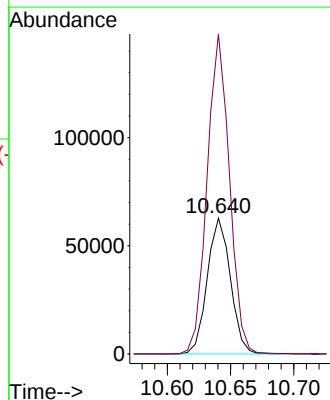
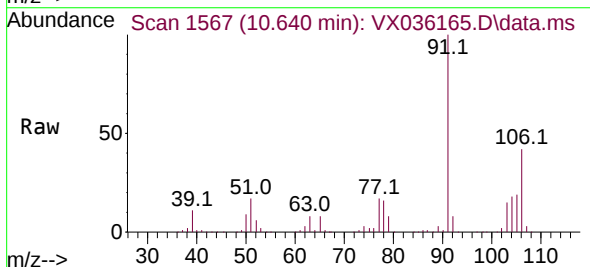
Manual Integrations
APPROVED

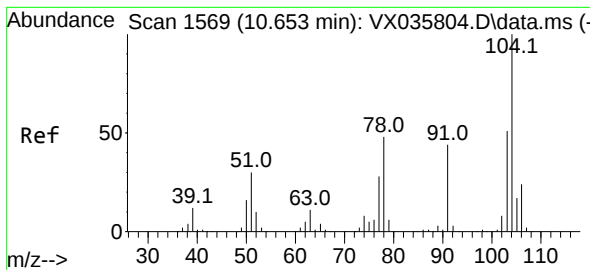
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#68
o-Xylene
Concen: 18.525 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

Tgt Ion:106 Resp: 79926
Ion Ratio Lower Upper
106 100
91 227.7 108.9 326.8





#69

Styrene

Concen: 18.649 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX036165.D

Acq: 15 Jun 2023 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

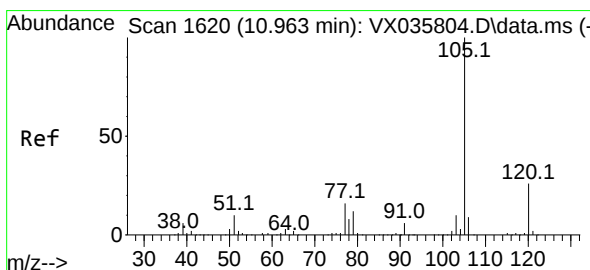
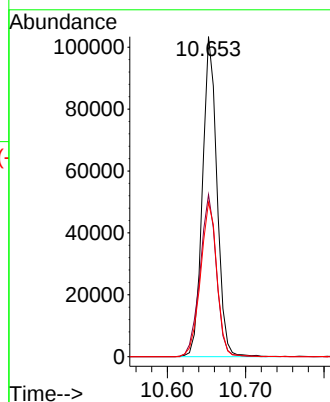
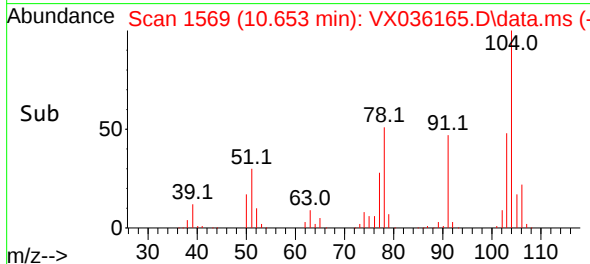
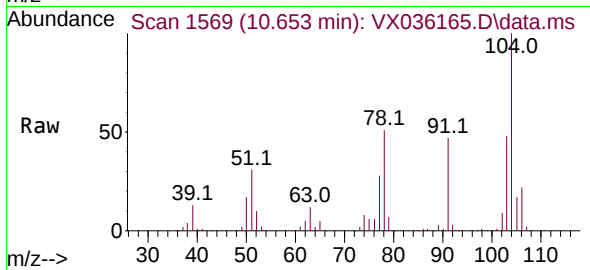
Tgt Ion:104 Resp: 132793
 Ion Ratio Lower Upper
 104 100
 78 57.0 42.8 64.2
 103 54.5 43.8 65.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#70

Isopropylbenzene

Concen: 19.502 ug/l

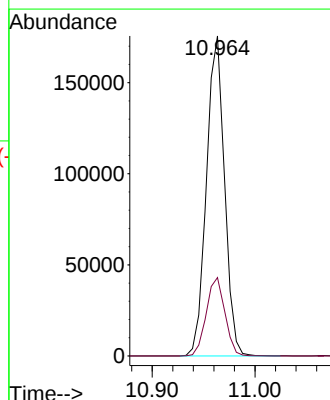
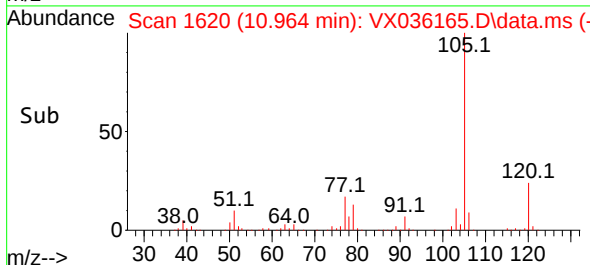
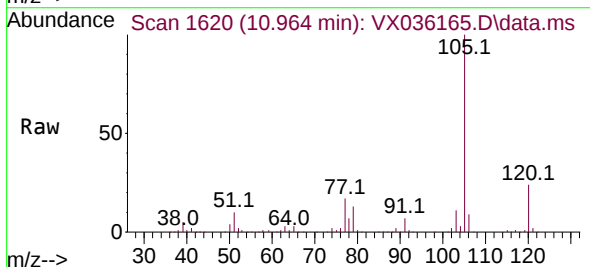
RT: 10.964 min Scan# 1620

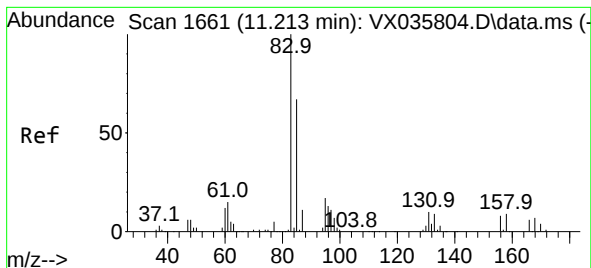
Delta R.T. 0.000 min

Lab File: VX036165.D

Acq: 15 Jun 2023 12:56

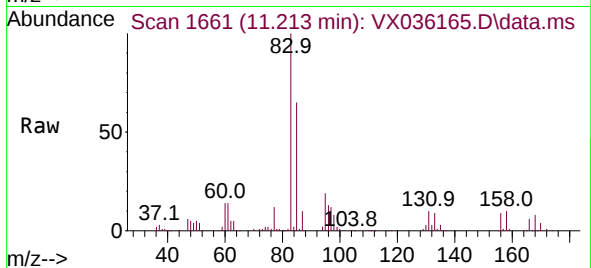
Tgt Ion:105 Resp: 214764
 Ion Ratio Lower Upper
 105 100
 120 25.2 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 19.596 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

