

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032810.D
 Acq On : 15 Nov 2022 10:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/16/2022
 Supervised By : Mahesh Dadoda 11/16/2022

Quant Time: Nov 16 03:31:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	88213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	137707	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59805	48.793	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.580%		
35) Dibromofluoromethane	5.379	113	49697	50.594	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.180%		
50) Toluene-d8	8.647	98	163029	47.731	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.460%		
62) 4-Bromofluorobenzene	11.079	95	67967	50.942	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	47081	46.275	ug/l	96
3) Chloromethane	1.295	50	38035	44.205	ug/l	99
4) Vinyl Chloride	1.374	62	43232	45.655	ug/l	99
5) Bromomethane	1.618	94	39403	52.069	ug/l	99
6) Chloroethane	1.691	64	45384	71.441	ug/l	99
7) Trichlorofluoromethane	1.886	101	91064	50.753	ug/l	99
8) Diethyl Ether	2.130	74	30711	52.818	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	50690	53.527	ug/l	99
10) Methyl Iodide	2.453	142	53747	50.987	ug/l	99
11) Tert butyl alcohol	2.995	59	40133m	224.962	ug/l	
12) 1,1-Dichloroethene	2.319	96	43932	49.660	ug/l	94
13) Acrolein	2.239	56	45610	256.097	ug/l	99
14) Allyl chloride	2.660	41	73551	52.156	ug/l	99
15) Acrylonitrile	3.063	53	116114	239.824	ug/l	100
16) Acetone	2.386	43	132367	297.131	ug/l	99
17) Carbon Disulfide	2.514	76	94353	44.778	ug/l	100
18) Methyl Acetate	2.703	43	78779	54.380	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	172392	55.444	ug/l	99
20) Methylene Chloride	2.788	84	52768	51.662	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	47807	49.646	ug/l	100
22) Diisopropyl ether	3.751	45	173457	56.866	ug/l #	86
23) Vinyl Acetate	3.715	43	642827	260.847	ug/l	100
24) 1,1-Dichloroethane	3.605	63	94984	54.137	ug/l	99
25) 2-Butanone	4.556	43	175309	254.004	ug/l	100
26) 2,2-Dichloropropane	4.471	77	80083	57.420	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	62345	56.012	ug/l	99
28) Bromochloromethane	4.898	49	30414	48.666	ug/l	99
29) Tetrahydrofuran	5.001	42	103467	235.097	ug/l	100
30) Chloroform	5.093	83	109141	56.690	ug/l	100
31) Cyclohexane	5.471	56	74297	49.993	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	96970	56.129	ug/l	99
36) 1,1-Dichloropropene	5.690	75	71525	52.289	ug/l	99
37) Ethyl Acetate	4.709	43	67409	47.344	ug/l	99
38) Carbon Tetrachloride	5.678	117	86866	57.256	ug/l	98
39) Methylcyclohexane	7.379	83	82663	51.077	ug/l	97
40) Benzene	6.031	78	209966	54.243	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	38931	53.674	ug/l	98
42) 1,2-Dichloroethane	6.086	62	89885	56.806	ug/l	100
43) Isopropyl Acetate	6.336	43	113995	52.144	ug/l	99
44) Trichloroethene	7.123	130	58721	53.889	ug/l	100
45) 1,2-Dichloropropane	7.428	63	55662	56.018	ug/l	97
46) Dibromomethane	7.580	93	42652	55.971	ug/l	99
47) Bromodichloromethane	7.818	83	88195	61.065	ug/l	98
48) Methyl methacrylate	7.690	41	58302	51.637	ug/l	100
49) 1,4-Dioxane	7.708	88	18309	850.903	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	349841	254.060	ug/l	100
52) Toluene	8.714	92	141265	55.937	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	88640	60.152	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	93163	59.109	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	61319	57.654	ug/l	98
56) Ethyl methacrylate	9.116	69	86589	56.574	ug/l	99
57) 1,3-Dichloropropane	9.305	76	97266	56.631	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	201815	273.841	ug/l	99
59) 2-Hexanone	9.427	43	263784	258.168	ug/l	100
60) Dibromochloromethane	9.519	129	72261	62.203	ug/l	99
61) 1,2-Dibromoethane	9.610	107	63971	56.765	ug/l	99
64) Tetrachloroethene	9.275	164	51164	55.477	ug/l	97
65) Chlorobenzene	10.080	112	158012	55.982	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	64694	60.901	ug/l	98
67) Ethyl Benzene	10.195	91	286911	56.844	ug/l	99
68) m/p-Xylenes	10.299	106	221313	112.919	ug/l	100
69) o-Xylene	10.640	106	109523	57.475	ug/l	100
70) Styrene	10.653	104	186095	58.762	ug/l	99
71) Bromoform	10.799	173	52293	62.262	ug/l #	99
73) Isopropylbenzene	10.964	105	300666	53.839	ug/l	100
74) N-amyl acetate	10.842	43	103750	49.169	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	90342	50.398	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	83183m	53.054	ug/l	
77) Bromobenzene	11.195	156	73383	53.599	ug/l	99
78) n-propylbenzene	11.305	91	344853	53.597	ug/l	100
79) 2-Chlorotoluene	11.366	91	208692	54.159	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	259272	54.322	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	26105	52.980	ug/l	99
82) 4-Chlorotoluene	11.451	91	243739	54.058	ug/l	98
83) tert-Butylbenzene	11.713	119	254601	53.430	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	257369	54.216	ug/l	100
85) sec-Butylbenzene	11.890	105	316412	55.184	ug/l	100
86) p-Isopropyltoluene	12.006	119	270867	55.674	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	140364	54.350	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	143105	53.412	ug/l	99
89) n-Butylbenzene	12.329	91	233196	55.095	ug/l	100
90) Hexachloroethane	12.536	117	45709	57.518	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	138706	54.469	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18373	46.747	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	87792	52.873	ug/l	99
94) Hexachlorobutadiene	13.725	225	38708	55.819	ug/l	99
95) Naphthalene	13.774	128	280058	50.619	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	88036	52.159	ug/l	99

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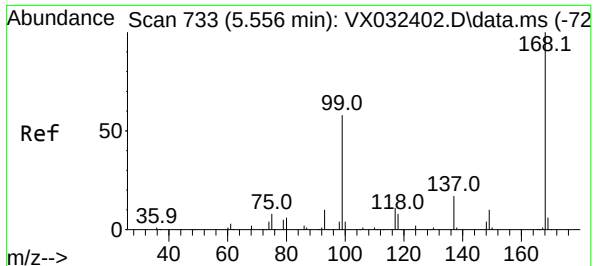
Manual Integrations
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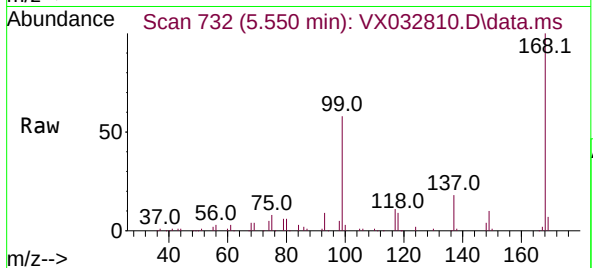
Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 733
Delta R.T. -0.006 min
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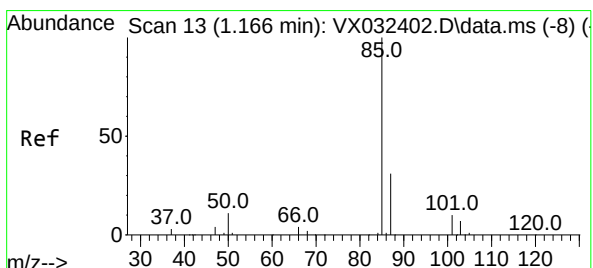
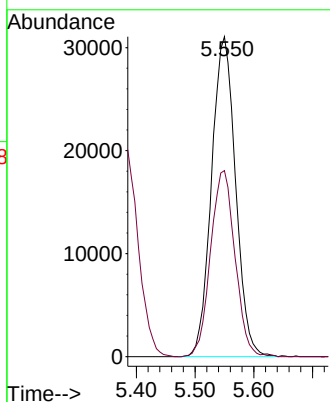
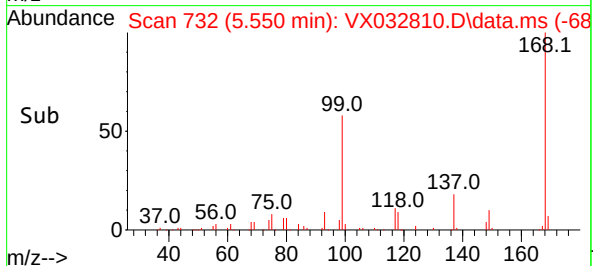
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



