

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042123\
 Data File : VX035229.D
 Acq On : 21 Apr 2023 14:27
 Operator : JC/MD
 Sample : VX0421WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/24/2023
 Supervised By : Mahesh Dadoda 04/24/2023

Quant Time: Apr 22 01:04:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	281466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	448100	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	398189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	199213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	186713	43.375	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.760%		
35) Dibromofluoromethane	5.379	113	154959	52.283	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.560%		
50) Toluene-d8	8.647	98	563485	51.509	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	103.020%		
62) 4-Bromofluorobenzene	11.079	95	219411	51.829	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.660%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	66493	23.686	ug/l	99
3) Chloromethane	1.295	50	60521	17.218	ug/l	98
4) Vinyl Chloride	1.374	62	61626	17.707	ug/l	100
5) Bromomethane	1.618	94	37766	16.700	ug/l	96
6) Chloroethane	1.691	64	33697	14.882	ug/l	99
7) Trichlorofluoromethane	1.886	101	90670	16.206	ug/l	100
8) Diethyl Ether	2.130	74	34450	17.466	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	61537	21.043	ug/l	96
10) Methyl Iodide	2.453	142	61818	16.975	ug/l	97
11) Tert butyl alcohol	3.002	59	61676m	81.662	ug/l	
12) 1,1-Dichloroethene	2.319	96	56992	19.723	ug/l	97
13) Acrolein	2.239	56	58367	75.073	ug/l	100
14) Allyl chloride	2.666	41	102186	18.051	ug/l	98
15) Acrylonitrile	3.069	53	167631	98.604	ug/l	99
16) Acetone	2.392	43	166336	95.121	ug/l	97
17) Carbon Disulfide	2.514	76	134863	18.636	ug/l	99
18) Methyl Acetate	2.703	43	122511	19.718	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	204477	19.113	ug/l	95
20) Methylene Chloride	2.788	84	68283	19.788	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	63610	20.185	ug/l	96
22) Diisopropyl ether	3.757	45	213385	18.681	ug/l	94
23) Vinyl Acetate	3.721	43	760562	93.362	ug/l	100
24) 1,1-Dichloroethane	3.605	63	117511	19.121	ug/l	100
25) 2-Butanone	4.562	43	237380	93.321	ug/l	97
26) 2,2-Dichloropropane	4.477	77	90729	17.952	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	74332	19.906	ug/l	95
28) Bromochloromethane	4.898	49	66313	22.058	ug/l	89
29) Tetrahydrofuran	5.007	42	143925	90.320	ug/l	97
30) Chloroform	5.093	83	117892	18.886	ug/l	96
31) Cyclohexane	5.471	56	105905	20.205	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	100984	18.957	ug/l	98
36) 1,1-Dichloropropene	5.696	75	88186	20.084	ug/l	96
37) Ethyl Acetate	4.715	43	87095	18.970	ug/l	96
38) Carbon Tetrachloride	5.678	117	85414	20.632	ug/l	98
39) Methylcyclohexane	7.379	83	115417	24.753	ug/l	95
40) Benzene	6.038	78	262853	20.854	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	50276	20.135	ug/l	97
42) 1,2-Dichloroethane	6.086	62	95102	18.978	ug/l	96
43) Isopropyl Acetate	6.336	43	143029	18.620	ug/l	95
44) Trichloroethene	7.123	130	71516	22.227	ug/l	98
45) 1,2-Dichloropropane	7.428	63	69587	21.186	ug/l	97
46) Dibromomethane	7.580	93	44634	19.750	ug/l	93
47) Bromodichloromethane	7.824	83	84084	20.142	ug/l	92
48) Methyl methacrylate	7.690	41	72794	19.297	ug/l	94
49) 1,4-Dioxane	7.714	88	30377	390.750	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	449440	98.863	ug/l	97
52) Toluene	8.714	92	168832	20.543	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	90115	20.067	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	103605	21.081	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	66831	21.485	ug/l	97
56) Ethyl methacrylate	9.116	69	101797	20.888	ug/l	93
57) 1,3-Dichloropropane	9.305	76	115358	20.941	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	240503	96.919	ug/l	96
59) 2-Hexanone	9.427	43	344043	100.057	ug/l	96
60) Dibromochloromethane	9.519	129	63143	21.310	ug/l	100
61) 1,2-Dibromoethane	9.610	107	68570	21.200	ug/l	99
64) Tetrachloroethene	9.275	164	64224	22.538	ug/l	98
65) Chlorobenzene	10.079	112	181778	21.941	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	63247	22.201	ug/l	98
67) Ethyl Benzene	10.195	91	320717	21.369	ug/l	98
68) m/p-Xylenes	10.299	106	249752	43.563	ug/l	98
69) o-Xylene	10.640	106	122704	21.848	ug/l	98
70) Styrene	10.653	104	202637	22.602	ug/l	97
71) Bromoform	10.799	173	41757	21.551	ug/l #	98
73) Isopropylbenzene	10.963	105	321894	22.059	ug/l	100
74) N-amyl acetate	10.842	43	124878	19.034	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	98610	20.618	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	80108m	19.957	ug/l	
77) Bromobenzene	11.195	156	78004	21.573	ug/l	93
78) n-propylbenzene	11.305	91	373228	22.141	ug/l	100
79) 2-Chlorotoluene	11.366	91	225373	21.175	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	274030	22.460	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	24632	18.391	ug/l	95
82) 4-Chlorotoluene	11.457	91	257051	20.798	ug/l	97
83) tert-Butylbenzene	11.713	119	267718	23.367	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	271911	21.915	ug/l	100
85) sec-Butylbenzene	11.890	105	334937	24.030	ug/l	100
86) p-Isopropyltoluene	12.006	119	282233	24.283	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	147322	22.373	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	148982	21.663	ug/l	99
89) n-Butylbenzene	12.335	91	240602	23.694	ug/l	99
90) Hexachloroethane	12.536	117	40840	22.680	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	144881	21.969	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19257	19.290	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	93752	25.135	ug/l	99
94) Hexachlorobutadiene	13.725	225	40589	24.741	ug/l	98
95) Naphthalene	13.774	128	293474	22.143	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	91756	24.394	ug/l	98

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

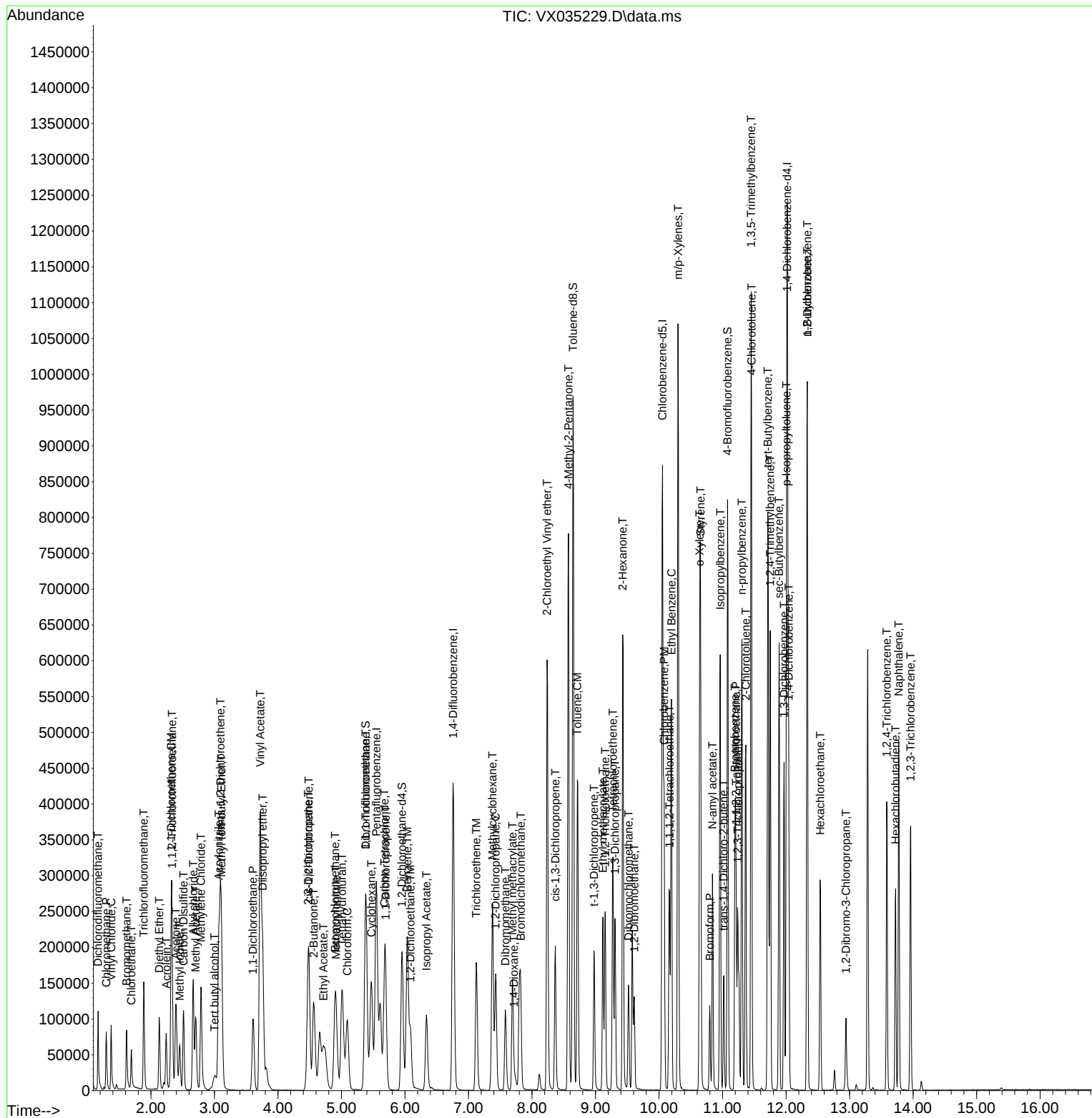
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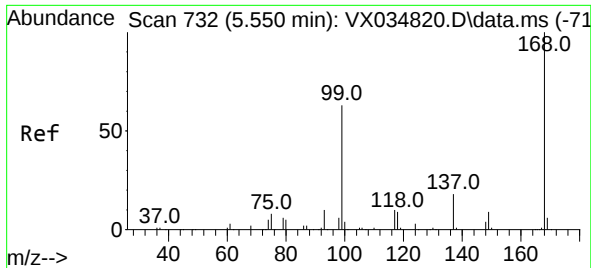
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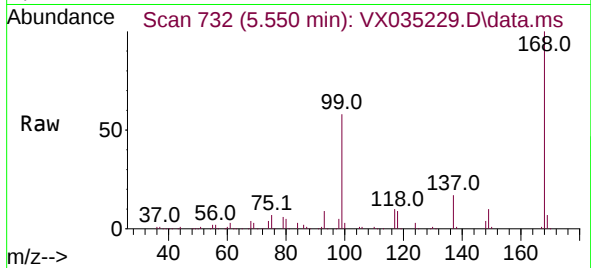
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

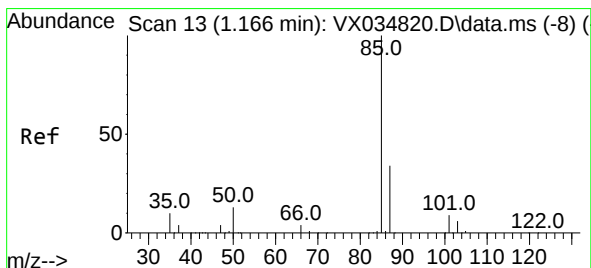
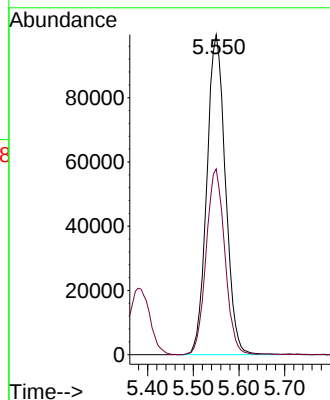
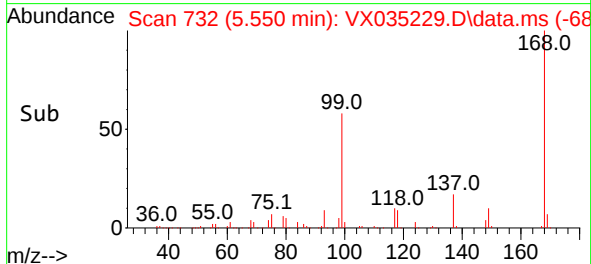
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01



Tgt Ion:168 Resp: 281460
Ion Ratio Lower Upper
168 100
99 58.1 45.7 68.5

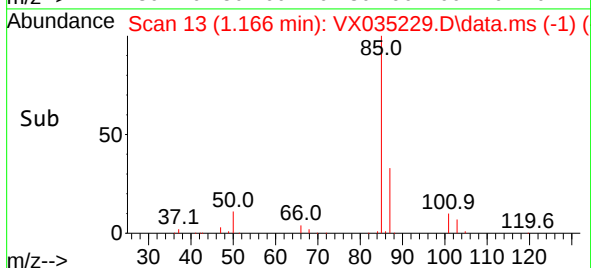
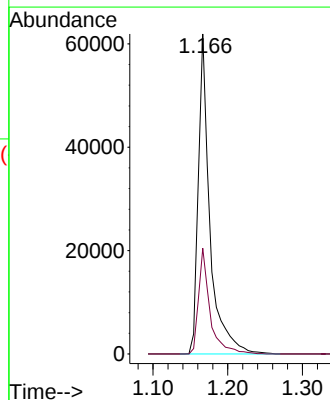
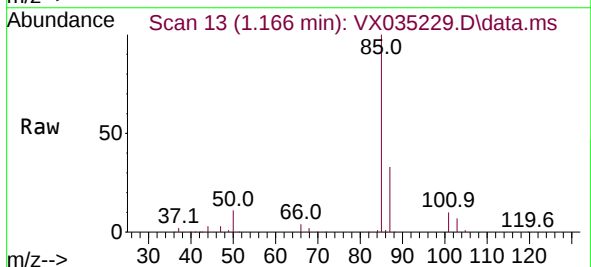
Manual Integrations
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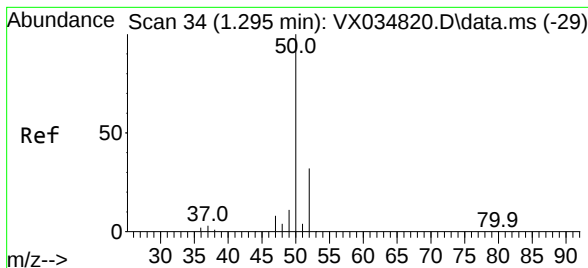
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#2
Dichlorodifluoromethane
Concen: 23.686 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

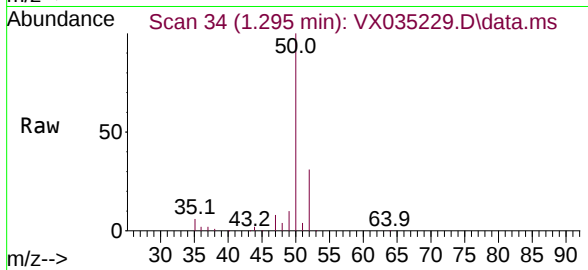
Tgt Ion: 85 Resp: 66493
Ion Ratio Lower Upper
85 100
87 33.1 16.4 49.1





#3
Chloromethane
Concen: 17.218 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

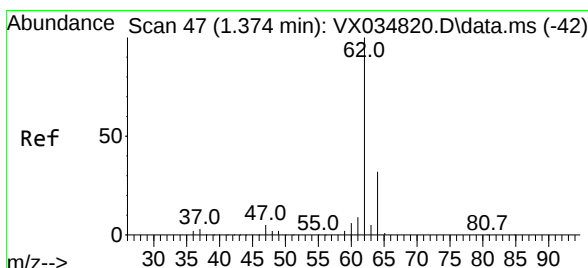
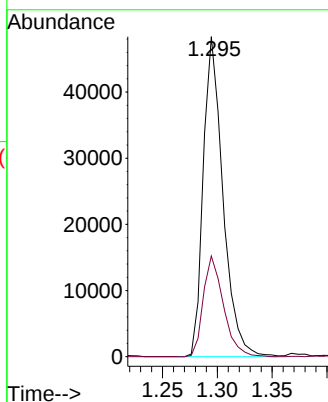
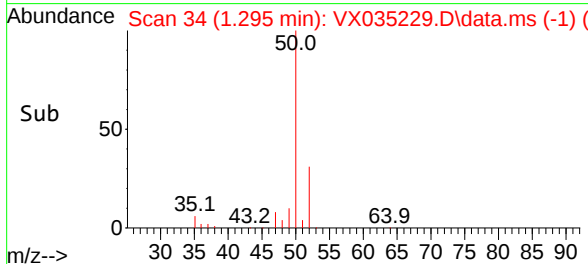
Instrument :
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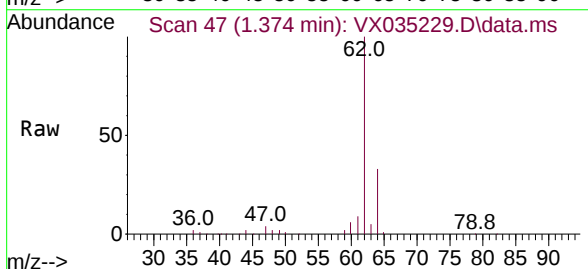
Tgt Ion: 50 Resp: 6052
Ion Ratio Lower Upper
50 100
52 31.5 25.9 38.9

Manual Integrations
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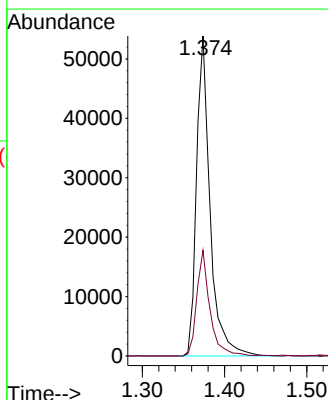
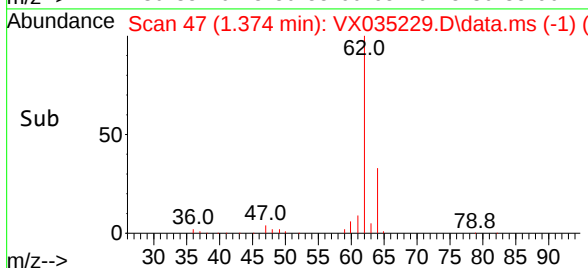
Reviewed By :John Carlone 04/24/2023
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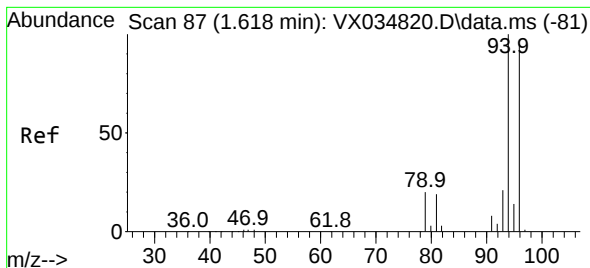


#4
Vinyl Chloride
Concen: 17.707 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27



Tgt Ion: 62 Resp: 61626
Ion Ratio Lower Upper
62 100
64 33.0 26.4 39.6





#5

Bromomethane

Concen: 16.700 ug/l

RT: 1.618 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX035229.D

Acq: 21 Apr 2023 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS01

Tgt Ion: 94 Resp: 3776

Ion Ratio Lower Upper

94 100

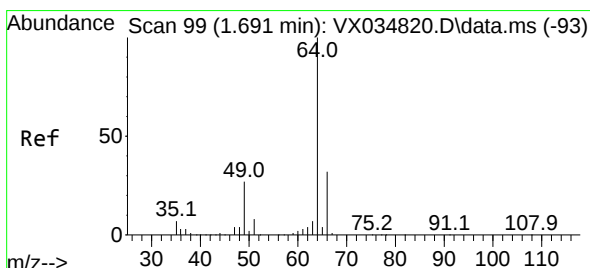
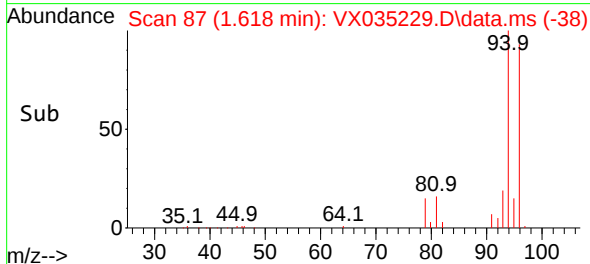
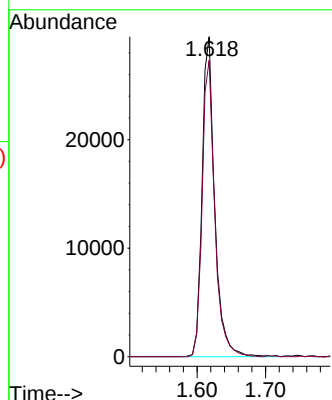
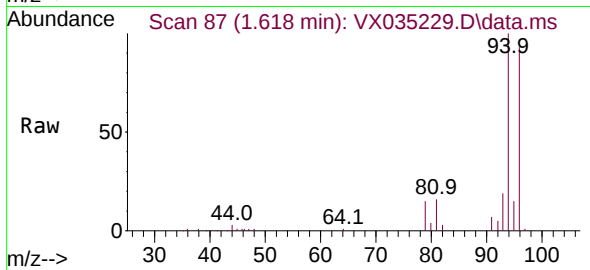
96 92.6 77.0 115.6

Manual Integrations

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#6

Chloroethane

Concen: 14.882 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX035229.D

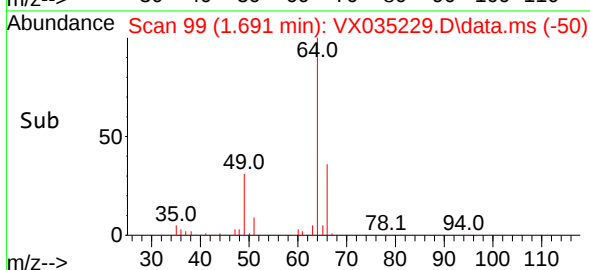
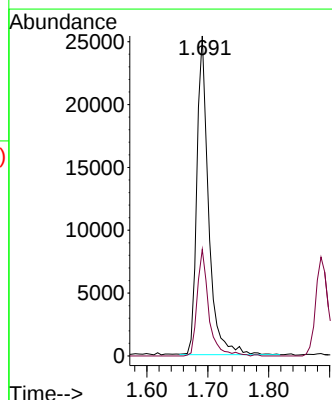
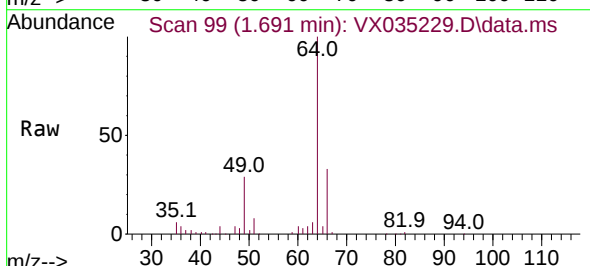
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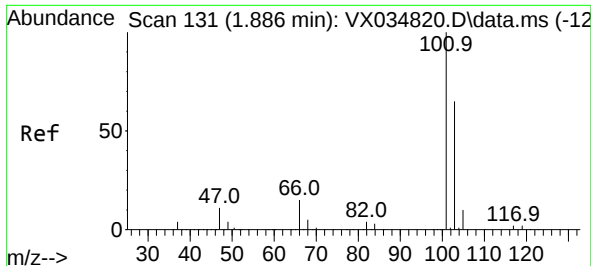
Tgt Ion: 64 Resp: 33697

Ion Ratio Lower Upper

64 100

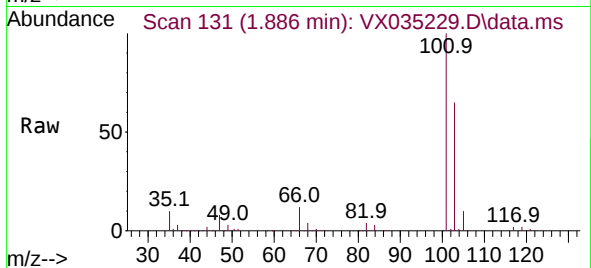
66 33.4 26.2 39.4





#7
Trichlorofluoromethane
Concen: 16.206 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

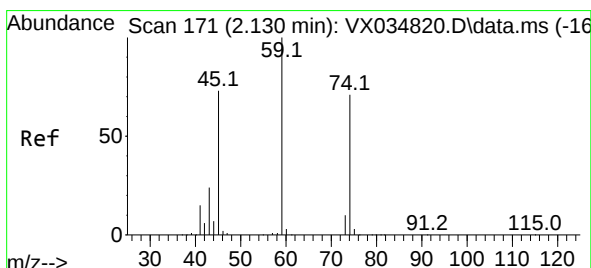
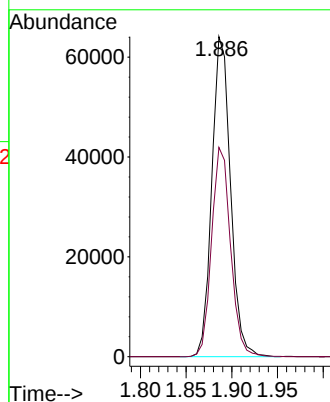
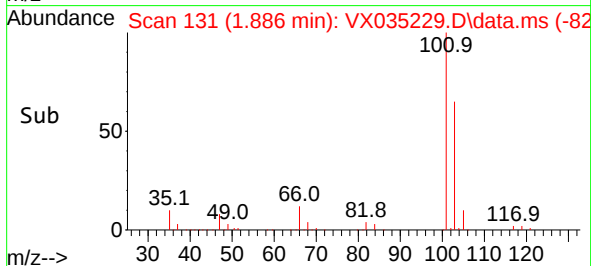
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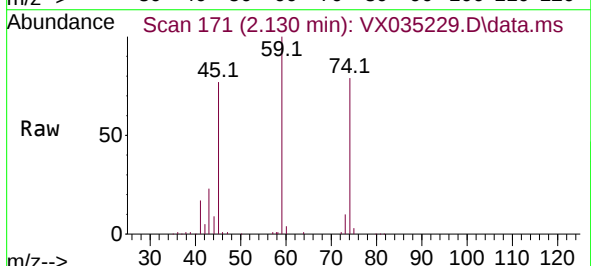
Tgt Ion:101 Resp: 90670
Ion Ratio Lower Upper
101 100
103 65.4 52.0 78.0

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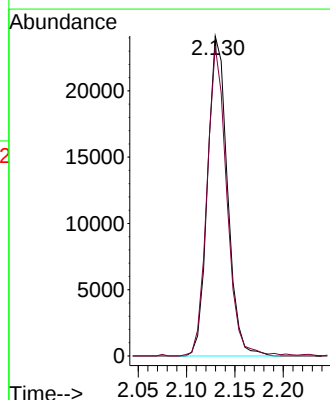
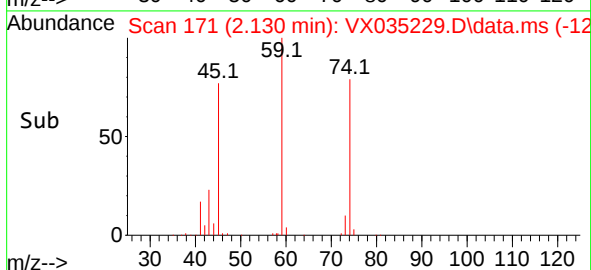
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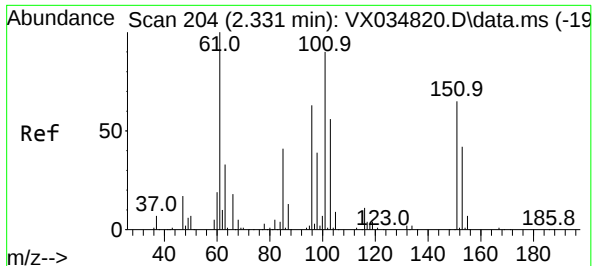


#8
Diethyl Ether
Concen: 17.466 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX035229.D
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Tgt Ion: 74 Resp: 34450
Ion Ratio Lower Upper
74 100
45 96.6 49.8 149.3





