

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041423\
 Data File : VX035058.D
 Acq On : 13 Apr 2023 12:42
 Operator : JC/MD
 Sample : VX0414WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2023
 Supervised By : Mahesh Dadoda 04/14/2023

Quant Time: Apr 14 05:40:38 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	321419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	517952	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	467693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	223710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	225714	45.918	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.840%		
35) Dibromofluoromethane	5.385	113	176952	51.652	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.300%		
50) Toluene-d8	8.647	98	646747	51.147	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.300%		
62) 4-Bromofluorobenzene	11.079	95	254597	52.030	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	56713	17.691	ug/l	99
3) Chloromethane	1.294	50	64503	16.070	ug/l	98
4) Vinyl Chloride	1.374	62	64021	16.109	ug/l	97
5) Bromomethane	1.617	94	40810	15.802	ug/l	97
6) Chloroethane	1.691	64	37925	14.667	ug/l	99
7) Trichlorofluoromethane	1.886	101	94614	14.809	ug/l	98
8) Diethyl Ether	2.130	74	37576	16.682	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	61351	18.372	ug/l	98
10) Methyl Iodide	2.453	142	66689	16.036	ug/l	97
11) Tert butyl alcohol	3.007	59	78060	90.508	ug/l	97
12) 1,1-Dichloroethene	2.318	96	55622	16.857	ug/l	94
13) Acrolein	2.239	56	79615	89.674	ug/l	98
14) Allyl chloride	2.666	41	111052	17.179	ug/l	97
15) Acrylonitrile	3.068	53	186347	95.988	ug/l	99
16) Acetone	2.392	43	194526	97.414	ug/l	96
17) Carbon Disulfide	2.514	76	123321	14.922	ug/l	100
18) Methyl Acetate	2.703	43	137391	19.364	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	220400	18.041	ug/l	99
20) Methylene Chloride	2.788	84	68578	17.403	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	62440	17.351	ug/l	99
22) Diisopropyl ether	3.757	45	236242	18.111	ug/l	97
23) Vinyl Acetate	3.721	43	843885	90.714	ug/l	99
24) 1,1-Dichloroethane	3.611	63	124868	17.792	ug/l	98
25) 2-Butanone	4.562	43	283127	97.470	ug/l	99
26) 2,2-Dichloropropane	4.477	77	99327	17.210	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	76877	18.028	ug/l	98
28) Bromochloromethane	4.903	49	79144	23.053	ug/l	95
29) Tetrahydrofuran	5.013	42	176173	96.814	ug/l	98
30) Chloroform	5.092	83	126254	17.712	ug/l	99
31) Cyclohexane	5.470	56	105980	17.706	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	108840	17.892	ug/l	98
36) 1,1-Dichloropropene	5.690	75	92168	18.160	ug/l	100
37) Ethyl Acetate	4.714	43	103718	19.544	ug/l	98
38) Carbon Tetrachloride	5.672	117	90295	18.870	ug/l	95
39) Methylcyclohexane	7.379	83	96806	17.962	ug/l	96
40) Benzene	6.037	78	272725	18.719	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041423\
 Data File : VX035058.D
 Acq On : 13 Apr 2023 12:42
 Operator : JC/MD
 Sample : VX0414WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2023
 Supervised By : Mahesh Dadoda 04/14/2023

Quant Time: Apr 14 05:40:38 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)
41) Methacrylonitrile	4.916	41	58862	20.395	ug/l	98
42) 1,2-Dichloroethane	6.086	62	103055	17.791	ug/l	98
43) Isopropyl Acetate	6.336	43	166969	18.805	ug/l	98
44) Trichloroethene	7.123	130	71250	19.158	ug/l	100
45) 1,2-Dichloropropane	7.427	63	71315	18.784	ug/l	97
46) Dibromomethane	7.580	93	47735	18.273	ug/l	96
47) Bromodichloromethane	7.824	83	91921	19.050	ug/l	95
48) Methyl methacrylate	7.696	41	82254	18.864	ug/l	97
49) 1,4-Dioxane	7.708	88	37060	412.425	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	526261	100.149	ug/l	99
52) Toluene	8.720	92	173119	18.224	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	94758	18.255	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	109501	19.276	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	71163	19.793	ug/l	96
56) Ethyl methacrylate	9.116	69	111860	19.857	ug/l	97
57) 1,3-Dichloropropane	9.305	76	122456	19.232	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	275485	96.044	ug/l	97
59) 2-Hexanone	9.427	43	409140	102.942	ug/l	98
60) Dibromochloromethane	9.518	129	67064	19.581	ug/l	97
61) 1,2-Dibromoethane	9.610	107	72491	19.389	ug/l	99
64) Tetrachloroethene	9.275	164	62392	18.641	ug/l	99
65) Chlorobenzene	10.079	112	185858	19.100	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	65500	19.575	ug/l	99
67) Ethyl Benzene	10.195	91	333356	18.910	ug/l	98
68) m/p-Xylenes	10.299	106	255166	37.893	ug/l	100
69) o-Xylene	10.640	106	126448	19.169	ug/l	100
70) Styrene	10.652	104	208906	19.838	ug/l	98
71) Bromoform	10.799	173	44711	19.646	ug/l #	99
73) Isopropylbenzene	10.963	105	322201	19.662	ug/l	100
74) N-amyl acetate	10.841	43	144219	19.574	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	107967	20.103	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	89540m	19.864	ug/l	
77) Bromobenzene	11.201	156	79489	19.577	ug/l	95
78) n-propylbenzene	11.305	91	363762	19.216	ug/l	99
79) 2-Chlorotoluene	11.366	91	232159	19.424	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	269395	19.662	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	26156	17.390	ug/l	89
82) 4-Chlorotoluene	11.457	91	265931	19.160	ug/l	99
83) tert-Butylbenzene	11.713	119	260635	20.258	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	271008	19.450	ug/l	99
85) sec-Butylbenzene	11.890	105	309982	19.804	ug/l	99
86) p-Isopropyltoluene	12.012	119	260184	19.935	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	145103	19.623	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	148312	19.204	ug/l	98
89) n-Butylbenzene	12.335	91	219898	19.284	ug/l	99
90) Hexachloroethane	12.542	117	37519	18.554	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	146646	19.802	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22034	19.655	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	87008	20.773	ug/l	100
94) Hexachlorobutadiene	13.725	225	36963	20.064	ug/l	99
95) Naphthalene	13.774	128	310139	20.838	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	86217	20.411	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041423\
Data File : VX035058.D
Acq On : 13 Apr 2023 12:42
Operator : JC/MD
Sample : VX0414WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01

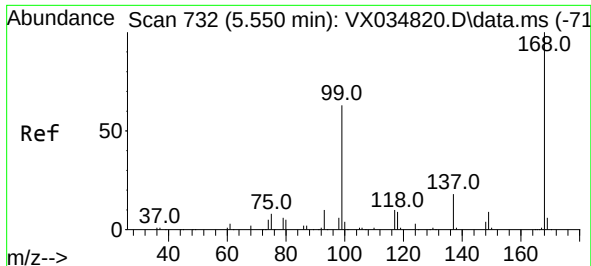
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

Quant Time: Apr 14 05:40:38 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

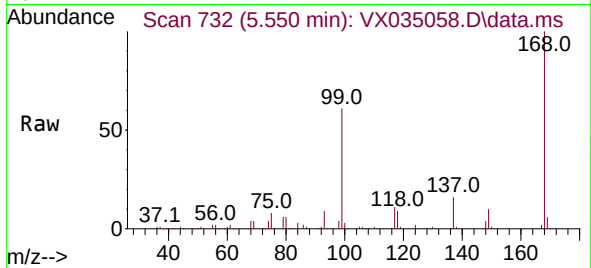
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

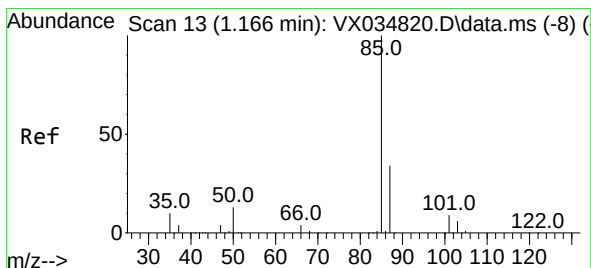
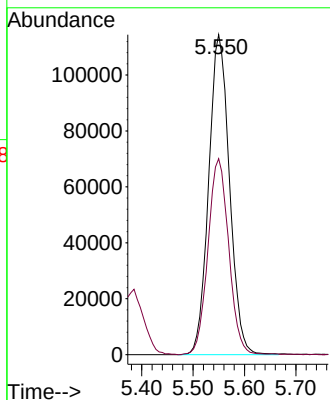
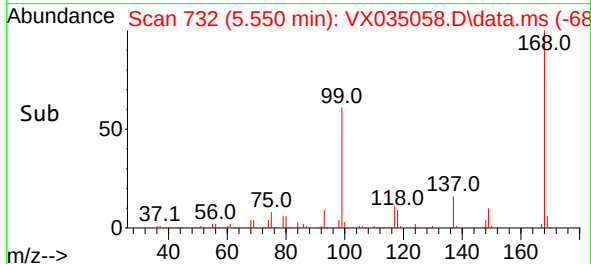
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01



Tgt Ion:168 Resp: 321419
Ion Ratio Lower Upper
168 100
99 61.3 45.7 68.5

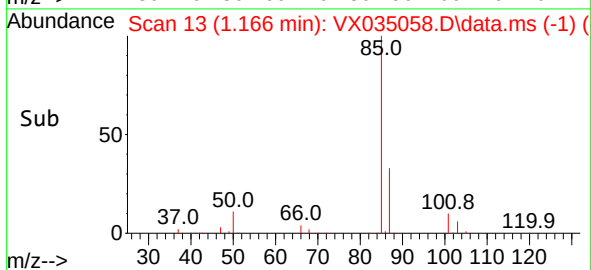
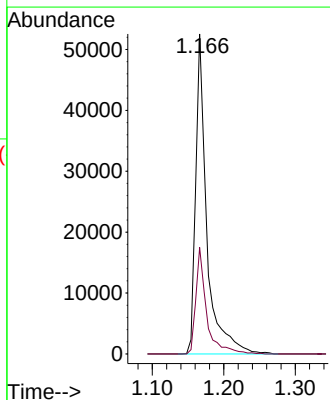
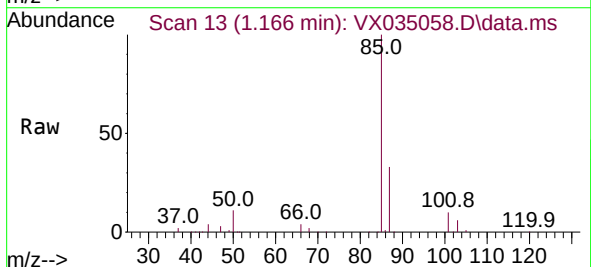
Manual Integrations
APPROVED

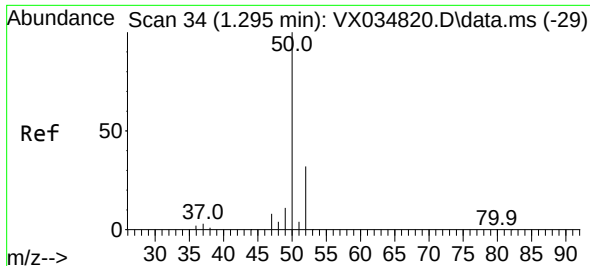
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#2
Dichlorodifluoromethane
Concen: 17.691 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

Tgt Ion: 85 Resp: 56713
Ion Ratio Lower Upper
85 100
87 33.3 16.4 49.1





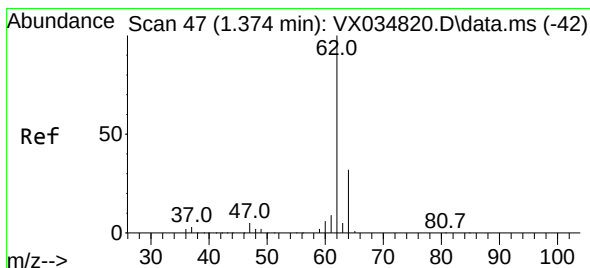
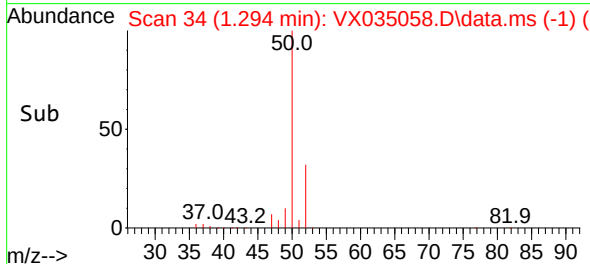
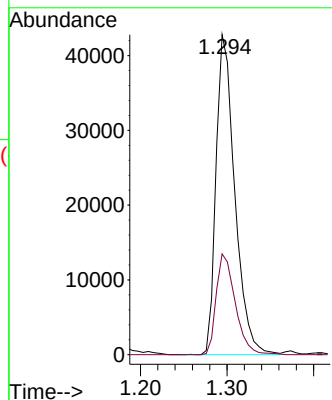
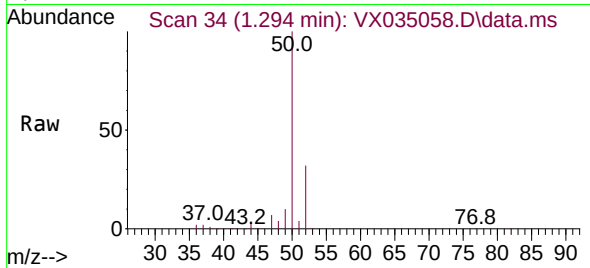
#3
Chloromethane
Concen: 16.070 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01

Tgt Ion: 50 Resp: 6450
Ion Ratio Lower Upper
50 100
52 31.5 25.9 38.9

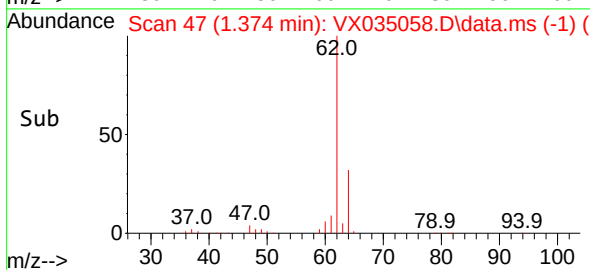
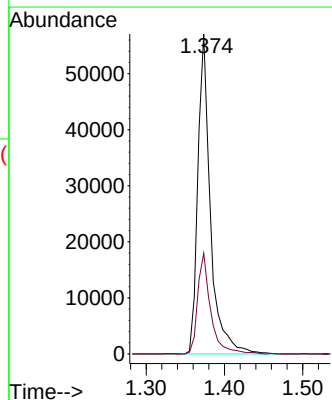
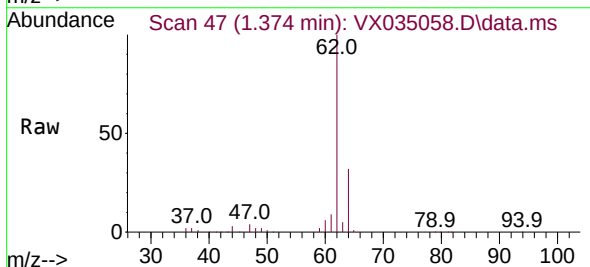
Manual Integrations
APPROVED

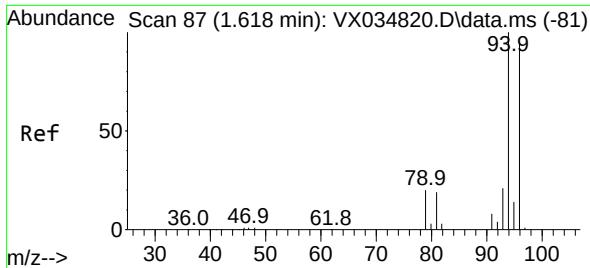
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#4
Vinyl Chloride
Concen: 16.109 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

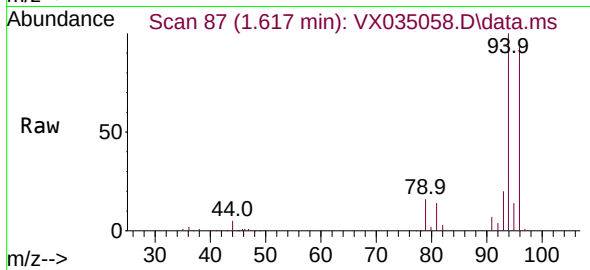
Tgt Ion: 62 Resp: 64021
Ion Ratio Lower Upper
62 100
64 31.5 26.4 39.6





#5
Bromomethane
Concen: 15.802 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

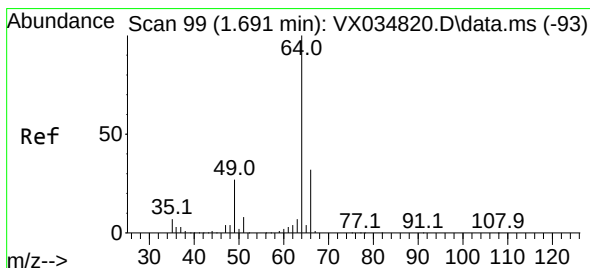
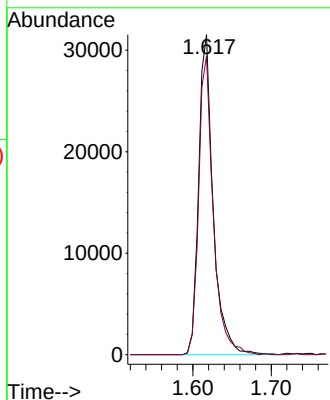
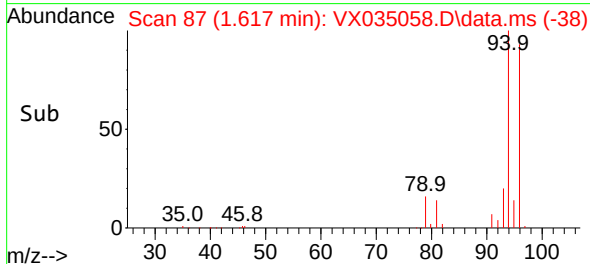
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01



Tgt Ion: 94 Resp: 40810
Ion Ratio Lower Upper
94 100
96 93.4 77.0 115.6

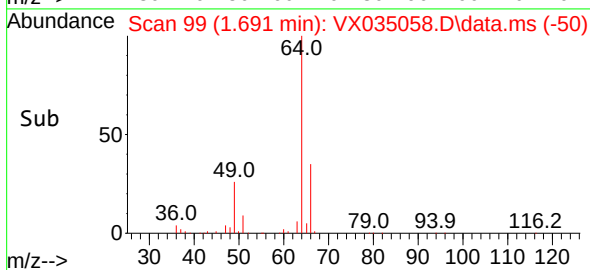
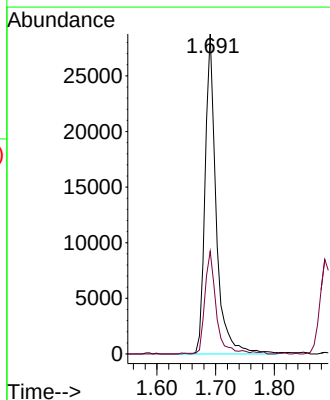
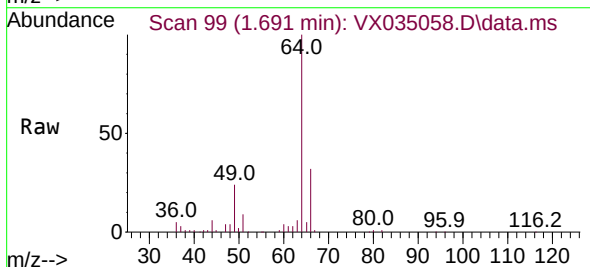
Manual Integrations
APPROVED

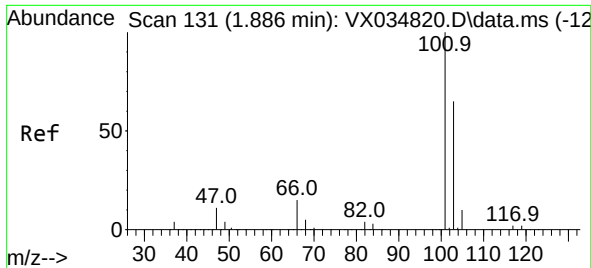
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#6
Chloroethane
Concen: 14.667 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

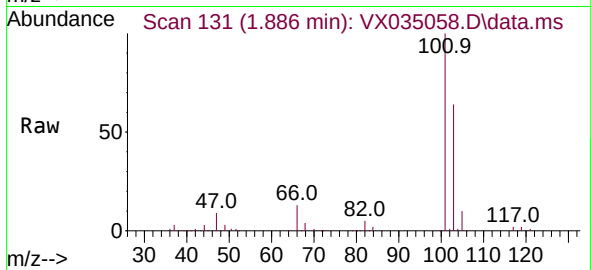
Tgt Ion: 64 Resp: 37925
Ion Ratio Lower Upper
64 100
66 32.1 26.2 39.4





#7
Trichlorofluoromethane
Concen: 14.809 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

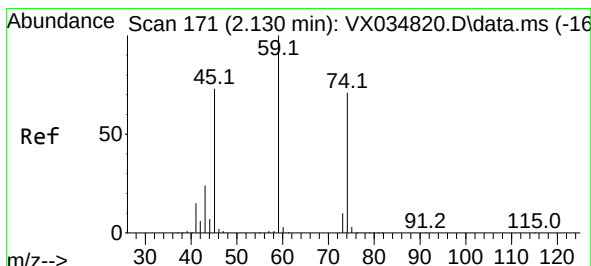
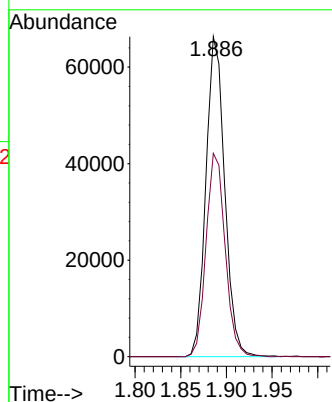
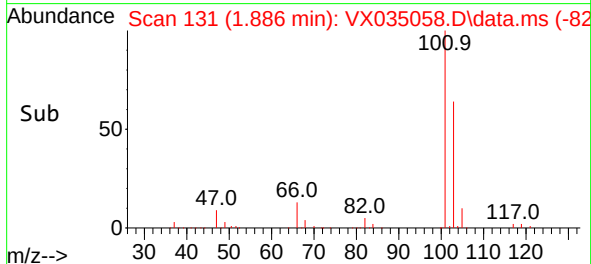
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01



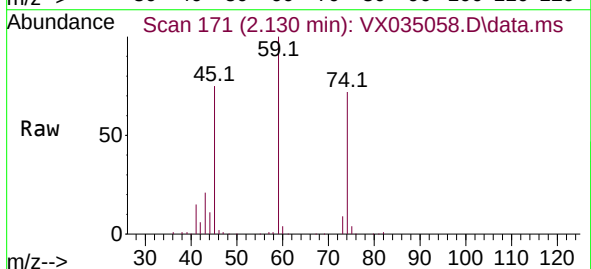
Tgt Ion:101 Resp: 94614
Ion Ratio Lower Upper
101 100
103 63.5 52.0 78.0

Manual Integrations
APPROVED

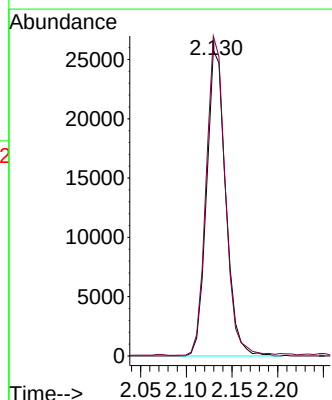
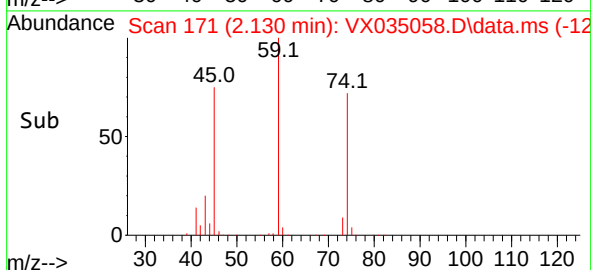
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

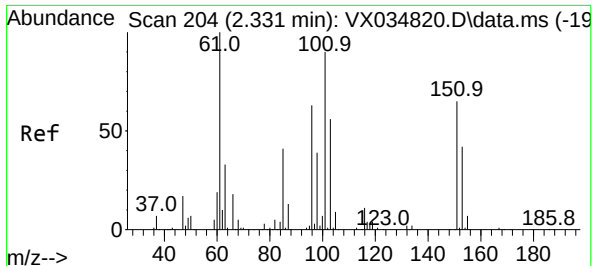


#8
Diethyl Ether
Concen: 16.682 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42



Tgt Ion: 74 Resp: 37576
Ion Ratio Lower Upper
74 100
45 103.6 49.8 149.3





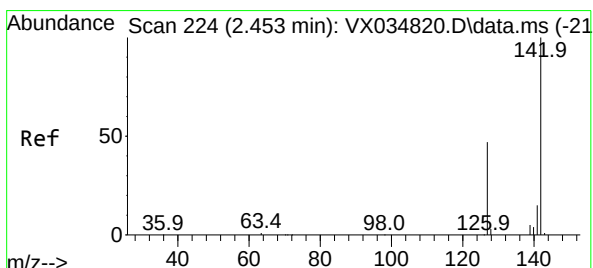
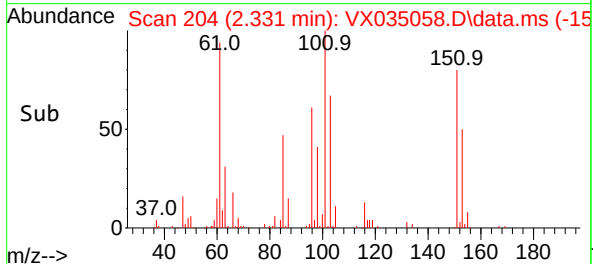
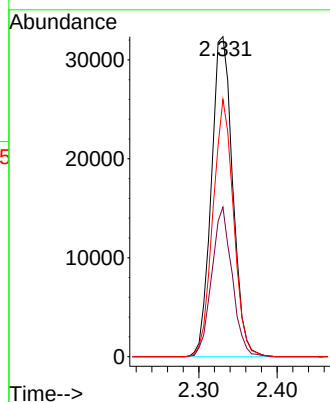
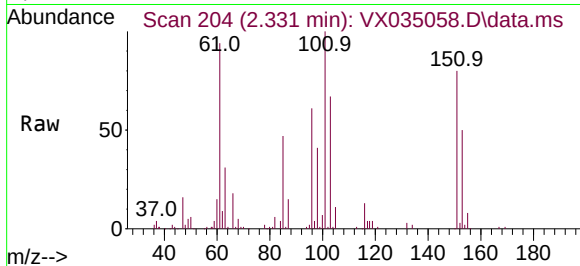
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.372 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01

Tgt Ion:101 Resp: 6135
Ion Ratio Lower Upper
101 100
85 44.7 35.4 53.2
151 77.7 60.2 90.4