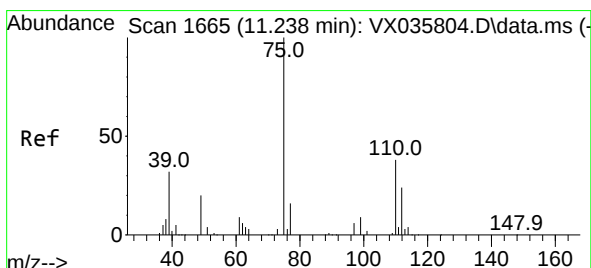
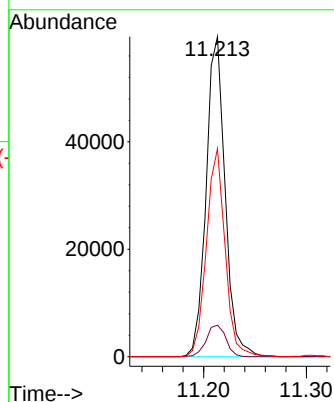
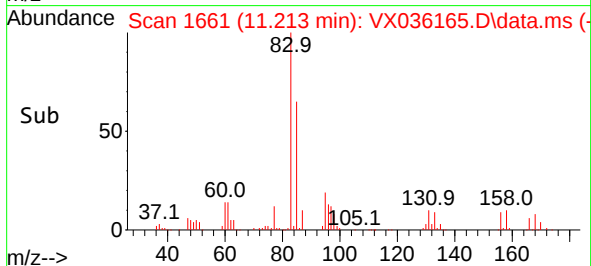
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01



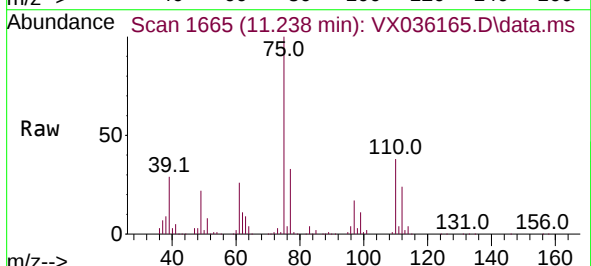
Tgt Ion: 83 Resp: 7643
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.2
85 64.1 31.9 95.5

Manual Integrations
APPROVED

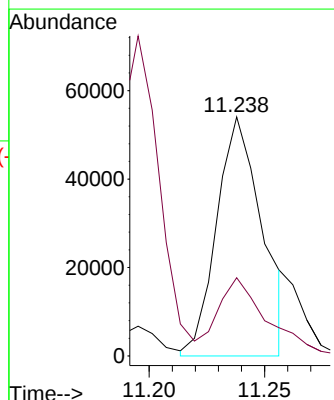
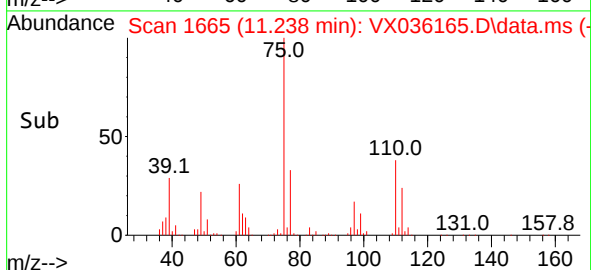
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

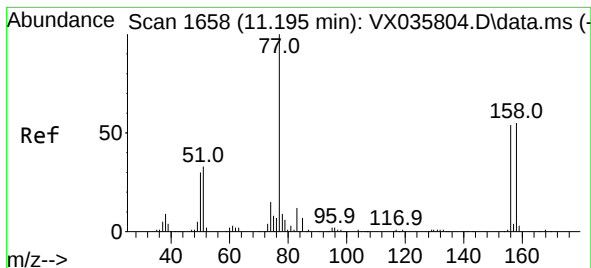


#72
1,2,3-Trichloropropane
Concen: 21.826 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56



Tgt Ion: 75 Resp: 74147
Ion Ratio Lower Upper
75 100
77 35.7 0.0 73.8





#73

Bromobenzene

Concen: 18.000 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX036165.D

Acq: 15 Jun 2023 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

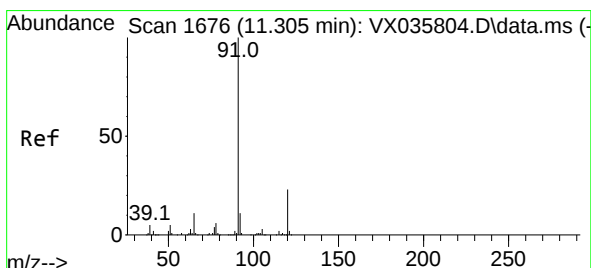
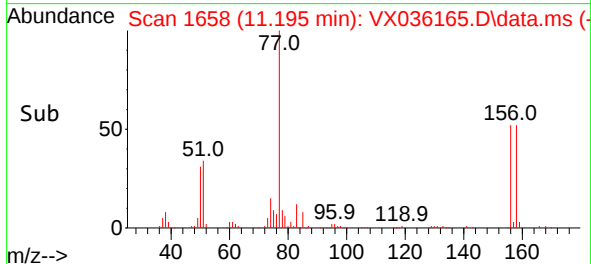
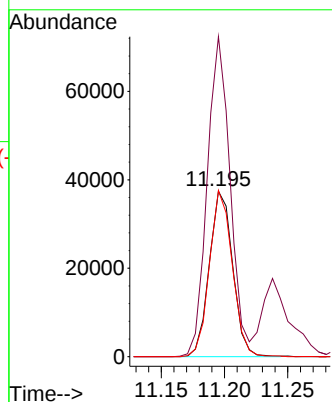
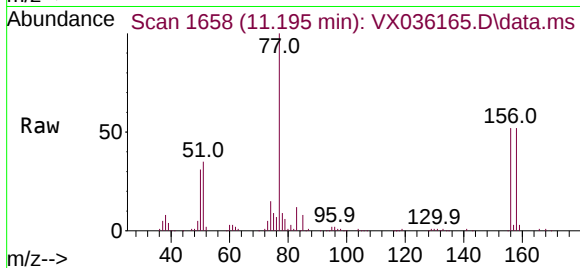
Tgt Ion:	156	Resp:	48158
Ion Ratio	Lower	Upper	
156	100		
77	188.5	0.0	330.8
158	97.9	0.0	193.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#74