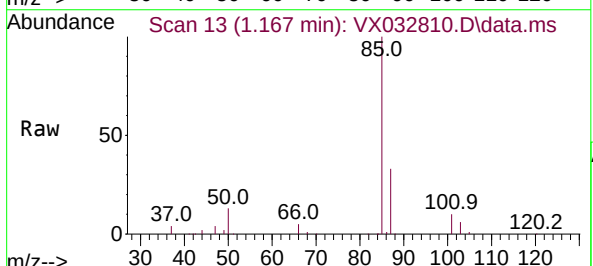
Tgt Ion:168 Resp: 88213
Ion Ratio Lower Upper
168 100
99 58.1 46.1 69.1

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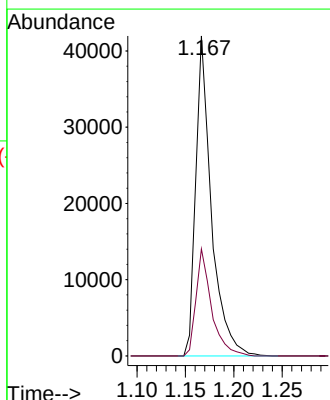
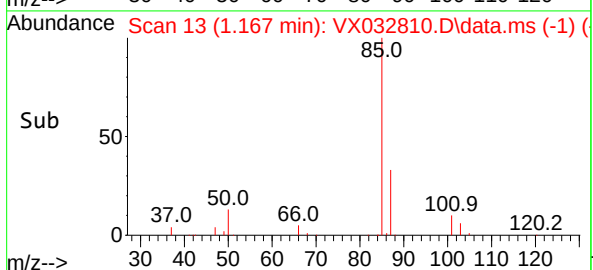
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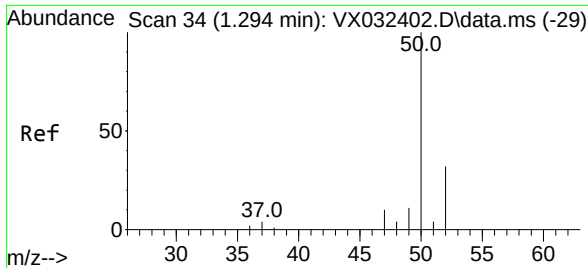


#2
Dichlorodifluoromethane
Concen: 46.275 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17



Tgt Ion: 85 Resp: 47081
Ion Ratio Lower Upper
85 100
87 33.4 15.6 46.7





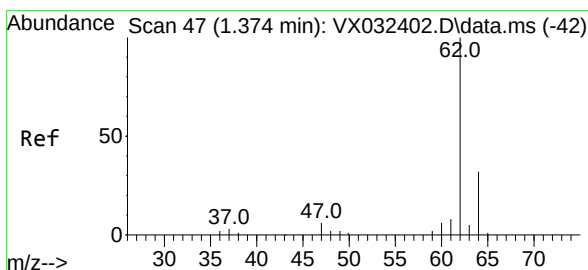
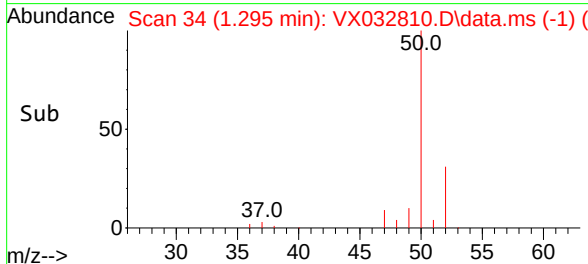
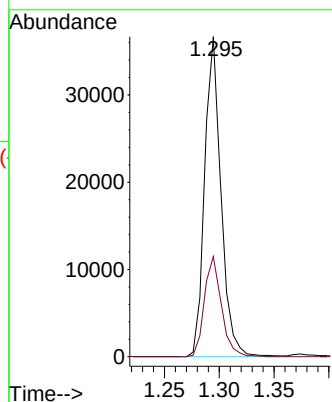
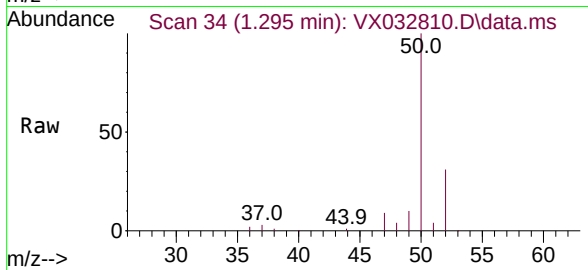
#3
Chloromethane
Concen: 44.205 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

Instrument :
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Tgt Ion: 50 Resp: 38035
Ion Ratio Lower Upper
50 100
52 31.3 25.4 38.2

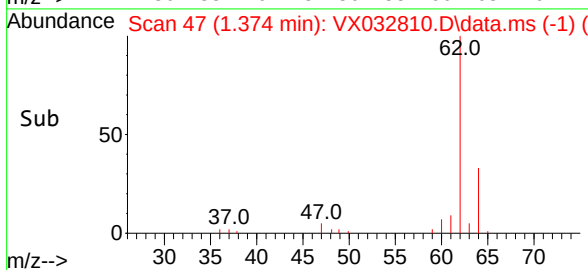
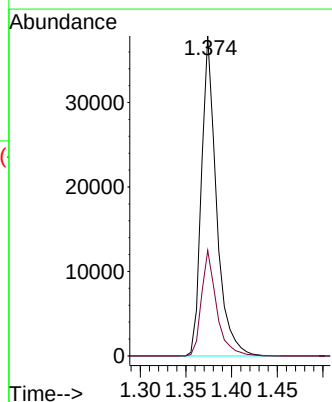
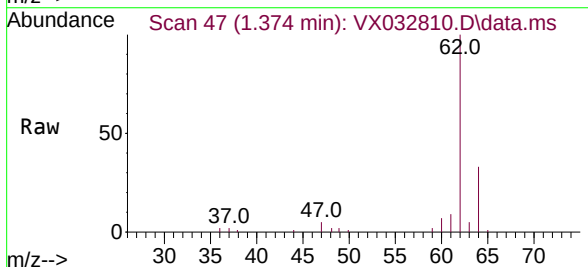
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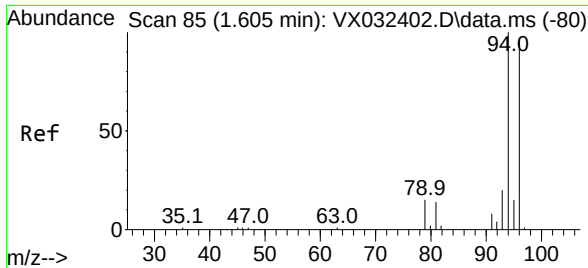
Reviewed By :John Carlone 11/16/2022
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#4
Vinyl Chloride
Concen: 45.655 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