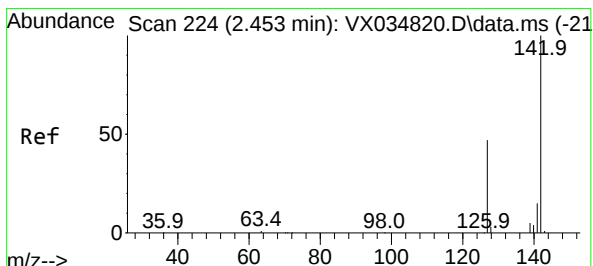
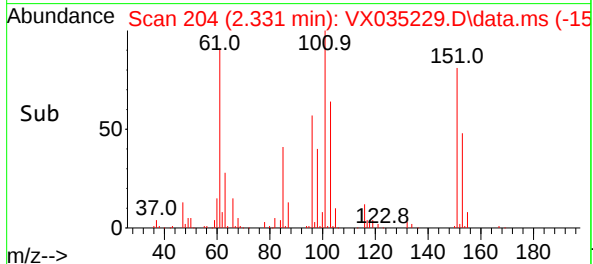
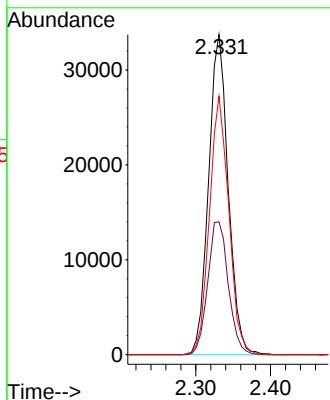
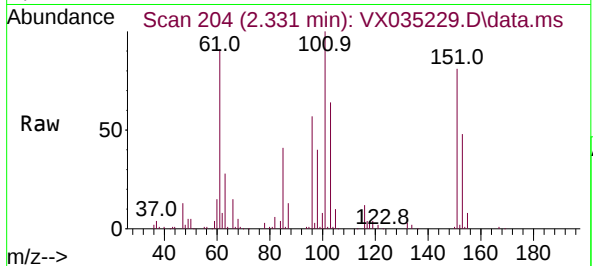
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.043 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01

Tgt Ion:101 Resp: 6153
Ion Ratio Lower Upper
101 100
85 43.7 35.4 53.2
151 79.8 60.2 90.4

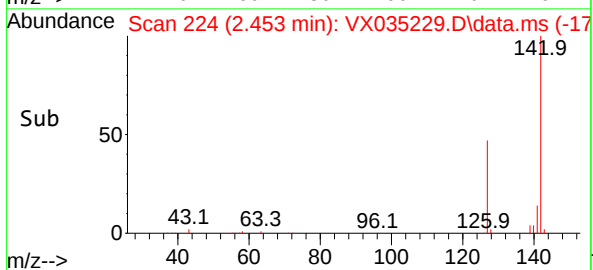
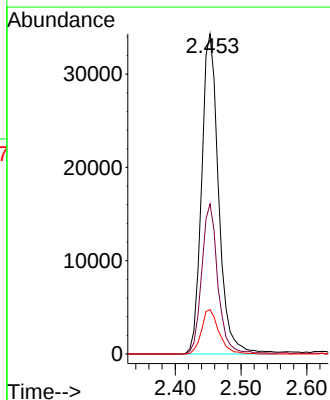
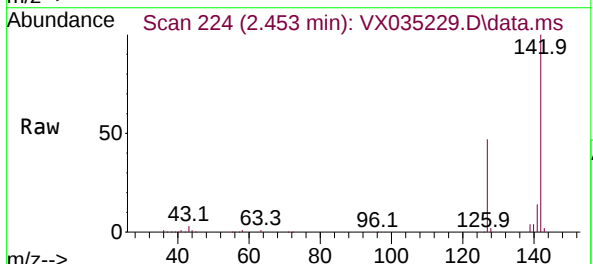
Manual Integrations
APPROVED

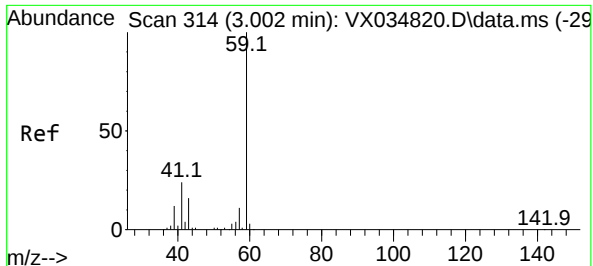
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#10
Methyl Iodide
Concen: 16.975 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

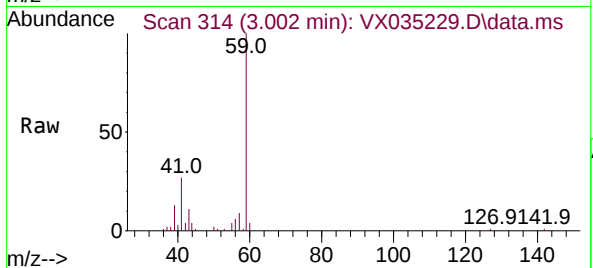
Tgt Ion:142 Resp: 61818
Ion Ratio Lower Upper
142 100
127 44.6 34.0 51.0
141 14.2 11.1 16.7





#11
Tert butyl alcohol
Concen: 81.662 ug/l m
RT: 3.002 min Scan# 314
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

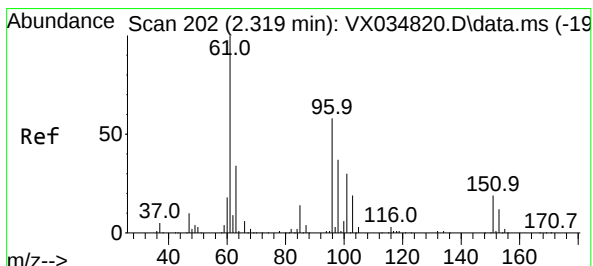
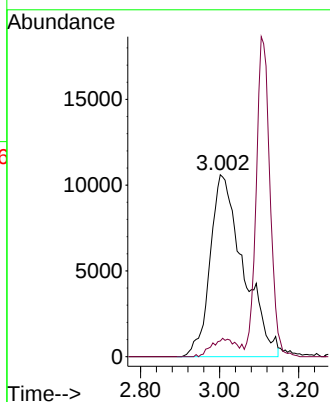
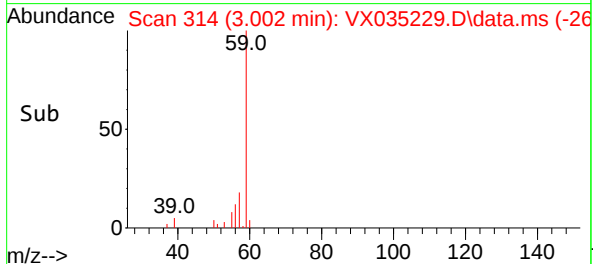
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01



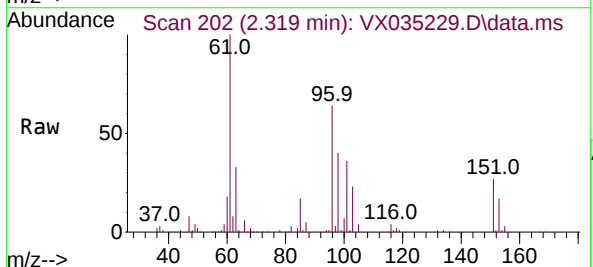
Tgt Ion: 59 Resp: 61670
Ion Ratio Lower Upper
59 100
57 7.1 8.1 12.1

Manual Integrations
APPROVED

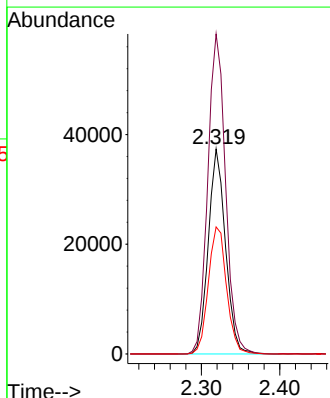
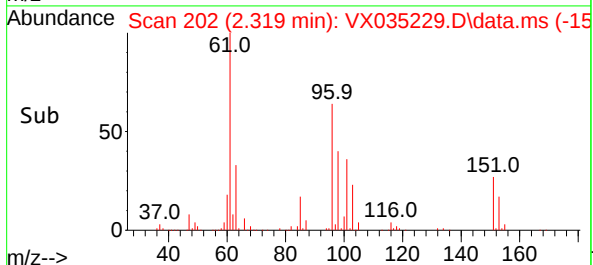
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023

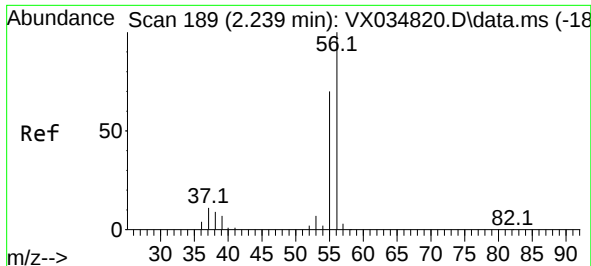


#12
1,1-Dichloroethene
Concen: 19.723 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27



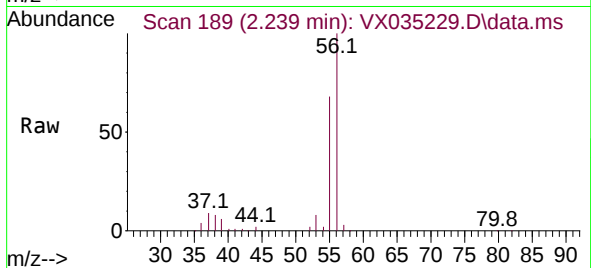
Tgt Ion: 96 Resp: 56992
Ion Ratio Lower Upper
96 100
61 156.2 128.8 193.2
98 62.0 51.4 77.0





#13
Acrolein
Concen: 75.073 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

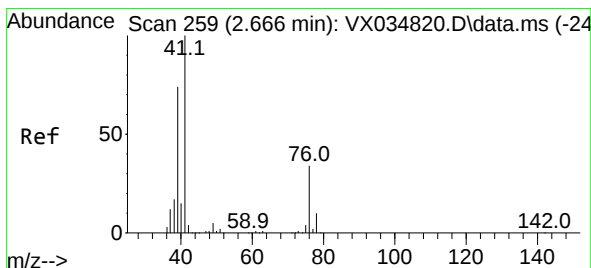
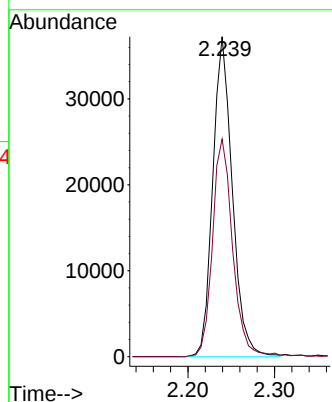
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01



Tgt Ion: 56 Resp: 5836
Ion Ratio Lower Upper
56 100
55 70.4 56.6 85.0

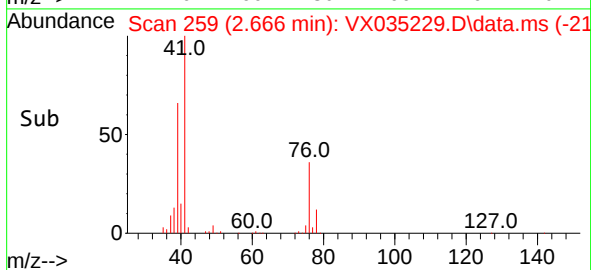
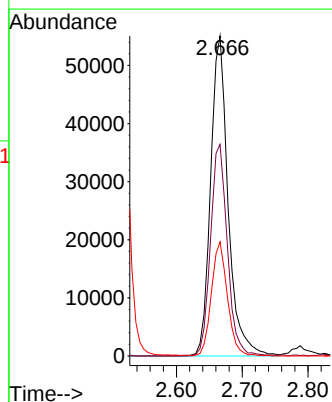
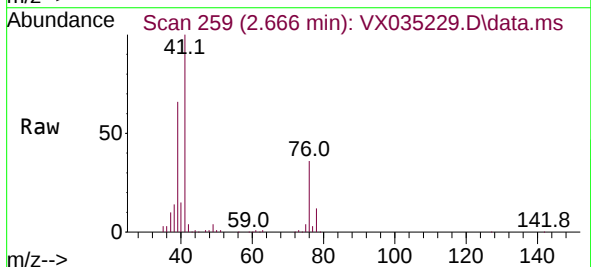
Manual Integrations
APPROVED

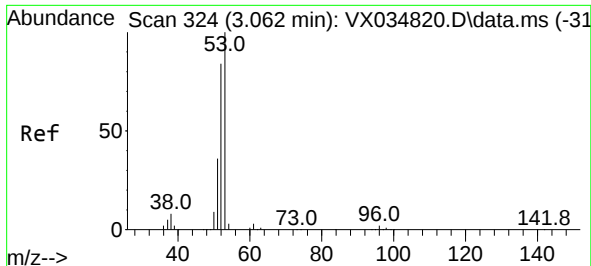
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#14
Allyl chloride
Concen: 18.051 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

Tgt Ion: 41 Resp: 102186
Ion Ratio Lower Upper
41 100
39 63.8 52.4 78.6
76 32.6 26.0 39.0





#15

Acrylonitrile

Concen: 98.604 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX035229.D

Acq: 21 Apr 2023 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS01

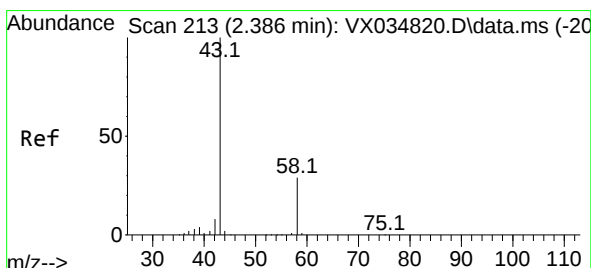
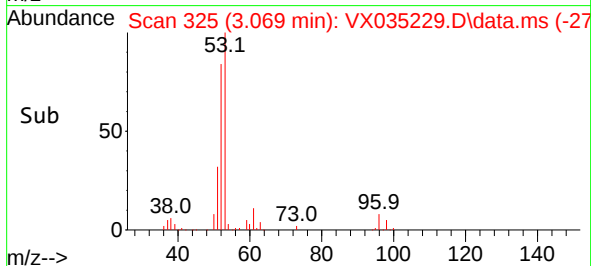
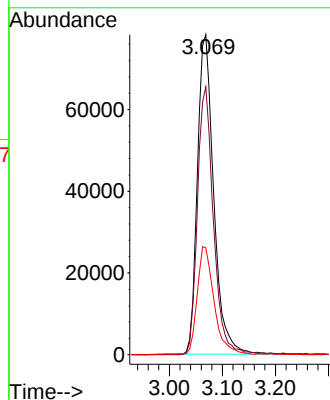
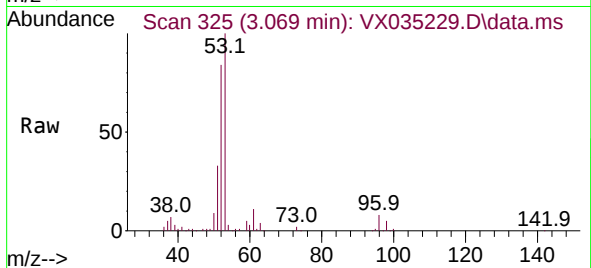
Tgt Ion: 53	Resp: 16763
Ion Ratio	Lower Upper
53	100
52	82.1 66.2 99.2
51	35.2 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#16

Acetone

Concen: 95.121 ug/l

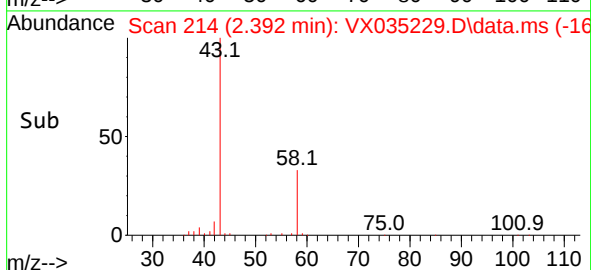
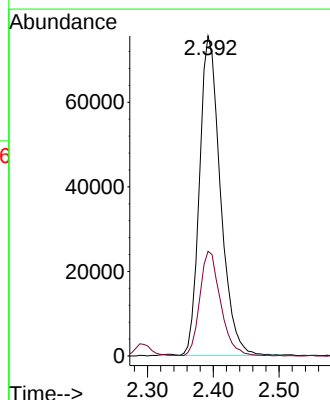
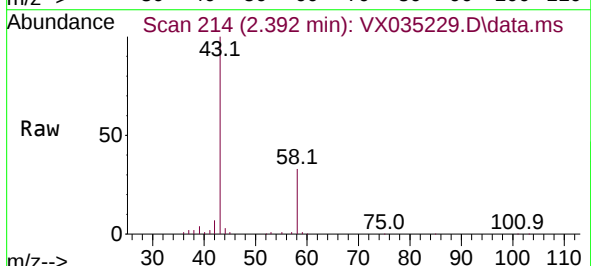
RT: 2.392 min Scan# 214

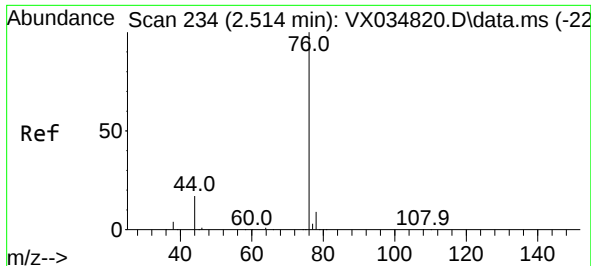
Delta R.T. 0.006 min

Lab File: VX035229.D

Acq: 21 Apr 2023 14:27

Tgt Ion: 43	Resp: 166336
Ion Ratio	Lower Upper
43	100
58	32.6 24.7 37.1





#17

Carbon Disulfide

Concen: 18.636 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX035229.D

Acq: 21 Apr 2023 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS01

Tgt Ion: 76 Resp: 13486

Ion Ratio Lower Upper

76 100

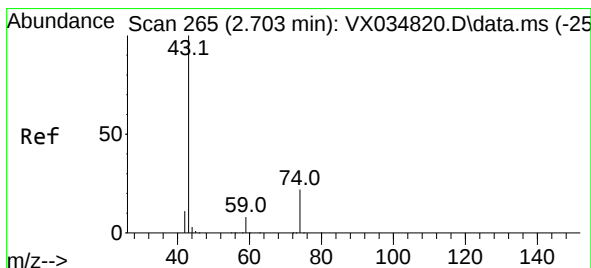
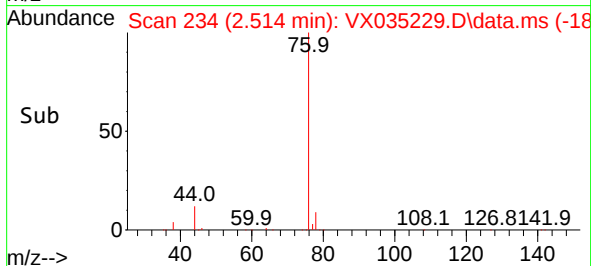
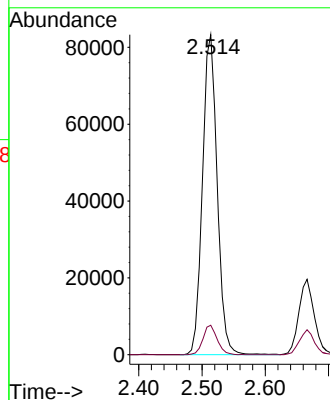
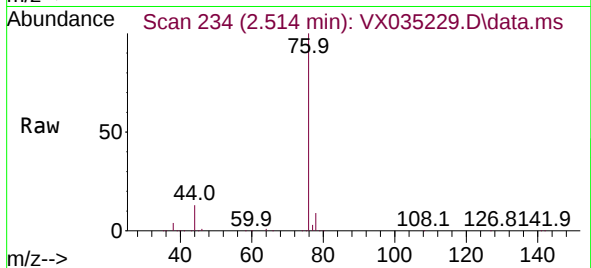
78 9.2 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#18

Methyl Acetate

Concen: 19.718 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX035229.D

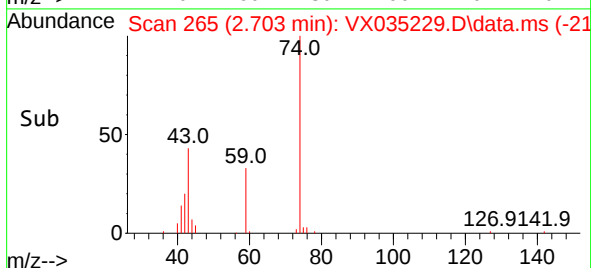
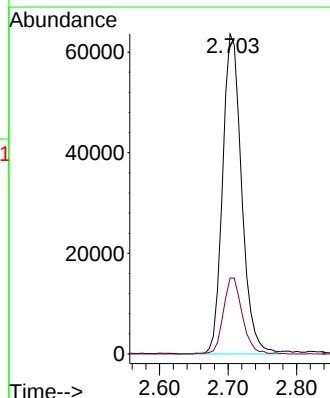
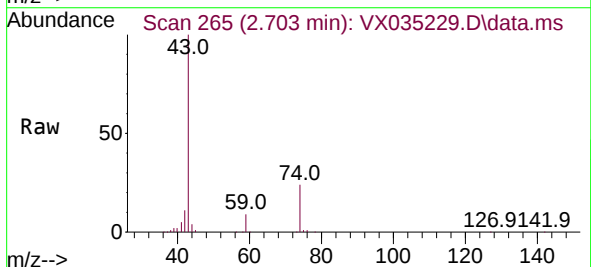
Acq: 21 Apr 2023 14:27

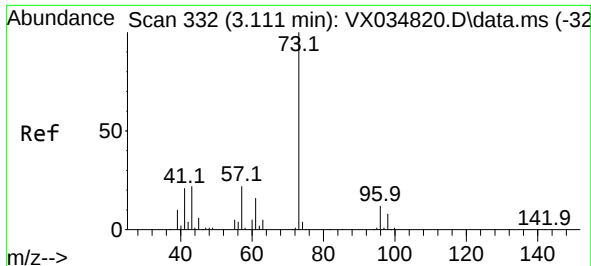
Tgt Ion: 43 Resp: 122511

Ion Ratio Lower Upper

43 100

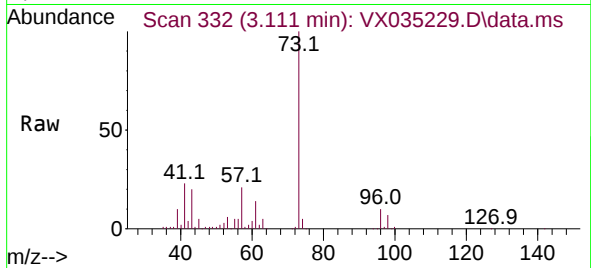
74 23.8 18.3 27.5





#19
Methyl tert-butyl Ether
Concen: 19.113 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

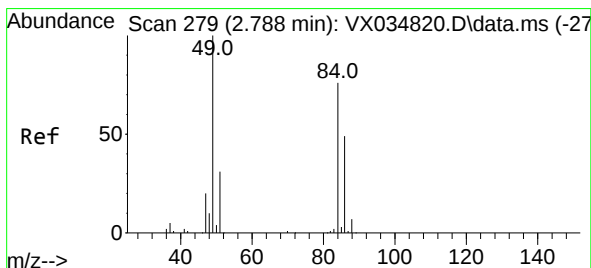
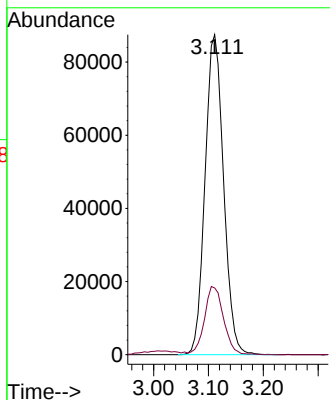
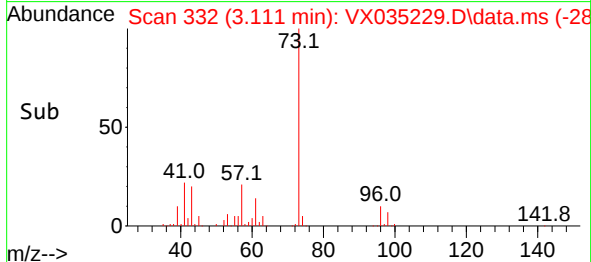
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01



Tgt Ion: 73 Resp: 20447
Ion Ratio Lower Upper
73 100
57 20.9 18.5 27.7

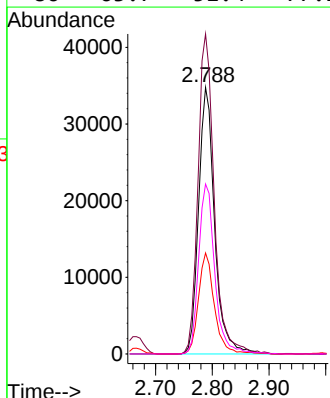
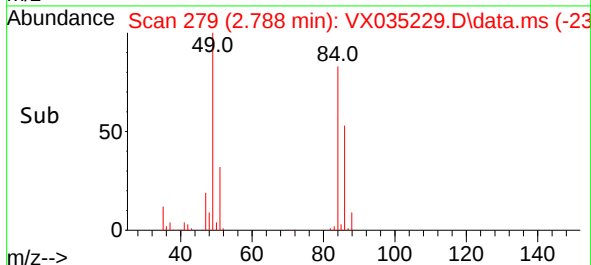
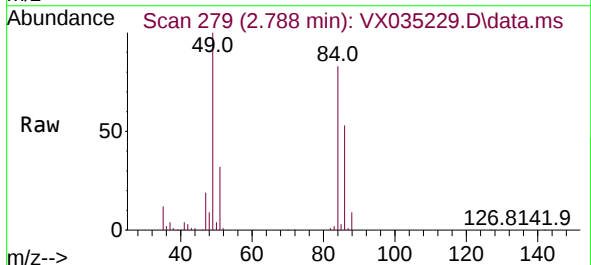
Manual Integrations
APPROVED

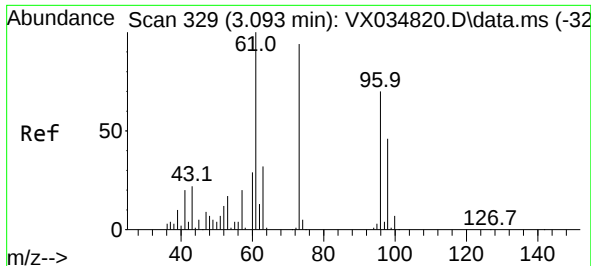
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#20
Methylene Chloride
Concen: 19.788 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

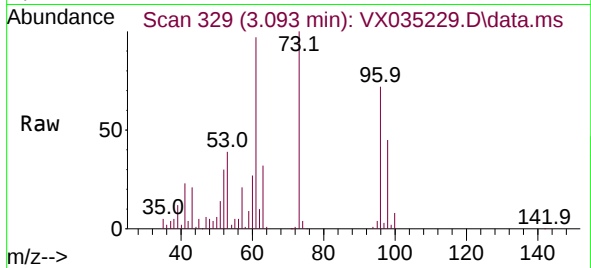
Tgt Ion: 84 Resp: 68283
Ion Ratio Lower Upper
84 100
49 120.0 103.8 155.8
51 37.8 31.8 47.8
86 63.7 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 20.185 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