n-propylbenzene

Concen: 19.660 ug/l

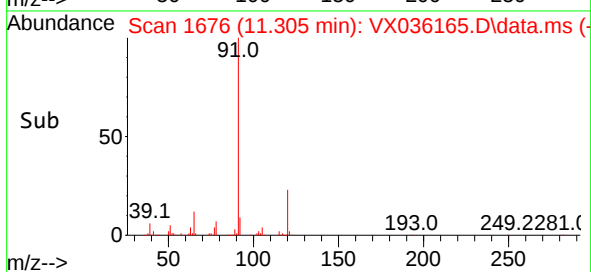
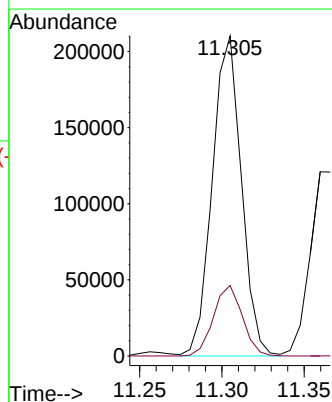
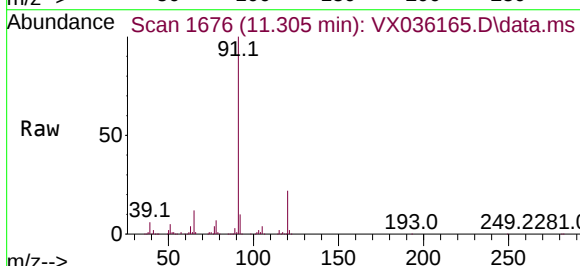
RT: 11.305 min Scan# 1676

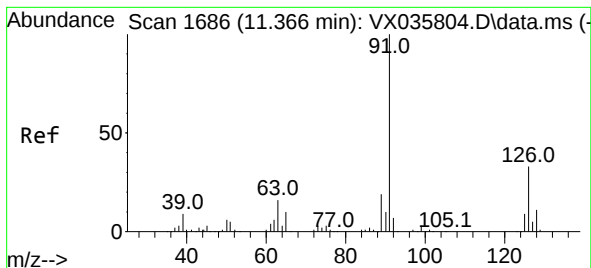
Delta R.T. 0.000 min

Lab File: VX036165.D

Acq: 15 Jun 2023 12:56

Tgt Ion:	91	Resp:	258062
Ion Ratio	Lower	Upper	
91	100		
120	21.9	0.0	44.8





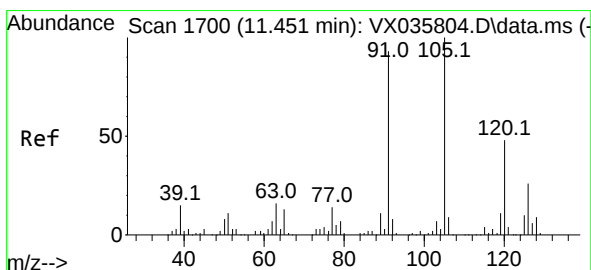
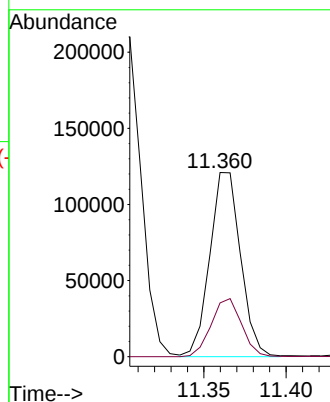
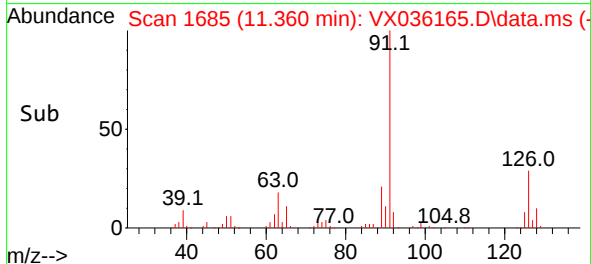
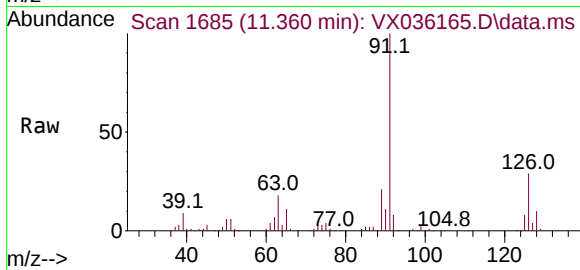
#75
2-Chlorotoluene
Concen: 19.595 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

Tgt Ion: 91 Resp: 157998
Ion Ratio Lower Upper
91 100
126 31.1 0.0 66.4

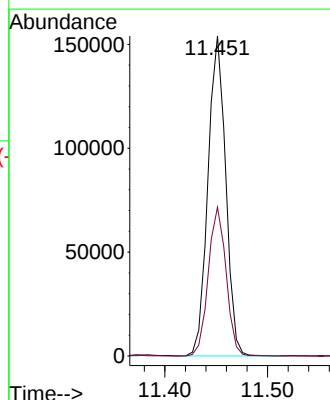
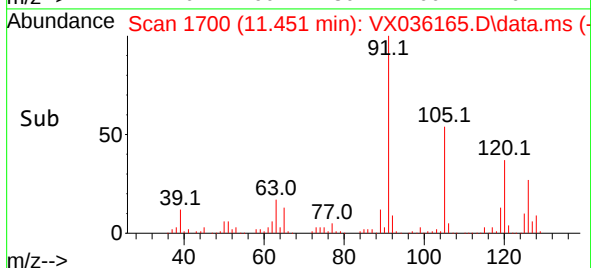
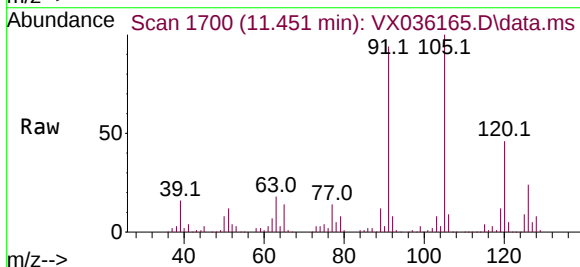
Manual Integrations
APPROVED

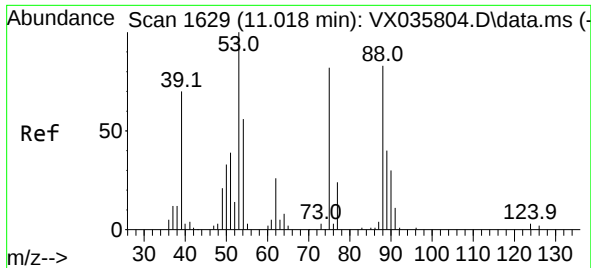
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.748 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