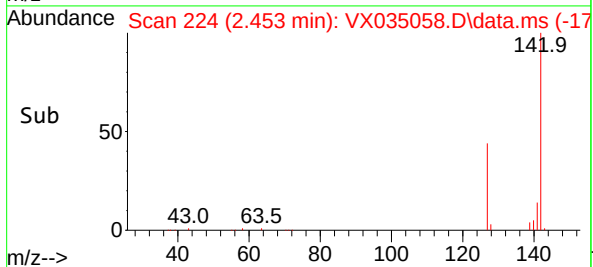
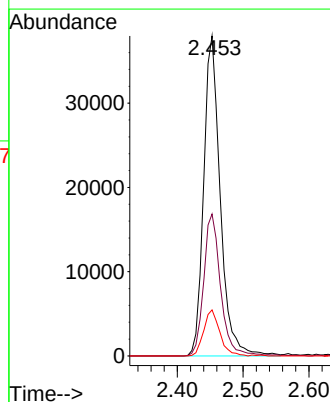
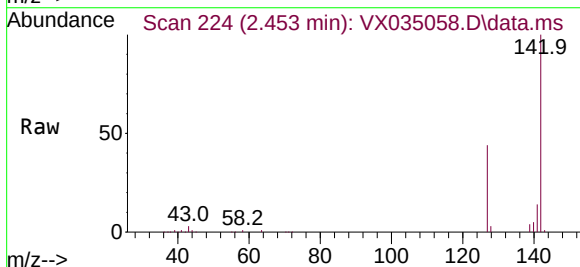
Manual Integrations
APPROVED

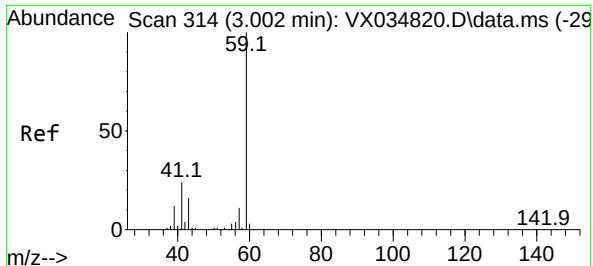
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#10
Methyl Iodide
Concen: 16.036 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

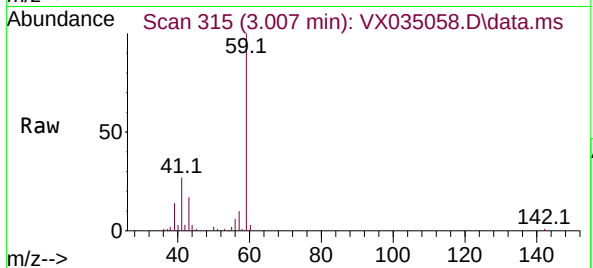
Tgt Ion:142 Resp: 66689
Ion Ratio Lower Upper
142 100
127 45.3 34.0 51.0
141 14.0 11.1 16.7





#11
Tert butyl alcohol
Concen: 90.508 ug/l
RT: 3.007 min Scan# 314
Delta R.T. 0.006 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

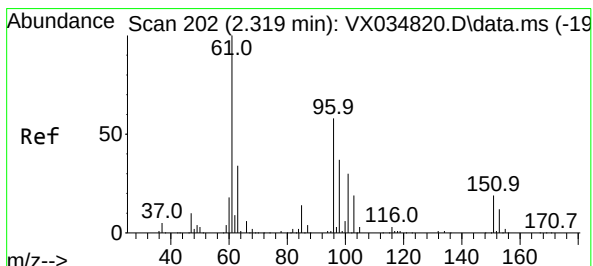
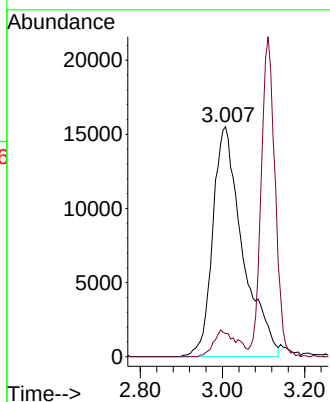
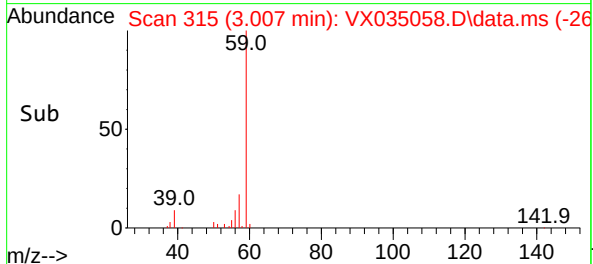
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01



Tgt Ion: 59 Resp: 78060
Ion Ratio Lower Upper
59 100
57 9.0 8.1 12.1

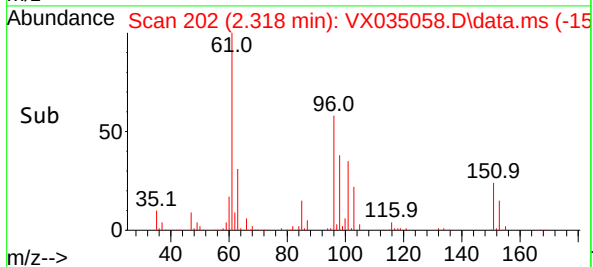
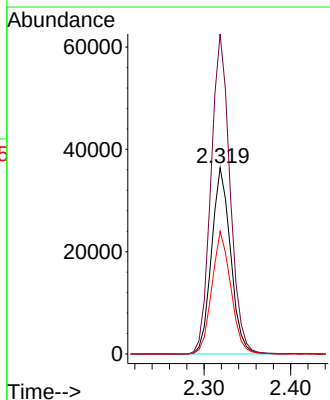
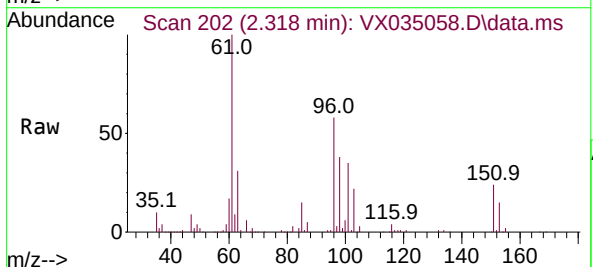
Manual Integrations
APPROVED

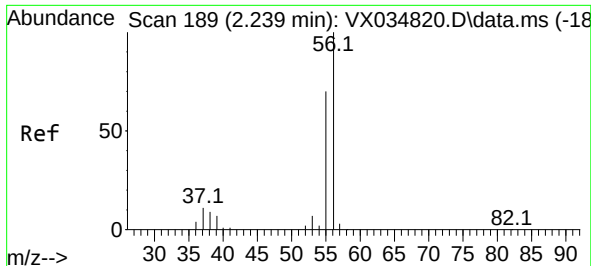
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#12
1,1-Dichloroethene
Concen: 16.857 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

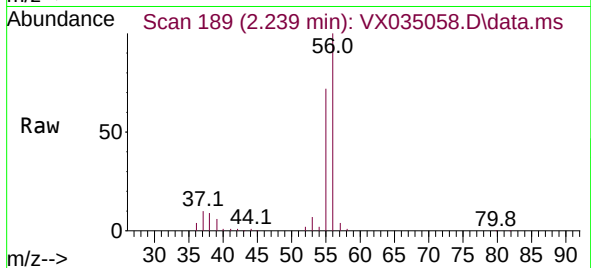
Tgt Ion: 96 Resp: 55622
Ion Ratio Lower Upper
96 100
61 171.8 128.8 193.2
98 65.8 51.4 77.0





#13
Acrolein
Concen: 89.674 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

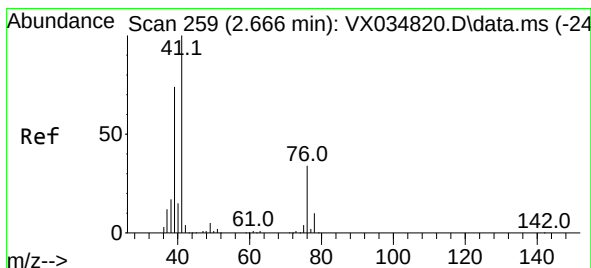
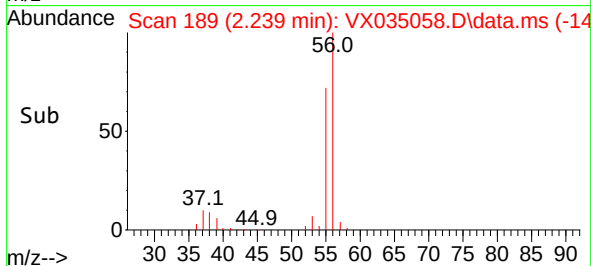
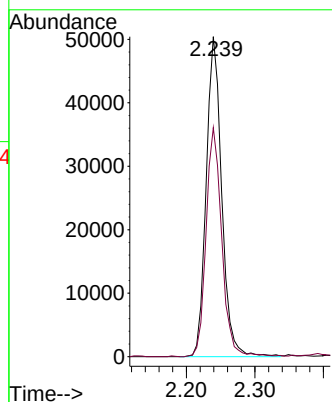
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01



Tgt Ion: 56 Resp: 7961
Ion Ratio Lower Upper
56 100
55 72.4 56.6 85.0

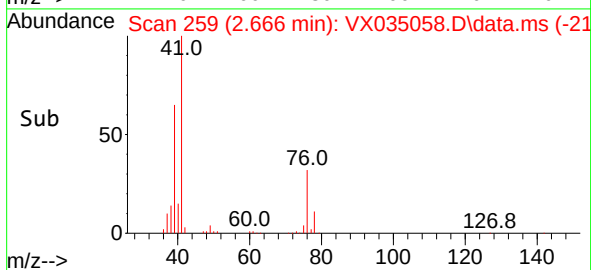
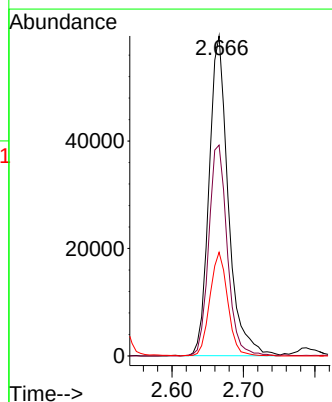
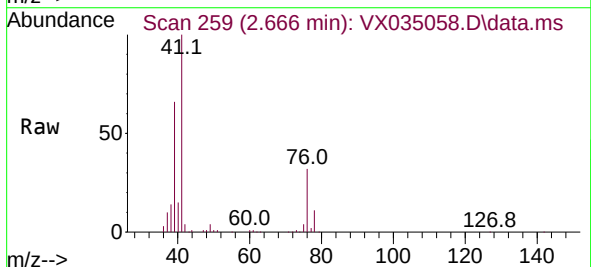
Manual Integrations
APPROVED

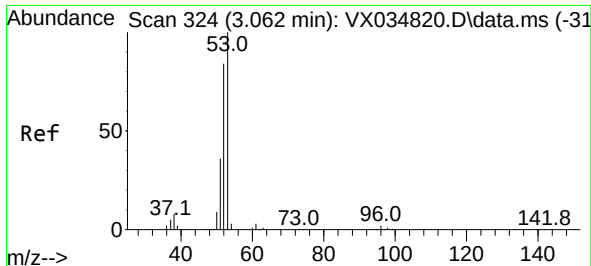
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#14
Allyl chloride
Concen: 17.179 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

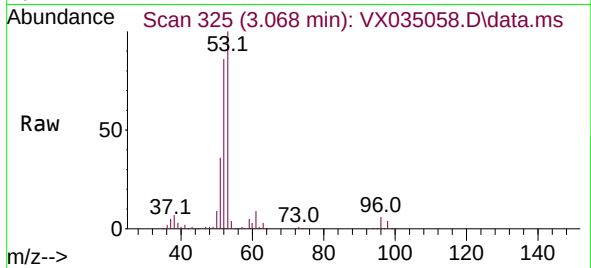
Tgt Ion: 41 Resp: 111052
Ion Ratio Lower Upper
41 100
39 63.8 52.4 78.6
76 30.2 26.0 39.0





#15
Acrylonitrile
Concen: 95.988 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

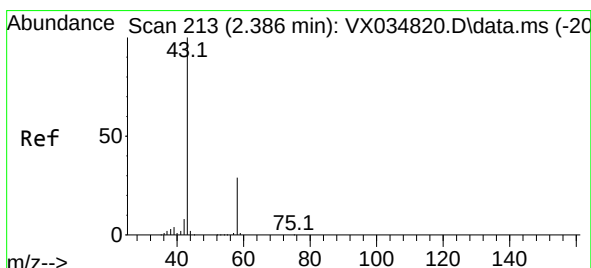
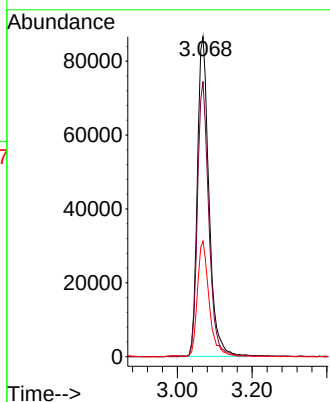
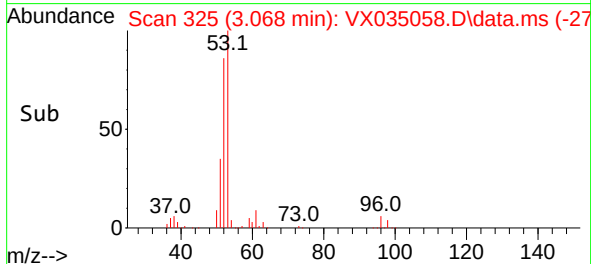
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01



Tgt Ion: 53 Resp: 18634
Ion Ratio Lower Upper
53 100
52 84.0 66.2 99.2
51 36.2 28.3 42.5

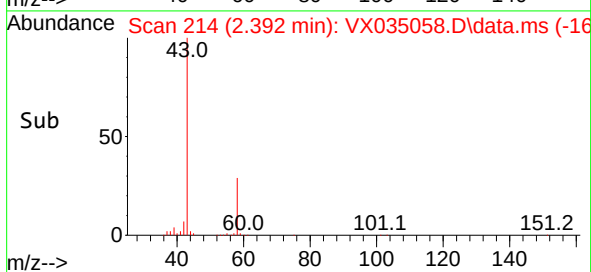
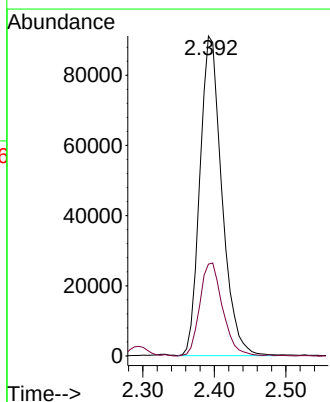
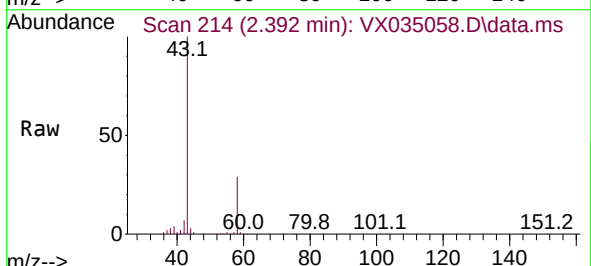
Manual Integrations
APPROVED

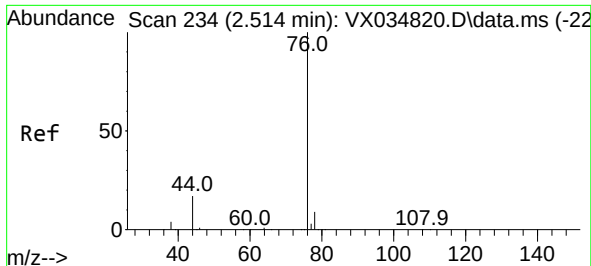
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#16
Acetone
Concen: 97.414 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

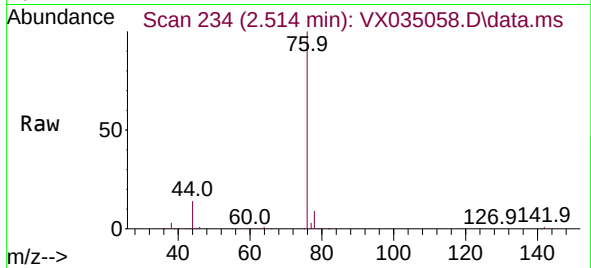
Tgt Ion: 43 Resp: 194526
Ion Ratio Lower Upper
43 100
58 28.7 24.7 37.1





#17
Carbon Disulfide
Concen: 14.922 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

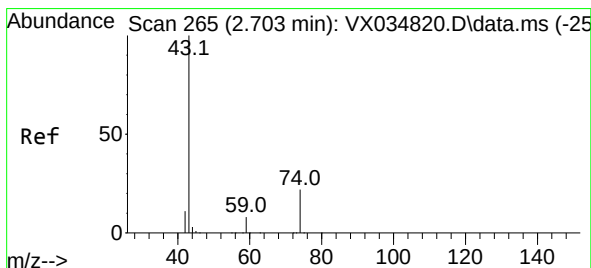
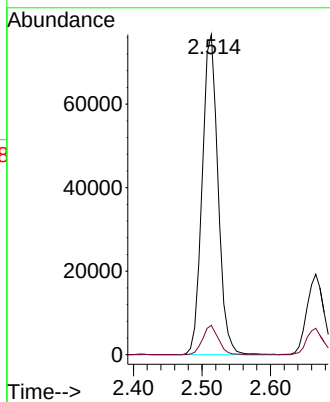
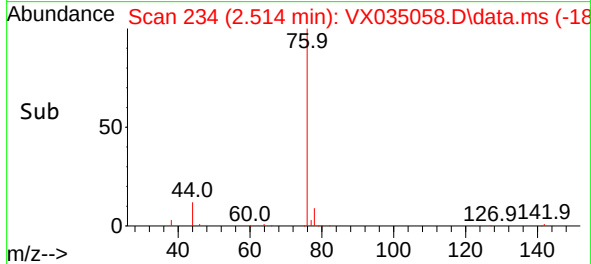
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01



Tgt Ion: 76 Resp: 12332
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

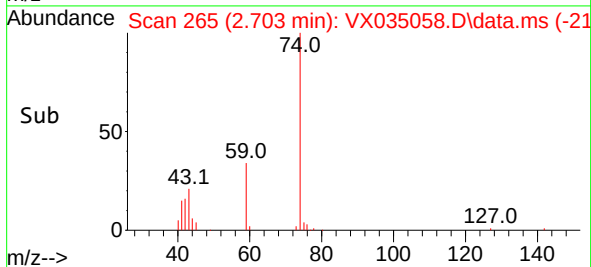
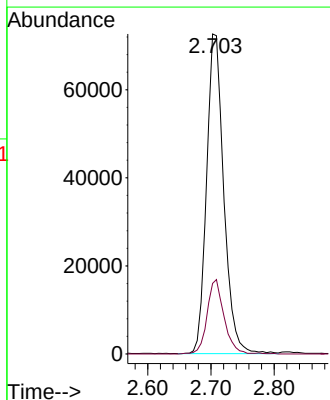
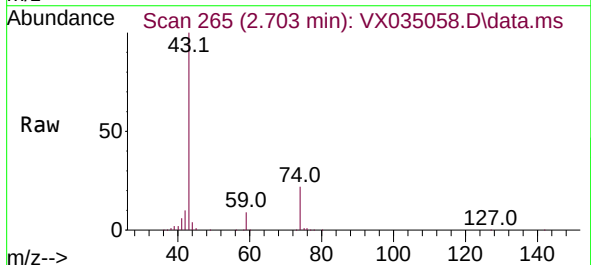
Manual Integrations
APPROVED

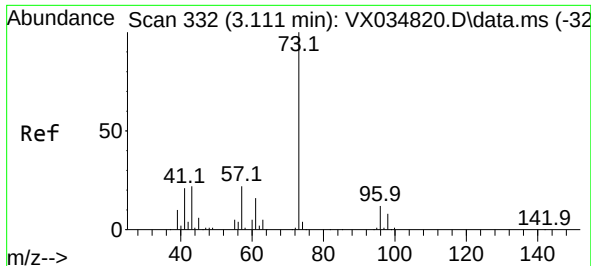
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#18
Methyl Acetate
Concen: 19.364 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

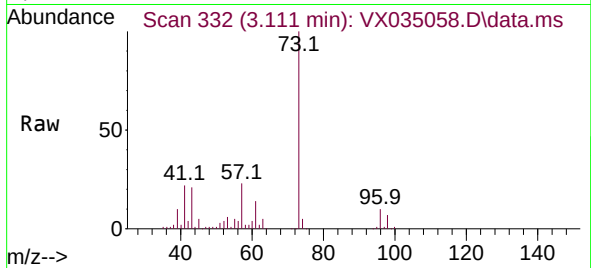
Tgt Ion: 43 Resp: 137391
Ion Ratio Lower Upper
43 100
74 22.8 18.3 27.5





#19
Methyl tert-butyl Ether
Concen: 18.041 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

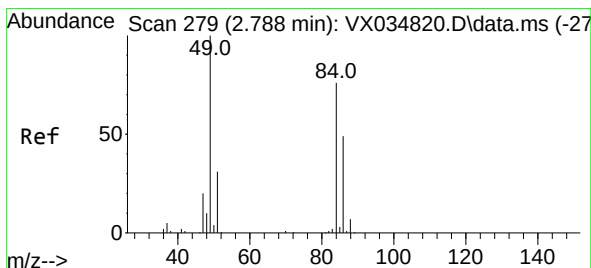
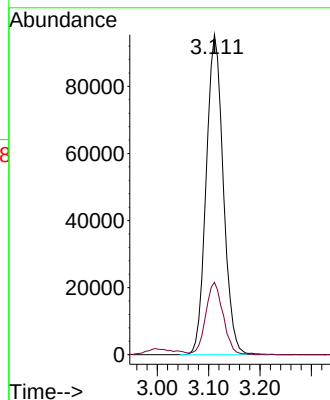
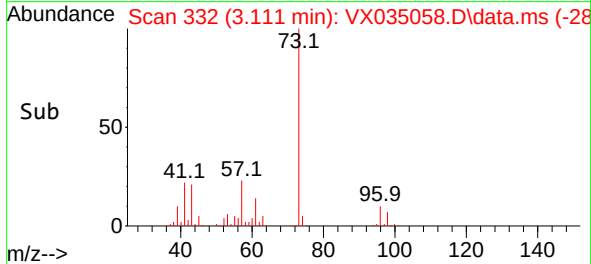
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01



Tgt Ion: 73 Resp: 220400
Ion Ratio Lower Upper
73 100
57 22.6 18.5 27.7

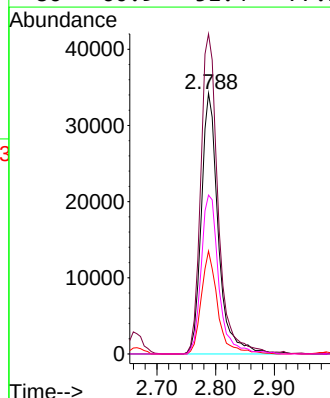
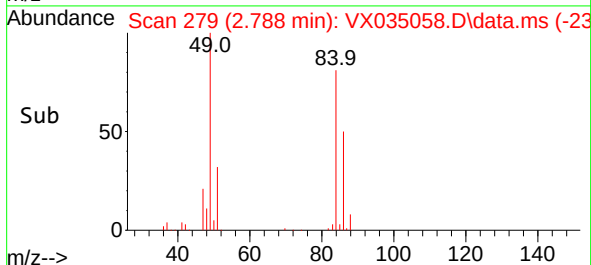
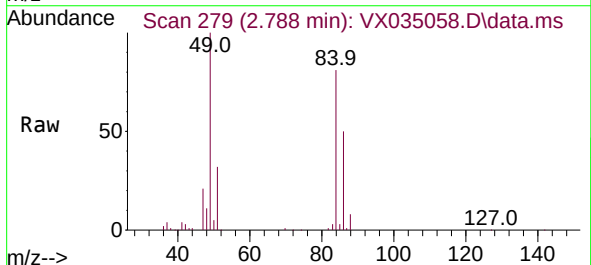
Manual Integrations
APPROVED

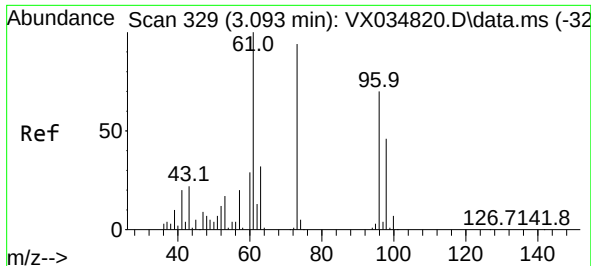
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#20
Methylene Chloride
Concen: 17.403 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

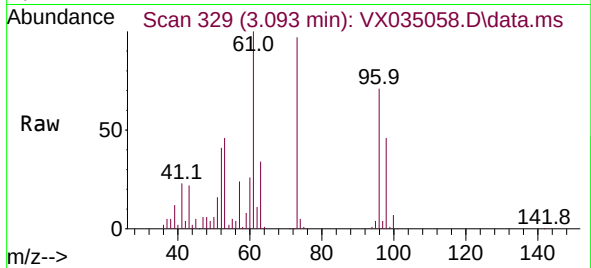
Tgt Ion: 84 Resp: 68578
Ion Ratio Lower Upper
84 100
49 122.8 103.8 155.8
51 39.5 31.8 47.8
86 60.9 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 17.351 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

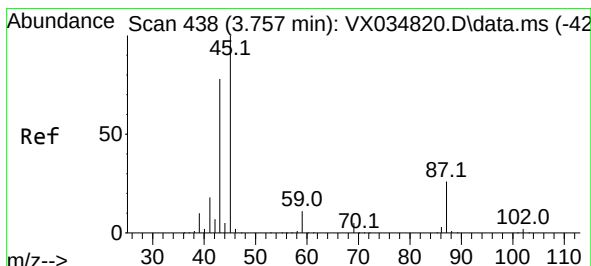
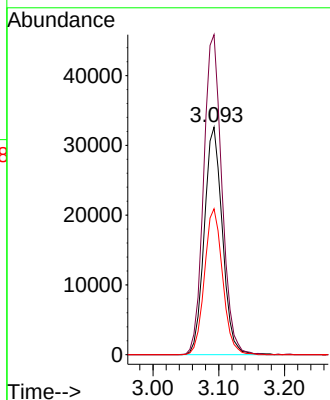
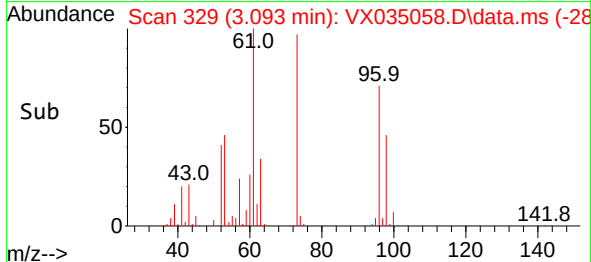
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01



Tgt Ion: 96 Resp: 62440
Ion Ratio Lower Upper
96 100
61 140.6 113.0 169.6
98 64.1 52.1 78.1

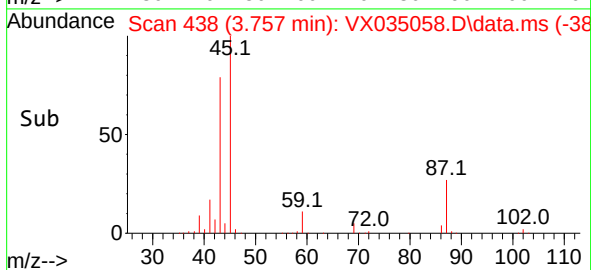
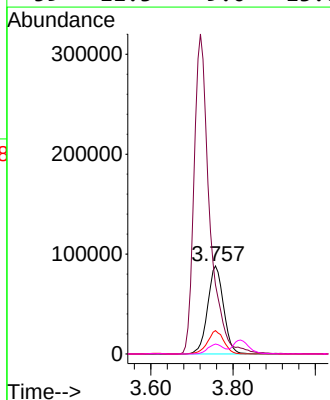
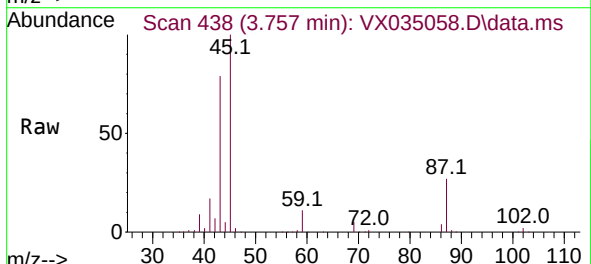
Manual Integrations
APPROVED