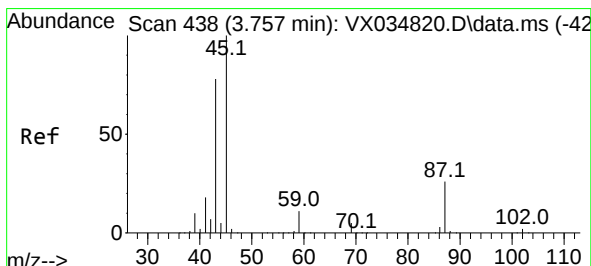
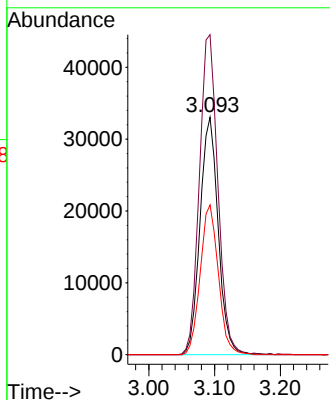
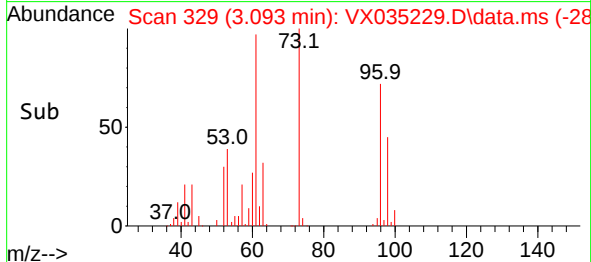
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01



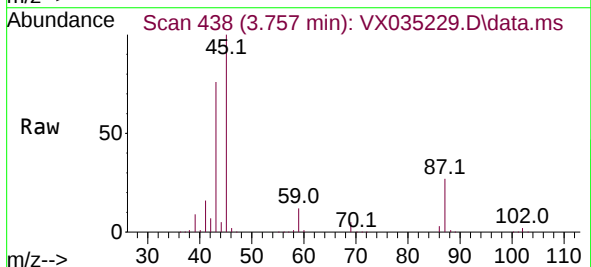
Tgt Ion: 96 Resp: 63610
Ion Ratio Lower Upper
96 100
61 134.8 113.0 169.6
98 63.1 52.1 78.1

Manual Integrations
APPROVED

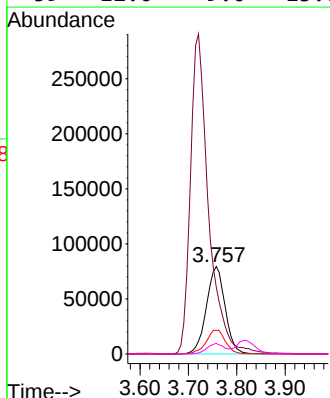
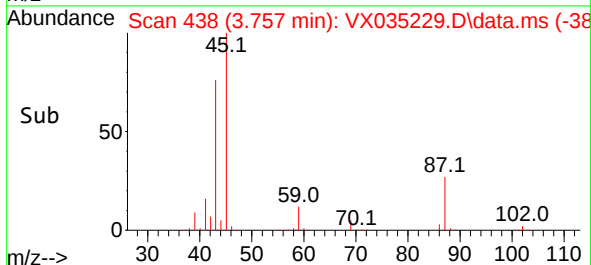
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023

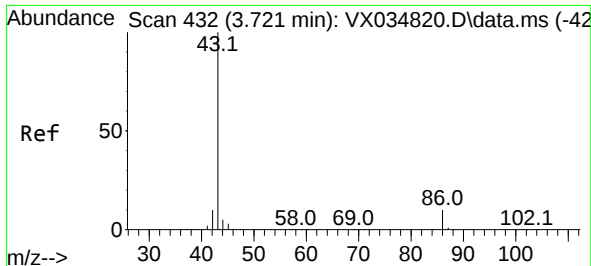


#22
Diisopropyl ether
Concen: 18.681 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27



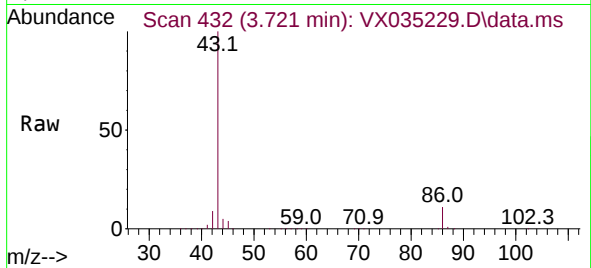
Tgt Ion: 45 Resp: 213385
Ion Ratio Lower Upper
45 100
43 75.5 65.4 98.2
87 27.3 20.6 31.0
59 12.0 9.0 13.6





#23
 Vinyl Acetate
 Concen: 93.362 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX035229.D
 Acq: 21 Apr 2023 14:27

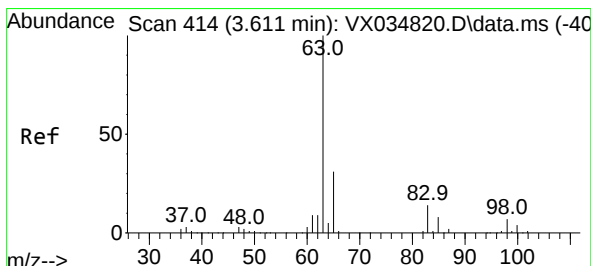
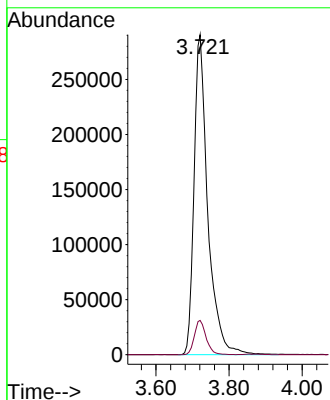
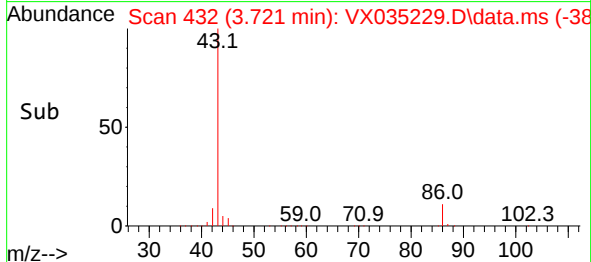
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBS01



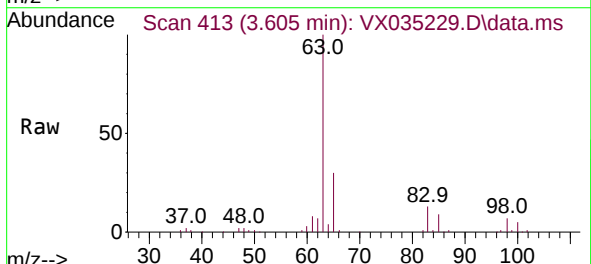
Tgt Ion: 43 Resp: 760562
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.5 12.7

Manual Integrations
 APPROVED

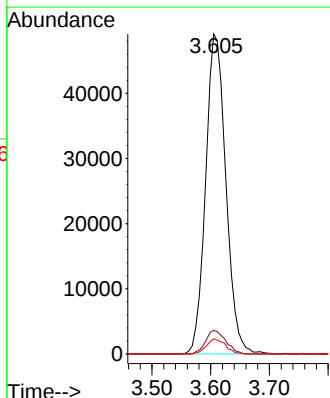
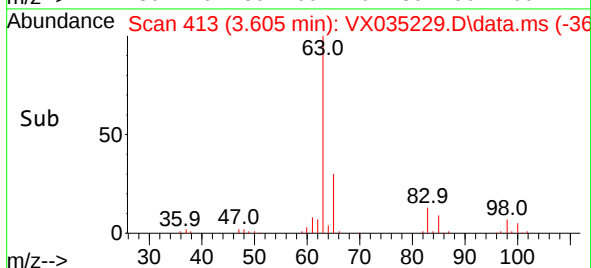
Reviewed By :John Carlone 04/24/2023
 Supervised By :Mahesh Dadoda 04/24/2023

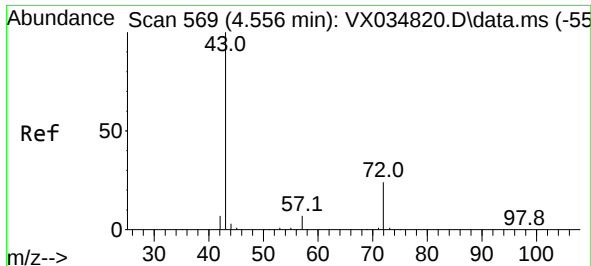


#24
 1,1-Dichloroethane
 Concen: 19.121 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX035229.D
 Acq: 21 Apr 2023 14:27



Tgt Ion: 63 Resp: 117511
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.8 11.2
 100 4.8 2.4 7.1





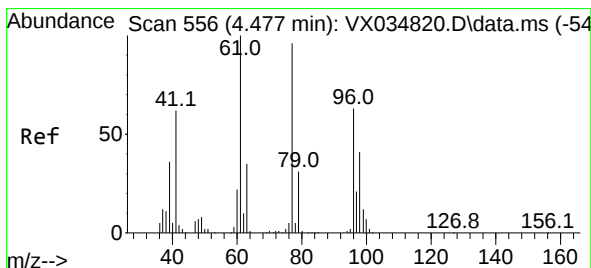
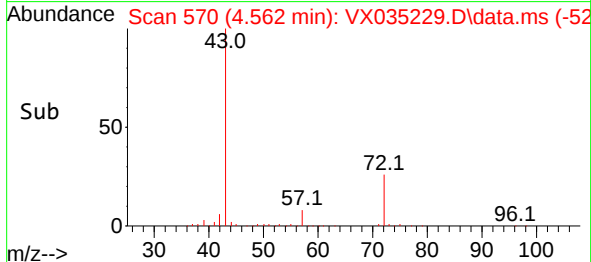
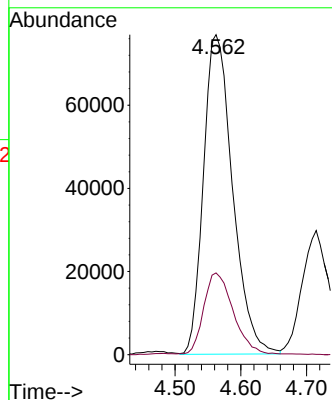
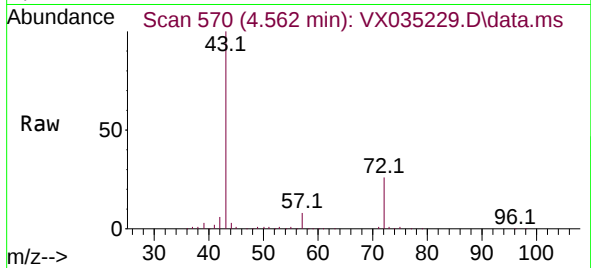
#25
2-Butanone
Concen: 93.321 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01

Tgt Ion: 43 Resp: 237380
Ion Ratio Lower Upper
43 100
72 25.4 19.3 28.9

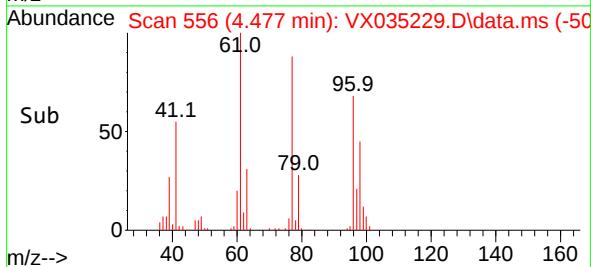
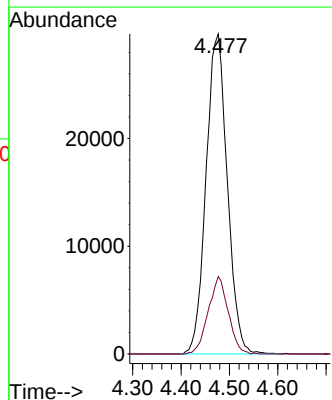
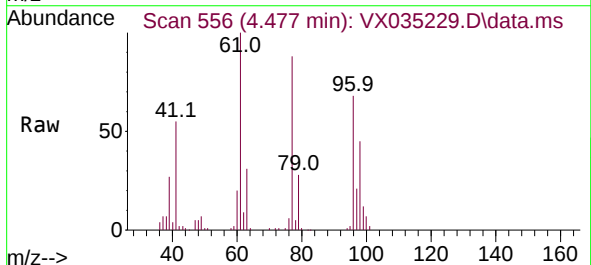
Manual Integrations
APPROVED

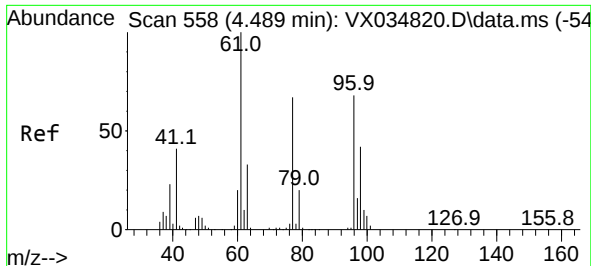
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#26
2,2-Dichloropropane
Concen: 17.952 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

Tgt Ion: 77 Resp: 90729
Ion Ratio Lower Upper
77 100
97 22.8 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 19.906 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX035229.D

Acq: 21 Apr 2023 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS01

Tgt Ion: 96 Resp: 7433

Ion Ratio Lower Upper

96 100

61 140.7 0.0 300.4

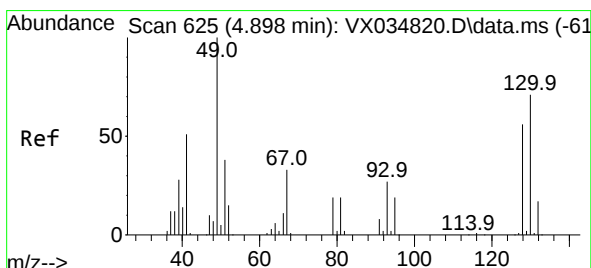
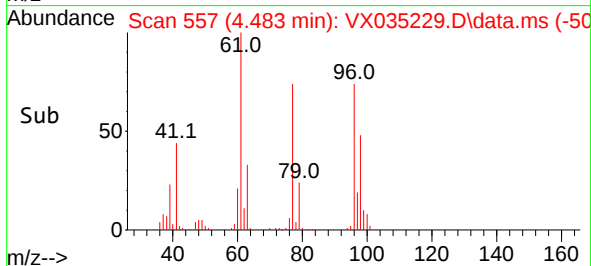
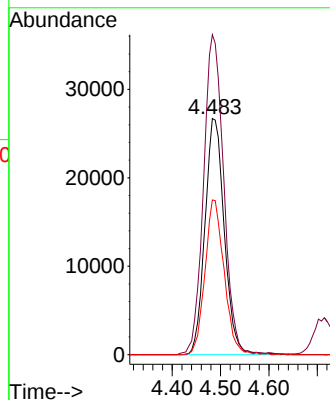
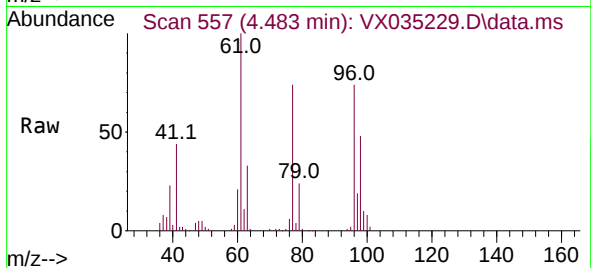
98 64.4 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#28

Bromochloromethane

Concen: 22.058 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX035229.D

Acq: 21 Apr 2023 14:27

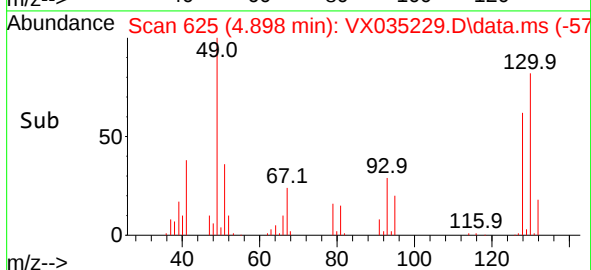
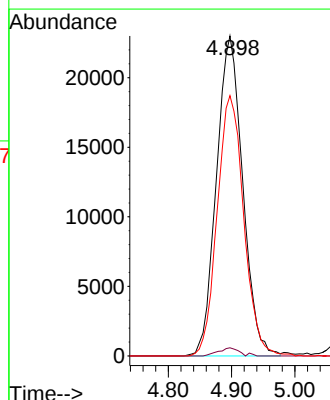
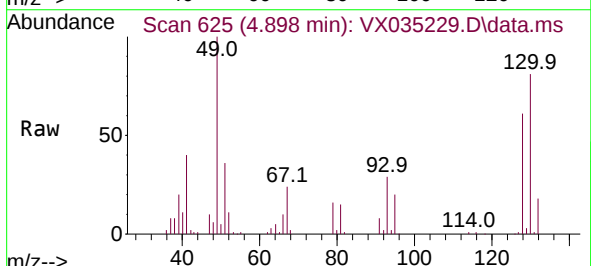
Tgt Ion: 49 Resp: 66313

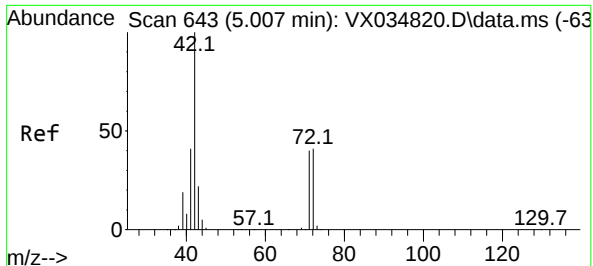
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 82.3 58.2 87.2





#29

Tetrahydrofuran

Concen: 90.320 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX035229.D

Acq: 21 Apr 2023 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS01

Tgt Ion: 42 Resp: 143925

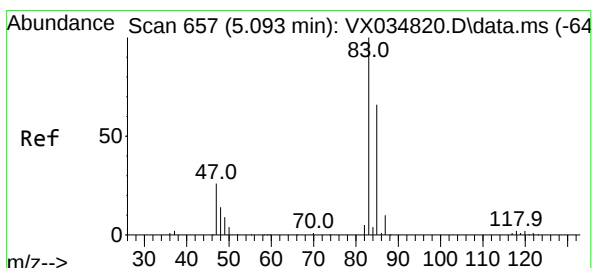
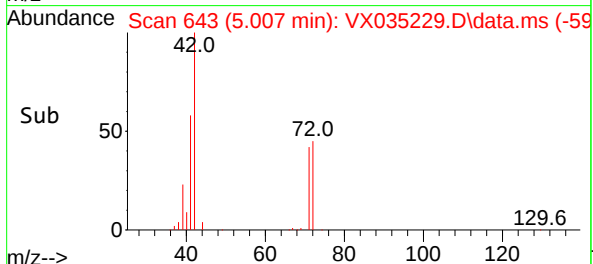
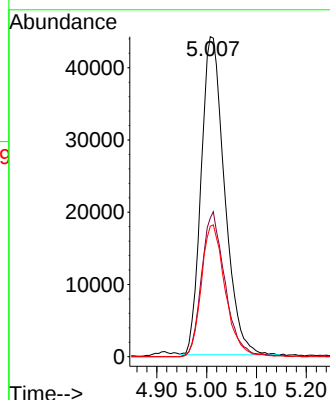
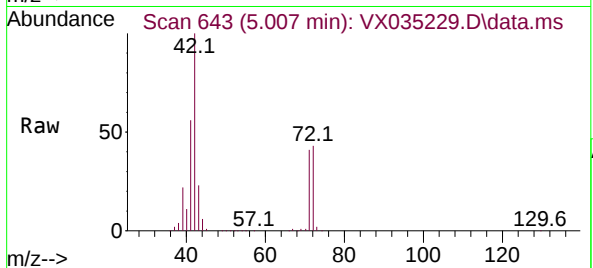
Ion	Ratio	Lower	Upper
42	100		
72	45.4	34.5	51.7
71	41.9	32.1	48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#30

Chloroform

Concen: 18.886 ug/l

RT: 5.093 min Scan# 657

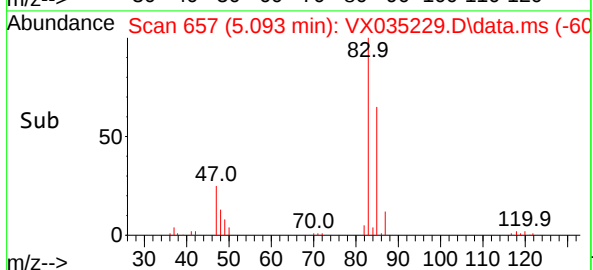
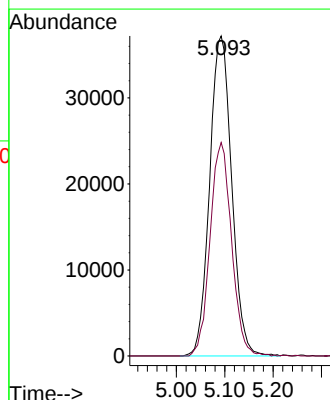
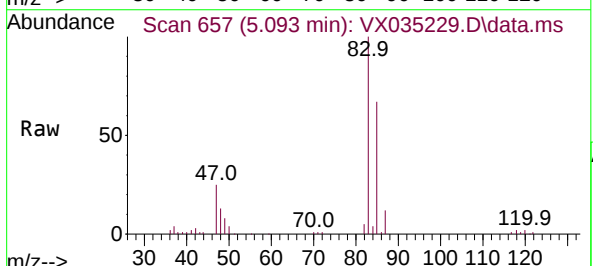
Delta R.T. 0.000 min

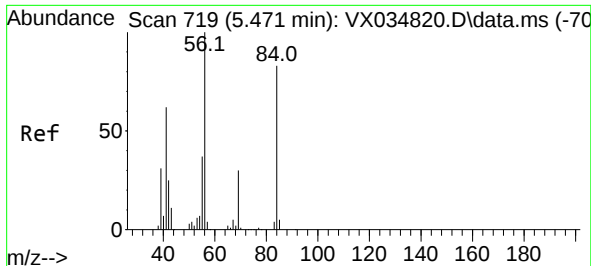
Lab File: VX035229.D

Acq: 21 Apr 2023 14:27

Tgt Ion: 83 Resp: 117892

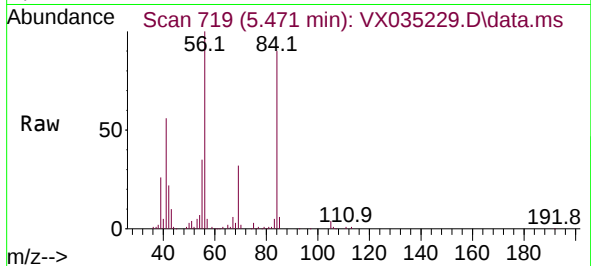
Ion	Ratio	Lower	Upper
83	100		
85	66.7	50.6	76.0





#31
Cyclohexane
Concen: 20.205 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

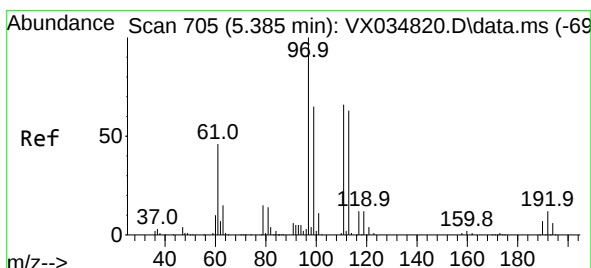
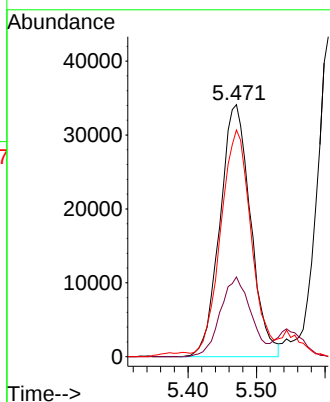
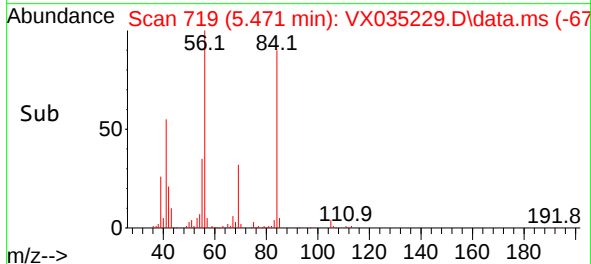
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01



Tgt Ion: 56 Resp: 10590
Ion Ratio Lower Upper
56 100
69 31.6 23.7 35.5
84 88.6 68.5 102.7

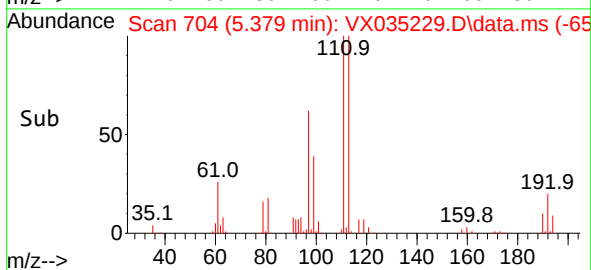
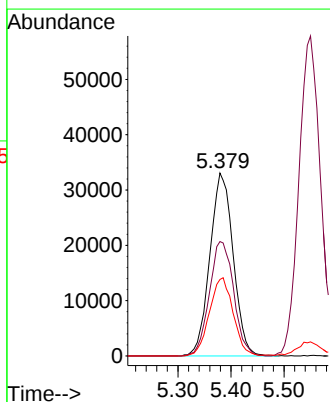
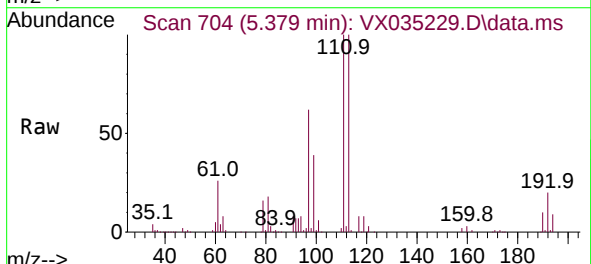
Manual Integrations
APPROVED

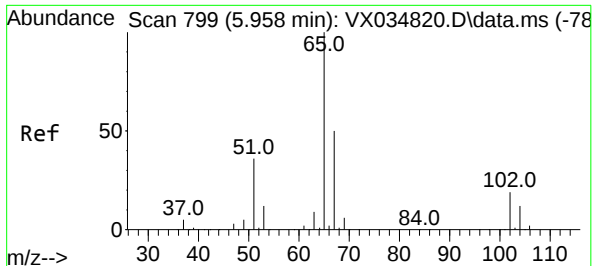
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#32
1,1,1-Trichloroethane
Concen: 18.957 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

Tgt Ion: 97 Resp: 100984
Ion Ratio Lower Upper
97 100
99 65.0 51.1 76.7
61 43.5 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 43.375 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035229.D

Acq: 21 Apr 2023 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS01

Tgt Ion: 65 Resp: 18671

Ion Ratio Lower Upper

65 100

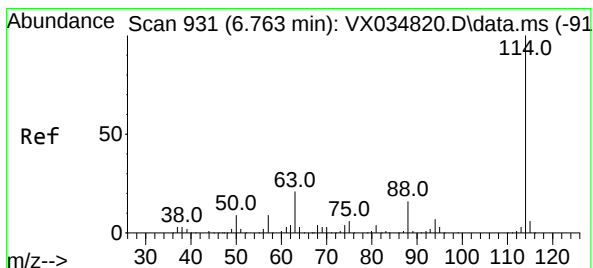
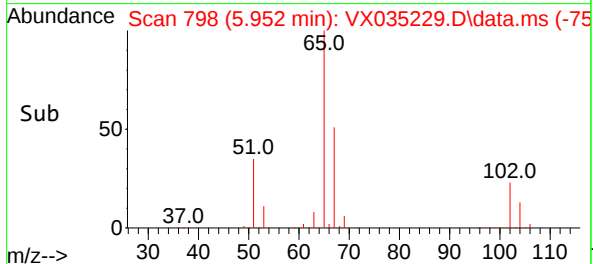
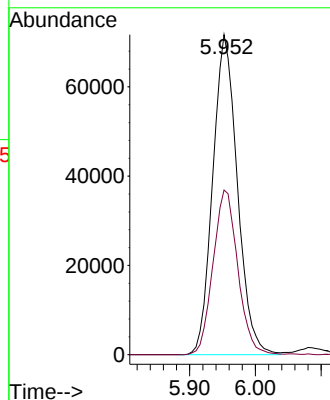
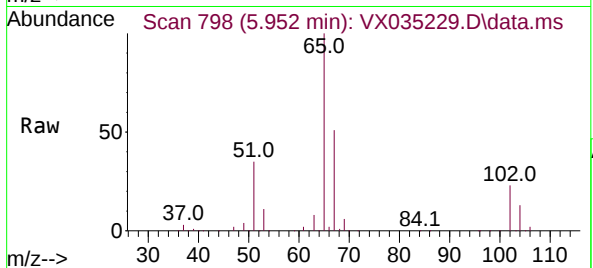
67 51.7 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035229.D