Tgt Ion:105 Resp: 184704
Ion Ratio Lower Upper
105 100
120 46.6 0.0 96.4





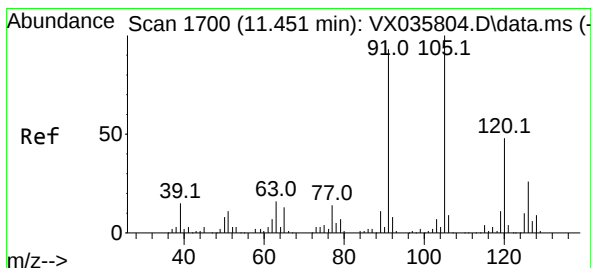
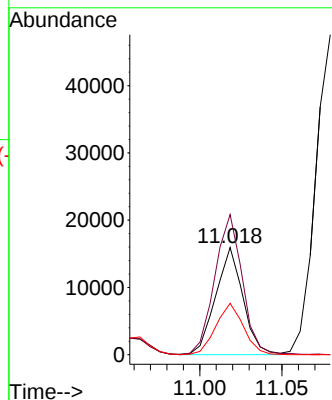
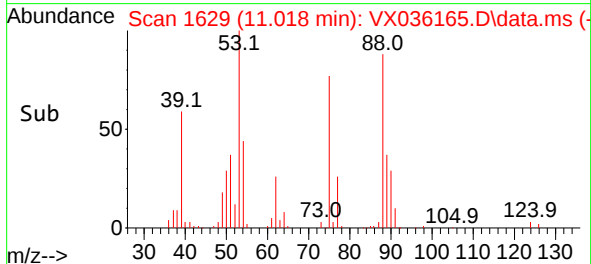
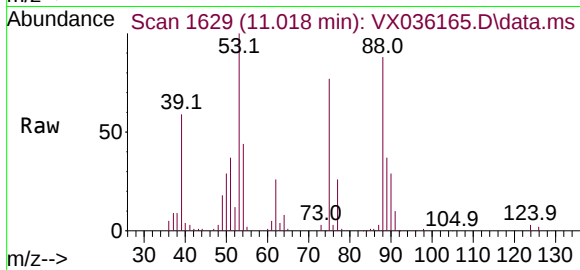
#77
t-1,4-Dichloro-2-butene
Concen: 18.021 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

Tgt Ion: 75 Resp: 18468
Ion Ratio Lower Upper
75 100
53 131.3 58.2 174.6
89 48.1 20.6 61.8

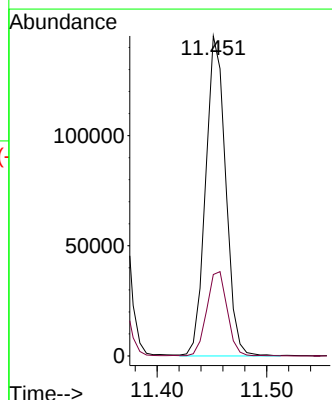
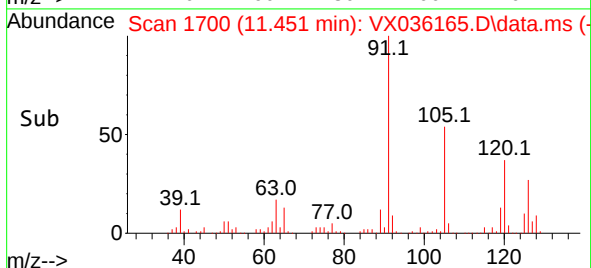
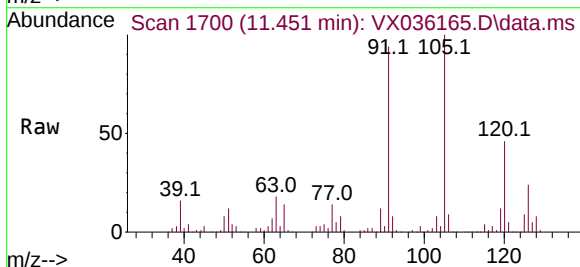
Manual Integrations
APPROVED

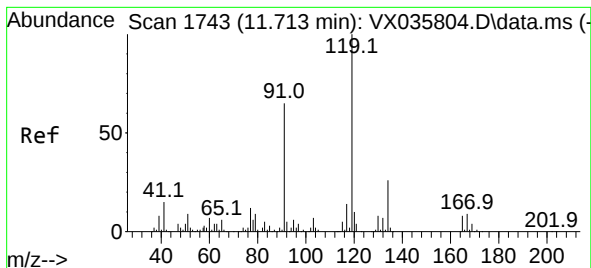
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#78
4-Chlorotoluene
Concen: 20.062 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

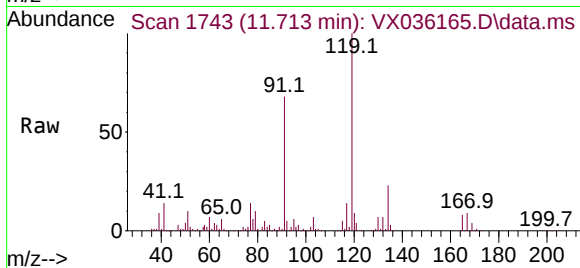
Tgt Ion: 91 Resp: 184283
Ion Ratio Lower Upper
91 100
126 26.6 0.0 56.8





#79
tert-butylbenzene
Concen: 19.508 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

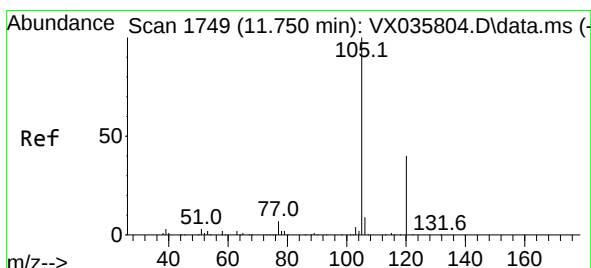
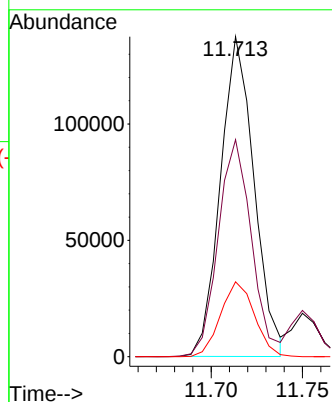
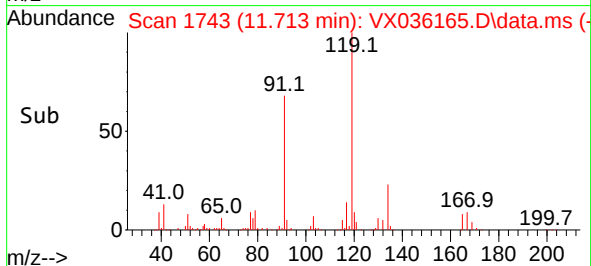
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01



Tgt Ion:119 Resp: 17614
Ion Ratio Lower Upper
119 100
91 67.3 0.0 122.4
134 23.6 0.0 49.2