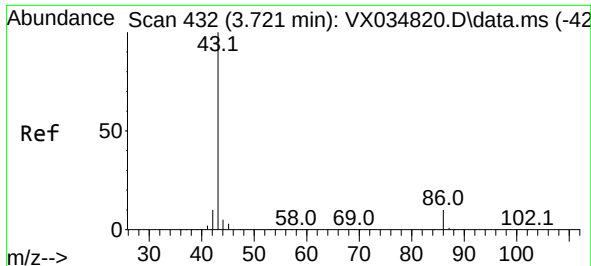
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#22
Diisopropyl ether
Concen: 18.111 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

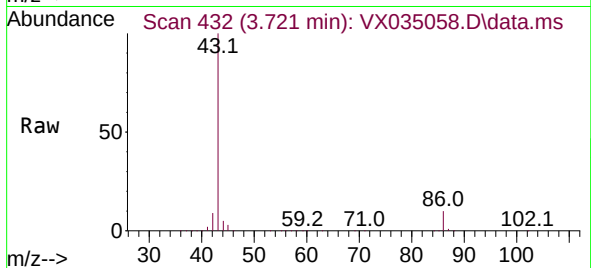
Tgt Ion: 45 Resp: 236242
Ion Ratio Lower Upper
45 100
43 78.5 65.4 98.2
87 26.6 20.6 31.0
59 11.3 9.0 13.6





#23
 Vinyl Acetate
 Concen: 90.714 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX035058.D
 Acq: 13 Apr 2023 12:42

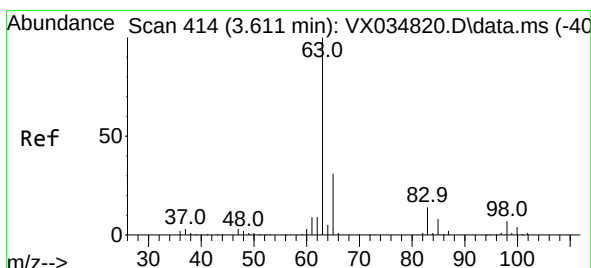
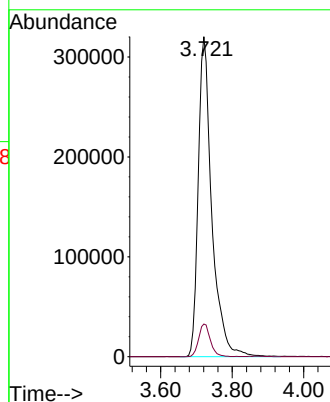
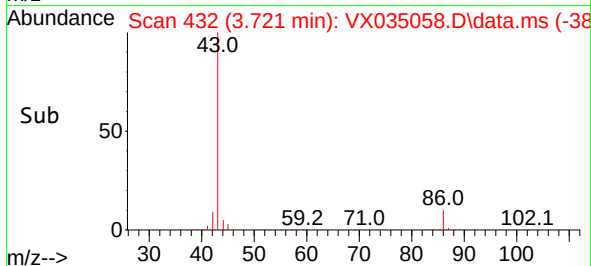
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBS01



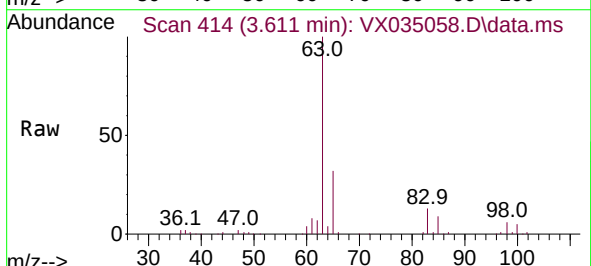
Tgt Ion: 43 Resp: 84388
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.5 12.7

Manual Integrations
 APPROVED

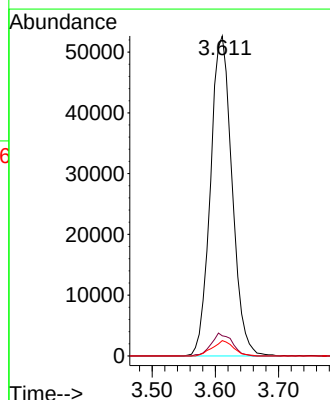
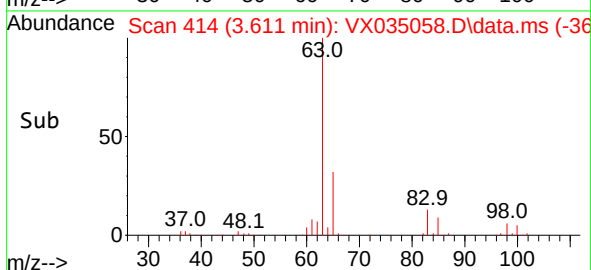
Reviewed By :John Carlone 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

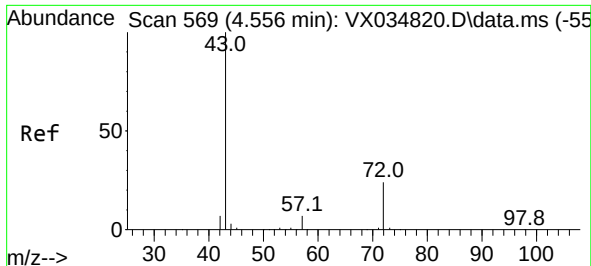


#24
 1,1-Dichloroethane
 Concen: 17.792 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX035058.D
 Acq: 13 Apr 2023 12:42



Tgt Ion: 63 Resp: 124868
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.8 11.2
 100 4.8 2.4 7.1





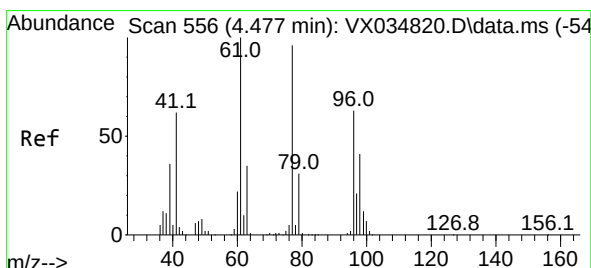
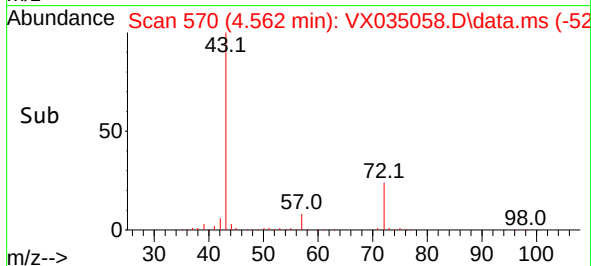
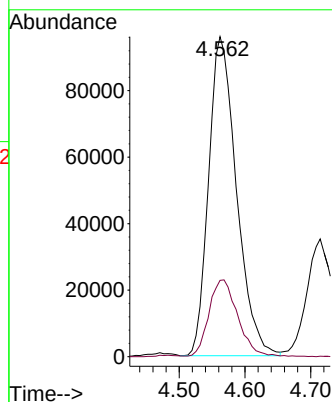
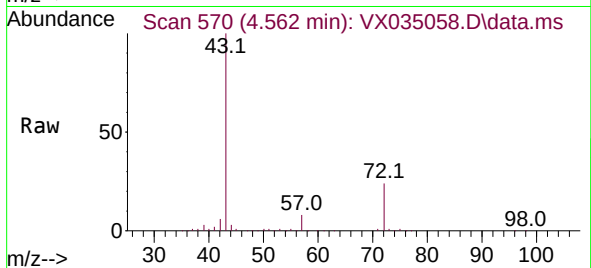
#25
2-Butanone
Concen: 97.470 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01

Tgt Ion: 43 Resp: 28312
Ion Ratio Lower Upper
43 100
72 23.7 19.3 28.9

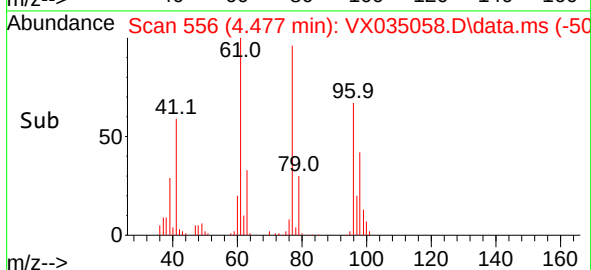
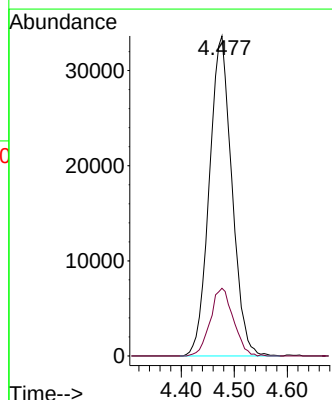
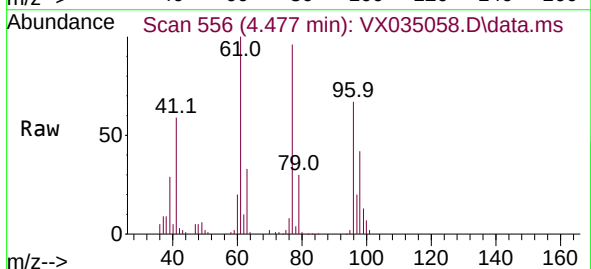
Manual Integrations
APPROVED

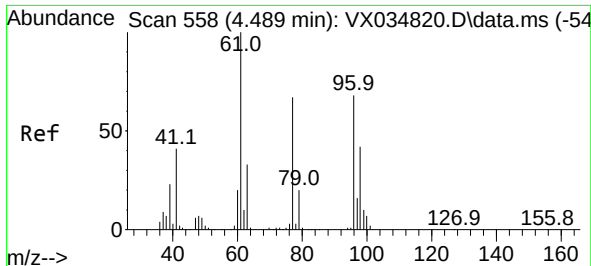
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#26
2,2-Dichloropropane
Concen: 17.210 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

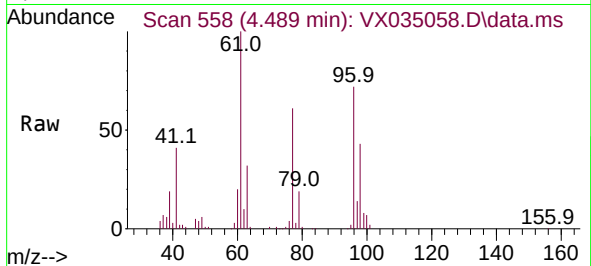
Tgt Ion: 77 Resp: 99327
Ion Ratio Lower Upper
77 100
97 21.7 11.4 34.1





#27
cis-1,2-Dichloroethene
Concen: 18.028 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

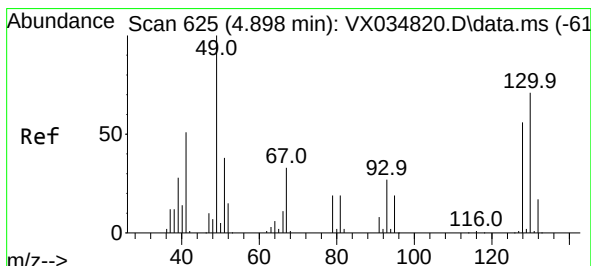
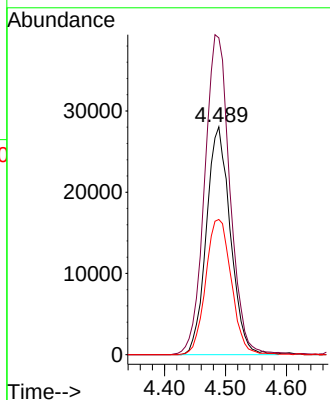
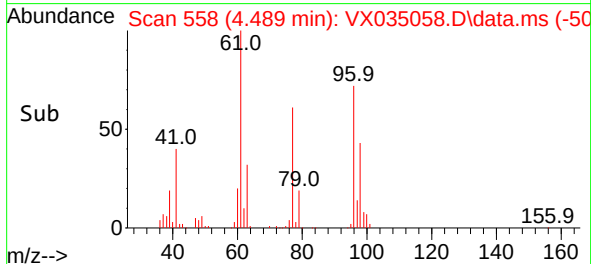
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01



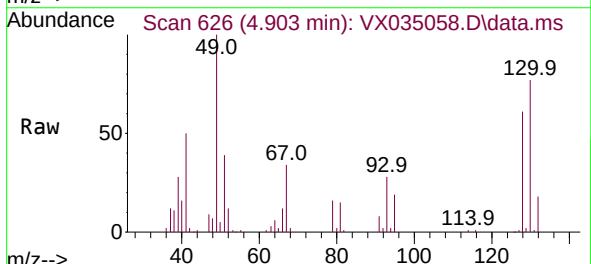
Tgt Ion: 96 Resp: 7687
Ion Ratio Lower Upper
96 100
61 147.8 0.0 300.4
98 63.3 0.0 129.0

Manual Integrations
APPROVED

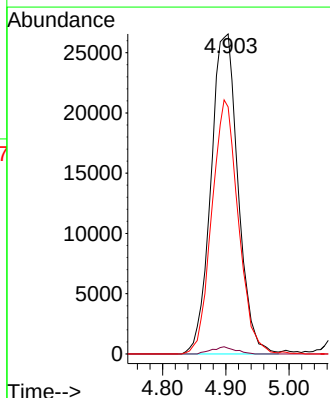
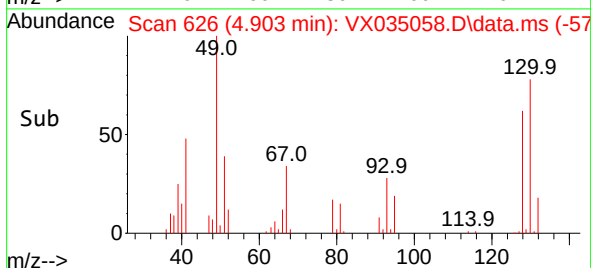
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

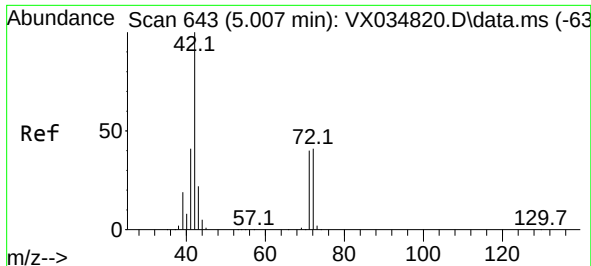


#28
Bromochloromethane
Concen: 23.053 ug/l
RT: 4.903 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42



Tgt Ion: 49 Resp: 79144
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 77.4 58.2 87.2





#29

Tetrahydrofuran

Concen: 96.814 ug/l

RT: 5.013 min Scan# 643

Delta R.T. 0.006 min

Lab File: VX035058.D

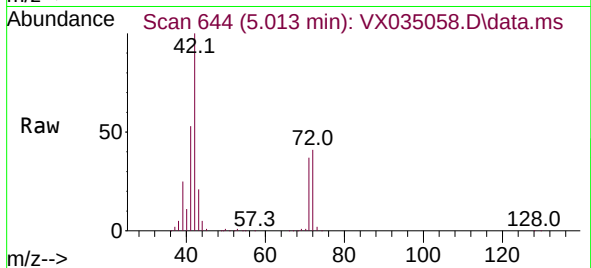
Acq: 13 Apr 2023 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBS01



Tgt Ion: 42 Resp: 17617

Ion Ratio Lower Upper

42 100

72 42.3 34.5 51.7

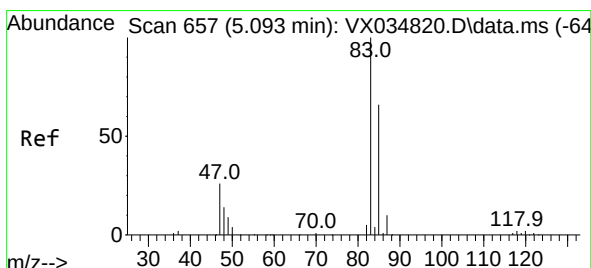
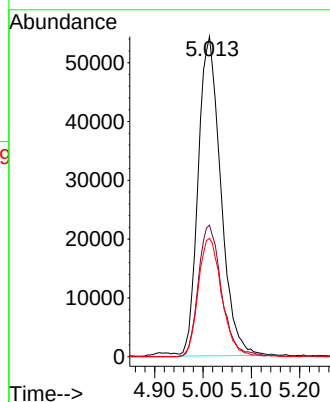
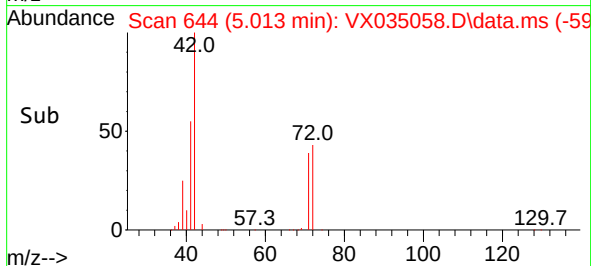
71 38.6 32.1 48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#30

Chloroform

Concen: 17.712 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX035058.D

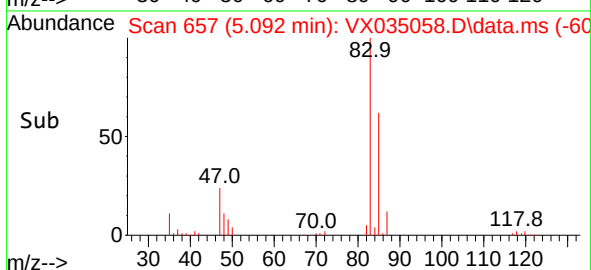
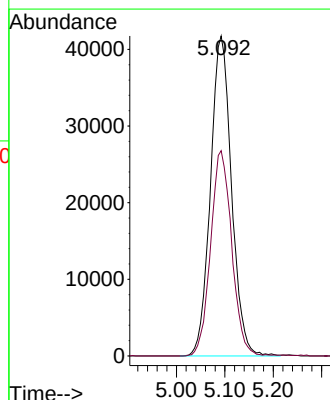
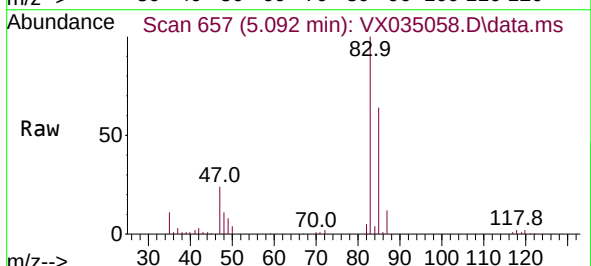
Acq: 13 Apr 2023 12:42

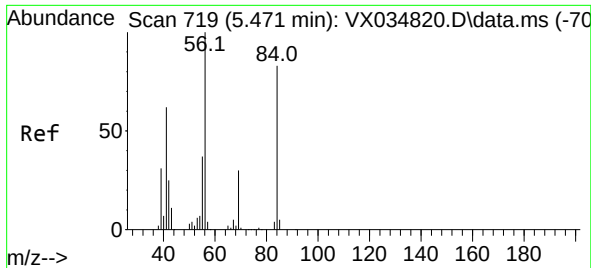
Tgt Ion: 83 Resp: 126254

Ion Ratio Lower Upper

83 100

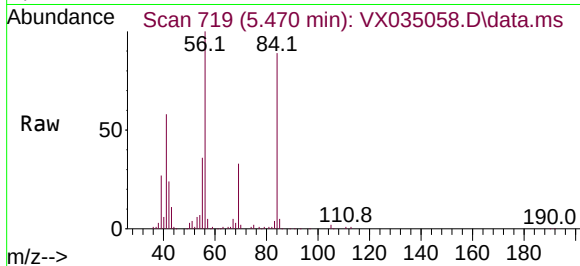
85 64.2 50.6 76.0





#31
Cyclohexane
Concen: 17.706 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

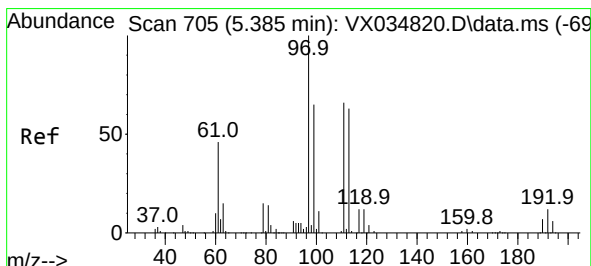
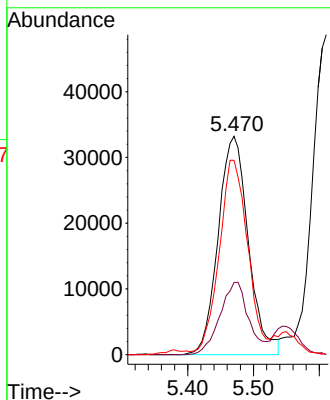
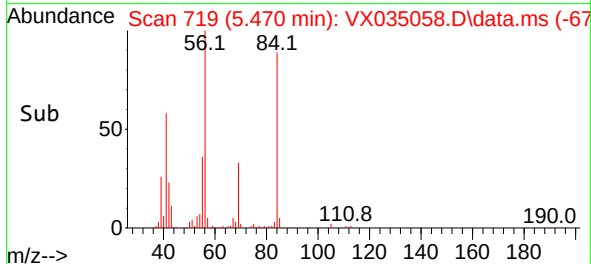
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01



Tgt Ion: 56 Resp: 105980
Ion Ratio Lower Upper
56 100
69 33.1 23.7 35.5
84 87.3 68.5 102.7

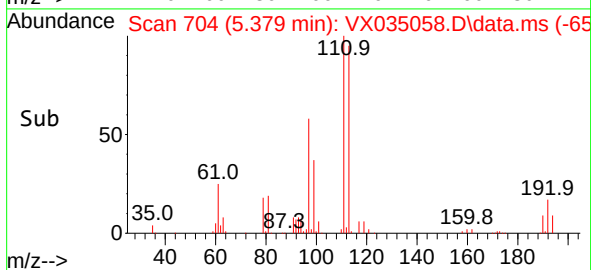
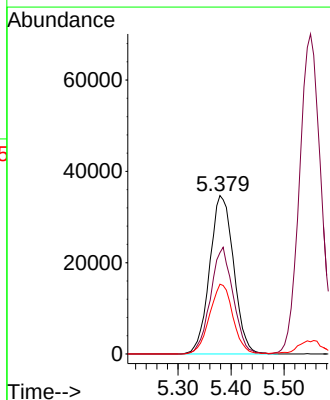
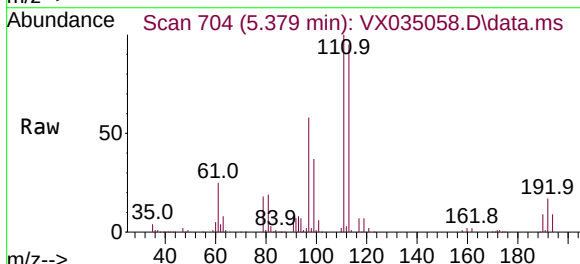
Manual Integrations
APPROVED

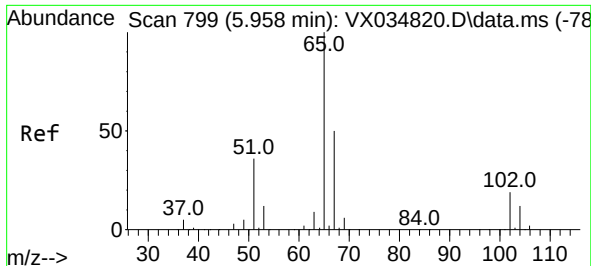
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#32
1,1,1-Trichloroethane
Concen: 17.892 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

Tgt Ion: 97 Resp: 108840
Ion Ratio Lower Upper
97 100
99 63.8 51.1 76.7
61 42.9 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 45.918 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035058.D

Acq: 13 Apr 2023 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBS01

Tgt Ion: 65 Resp: 225714

Ion Ratio Lower Upper

65 100

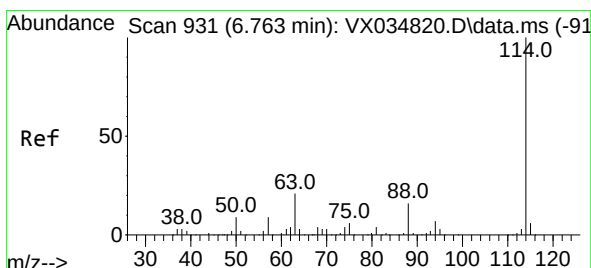
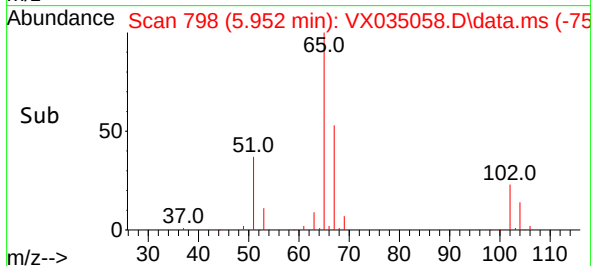
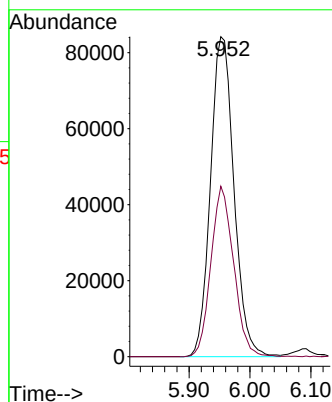
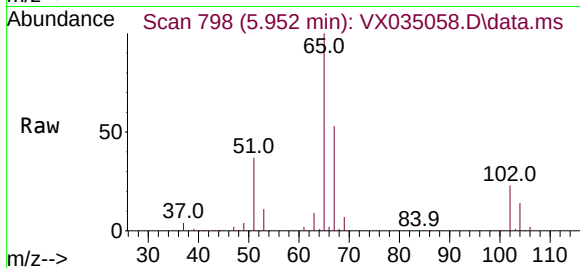
67 51.5 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035058.D

Acq: 13 Apr 2023 12:42

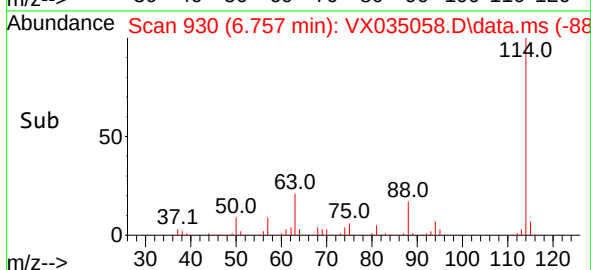
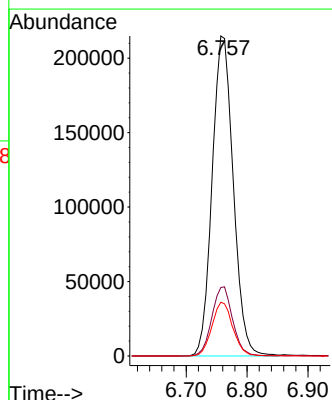
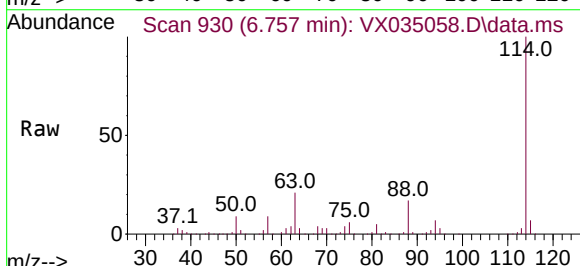
Tgt Ion:114 Resp: 517952