Acq: 21 Apr 2023 14:27

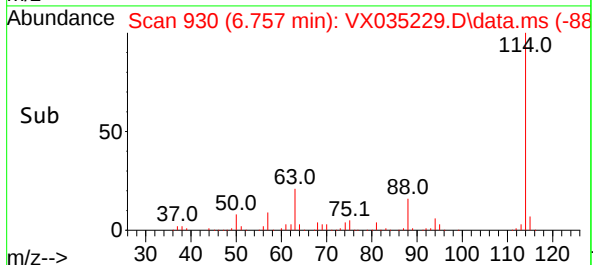
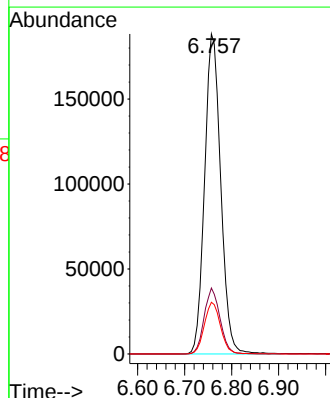
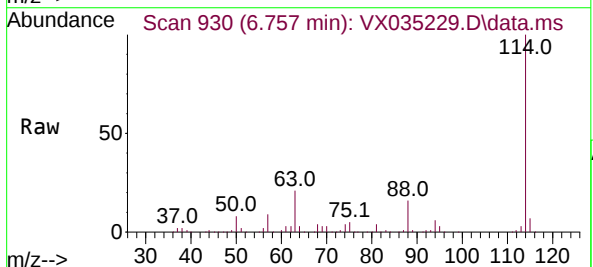
Tgt Ion:114 Resp: 448100

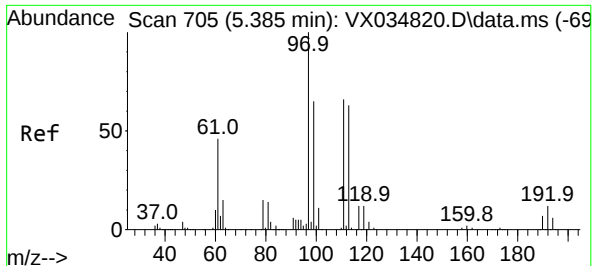
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.2

88 16.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.283 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX035229.D

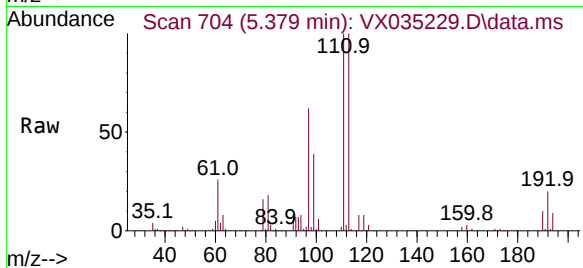
Acq: 21 Apr 2023 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS01



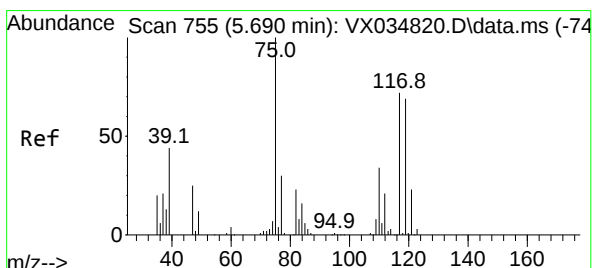
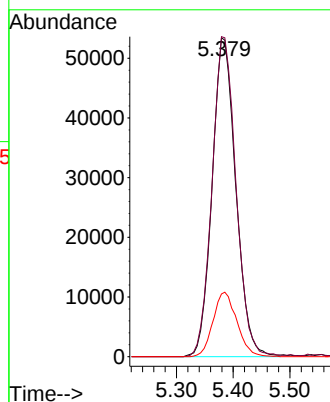
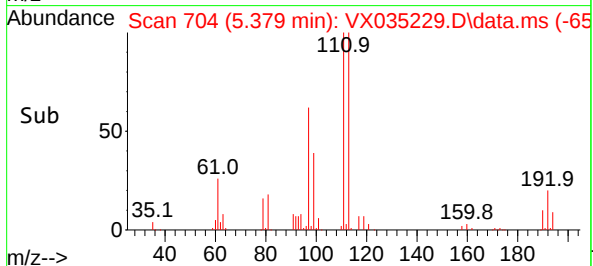
Tgt Ion:	113	Resp:	15495
Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.7	125.5
192	20.4	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#36

1,1-Dichloropropene

Concen: 20.084 ug/l

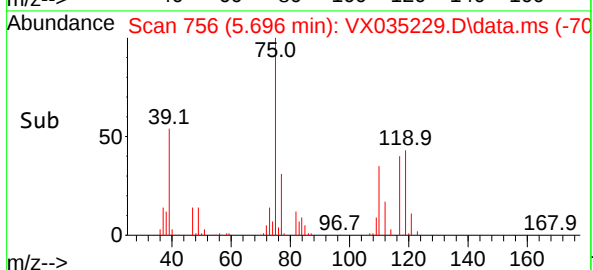
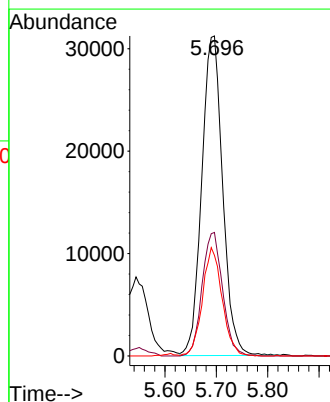
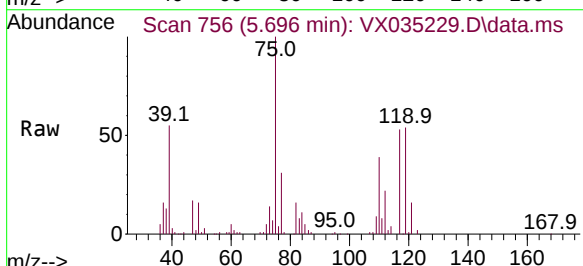
RT: 5.696 min Scan# 756

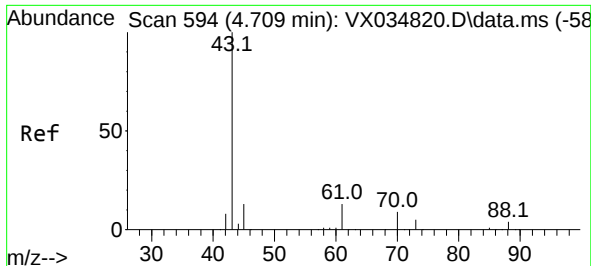
Delta R.T. 0.006 min

Lab File: VX035229.D

Acq: 21 Apr 2023 14:27

Tgt Ion:	75	Resp:	88186
Ion	Ratio	Lower	Upper
75	100		
110	37.9	17.5	52.5
77	31.9	24.3	36.5





#37

Ethyl Acetate

Concen: 18.970 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX035229.D

Acq: 21 Apr 2023 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS01

Tgt Ion: 43 Resp: 8709

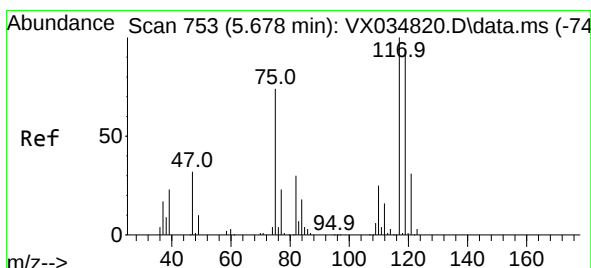
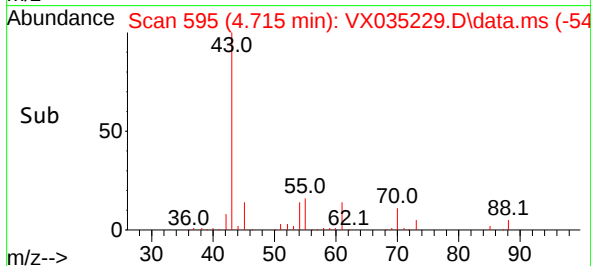
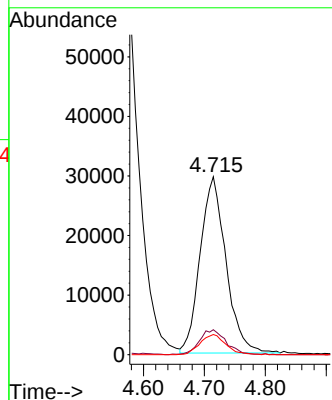
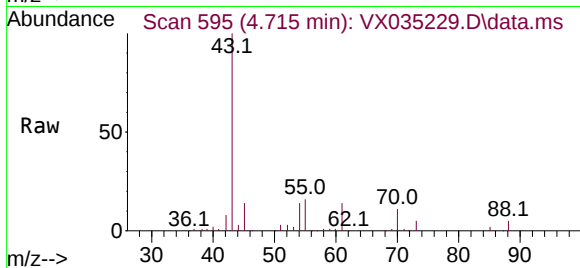
Ion	Ratio	Lower	Upper
43	100		
61	14.7	10.2	15.4
70	11.4	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#38

Carbon Tetrachloride

Concen: 20.632 ug/l

RT: 5.678 min Scan# 753

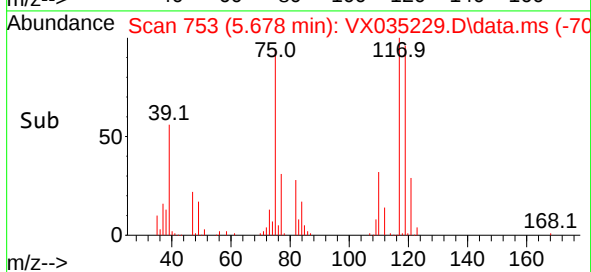
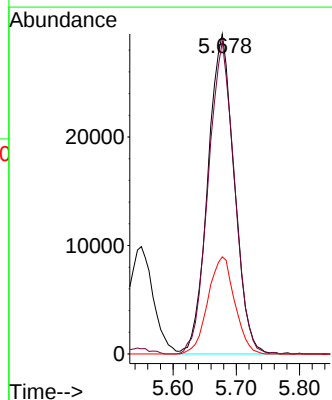
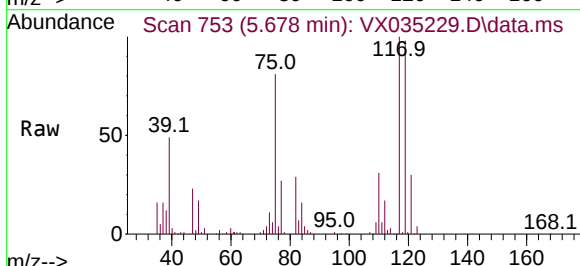
Delta R.T. 0.000 min

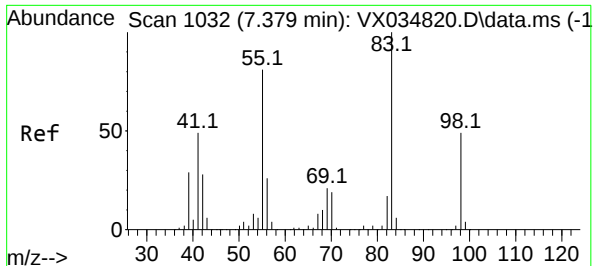
Lab File: VX035229.D

Acq: 21 Apr 2023 14:27

Tgt Ion:117 Resp: 85414

Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.6	114.8
121	30.4	23.8	35.6





#39

Methylcyclohexane

Concen: 24.753 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX035229.D

Acq: 21 Apr 2023 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS01

Tgt Ion: 83 Resp: 11541

Ion Ratio Lower Upper

83 100

55 79.2 60.5 90.7

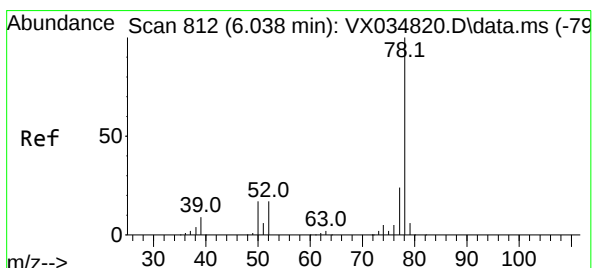
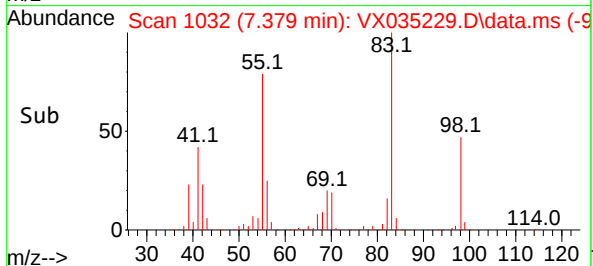
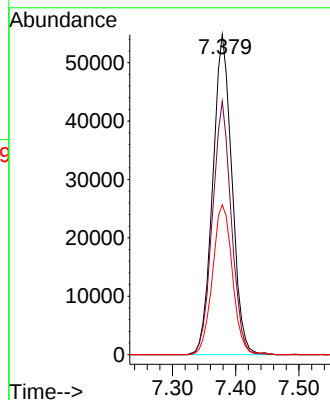
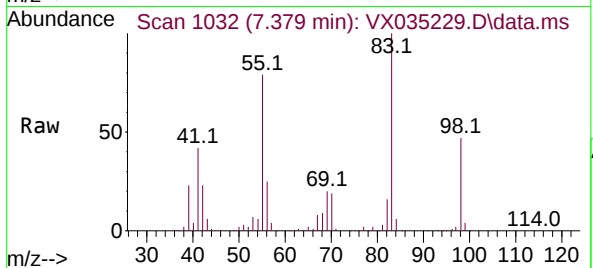
98 46.8 40.4 60.6

Manual Integrations

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Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#40

Benzene

Concen: 20.854 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX035229.D

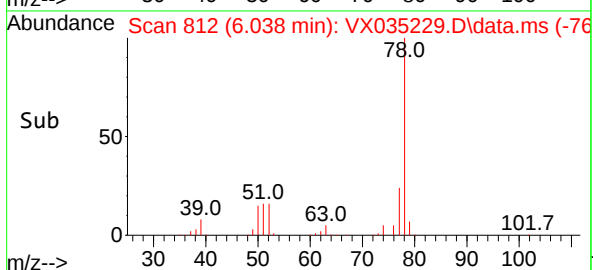
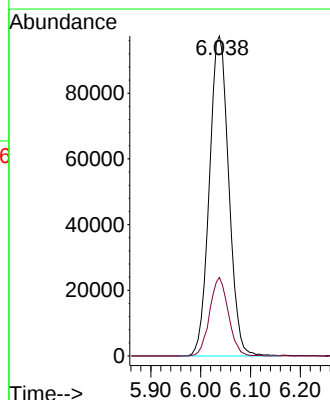
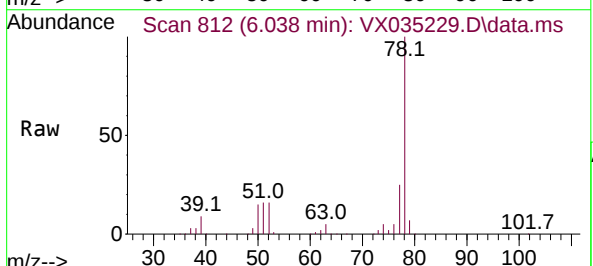
Acq: 21 Apr 2023 14:27

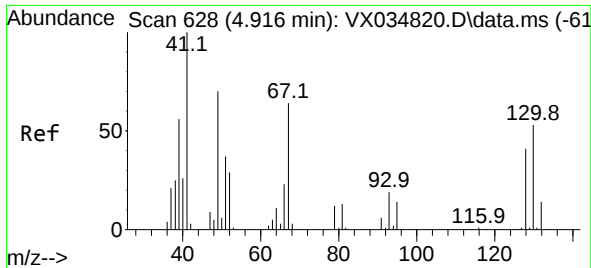
Tgt Ion: 78 Resp: 262853

Ion Ratio Lower Upper

78 100

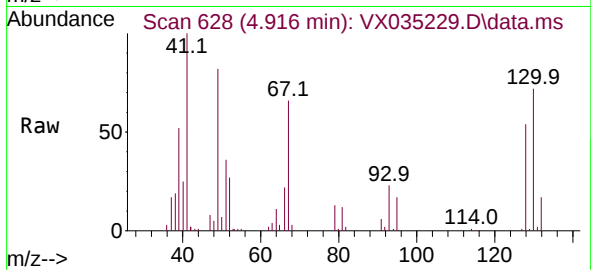
77 24.5 19.0 28.4





#41
Methacrylonitrile
Concen: 20.135 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

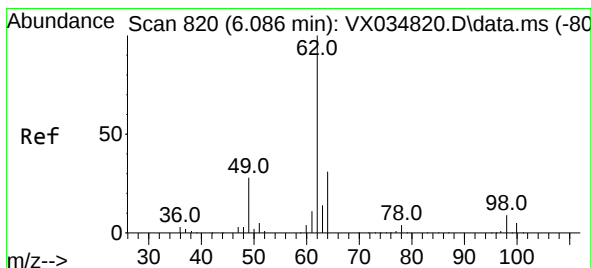
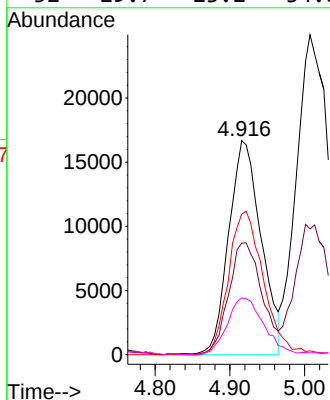
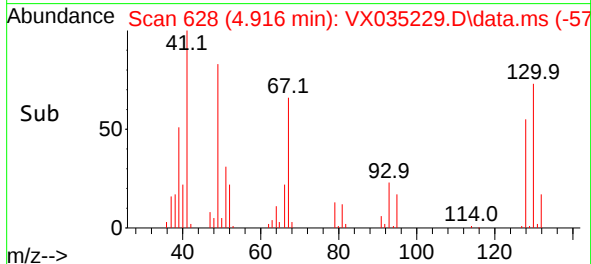
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01



Tgt Ion: 41 Resp: 50270
Ion Ratio Lower Upper
41 100
39 53.7 45.0 67.6
67 72.6 55.6 83.4
52 29.7 23.2 34.8

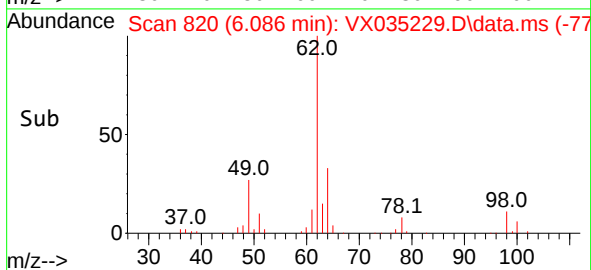
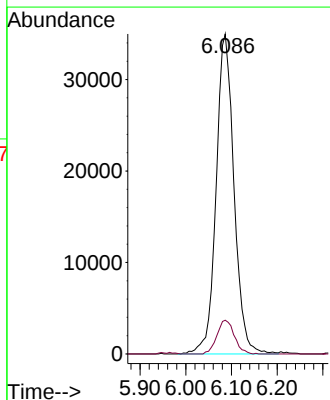
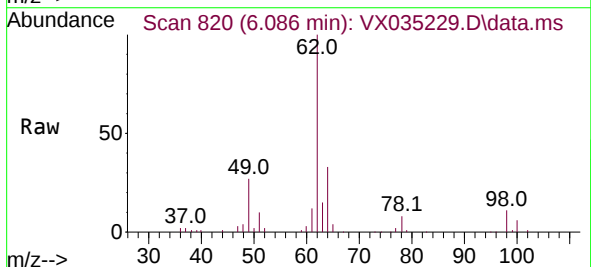
Manual Integrations
APPROVED

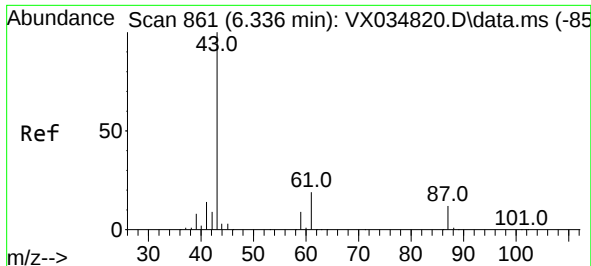
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#42
1,2-Dichloroethane
Concen: 18.978 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

Tgt Ion: 62 Resp: 95102
Ion Ratio Lower Upper
62 100
98 10.3 0.0 18.0





#43

Isopropyl Acetate

Concen: 18.620 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX035229.D

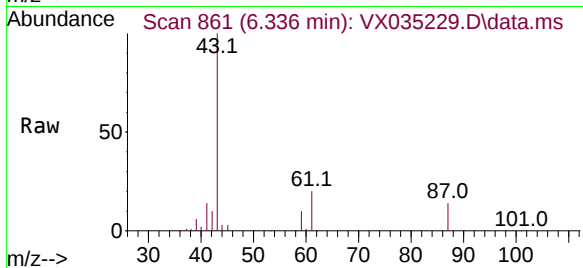
Acq: 21 Apr 2023 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS01



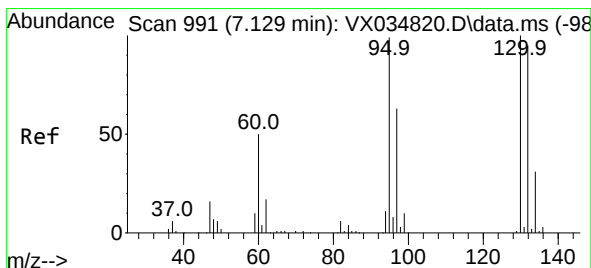
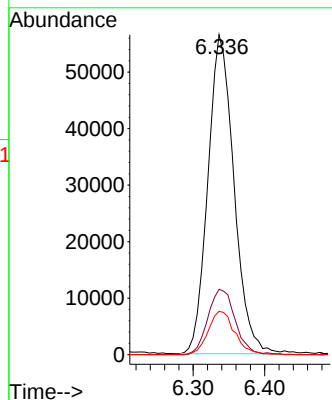
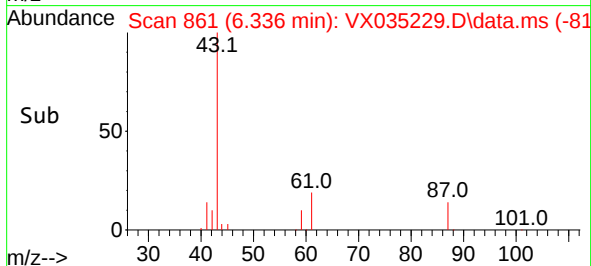
Tgt Ion: 43	Resp: 143029
Ion Ratio	Lower Upper
43	100
61	21.5 15.2 22.8
87	13.8 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#44

Trichloroethene

Concen: 22.227 ug/l

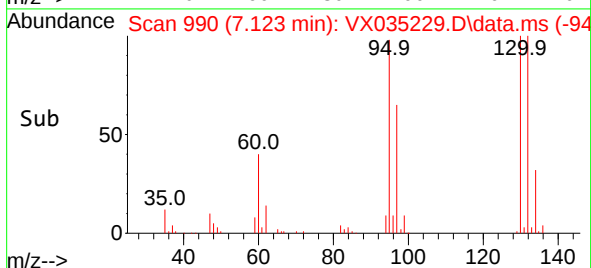
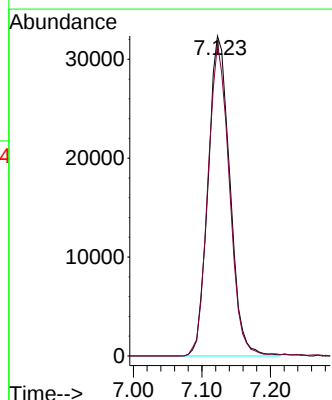
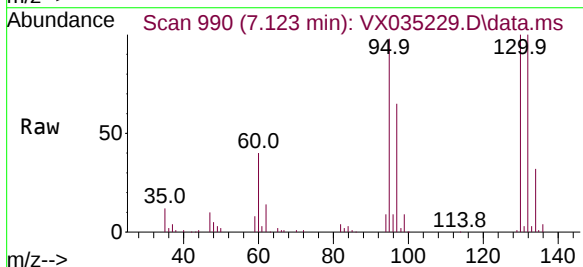
RT: 7.123 min Scan# 990

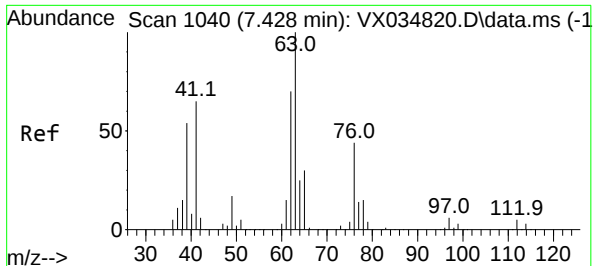
Delta R.T. -0.006 min

Lab File: VX035229.D

Acq: 21 Apr 2023 14:27

Tgt Ion:130	Resp: 71516
Ion Ratio	Lower Upper
130	100
95	97.7 0.0 198.4





#45

1,2-Dichloropropane

Concen: 21.186 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035229.D

Acq: 21 Apr 2023 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS01

Tgt Ion: 63 Resp: 6958

Ion Ratio Lower Upper

63 100

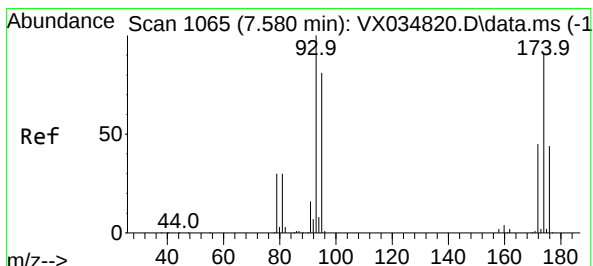
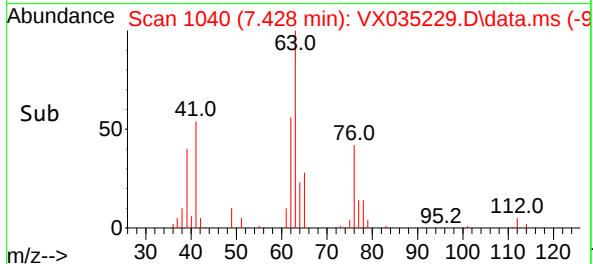
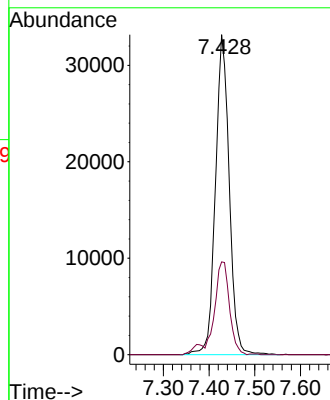
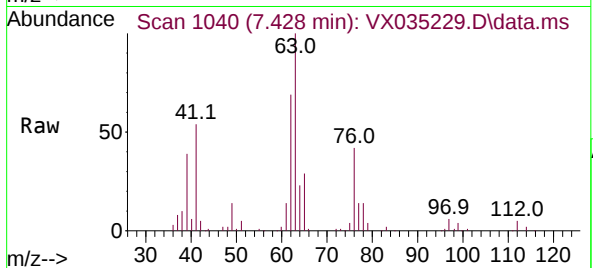
65 29.0 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#46