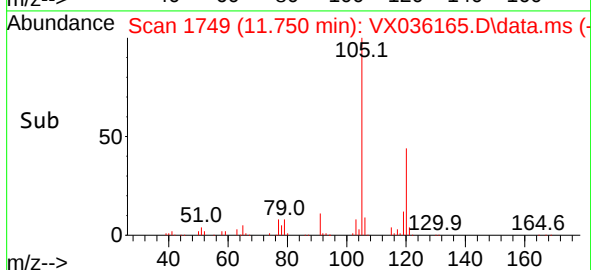
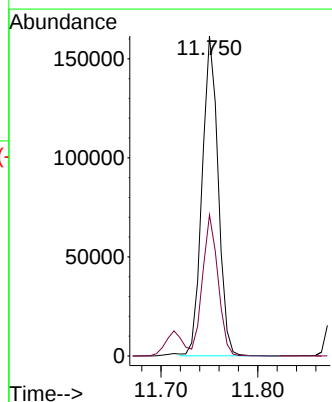
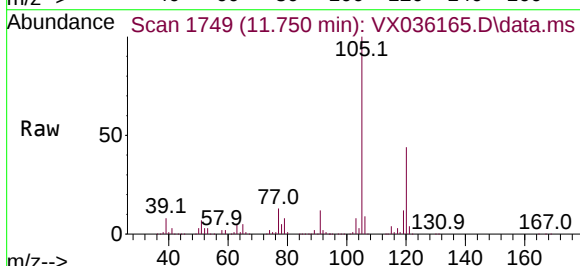
Manual Integrations
APPROVED

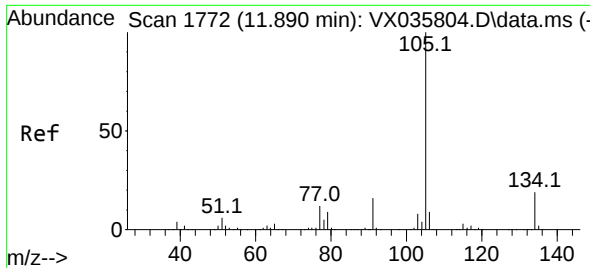
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#80
1,2,4-Trimethylbenzene
Concen: 19.818 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

Tgt Ion:105 Resp: 186281
Ion Ratio Lower Upper
105 100
120 42.4 0.0 90.4





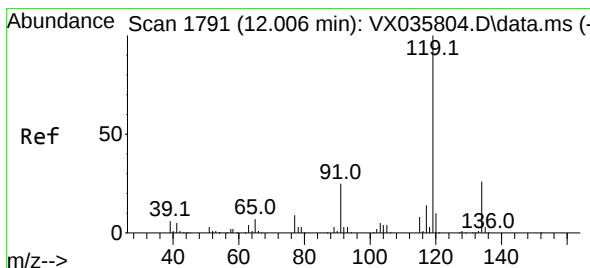
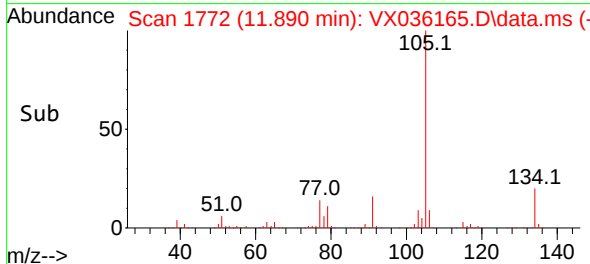
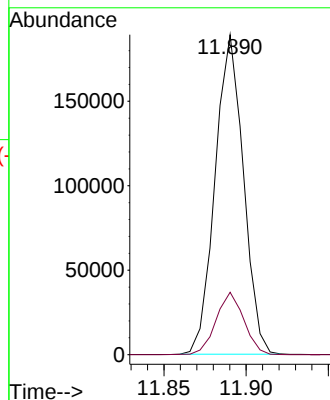
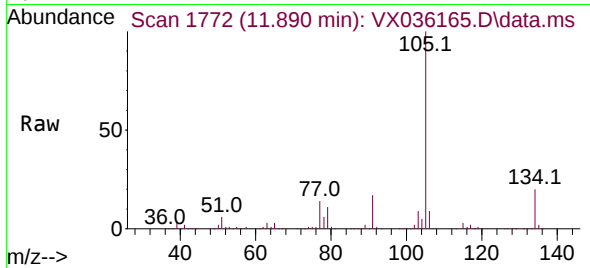
#81
 sec-Butylbenzene
 Concen: 19.895 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036165.D
 Acq: 15 Jun 2023 12:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBSD01

Tgt Ion:105 Resp: 226795
 Ion Ratio Lower Upper
 105 100
 134 19.0 0.0 40.2

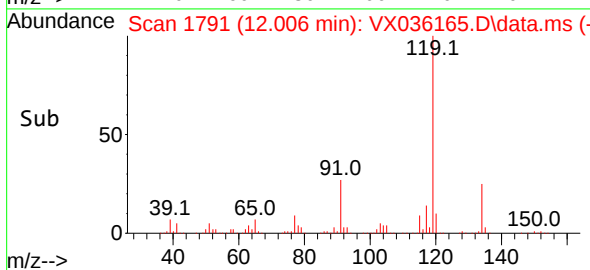
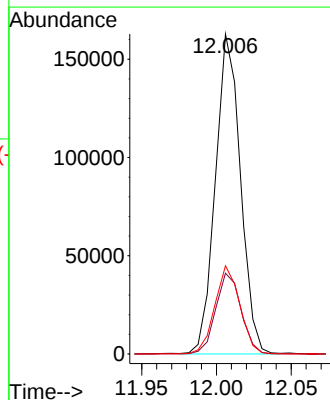
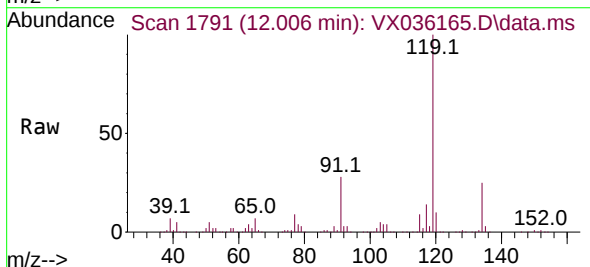
Manual Integrations
 APPROVED

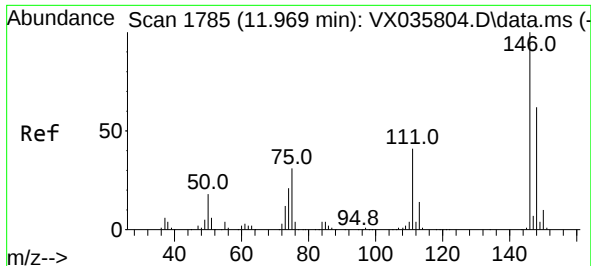
Reviewed By :John Carlone 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023



#82
 p-Isopropyltoluene
 Concen: 20.036 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX036165.D
 Acq: 15 Jun 2023 12:56

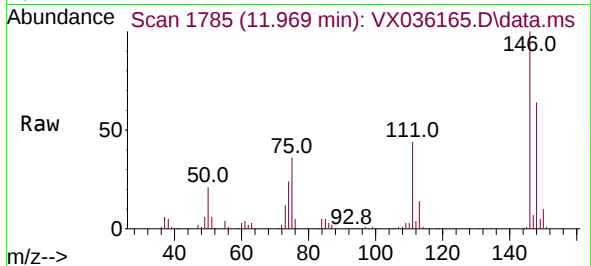
Tgt Ion:119 Resp: 190019
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 52.2
 91 27.5 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 18.689 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