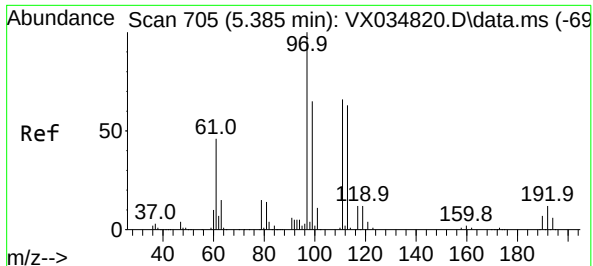
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.2

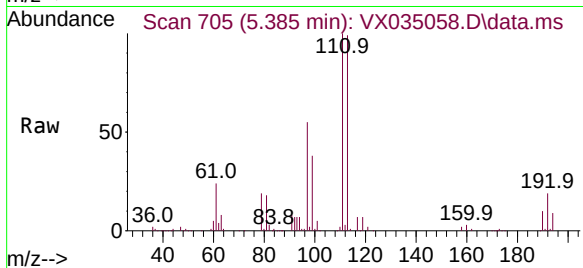
88 16.8 0.0 33.2





#35
Dibromofluoromethane
Concen: 51.652 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

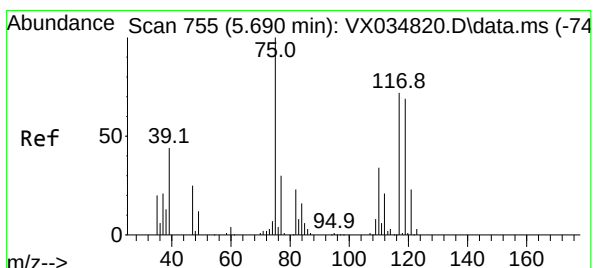
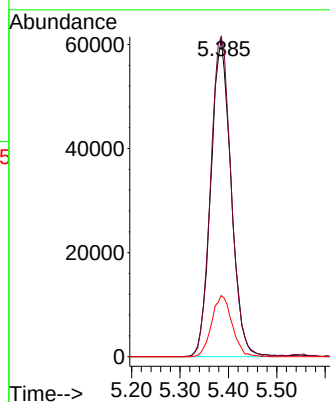
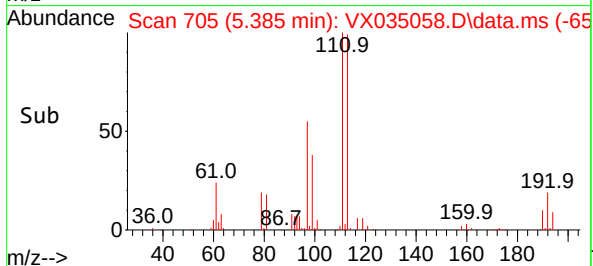
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01



Tgt Ion: 113 Resp: 176952
Ion Ratio Lower Upper
113 100
111 102.4 83.7 125.5
192 19.4 15.4 23.2

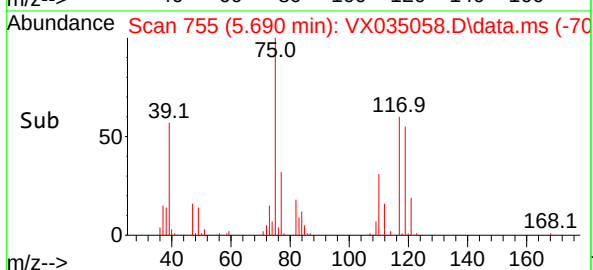
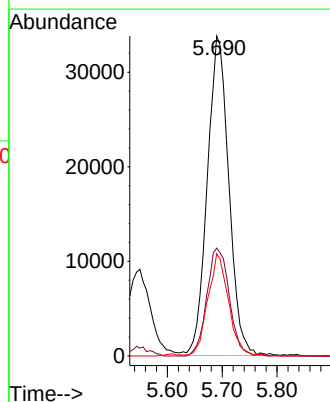
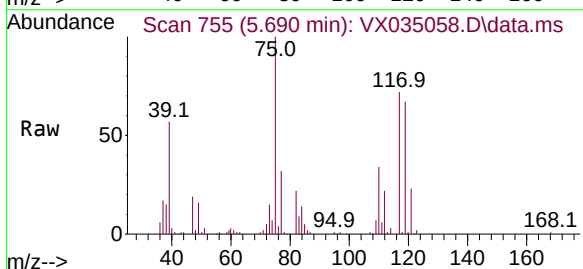
Manual Integrations
APPROVED

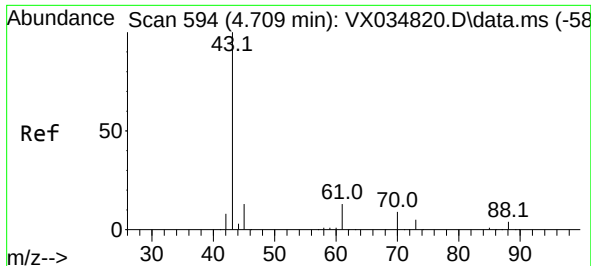
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#36
1,1-Dichloropropene
Concen: 18.160 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

Tgt Ion: 75 Resp: 92168
Ion Ratio Lower Upper
75 100
110 35.2 17.5 52.5
77 30.8 24.3 36.5





#37

Ethyl Acetate

Concen: 19.544 ug/l

RT: 4.714 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX035058.D

Acq: 13 Apr 2023 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBS01

Tgt Ion: 43 Resp: 103718

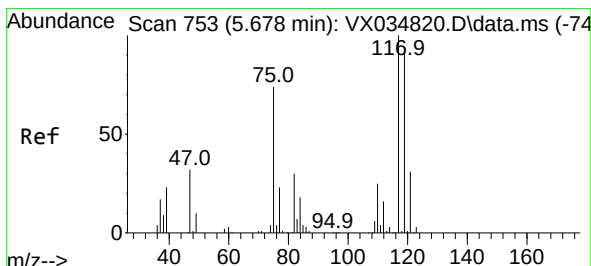
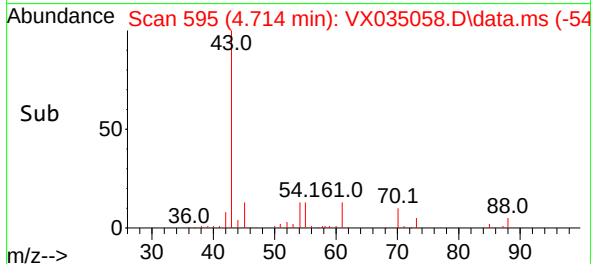
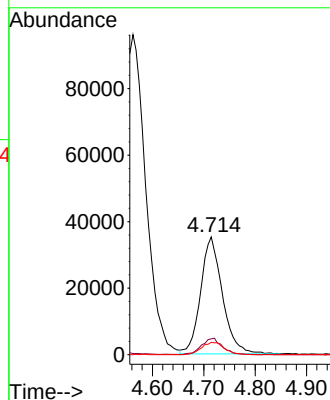
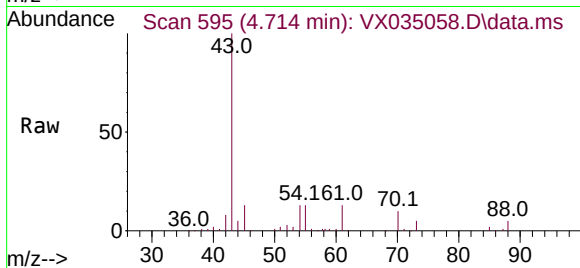
Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.2	15.4
70	11.0	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#38

Carbon Tetrachloride

Concen: 18.870 ug/l

RT: 5.672 min Scan# 752

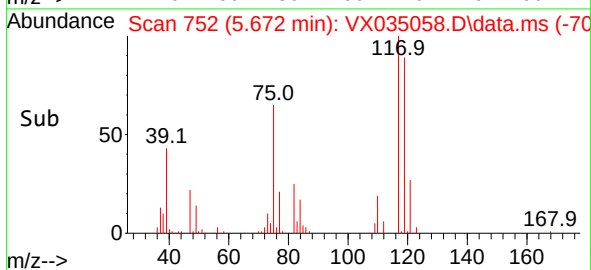
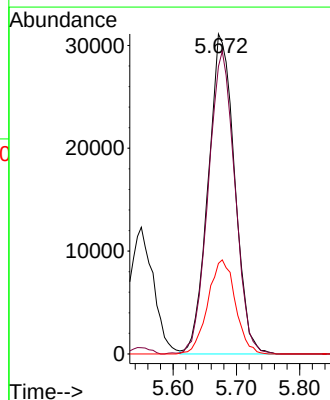
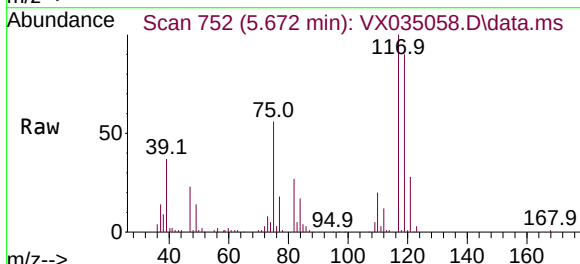
Delta R.T. -0.006 min

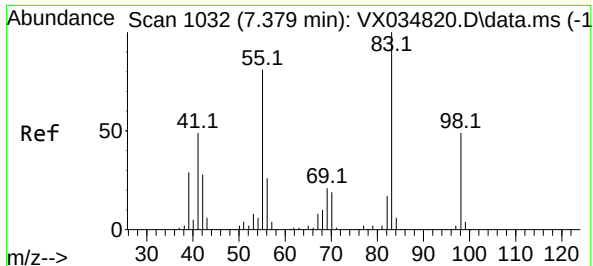
Lab File: VX035058.D

Acq: 13 Apr 2023 12:42

Tgt Ion:117 Resp: 90295

Ion	Ratio	Lower	Upper
117	100		
119	89.8	76.6	114.8
121	28.3	23.8	35.6





#39

Methylcyclohexane

Concen: 17.962 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX035058.D

Acq: 13 Apr 2023 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBS01

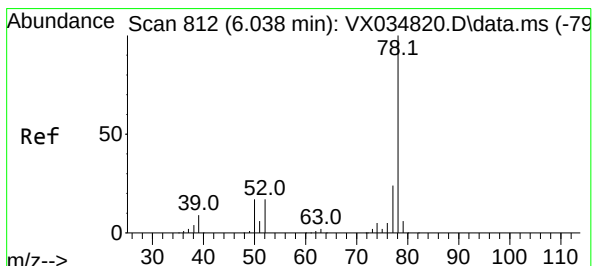
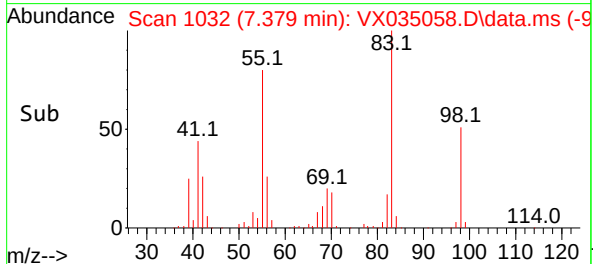
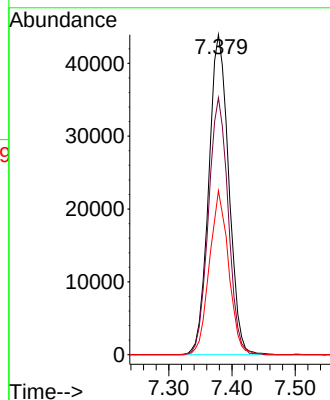
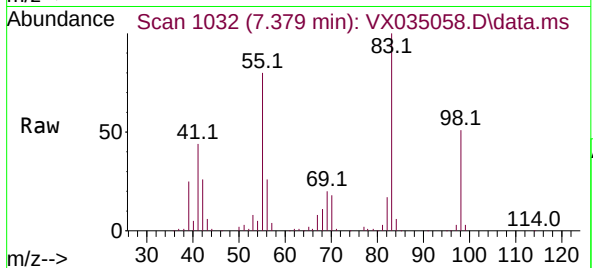
Tgt Ion: 83	Resp: 96800
Ion Ratio	Lower Upper
83	100
55	80.3 60.5 90.7
98	51.2 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#40

Benzene

Concen: 18.719 ug/l

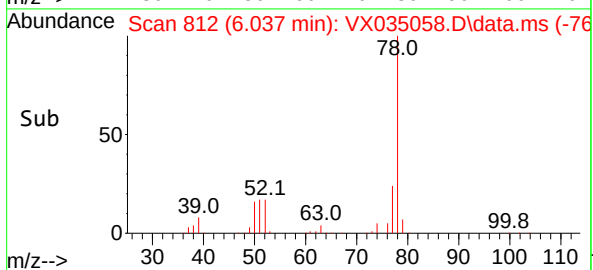
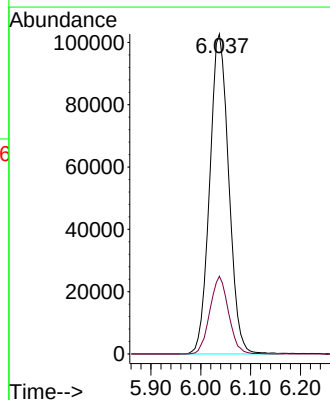
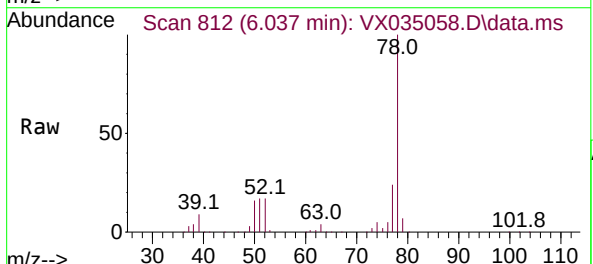
RT: 6.037 min Scan# 812

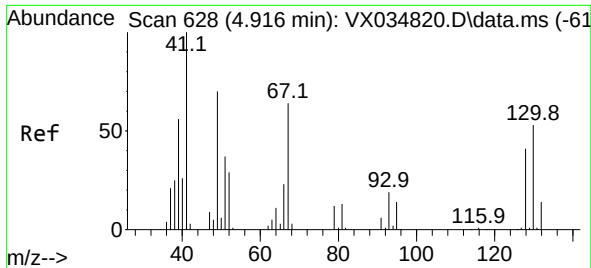
Delta R.T. -0.000 min

Lab File: VX035058.D

Acq: 13 Apr 2023 12:42

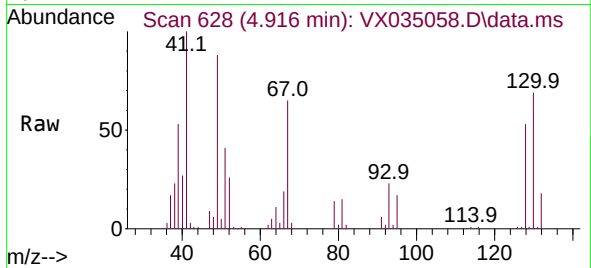
Tgt Ion: 78	Resp: 272725
Ion Ratio	Lower Upper
78	100
77	24.3 19.0 28.4





#41
Methacrylonitrile
Concen: 20.395 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

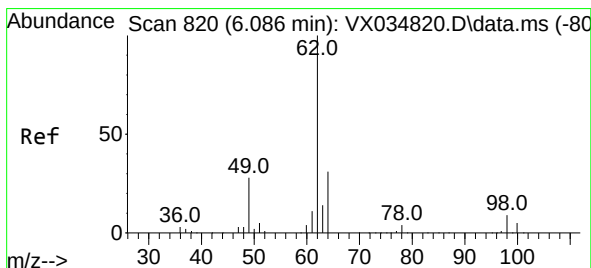
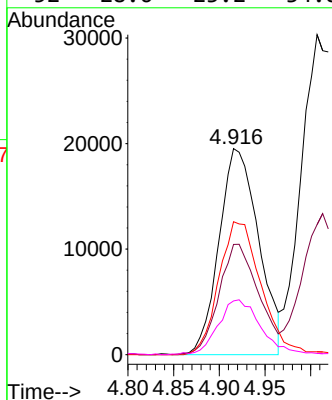
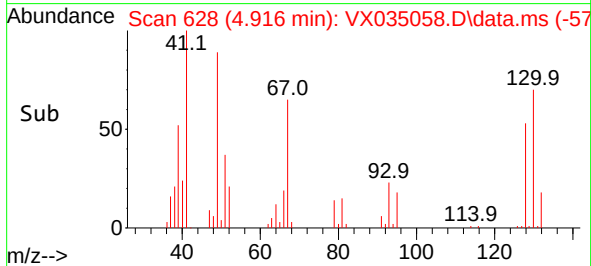
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01



Tgt Ion: 41 Resp: 58862
Ion Ratio Lower Upper
41 100
39 53.4 45.0 67.6
67 68.8 55.6 83.4
52 28.6 23.2 34.8

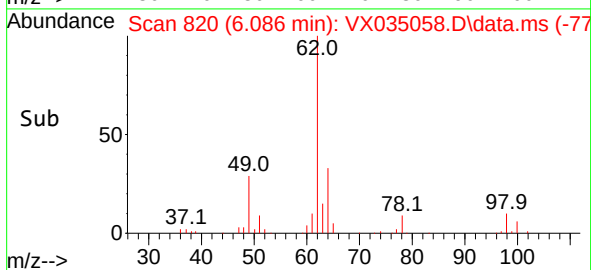
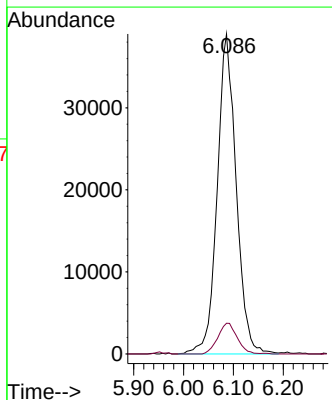
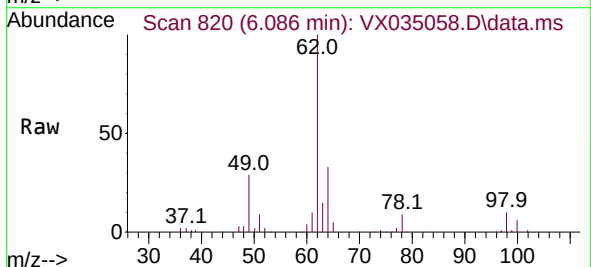
Manual Integrations
APPROVED

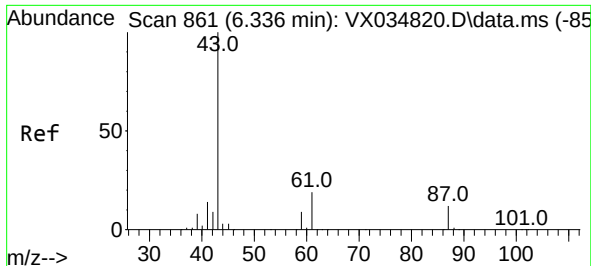
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#42
1,2-Dichloroethane
Concen: 17.791 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

Tgt Ion: 62 Resp: 103055
Ion Ratio Lower Upper
62 100
98 9.8 0.0 18.0





#43

Isopropyl Acetate

Concen: 18.805 ug/l

RT: 6.336 min Scan# 80

Delta R.T. -0.000 min

Lab File: VX035058.D

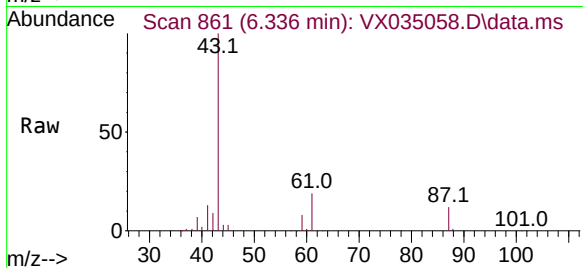
Acq: 13 Apr 2023 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBS01



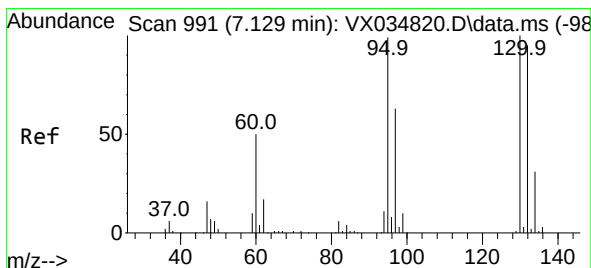
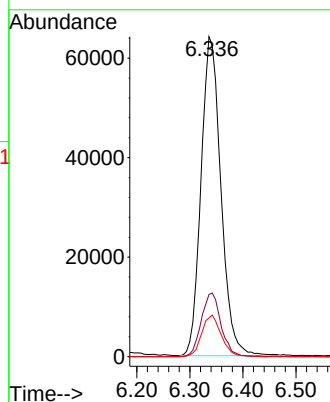
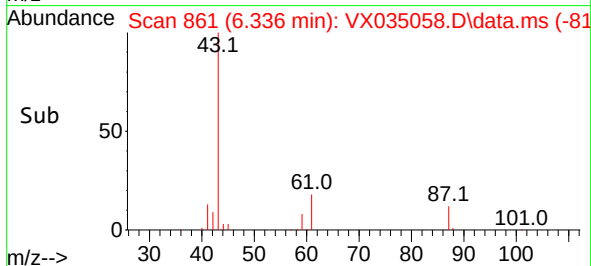
Tgt Ion: 43	Resp: 16696
Ion Ratio	Lower Upper
43	100
61	19.8 15.2 22.8
87	12.8 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#44

Trichloroethene

Concen: 19.158 ug/l

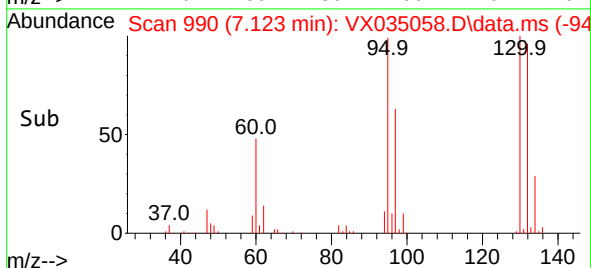
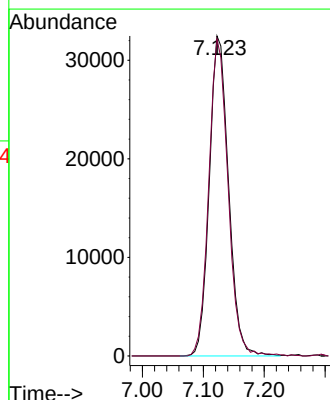
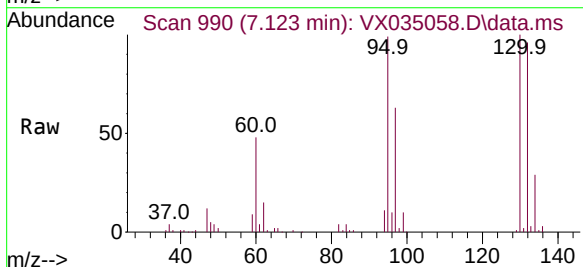
RT: 7.123 min Scan# 990

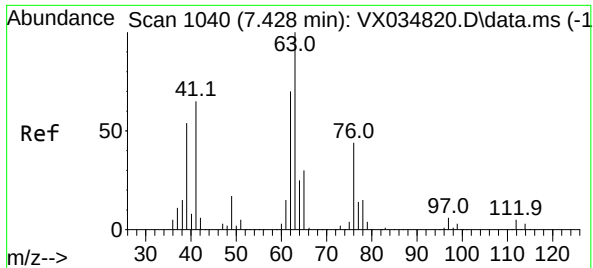
Delta R.T. -0.006 min

Lab File: VX035058.D

Acq: 13 Apr 2023 12:42

Tgt Ion:130	Resp: 71250
Ion Ratio	Lower Upper
130	100
95	99.0 0.0 198.4





#45

1,2-Dichloropropane

Concen: 18.784 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX035058.D

Acq: 13 Apr 2023 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBS01

Tgt Ion: 63 Resp: 7131

Ion Ratio Lower Upper

63 100

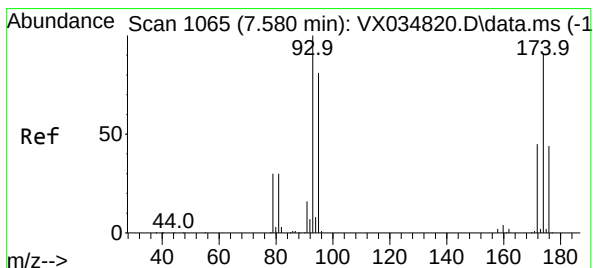
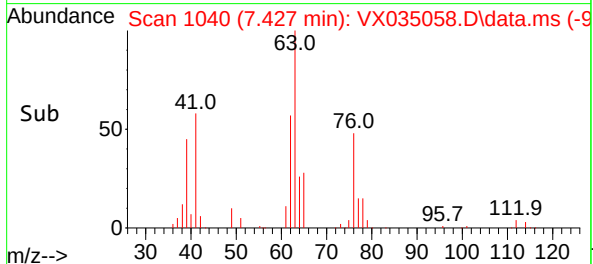
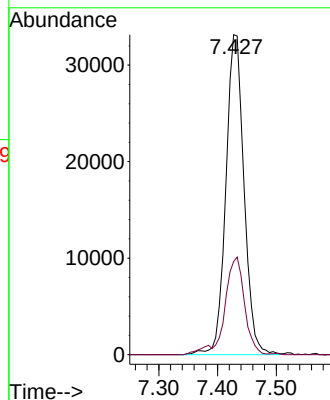
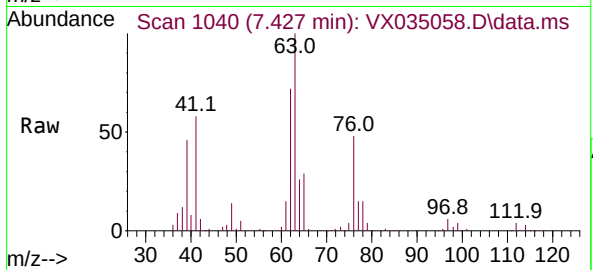
65 29.1 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carbone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#46

Dibromomethane

Concen: 18.273 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035058.D

Acq: 13 Apr 2023 12:42

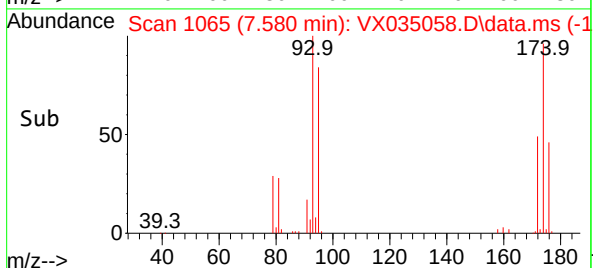
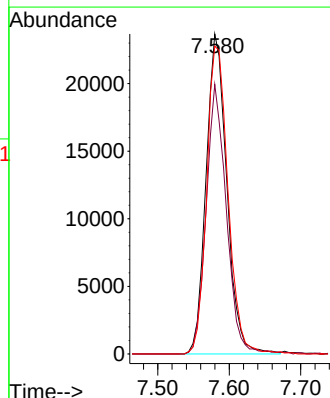
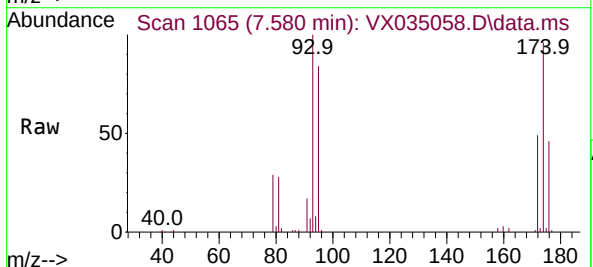
Tgt Ion: 93 Resp: 47735