Dibromomethane

Concen: 19.750 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX035229.D

Acq: 21 Apr 2023 14:27

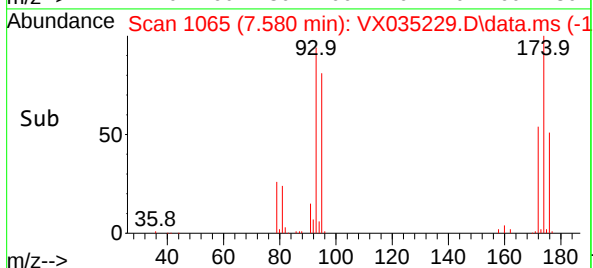
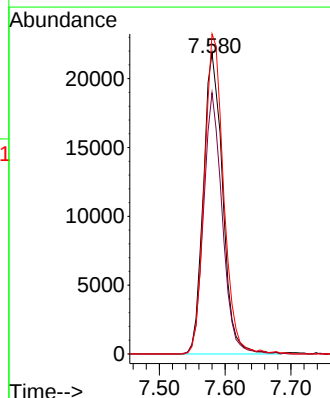
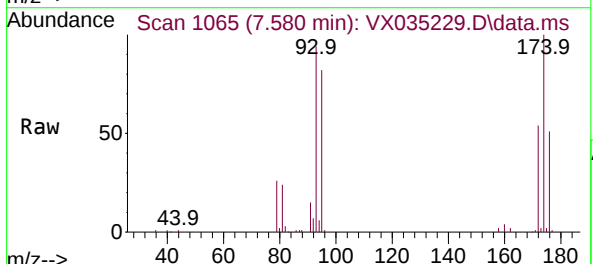
Tgt Ion: 93 Resp: 44634

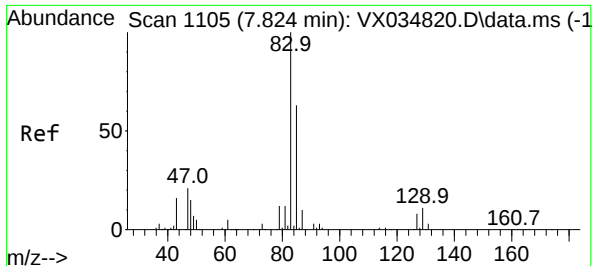
Ion Ratio Lower Upper

93 100

95 84.1 66.9 100.3

174 105.8 75.4 113.0





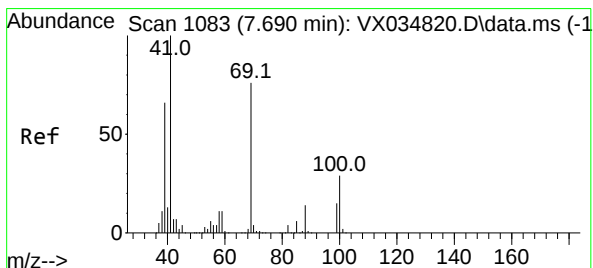
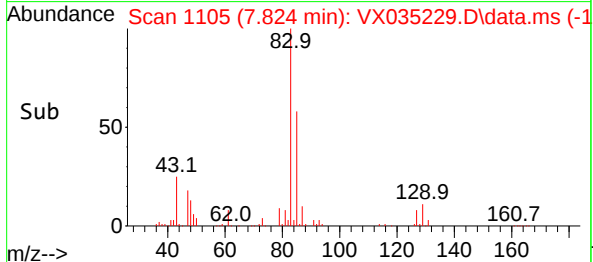
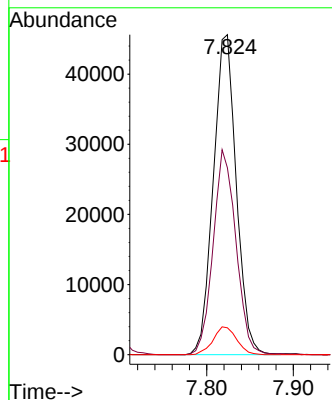
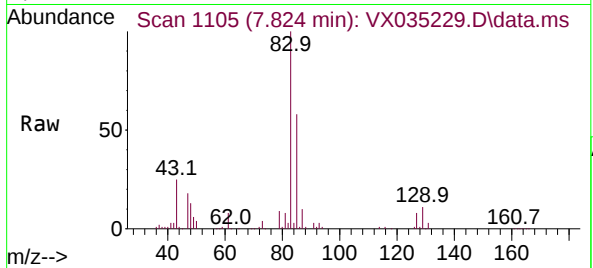
#47
Bromodichloromethane
Concen: 20.142 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01

Tgt Ion: 83 Resp: 84084
Ion Ratio Lower Upper
83 100
85 58.4 52.2 78.4
127 8.4 6.6 9.8

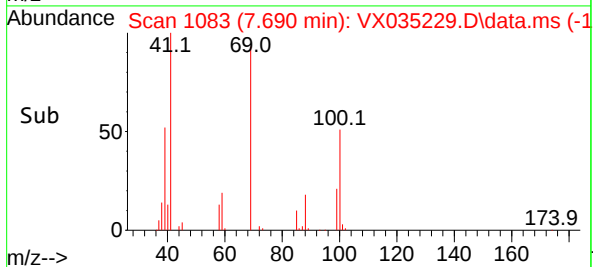
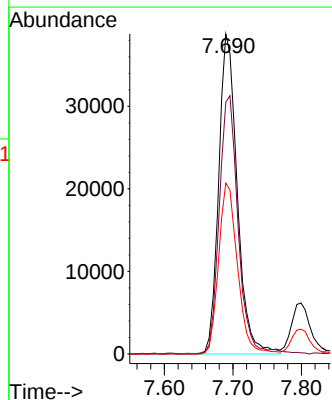
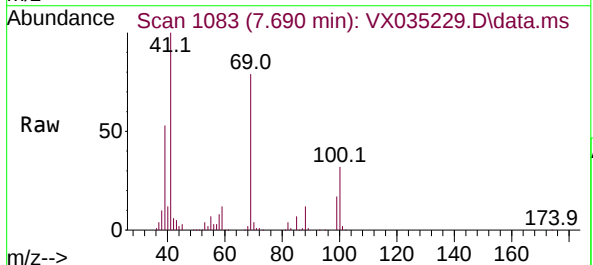
Manual Integrations
APPROVED

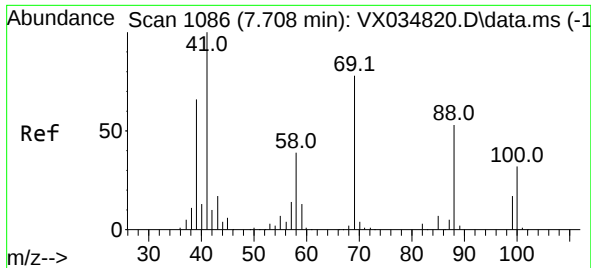
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#48
Methyl methacrylate
Concen: 19.297 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

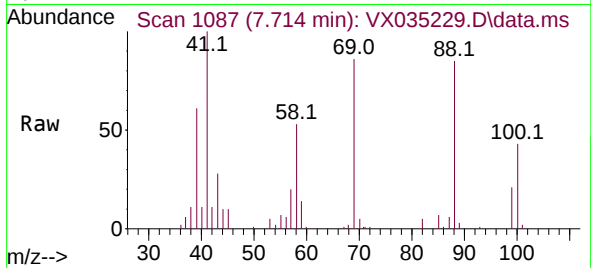
Tgt Ion: 41 Resp: 72794
Ion Ratio Lower Upper
41 100
69 82.0 62.2 93.4
39 54.3 47.7 71.5





#49
1,4-Dioxane
Concen: 390.750 ug/l
RT: 7.714 min Scan# 1086
Delta R.T. 0.006 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

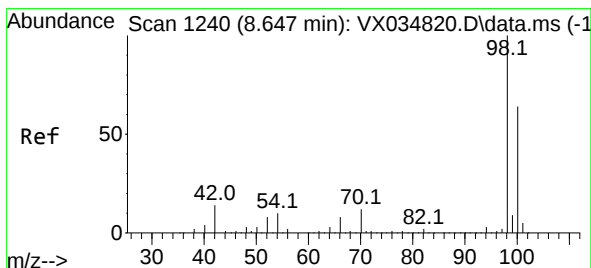
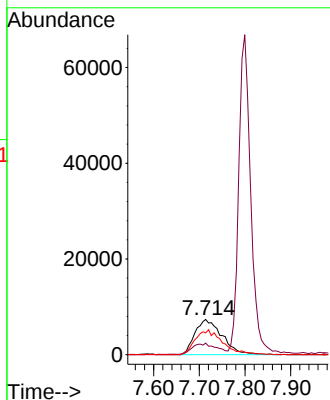
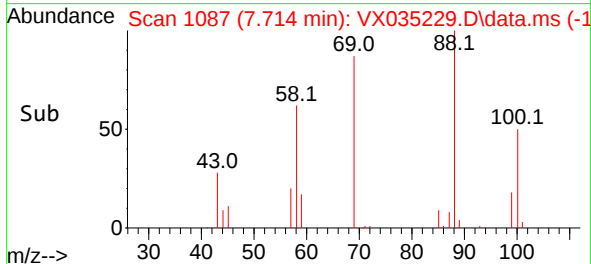
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01



Tgt Ion: 88 Resp: 3037
Ion Ratio Lower Upper
88 100
43 28.1 27.7 41.5
58 71.1 56.8 85.2

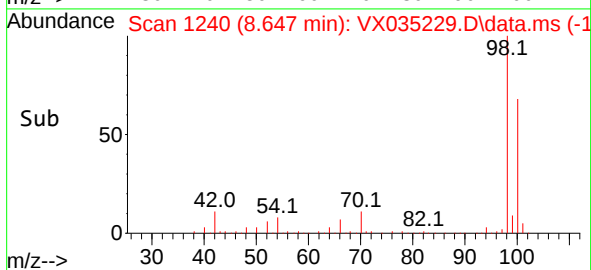
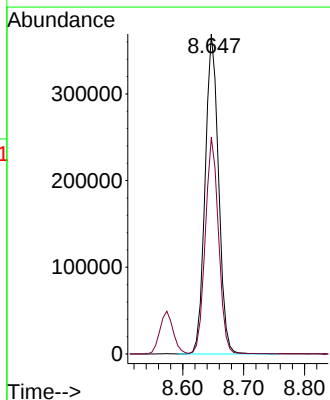
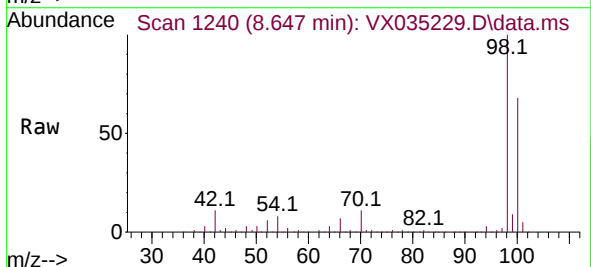
Manual Integrations
APPROVED

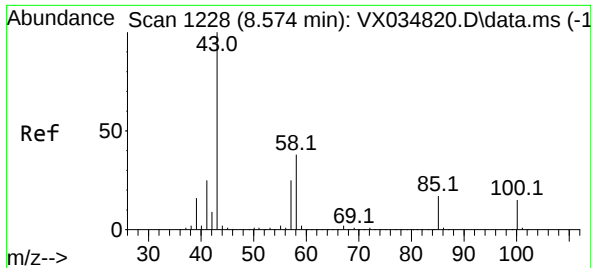
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#50
Toluene-d8
Concen: 51.509 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

Tgt Ion: 98 Resp: 563485
Ion Ratio Lower Upper
98 100
100 67.0 52.5 78.7





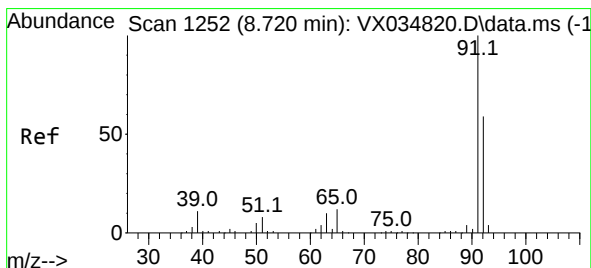
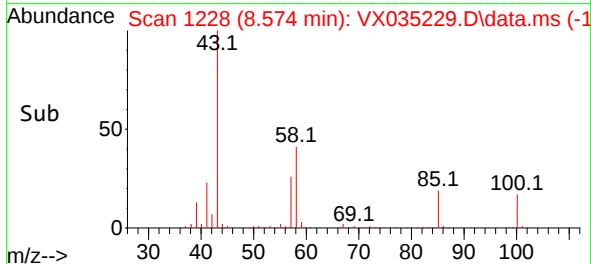
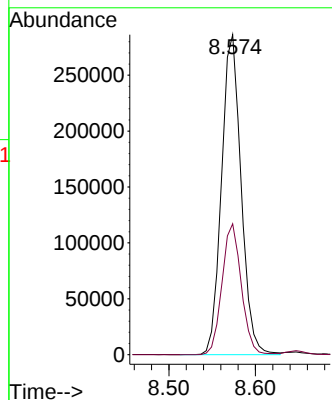
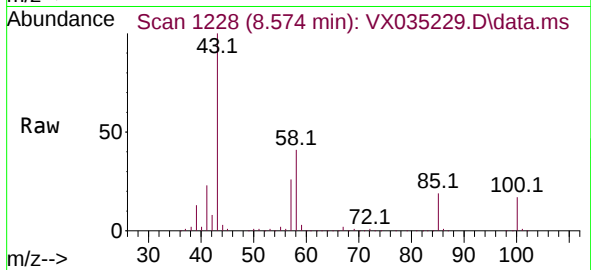
#51
4-Methyl-2-Pentanone
Concen: 98.863 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01

Tgt Ion: 43 Resp: 449440
Ion Ratio Lower Upper
43 100
58 40.2 30.6 46.0

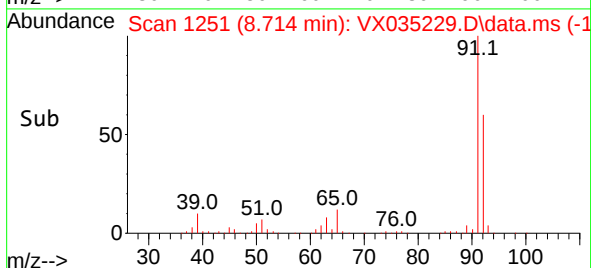
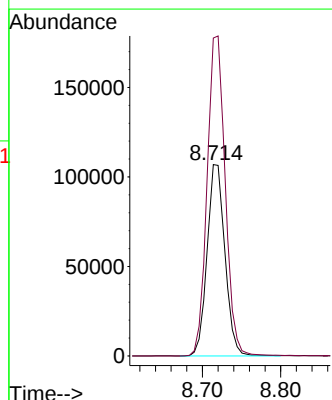
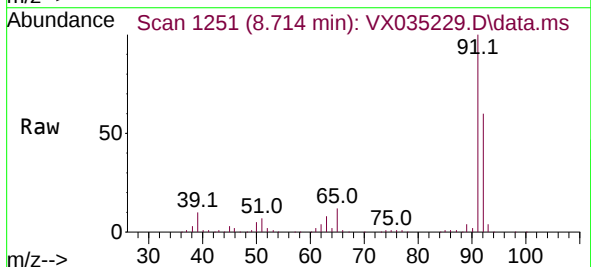
Manual Integrations
APPROVED

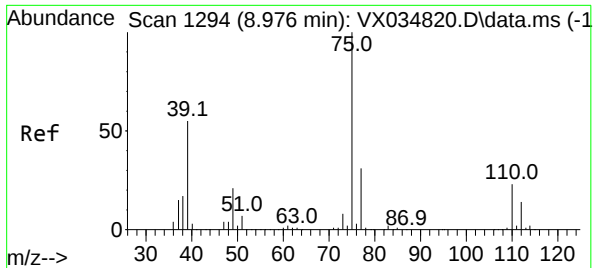
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#52
Toluene
Concen: 20.543 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

Tgt Ion: 92 Resp: 168832
Ion Ratio Lower Upper
92 100
91 170.1 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 20.067 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035229.D

Acq: 21 Apr 2023 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS01

Tgt Ion: 75 Resp: 9011

Ion Ratio Lower Upper

75 100

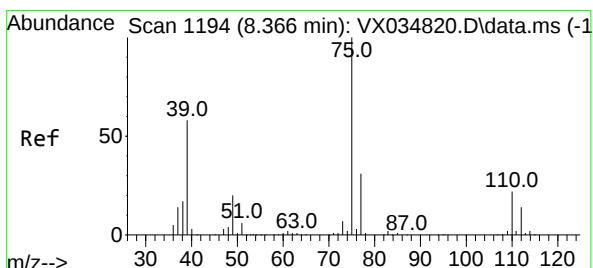
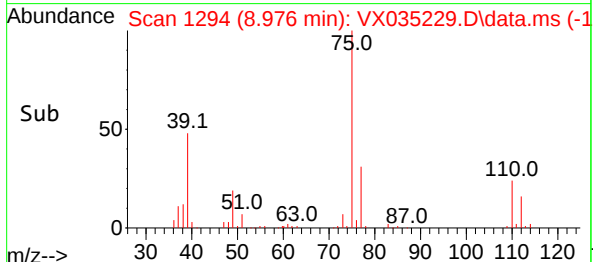
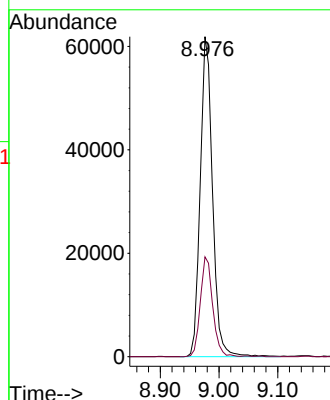
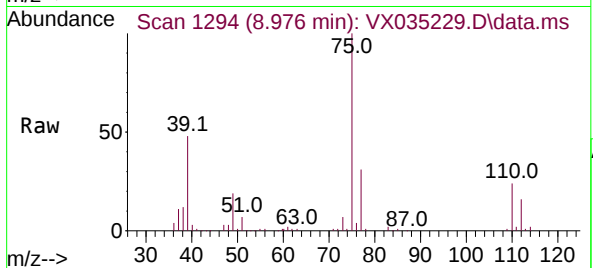
77 31.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#54

cis-1,3-Dichloropropene

Concen: 21.081 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035229.D

Acq: 21 Apr 2023 14:27

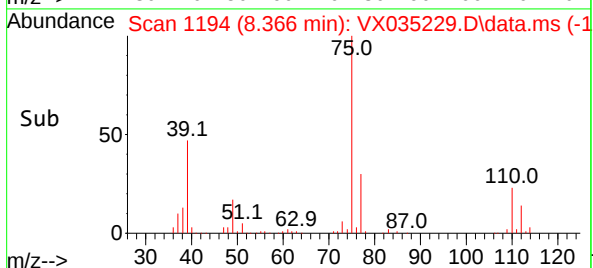
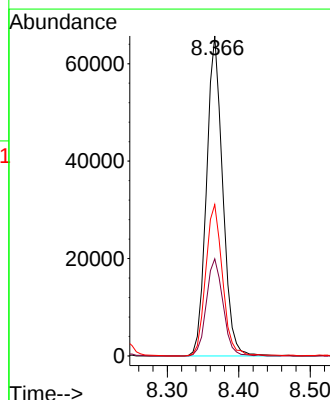
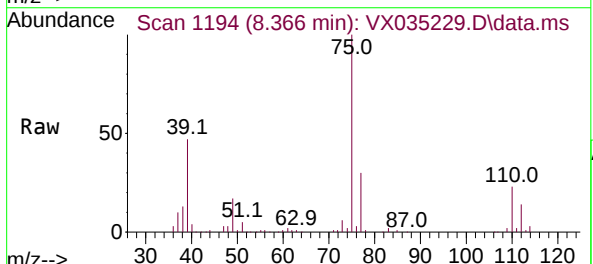
Tgt Ion: 75 Resp: 103605

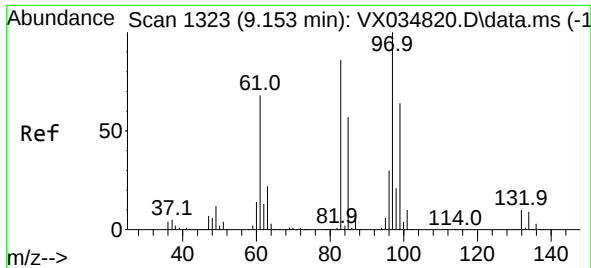
Ion Ratio Lower Upper

75 100

77 30.3 25.0 37.4

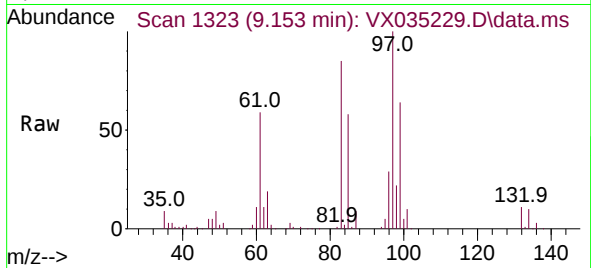
39 47.3 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 21.485 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

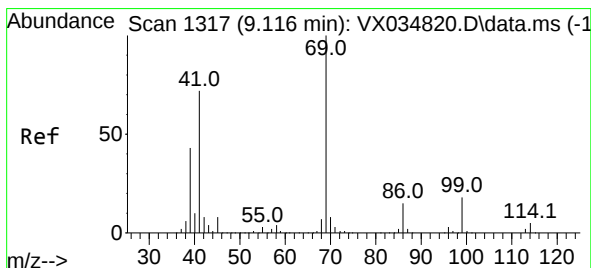
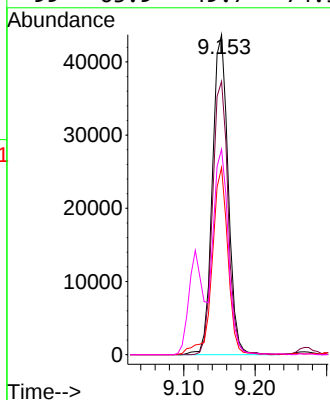
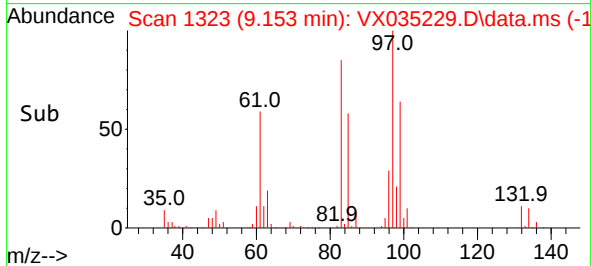
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01



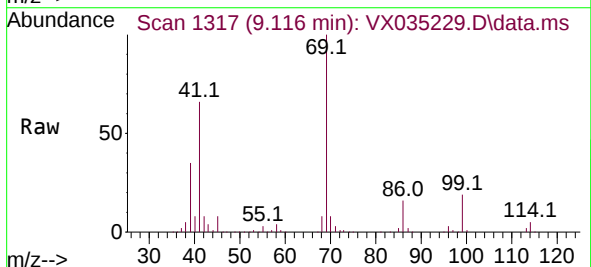
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.4	69.7	104.5
85	58.3	43.7	65.5
99	63.9	49.7	74.5

Manual Integrations
APPROVED

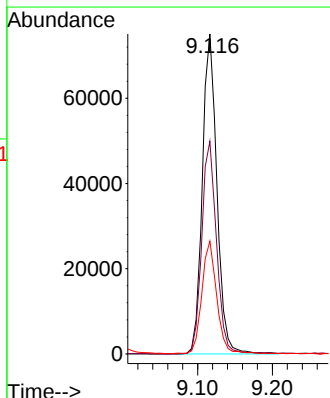
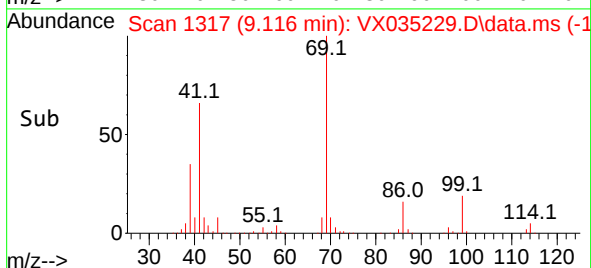
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023

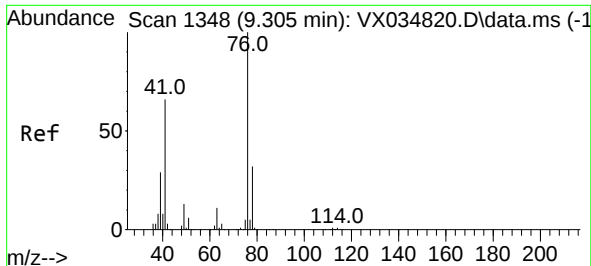


#56
Ethyl methacrylate
Concen: 20.888 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27



Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.8	57.4	86.0
39	35.8	33.7	50.5





#57

1,3-Dichloropropane

Concen: 20.941 ug/l

RT: 9.305 min Scan# 11535

Delta R.T. 0.000 min

Lab File: VX035229.D

Acq: 21 Apr 2023 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS01

Tgt Ion: 76 Resp: 11535

Ion Ratio Lower Upper

76 100

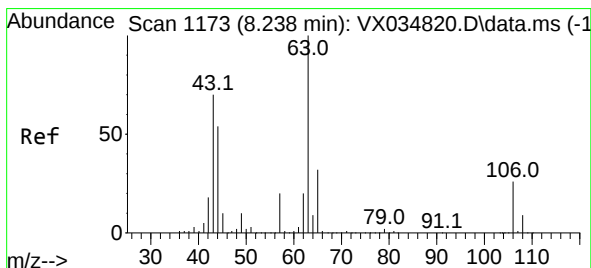
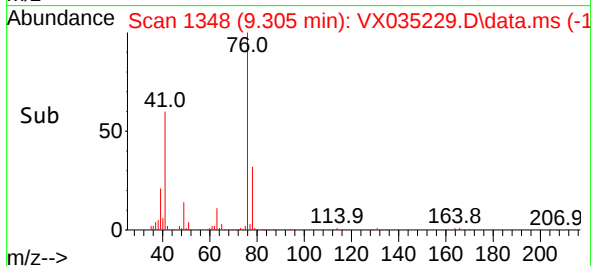
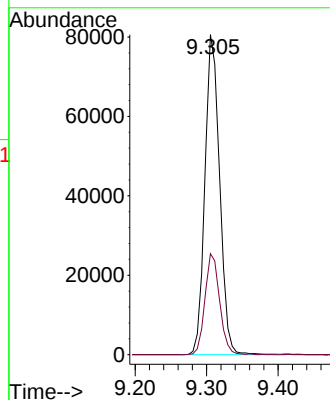
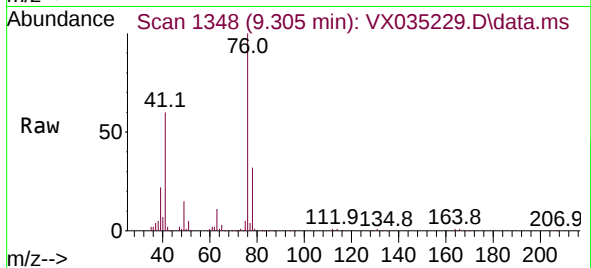
78 31.4 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#58

2-Chloroethyl Vinyl ether

Concen: 96.919 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035229.D

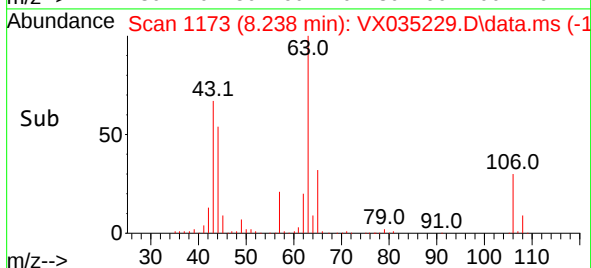
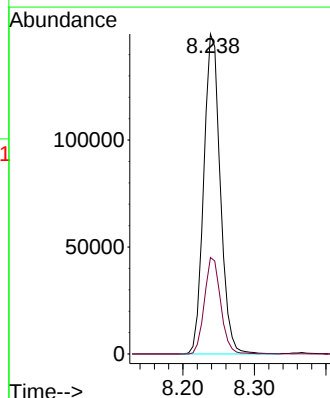
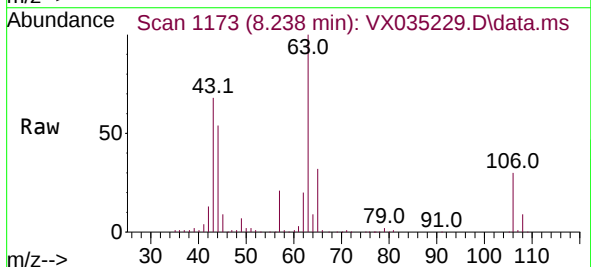
Acq: 21 Apr 2023 14:27