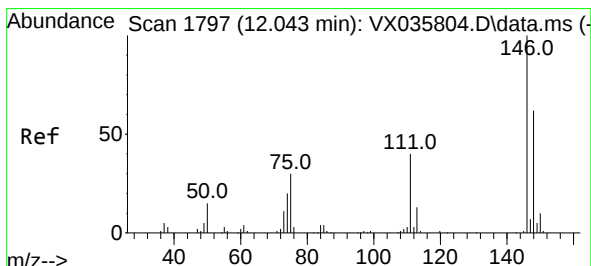
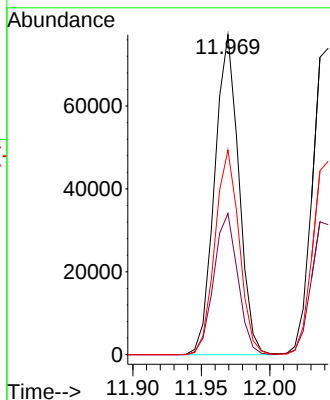
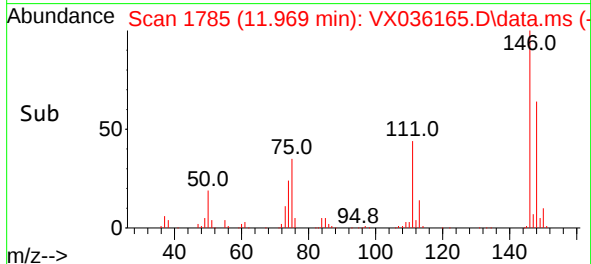
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01



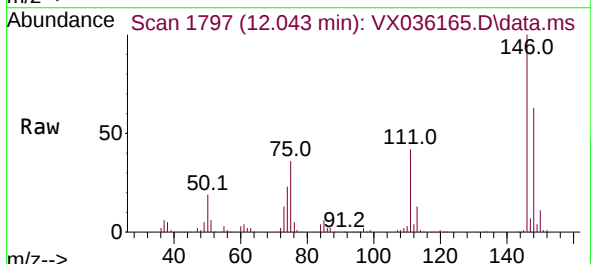
Tgt Ion:146 Resp: 9463
Ion Ratio Lower Upper
146 100
111 44.1 20.6 61.9
148 63.9 31.6 94.7

Manual Integrations
APPROVED

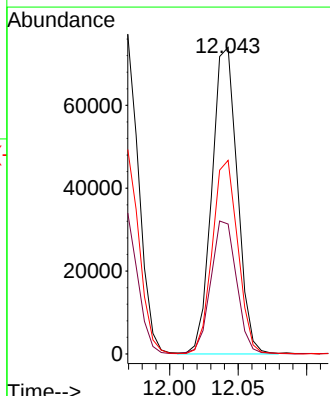
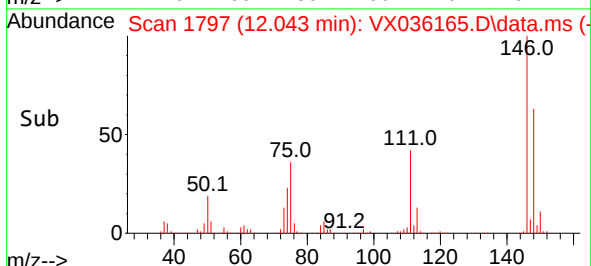
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

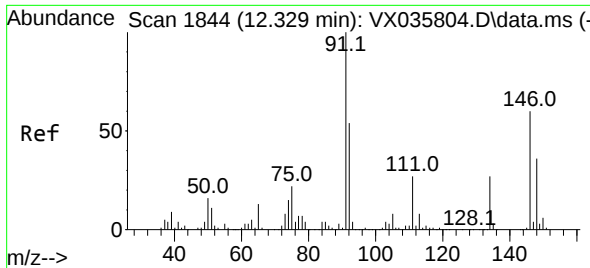


#84
1,4-Dichlorobenzene
Concen: 18.833 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56



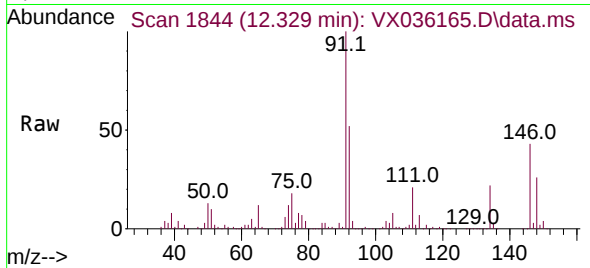
Tgt Ion:146 Resp: 95715
Ion Ratio Lower Upper
146 100
111 43.9 20.3 60.9
148 63.5 31.8 95.3





#85
n-Butylbenzene
Concen: 20.289 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

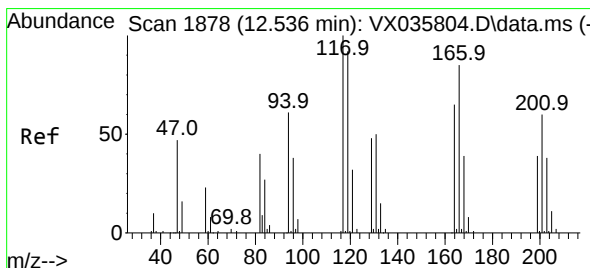
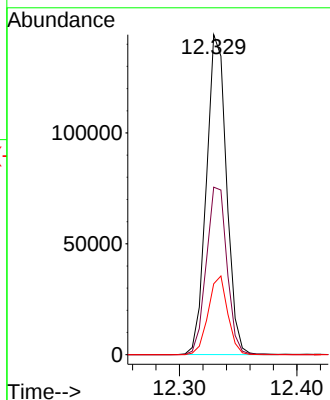
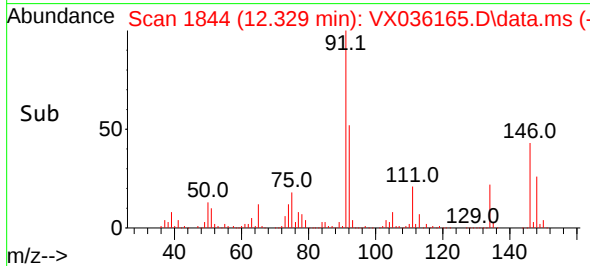
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01



Tgt Ion: 91 Resp: 171180
Ion Ratio Lower Upper
91 100
92 54.0 0.0 107.6
134 23.9 0.0 49.8

