

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052323\
 Data File : VX035811.D
 Acq On : 23 May 2023 13:34
 Operator : JC/MD
 Sample : VX0523WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

Quant Time: May 24 05:47:38 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	4.897	128	39256	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	222420	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	199820	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	95375	29.240	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.467%		
60) 4-Bromofluorobenzene	11.079	95	99118	29.562	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.533%		
63) Toluene-d8	8.647	98	269674	30.528	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.767%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	44510	22.173	ug/l	98
3) Chloromethane	1.294	50	46965	19.070	ug/l	95
4) Vinyl Chloride	1.374	62	44877	19.391	ug/l	98
5) Bromomethane	1.618	94	28335	18.199	ug/l	99
6) Chloroethane	1.691	64	27548	18.881	ug/l	99
7) Trichlorofluoromethane	1.886	101	74266	21.167	ug/l	97
8) Diethyl Ether	2.130	74	28887	19.803	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	42696	22.619	ug/l	100
10) 1,1-Dichloroethene	2.319	96	39059	19.849	ug/l	93
11) Methyl Iodide	2.453	142	43457	18.281	ug/l	93
12) Methyl Acetate	2.709	43	114320	20.560	ug/l	99
13) Acrolein	2.239	56	42640	97.010	ug/l	100
14) Acrylonitrile	3.075	53	141490	101.507	ug/l	100
15) Acetone	2.404	58	42514	101.969	ug/l	97
16) Carbon Disulfide	2.514	76	79670	18.655	ug/l	99
17) Allyl chloride	2.660	41	77209	19.448	ug/l	97
18) Methylene Chloride	2.788	84	49775	19.423	ug/l	90
19) trans-1,2-Dichloroethene	3.093	96	44750	20.173	ug/l	99
20) Diisopropyl ether	3.757	45	172991	20.185	ug/l	95
21) 1,1-Dichloroethane	3.605	63	87396	19.455	ug/l	97
22) cis-1,2-Dichloroethene	4.489	96	54349	19.800	ug/l	99
23) tert-Butyl Alcohol	3.087	59	56286m	110.622	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	159653	20.130	ug/l	94
25) Chloroform	5.093	83	89217	19.354	ug/l	94
26) Cyclohexane	5.464	56	75030	22.084	ug/l #	99
29) 1,1-Dichloropropene	5.690	75	62725	20.252	ug/l	99
30) 2-Butanone	4.568	43	209189	103.175	ug/l	100
31) 2,2-Dichloropropane	4.471	77	66713	20.048	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	72133	19.943	ug/l	99
33) Carbon Tetrachloride	5.678	117	56202	19.678	ug/l	99
34) Benzene	6.031	78	196313	20.091	ug/l	97
35) Methacrylonitrile	4.916	41	41939	19.385	ug/l	97
36) 1,2-Dichloroethane	6.080	62	76049	19.999	ug/l	99
37) Trichloroethene	7.123	130	48486	19.741	ug/l	100
38) Methylcyclohexane	7.379	83	78583	23.135	ug/l	98
39) 1,2-Dichloropropane	7.428	63	52086	19.804	ug/l	93
40) Dibromomethane	7.580	93	34916	19.629	ug/l	98
41) Bromodichloromethane	7.824	83	60981	18.964	ug/l #	99
42) Vinyl Acetate	3.721	43	601276	100.961	ug/l	99

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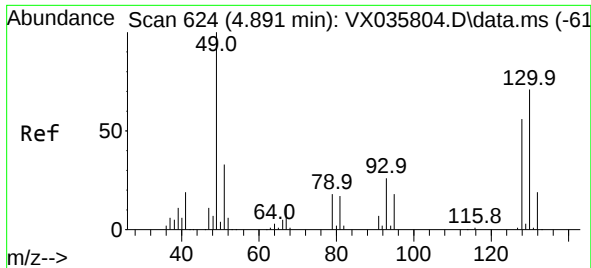
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	79504	20.561	ug/l	98
44) Isopropyl Acetate	6.336	43	127818	20.279	ug/l	99
45) 1,4-Dioxane	7.745	88	25760m	430.300	ug/l	
46) Methyl methacrylate	7.690	41	60535	19.877	ug/l	96
47) n-amyl Acetate	10.842	43	105927	20.008	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	67442	18.957	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	76847	19.574	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	51369	20.185	ug/l	97
51) Ethyl methacrylate	9.116	69	77999	19.883	ug/l	99
52) 1,3-Dichloropropane	9.305	76	88639	19.987	ug/l	99
53) Dibromochloromethane	9.519	129	44558	19.092	ug/l	98
54) 1,2-Dibromoethane	9.610	107	51494	19.476	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	205400	98.664	ug/l	99
56) Bromoform	10.799	173	27104	17.915	ug/l	96
58) 4-Methyl-2-Pentanone	8.574	43	399687	102.979	ug/l	99
59) 2-Hexanone	9.433	43	305687	104.672	ug/l	99
61) Tetrachloroethene	9.275	164	40050	20.812	ug/l	97
62) Toluene	8.714	91	207263	20.142	ug/l	99
64) Chlorobenzene	10.079	112	131496	20.177	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	43940	19.286	ug/l	97
66) Ethyl Benzene	10.195	91	234912	20.412	ug/l	99
67) m/p-Xylenes	10.299	106	179553	41.219	ug/l	97
68) o-Xylene	10.640	106	89708	20.588	ug/l	98
69) Styrene	10.653	104	145766	20.270	ug/l	98
70) Isopropylbenzene	10.963	105	231875	20.849	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	80033	20.317	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	73988m	21.565	ug/l	
73) Bromobenzene	11.195	156	54404	20.135	ug/l	95
74) n-propylbenzene	11.305	91	276912	20.888	ug/l	99
75) 2-Chlorotoluene	11.366	91	164690	20.225	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	195120	20.657	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	18384	17.763	ug/l	93
78) 4-Chlorotoluene	11.451	91	192719	20.774	ug/l	100
79) tert-butylbenzene	11.713	119	189329	20.763	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	195182	20.561	ug/l	100
81) sec-Butylbenzene	11.890	105	243397	21.141	ug/l	99
82) p-Isopropyltoluene	12.006	119	202550	21.147	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	106167	20.761	ug/l	100
84) 1,4-Dichlorobenzene	12.043	146	107165	20.878	ug/l	99
85) n-Butylbenzene	12.329	91	181345	21.282	ug/l	100
86) Hexachloroethane	12.536	117	27900	18.498	ug/l	94
87) 1,2-Dichlorobenzene	12.335	146	105575	21.071	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.939	75	14490	19.246	ug/l	96
89) 1,2,4-Trichlorobenzene	13.585	180	63556	21.165	ug/l	100
90) Hexachlorobutadiene	13.725	225	24954	22.543	ug/l	98
91) Naphthalene	13.774	128	215861	20.773	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	61816	20.618	ug/l	99

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.897 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX035811.D

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Instrument :

MSVOA_X

ClientSampleId :

VX0523WBSD01

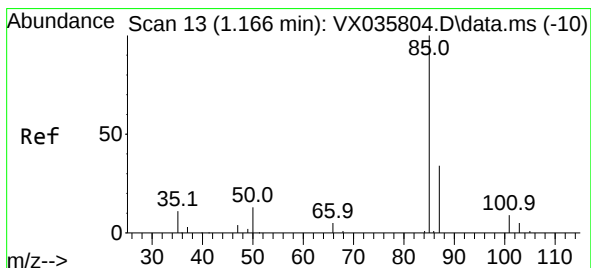
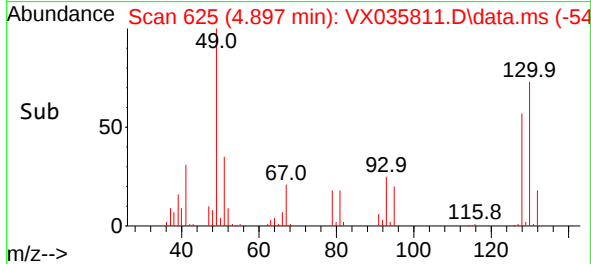
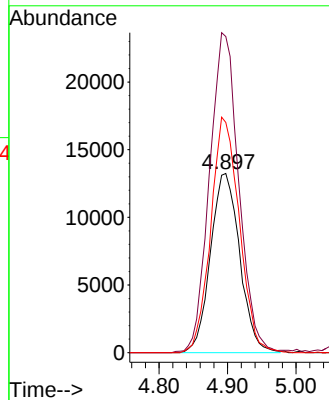
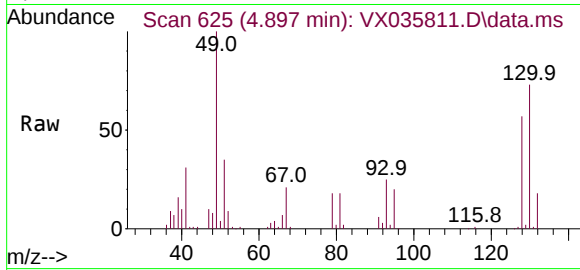
Tgt Ion:	128	Resp:	39250
Ion	Ratio	Lower	Upper
128	100		
49	176.1	0.0	428.8
130	128.6	0.0	310.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#2

Dichlorodifluoromethane

Concen: 22.173 ug/l

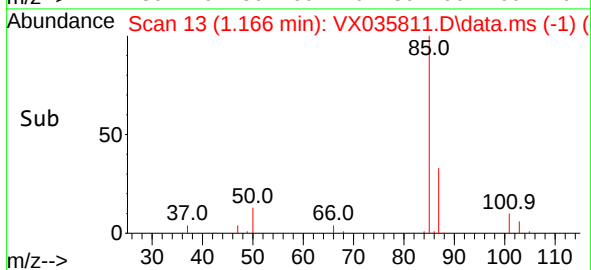
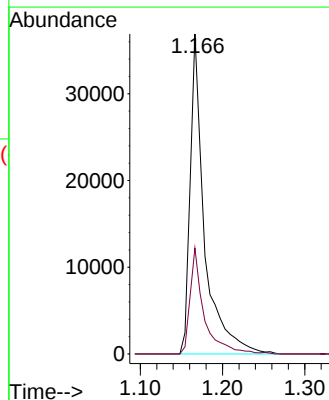
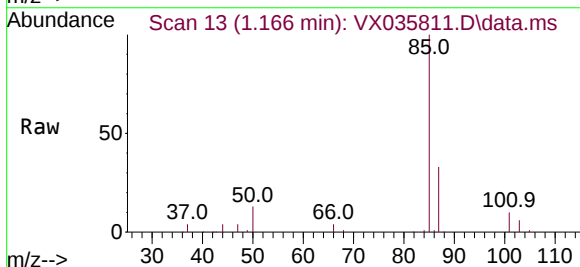
RT: 1.166 min Scan# 13

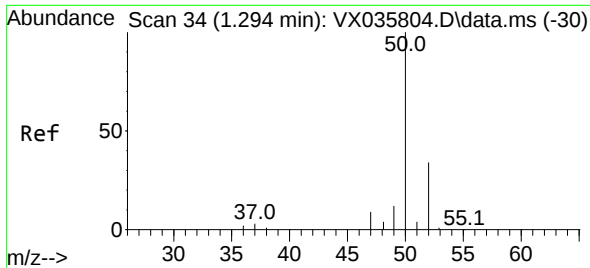
Delta R.T. 0.000 min

Lab File: VX035811.D

Acq: 23 May 2023 13:34

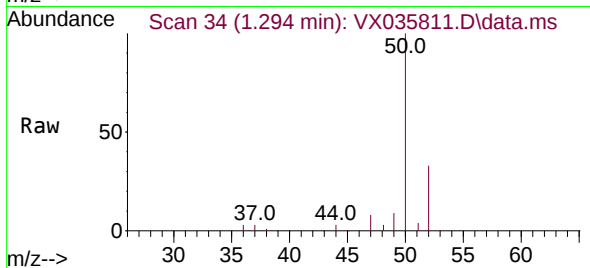
Tgt Ion:	85	Resp:	44510
Ion	Ratio	Lower	Upper
85	100		
87	33.1	16.0	48.0





#3
Chloromethane
Concen: 19.070 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

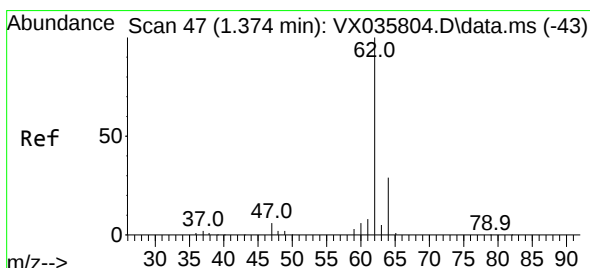
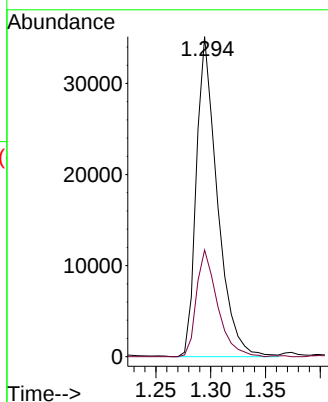
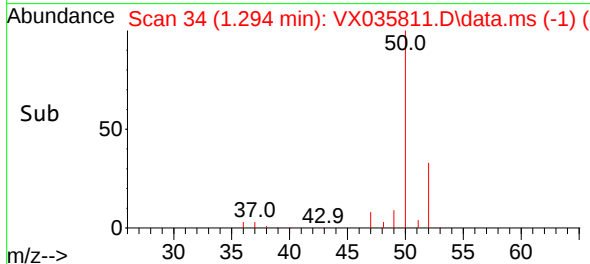
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01



Tgt Ion: 50 Resp: 4696
Ion Ratio Lower Upper
50 100
52 33.4 24.6 36.8

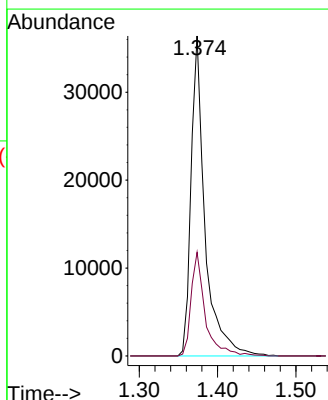
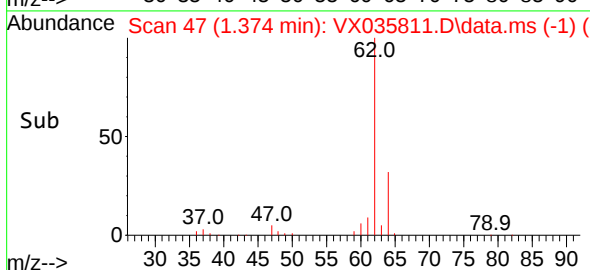
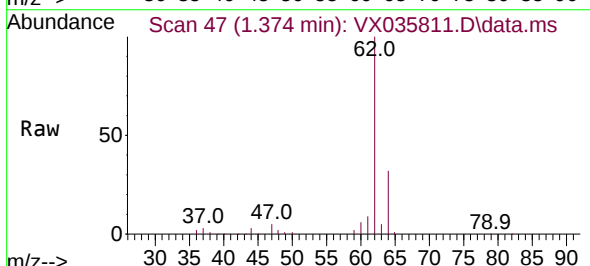
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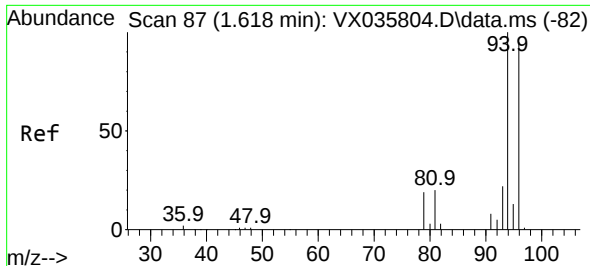
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#4
Vinyl Chloride
Concen: 19.391 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

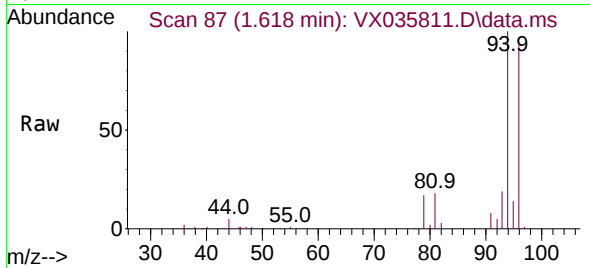
Tgt Ion: 62 Resp: 44877
Ion Ratio Lower Upper
62 100
64 32.4 26.9 40.3





#5
Bromomethane
Concen: 18.199 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

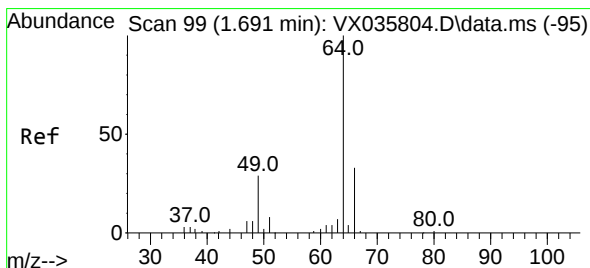
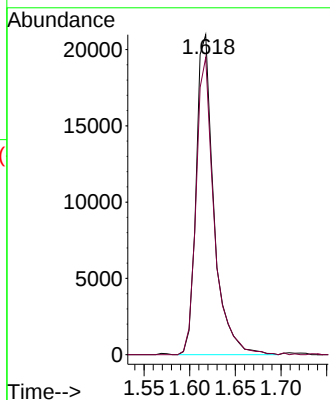
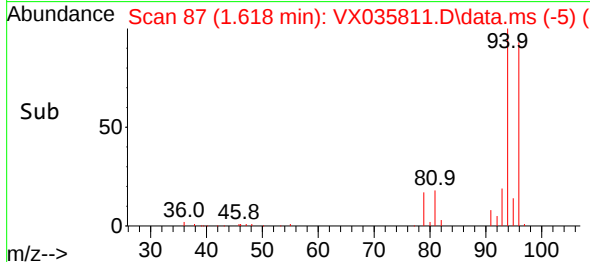
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01



Tgt Ion: 94 Resp: 2833
Ion Ratio Lower Upper
94 100
96 92.8 73.4 110.0

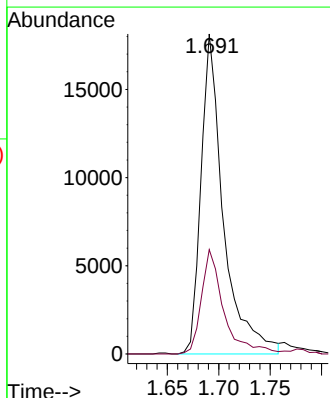
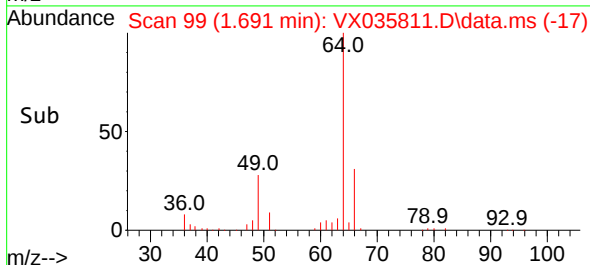
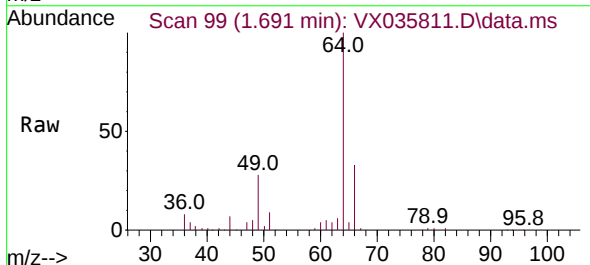
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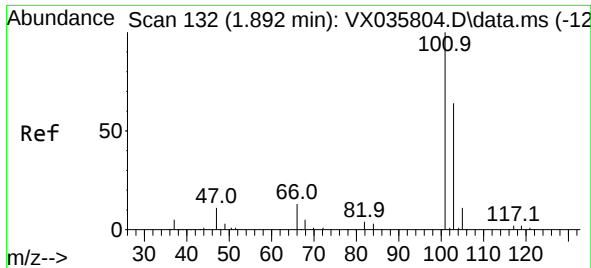
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#6
Chloroethane
Concen: 18.881 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

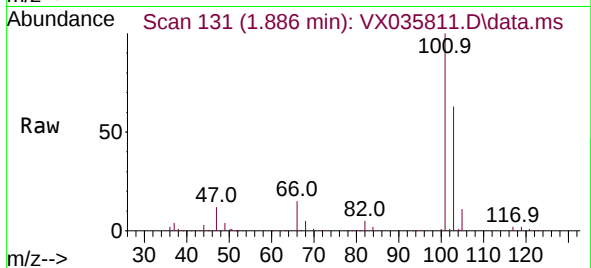
Tgt Ion: 64 Resp: 27548
Ion Ratio Lower Upper
64 100
66 32.6 26.6 40.0





#7
Trichlorofluoromethane
Concen: 21.167 ug/l
RT: 1.886 min Scan# 111
Delta R.T. -0.006 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

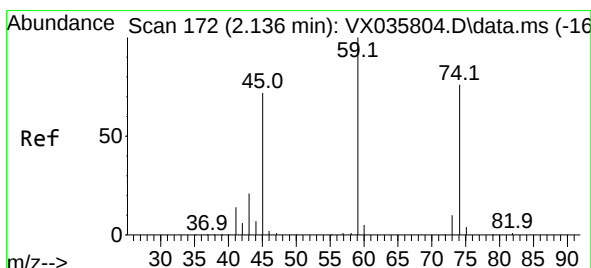
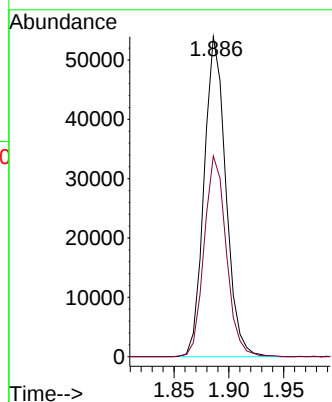
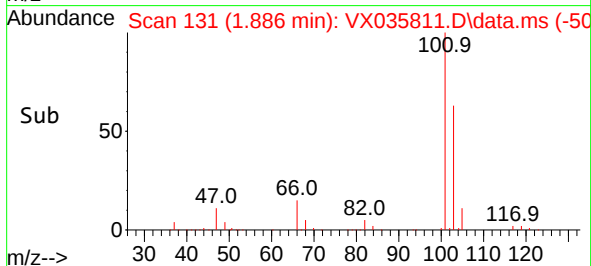
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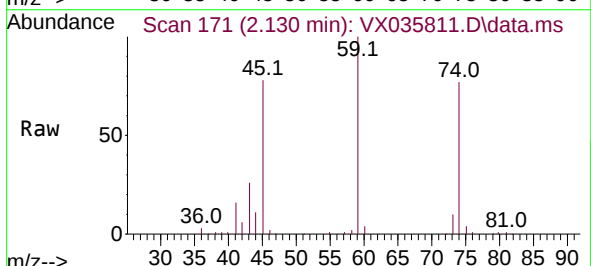
Tgt Ion:101 Resp: 74260
Ion Ratio Lower Upper
101 100
103 62.6 52.1 78.1

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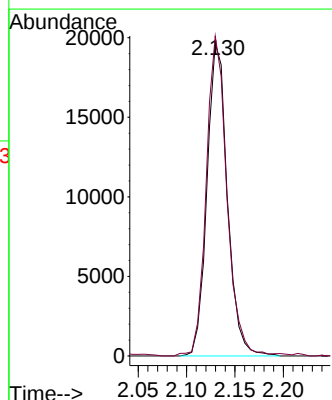
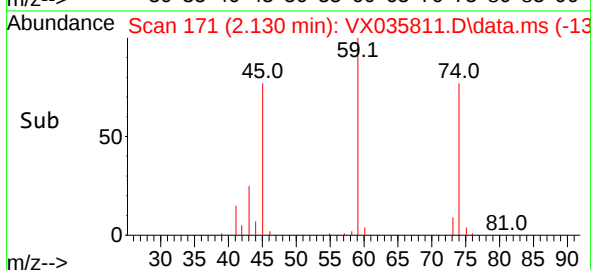
Reviewed By :John Carlone 05/25/2023
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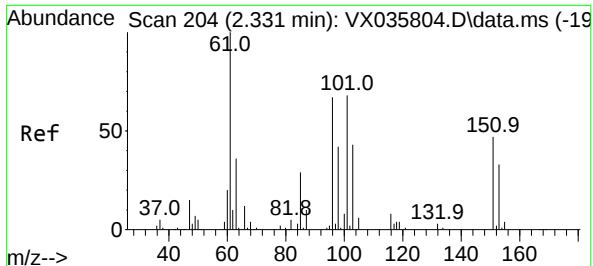


#8
Diethyl Ether
Concen: 19.803 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34



Tgt Ion: 74 Resp: 28887
Ion Ratio Lower Upper
74 100
45 102.4 20.5 184.5





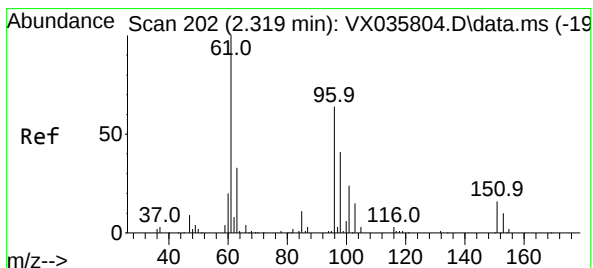
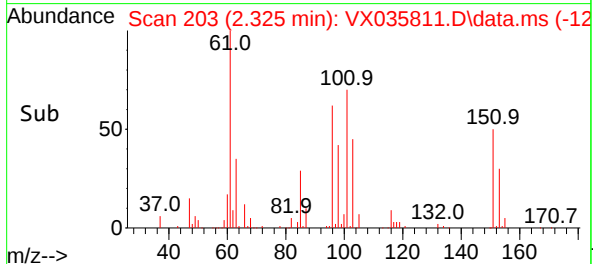
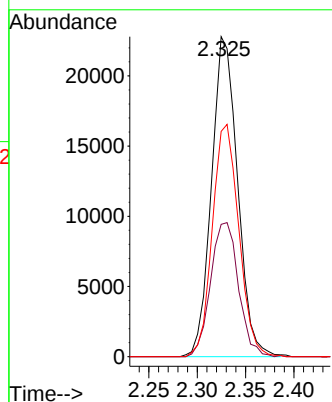
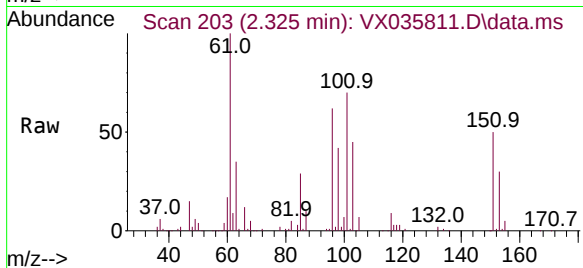
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.619 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01