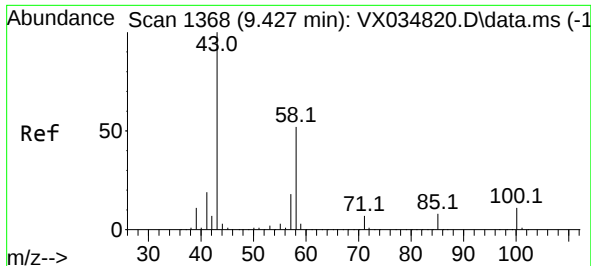
Tgt Ion: 63 Resp: 240503

Ion Ratio Lower Upper

63 100

106 29.6 22.2 33.2





#59

2-Hexanone

Concen: 100.057 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX035229.D

Acq: 21 Apr 2023 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS01

Tgt Ion: 43 Resp: 34404

Ion Ratio Lower Upper

43 100

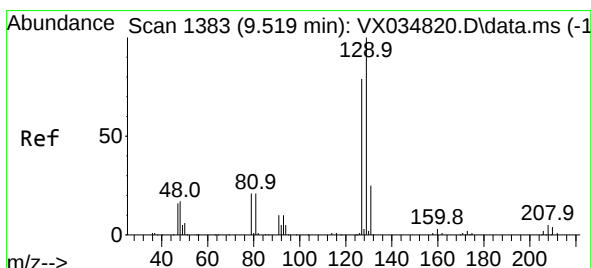
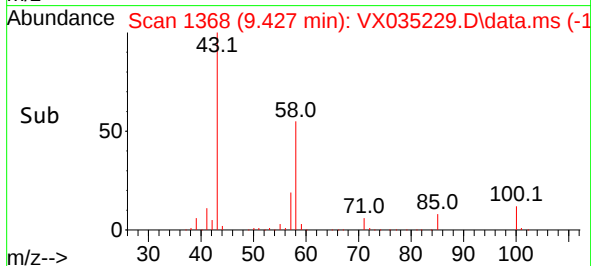
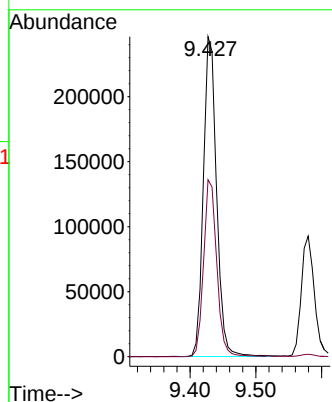
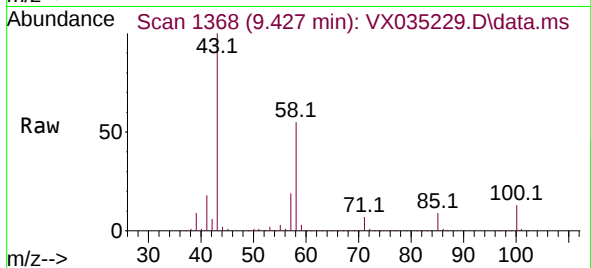
58 55.2 26.3 78.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#60

Dibromochloromethane

Concen: 21.310 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX035229.D

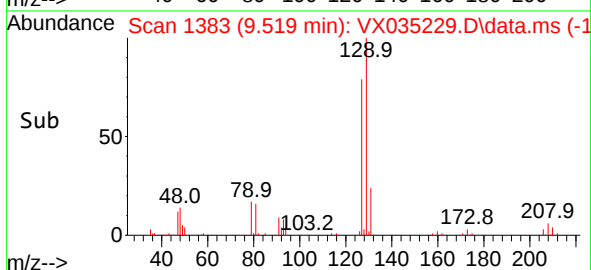
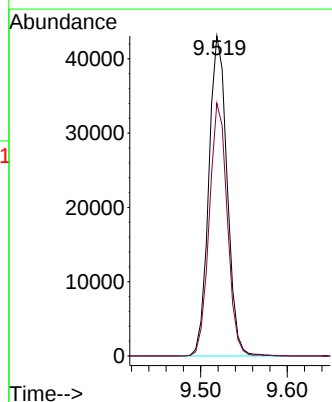
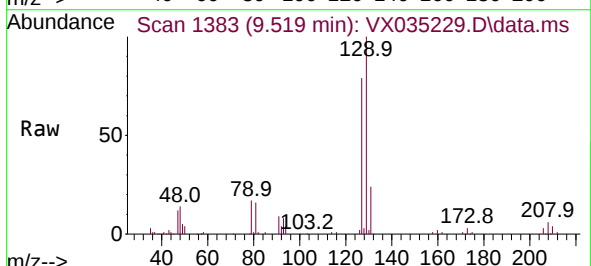
Acq: 21 Apr 2023 14:27

Tgt Ion:129 Resp: 63143

Ion Ratio Lower Upper

129 100

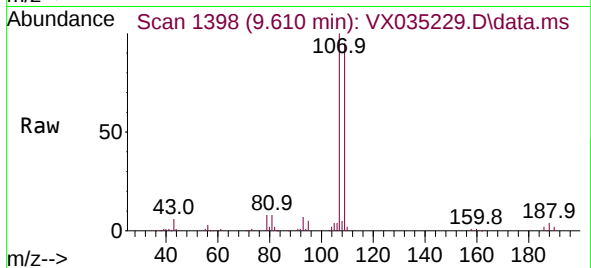
127 77.8 39.0 117.0





#61
1,2-Dibromoethane
Concen: 21.200 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

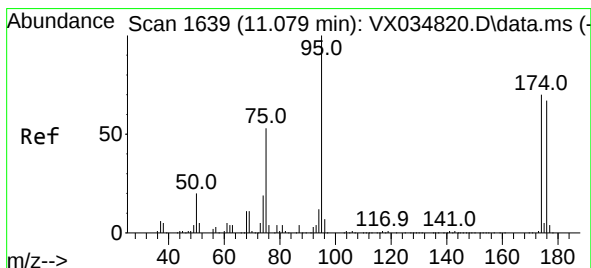
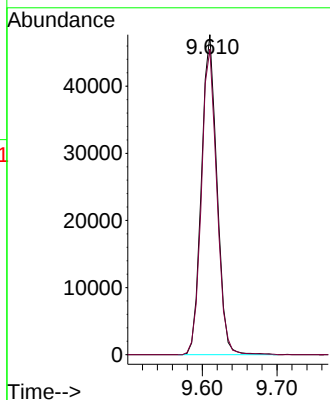
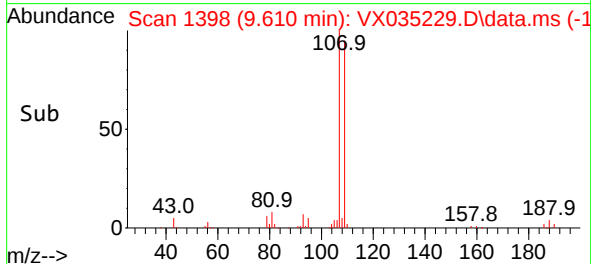
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01



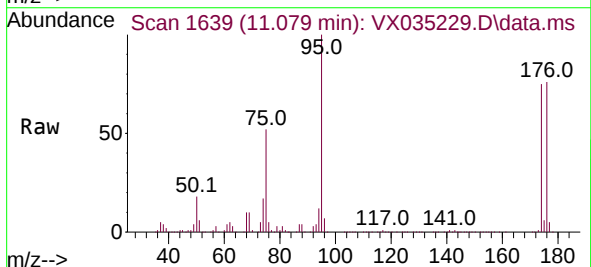
Tgt Ion:107 Resp: 68570
Ion Ratio Lower Upper
107 100
109 95.3 75.3 112.9

Manual Integrations
APPROVED

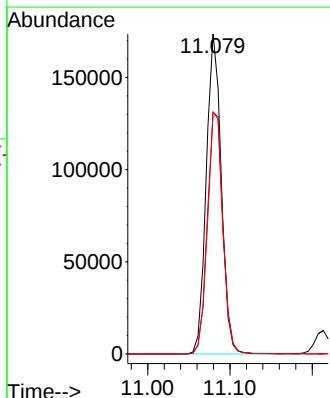
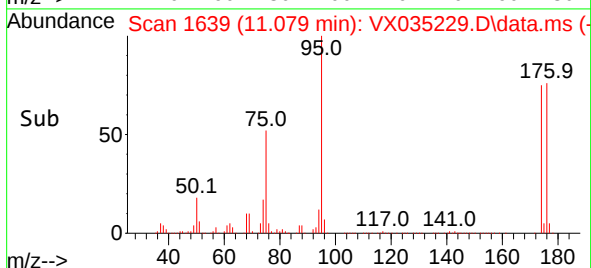
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023

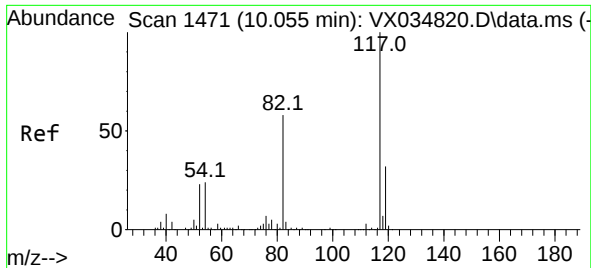


#62
4-Bromofluorobenzene
Concen: 51.829 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27



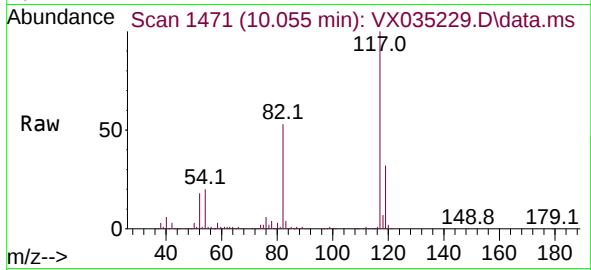
Tgt Ion: 95 Resp: 219411
Ion Ratio Lower Upper
95 100
174 78.8 0.0 147.4
176 77.0 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

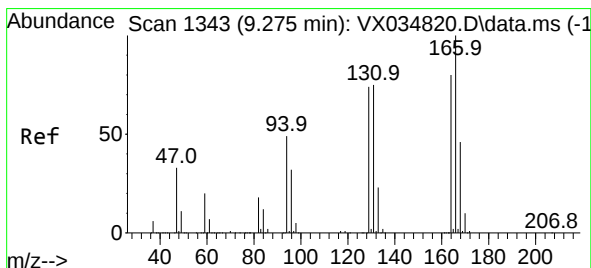
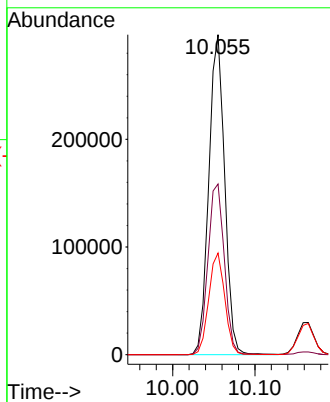
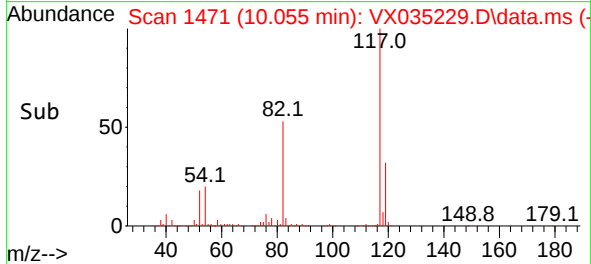
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01



Tgt Ion:117 Resp: 398189
Ion Ratio Lower Upper
117 100
82 53.3 45.0 67.4
119 31.8 26.0 39.0

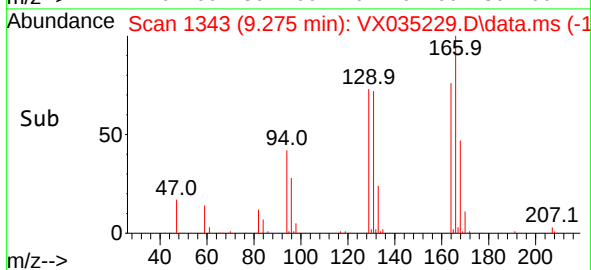
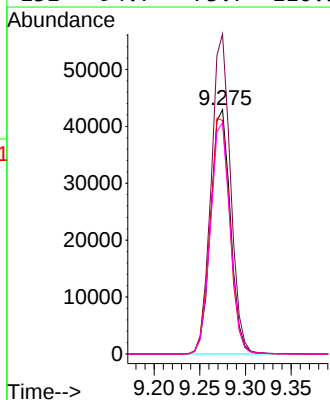
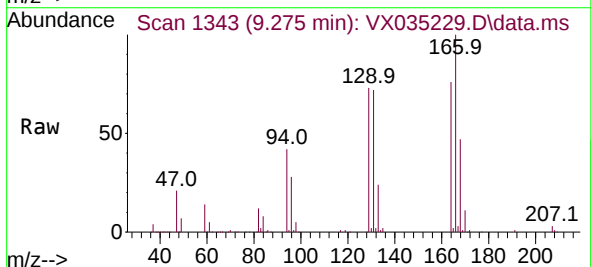
Manual Integrations
APPROVED

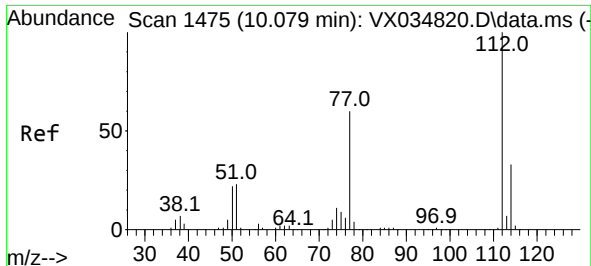
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#64
Tetrachloroethene
Concen: 22.538 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

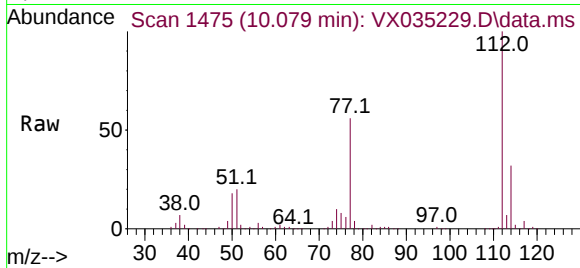
Tgt Ion:164 Resp: 64224
Ion Ratio Lower Upper
164 100
166 131.0 102.7 154.1
129 95.6 75.6 113.4
131 94.7 73.7 110.5





#65
Chlorobenzene
Concen: 21.941 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

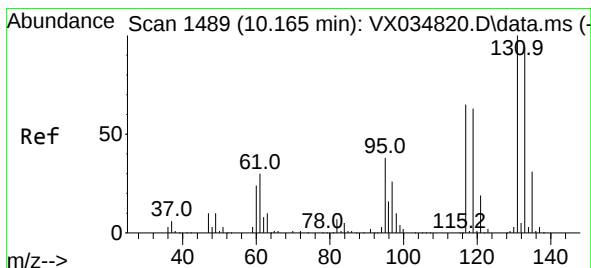
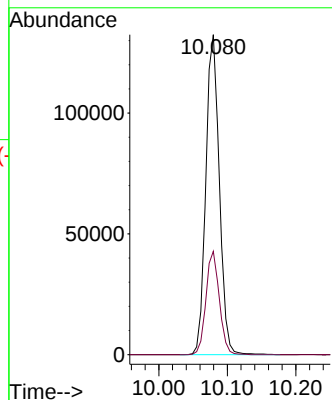
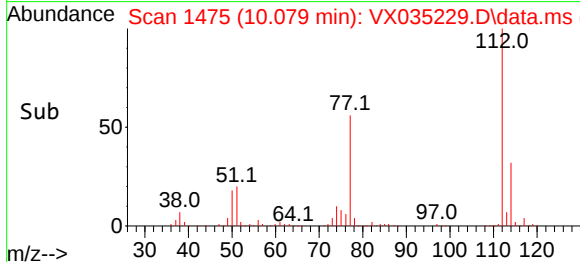
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01



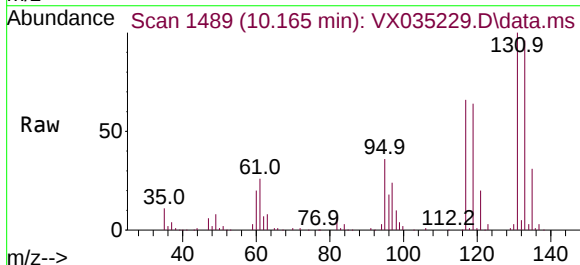
Tgt Ion:112 Resp: 181778
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.2

Manual Integrations
APPROVED

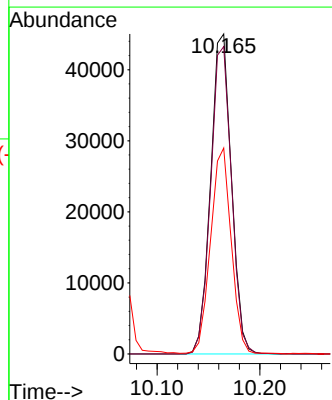
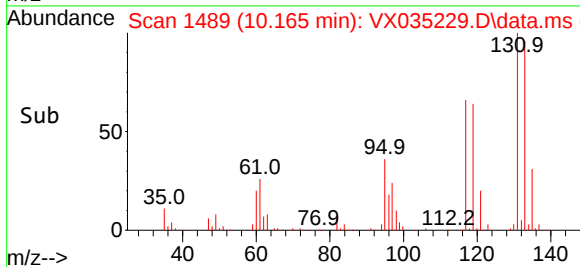
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023

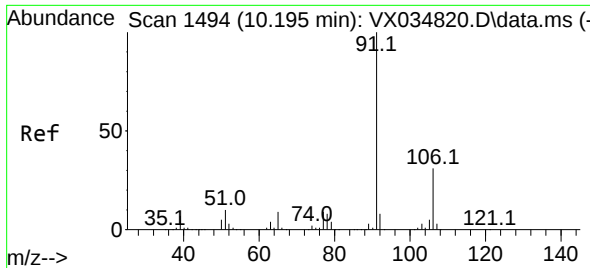


#66
1,1,1,2-Tetrachloroethane
Concen: 22.201 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27



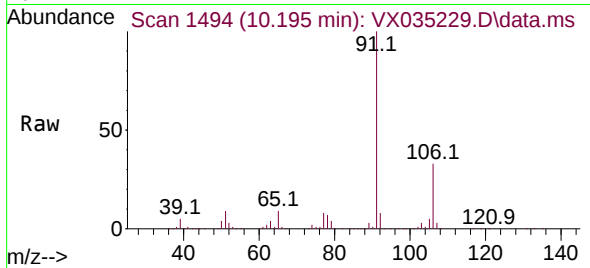
Tgt Ion:131 Resp: 63247
Ion Ratio Lower Upper
131 100
133 96.6 47.1 141.4
119 64.2 32.6 98.0





#67
Ethyl Benzene
Concen: 21.369 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

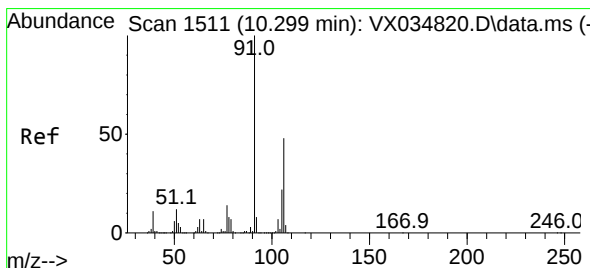
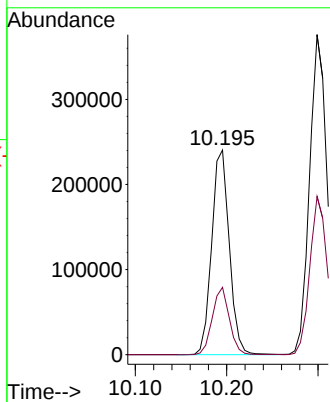
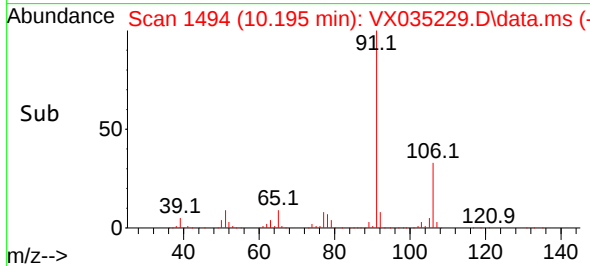
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01



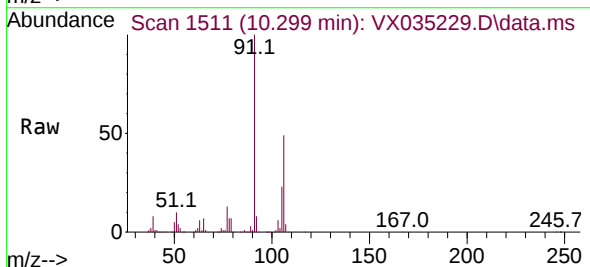
Tgt Ion: 91 Resp: 32071
Ion Ratio Lower Upper
91 100
106 32.9 25.6 38.4

Manual Integrations
APPROVED

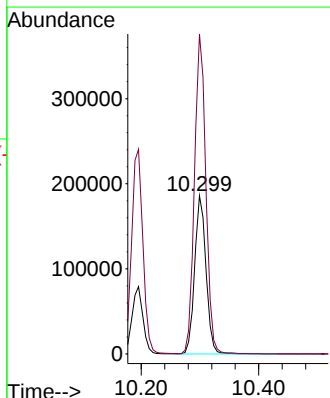
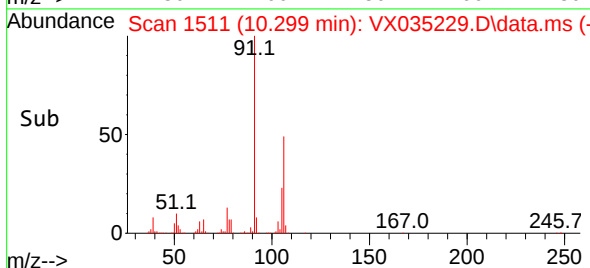
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023

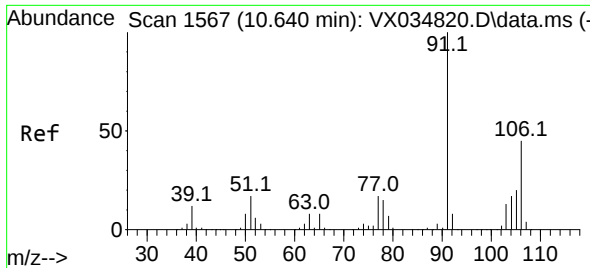


#68
m/p-Xylenes
Concen: 43.563 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27



Tgt Ion:106 Resp: 249752
Ion Ratio Lower Upper
106 100
91 202.6 164.0 246.0





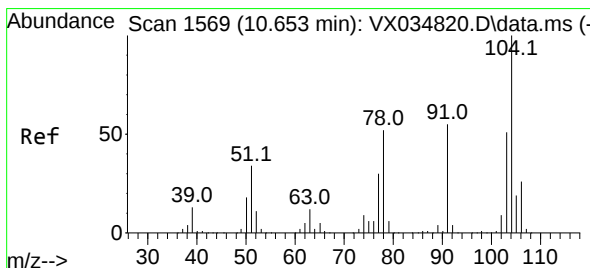
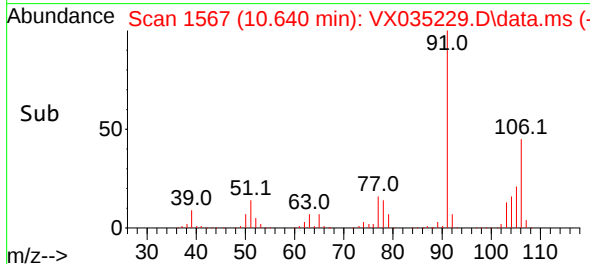
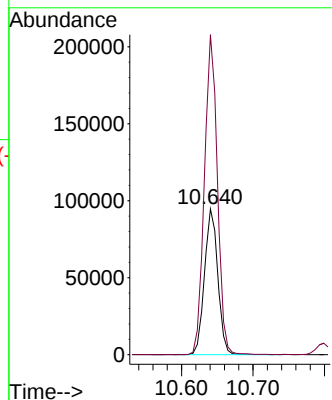
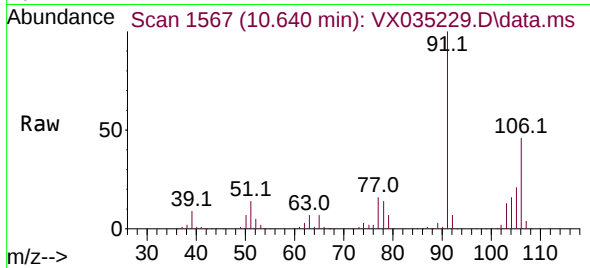
#69
o-Xylene
Concen: 21.848 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01

Tgt Ion:106 Resp: 122704
Ion Ratio Lower Upper
106 100
91 214.1 108.5 325.3

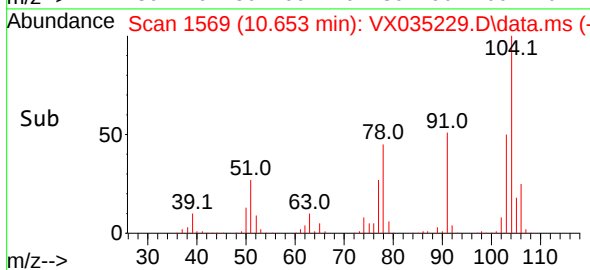
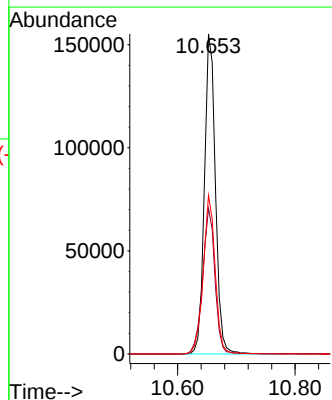
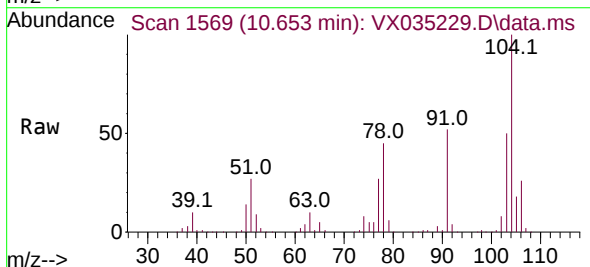
Manual Integrations
APPROVED

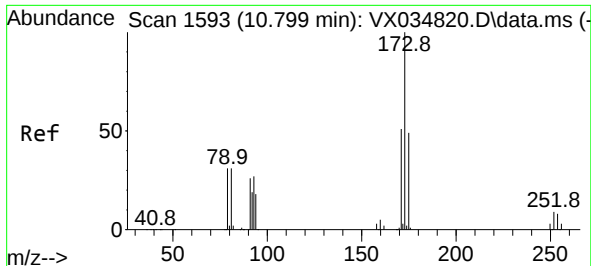
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#70
Styrene
Concen: 22.602 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

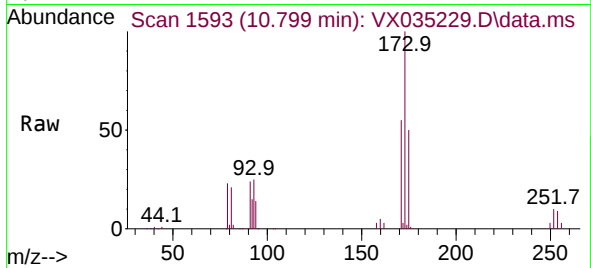
Tgt Ion:104 Resp: 202637
Ion Ratio Lower Upper
104 100
78 50.7 43.4 65.2
103 53.8 44.2 66.2





#71
Bromoform
Concen: 21.551 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