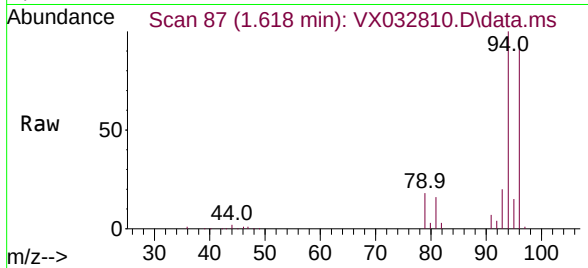
Tgt Ion: 62 Resp: 43232
Ion Ratio Lower Upper
62 100
64 33.0 25.8 38.6





#5
Bromomethane
Concen: 52.069 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

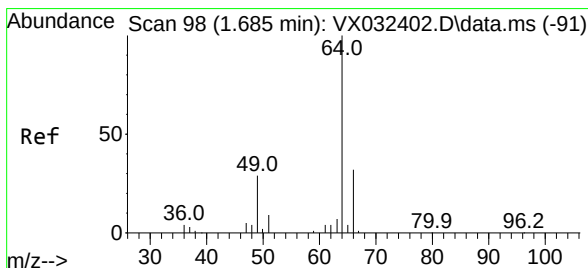
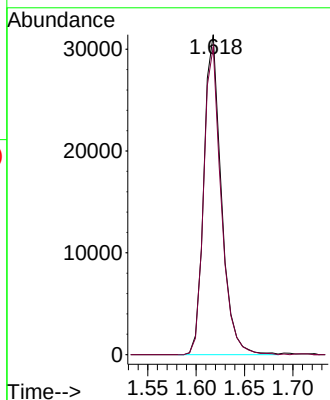
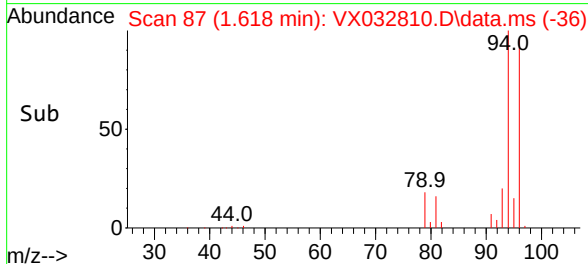
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Tgt Ion: 94 Resp: 39403
Ion Ratio Lower Upper
94 100
96 96.1 77.6 116.4

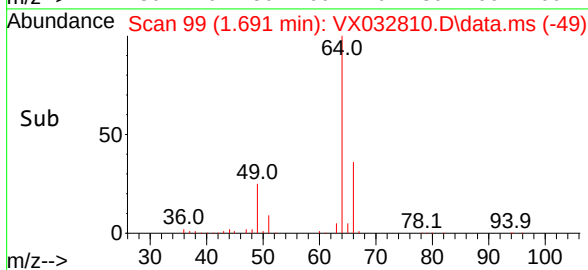
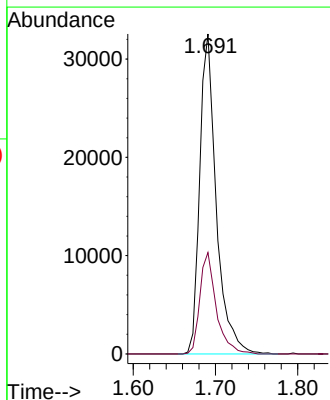
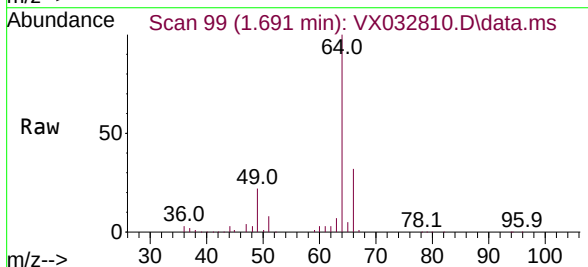
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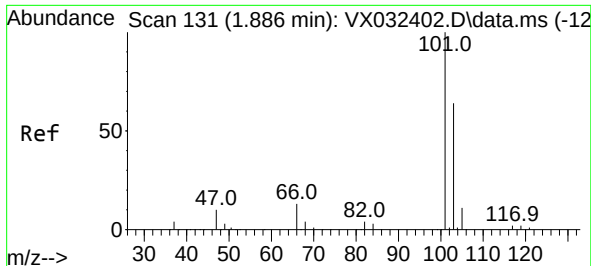
Reviewed By :John Carlone 11/16/2022
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#6
Chloroethane
Concen: 71.441 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

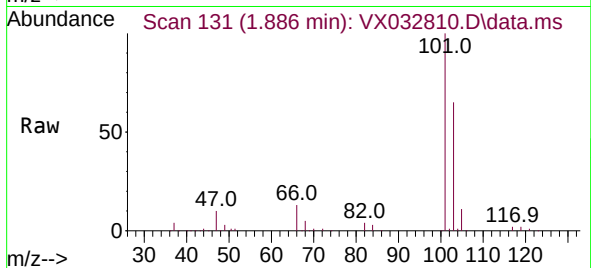
Tgt Ion: 64 Resp: 45384
Ion Ratio Lower Upper
64 100
66 31.7 26.0 39.0





#7
Trichlorofluoromethane
Concen: 50.753 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX032810.D
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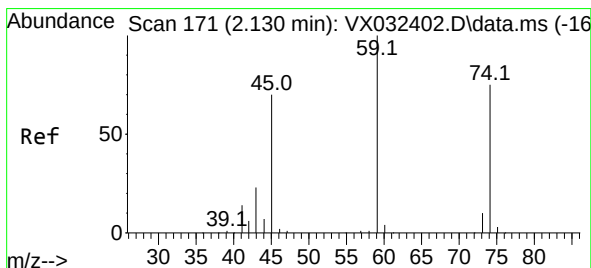
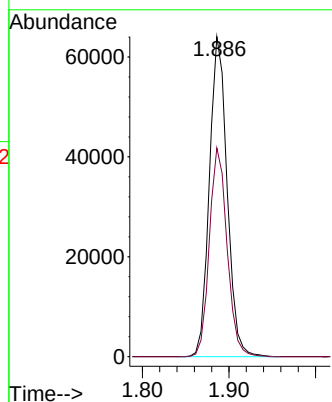
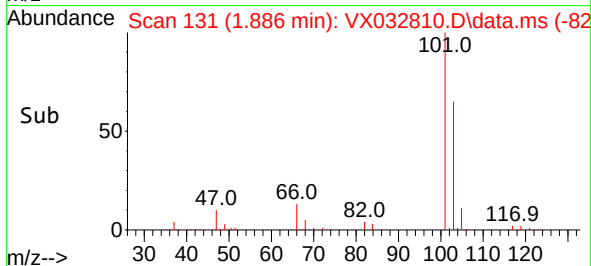
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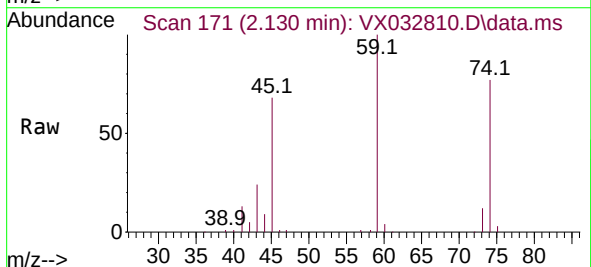
Tgt Ion:101 Resp: 91064
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.2