Tgt Ion:101 Resp: 42690
Ion Ratio Lower Upper
101 100
85 44.7 0.0 88.8
151 73.5 0.0 147.6

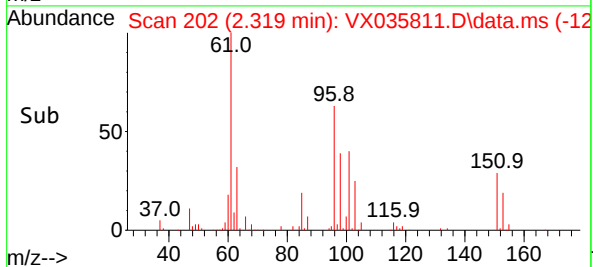
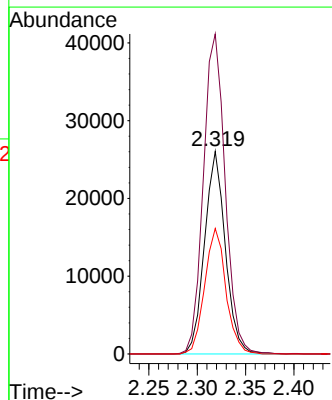
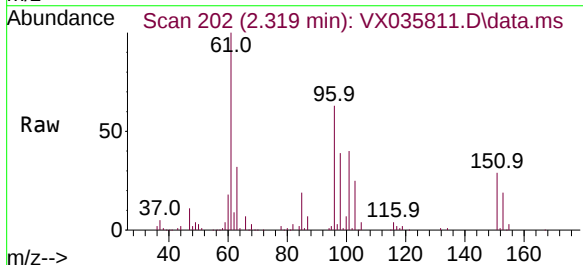
Manual Integrations
APPROVED

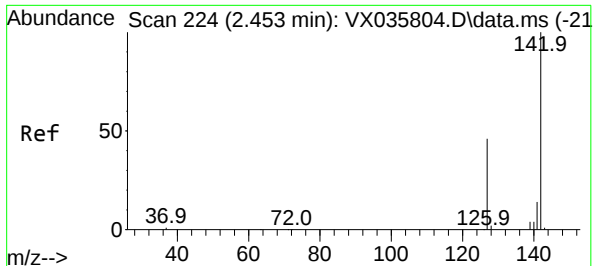
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#10
1,1-Dichloroethene
Concen: 19.849 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

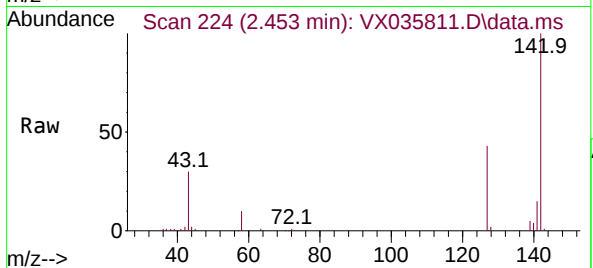
Tgt Ion: 96 Resp: 39059
Ion Ratio Lower Upper
96 100
61 157.7 135.8 203.6
98 61.9 49.8 74.6





#11
Methyl Iodide
Concen: 18.281 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

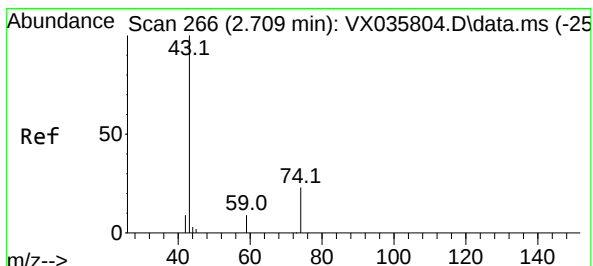
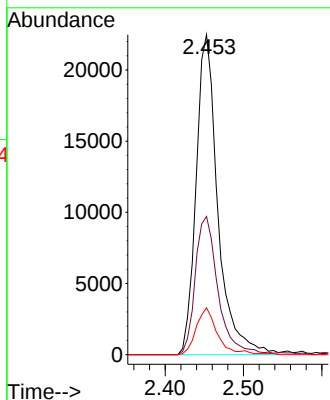
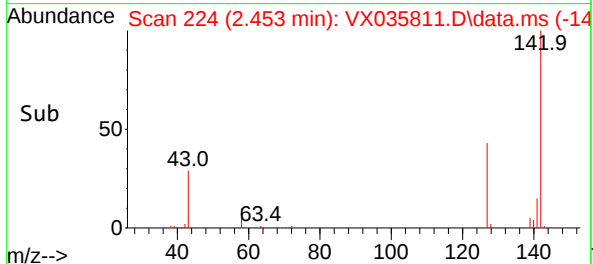
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01



Tgt Ion:142 Resp: 4345
Ion Ratio Lower Upper
142 100
127 43.1 24.5 73.5
141 14.7 7.6 22.8

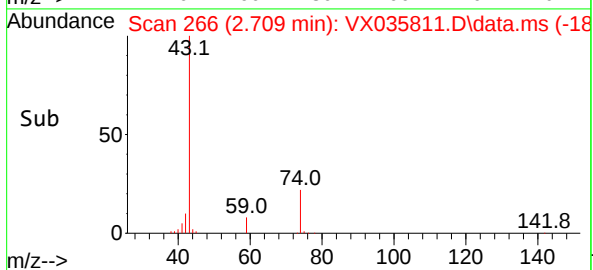
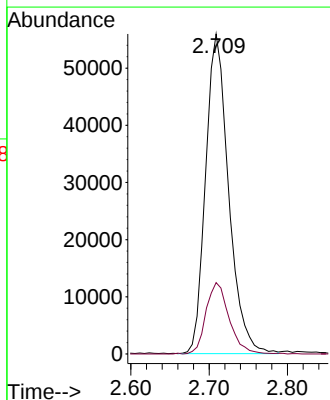
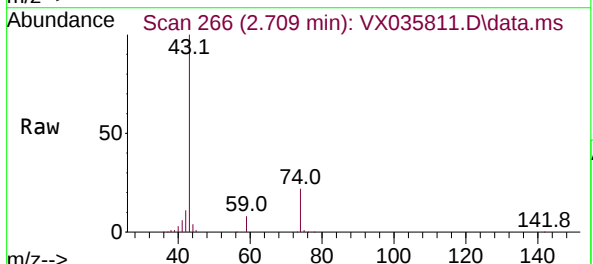
Manual Integrations
APPROVED

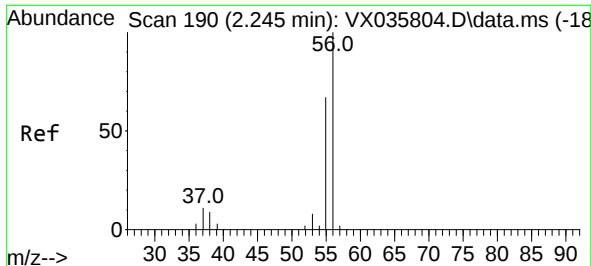
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#12
Methyl Acetate
Concen: 20.560 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

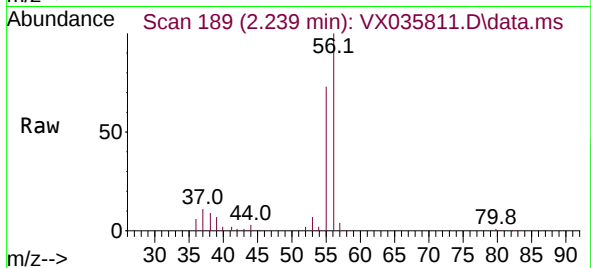
Tgt Ion: 43 Resp: 114320
Ion Ratio Lower Upper
43 100
74 22.2 18.0 27.0





#13
Acrolein
Concen: 97.010 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

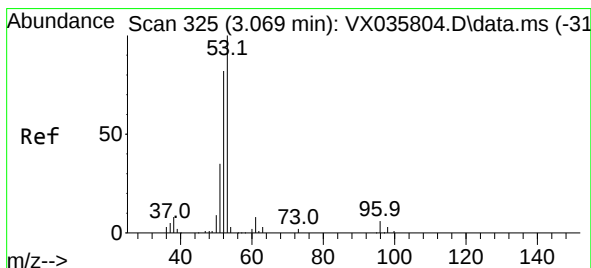
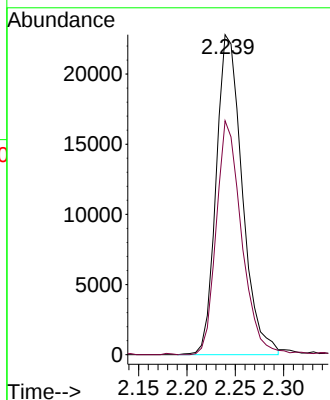
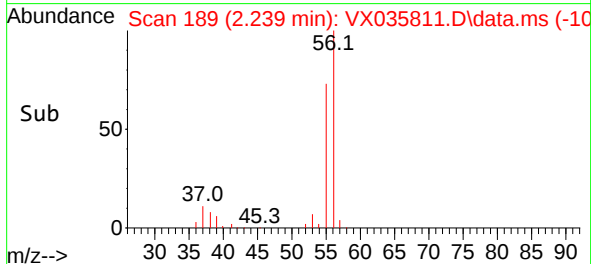
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01



Tgt Ion: 56 Resp: 42640
Ion Ratio Lower Upper
56 100
55 70.9 56.6 85.0

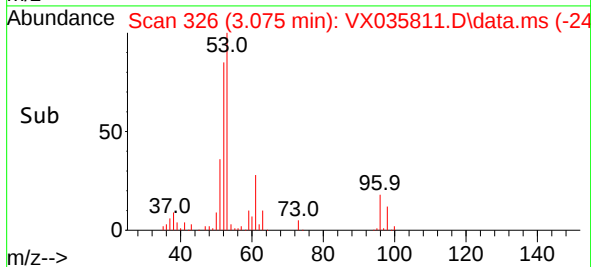
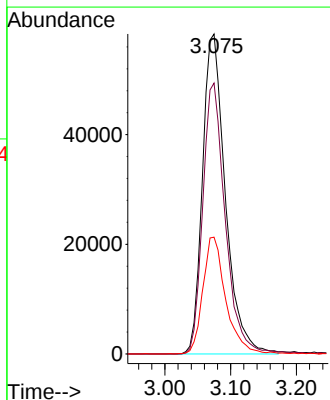
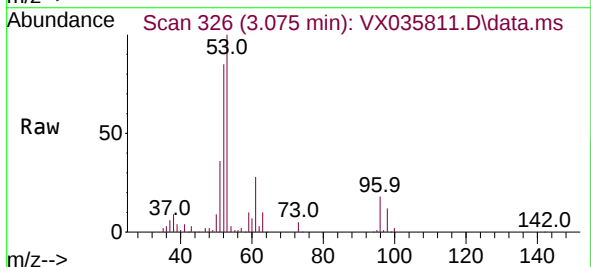
Manual Integrations
APPROVED

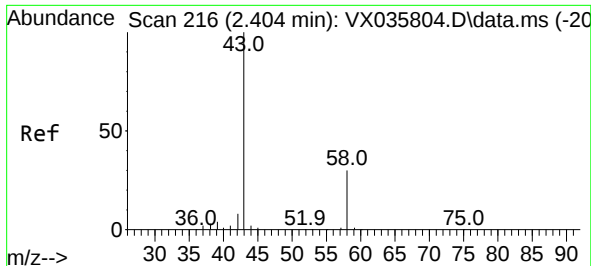
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#14
Acrylonitrile
Concen: 101.507 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.006 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

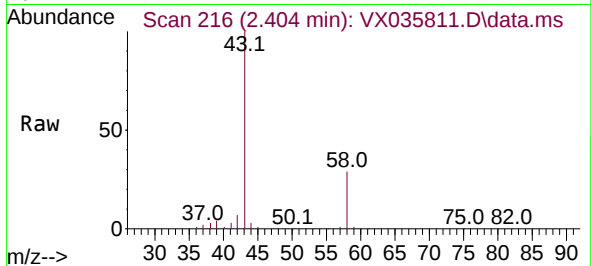
Tgt Ion: 53 Resp: 141490
Ion Ratio Lower Upper
53 100
52 82.7 41.3 123.7
51 36.3 17.9 53.7





#15
Acetone
Concen: 101.969 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

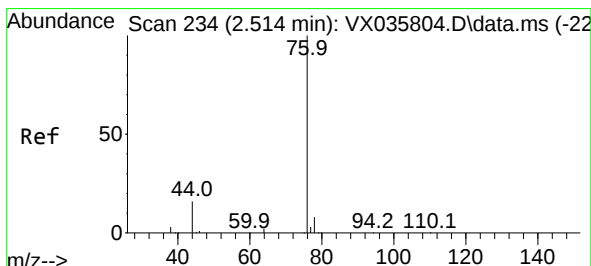
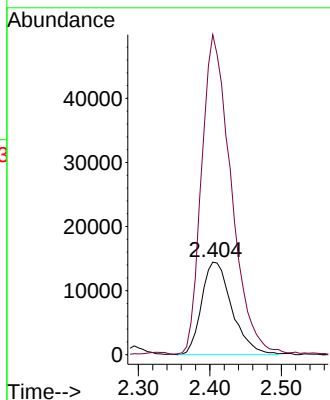
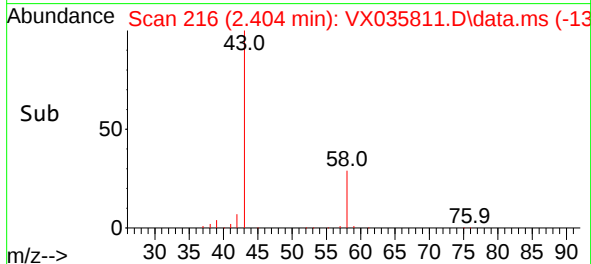
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01



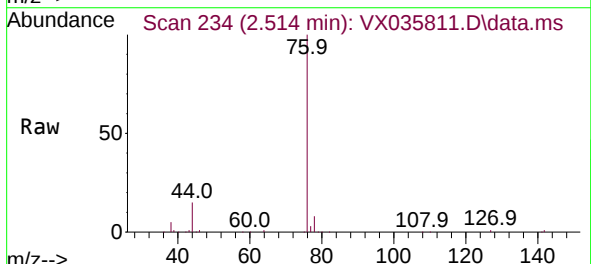
Tgt Ion: 58 Resp: 42514
Ion Ratio Lower Upper
58 100
43 344.7 270.8 406.2

Manual Integrations
APPROVED

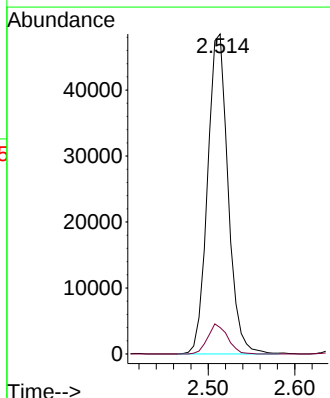
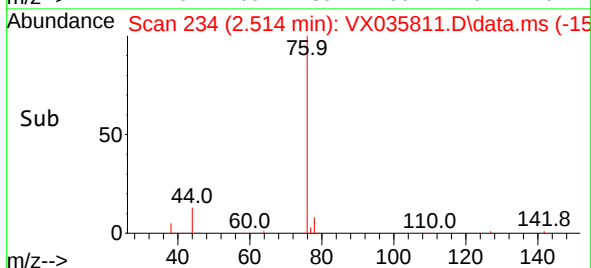
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

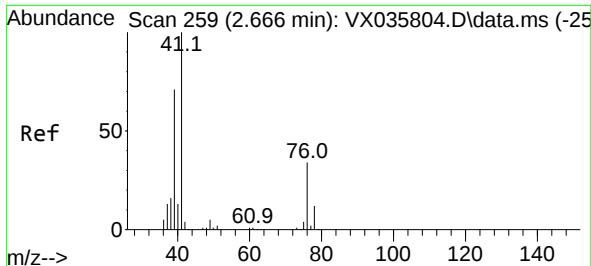


#16
Carbon Disulfide
Concen: 18.655 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34



Tgt Ion: 76 Resp: 79670
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.6





#17

Allyl chloride

Concen: 19.448 ug/l

RT: 2.660 min Scan# 259

Delta R.T. -0.006 min

Lab File: VX035811.D

Acq: 23 May 2023 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBSD01

Tgt Ion: 41 Resp: 77209

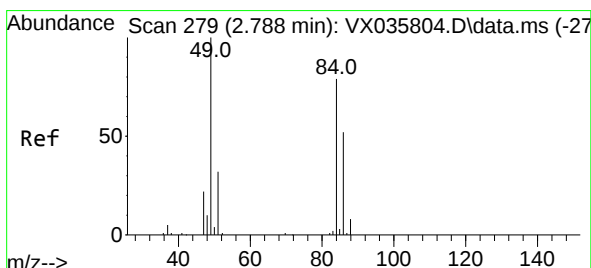
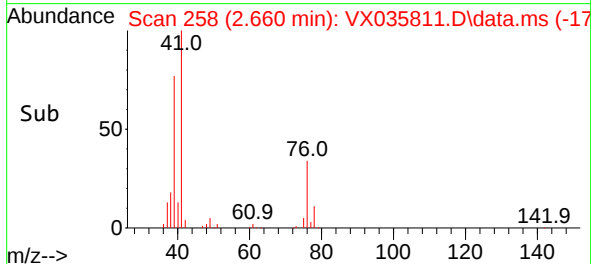
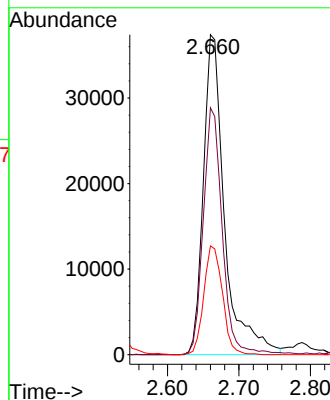
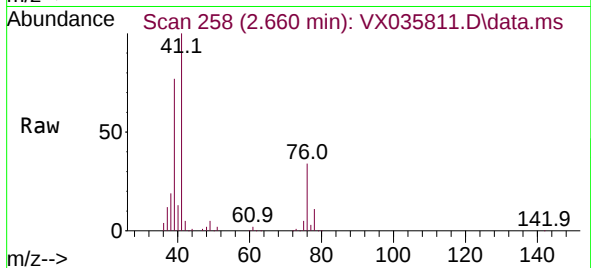
Ion	Ratio	Lower	Upper
41	100		
39	77.2	36.4	109.3
76	34.0	17.0	51.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#18

Methylene Chloride

Concen: 19.423 ug/l

RT: 2.788 min Scan# 279

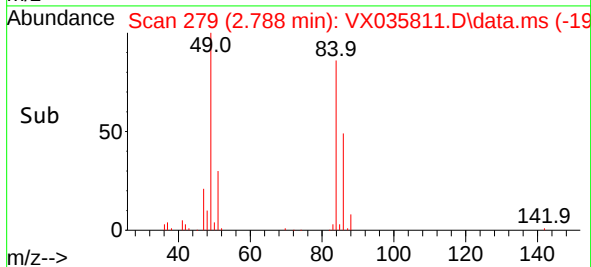
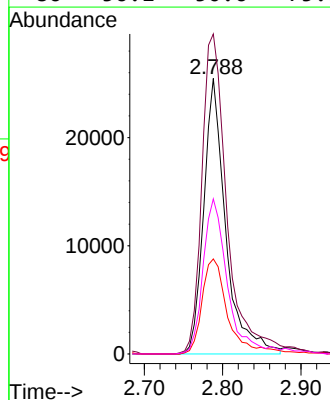
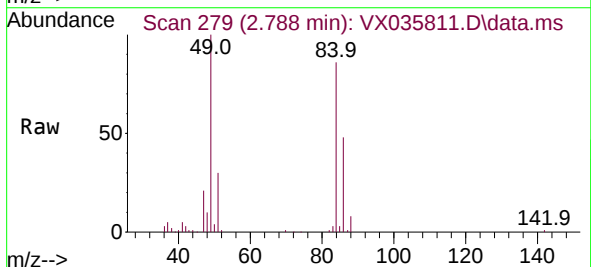
Delta R.T. 0.000 min

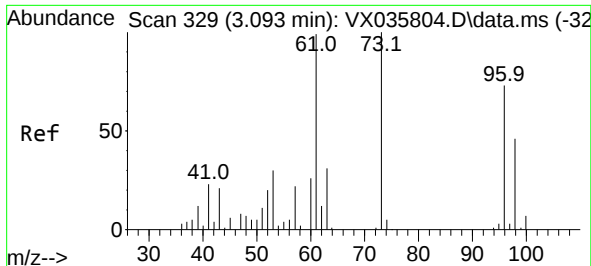
Lab File: VX035811.D

Acq: 23 May 2023 13:34

Tgt Ion: 84 Resp: 49775

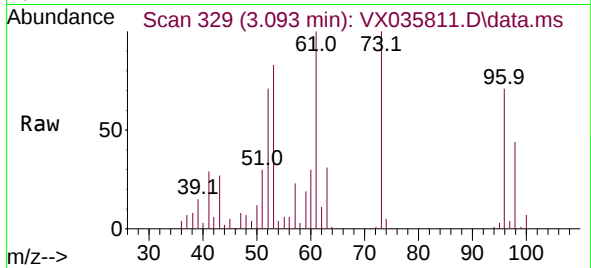
Ion	Ratio	Lower	Upper
84	100		
49	115.7	103.9	155.9
51	34.5	30.6	45.8
86	56.1	50.6	75.8





#19
trans-1,2-Dichloroethene
Concen: 20.173 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

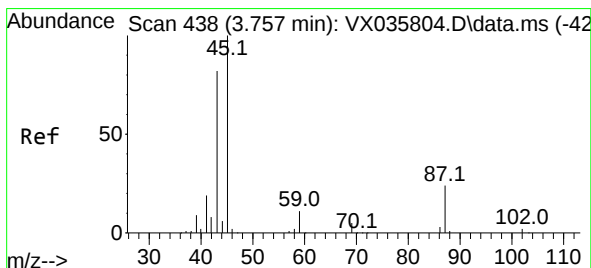
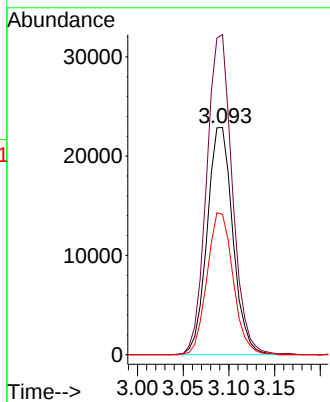
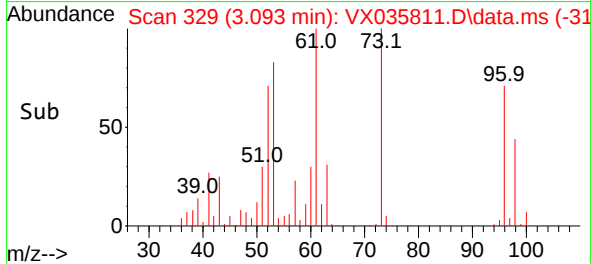
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01



Tgt Ion: 96 Resp: 44750
Ion Ratio Lower Upper
96 100
61 140.6 111.1 166.7
98 61.8 48.6 72.8

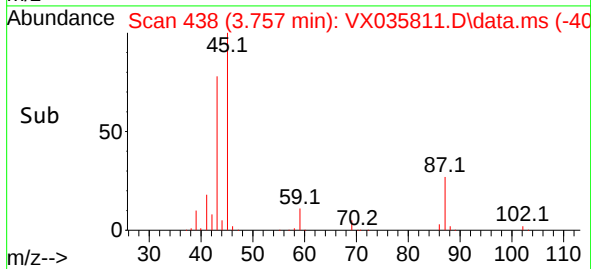
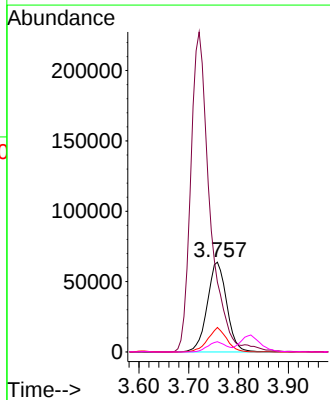
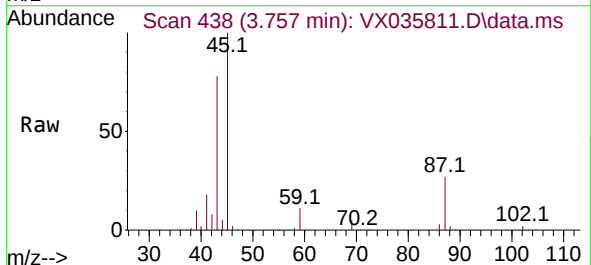
Manual Integrations
APPROVED

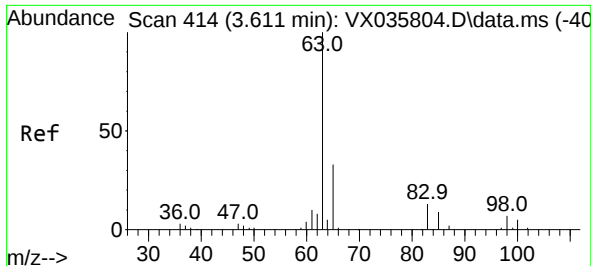
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#20
Diisopropyl ether
Concen: 20.185 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

Tgt Ion: 45 Resp: 172991
Ion Ratio Lower Upper
45 100
43 76.4 66.0 99.0
87 27.3 21.8 32.6
59 11.3 8.7 13.1