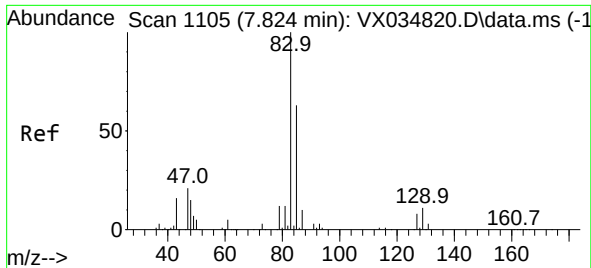
Ion Ratio Lower Upper

93 100

95 82.0 66.9 100.3

174 99.3 75.4 113.0





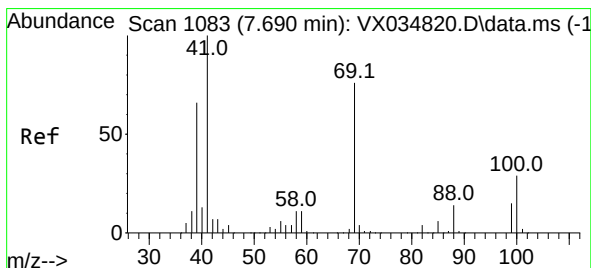
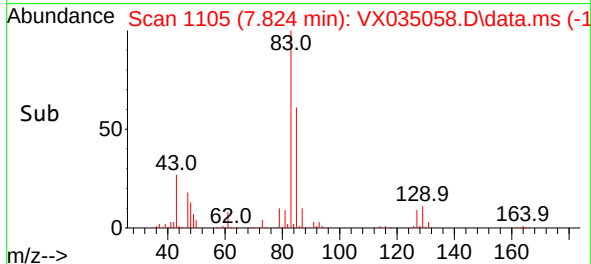
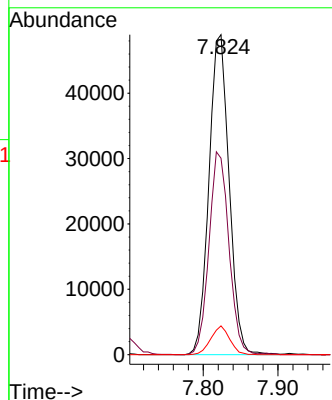
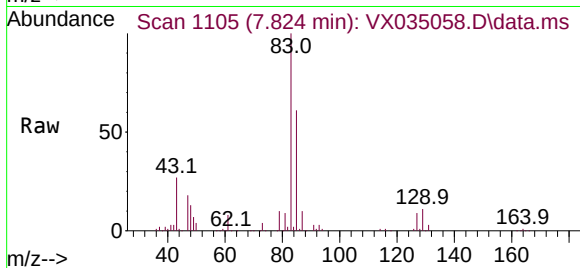
#47
Bromodichloromethane
Concen: 19.050 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01

Tgt Ion: 83 Resp: 9192
Ion Ratio Lower Upper
83 100
85 61.4 52.2 78.4
127 9.0 6.6 9.8

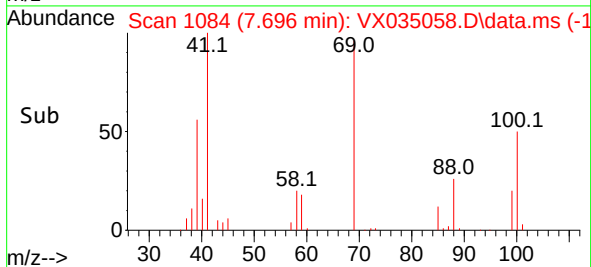
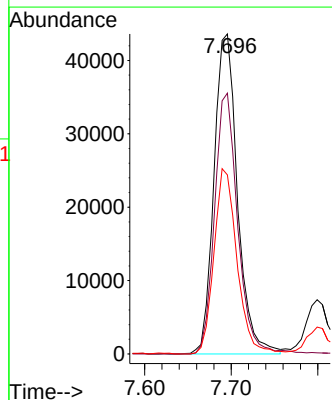
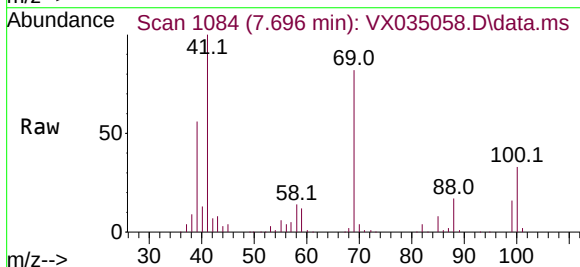
Manual Integrations
APPROVED

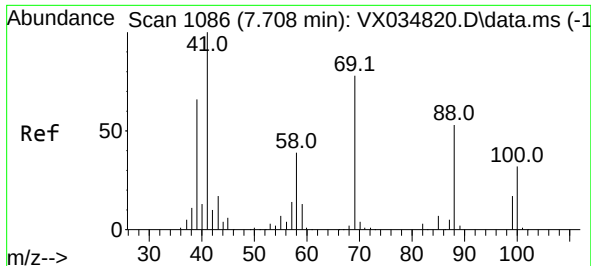
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#48
Methyl methacrylate
Concen: 18.864 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

Tgt Ion: 41 Resp: 82254
Ion Ratio Lower Upper
41 100
69 80.6 62.2 93.4
39 56.7 47.7 71.5





#49

1,4-Dioxane

Concen: 412.425 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. -0.000 min

Lab File: VX035058.D

Acq: 13 Apr 2023 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBS01

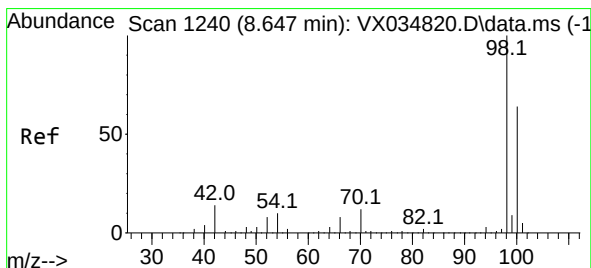
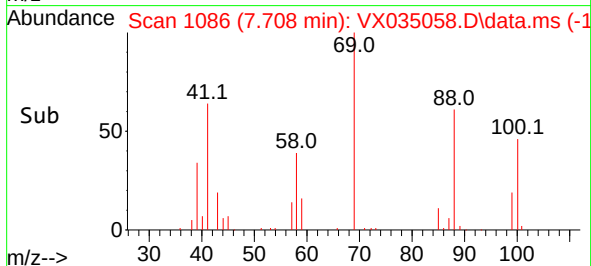
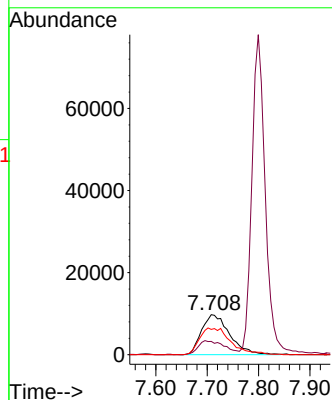
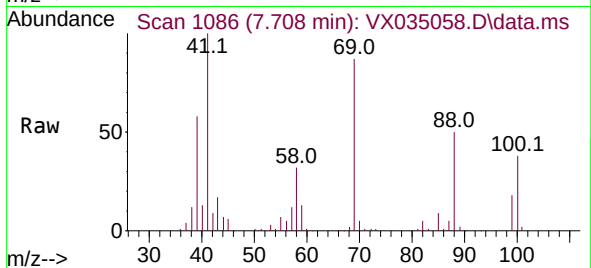
Tgt Ion: 88 Resp: 37060
 Ion Ratio Lower Upper
 88 100
 43 33.3 27.7 41.5
 58 73.7 56.8 85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#50

Toluene-d8

Concen: 51.147 ug/l

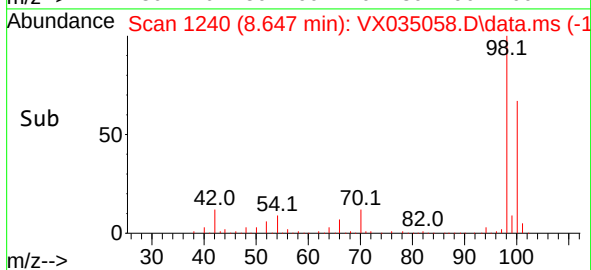
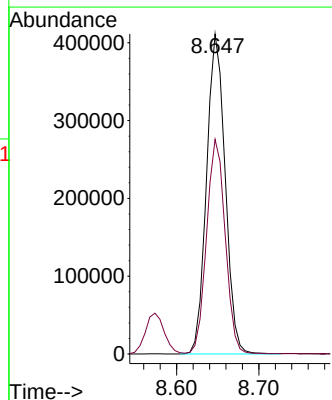
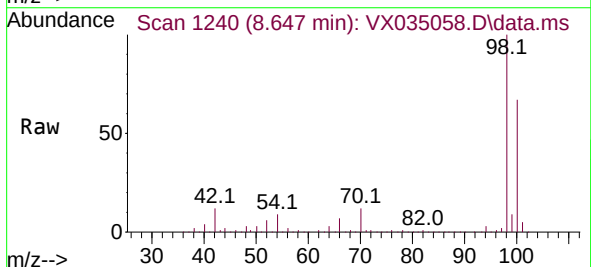
RT: 8.647 min Scan# 1240

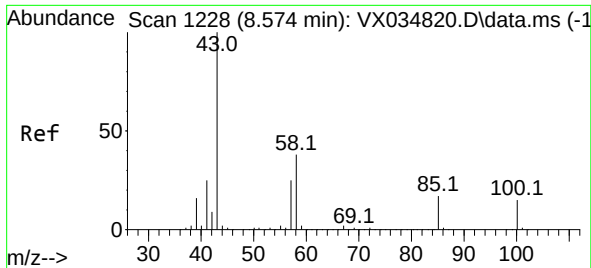
Delta R.T. -0.000 min

Lab File: VX035058.D

Acq: 13 Apr 2023 12:42

Tgt Ion: 98 Resp: 646747
 Ion Ratio Lower Upper
 98 100
 100 66.9 52.5 78.7





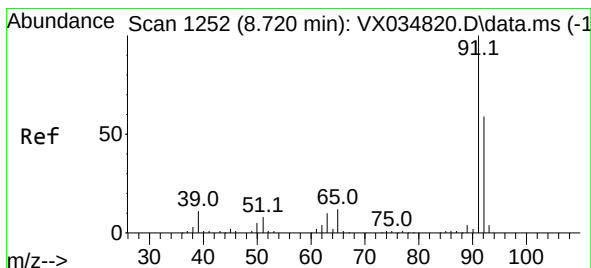
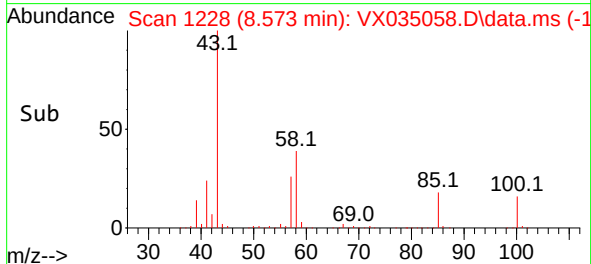
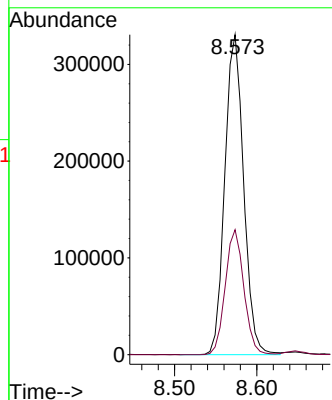
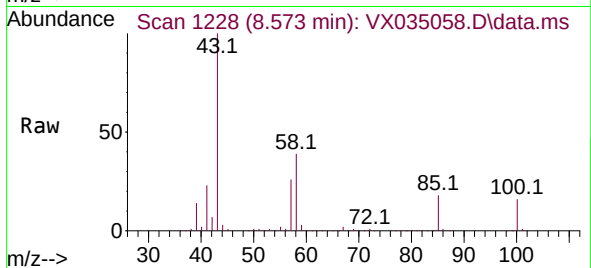
#51
4-Methyl-2-Pentanone
Concen: 100.149 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01

Tgt Ion: 43 Resp: 52626
Ion Ratio Lower Upper
43 100
58 38.7 30.6 46.0

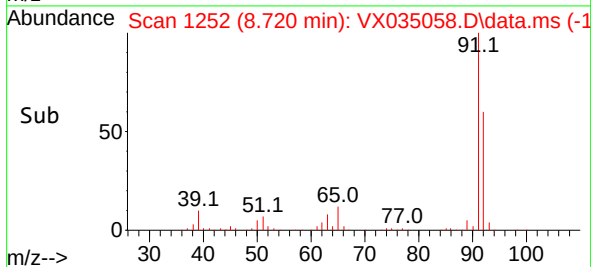
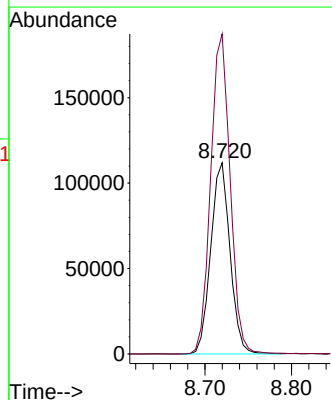
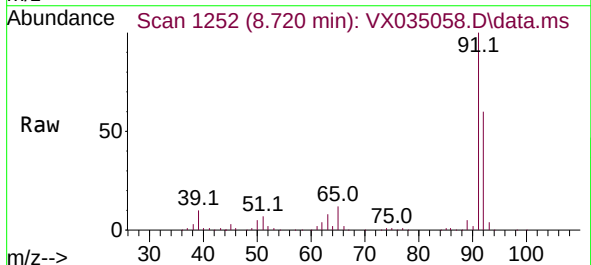
Manual Integrations
APPROVED

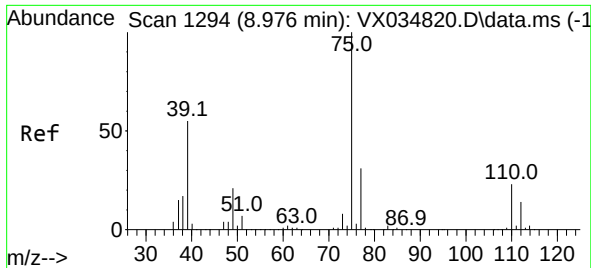
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#52
Toluene
Concen: 18.224 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

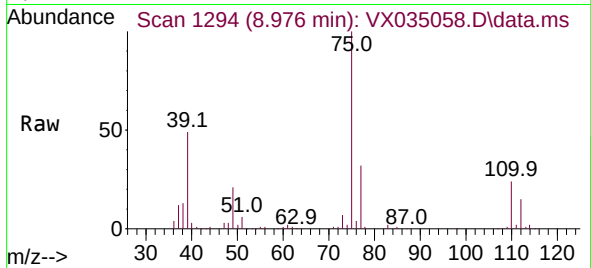
Tgt Ion: 92 Resp: 173119
Ion Ratio Lower Upper
92 100
91 169.1 136.8 205.2





#53
t-1,3-Dichloropropene
Concen: 18.255 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

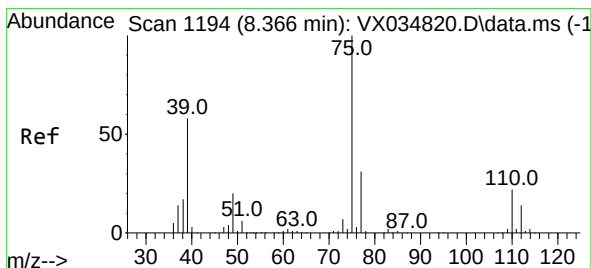
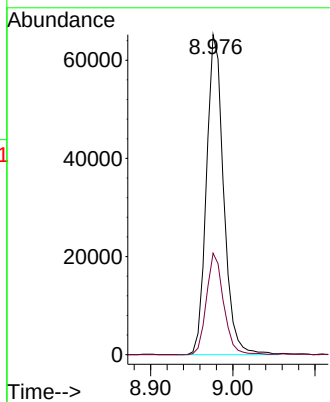
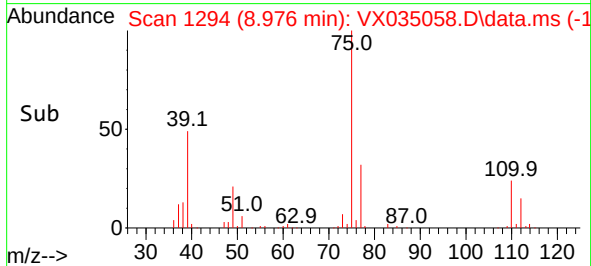
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01



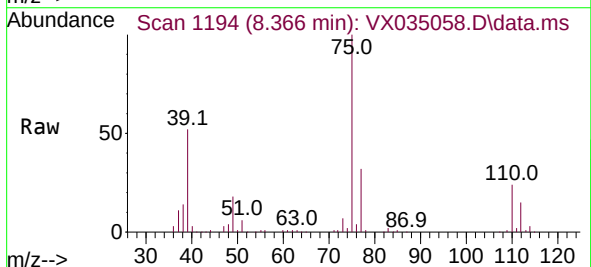
Tgt Ion: 75 Resp: 94758
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2

Manual Integrations
APPROVED

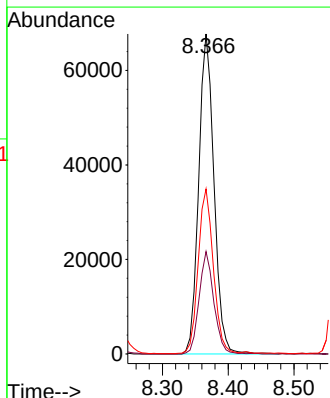
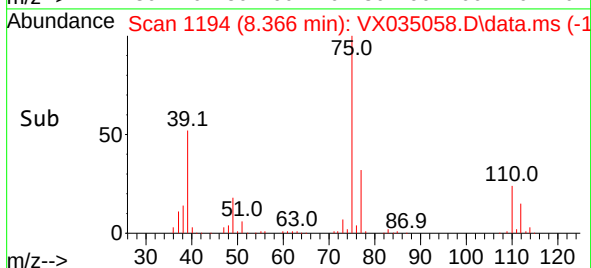
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

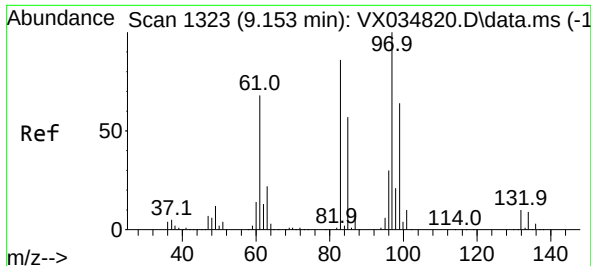


#54
cis-1,3-Dichloropropene
Concen: 19.276 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42



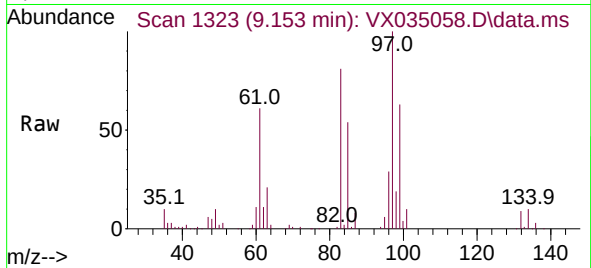
Tgt Ion: 75 Resp: 109501
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.4
39 51.4 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 19.793 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

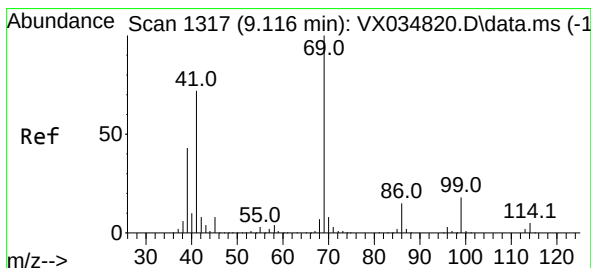
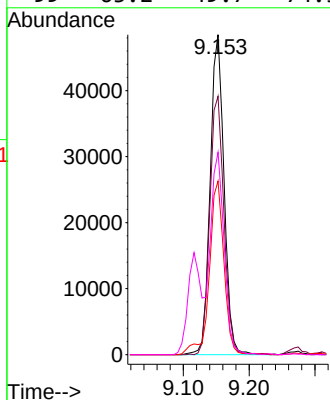
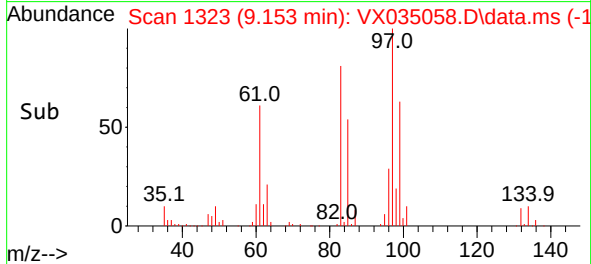
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01



Tgt Ion: 97 Resp: 71163
Ion Ratio Lower Upper
97 100
83 80.7 69.7 104.5
85 54.2 43.7 65.5
99 63.2 49.7 74.5

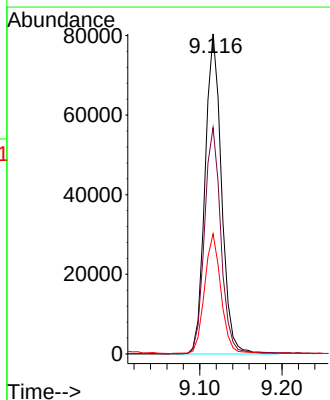
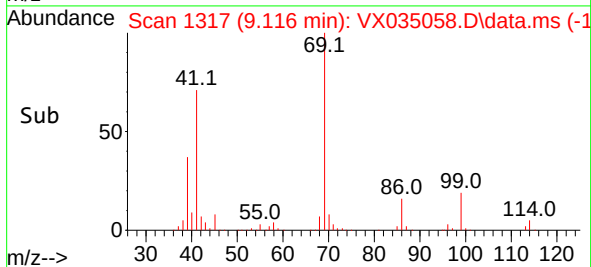
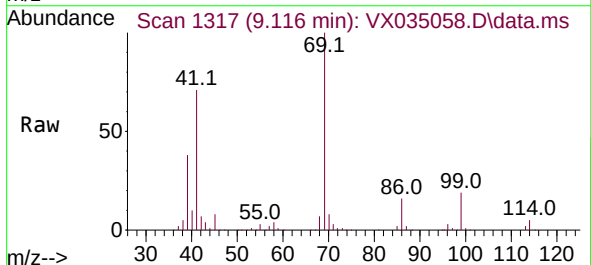
Manual Integrations
APPROVED

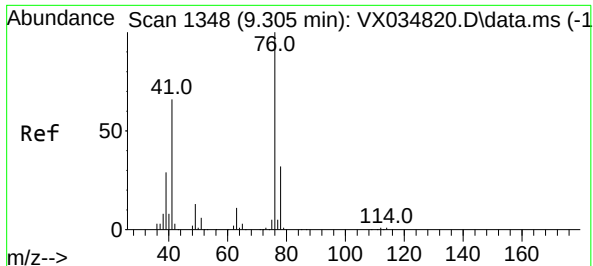
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#56
Ethyl methacrylate
Concen: 19.857 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

Tgt Ion: 69 Resp: 111860
Ion Ratio Lower Upper
69 100
41 71.3 57.4 86.0
39 37.2 33.7 50.5





#57

1,3-Dichloropropane

Concen: 19.232 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. -0.000 min

Lab File: VX035058.D

Acq: 13 Apr 2023 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBS01

Tgt Ion: 76 Resp: 122450

Ion Ratio Lower Upper

76 100

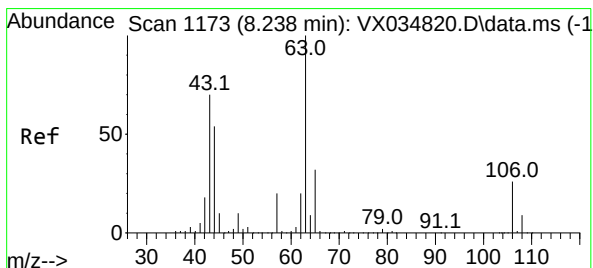
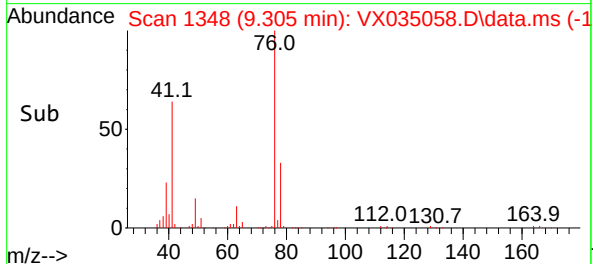
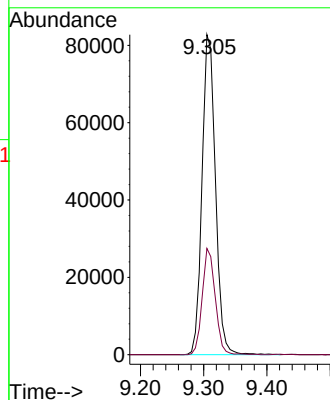
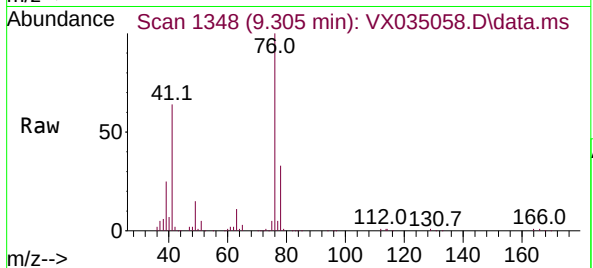
78 32.2 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 96.044 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX035058.D

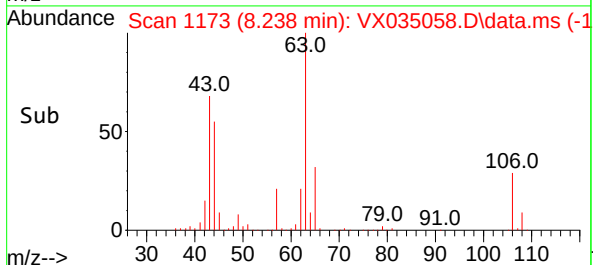
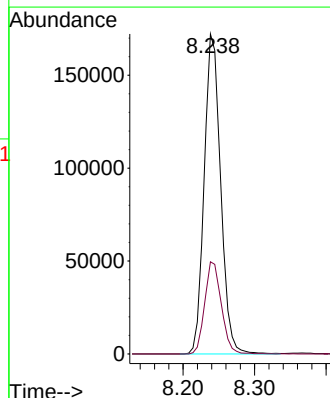
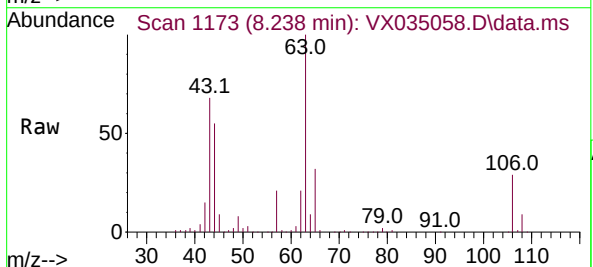
Acq: 13 Apr 2023 12:42

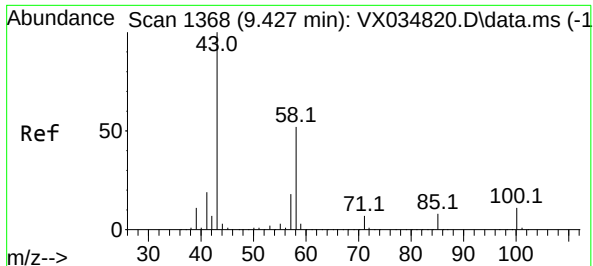
Tgt Ion: 63 Resp: 275485

Ion Ratio Lower Upper

63 100

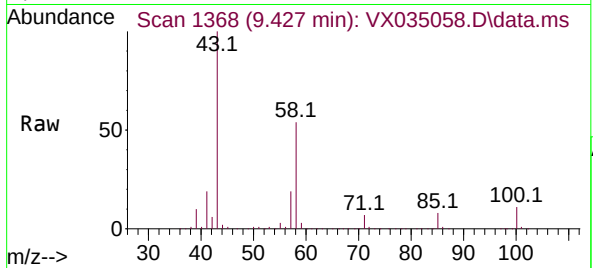
106 29.1 22.2 33.2





#59
2-Hexanone
Concen: 102.942 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