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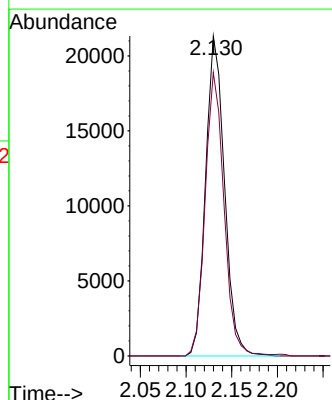
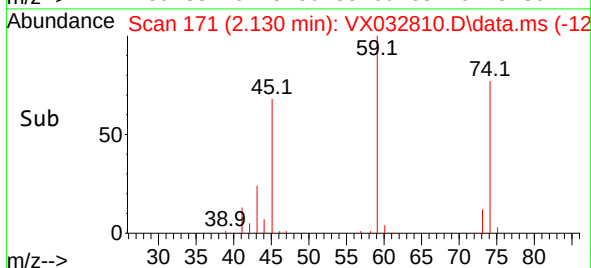
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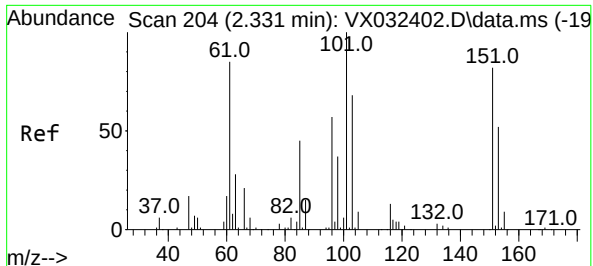


#8
Diethyl Ether
Concen: 52.818 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX032810.D
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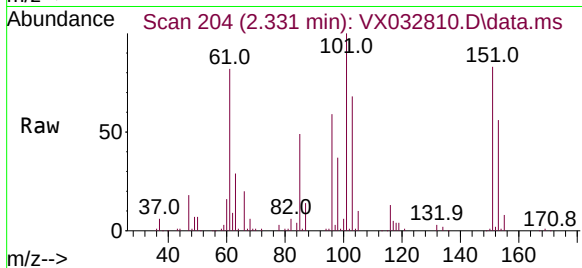
Tgt Ion: 74 Resp: 30711
Ion Ratio Lower Upper
74 100
45 88.7 46.6 139.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.527 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX032810.D
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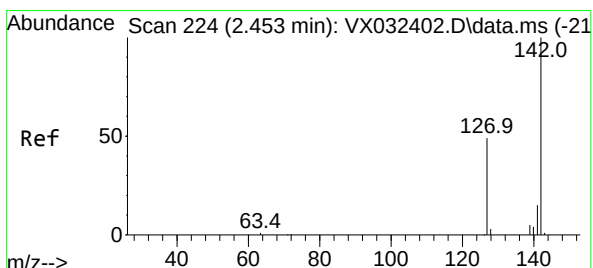
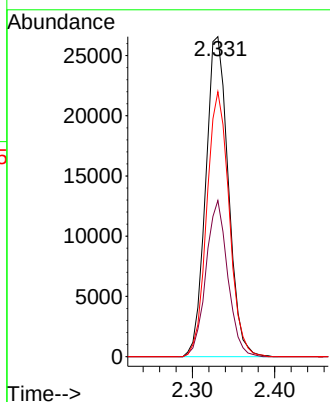
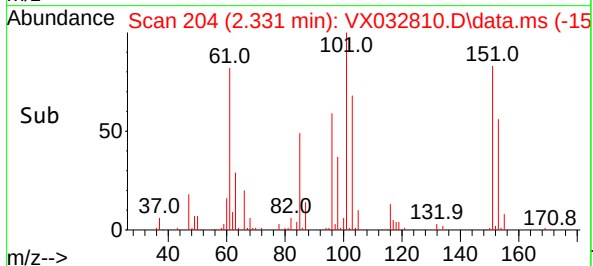
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ClientSampleId :
VSTDCCC050



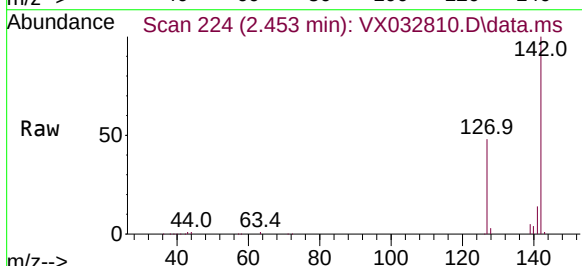
Tgt Ion:101 Resp: 50690
Ion Ratio Lower Upper
101 100
85 46.9 37.0 55.4
151 82.0 64.4 96.6

Manual Integrations
APPROVED

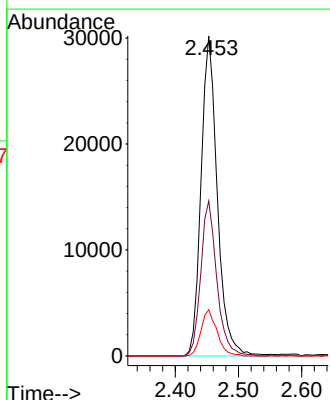
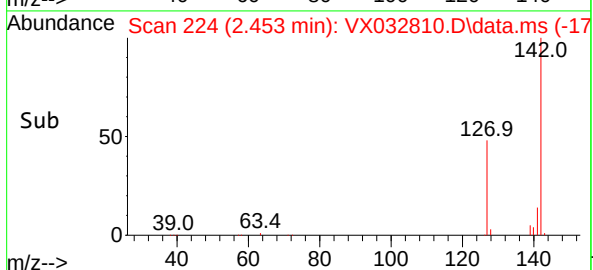
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

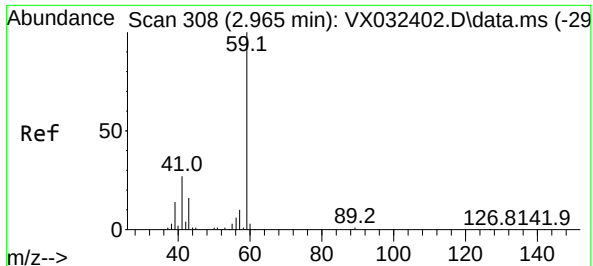


#10
Methyl Iodide
Concen: 50.987 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17



Tgt Ion:142 Resp: 53747
Ion Ratio Lower Upper
142 100
127 47.7 38.6 57.8
141 14.1 11.4 17.2





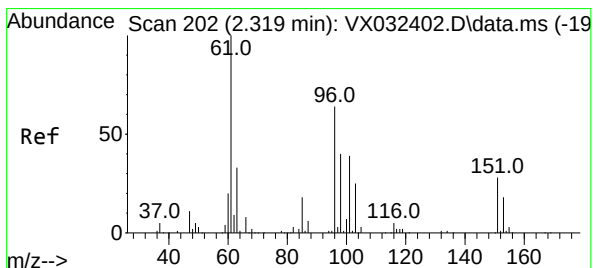
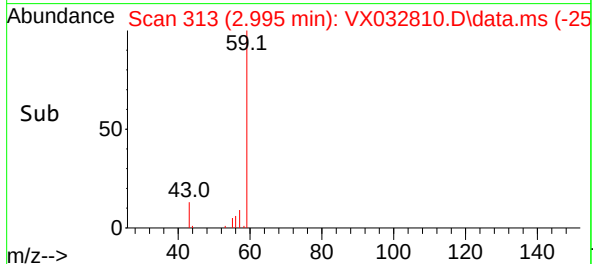
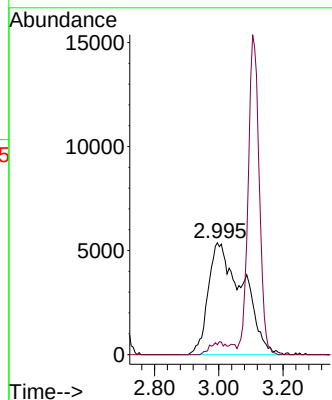
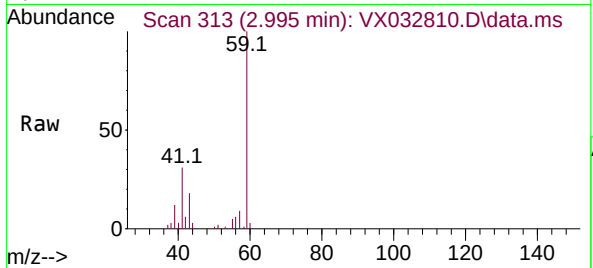
#11
Tert butyl alcohol
Concen: 224.962 ug/l m
RT: 2.995 min Scan# 313
Delta R.T. 0.031 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 40133
Ion Ratio Lower Upper
59 100
57 5.0 8.2 12.4