#21

1,1-Dichloroethane

Concen: 19.455 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX035811.D

Acq: 23 May 2023 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBSD01

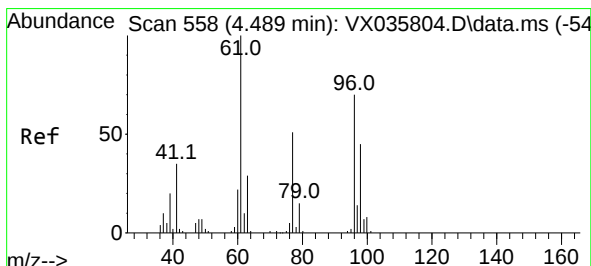
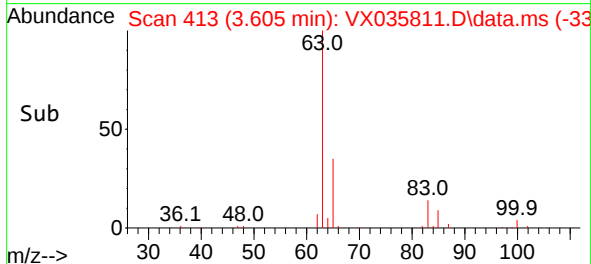
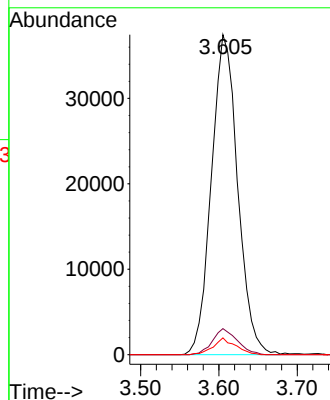
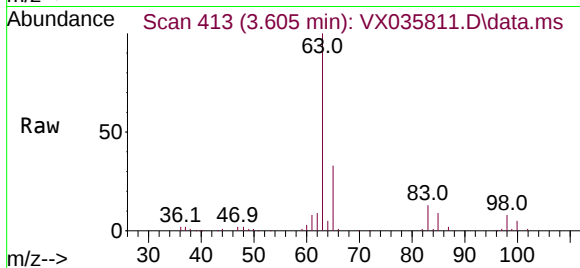
Tgt Ion: 63	Resp: 87390
Ion Ratio	Lower Upper
63 100	
98 8.2	3.5 10.6
100 5.2	2.2 6.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#22

cis-1,2-Dichloroethene

Concen: 19.800 ug/l

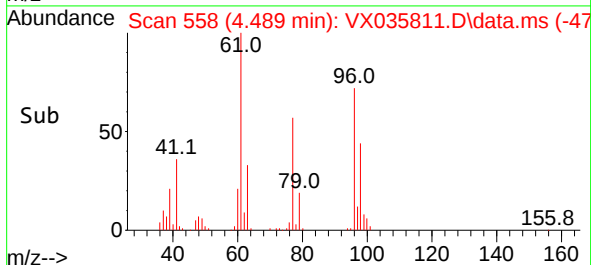
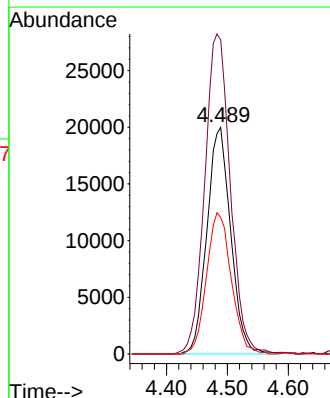
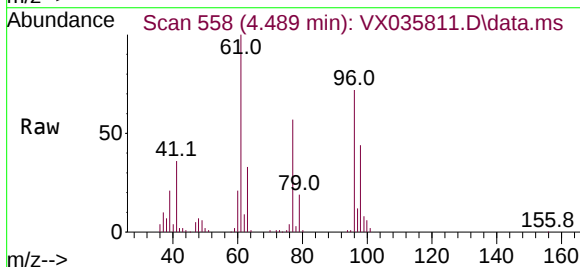
RT: 4.489 min Scan# 558

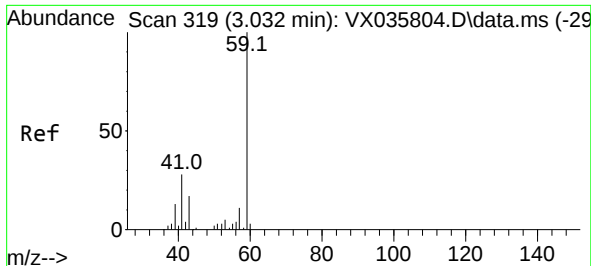
Delta R.T. 0.000 min

Lab File: VX035811.D

Acq: 23 May 2023 13:34

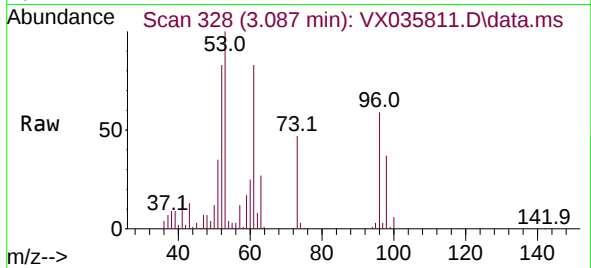
Tgt Ion: 96	Resp: 54349
Ion Ratio	Lower Upper
96 100	
61 150.9	121.7 182.5
98 64.4	52.2 78.2





#23
tert-Butyl Alcohol
Concen: 110.622 ug/l m
RT: 3.087 min Scan# 319
Delta R.T. 0.055 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

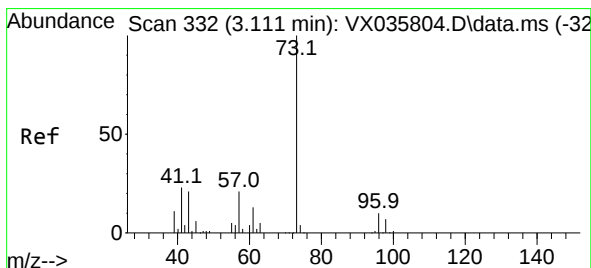
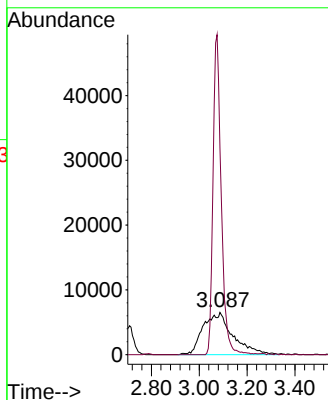
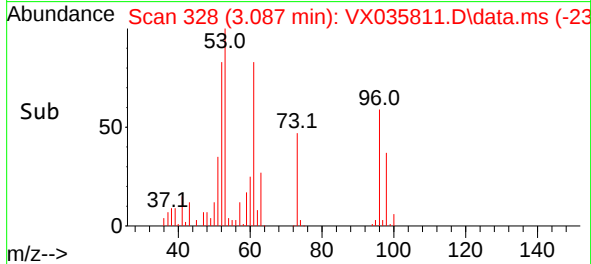
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01



Tgt Ion: 59 Resp: 56280
Ion Ratio Lower Upper
59 100
52 207.9 0.2 0.4

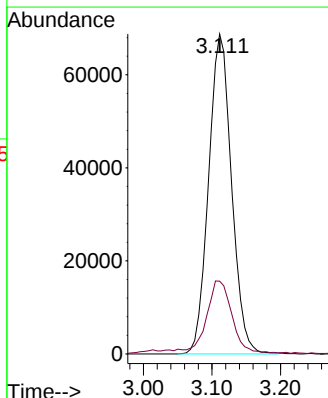
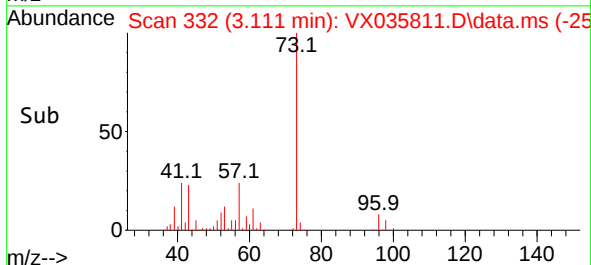
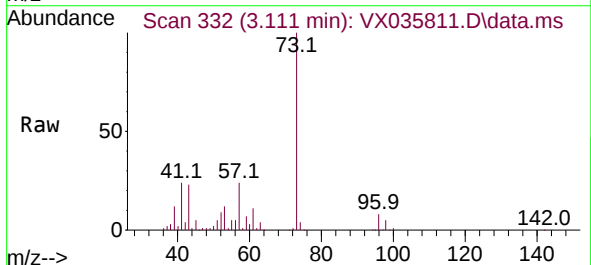
Manual Integrations
APPROVED

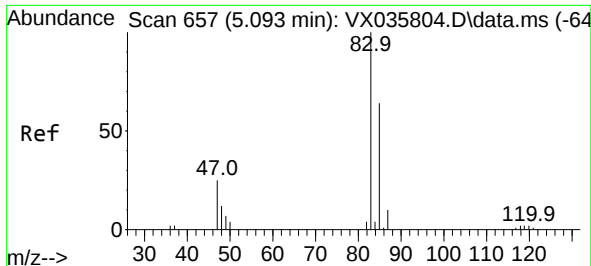
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#24
Methyl tert-Butyl Ether
Concen: 20.130 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

Tgt Ion: 73 Resp: 159653
Ion Ratio Lower Upper
73 100
43 25.1 17.9 26.9





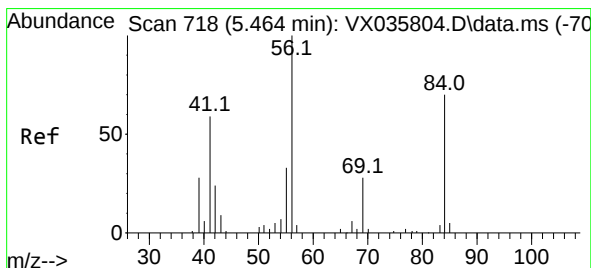
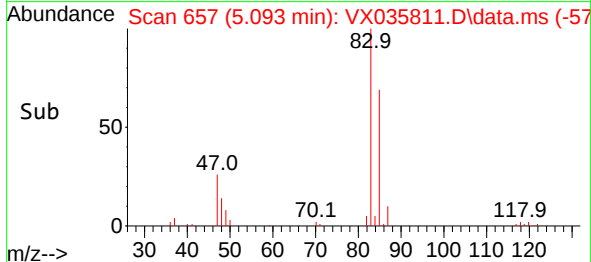
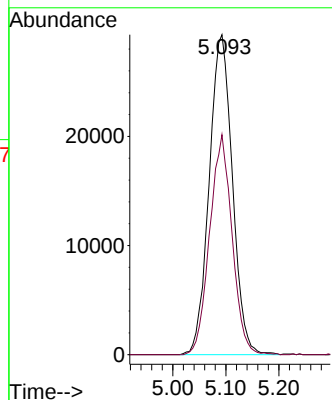
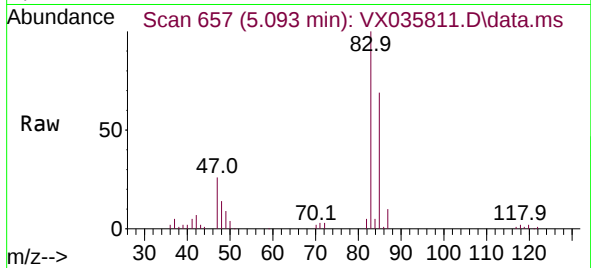
#25
Chloroform
Concen: 19.354 ug/l
RT: 5.093 min Scan# 611
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01

Tgt Ion: 83 Resp: 8921
Ion Ratio Lower Upper
83 100
85 68.8 51.2 76.8

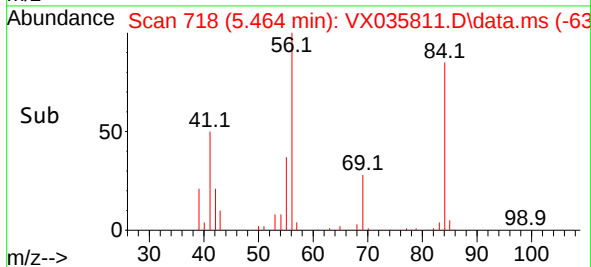
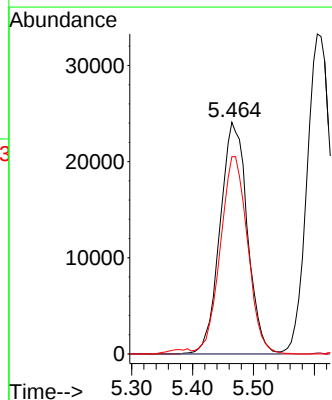
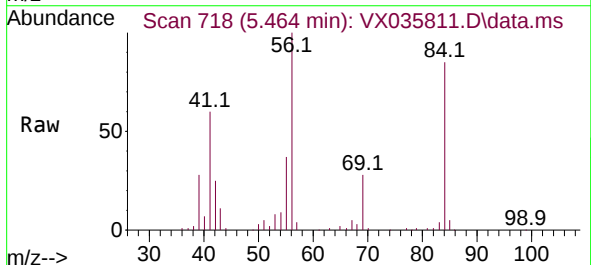
Manual Integrations
APPROVED

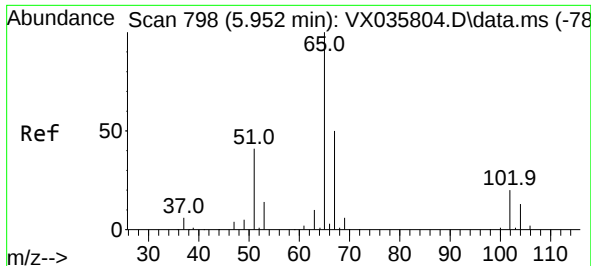
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#26
Cyclohexane
Concen: 22.084 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

Tgt Ion: 56 Resp: 75030
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.9 67.4 101.2





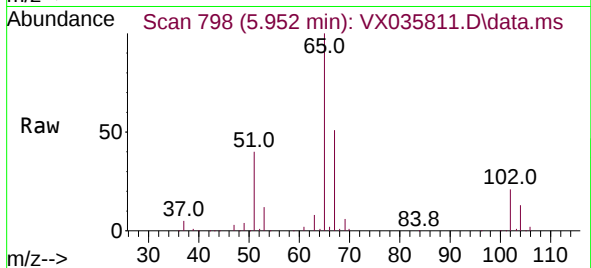
#27
1,2-Dichloroethane-d4
Concen: 29.240 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBSD01

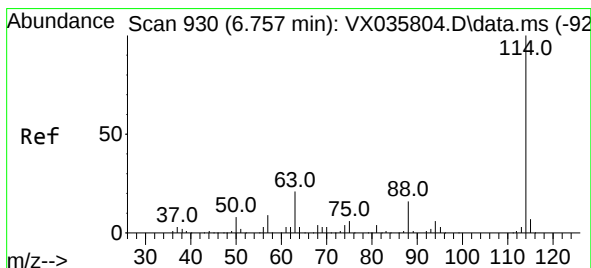
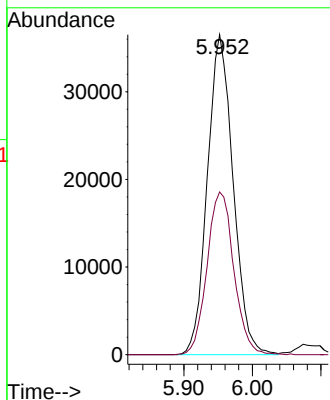
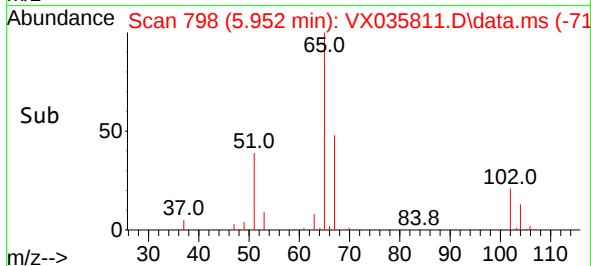


Tgt Ion: 65 Resp: 95375
Ion Ratio Lower Upper
65 100
67 52.9 40.9 61.3

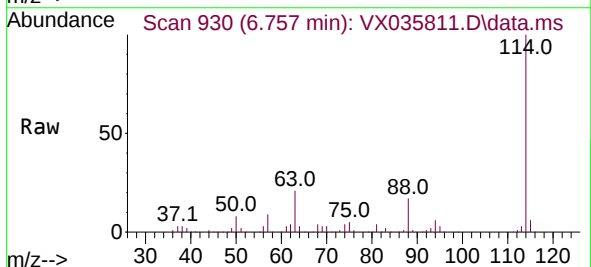
Manual Integrations

APPROVED

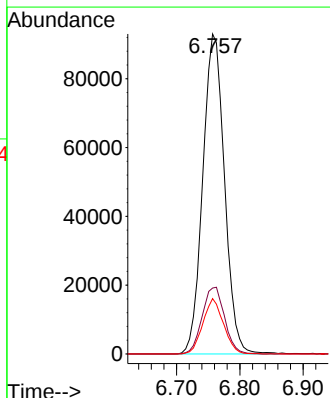
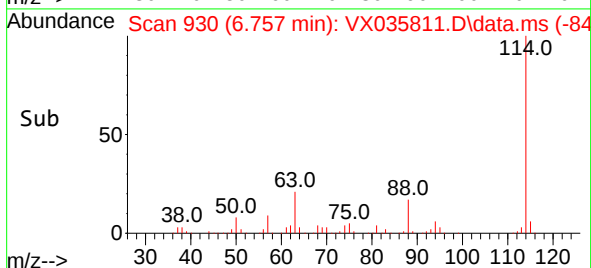
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

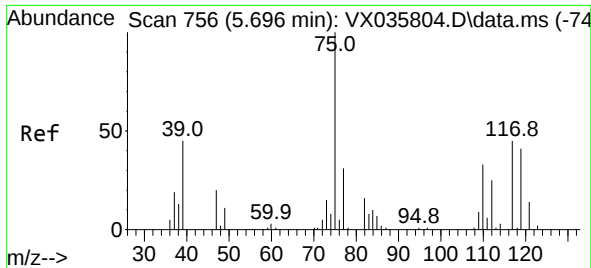


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34



Tgt Ion:114 Resp: 222420
Ion Ratio Lower Upper
114 100
63 21.5 18.0 27.0
88 16.4 13.3 19.9





#29

1,1-Dichloropropene

Concen: 20.252 ug/l

RT: 5.690 min Scan# 756

Delta R.T. -0.006 min

Lab File: VX035811.D

Acq: 23 May 2023 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBSD01

Tgt Ion: 75 Resp: 62725

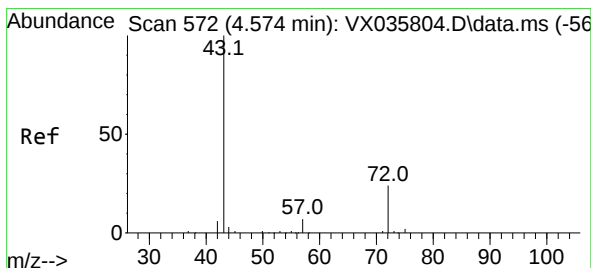
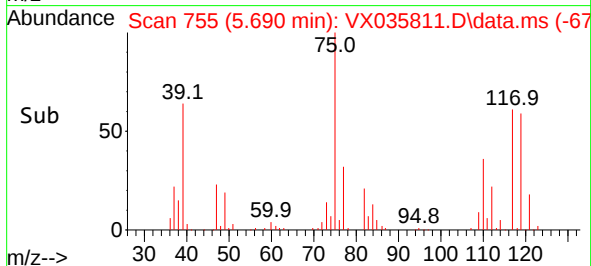
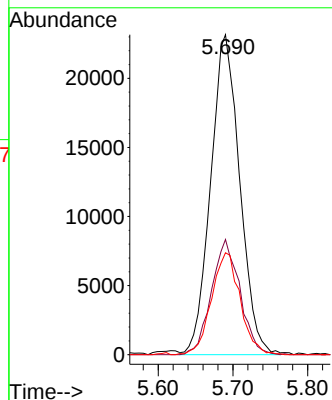
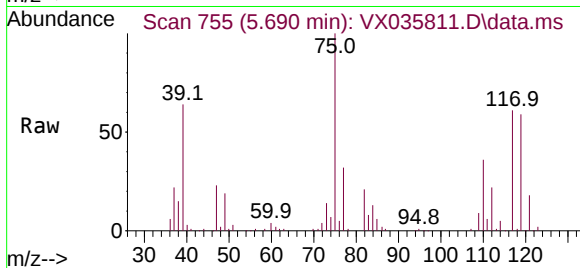
Ion	Ratio	Lower	Upper
75	100		
110	35.1	0.0	71.4
77	31.4	0.0	61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#30

2-Butanone

Concen: 103.175 ug/l

RT: 4.568 min Scan# 571

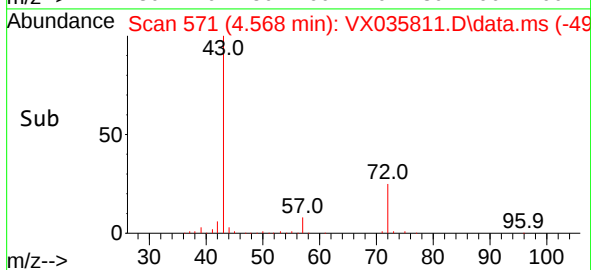
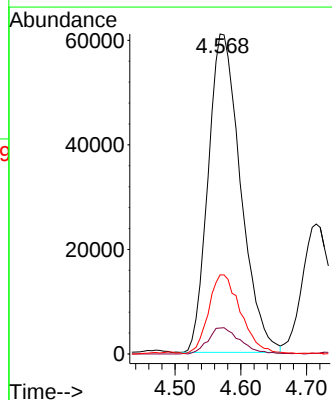
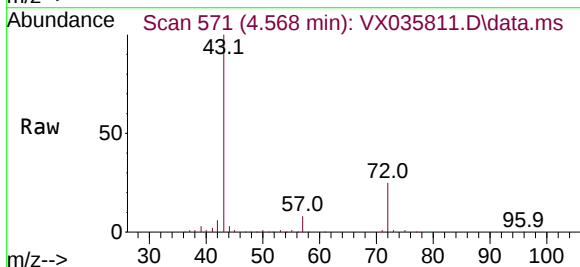
Delta R.T. -0.006 min

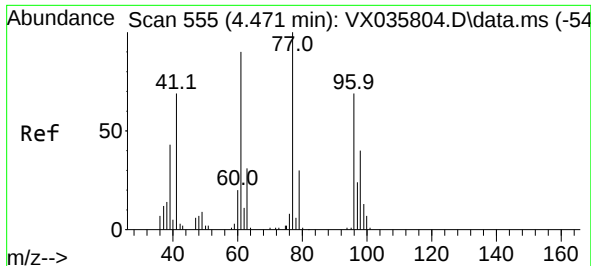
Lab File: VX035811.D

Acq: 23 May 2023 13:34

Tgt Ion: 43 Resp: 209189

Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.3	9.5
72	24.7	19.6	29.4





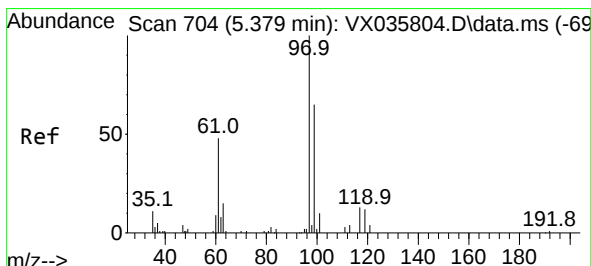
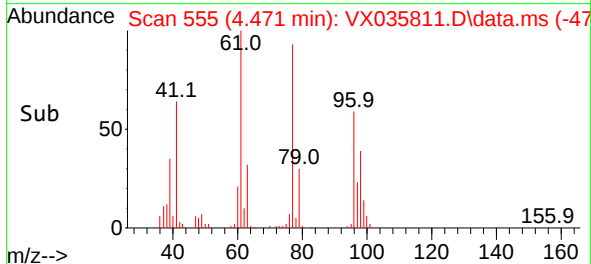
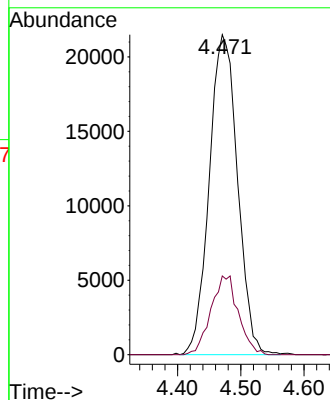
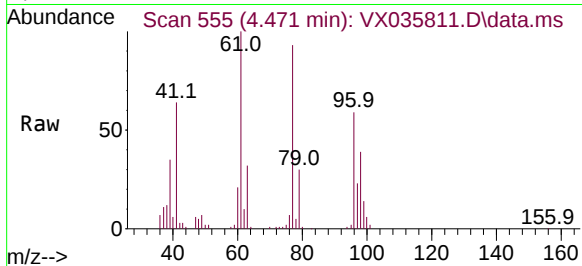
#31
2,2-Dichloropropane
Concen: 20.048 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01

Tgt Ion: 77 Resp: 6671
Ion Ratio Lower Upper
77 100
97 23.8 18.2 27.4

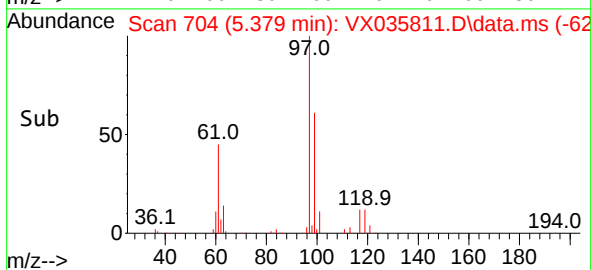
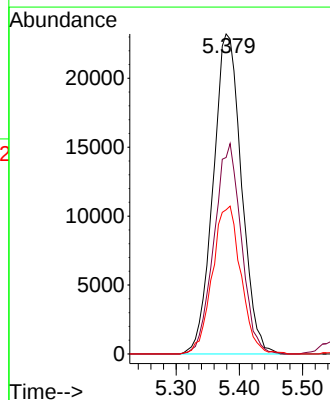
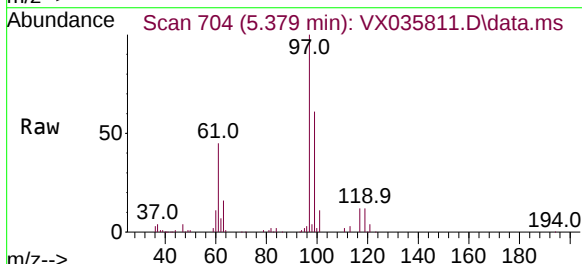
Manual Integrations
APPROVED

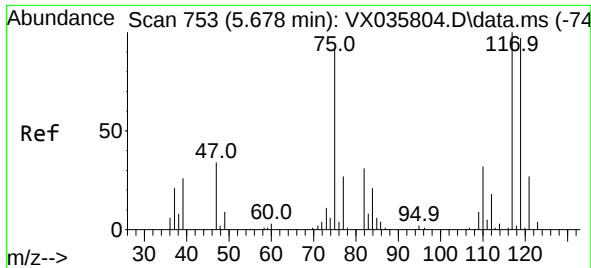
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#32
1,1,1-Trichloroethane
Concen: 19.943 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

Tgt Ion: 97 Resp: 72133
Ion Ratio Lower Upper
97 100
99 63.4 51.3 76.9
61 46.3 36.6 55.0