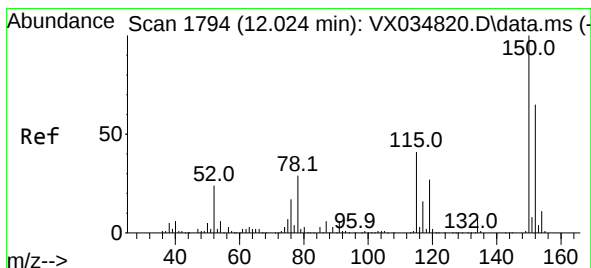
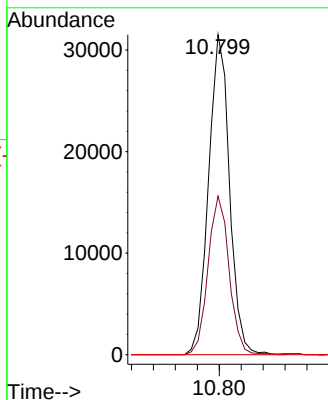
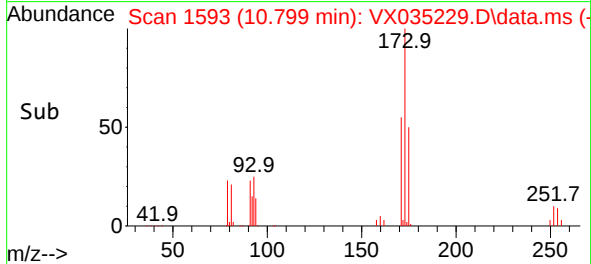
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01



Tgt Ion:173 Resp: 4175
Ion Ratio Lower Upper
173 100
175 49.9 24.1 72.4
254 0.0 0.1 0.1

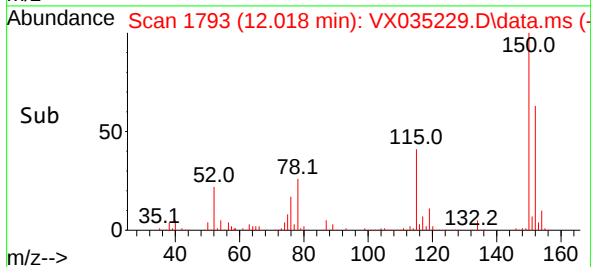
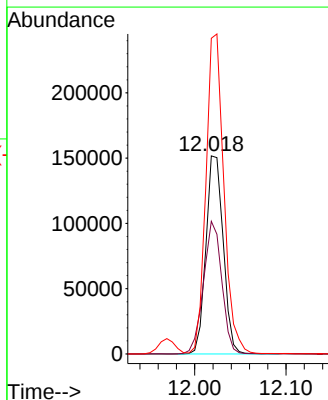
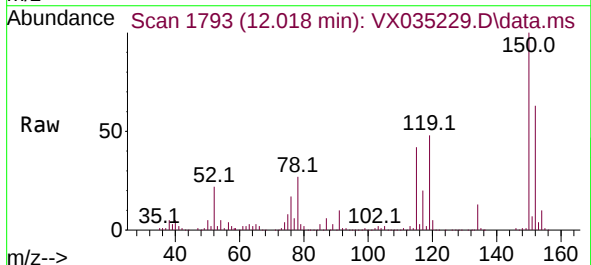
Manual Integrations
APPROVED

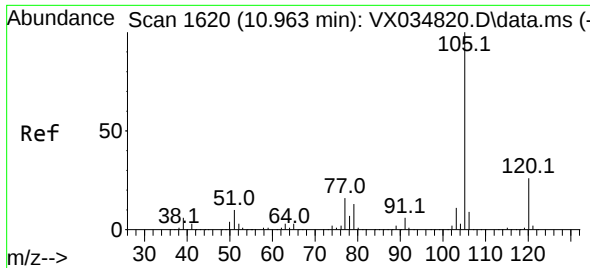
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

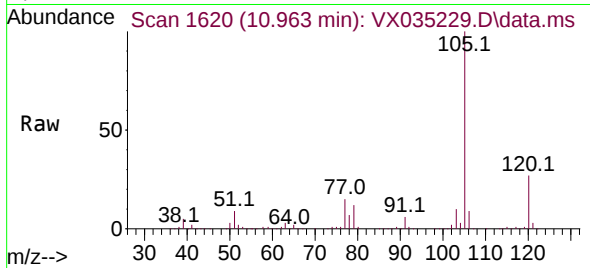
Tgt Ion:152 Resp: 199213
Ion Ratio Lower Upper
152 100
115 70.8 45.0 135.0
150 166.8 0.0 352.4





#73
Isopropylbenzene
Concen: 22.059 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

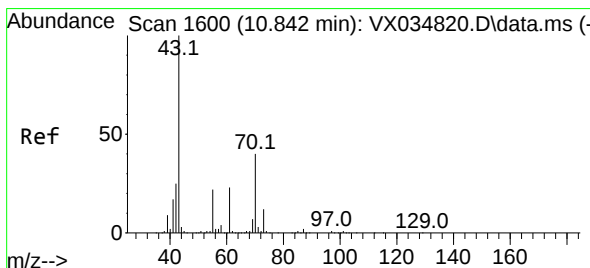
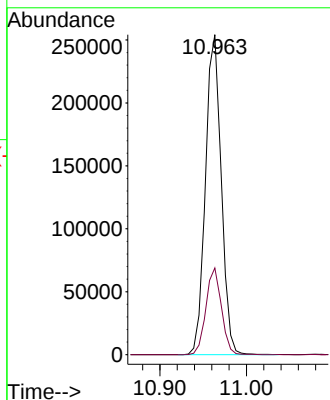
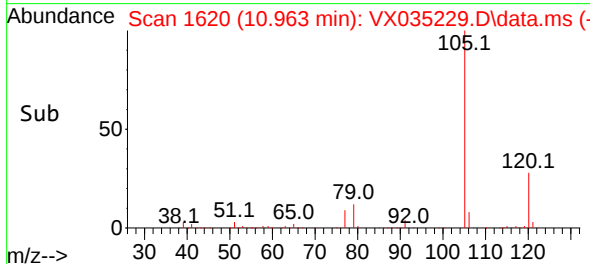
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01



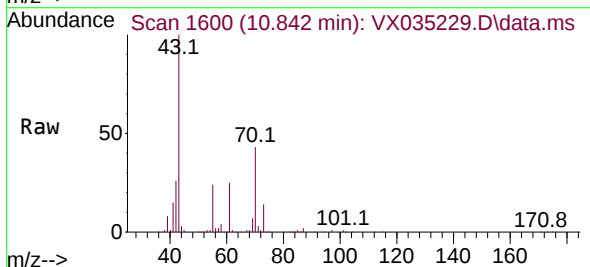
Tgt Ion:105 Resp: 321894
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9

Manual Integrations
APPROVED

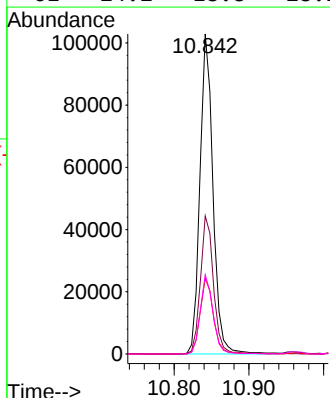
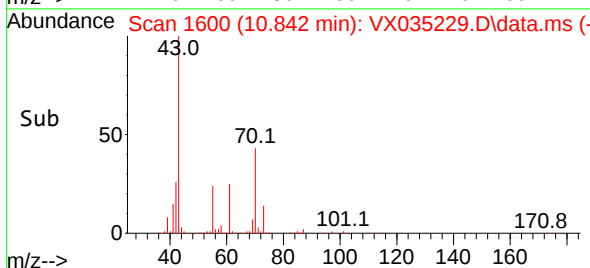
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023

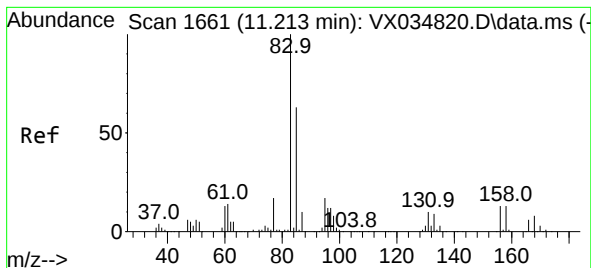


#74
N-ethyl acetate
Concen: 19.034 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27



Tgt Ion: 43 Resp: 124878
Ion Ratio Lower Upper
43 100
70 43.5 32.1 48.1
55 24.0 18.3 27.5
61 24.2 18.8 28.2





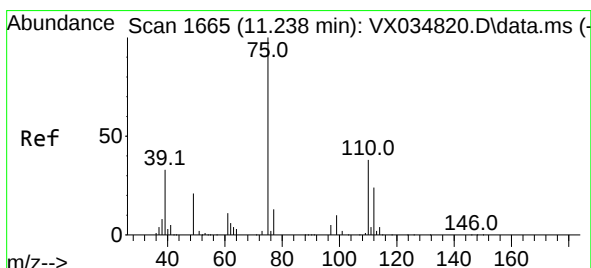
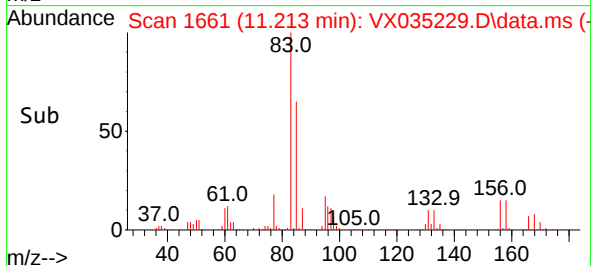
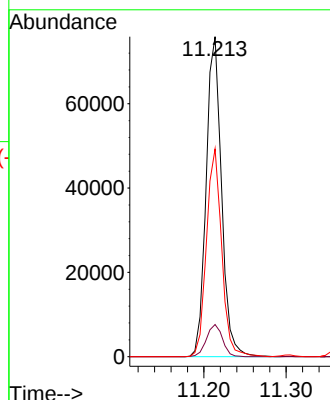
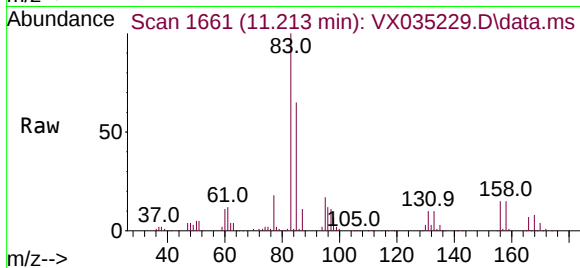
#75
1,1,2,2-Tetrachloroethane
Concen: 20.618 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01

Tgt Ion: 83 Resp: 98610
Ion Ratio Lower Upper
83 100
131 10.5 4.8 14.3
85 64.3 32.0 96.0

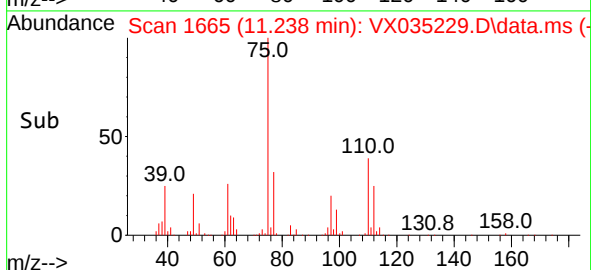
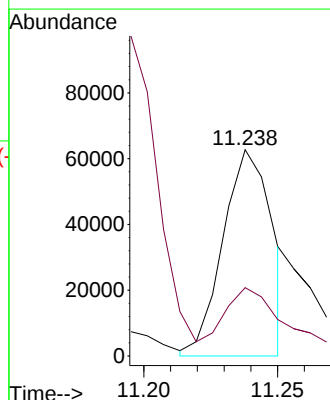
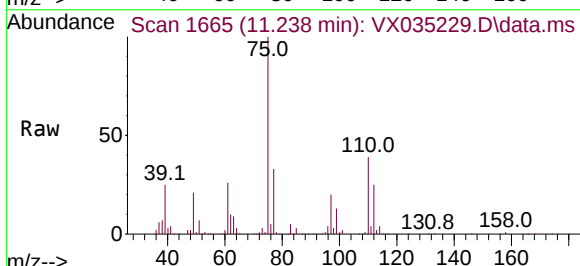
Manual Integrations
APPROVED

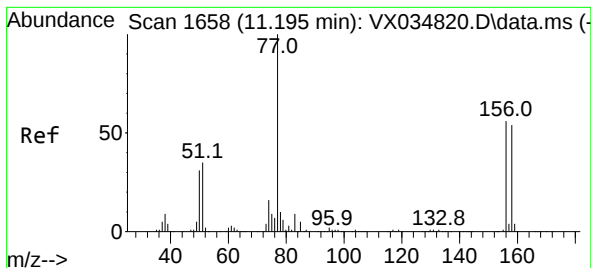
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#76
1,2,3-Trichloropropane
Concen: 19.957 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

Tgt Ion: 75 Resp: 80108
Ion Ratio Lower Upper
75 100
77 42.6 21.6 64.8





#77

Bromobenzene

Concen: 21.573 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035229.D

Acq: 21 Apr 2023 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS01

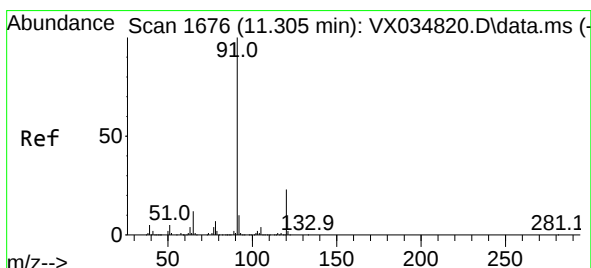
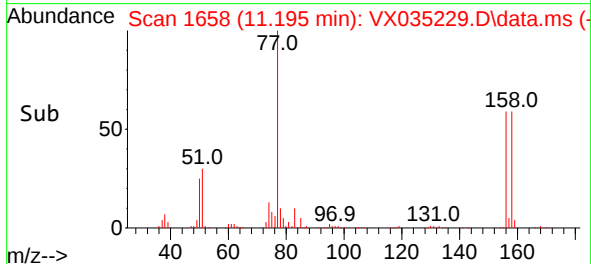
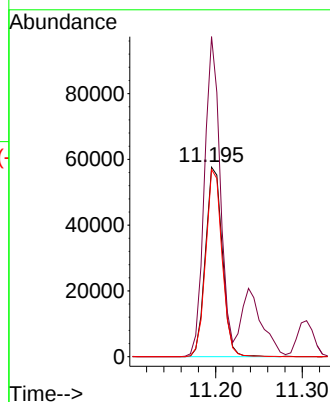
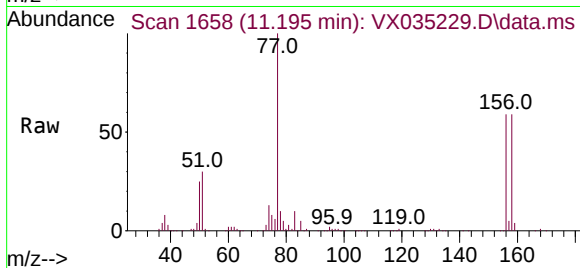
Tgt Ion:	156	Resp:	78004
Ion Ratio	Lower	Upper	
156	100		
77	158.6	86.7	259.9
158	96.0	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#78

n-propylbenzene

Concen: 22.141 ug/l

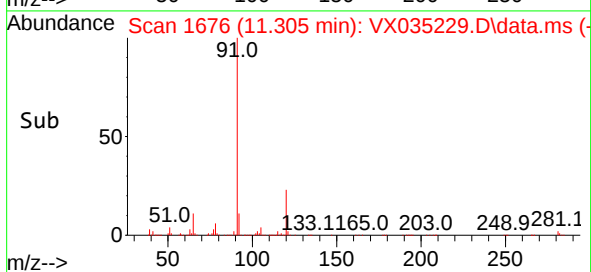
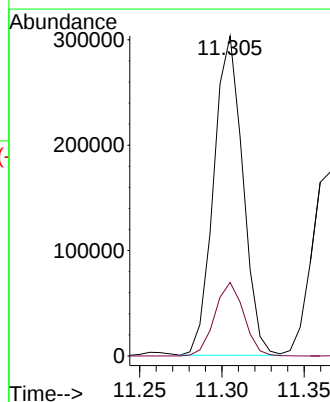
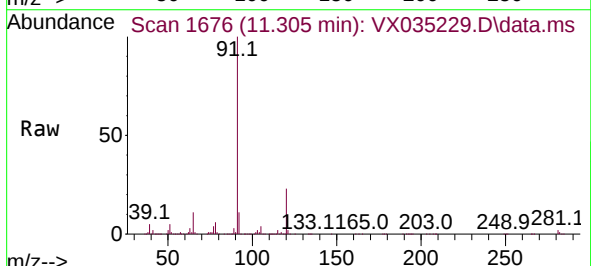
RT: 11.305 min Scan# 1676

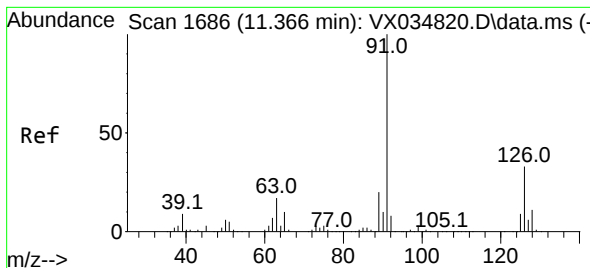
Delta R.T. -0.000 min

Lab File: VX035229.D

Acq: 21 Apr 2023 14:27

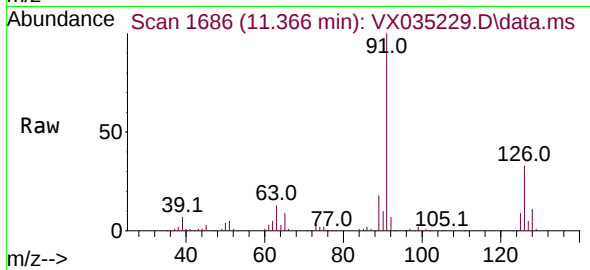
Tgt Ion:	91	Resp:	373228
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.5





#79
2-Chlorotoluene
Concen: 21.175 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

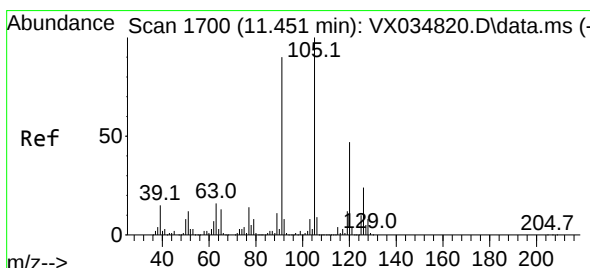
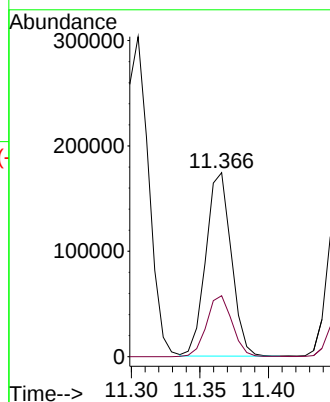
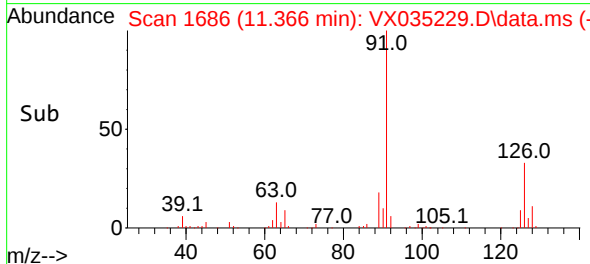
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01



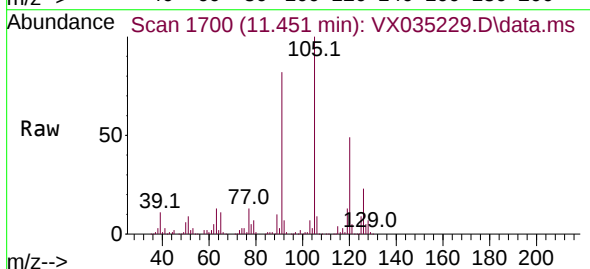
Tgt Ion: 91 Resp: 22537
Ion Ratio Lower Upper
91 100
126 33.5 16.3 48.9

Manual Integrations
APPROVED

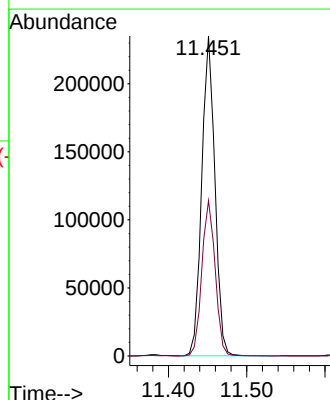
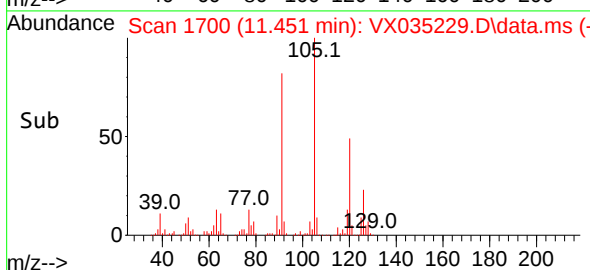
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023

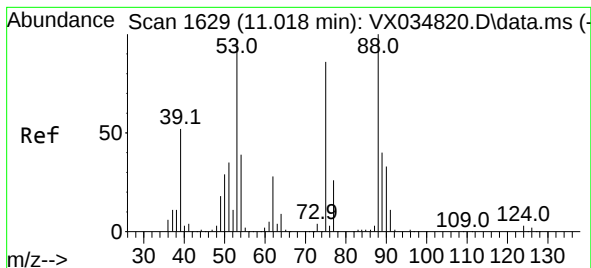


#80
1,3,5-Trimethylbenzene
Concen: 22.460 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27



Tgt Ion:105 Resp: 274030
Ion Ratio Lower Upper
105 100
120 49.3 23.7 71.1





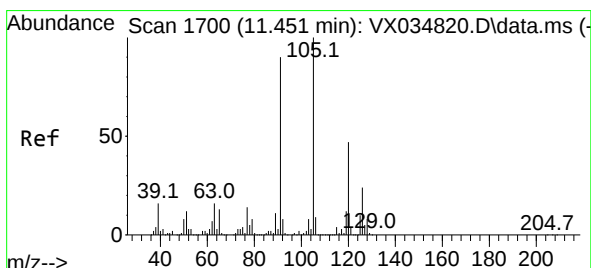
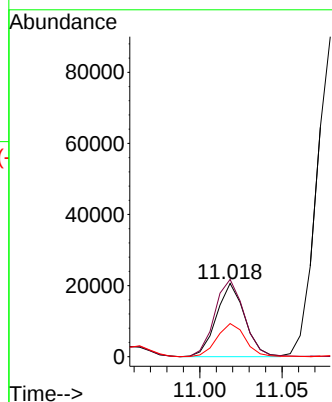
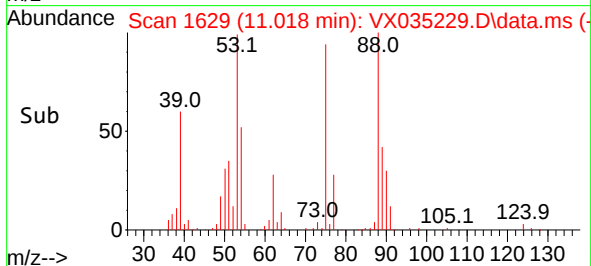
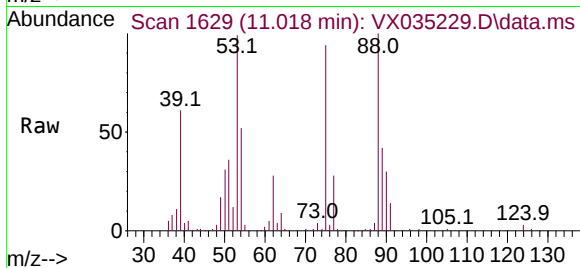
#81
trans-1,4-Dichloro-2-butene
Concen: 18.391 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01

Tgt Ion: 75 Resp: 24632
Ion Ratio Lower Upper
75 100
53 110.3 82.6 124.0
89 45.6 36.9 55.3

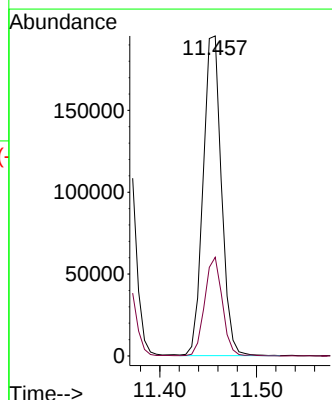
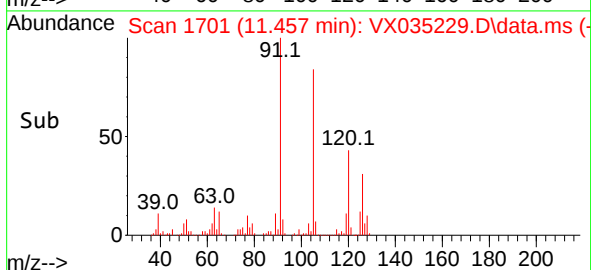
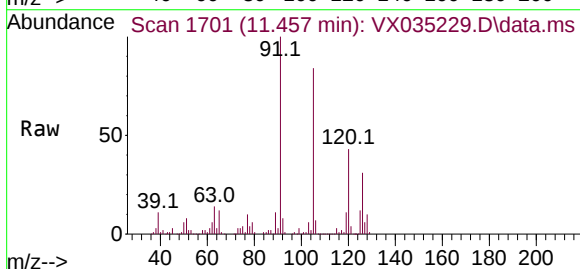
Manual Integrations
APPROVED

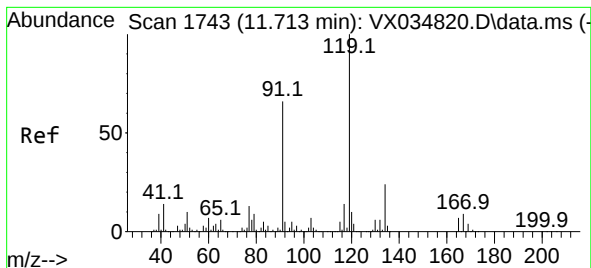
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#82
4-Chlorotoluene
Concen: 20.798 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

Tgt Ion: 91 Resp: 257051
Ion Ratio Lower Upper
91 100
126 29.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 23.367 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035229.D

Acq: 21 Apr 2023 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS01

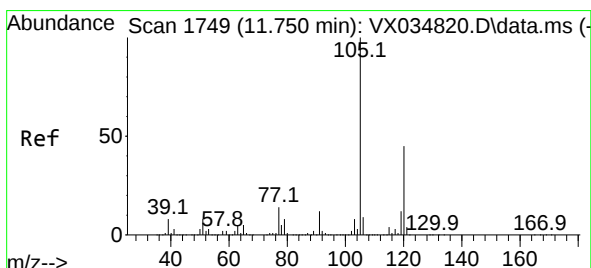
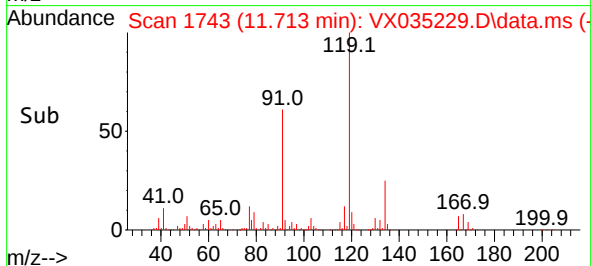
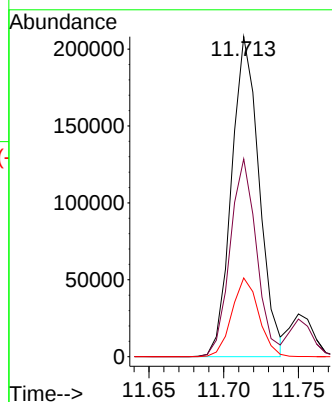
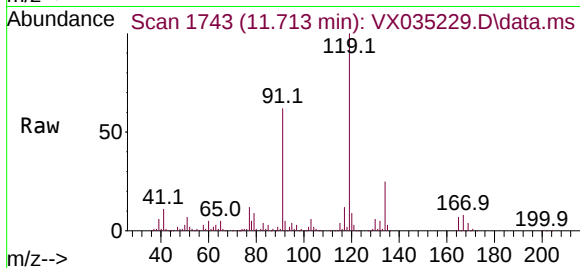
Tgt Ion:	119	Resp:	267718
Ion	Ratio	Lower	Upper
119	100		
91	59.4	30.6	92.0
134	23.9	11.8	35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#84