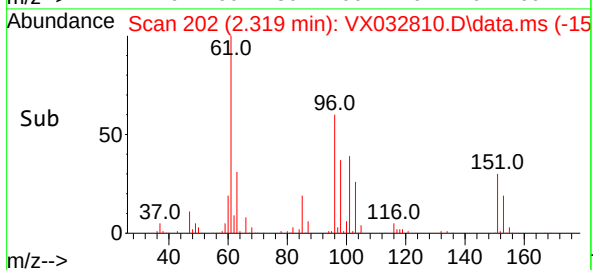
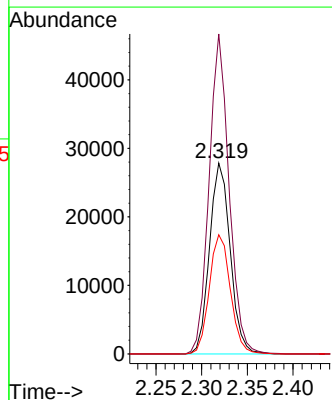
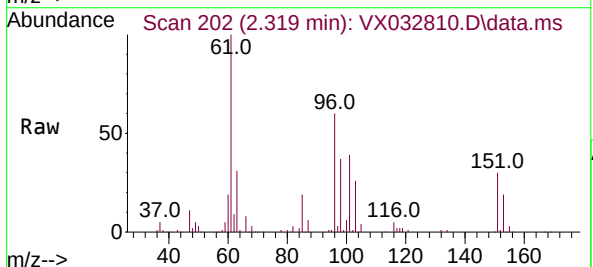
Manual Integrations
APPROVED

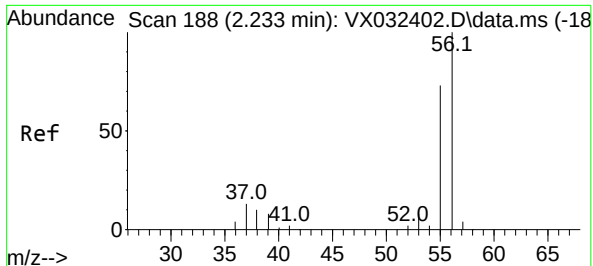
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#12
1,1-Dichloroethene
Concen: 49.660 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

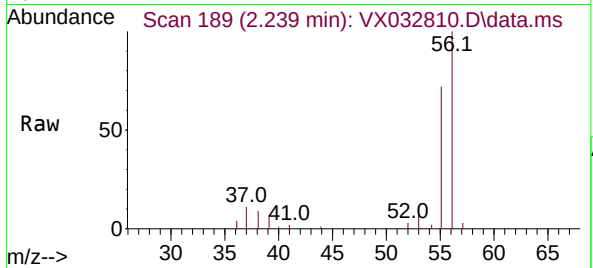
Tgt Ion: 96 Resp: 43932
Ion Ratio Lower Upper
96 100
61 167.7 125.1 187.7
98 62.5 50.6 76.0





#13
Acrolein
Concen: 256.097 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

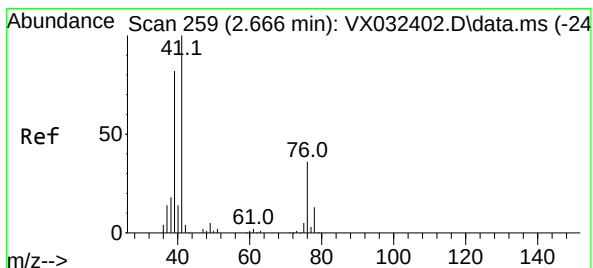
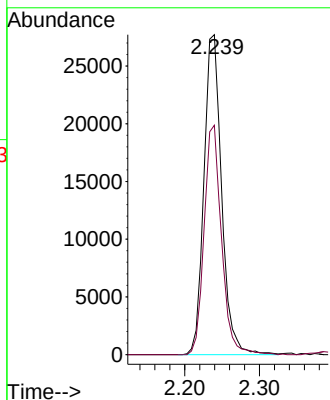
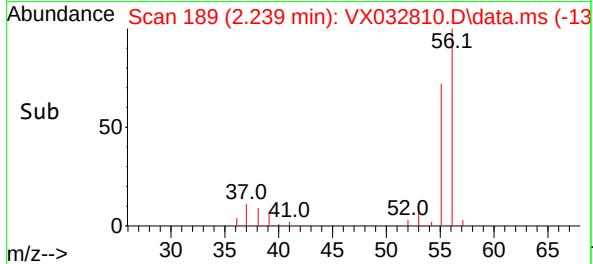
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 45610
Ion Ratio Lower Upper
56 100
55 70.5 56.9 85.3

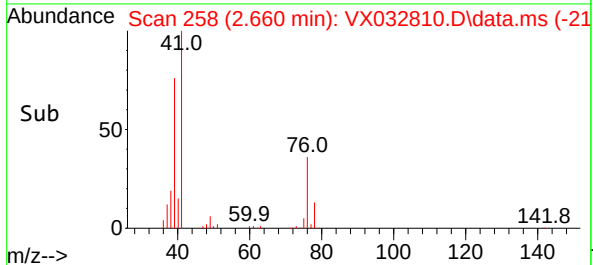
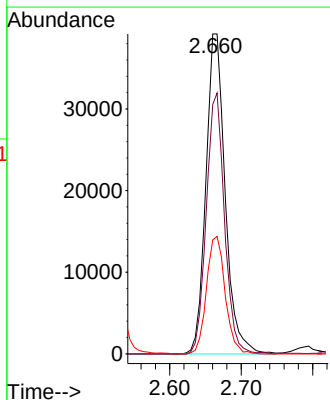
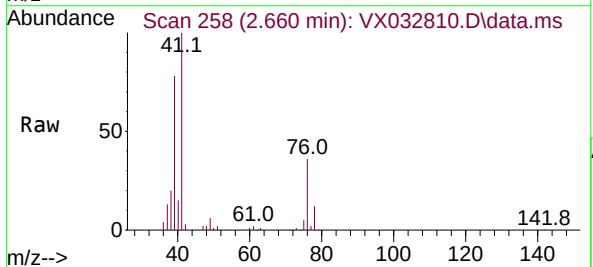
Manual Integrations
APPROVED

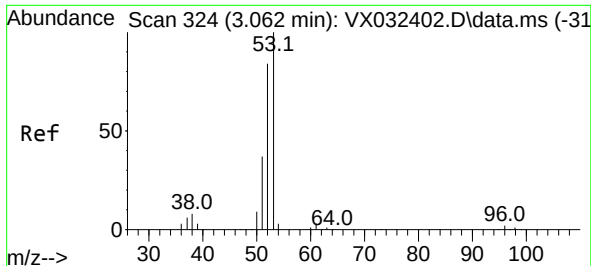
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#14
Allyl chloride
Concen: 52.156 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