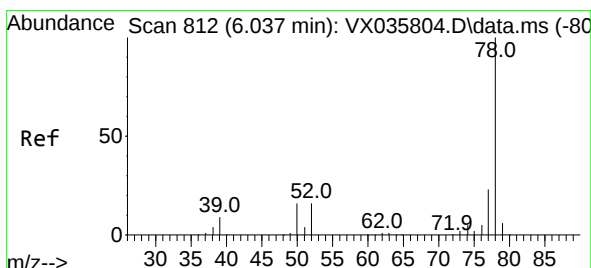
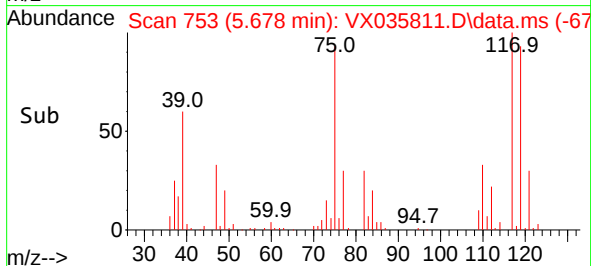
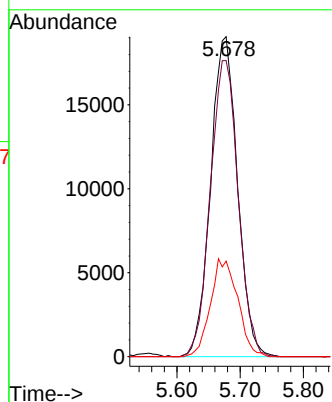
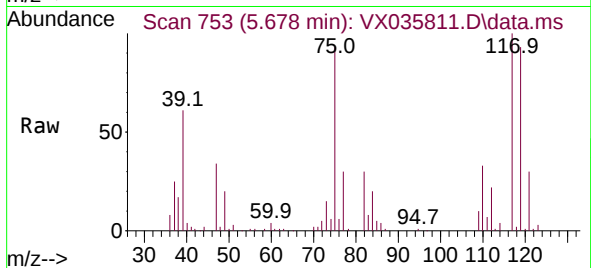
#33
Carbon Tetrachloride
Concen: 19.678 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01

Tgt Ion:117 Resp: 5620
Ion Ratio Lower Upper
117 100
119 92.6 73.3 109.9
121 29.8 24.0 36.0

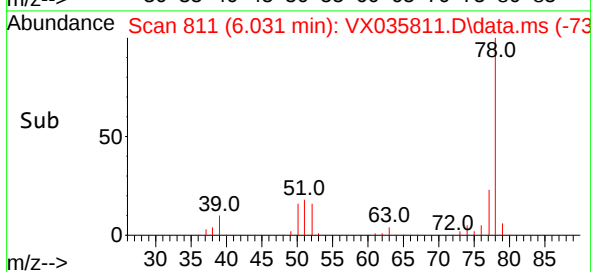
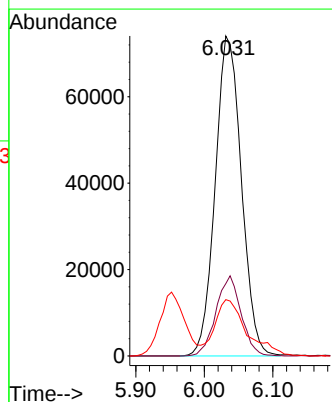
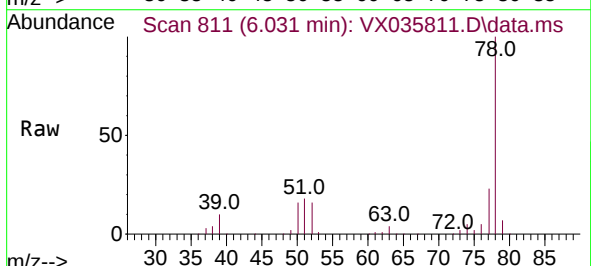
Manual Integrations
APPROVED

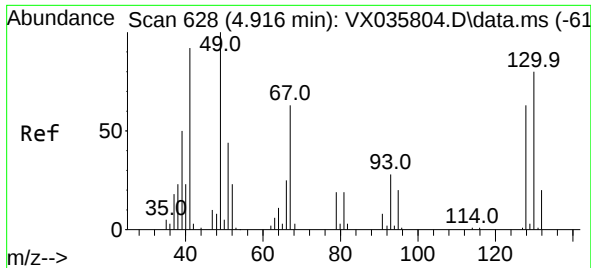
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#34
Benzene
Concen: 20.091 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

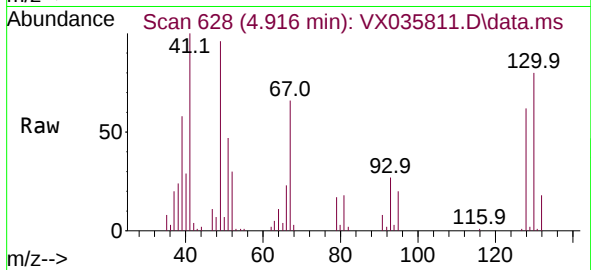
Tgt Ion: 78 Resp: 196313
Ion Ratio Lower Upper
78 100
77 22.6 19.0 28.4
51 16.2 14.6 21.8





#35
Methacrylonitrile
Concen: 19.385 ug/l
RT: 4.916 min Scan# 611
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

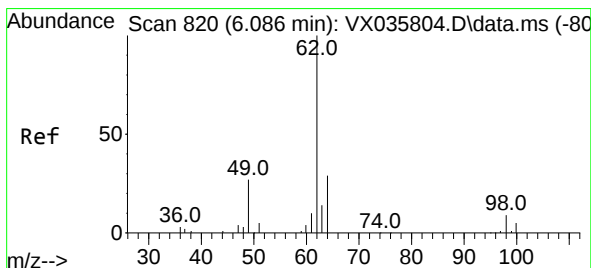
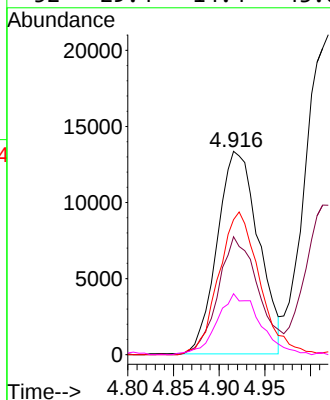
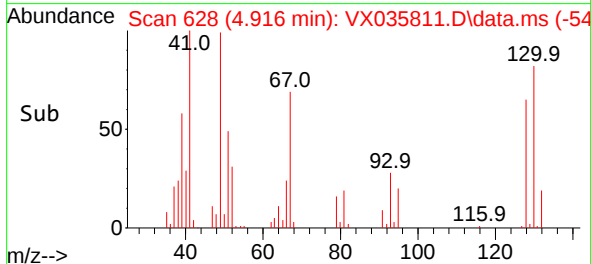
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01



Tgt Ion:	41	Resp:	4193
Ion Ratio	41	100	
Lower	39	58.2	28.0
Upper	67	66.7	31.6
	52	29.4	14.4
			43.0

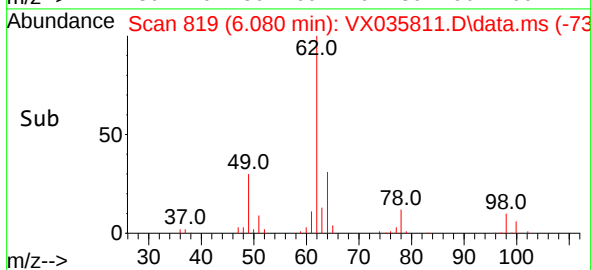
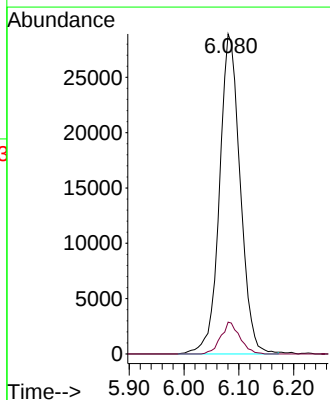
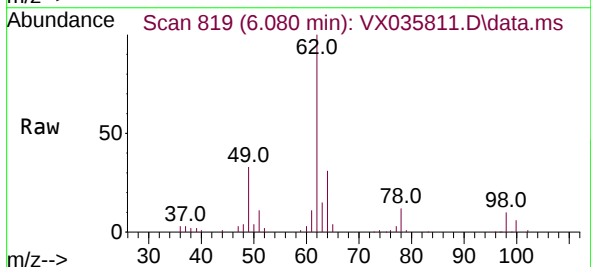
Manual Integrations
APPROVED

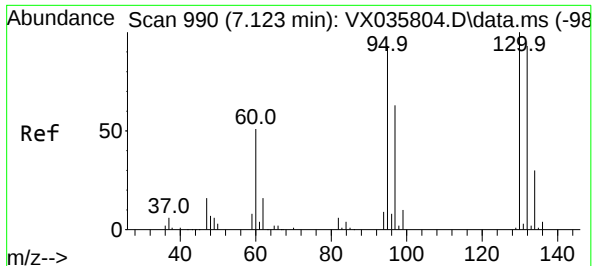
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#36
1,2-Dichloroethane
Concen: 19.999 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

Tgt Ion:	62	Resp:	76049
Ion Ratio	62	100	
Lower	98	9.1	7.0
Upper			10.6





#37

Trichloroethene

Concen: 19.741 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX035811.D

Acq: 23 May 2023 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBSD01

Tgt Ion:130 Resp: 48480

Ion Ratio Lower Upper

130 100

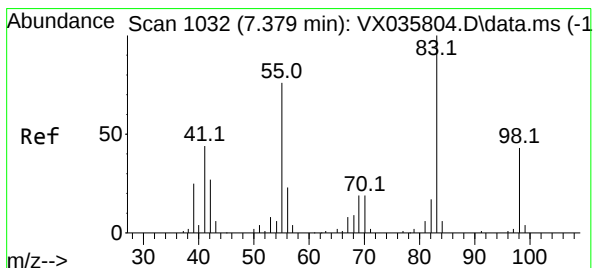
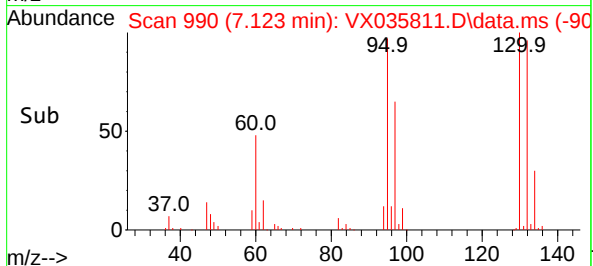
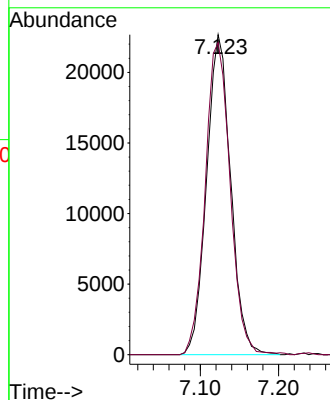
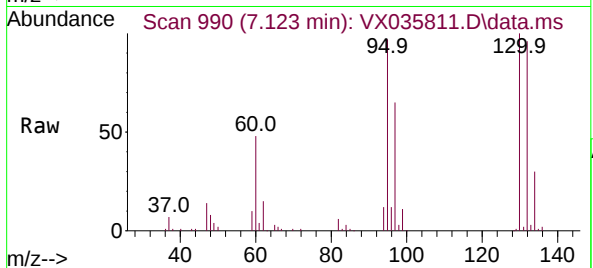
95 97.5 77.8 116.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#38

Methylcyclohexane

Concen: 23.135 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX035811.D

Acq: 23 May 2023 13:34

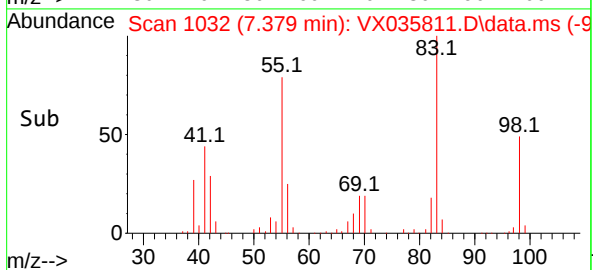
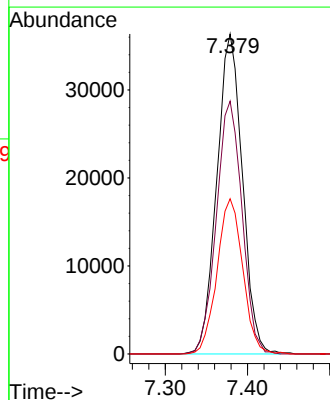
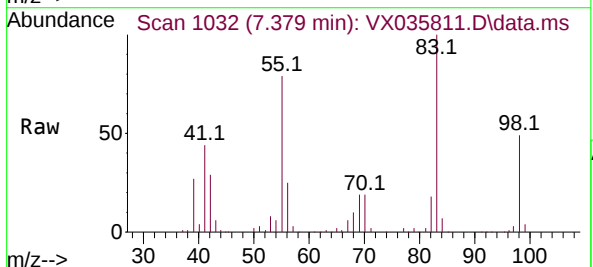
Tgt Ion: 83 Resp: 78583

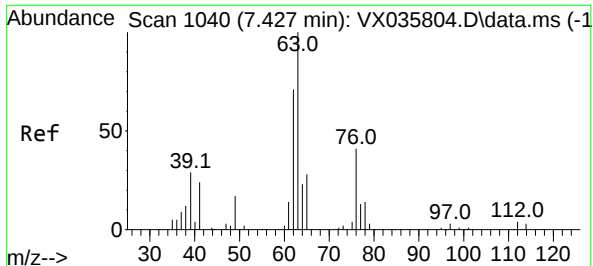
Ion Ratio Lower Upper

83 100

55 79.3 38.8 116.4

98 48.7 23.8 71.2





#39

1,2-Dichloropropane

Concen: 19.804 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035811.D

Acq: 23 May 2023 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBSD01

Tgt Ion: 63 Resp: 5208

Ion Ratio Lower Upper

63 100

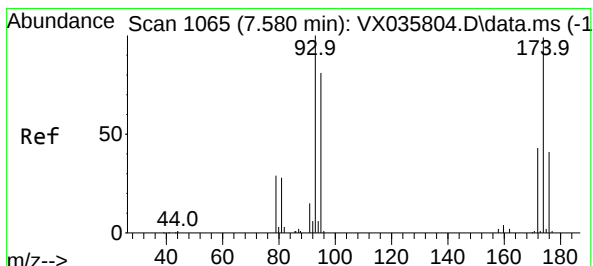
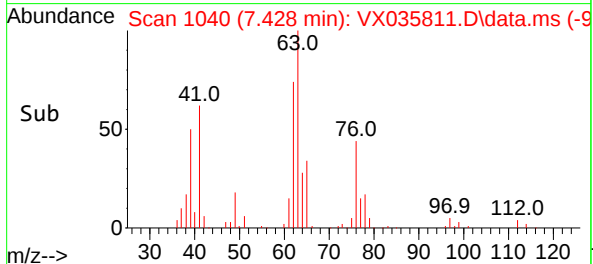
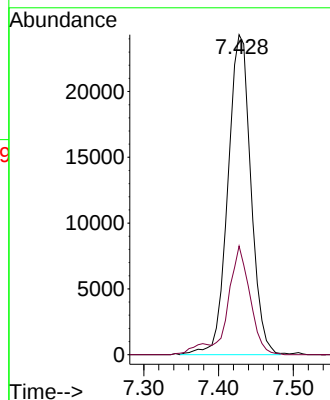
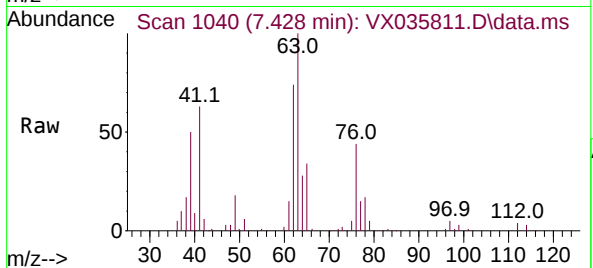
65 33.7 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#40

Dibromomethane

Concen: 19.629 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX035811.D

Acq: 23 May 2023 13:34

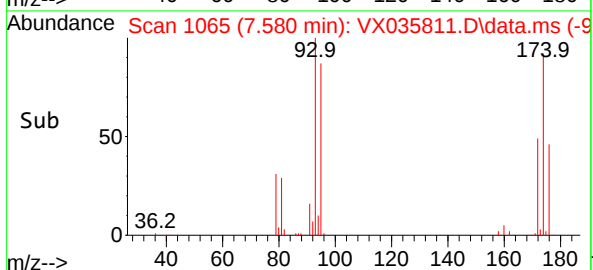
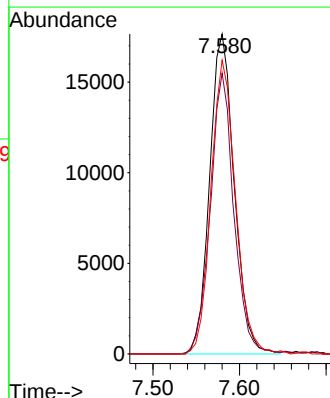
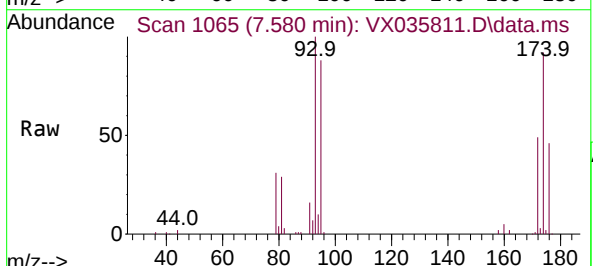
Tgt Ion: 93 Resp: 34916

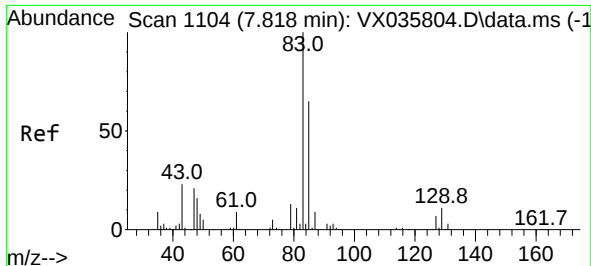
Ion Ratio Lower Upper

93 100

95 83.7 0.0 165.8

174 91.0 0.0 188.8





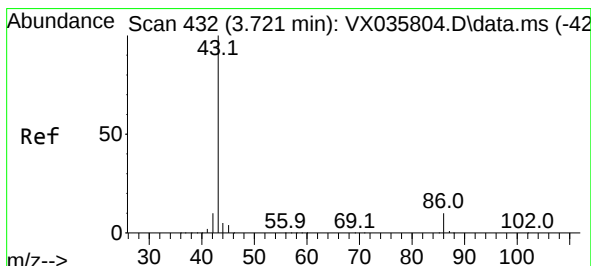
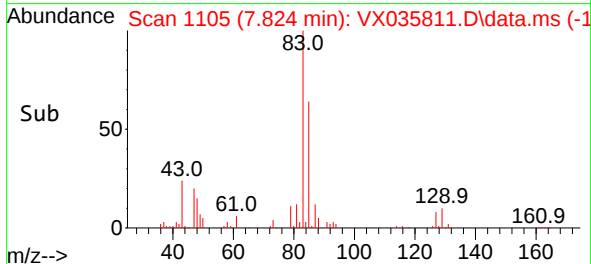
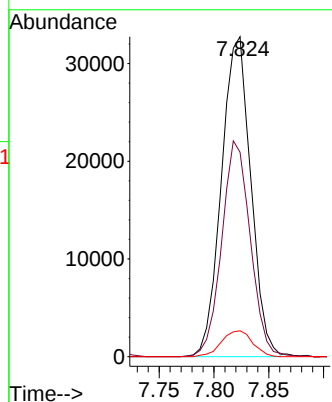
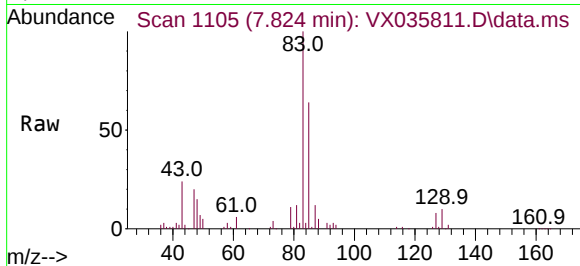
#41
Bromodichloromethane
Concen: 18.964 ug/l
RT: 7.824 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01

Tgt Ion: 83 Resp: 6098
Ion Ratio Lower Upper
83 100
85 63.9 51.1 76.7
127 8.1 8.2 12.4

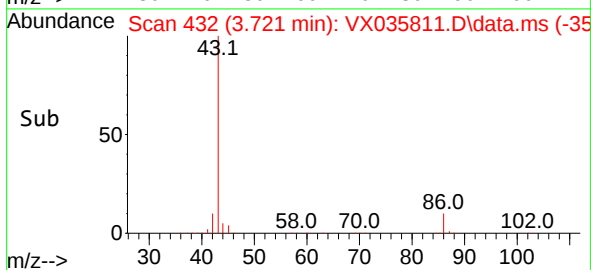
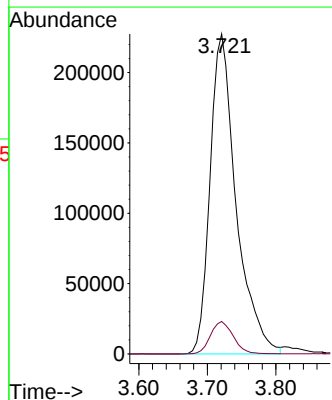
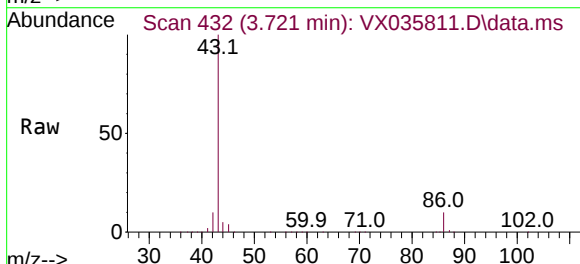
Manual Integrations
APPROVED

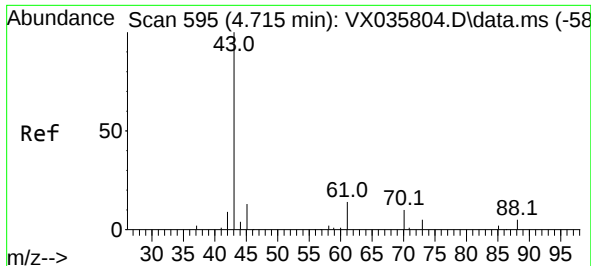
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#42
Vinyl Acetate
Concen: 100.961 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

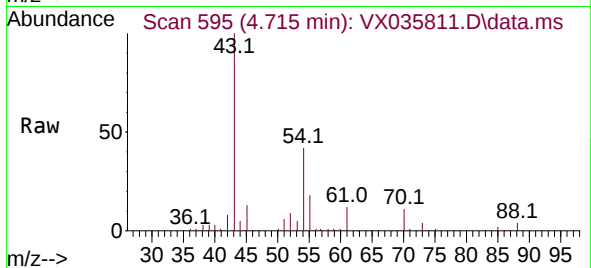
Tgt Ion: 43 Resp: 601276
Ion Ratio Lower Upper
43 100
86 8.9 6.9 10.3





#43
Ethyl Acetate
Concen: 20.561 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

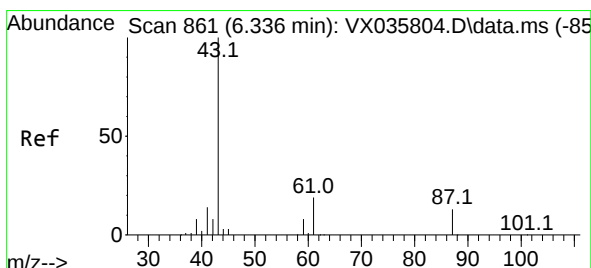
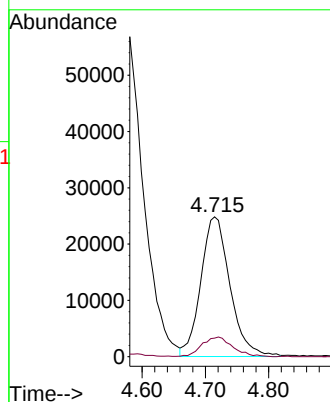
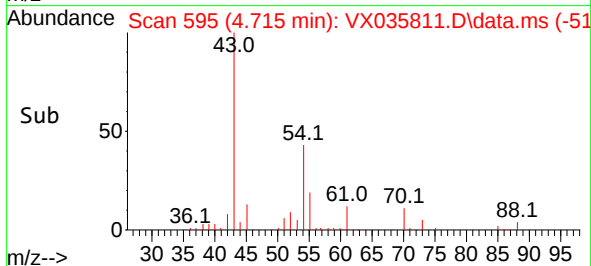
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01



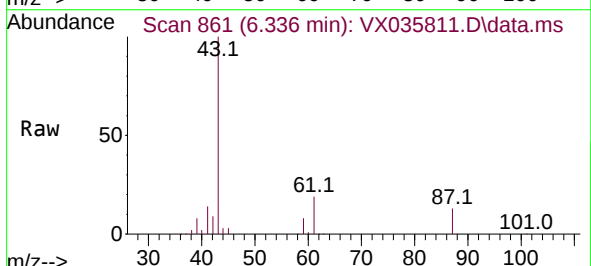
Tgt Ion: 43 Resp: 79504
Ion Ratio Lower Upper
43 100
45 14.1 12.0 18.0

Manual Integrations
APPROVED

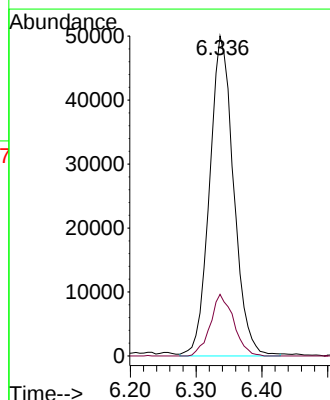
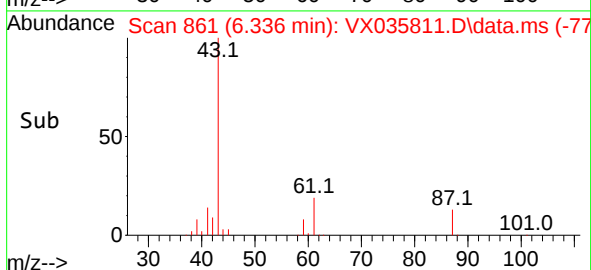
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

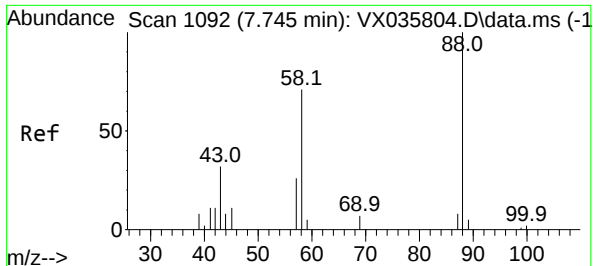


#44
Isopropyl Acetate
Concen: 20.279 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34