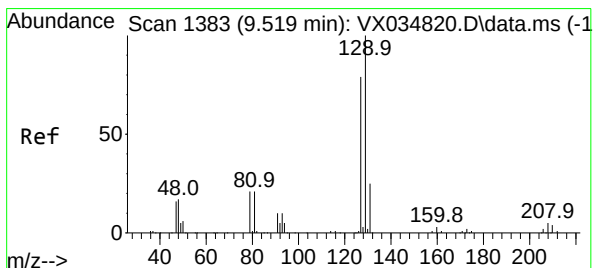
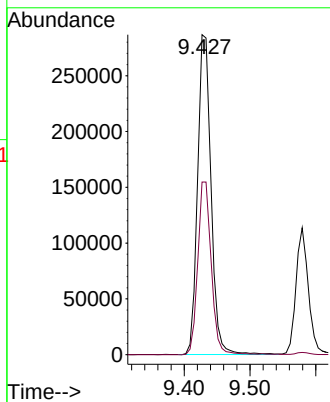
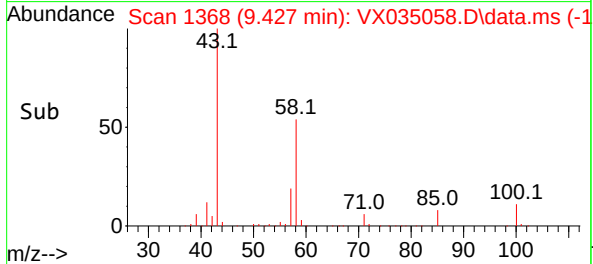
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01



Tgt Ion: 43 Resp: 409140
Ion Ratio Lower Upper
43 100
58 54.0 26.3 78.9

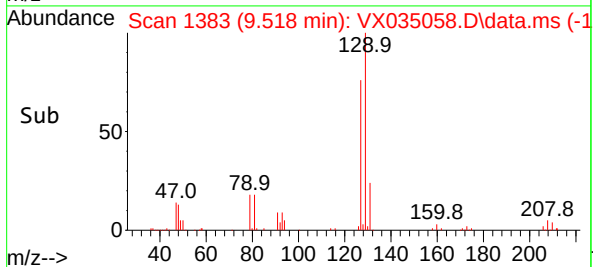
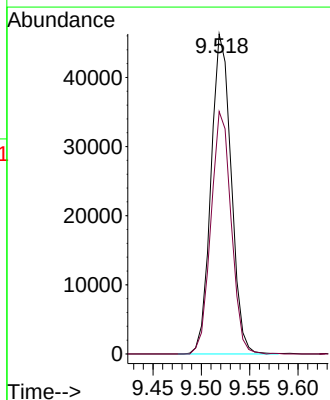
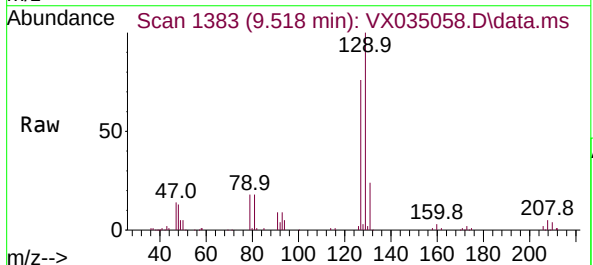
Manual Integrations
APPROVED

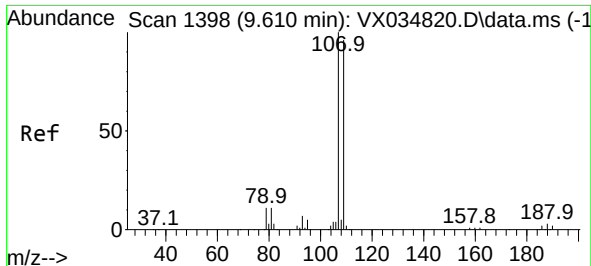
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#60
Dibromochloromethane
Concen: 19.581 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

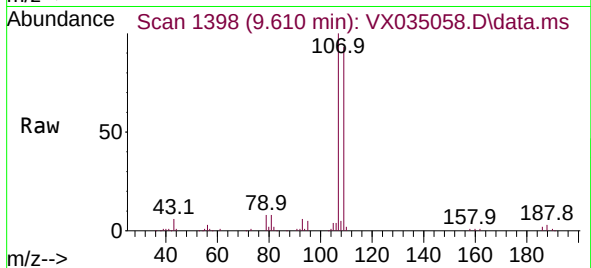
Tgt Ion:129 Resp: 67064
Ion Ratio Lower Upper
129 100
127 75.8 39.0 117.0





#61
1,2-Dibromoethane
Concen: 19.389 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

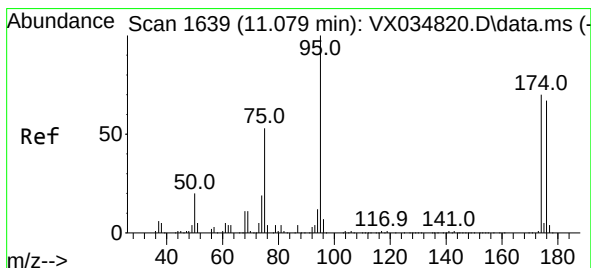
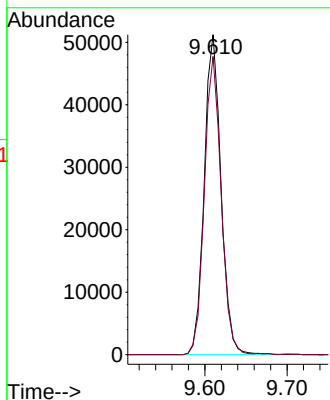
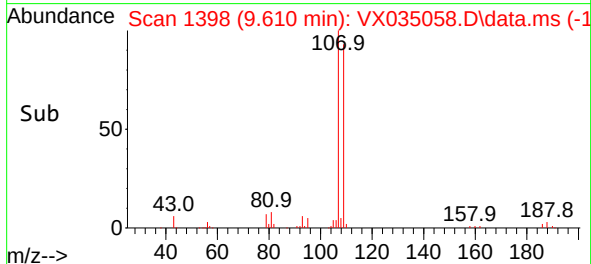
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01



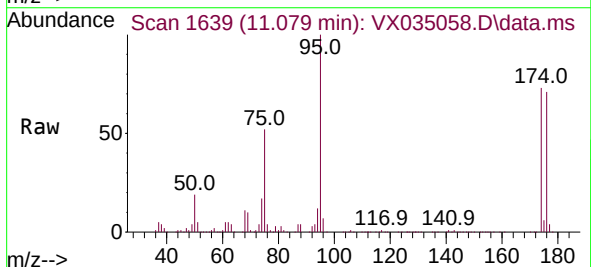
Tgt Ion:107 Resp: 7249
Ion Ratio Lower Upper
107 100
109 93.2 75.3 112.9

Manual Integrations
APPROVED

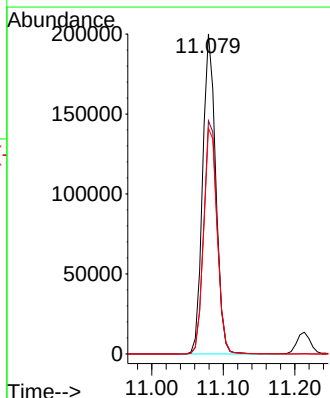
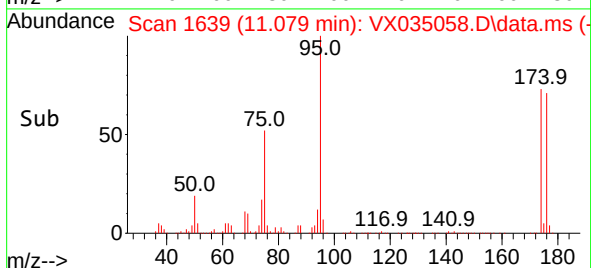
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

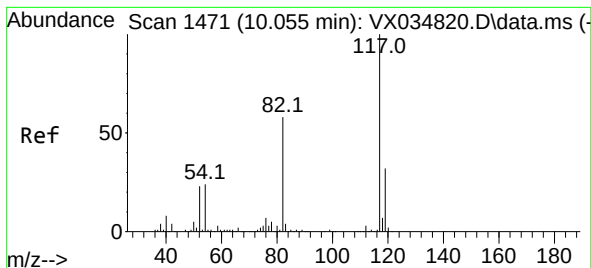


#62
4-Bromofluorobenzene
Concen: 52.030 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42



Tgt Ion: 95 Resp: 254597
Ion Ratio Lower Upper
95 100
174 74.9 0.0 147.4
176 72.7 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: VX035058.D

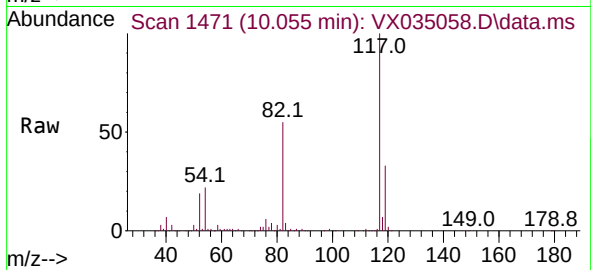
Acq: 13 Apr 2023 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBS01



Tgt Ion:117 Resp: 46769

Ion Ratio Lower Upper

117 100

82 55.5 45.0 67.4

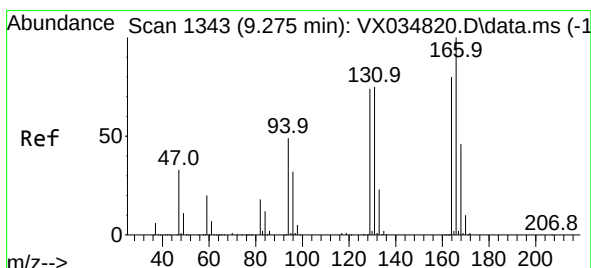
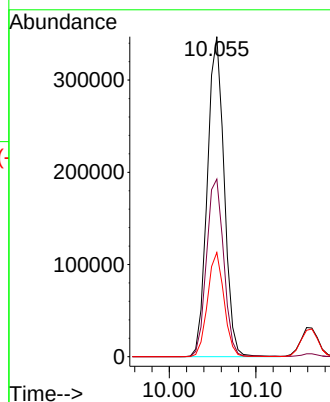
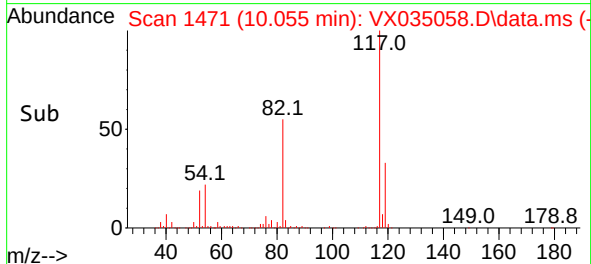
119 32.6 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#64

Tetrachloroethene

Concen: 18.641 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX035058.D

Acq: 13 Apr 2023 12:42

Tgt Ion:164 Resp: 62392

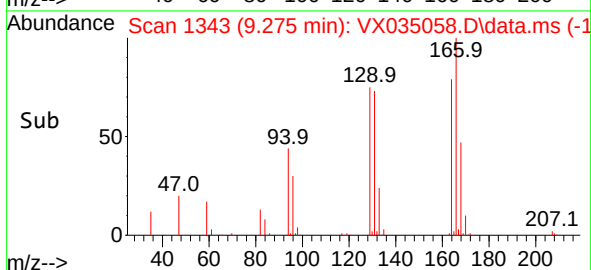
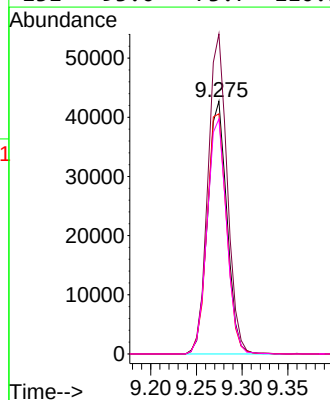
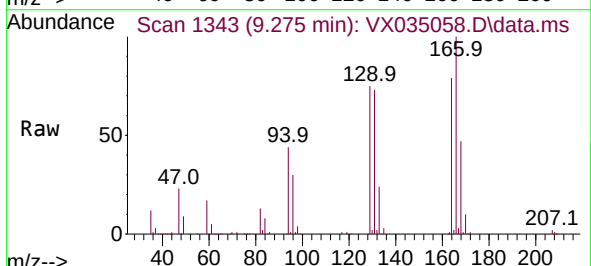
Ion Ratio Lower Upper

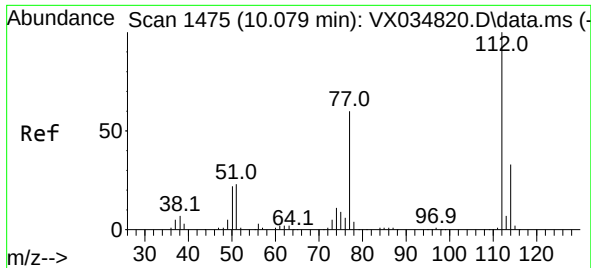
164 100

166 126.7 102.7 154.1

129 95.1 75.6 113.4

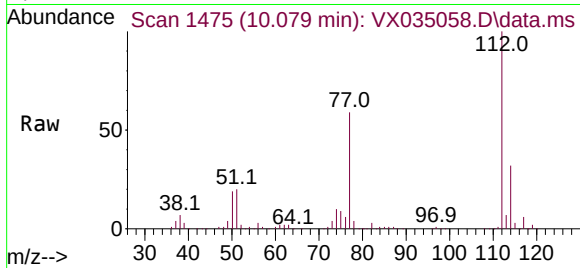
131 93.0 73.7 110.5





#65
Chlorobenzene
Concen: 19.100 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

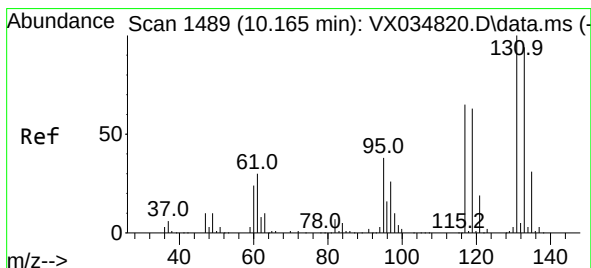
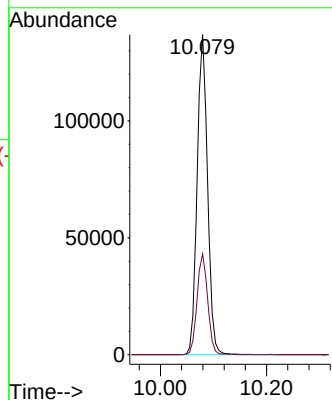
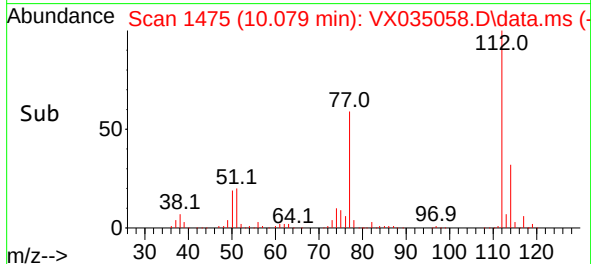
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01



Tgt Ion:112 Resp: 185858
Ion Ratio Lower Upper
112 100
114 31.6 26.2 39.2

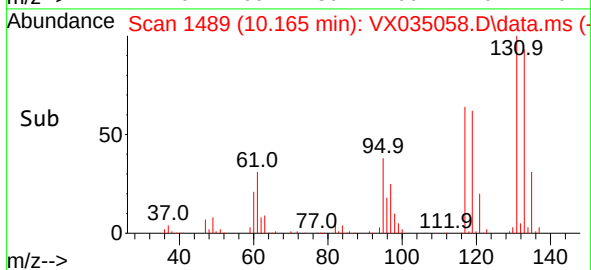
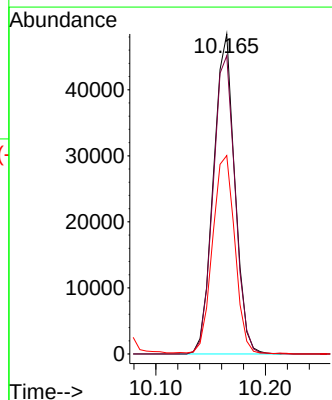
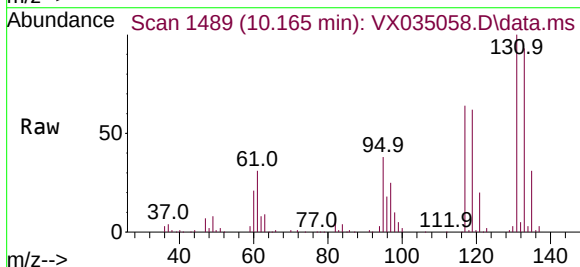
Manual Integrations
APPROVED

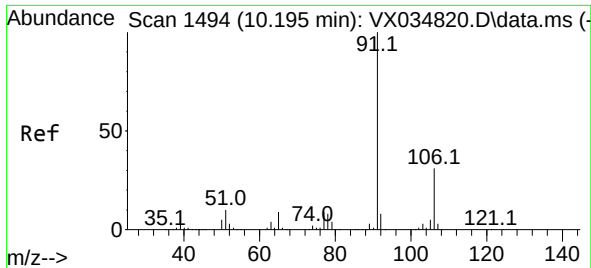
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.575 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

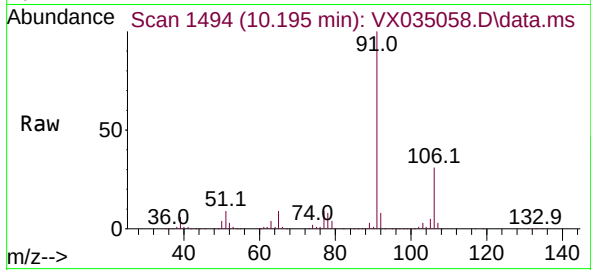
Tgt Ion:131 Resp: 65500
Ion Ratio Lower Upper
131 100
133 96.3 47.1 141.4
119 65.2 32.6 98.0





#67
Ethyl Benzene
Concen: 18.910 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

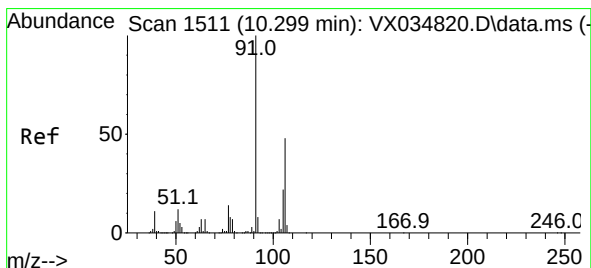
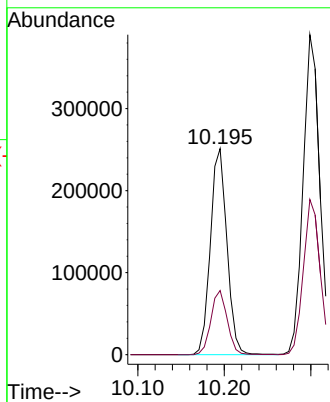
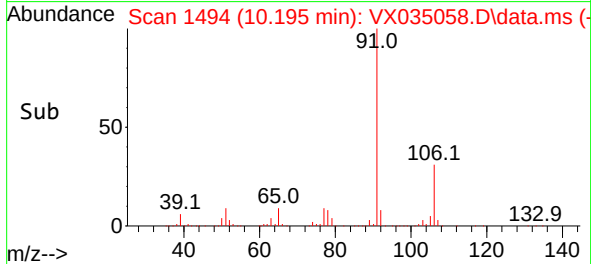
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01



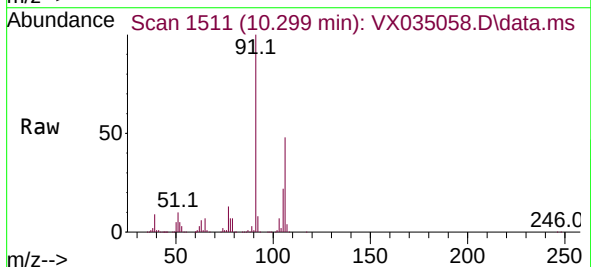
Tgt Ion: 91 Resp: 333350
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4

Manual Integrations
APPROVED

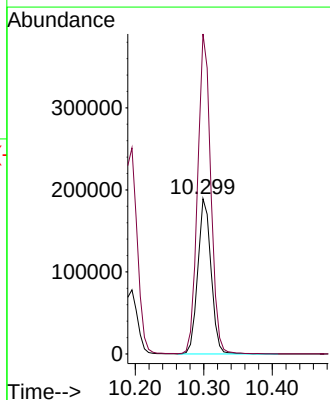
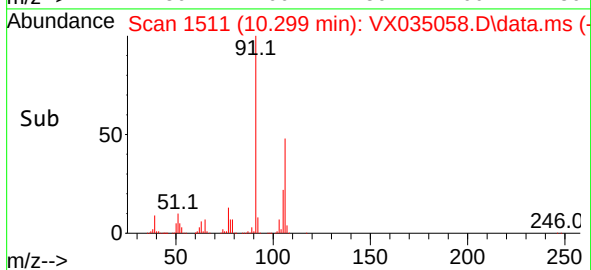
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

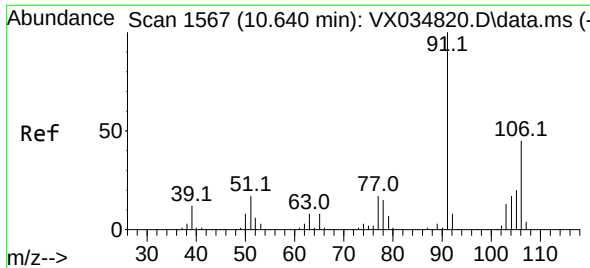


#68
m/p-Xylenes
Concen: 37.893 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42



Tgt Ion:106 Resp: 255166
Ion Ratio Lower Upper
106 100
91 204.8 164.0 246.0





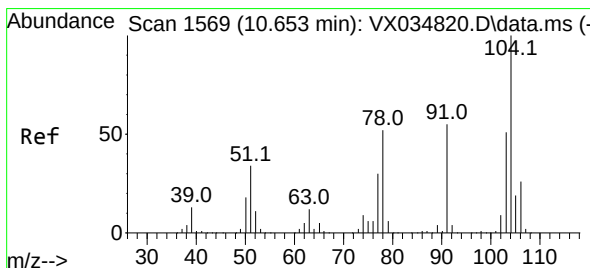
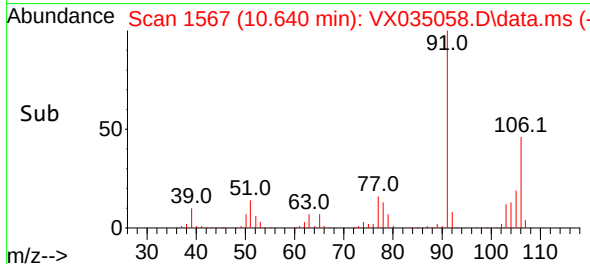
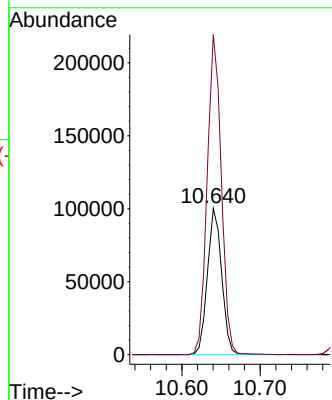
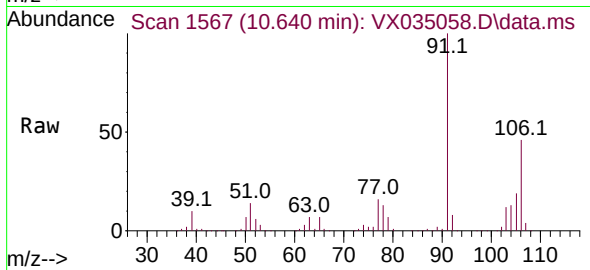
#69
o-Xylene
Concen: 19.169 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01

Tgt Ion:106 Resp: 126448
Ion Ratio Lower Upper
106 100
91 216.7 108.5 325.3

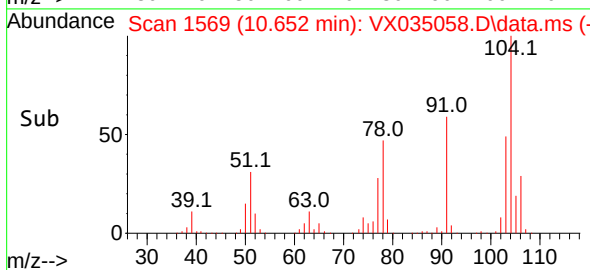
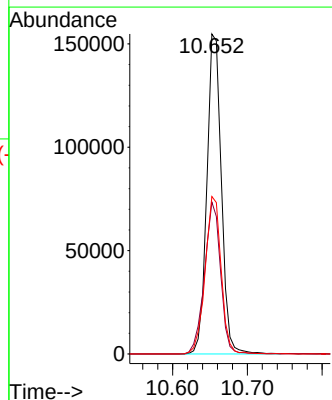
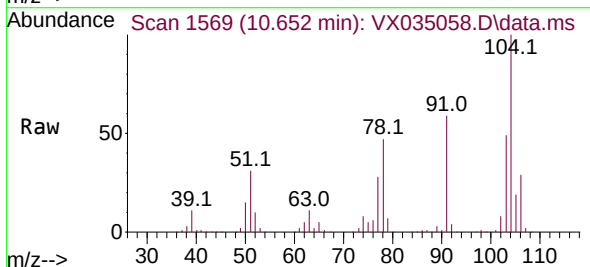
Manual Integrations
APPROVED

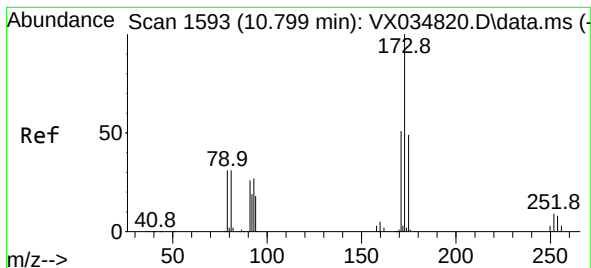
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#70
Styrene
Concen: 19.838 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.001 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

Tgt Ion:104 Resp: 208906
Ion Ratio Lower Upper
104 100
78 52.7 43.4 65.2
103 54.2 44.2 66.2