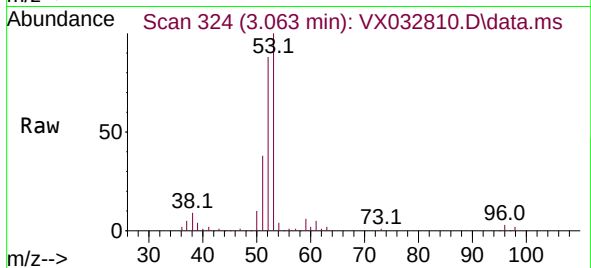
Tgt Ion: 41 Resp: 73551
Ion Ratio Lower Upper
41 100
39 76.7 61.4 92.2
76 35.5 29.2 43.8





#15
Acrylonitrile
Concen: 239.824 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

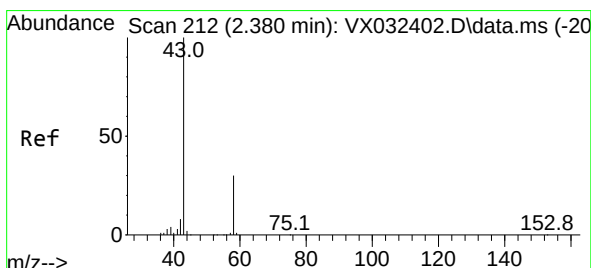
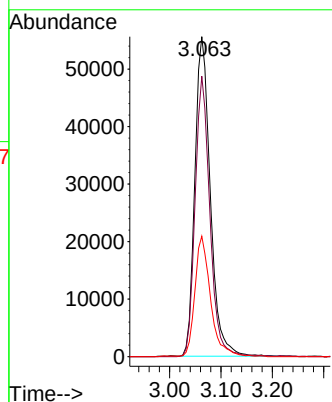
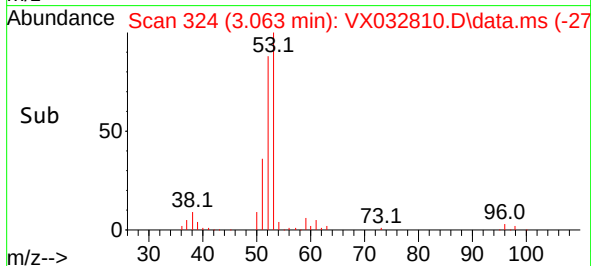
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 116114
Ion Ratio Lower Upper
53 100
52 84.1 67.4 101.0
51 37.6 30.3 45.5

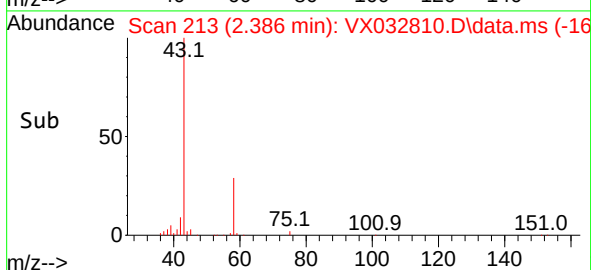
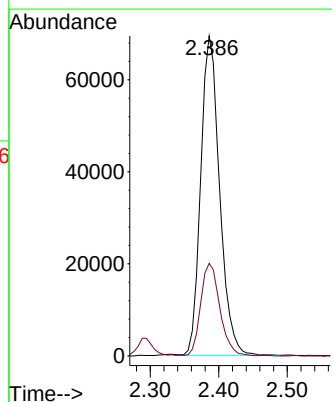
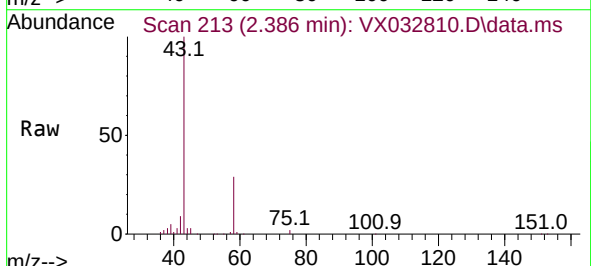
Manual Integrations
APPROVED

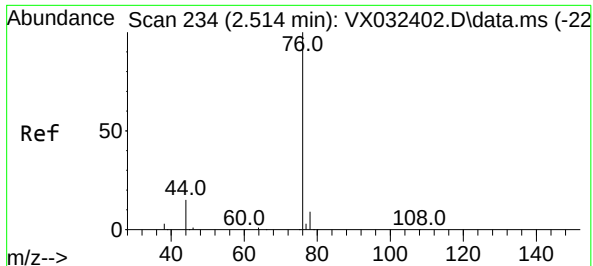
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#16
Acetone
Concen: 297.131 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

Tgt Ion: 43 Resp: 132367
Ion Ratio Lower Upper
43 100
58 29.0 23.8 35.8





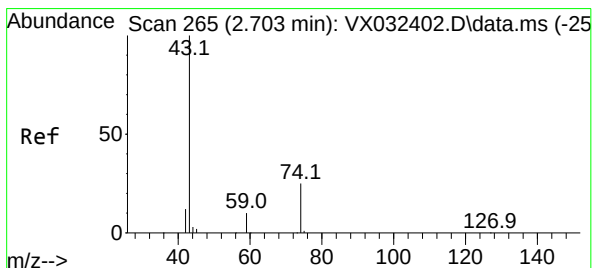
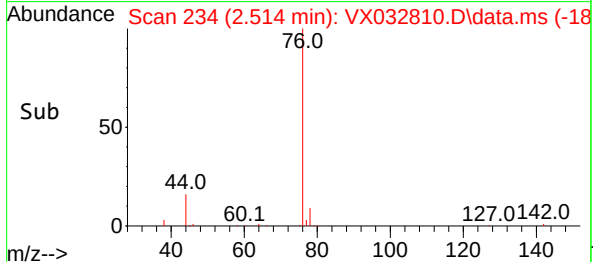
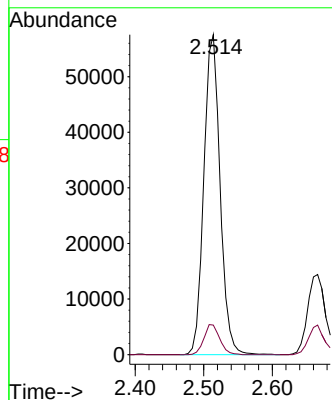
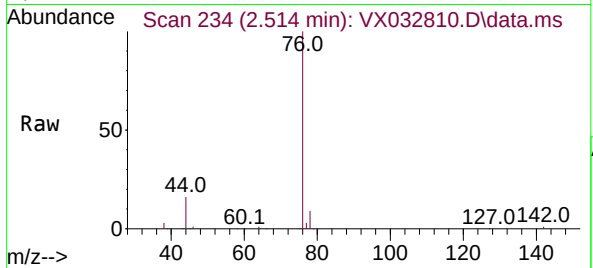
#17
Carbon Disulfide
Concen: 44.778 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 9435
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

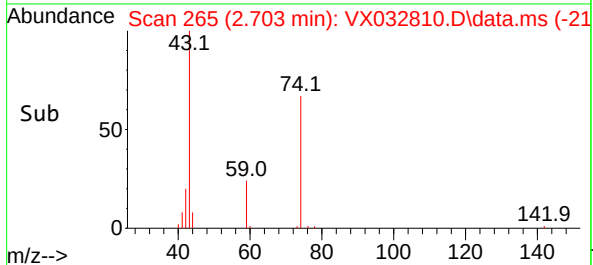
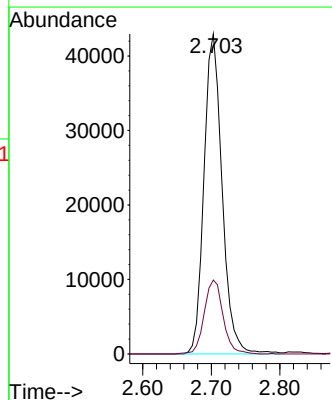
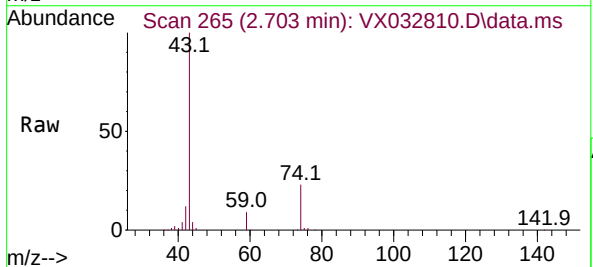
Manual Integrations
APPROVED