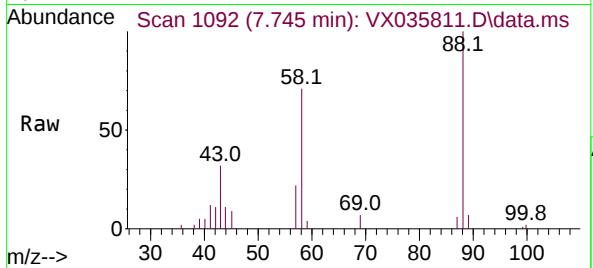
Tgt Ion: 43 Resp: 127818
Ion Ratio Lower Upper
43 100
61 18.6 15.4 23.0





#45
1,4-Dioxane
Concen: 430.300 ug/l m
RT: 7.745 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

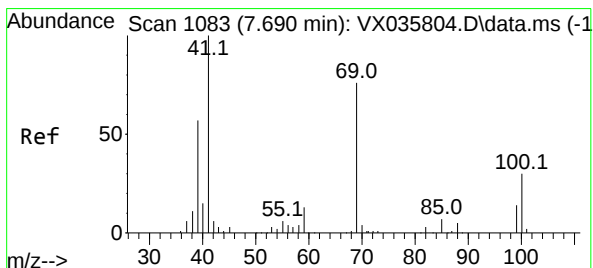
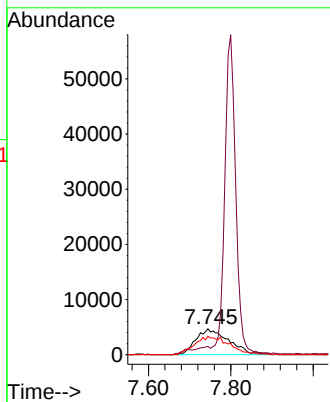
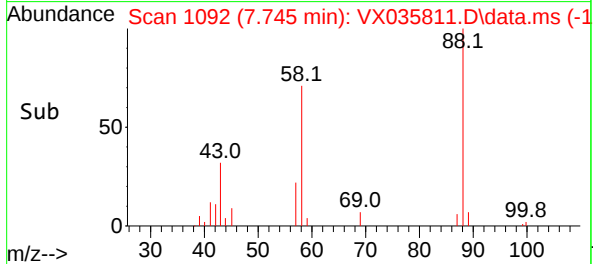
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01



Tgt Ion: 88 Resp: 25760
Ion Ratio Lower Upper
88 100
43 12.0 26.5 39.7
58 26.3 55.6 83.4

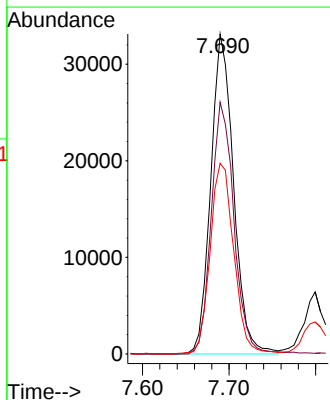
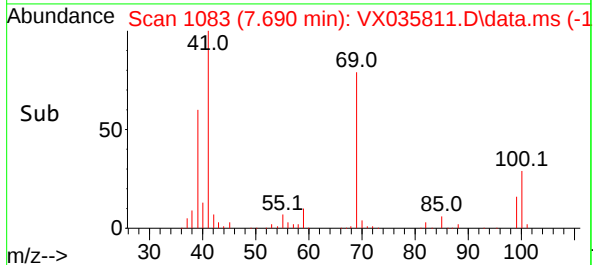
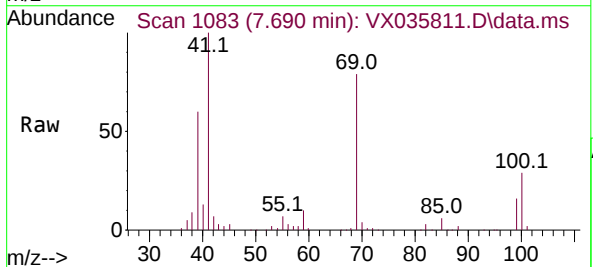
Manual Integrations
APPROVED

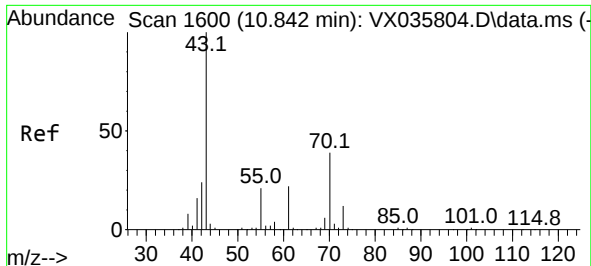
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#46
Methyl methacrylate
Concen: 19.877 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

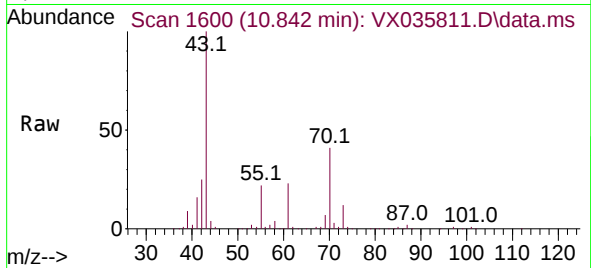
Tgt Ion: 41 Resp: 60535
Ion Ratio Lower Upper
41 100
69 78.7 38.1 114.5
39 59.4 31.4 94.3





#47
n-amyl acetate
Concen: 20.008 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

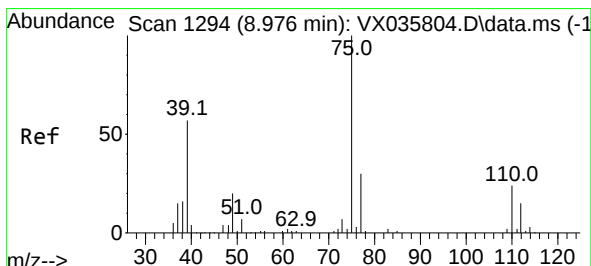
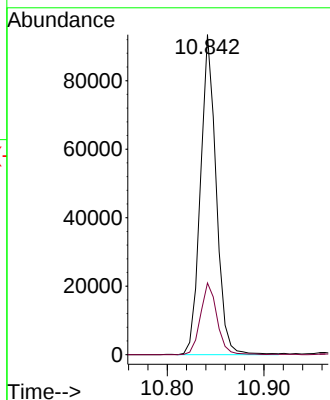
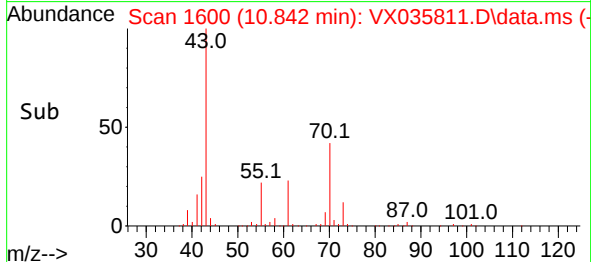
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01



Tgt Ion: 43 Resp: 105927
Ion Ratio Lower Upper
43 100
55 23.5 18.6 28.0

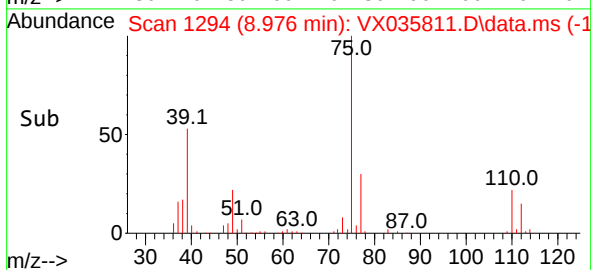
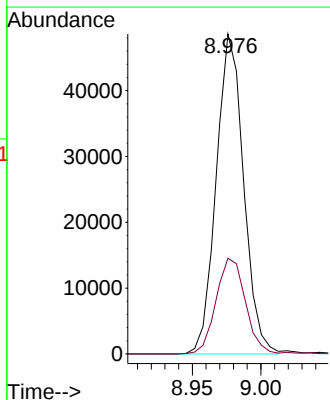
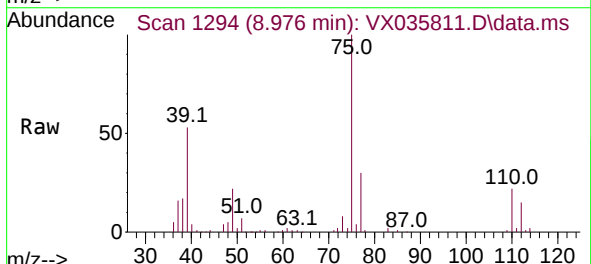
Manual Integrations
APPROVED

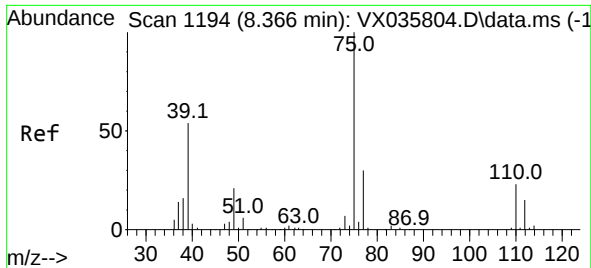
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#48
t-1,3-Dichloropropene
Concen: 18.957 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

Tgt Ion: 75 Resp: 67442
Ion Ratio Lower Upper
75 100
77 29.9 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 19.574 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035811.D

Acq: 23 May 2023 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBSD01

Tgt Ion: 75 Resp: 7684

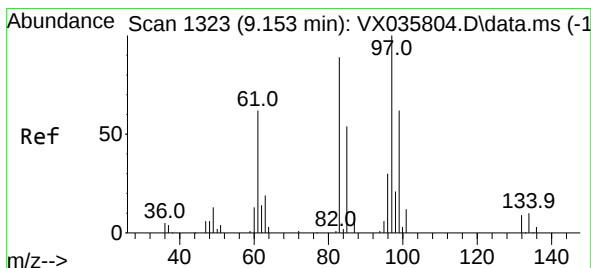
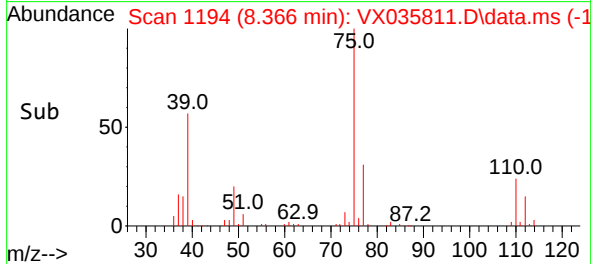
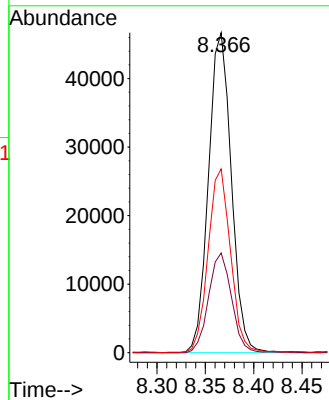
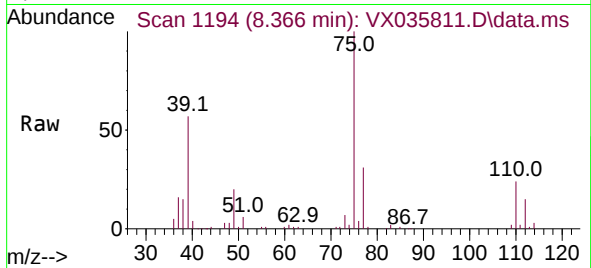
Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.6	37.0
39	57.3	44.2	66.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#50

1,1,2-Trichloroethane

Concen: 20.185 ug/l

RT: 9.153 min Scan# 1323

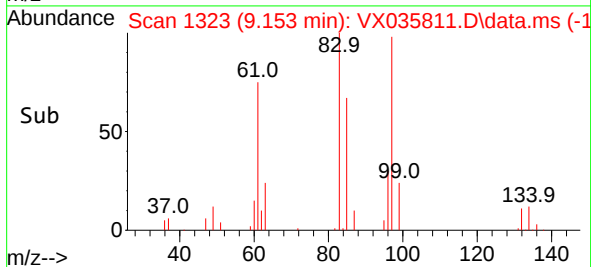
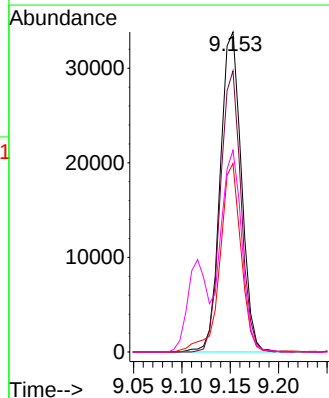
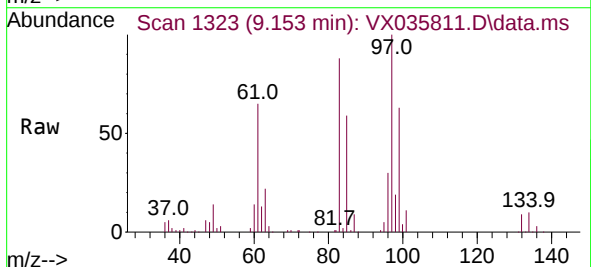
Delta R.T. 0.000 min

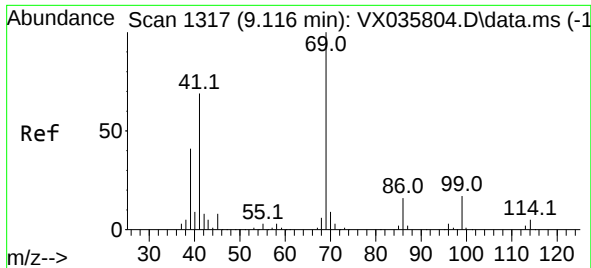
Lab File: VX035811.D

Acq: 23 May 2023 13:34

Tgt Ion: 97 Resp: 51369

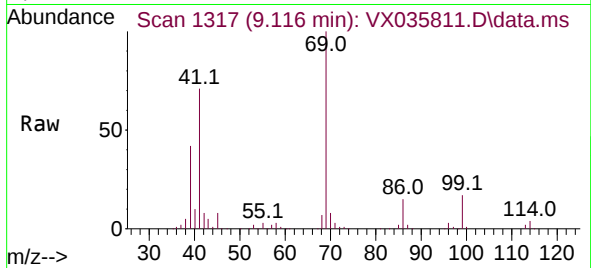
Ion	Ratio	Lower	Upper
97	100		
83	87.9	68.9	103.3
85	58.7	44.0	66.0
99	63.0	49.0	73.4





#51
Ethyl methacrylate
Concen: 19.883 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

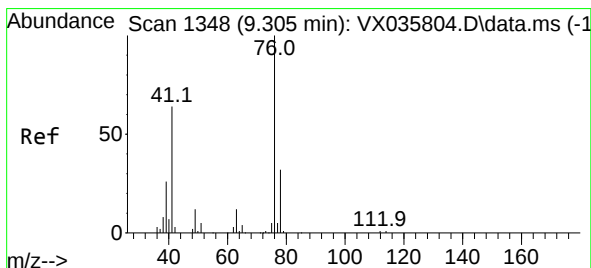
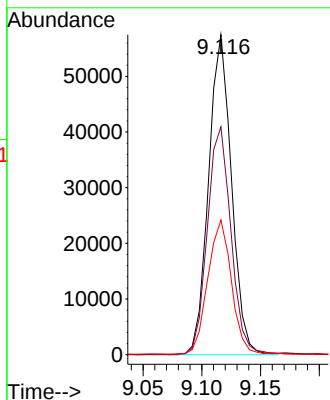
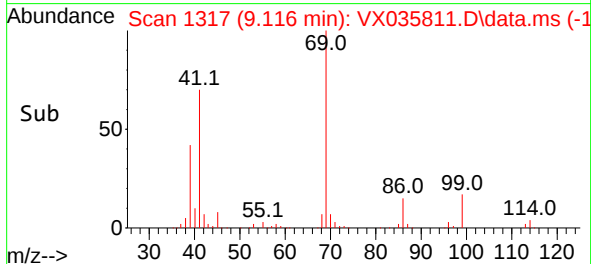
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01



Tgt Ion: 69 Resp: 77999
Ion Ratio Lower Upper
69 100
41 70.9 36.2 108.6
39 41.9 21.2 63.6

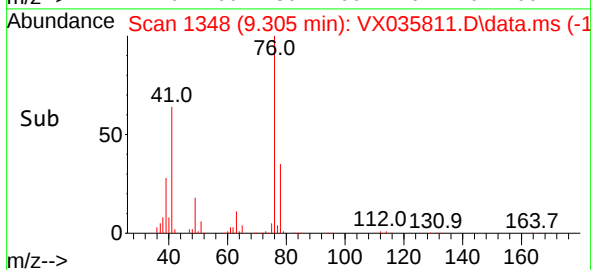
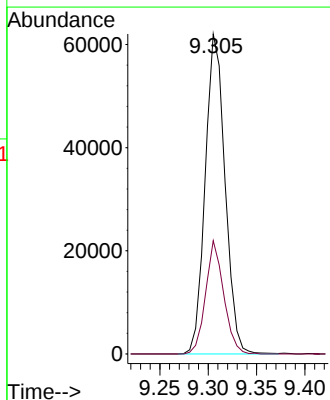
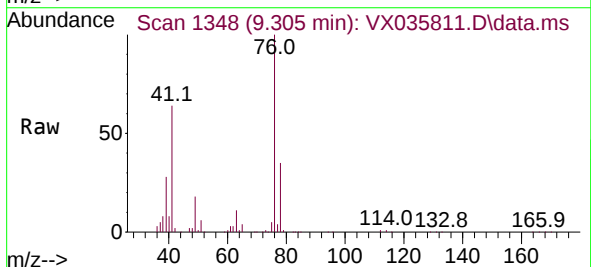
Manual Integrations
APPROVED

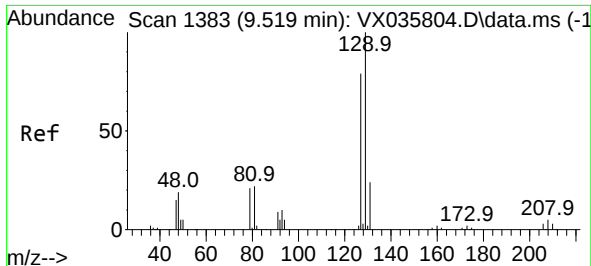
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#52
1,3-Dichloropropane
Concen: 19.987 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

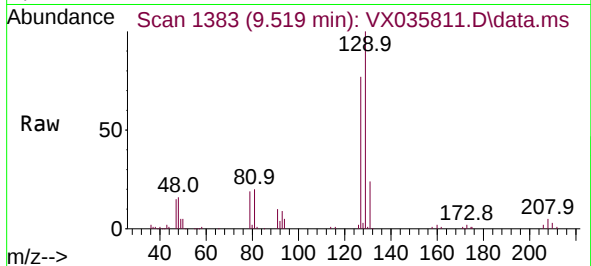
Tgt Ion: 76 Resp: 88639
Ion Ratio Lower Upper
76 100
78 32.3 0.0 63.8





#53
Dibromochloromethane
Concen: 19.092 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

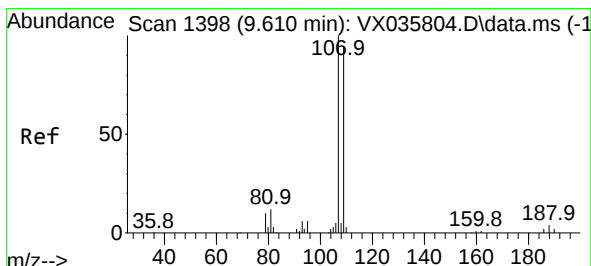
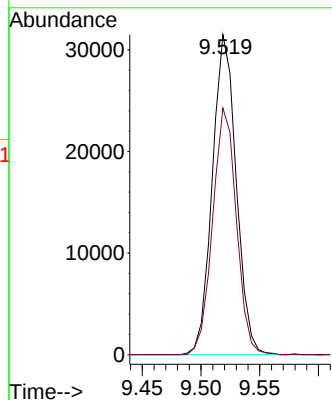
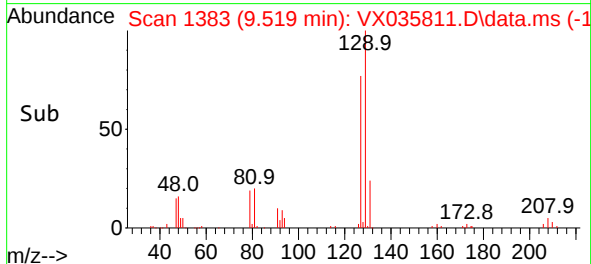
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01



Tgt Ion:129 Resp: 44558
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.5

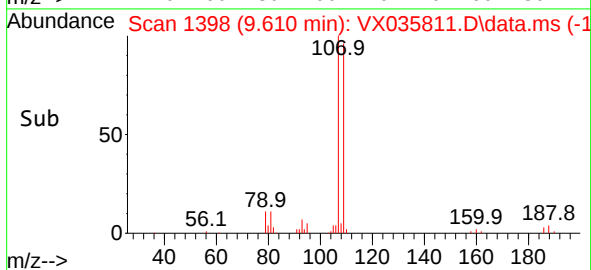
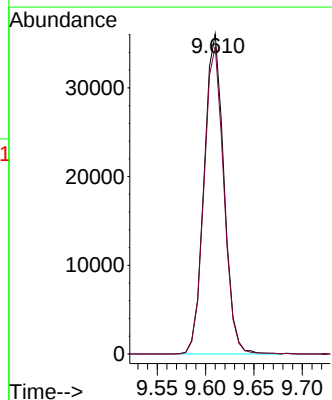
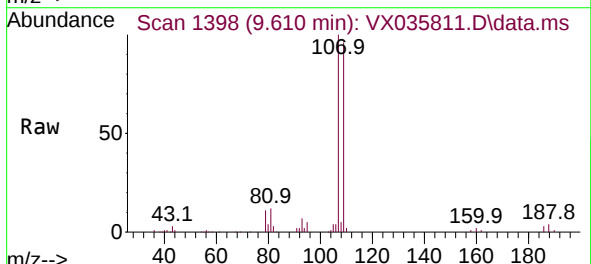
Manual Integrations
APPROVED

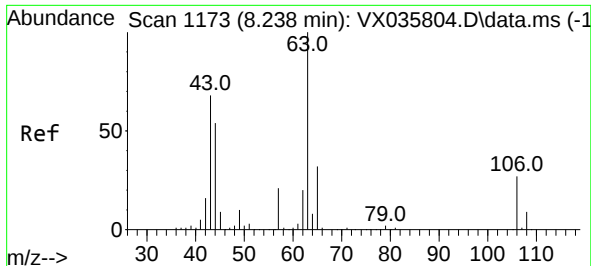
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#54
1,2-Dibromoethane
Concen: 19.476 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

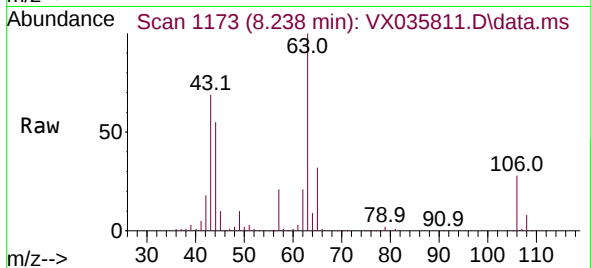
Tgt Ion:107 Resp: 51494
Ion Ratio Lower Upper
107 100
109 95.7 75.4 113.2





#55
2-Chloroethyl vinyl ether
Concen: 98.664 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

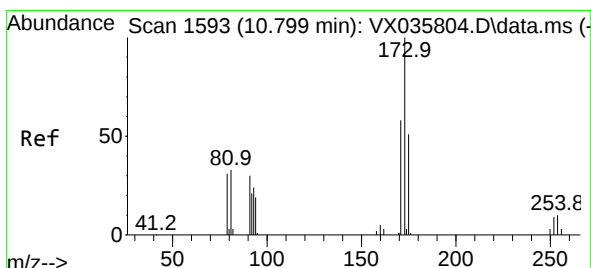
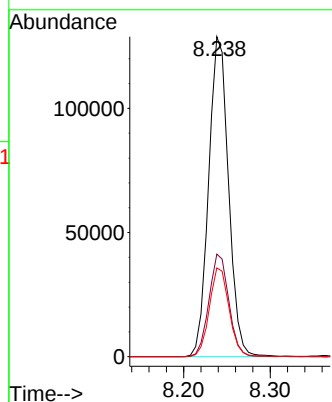
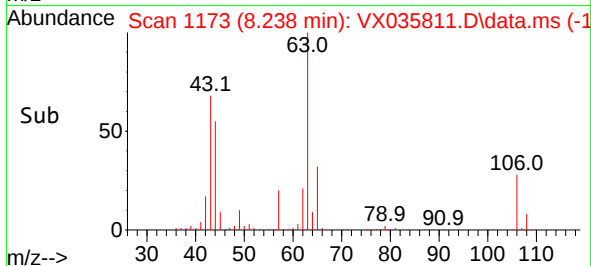
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01



Tgt Ion: 63 Resp: 205400
Ion Ratio Lower Upper
63 100
65 31.9 25.4 38.2
106 27.4 21.6 32.4

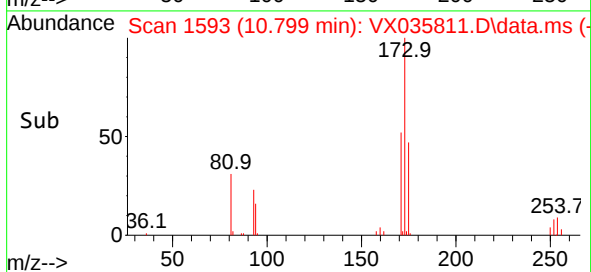
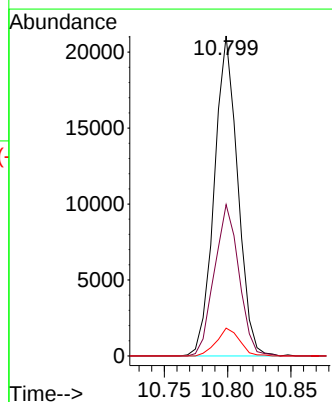
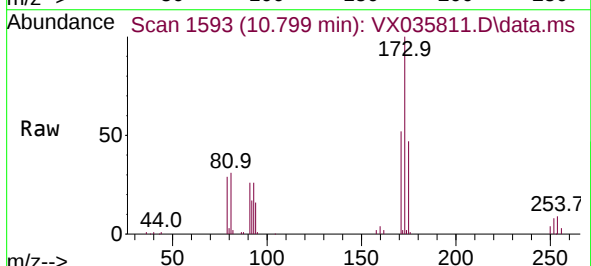
Manual Integrations
APPROVED

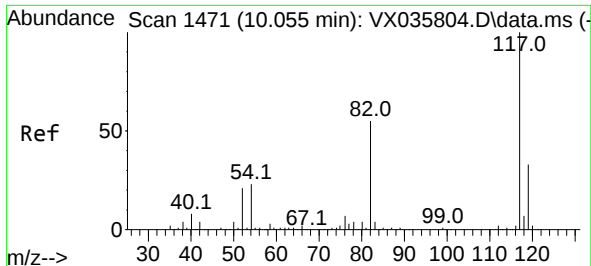
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#56
Bromoform
Concen: 17.915 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