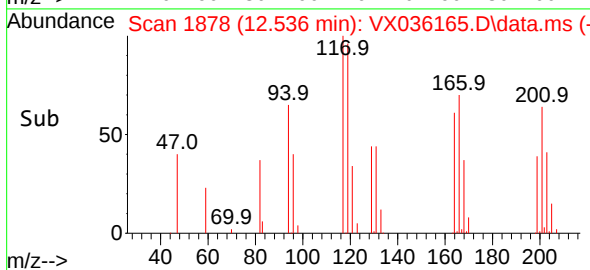
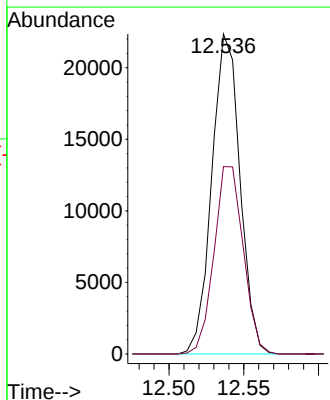
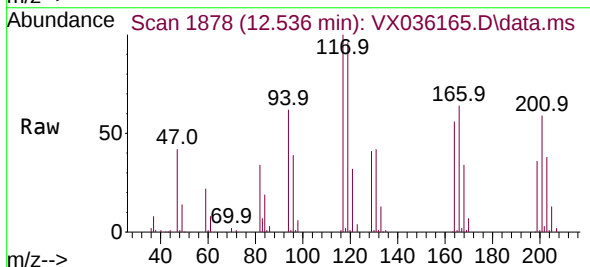
Manual Integrations
APPROVED

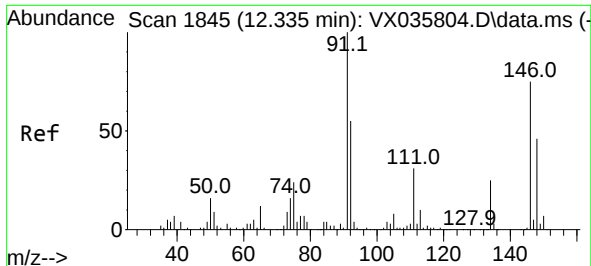
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#86
Hexachloroethane
Concen: 19.619 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

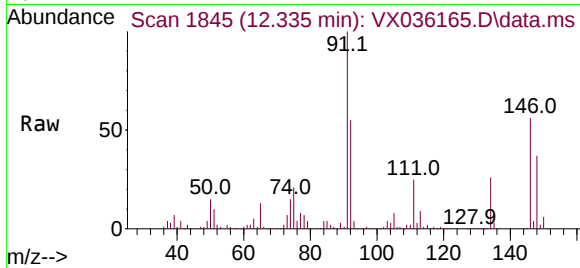
Tgt Ion:117 Resp: 29301
Ion Ratio Lower Upper
117 100
201 60.8 35.4 106.2





#87
1,2-Dichlorobenzene
Concen: 19.149 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

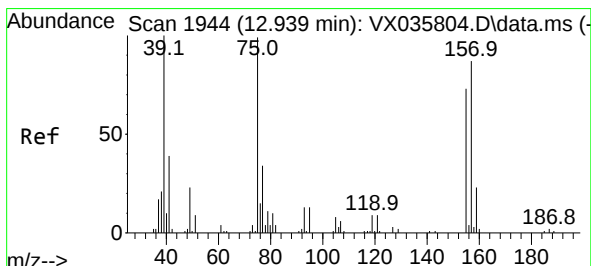
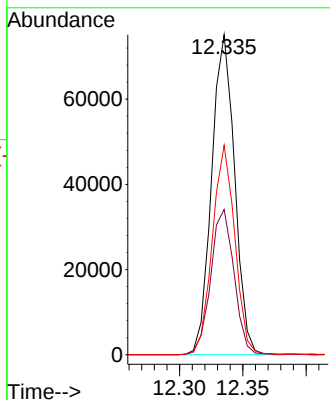
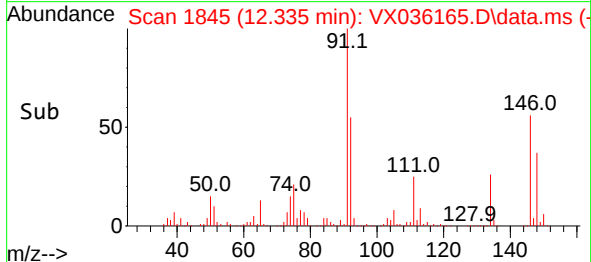
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01



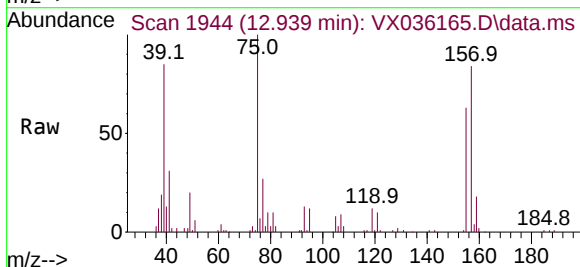
Tgt Ion:146 Resp: 9500
Ion Ratio Lower Upper
146 100
111 45.8 21.3 64.0
148 63.9 31.7 95.1

Manual Integrations
APPROVED

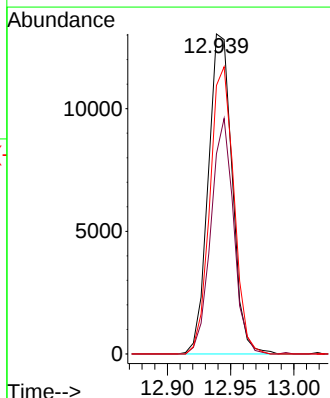
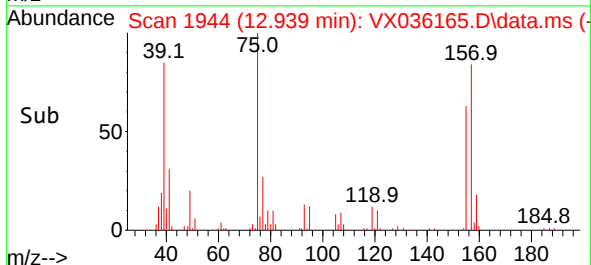
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

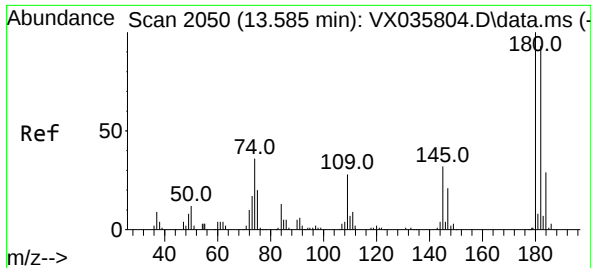


#88
1,2-Dibromo-3-Chloropropane
Concen: 23.062 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56



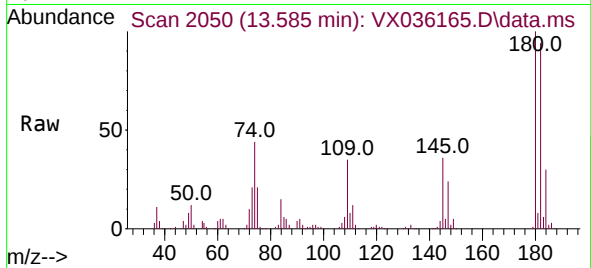
Tgt Ion: 75 Resp: 17192
Ion Ratio Lower Upper
75 100
155 69.5 63.7 95.5
157 89.5 83.7 125.5





#89
1,2,4-Trichlorobenzene
Concen: 19.381 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