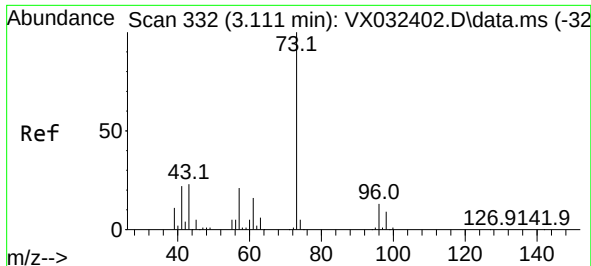
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#18
Methyl Acetate
Concen: 54.380 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

Tgt Ion: 43 Resp: 78779
Ion Ratio Lower Upper
43 100
74 23.9 19.4 29.0





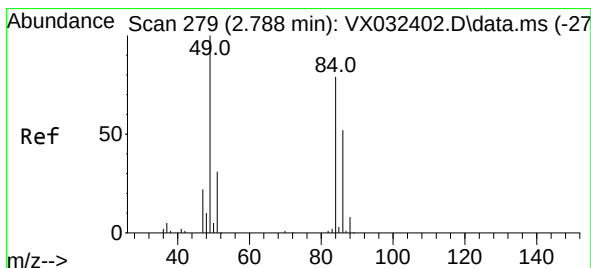
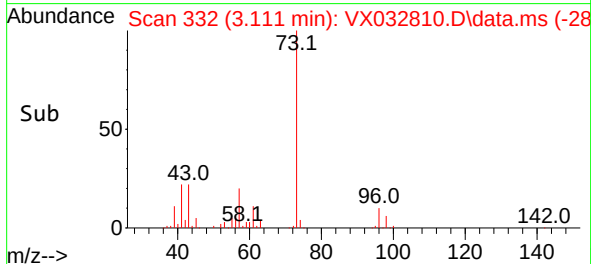
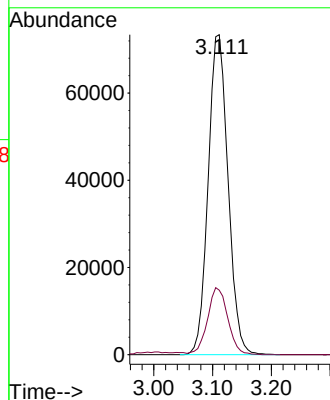
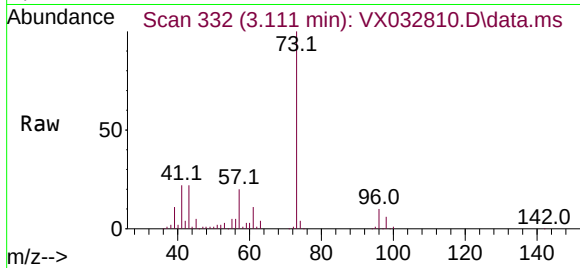
#19
Methyl tert-butyl Ether
Concen: 55.444 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 172392
Ion Ratio Lower Upper
73 100
57 20.1 16.6 25.0

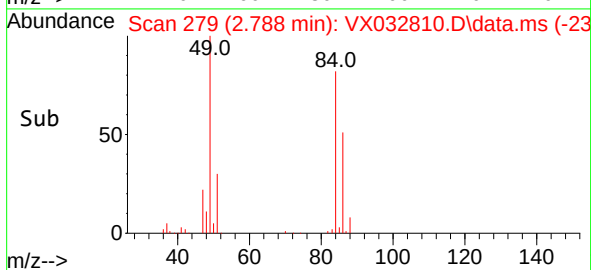
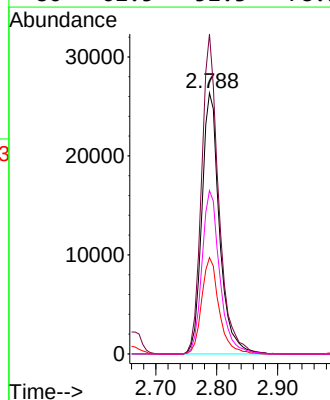
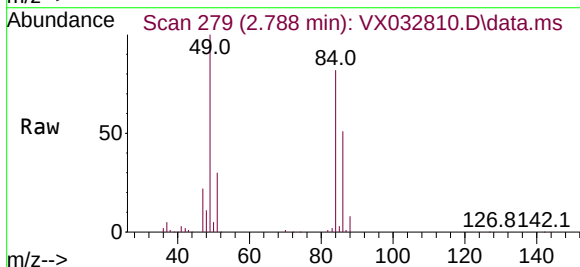
Manual Integrations
APPROVED

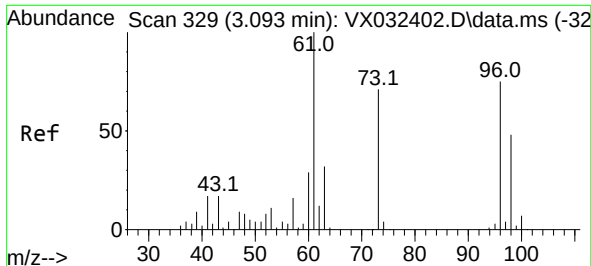
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#20
Methylene Chloride
Concen: 51.662 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

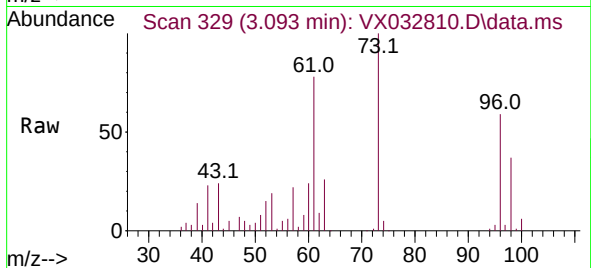
Tgt Ion: 84 Resp: 52768
Ion Ratio Lower Upper
84 100
49 122.6 101.0 151.6
51 36.9 31.1 46.7
86 62.5 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 49.646 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

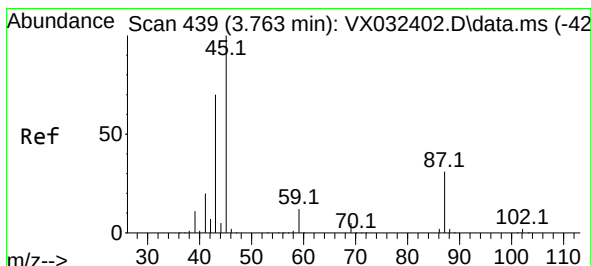
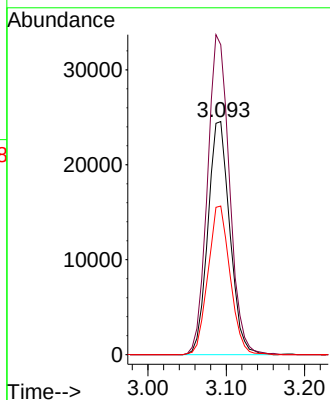
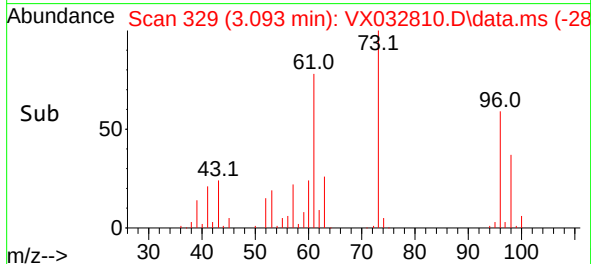
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