Tgt Ion:173 Resp: 27104
Ion Ratio Lower Upper
173 100
175 49.6 37.0 55.4
254 8.6 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: VX035811.D

Acq: 23 May 2023 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBSD01

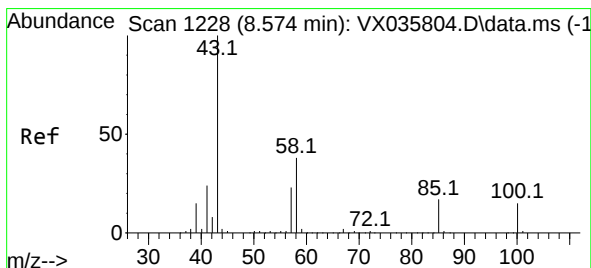
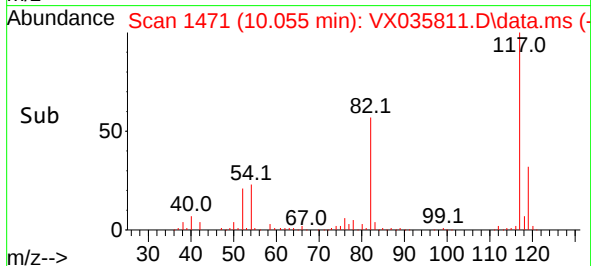
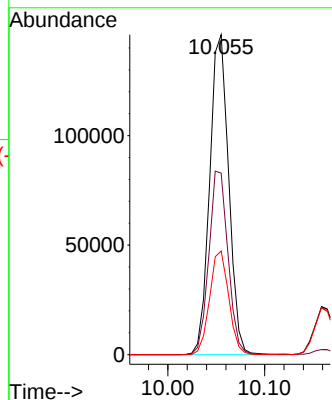
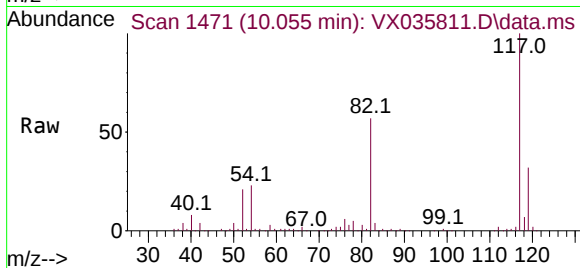
Tgt Ion:117 Resp: 199820
 Ion Ratio Lower Upper
 117 100
 82 57.9 45.8 68.8
 119 32.5 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#58

4-Methyl-2-Pentanone

Concen: 102.979 ug/l

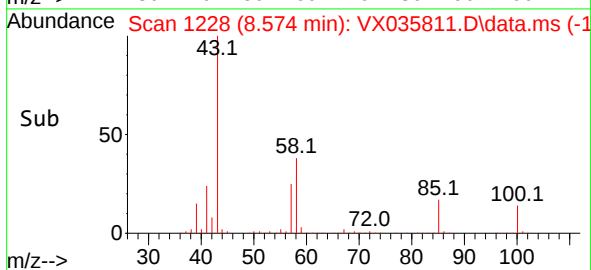
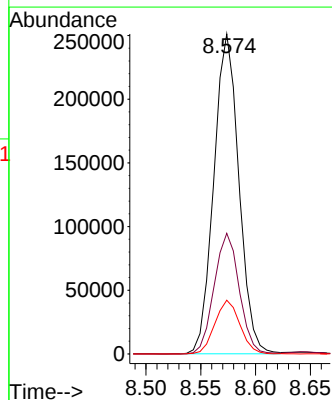
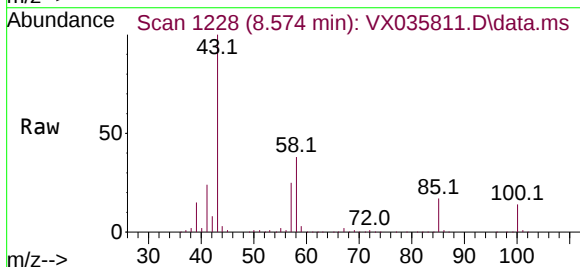
RT: 8.574 min Scan# 1228

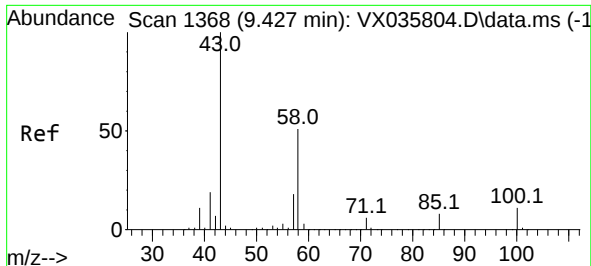
Delta R.T. 0.000 min

Lab File: VX035811.D

Acq: 23 May 2023 13:34

Tgt Ion: 43 Resp: 399687
 Ion Ratio Lower Upper
 43 100
 58 37.8 29.9 44.9
 85 16.8 13.2 19.8





#59

2-Hexanone

Concen: 104.672 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX035811.D

Acq: 23 May 2023 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBSD01

Tgt Ion: 43 Resp: 30568

Ion Ratio Lower Upper

43 100

58 51.6 41.7 62.5

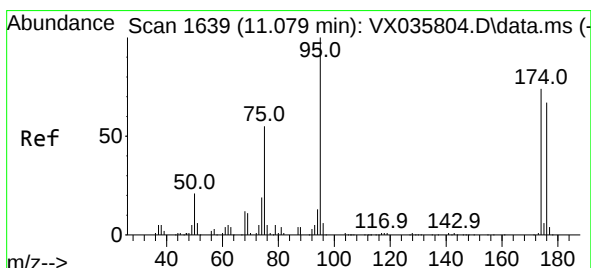
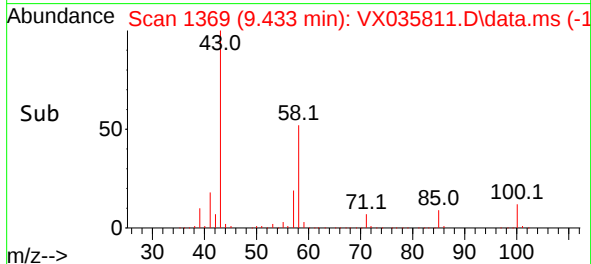
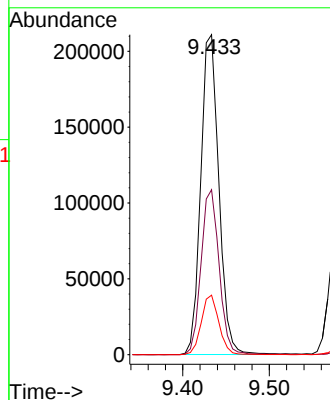
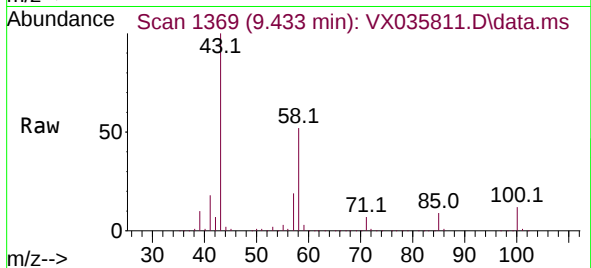
57 18.2 14.7 22.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#60

4-Bromofluorobenzene

Concen: 29.562 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035811.D

Acq: 23 May 2023 13:34

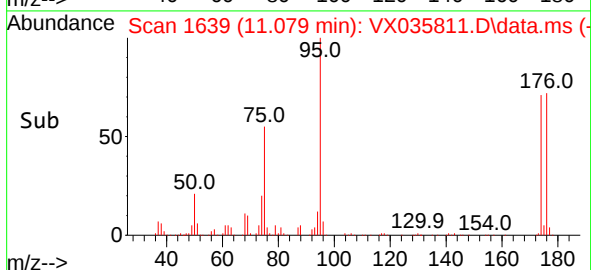
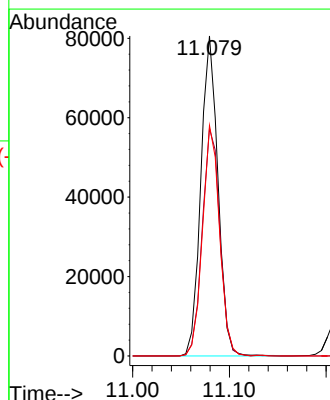
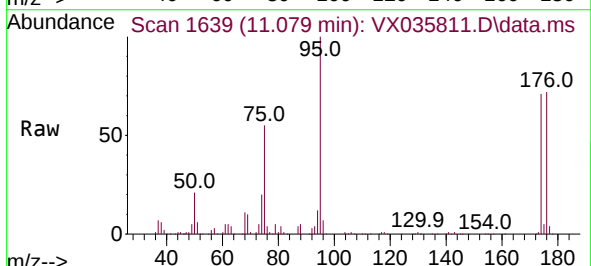
Tgt Ion: 95 Resp: 99118

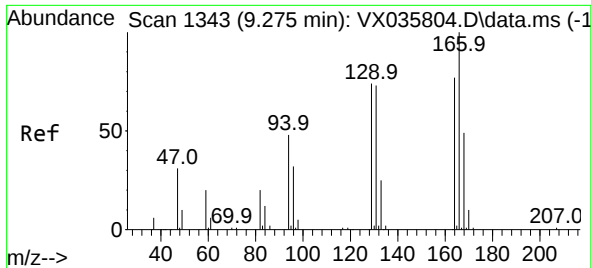
Ion Ratio Lower Upper

95 100

174 73.2 0.2 0.4#

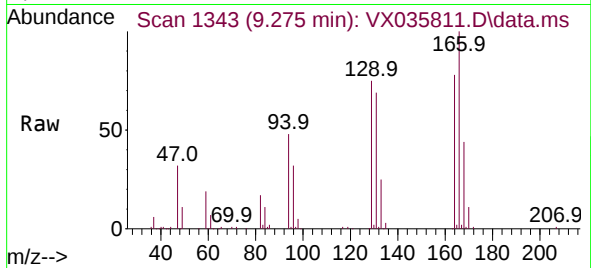
176 71.8 0.2 0.2#





#61
Tetrachloroethene
Concen: 20.812 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

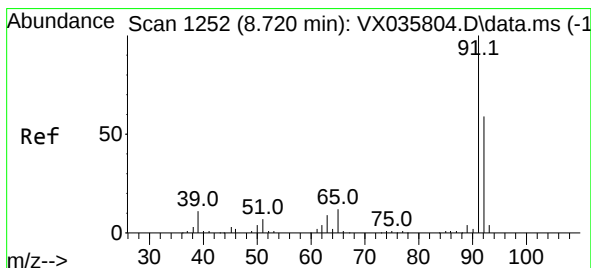
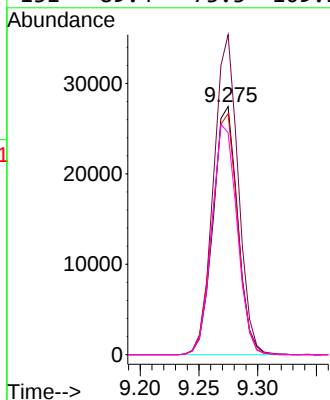
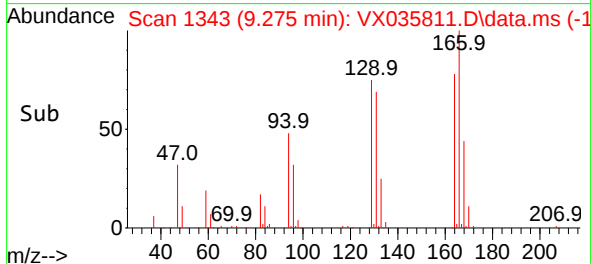
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01



Tgt Ion:164 Resp: 40050
Ion Ratio Lower Upper
164 100
166 129.0 100.1 150.1
129 97.1 79.1 118.7
131 89.4 73.3 109.9

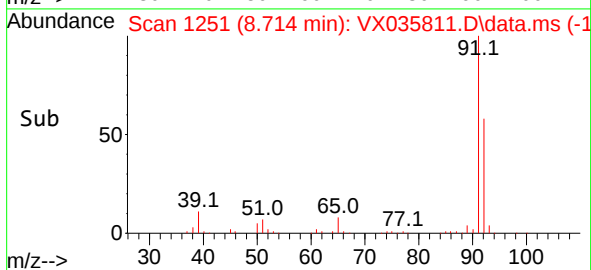
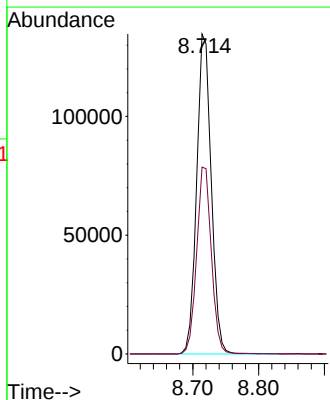
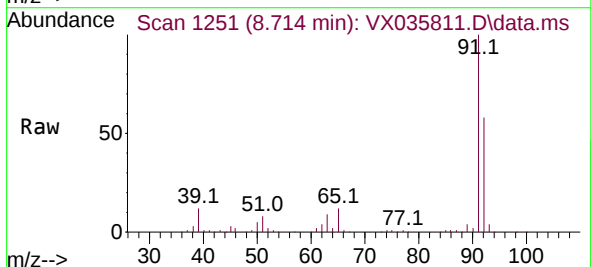
Manual Integrations
APPROVED

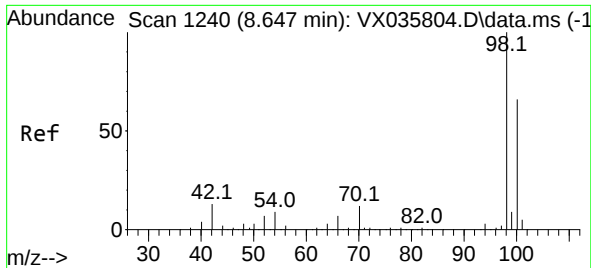
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#62
Toluene
Concen: 20.142 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

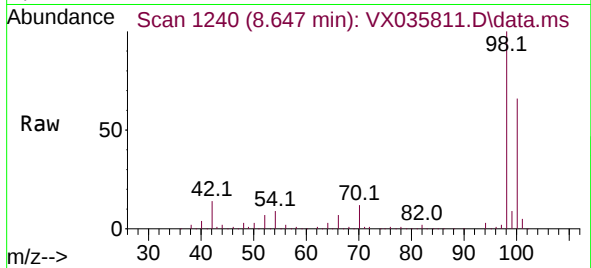
Tgt Ion: 91 Resp: 207263
Ion Ratio Lower Upper
91 100
92 58.9 46.5 69.7





#63
Toluene-d8
Concen: 30.528 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

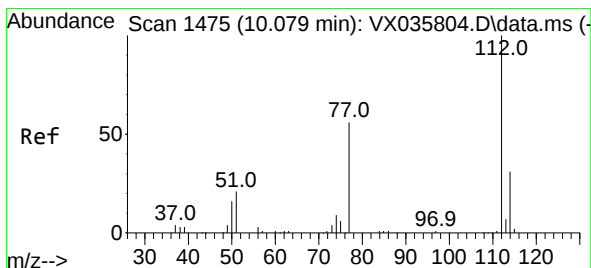
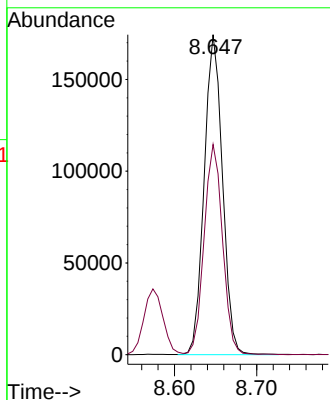
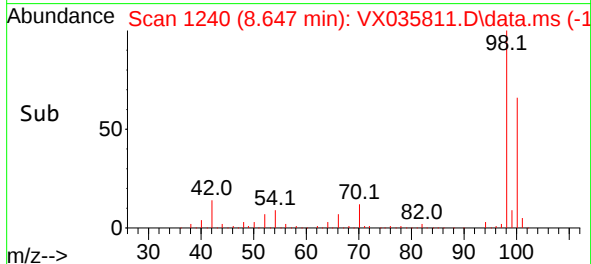
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01



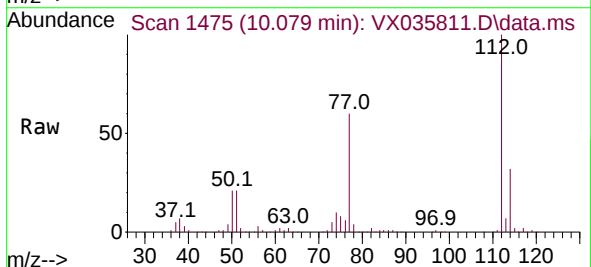
Tgt Ion: 98 Resp: 269674
Ion Ratio Lower Upper
98 100
100 66.0 52.1 78.1

Manual Integrations
APPROVED

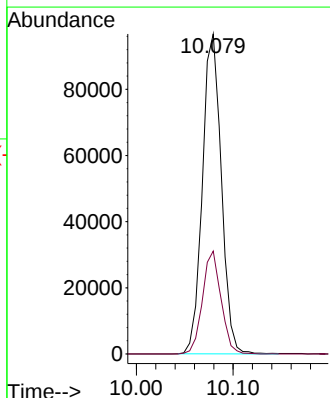
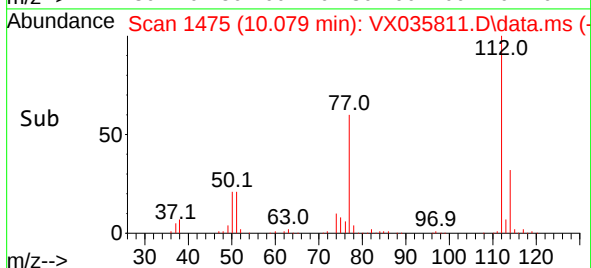
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

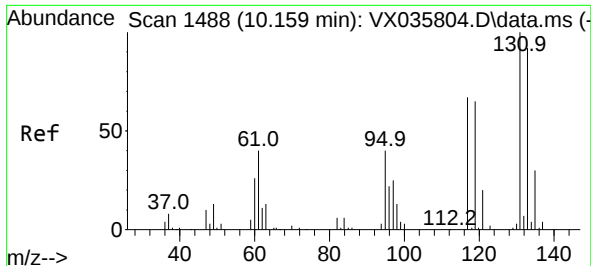


#64
Chlorobenzene
Concen: 20.177 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34



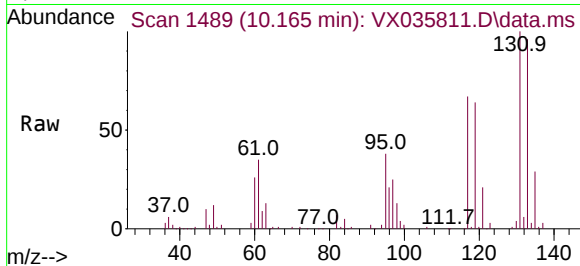
Tgt Ion:112 Resp: 131496
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8





#65
1,1,1,2-Tetrachloroethane
Concen: 19.286 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

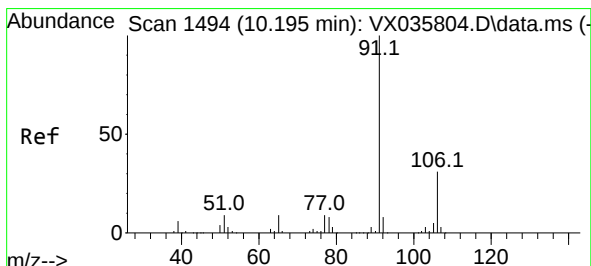
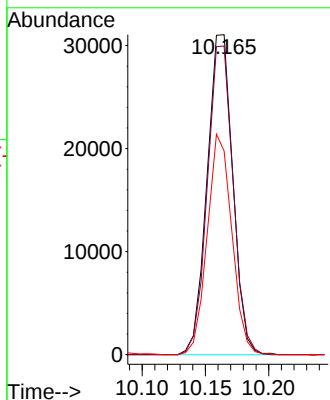
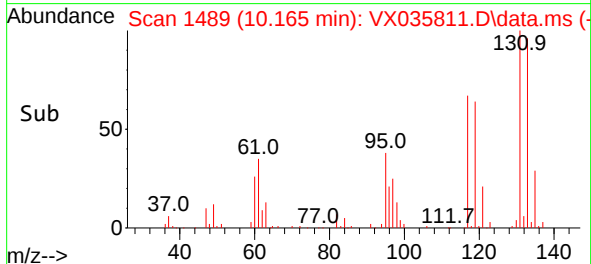
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01



Tgt Ion:131 Resp: 43940
Ion Ratio Lower Upper
131 100
133 96.5 0.0 186.6
119 66.0 0.0 128.6

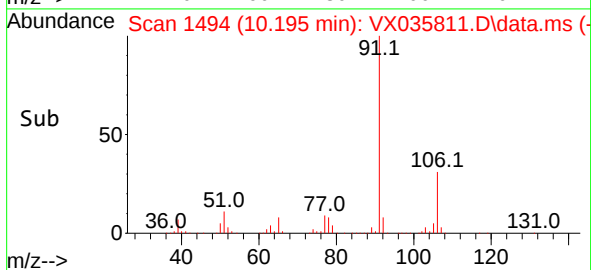
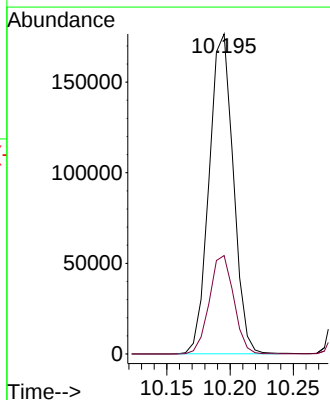
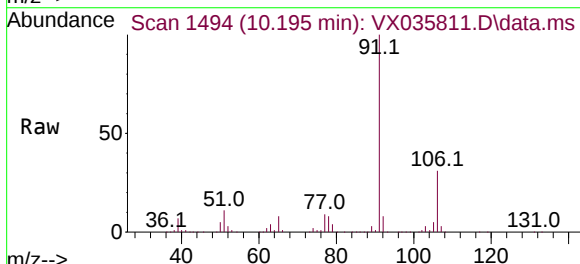
Manual Integrations
APPROVED

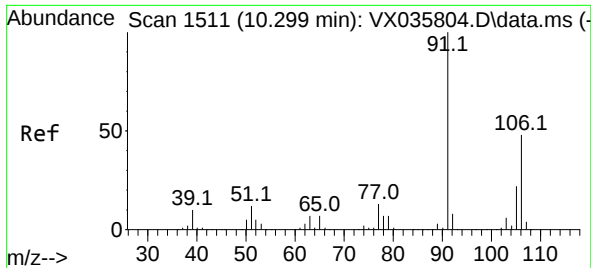
Reviewed By :John Carbone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#66
Ethyl Benzene
Concen: 20.412 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

Tgt Ion: 91 Resp: 234912
Ion Ratio Lower Upper
91 100
106 30.8 24.4 36.6





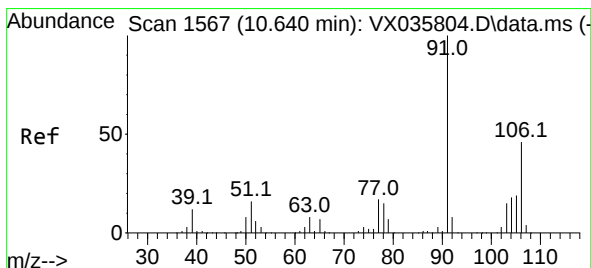
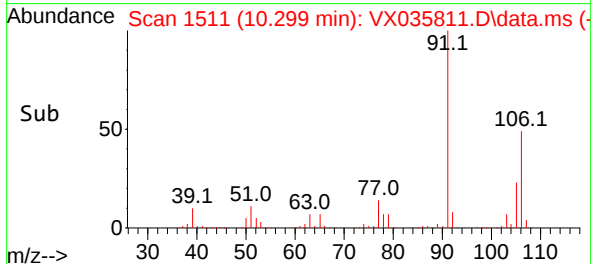
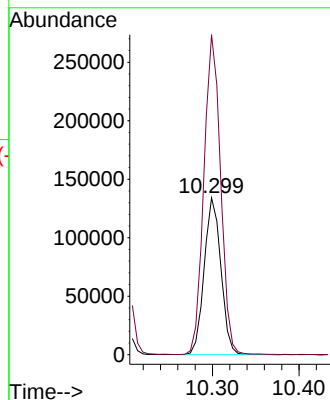
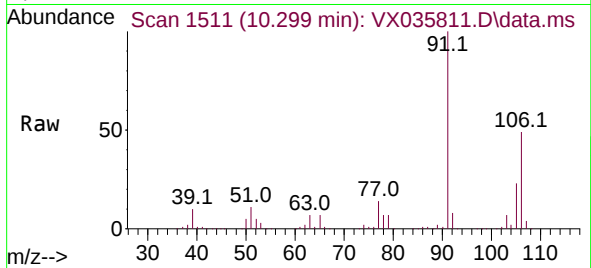
#67
m/p-Xylenes
Concen: 41.219 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01

Tgt Ion:106 Resp: 17955
Ion Ratio Lower Upper
106 100
91 203.9 167.4 251.2

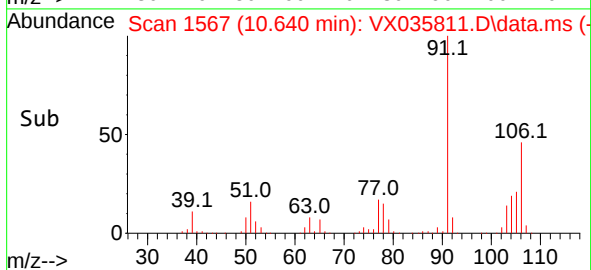
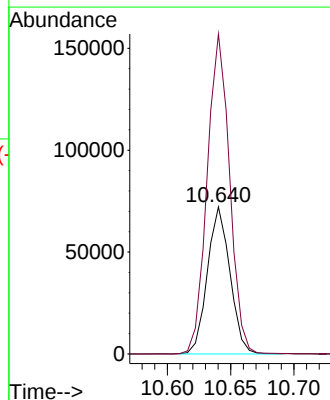
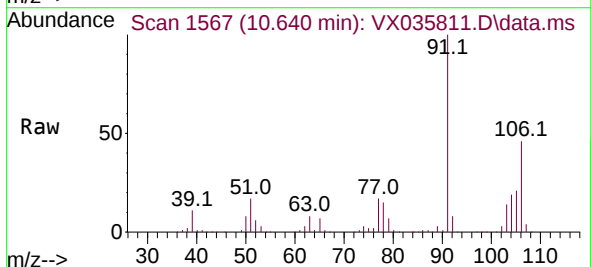
Manual Integrations
APPROVED