1,2,4-Trimethylbenzene

Concen: 21.915 ug/l

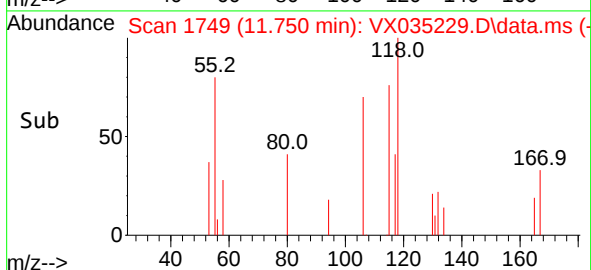
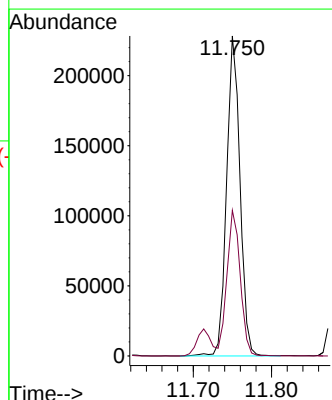
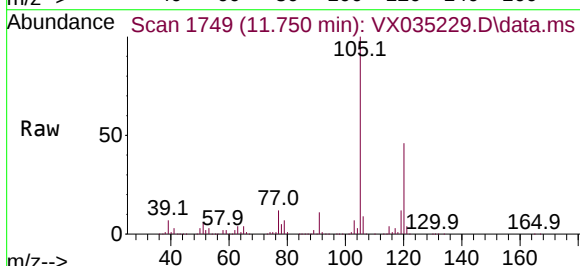
RT: 11.750 min Scan# 1749

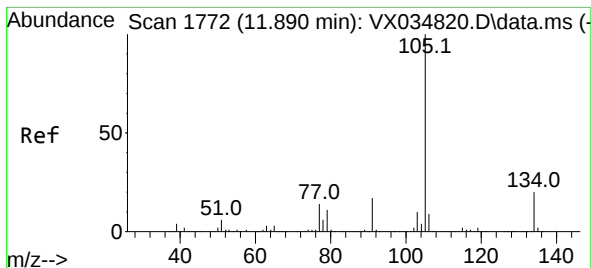
Delta R.T. -0.000 min

Lab File: VX035229.D

Acq: 21 Apr 2023 14:27

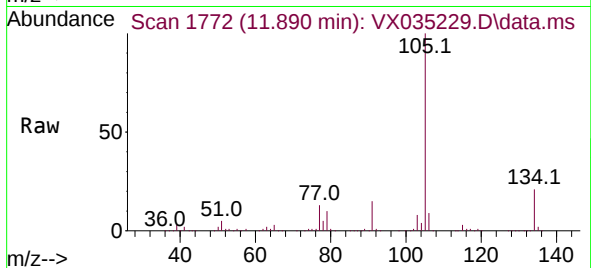
Tgt Ion:	105	Resp:	271911
Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.4	67.0





#85
 sec-Butylbenzene
 Concen: 24.030 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035229.D
 Acq: 21 Apr 2023 14:27

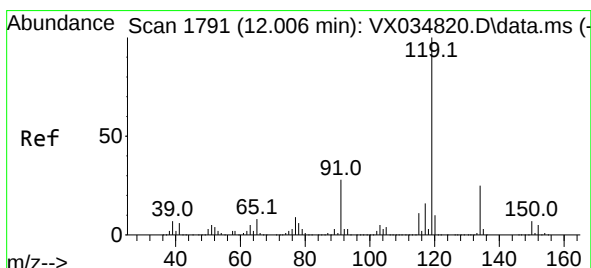
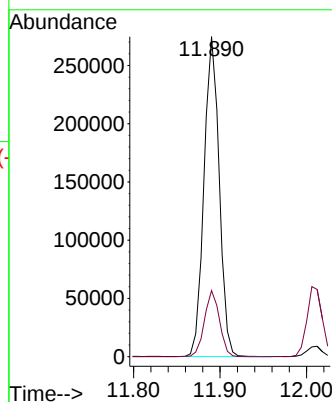
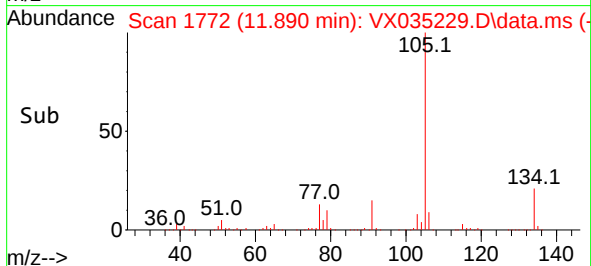
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBS01



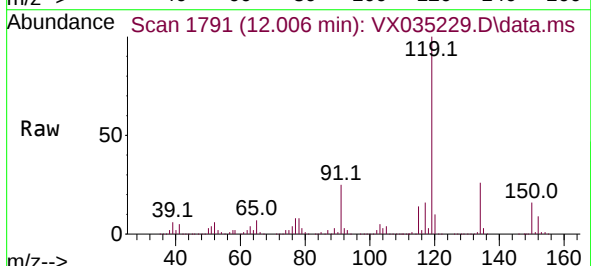
Tgt Ion:105 Resp: 33493
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4

Manual Integrations
 APPROVED

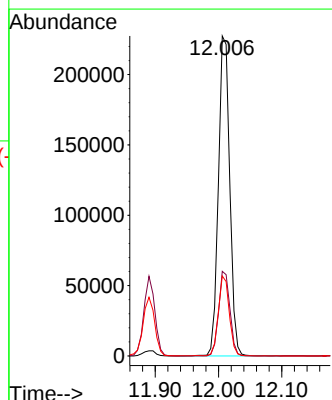
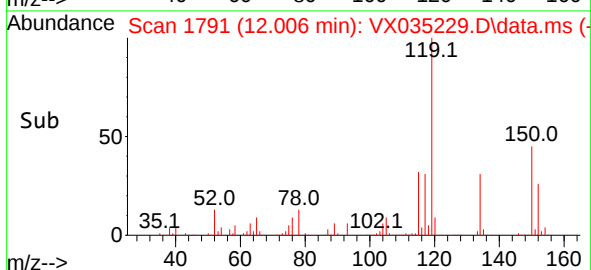
Reviewed By :John Carlone 04/24/2023
 Supervised By :Mahesh Dadoda 04/24/2023

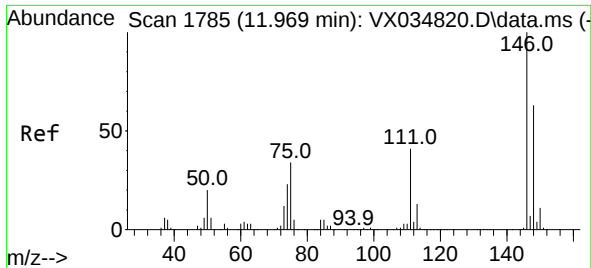


#86
 p-Isopropyltoluene
 Concen: 24.283 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX035229.D
 Acq: 21 Apr 2023 14:27



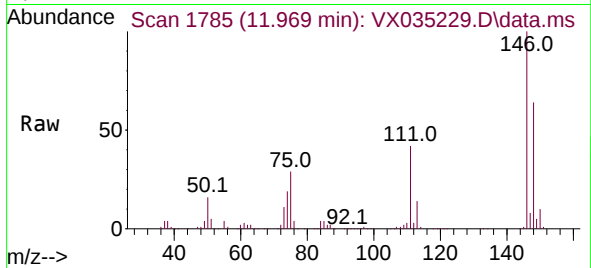
Tgt Ion:119 Resp: 282233
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.5
 91 24.2 12.9 38.7





#87
1,3-Dichlorobenzene
Concen: 22.373 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

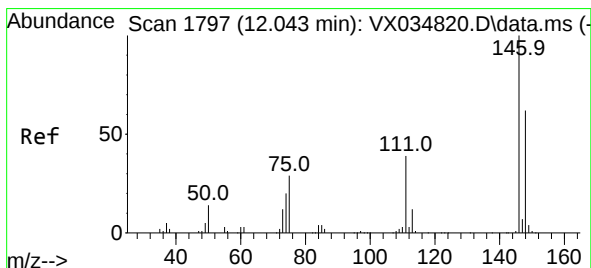
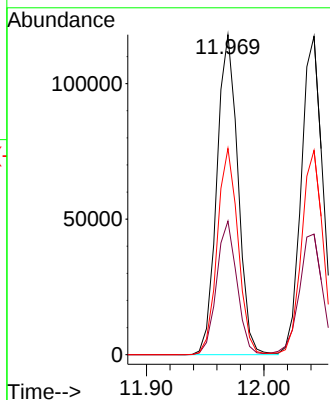
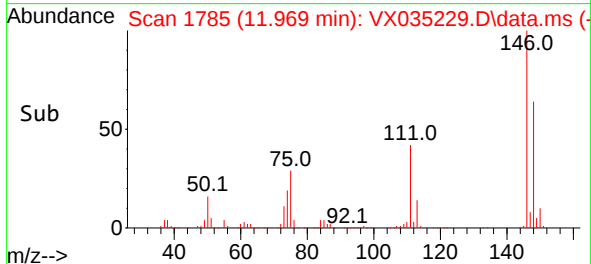
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01



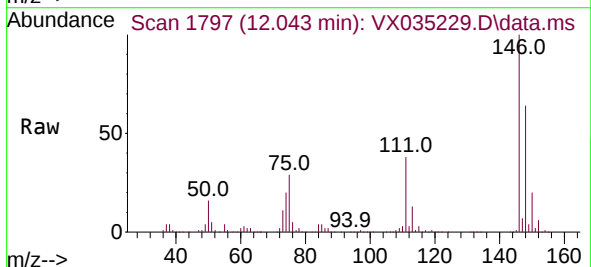
Tgt Ion:146 Resp: 147322
Ion Ratio Lower Upper
146 100
111 40.4 20.9 62.8
148 63.4 31.6 95.0

Manual Integrations
APPROVED

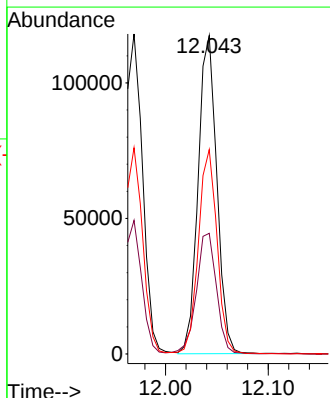
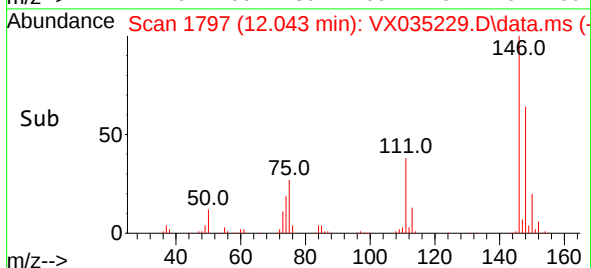
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023

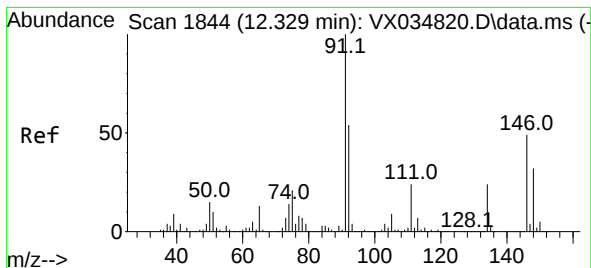


#88
1,4-Dichlorobenzene
Concen: 21.663 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27



Tgt Ion:146 Resp: 148982
Ion Ratio Lower Upper
146 100
111 40.7 20.6 61.9
148 64.3 31.8 95.4





#89

n-Butylbenzene

Concen: 23.694 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX035229.D

Acq: 21 Apr 2023 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS01

Tgt Ion: 91 Resp: 24060

Ion Ratio Lower Upper

91 100

92 54.4 27.7 83.0

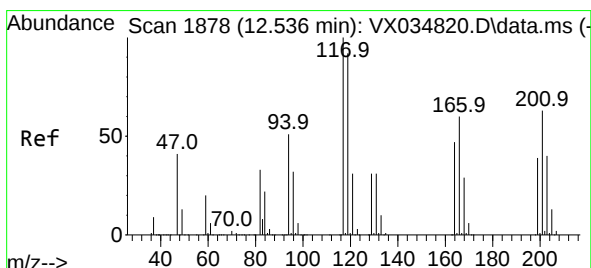
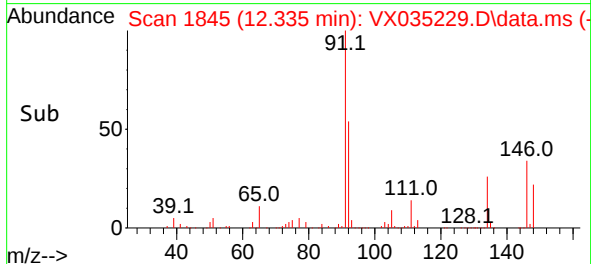
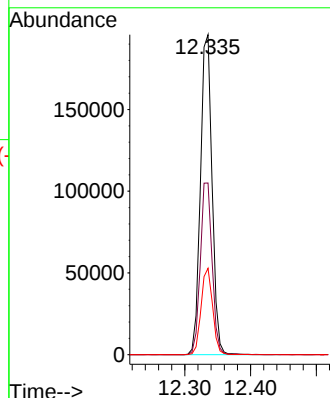
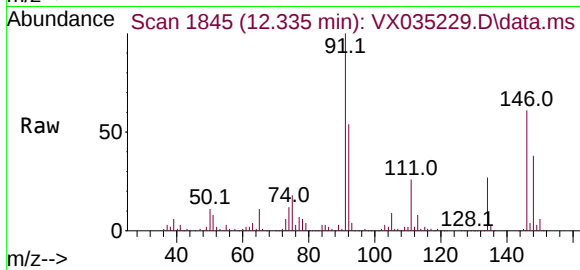
134 26.8 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#90

Hexachloroethane

Concen: 22.680 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035229.D

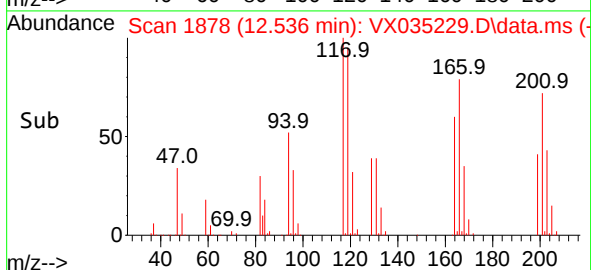
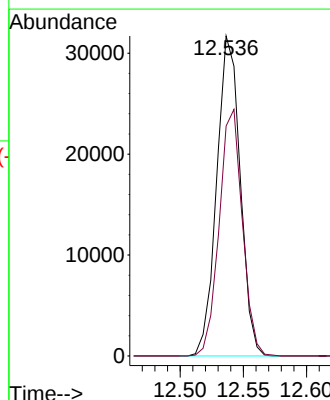
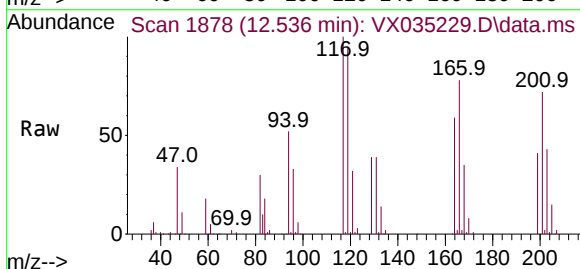
Acq: 21 Apr 2023 14:27

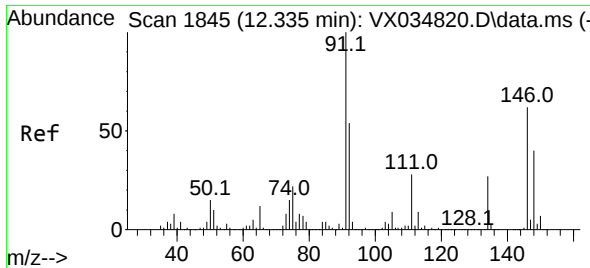
Tgt Ion:117 Resp: 40840

Ion Ratio Lower Upper

117 100

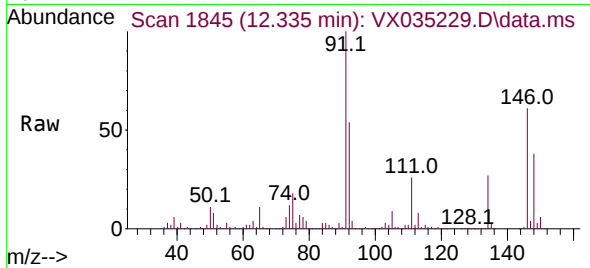
201 76.1 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 21.969 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

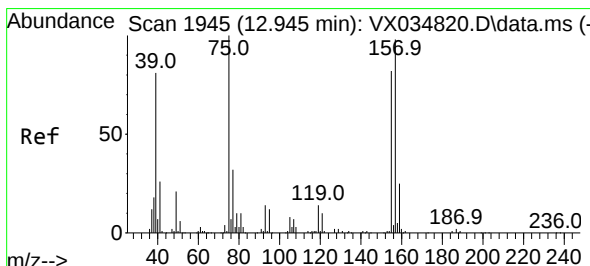
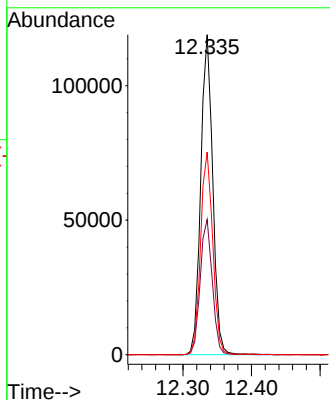
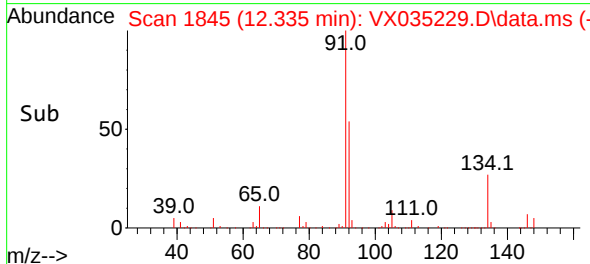
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01



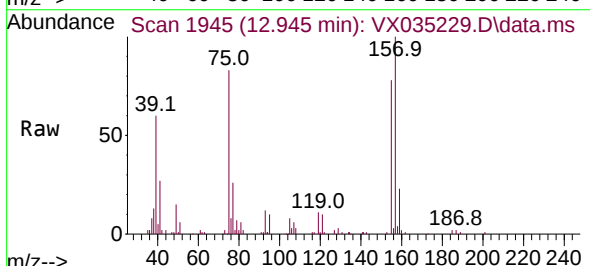
Tgt Ion:146 Resp: 14488
Ion Ratio Lower Upper
146 100
111 42.7 22.0 66.0
148 64.3 32.0 96.0

Manual Integrations
APPROVED

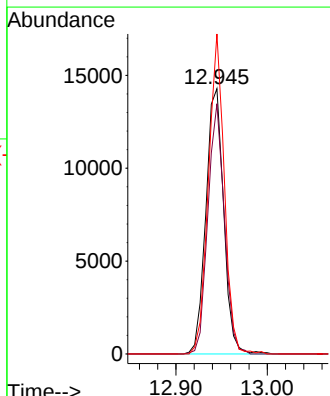
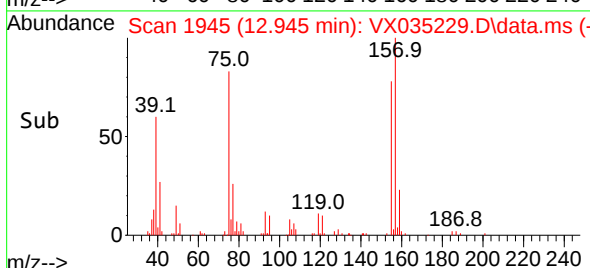
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023

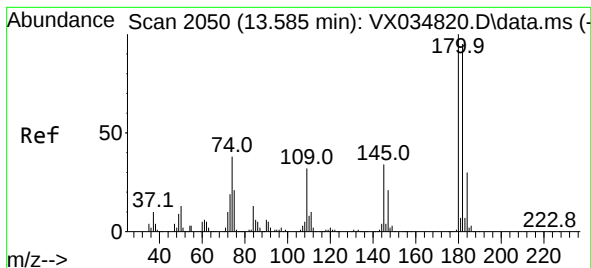


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.290 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27



Tgt Ion: 75 Resp: 19257
Ion Ratio Lower Upper
75 100
155 87.3 38.4 115.1
157 108.0 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 25.135 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX035229.D

Acq: 21 Apr 2023 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS01

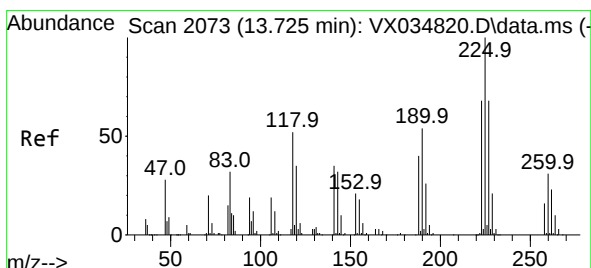
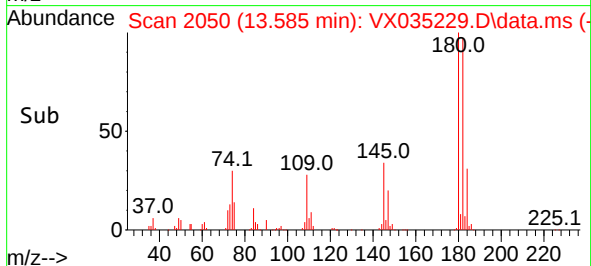
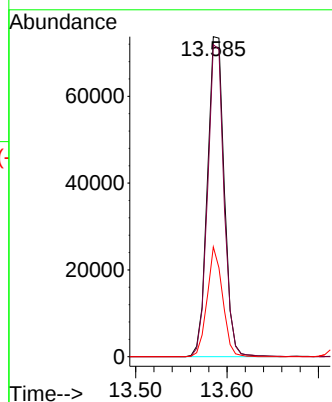
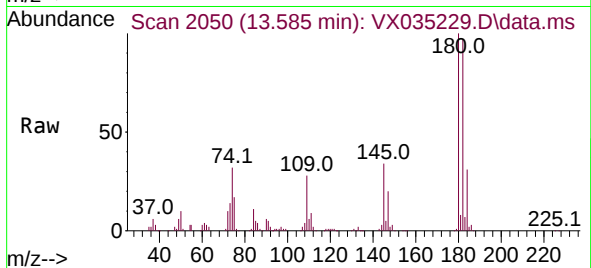
Tgt Ion:180	Resp:	9375
Ion Ratio	Lower	Upper
180	100	
182	95.2	47.0 141.0
145	31.5	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#94

Hexachlorobutadiene

Concen: 24.741 ug/l

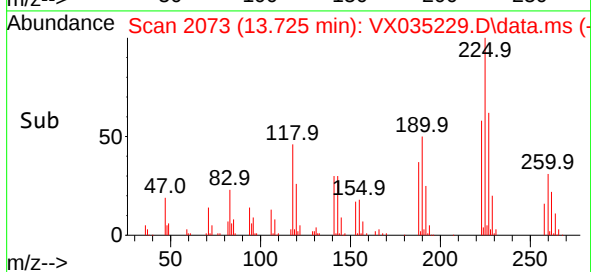
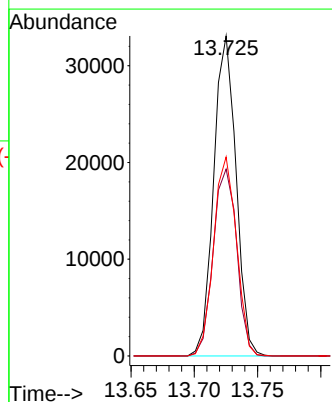
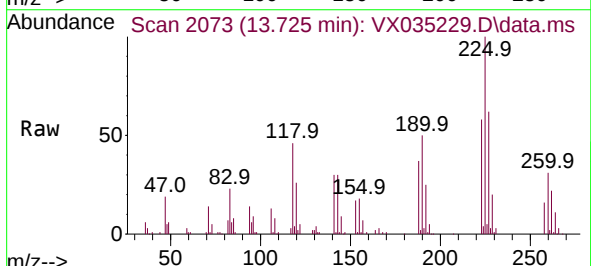
RT: 13.725 min Scan# 2073

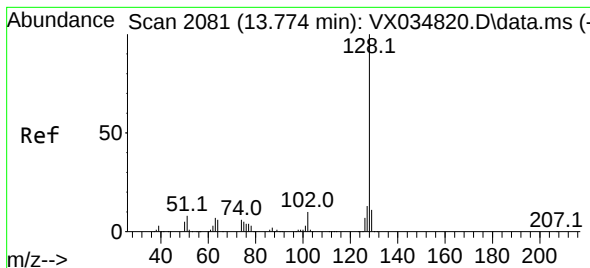
Delta R.T. 0.000 min

Lab File: VX035229.D

Acq: 21 Apr 2023 14:27

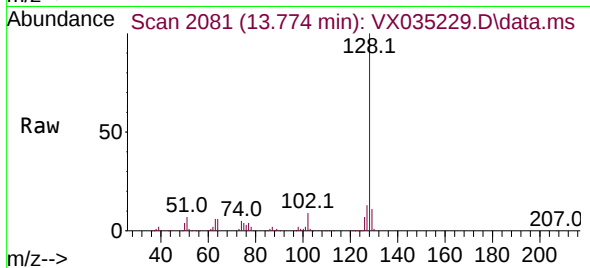
Tgt Ion:225	Resp:	40589
Ion Ratio	Lower	Upper
225	100	
223	61.3	32.1 96.5
227	63.7	31.8 95.4





#95
Naphthalene
Concen: 22.143 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

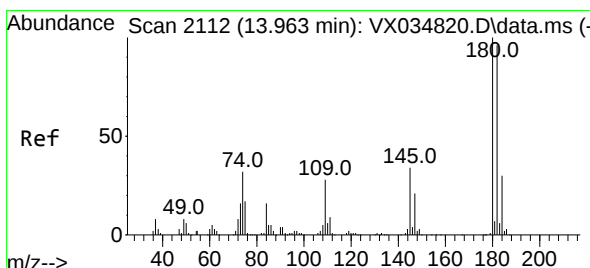
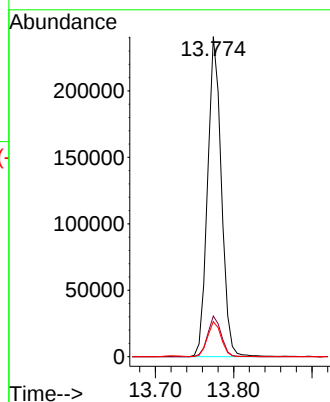
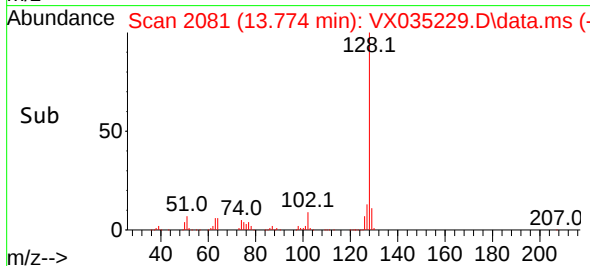
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01



Tgt Ion:128 Resp: 293474
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#96
1,2,3-Trichlorobenzene
Concen: 24.394 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035229.D
Acq: 21 Apr 2023 14:27

Tgt Ion:180 Resp: 91756
Ion Ratio Lower Upper
180 100
182 94.2 48.0 144.2
145 34.3 17.7 53.1