#71

Bromoform

Concen: 19.646 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX035058.D

Acq: 13 Apr 2023 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBS01

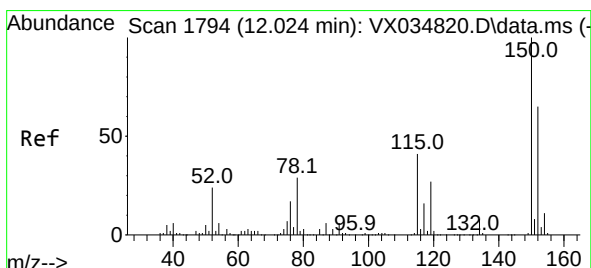
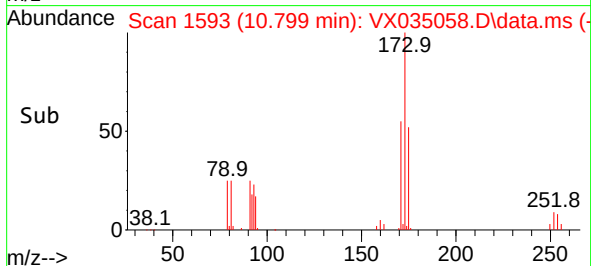
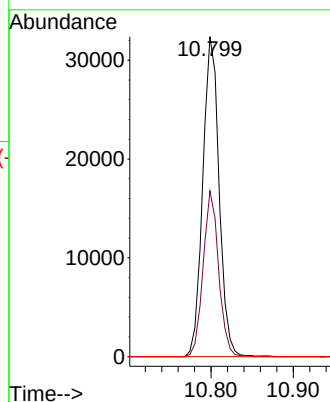
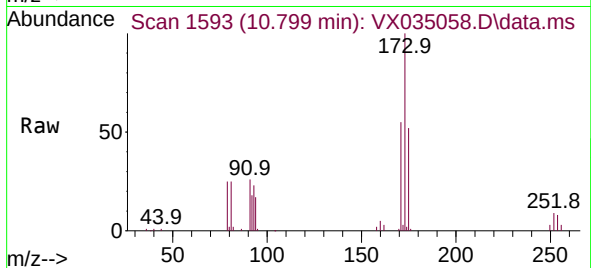
Tgt Ion:173 Resp: 44711
 Ion Ratio Lower Upper
 173 100
 175 49.2 24.1 72.4
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

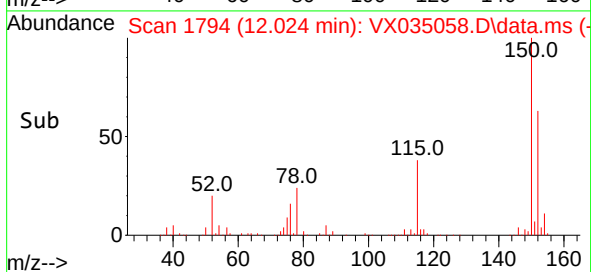
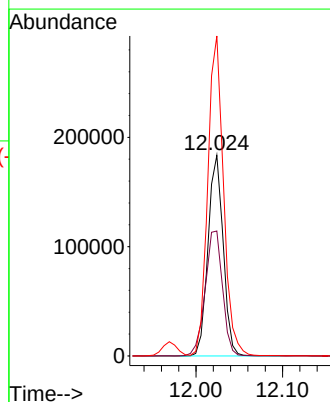
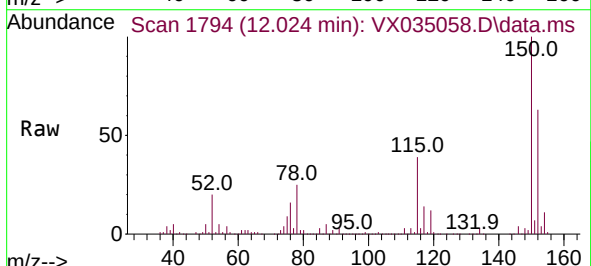
RT: 12.024 min Scan# 1794

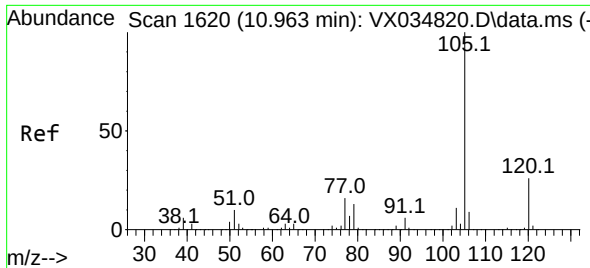
Delta R.T. 0.000 min

Lab File: VX035058.D

Acq: 13 Apr 2023 12:42

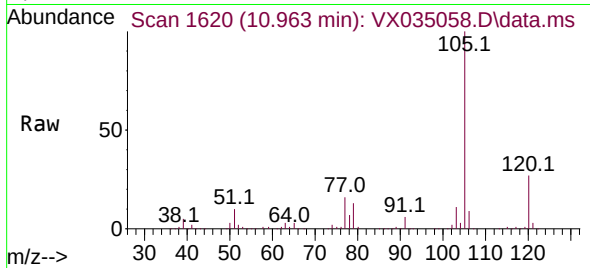
Tgt Ion:152 Resp: 223710
 Ion Ratio Lower Upper
 152 100
 115 71.0 45.0 135.0
 150 165.1 0.0 352.4





#73
Isopropylbenzene
Concen: 19.662 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

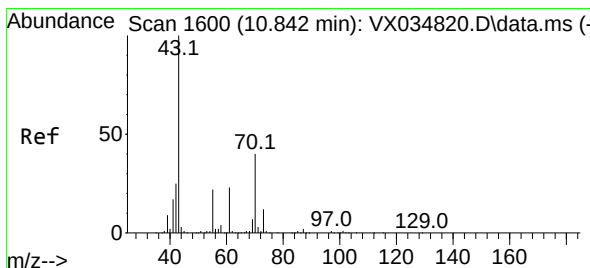
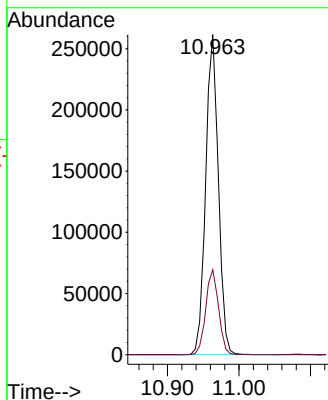
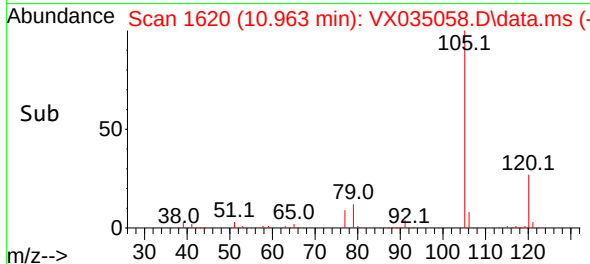
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01



Tgt Ion:105 Resp: 32220
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9

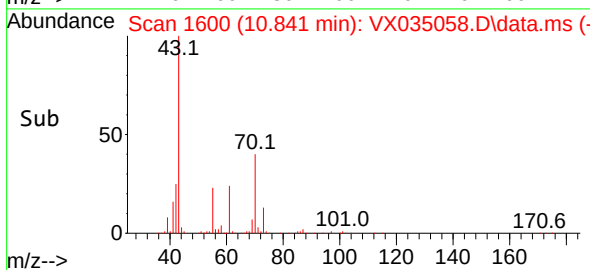
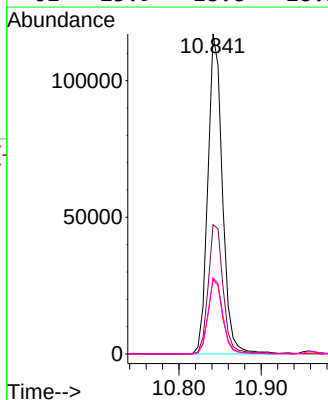
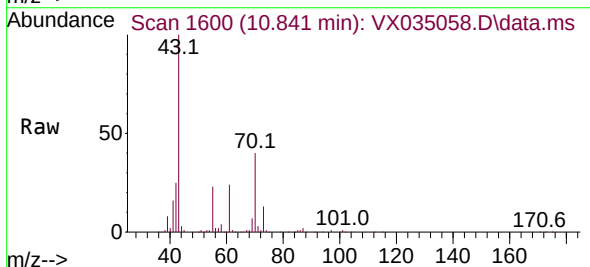
Manual Integrations
APPROVED

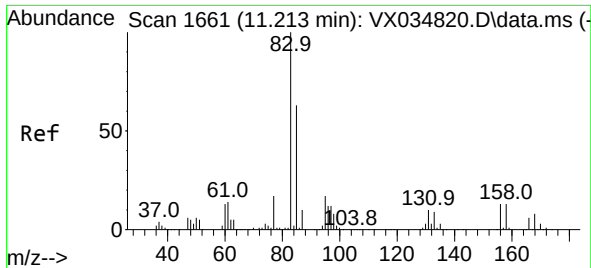
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#74
N-ethyl acetate
Concen: 19.574 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

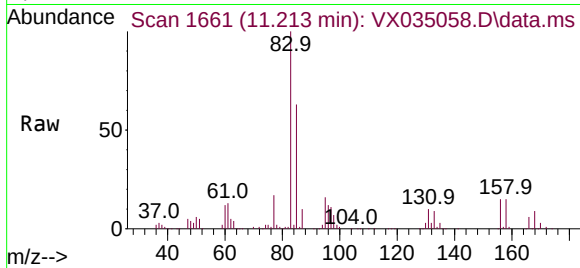
Tgt Ion: 43 Resp: 144219
Ion Ratio Lower Upper
43 100
70 41.7 32.1 48.1
55 23.7 18.3 27.5
61 23.9 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.103 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

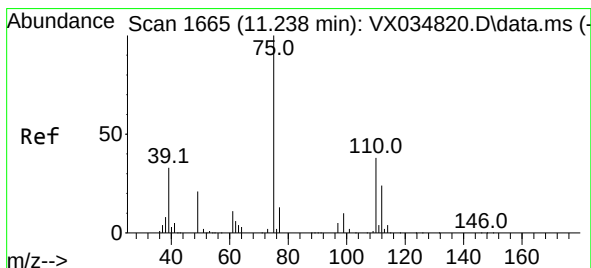
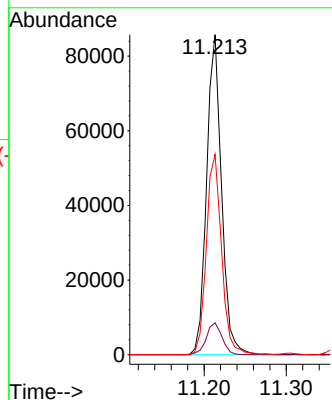
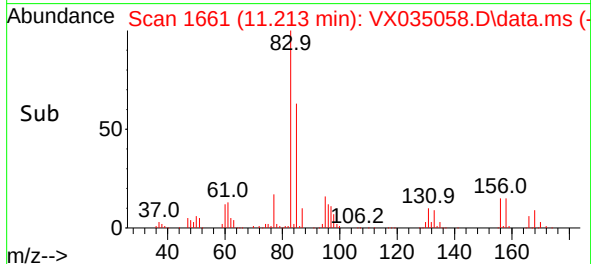
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01



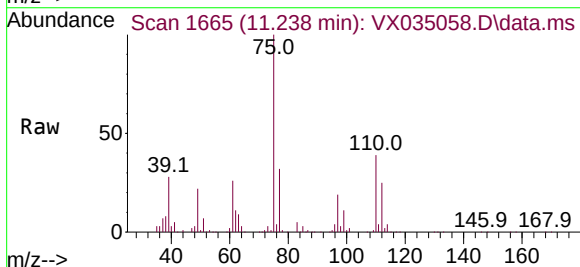
Tgt Ion: 83 Resp: 10796
Ion Ratio Lower Upper
83 100
131 10.5 4.8 14.3
85 64.0 32.0 96.0

Manual Integrations
APPROVED

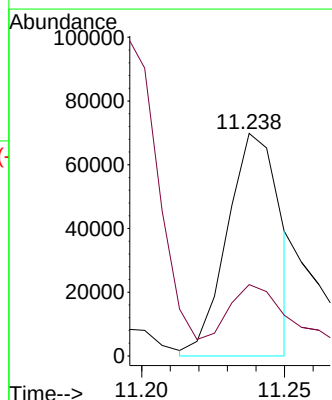
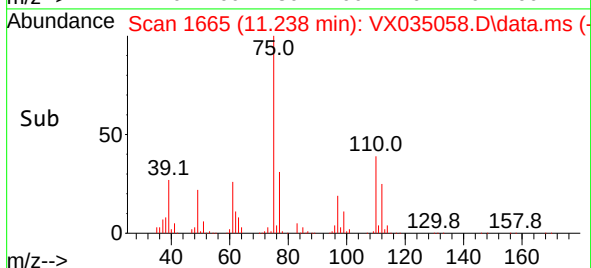
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

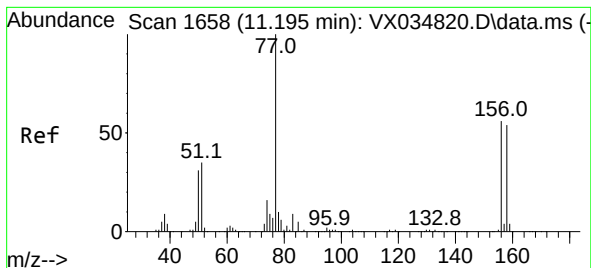


#76
1,2,3-Trichloropropane
Concen: 19.864 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42



Tgt Ion: 75 Resp: 89540
Ion Ratio Lower Upper
75 100
77 41.9 21.6 64.8





#77

Bromobenzene

Concen: 19.577 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX035058.D

Acq: 13 Apr 2023 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBS01

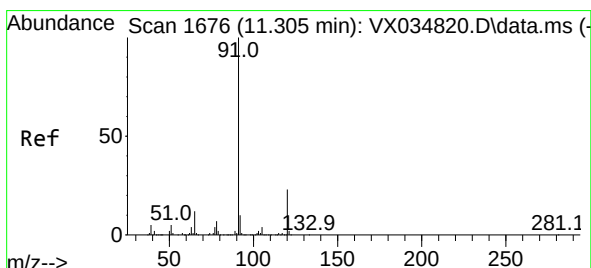
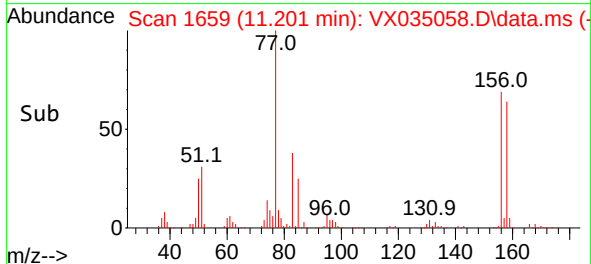
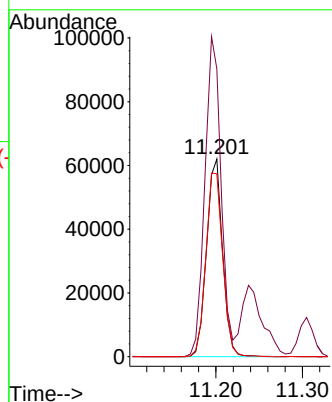
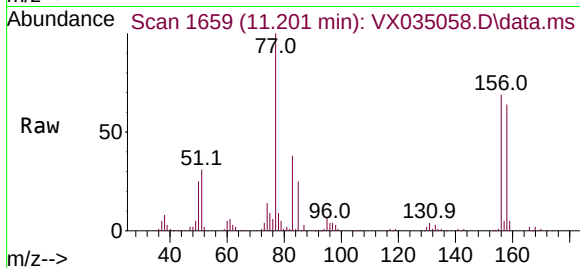
Tgt Ion:	156	Resp:	79489
Ion Ratio	Lower	Upper	
156	100		
77	163.8	86.7	259.9
158	97.9	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#78

n-propylbenzene

Concen: 19.216 ug/l

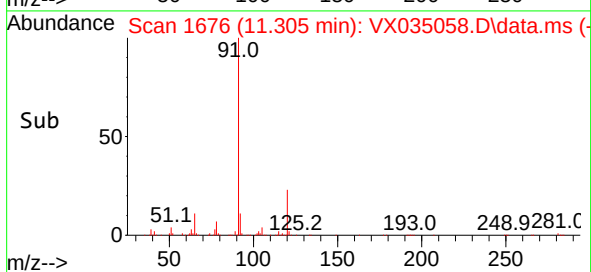
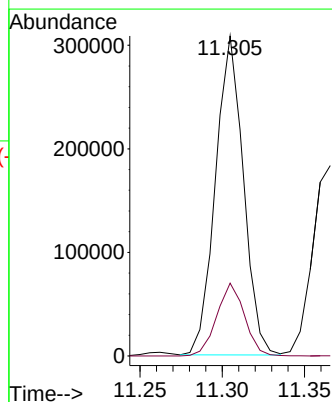
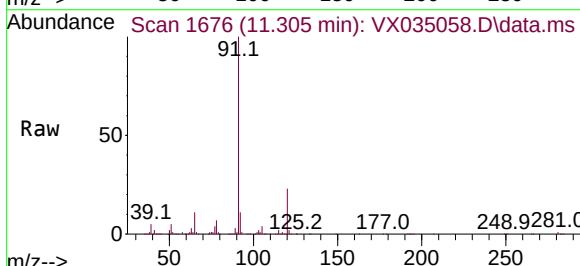
RT: 11.305 min Scan# 1676

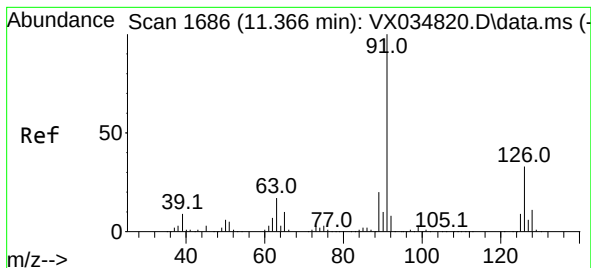
Delta R.T. -0.000 min

Lab File: VX035058.D

Acq: 13 Apr 2023 12:42

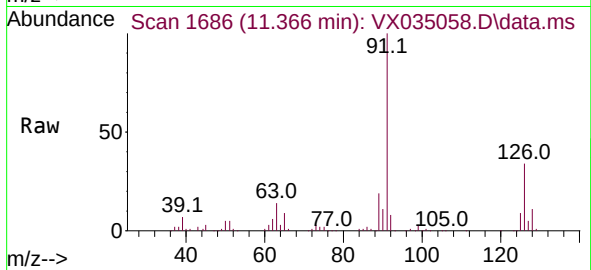
Tgt Ion:	91	Resp:	363762
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.5	34.5





#79
2-Chlorotoluene
Concen: 19.424 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

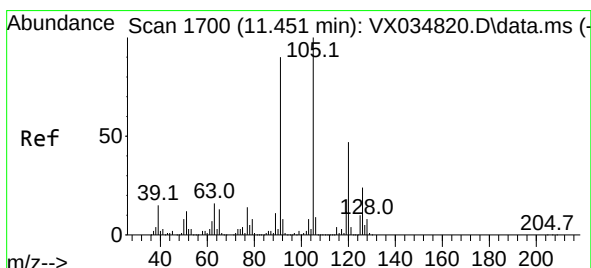
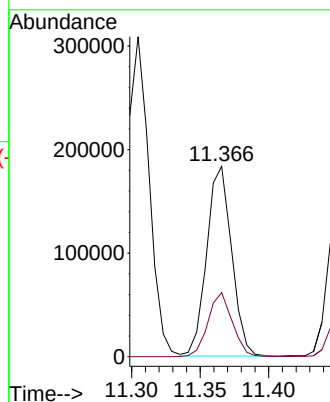
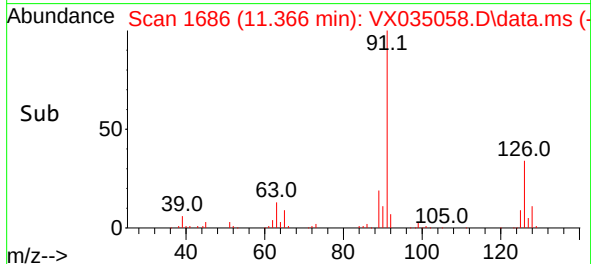
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01



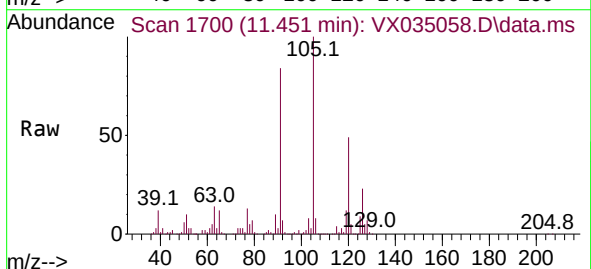
Tgt Ion: 91 Resp: 232159
Ion Ratio Lower Upper
91 100
126 33.0 16.3 48.9

Manual Integrations
APPROVED

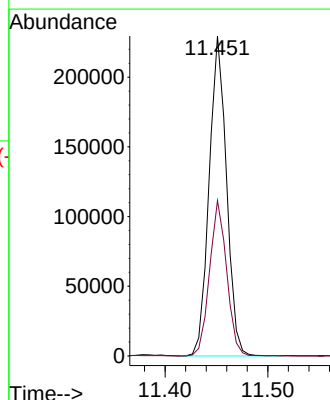
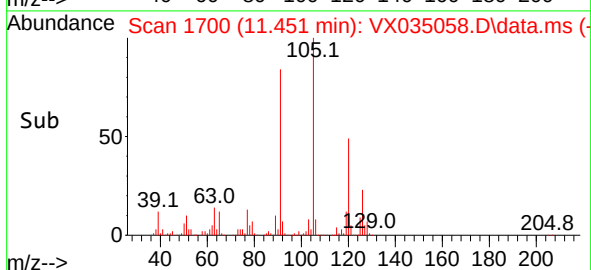
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

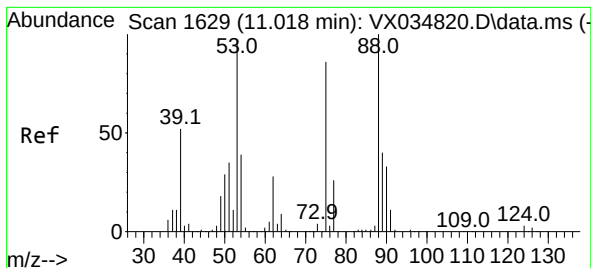


#80
1,3,5-Trimethylbenzene
Concen: 19.662 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42



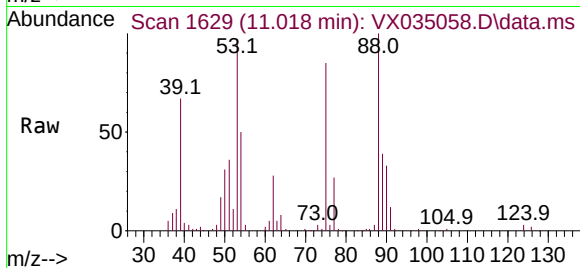
Tgt Ion:105 Resp: 269395
Ion Ratio Lower Upper
105 100
120 47.9 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 17.390 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

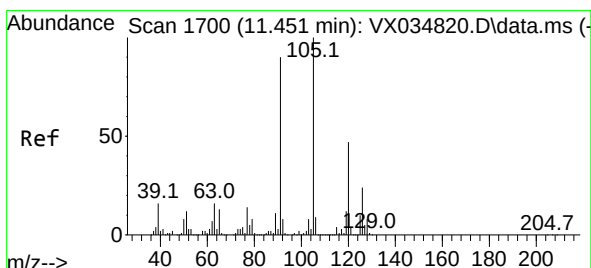
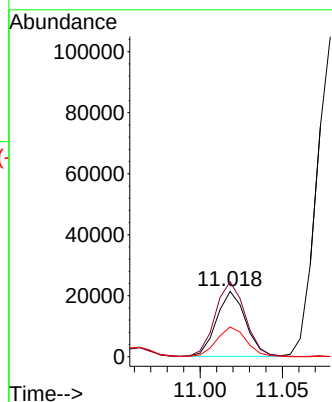
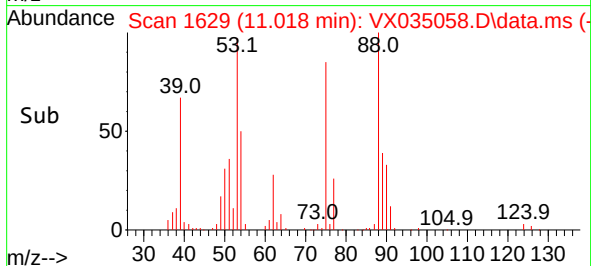
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01



Tgt Ion: 75 Resp: 26150
Ion Ratio Lower Upper
75 100
53 118.7 82.6 124.0
89 46.9 36.9 55.3

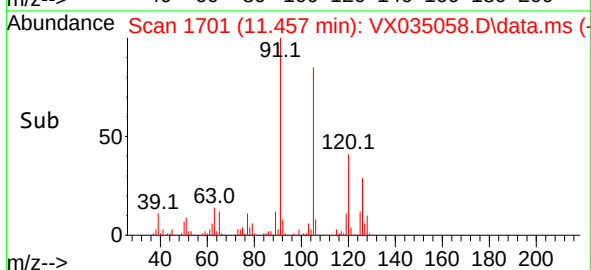
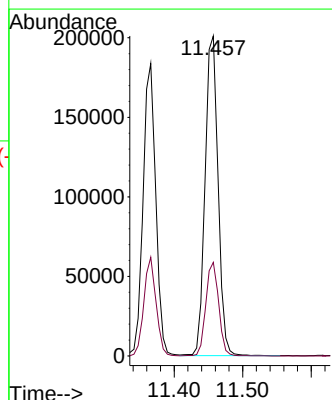
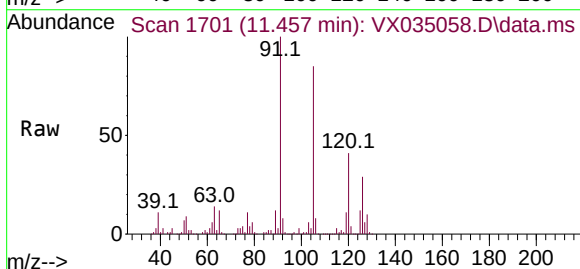
Manual Integrations
APPROVED

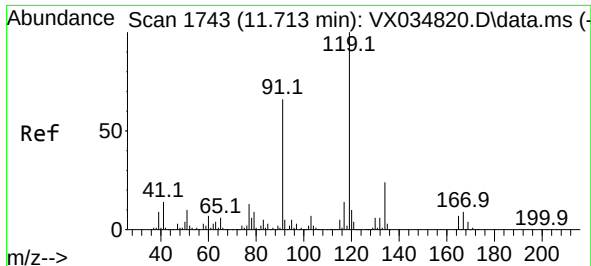
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#82
4-Chlorotoluene
Concen: 19.160 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

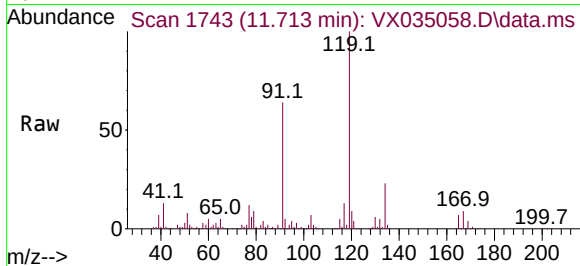
Tgt Ion: 91 Resp: 265931
Ion Ratio Lower Upper
91 100
126 28.9 14.2 42.6





#83
tert-Butylbenzene
Concen: 20.258 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

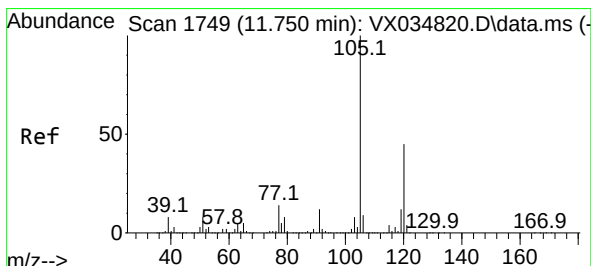
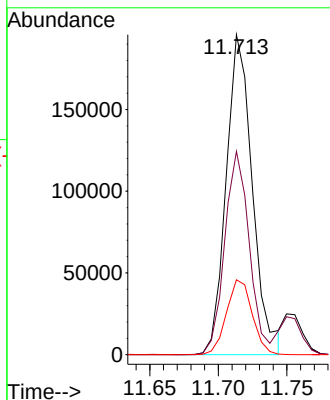
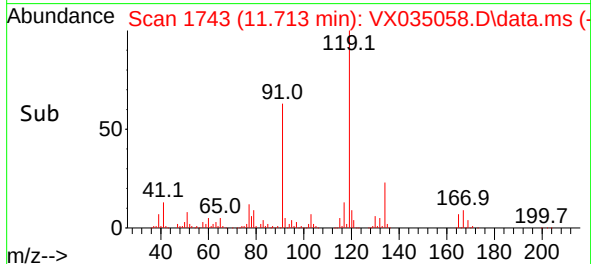
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01