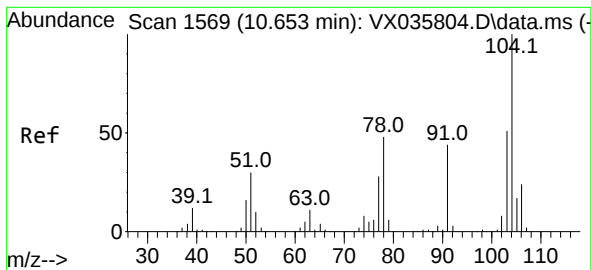
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#68
o-Xylene
Concen: 20.588 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

Tgt Ion:106 Resp: 89708
Ion Ratio Lower Upper
106 100
91 215.2 108.9 326.8





#69

Styrene

Concen: 20.270 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX035811.D

Acq: 23 May 2023 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBSD01

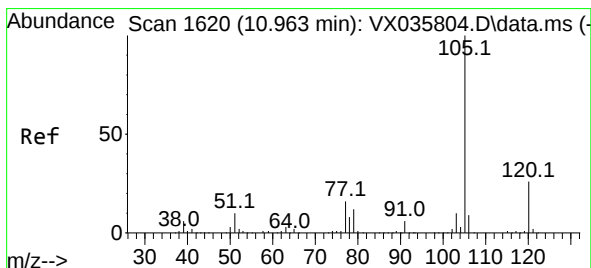
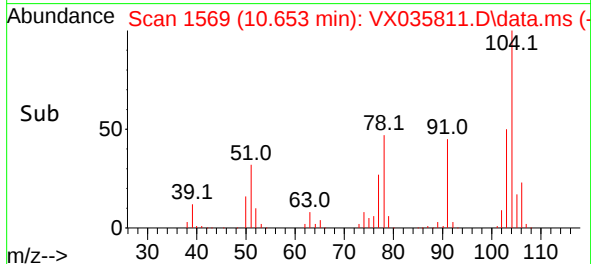
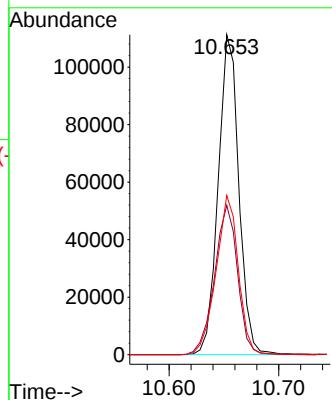
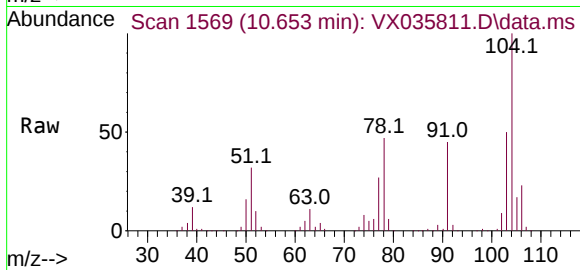
Tgt Ion:104 Resp: 145760
 Ion Ratio Lower Upper
 104 100
 78 52.2 42.8 64.2
 103 53.6 43.8 65.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#70

Isopropylbenzene

Concen: 20.849 ug/l

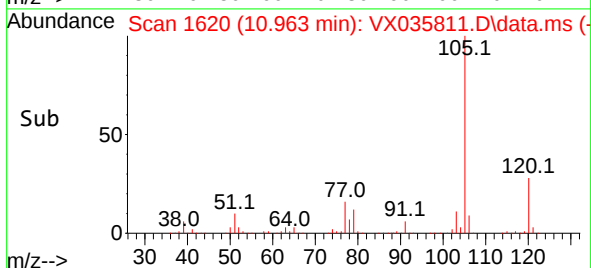
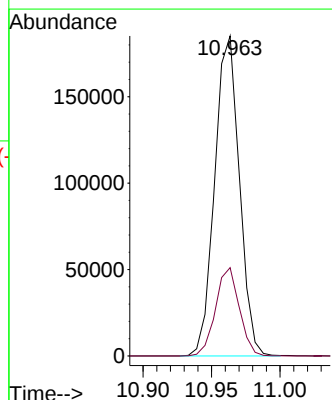
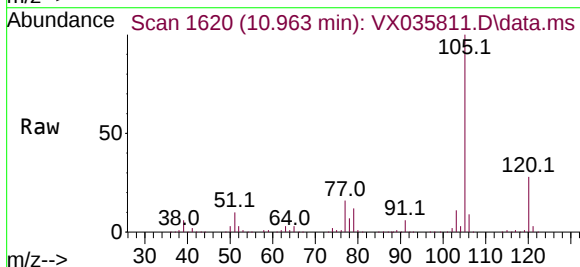
RT: 10.963 min Scan# 1620

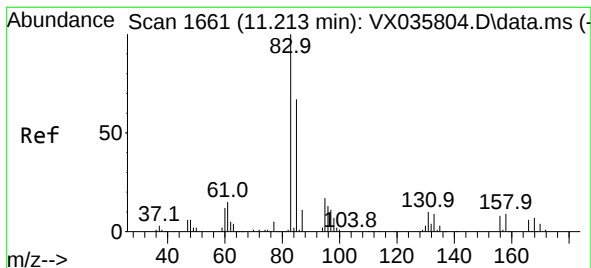
Delta R.T. 0.000 min

Lab File: VX035811.D

Acq: 23 May 2023 13:34

Tgt Ion:105 Resp: 231875
 Ion Ratio Lower Upper
 105 100
 120 26.5 18.5 34.3





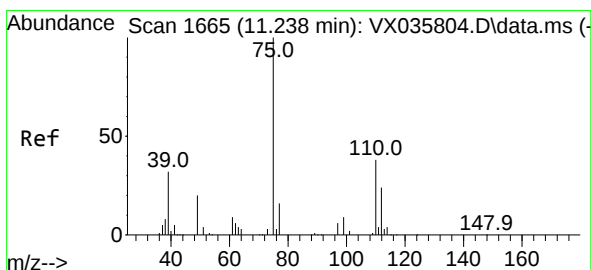
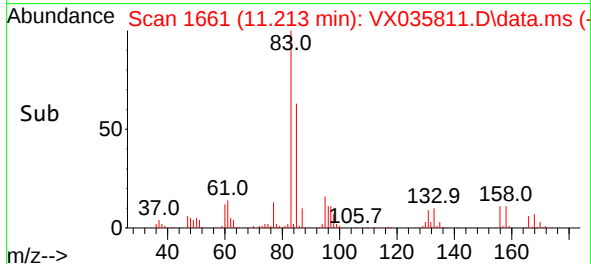
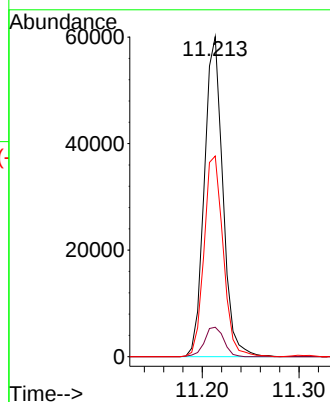
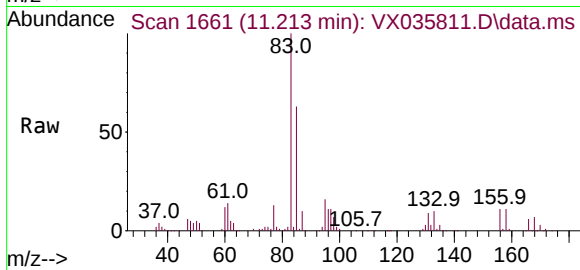
#71
1,1,2,2-Tetrachloroethane
Concen: 20.317 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01

Tgt Ion: 83 Resp: 8003
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.2
85 64.9 31.9 95.5

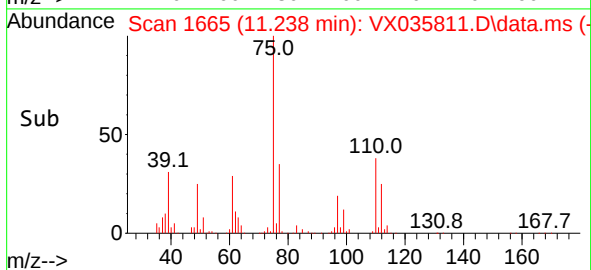
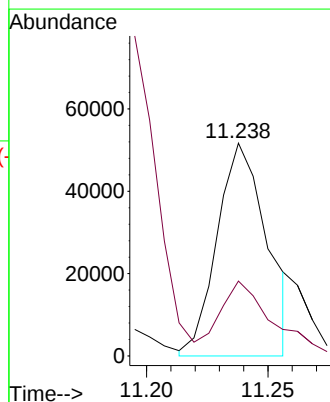
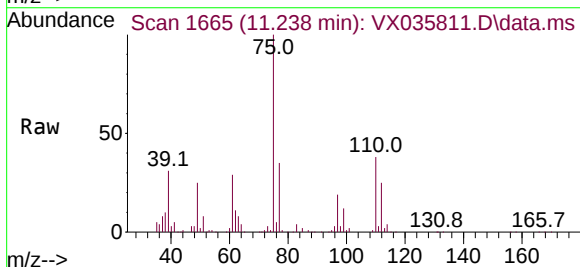
Manual Integrations
APPROVED

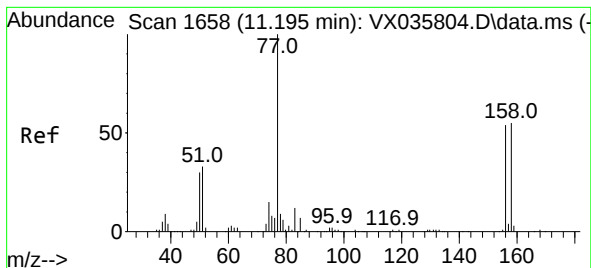
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#72
1,2,3-Trichloropropane
Concen: 21.565 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

Tgt Ion: 75 Resp: 73988
Ion Ratio Lower Upper
75 100
77 37.7 0.0 73.8





#73

Bromobenzene

Concen: 20.135 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035811.D

Acq: 23 May 2023 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBSD01

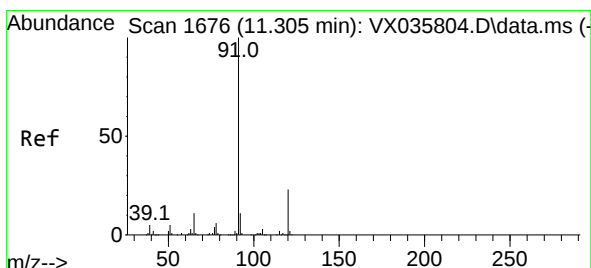
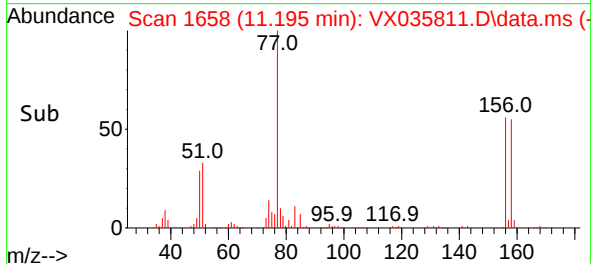
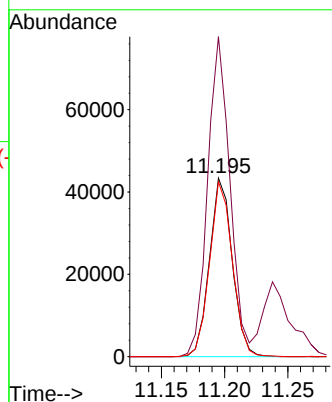
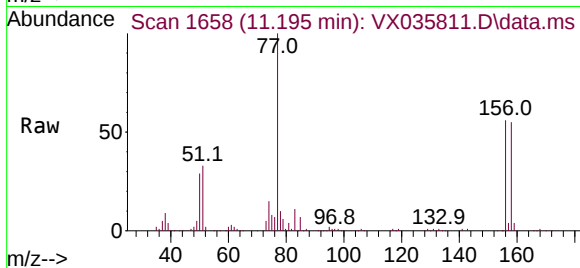
Tgt Ion:	156	Resp:	54404
Ion Ratio	Lower	Upper	
156	100		
77	175.1	0.0	330.8
158	98.0	0.0	193.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#74

n-propylbenzene

Concen: 20.888 ug/l

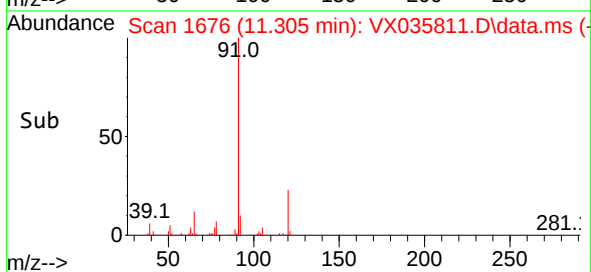
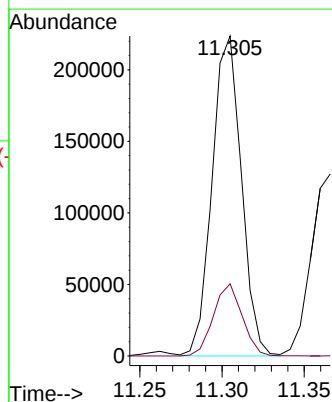
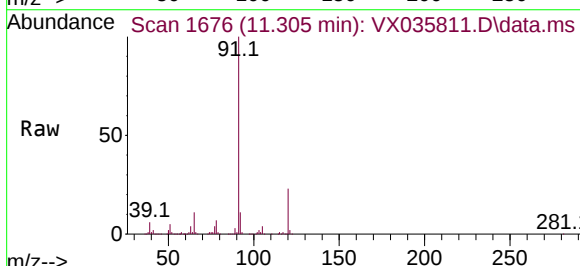
RT: 11.305 min Scan# 1676

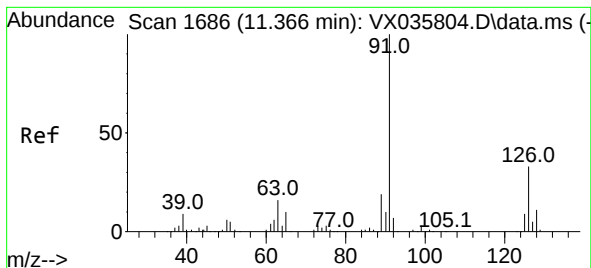
Delta R.T. 0.000 min

Lab File: VX035811.D

Acq: 23 May 2023 13:34

Tgt Ion:	91	Resp:	276912
Ion Ratio	Lower	Upper	
91	100		
120	22.1	0.0	44.8





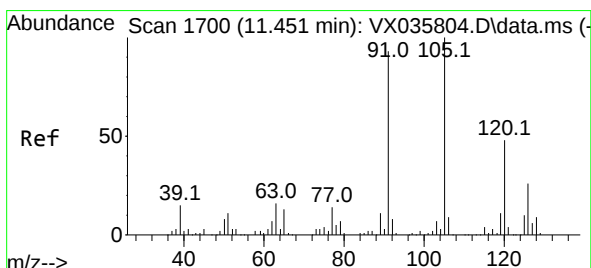
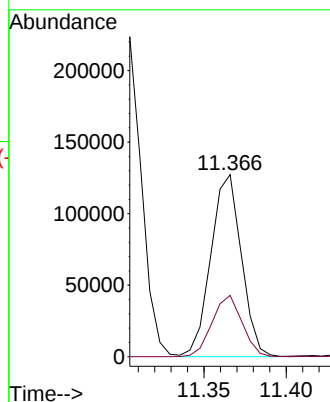
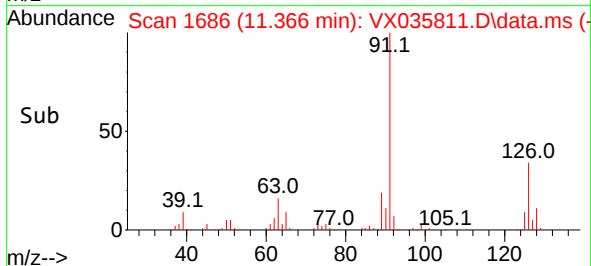
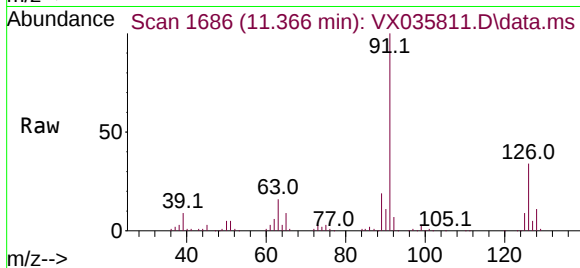
#75
2-Chlorotoluene
Concen: 20.225 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01

Tgt Ion: 91 Resp: 164690
Ion Ratio Lower Upper
91 100
126 33.0 0.0 66.4

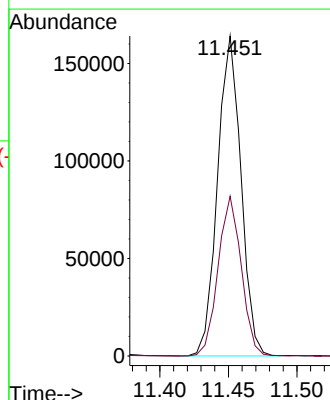
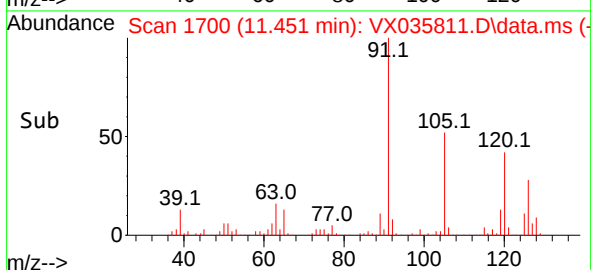
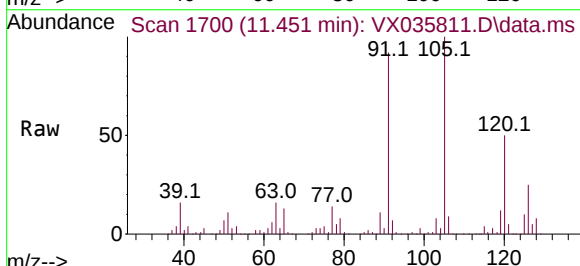
Manual Integrations
APPROVED

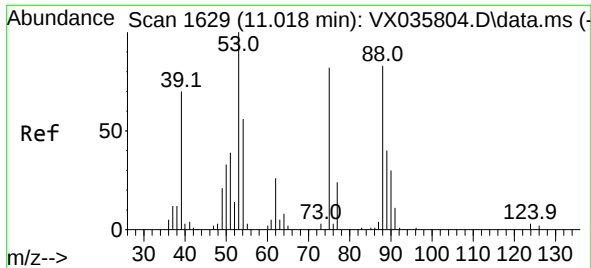
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.657 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

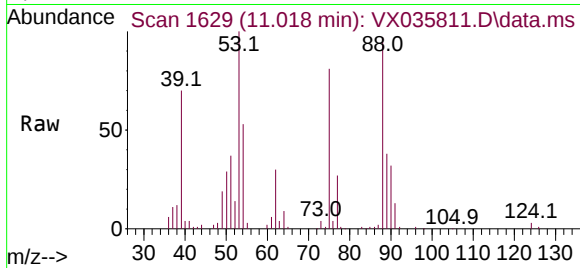
Tgt Ion:105 Resp: 195120
Ion Ratio Lower Upper
105 100
120 49.3 0.0 96.4





#77
t-1,4-Dichloro-2-butene
Concen: 17.763 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

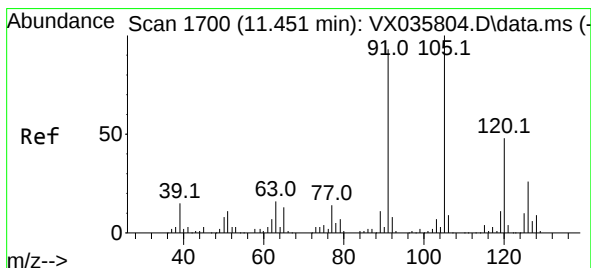
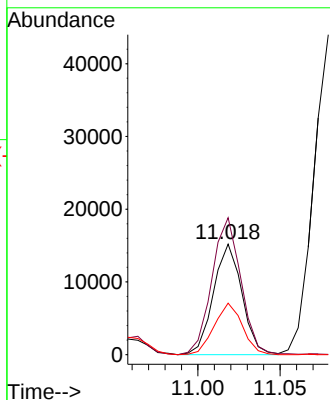
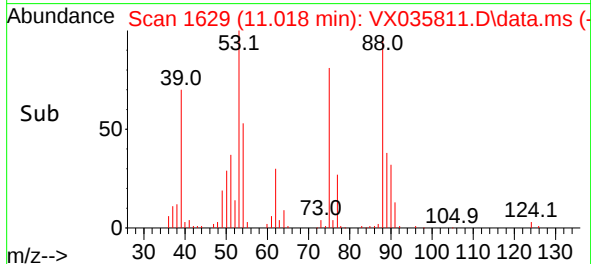
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01



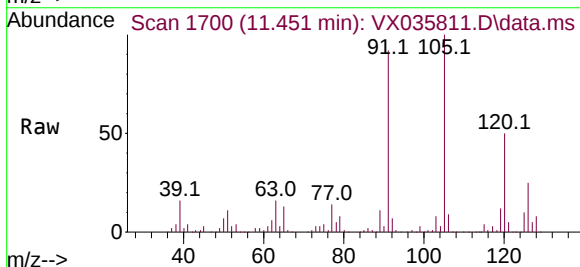
Tgt Ion: 75 Resp: 18384
Ion Ratio Lower Upper
75 100
53 123.9 58.2 174.6
89 46.7 20.6 61.8

Manual Integrations
APPROVED

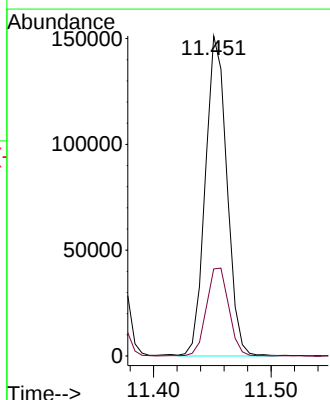
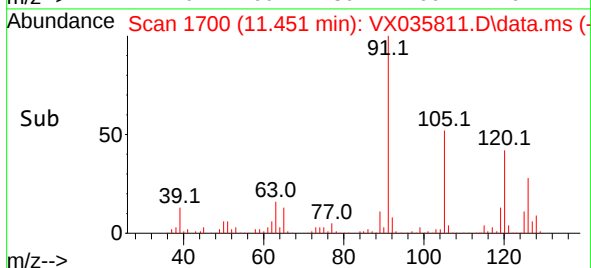
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

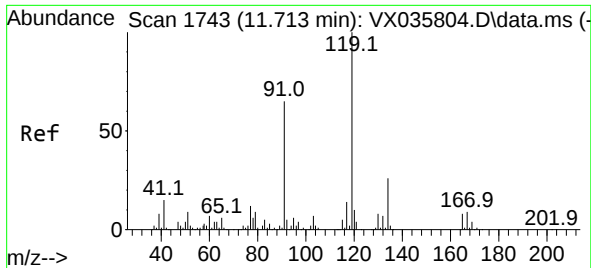


#78
4-Chlorotoluene
Concen: 20.774 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34



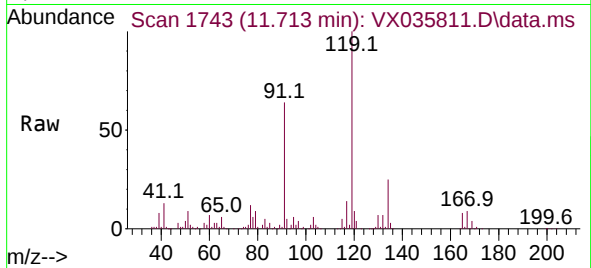
Tgt Ion: 91 Resp: 192719
Ion Ratio Lower Upper
91 100
126 28.5 0.0 56.8





#79
tert-butylbenzene
Concen: 20.763 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

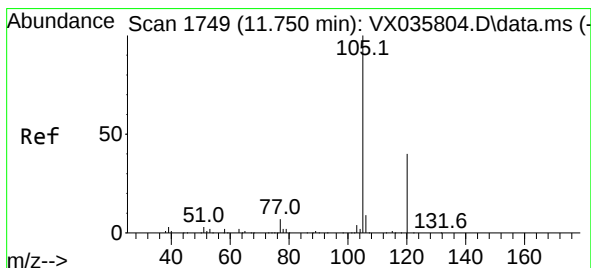
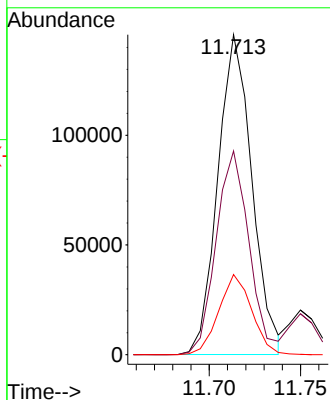
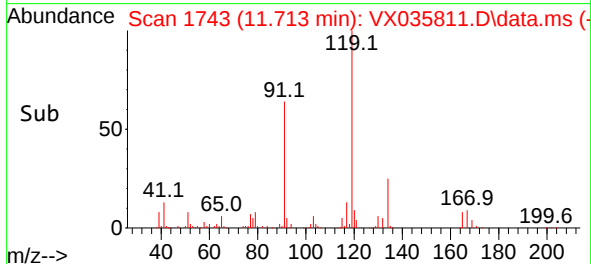
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01



Tgt Ion:119 Resp: 189329
Ion Ratio Lower Upper
119 100
91 61.8 0.0 122.4
134 24.3 0.0 49.2

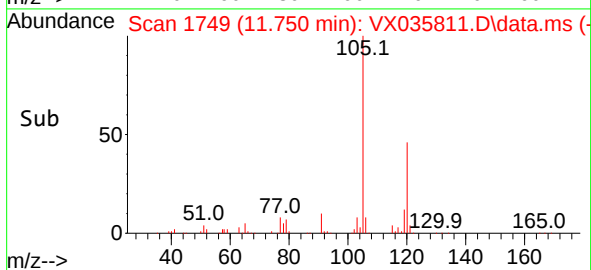
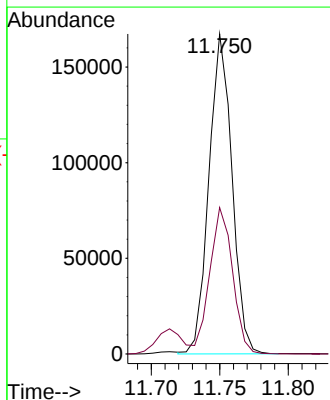
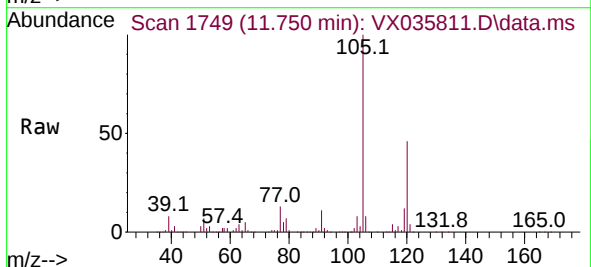
Manual Integrations
APPROVED