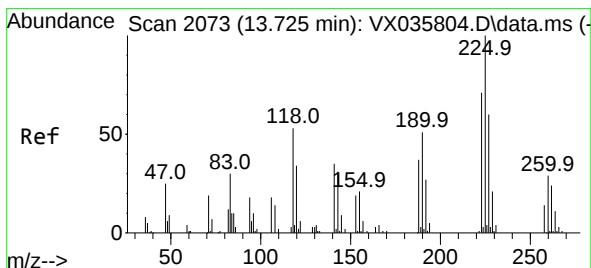
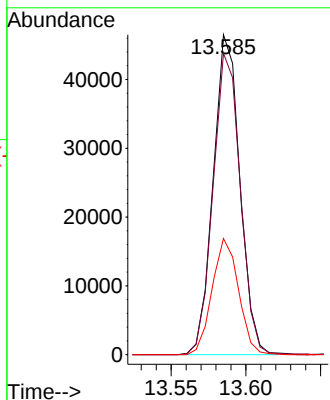
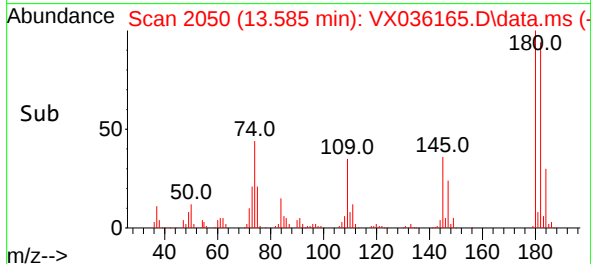
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01



Tgt Ion:180 Resp: 5762
Ion Ratio Lower Upper
180 100
182 96.1 75.8 113.8
145 36.0 25.8 38.6

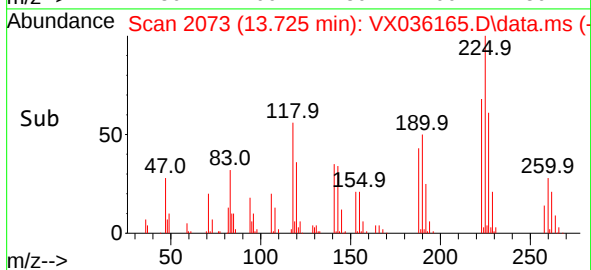
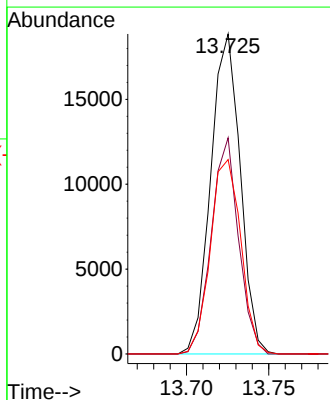
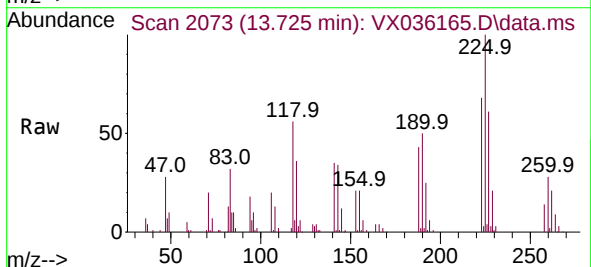
Manual Integrations
APPROVED

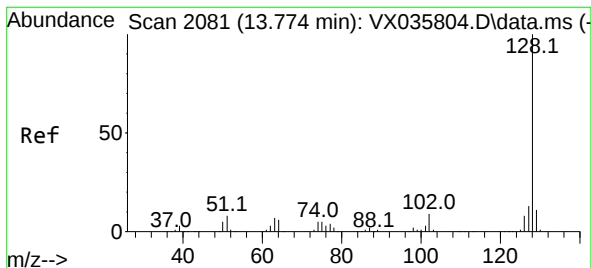
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#90
Hexachlorobutadiene
Concen: 21.468 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

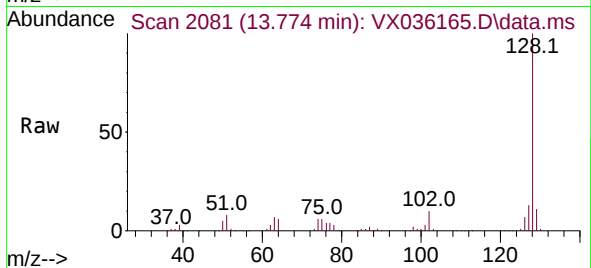
Tgt Ion:225 Resp: 23531
Ion Ratio Lower Upper
225 100
223 62.5 0.0 124.2
227 62.7 0.0 122.8





#91
Naphthalene
Concen: 19.725 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56

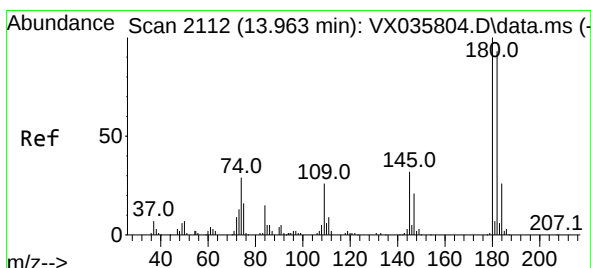
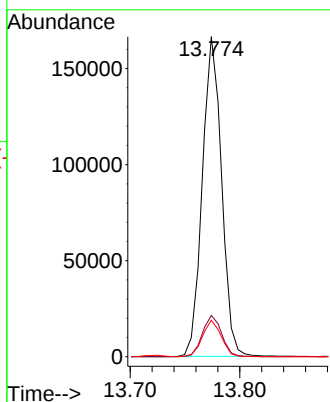
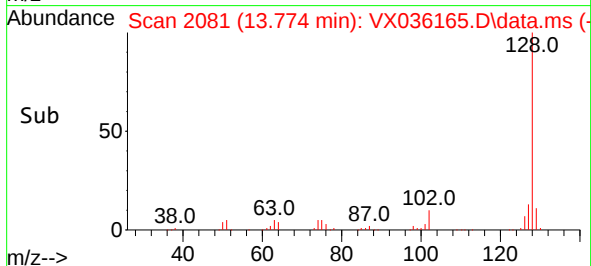
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01



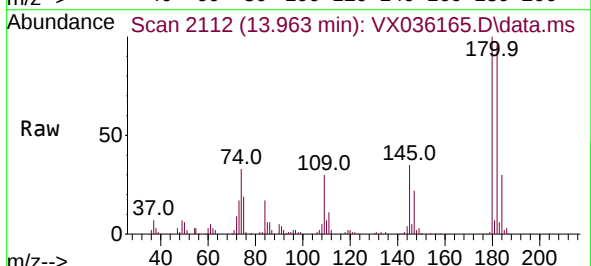
Tgt Ion:128 Resp: 202952
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.2 8.8 13.2

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 19.448 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX036165.D
Acq: 15 Jun 2023 12:56



Tgt Ion:180 Resp: 57736
Ion Ratio Lower Upper
180 100
182 94.3 0.0 191.0
145 36.2 0.0 66.8