Tgt Ion:119 Resp: 260635
Ion Ratio Lower Upper
119 100
91 59.6 30.6 92.0
134 23.0 11.8 35.4

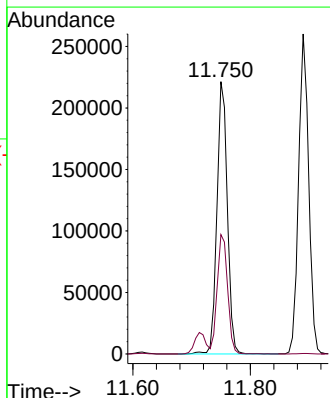
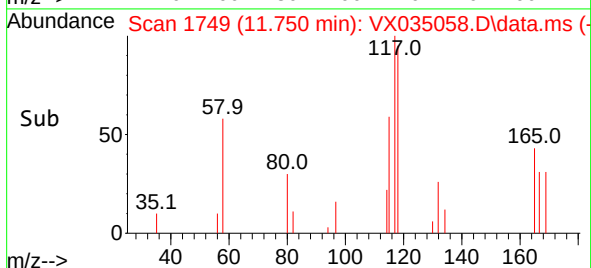
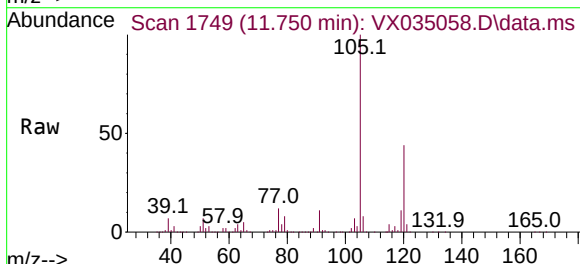
Manual Integrations
APPROVED

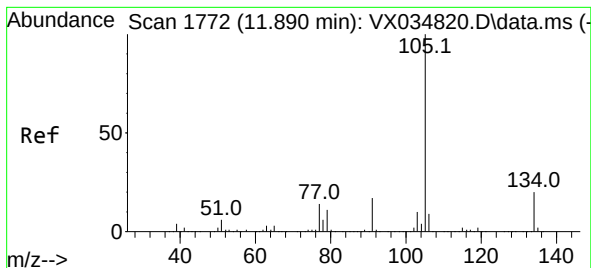
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.450 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

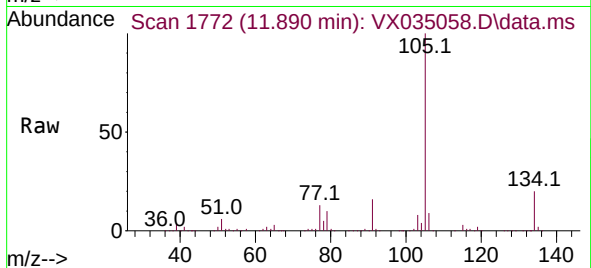
Tgt Ion:105 Resp: 271008
Ion Ratio Lower Upper
105 100
120 43.9 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 19.804 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX035058.D
 Acq: 13 Apr 2023 12:42

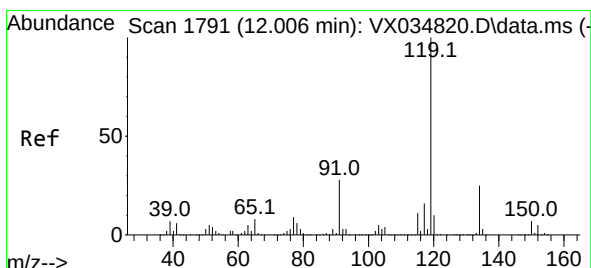
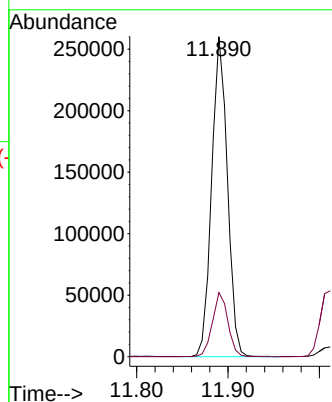
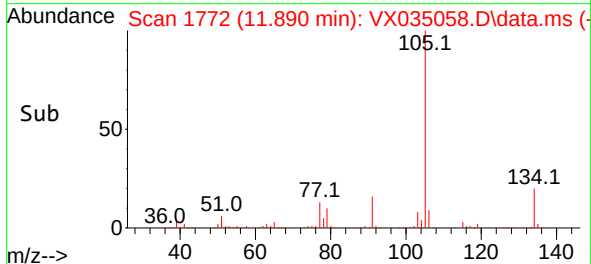
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBS01



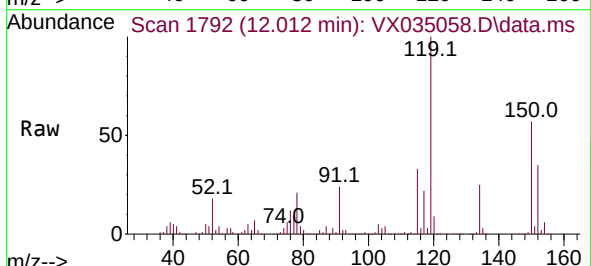
Tgt Ion:105 Resp: 30998
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.2 30.4

Manual Integrations
 APPROVED

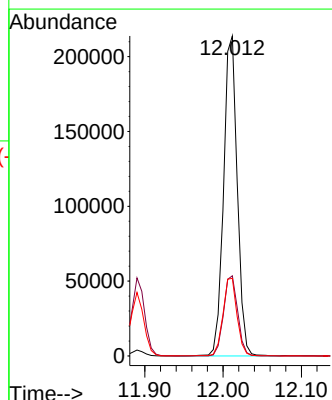
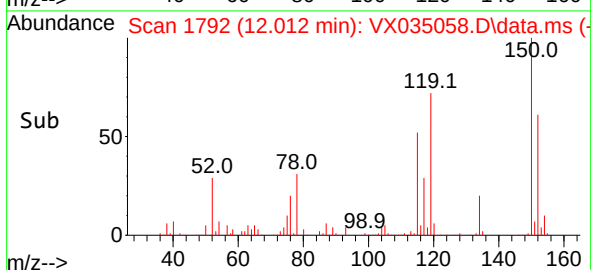
Reviewed By :John Carlone 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

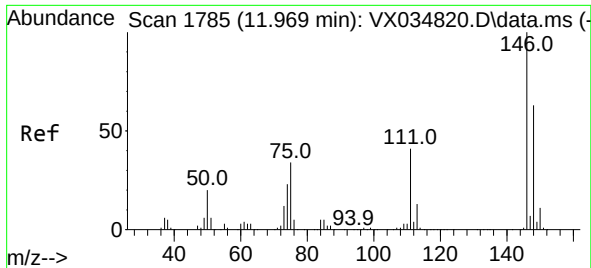


#86
 p-Isopropyltoluene
 Concen: 19.935 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX035058.D
 Acq: 13 Apr 2023 12:42



Tgt Ion:119 Resp: 260184
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.2 39.5
 91 25.1 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 19.623 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035058.D

Acq: 13 Apr 2023 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBS01

Tgt Ion:146 Resp: 14510

Ion Ratio Lower Upper

146 100

111 42.6 20.9 62.8

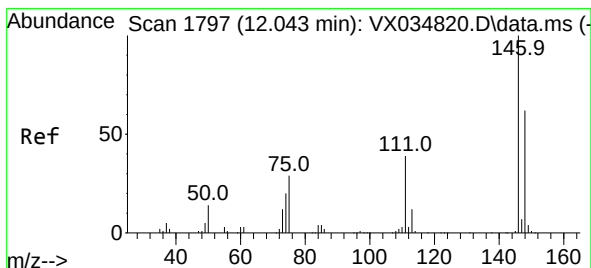
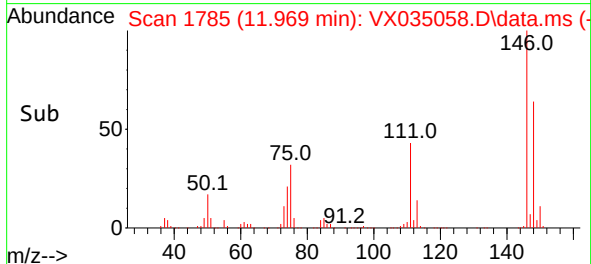
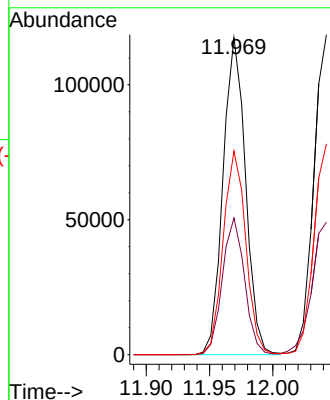
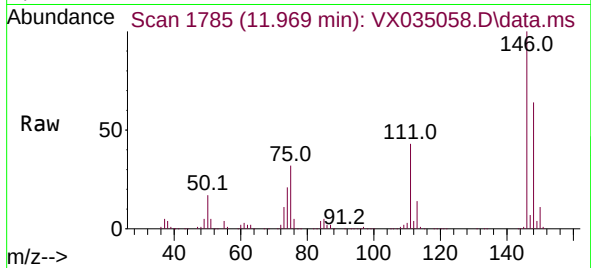
148 64.5 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#88

1,4-Dichlorobenzene

Concen: 19.204 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.001 min

Lab File: VX035058.D

Acq: 13 Apr 2023 12:42

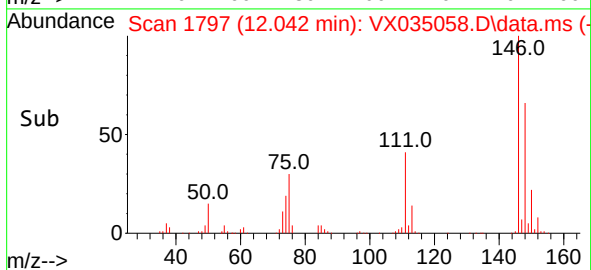
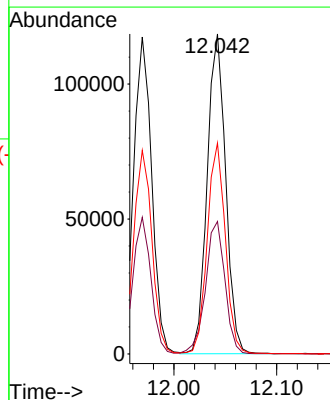
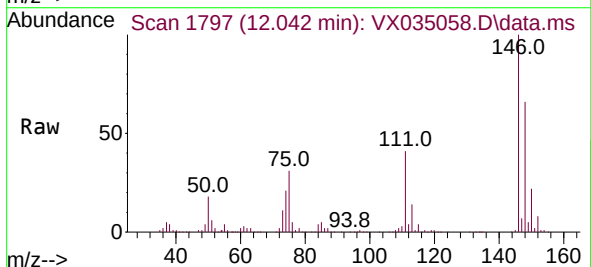
Tgt Ion:146 Resp: 148312

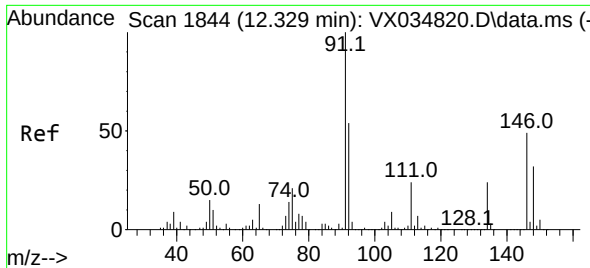
Ion Ratio Lower Upper

146 100

111 43.4 20.6 61.9

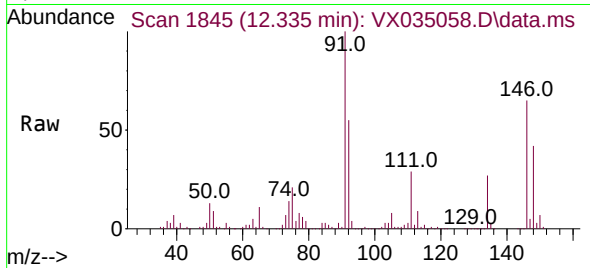
148 64.7 31.8 95.4





#89
n-Butylbenzene
Concen: 19.284 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

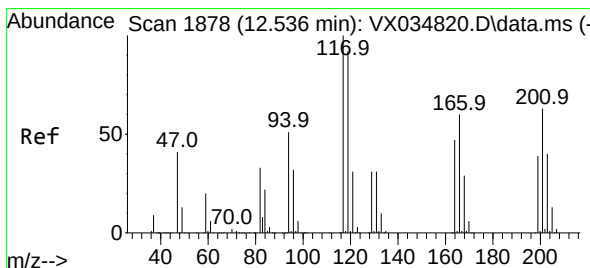
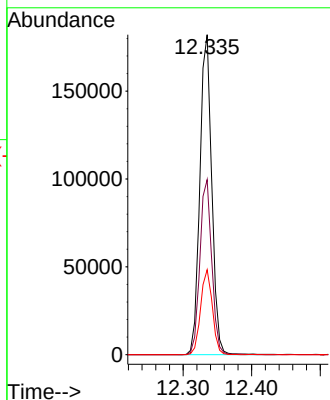
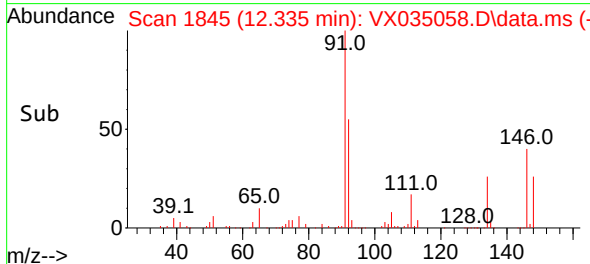
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01



Tgt Ion: 91 Resp: 219898
Ion Ratio Lower Upper
91 100
92 54.7 27.7 83.0
134 26.2 13.0 38.9

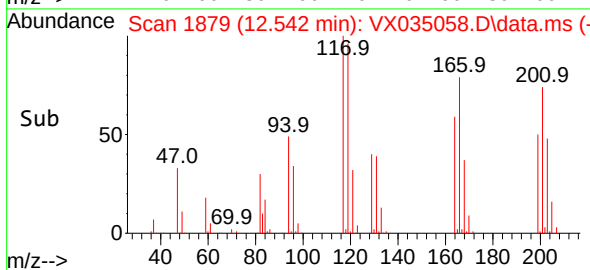
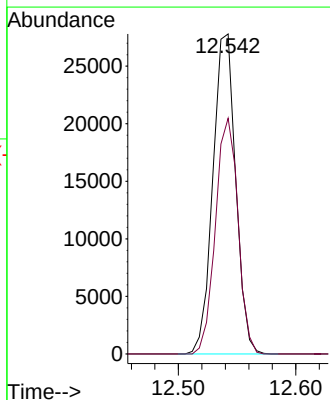
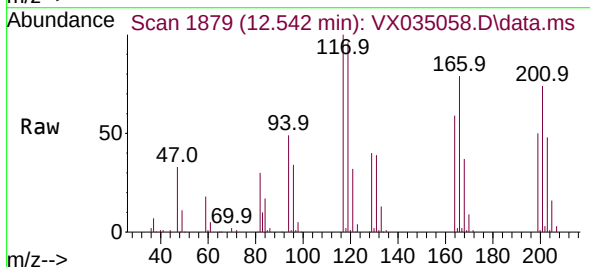
Manual Integrations
APPROVED

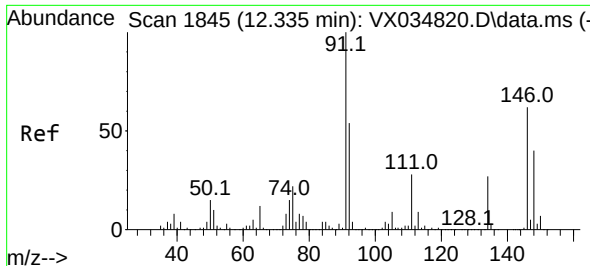
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#90
Hexachloroethane
Concen: 18.554 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

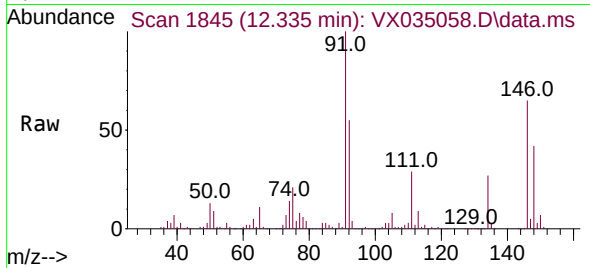
Tgt Ion:117 Resp: 37519
Ion Ratio Lower Upper
117 100
201 72.6 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 19.802 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

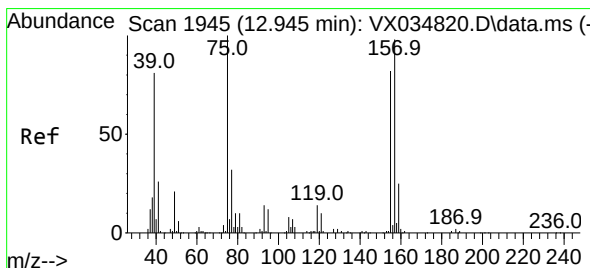
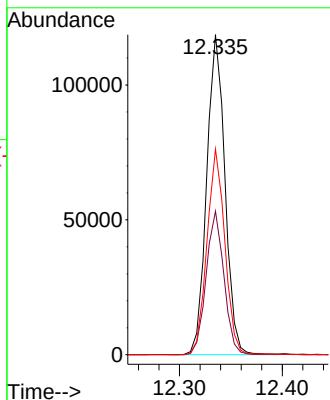
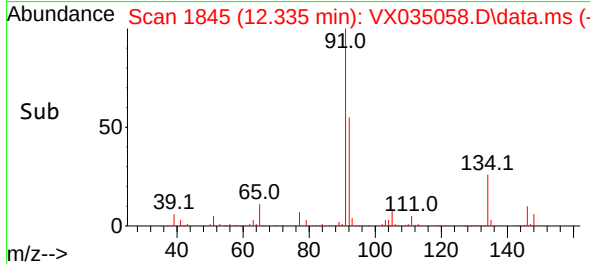
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01



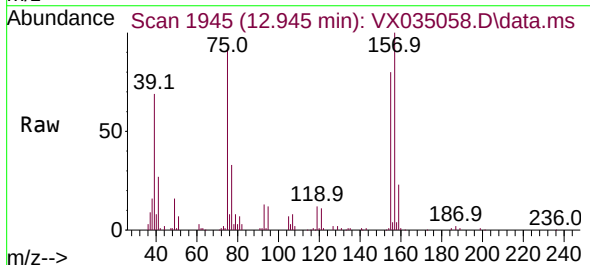
Tgt Ion:146 Resp: 146640
Ion Ratio Lower Upper
146 100
111 43.9 22.0 66.0
148 63.1 32.0 96.0

Manual Integrations
APPROVED

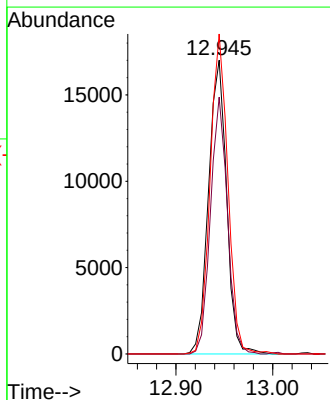
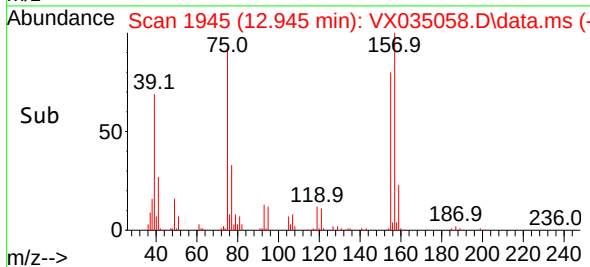
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

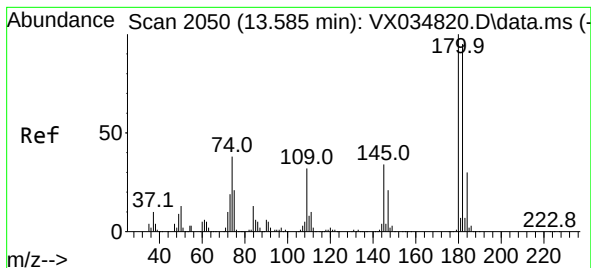


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.655 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42



Tgt Ion: 75 Resp: 22034
Ion Ratio Lower Upper
75 100
155 82.1 38.4 115.1
157 107.4 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 20.773 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX035058.D

Acq: 13 Apr 2023 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBS01

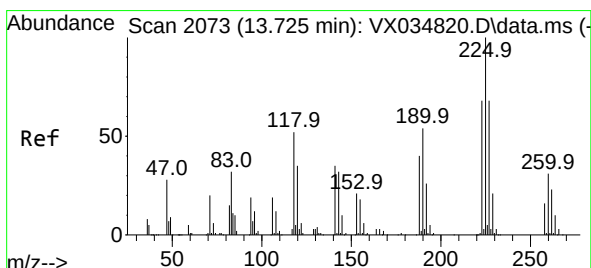
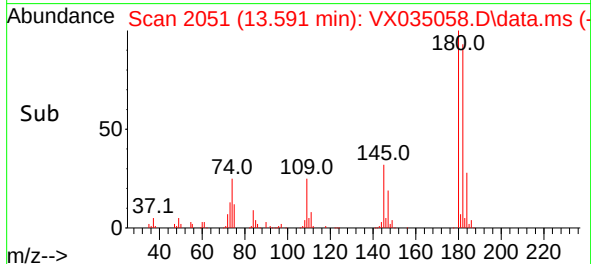
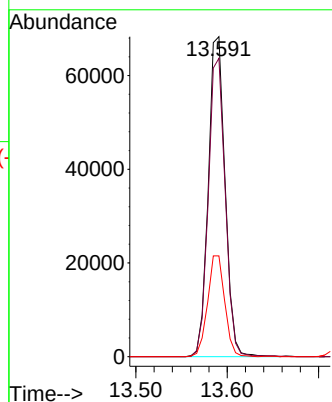
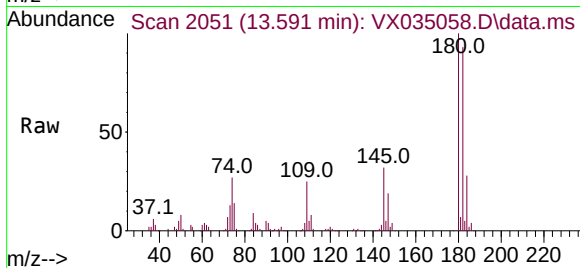
Tgt Ion:180	Resp:	87000
Ion Ratio	Lower	Upper
180	100	
182	93.8	47.0 141.0
145	32.2	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#94

Hexachlorobutadiene

Concen: 20.064 ug/l

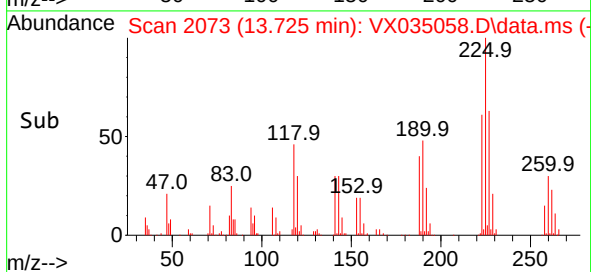
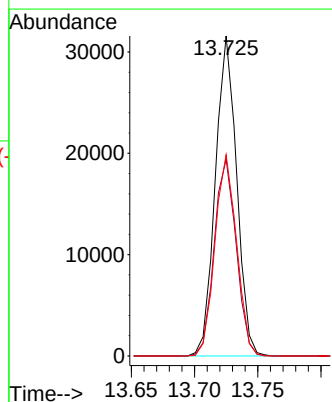
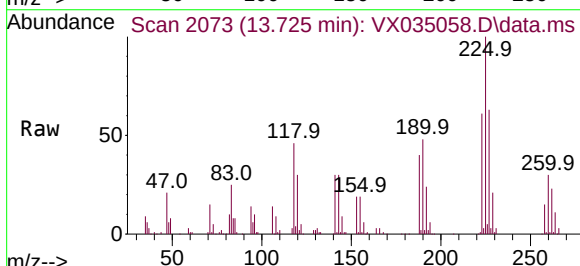
RT: 13.725 min Scan# 2073

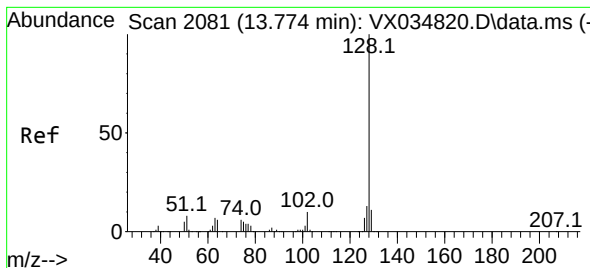
Delta R.T. -0.000 min

Lab File: VX035058.D

Acq: 13 Apr 2023 12:42

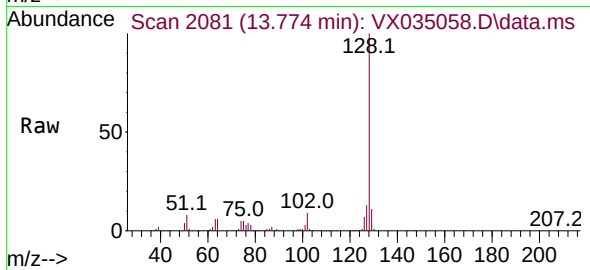
Tgt Ion:225	Resp:	36963
Ion Ratio	Lower	Upper
225	100	
223	63.4	32.1 96.5
227	63.7	31.8 95.4





#95
Naphthalene
Concen: 20.838 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

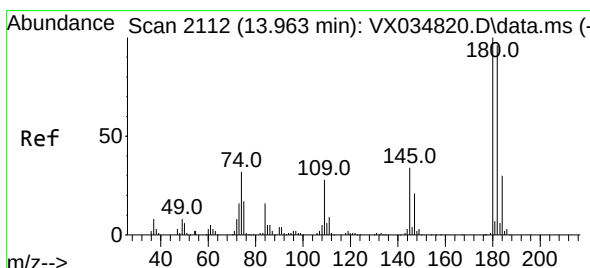
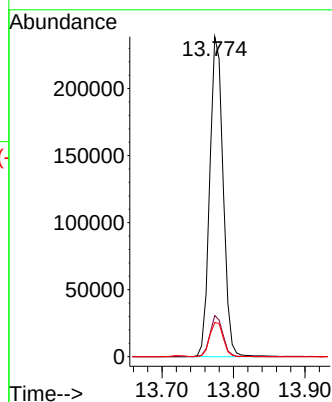
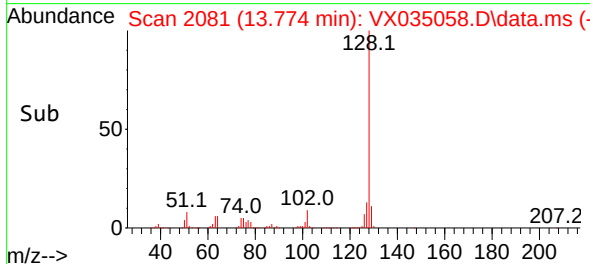
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01



Tgt Ion:128 Resp: 310139
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.411 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035058.D
Acq: 13 Apr 2023 12:42

Tgt Ion:180 Resp: 86217
Ion Ratio Lower Upper
180 100
182 96.6 48.0 144.2
145 34.4 17.7 53.1