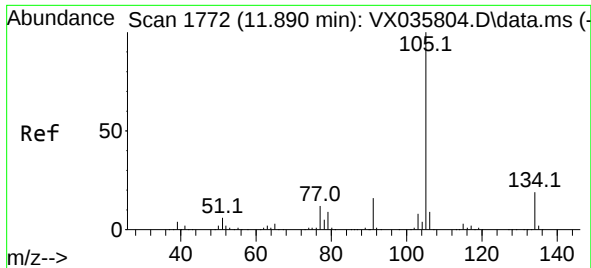
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#80
1,2,4-Trimethylbenzene
Concen: 20.561 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

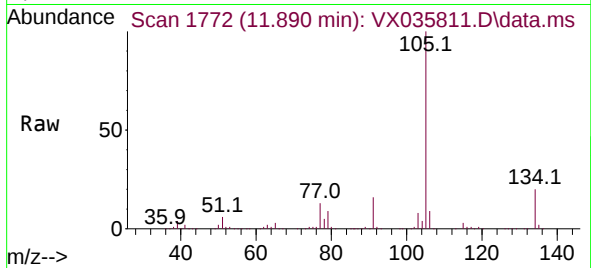
Tgt Ion:105 Resp: 195182
Ion Ratio Lower Upper
105 100
120 45.1 0.0 90.4





#81
 sec-Butylbenzene
 Concen: 21.141 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035811.D
 Acq: 23 May 2023 13:34

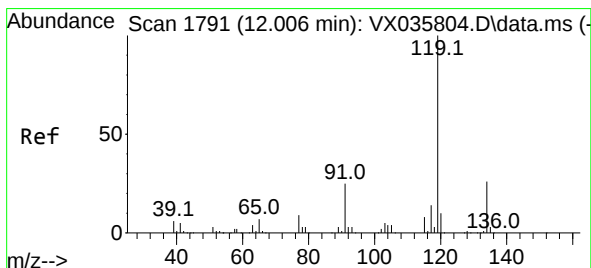
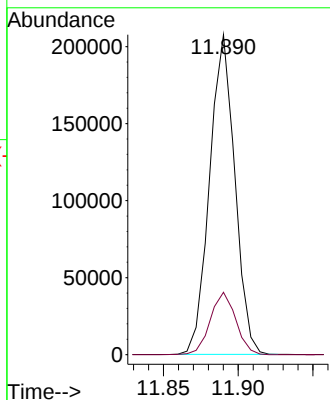
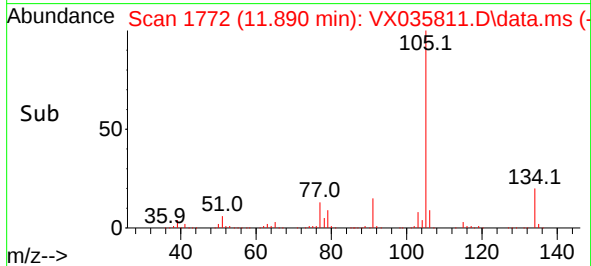
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBSD01



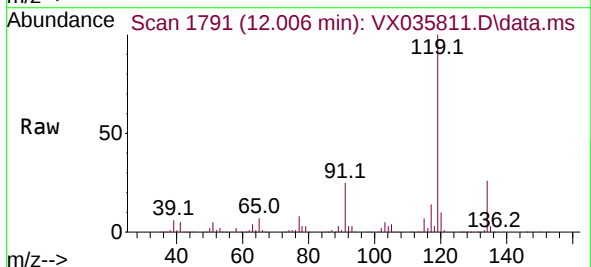
Tgt Ion:105 Resp: 24339
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 40.2

Manual Integrations
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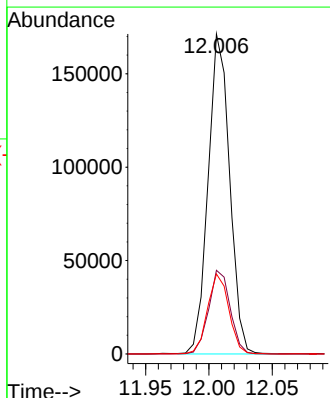
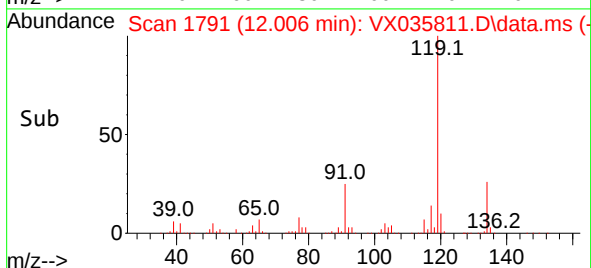
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023

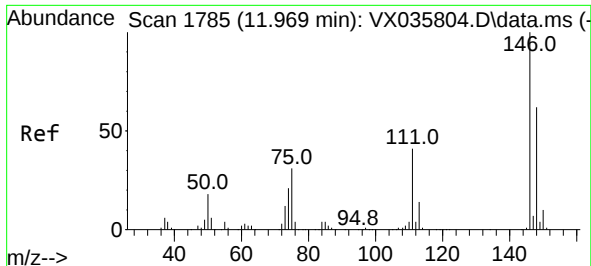


#82
 p-Isopropyltoluene
 Concen: 21.147 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX035811.D
 Acq: 23 May 2023 13:34



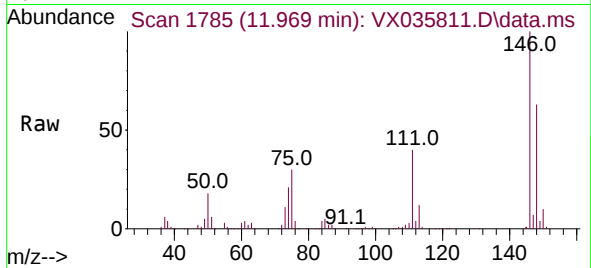
Tgt Ion:119 Resp: 202550
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 52.2
 91 24.8 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 20.761 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

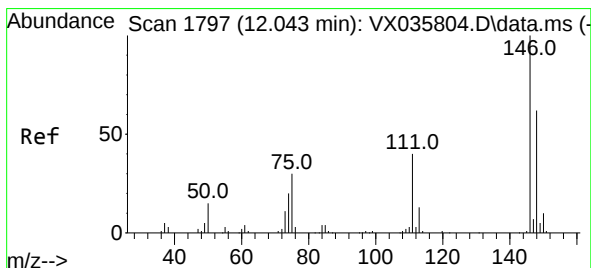
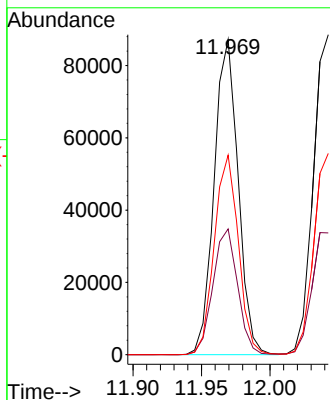
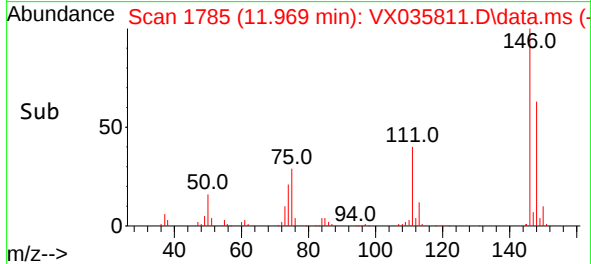
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01



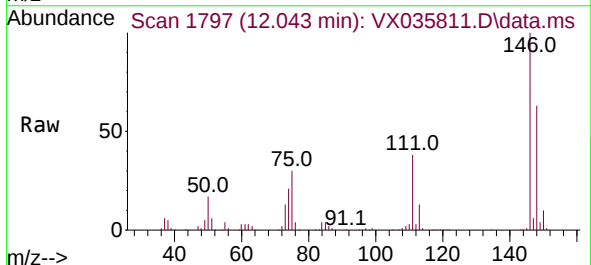
Tgt Ion:146 Resp: 106165
Ion Ratio Lower Upper
146 100
111 41.1 20.6 61.9
148 63.5 31.6 94.7

Manual Integrations
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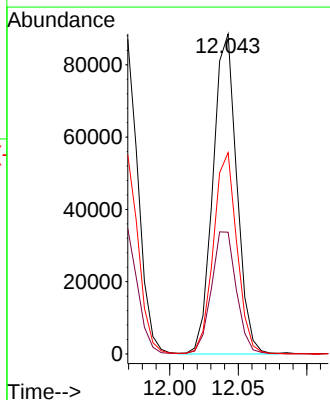
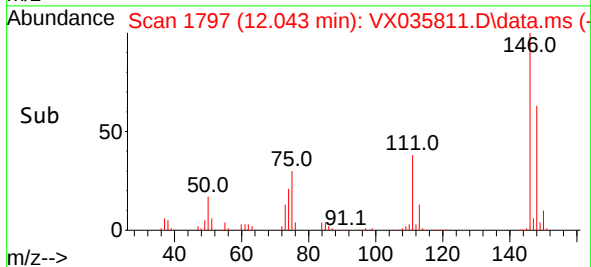
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

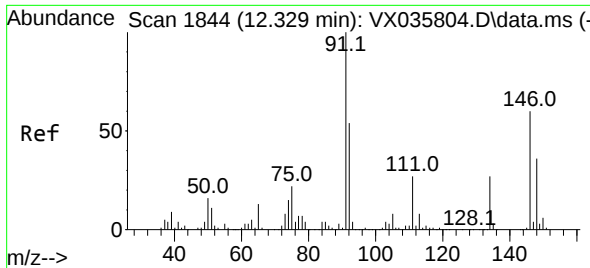


#84
1,4-Dichlorobenzene
Concen: 20.878 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34



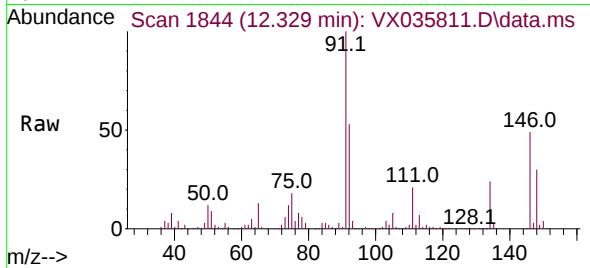
Tgt Ion:146 Resp: 107165
Ion Ratio Lower Upper
146 100
111 40.0 20.3 60.9
148 62.2 31.8 95.3





#85
n-Butylbenzene
Concen: 21.282 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

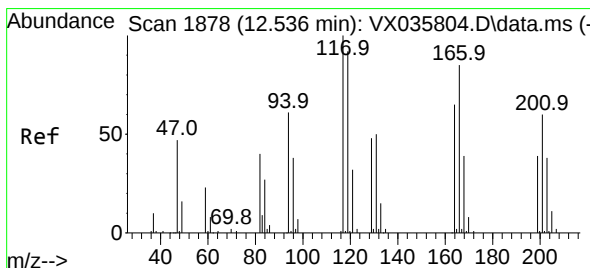
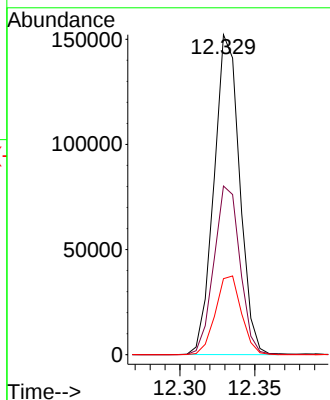
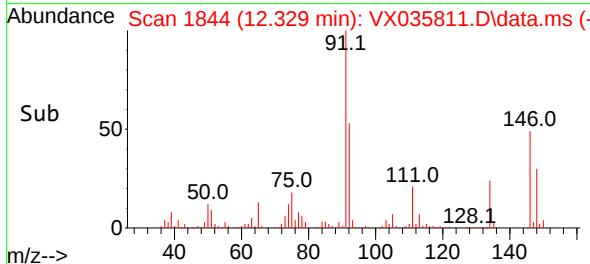
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01



Tgt Ion: 91 Resp: 18134
Ion Ratio Lower Upper
91 100
92 53.8 0.0 107.6
134 24.9 0.0 49.8

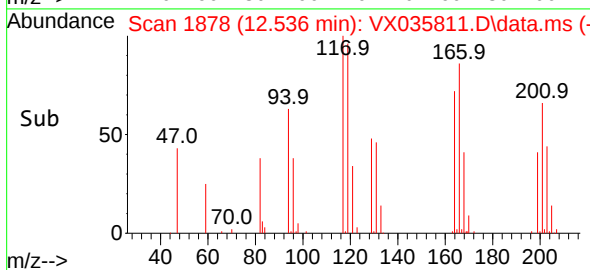
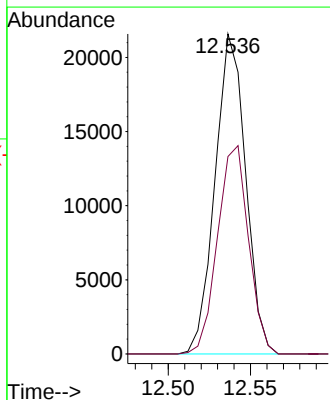
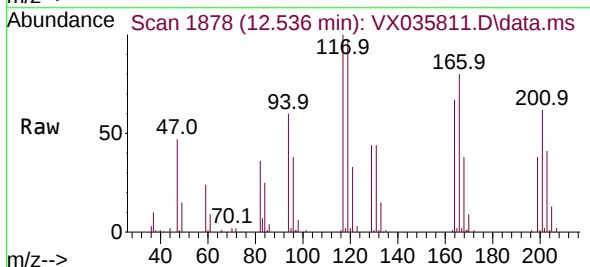
Manual Integrations
APPROVED

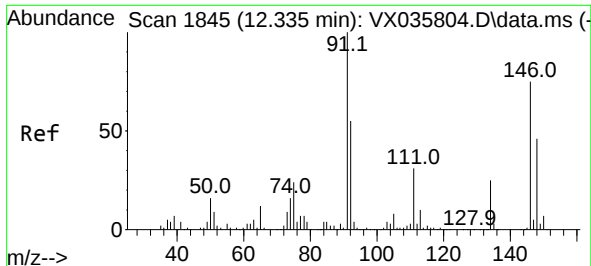
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#86
Hexachloroethane
Concen: 18.498 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

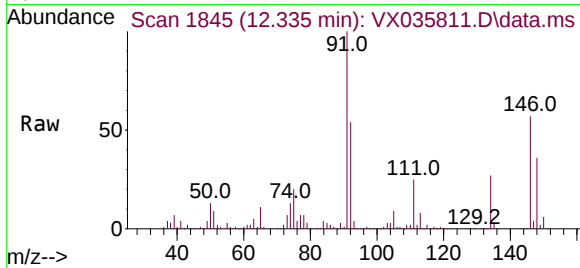
Tgt Ion:117 Resp: 27900
Ion Ratio Lower Upper
117 100
201 66.0 35.4 106.2





#87
1,2-Dichlorobenzene
Concen: 21.071 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

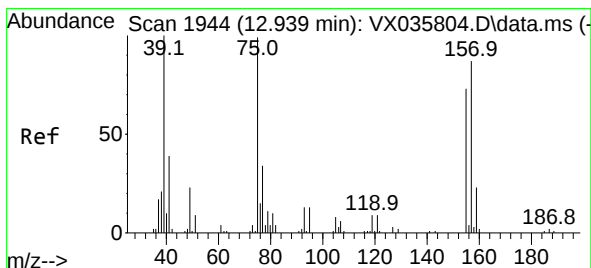
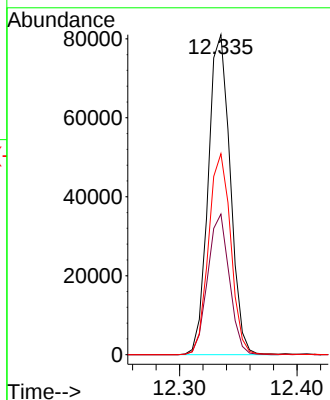
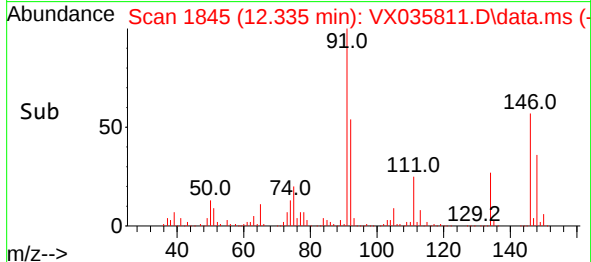
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01



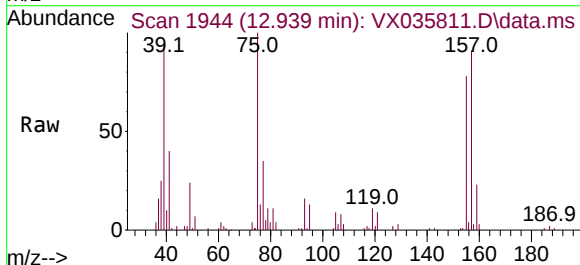
Tgt Ion:146 Resp: 105579
Ion Ratio Lower Upper
146 100
111 43.2 21.3 64.0
148 63.4 31.7 95.1

Manual Integrations
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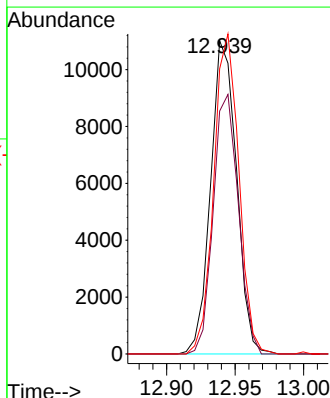
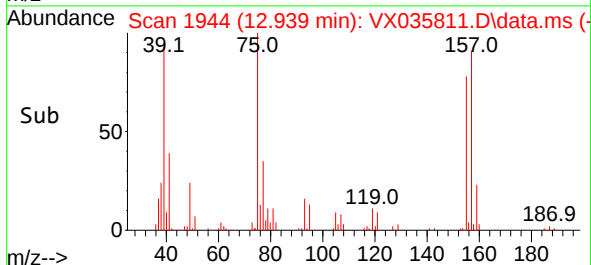
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

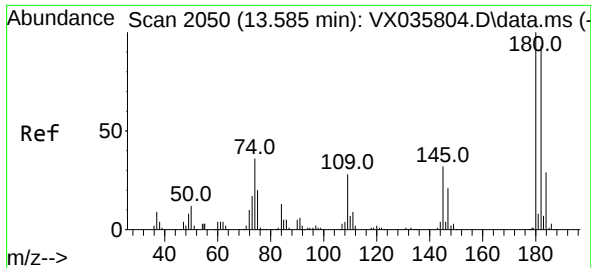


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.246 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34



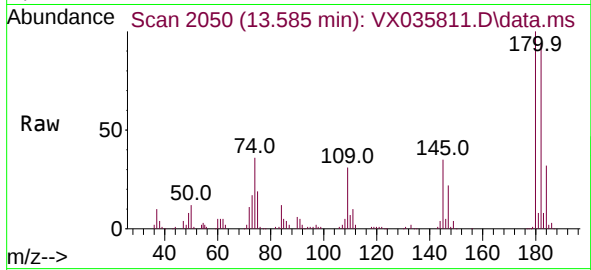
Tgt Ion: 75 Resp: 14490
Ion Ratio Lower Upper
75 100
155 80.5 63.7 95.5
157 98.9 83.7 125.5





#89
1,2,4-Trichlorobenzene
Concen: 21.165 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

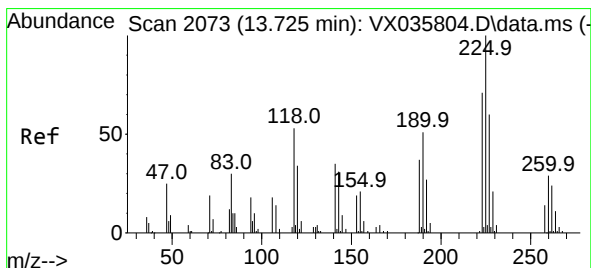
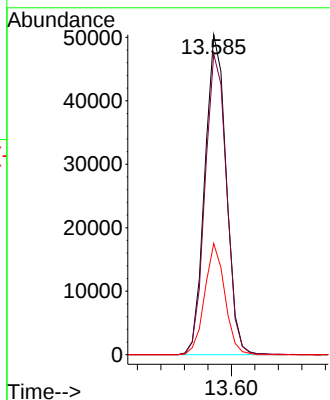
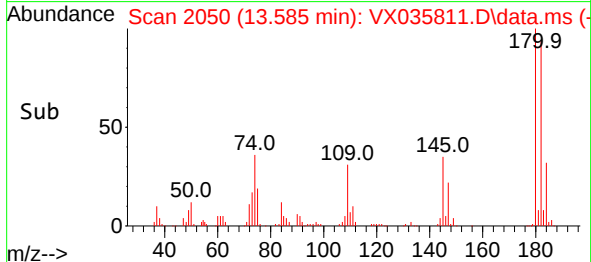
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01



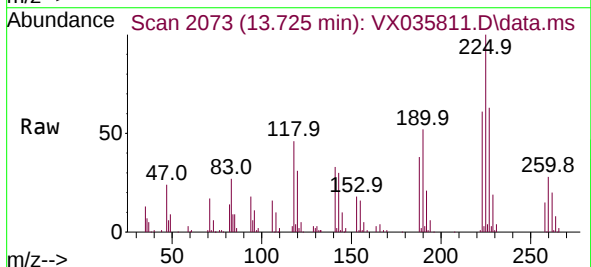
Tgt Ion:180 Resp: 63550
Ion Ratio Lower Upper
180 100
182 94.6 75.8 113.8
145 32.6 25.8 38.6

Manual Integrations
APPROVED

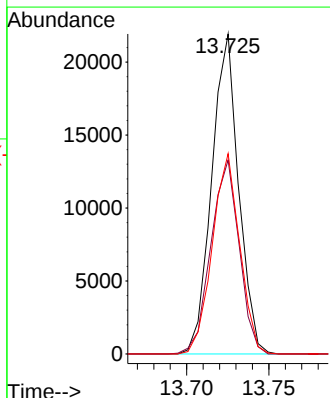
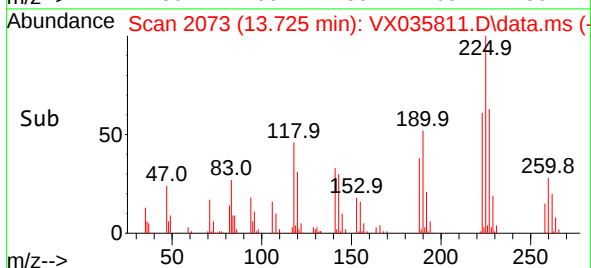
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

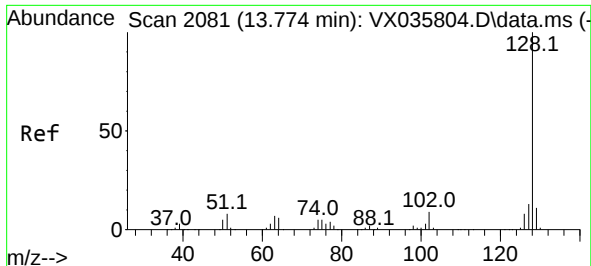


#90
Hexachlorobutadiene
Concen: 22.543 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34



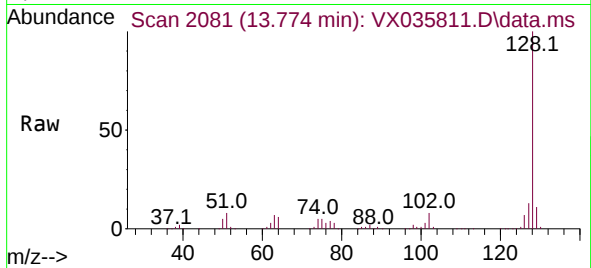
Tgt Ion:225 Resp: 24954
Ion Ratio Lower Upper
225 100
223 63.7 0.0 124.2
227 63.7 0.0 122.8





#91
Naphthalene
Concen: 20.773 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34

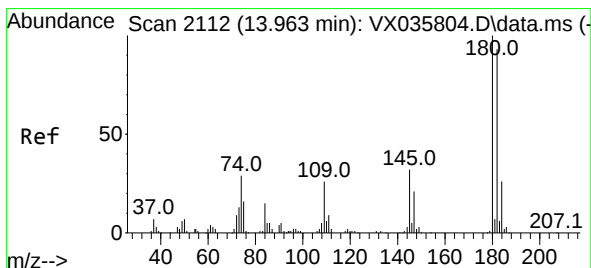
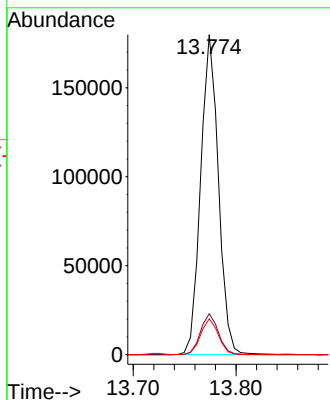
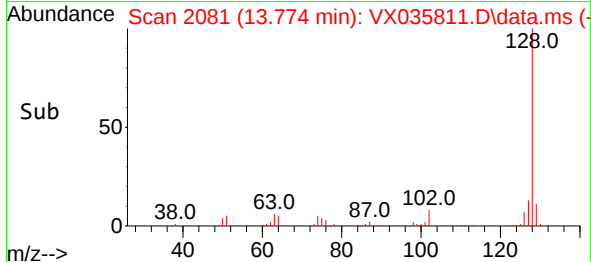
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBSD01



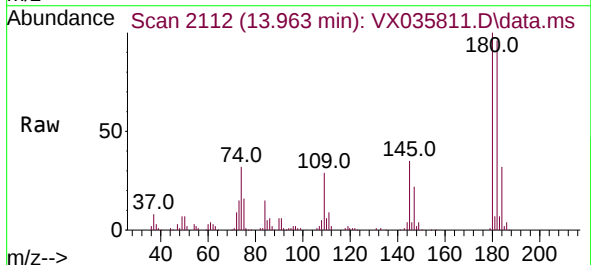
Tgt Ion:128 Resp: 21586
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.2 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#92
1,2,3-Trichlorobenzene
Concen: 20.618 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX035811.D
Acq: 23 May 2023 13:34



Tgt Ion:180 Resp: 61816
Ion Ratio Lower Upper
180 100
182 95.7 0.0 191.0
145 35.9 0.0 66.8