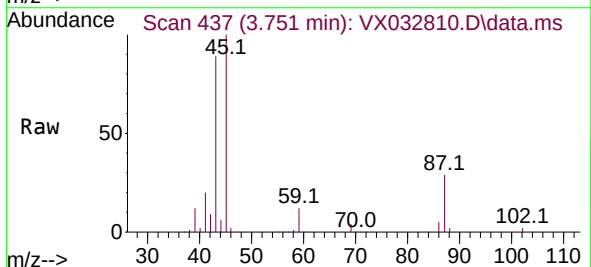
Tgt Ion: 96 Resp: 4780
Ion Ratio Lower Upper
96 100
61 132.9 106.6 160.0
98 63.8 51.0 76.6

Manual Integrations
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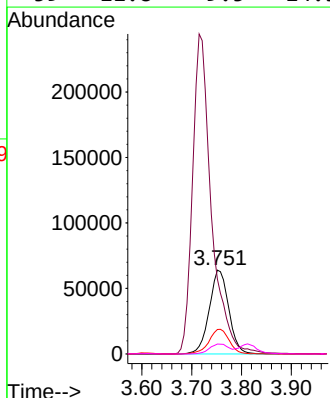
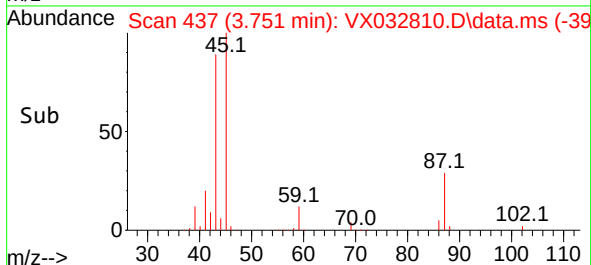
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

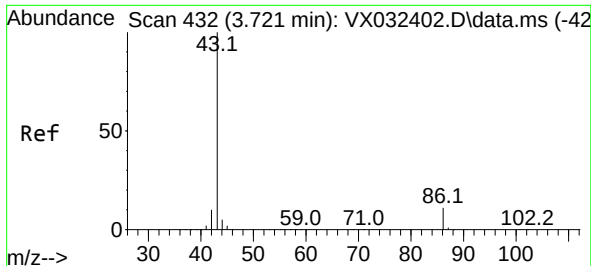


#22
Diisopropyl ether
Concen: 56.866 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.012 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17



Tgt Ion: 45 Resp: 173457
Ion Ratio Lower Upper
45 100
43 88.4 56.4 84.6#
87 29.1 24.4 36.6
59 11.8 9.5 14.3





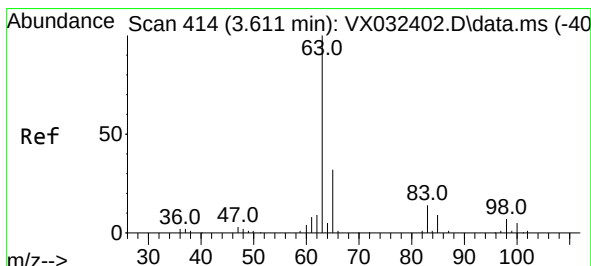
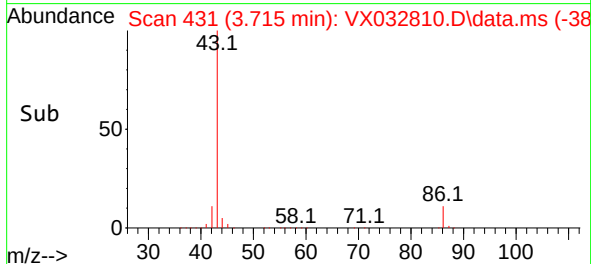
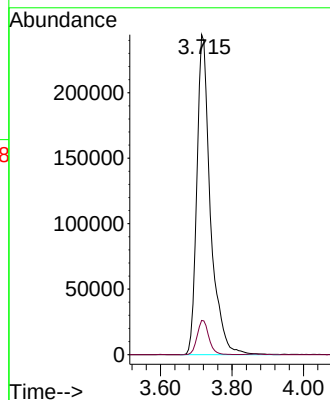
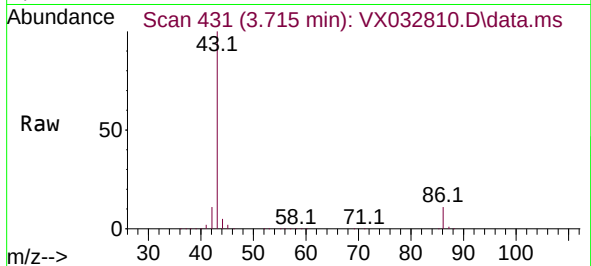
#23
 Vinyl Acetate
 Concen: 260.847 ug/l
 RT: 3.715 min Scan# 431
 Delta R.T. -0.006 min
 Lab File: VX032810.D
 Acq: 15 Nov 2022 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 64282
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 12.8

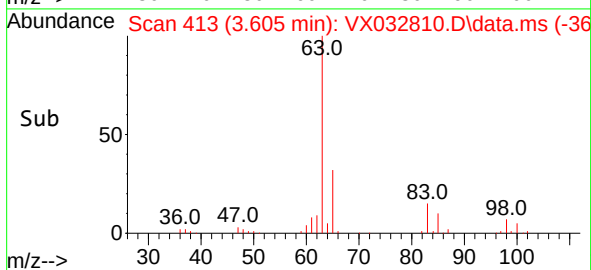
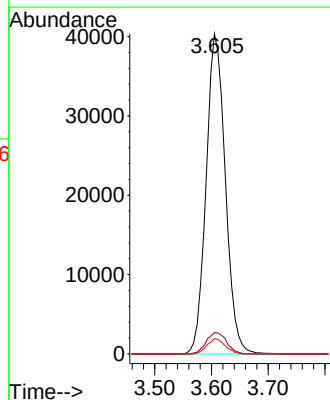
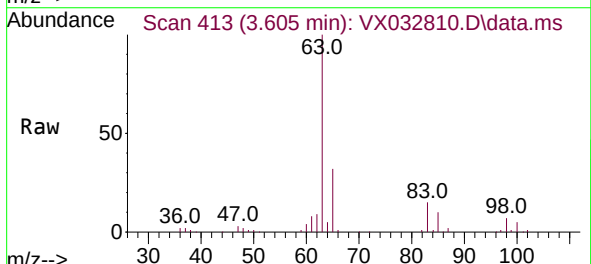
Manual Integrations
 APPROVED

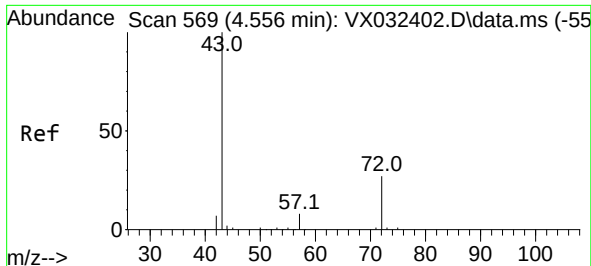
Reviewed By :John Carlone 11/16/2022
 Supervised By :Mahesh Dadoda 11/16/2022



#24
 1,1-Dichloroethane
 Concen: 54.137 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX032810.D
 Acq: 15 Nov 2022 10:17

Tgt Ion: 63 Resp: 94984
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.4
 100 4.7 2.3 6.8





#25

2-Butanone

Concen: 254.004 ug/l

RT: 4.556 min Scan# 569

Delta R.T. 0.000 min

Lab File: VX032810.D

Acq: 15 Nov 2022 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 175309

Ion Ratio Lower Upper

43 100

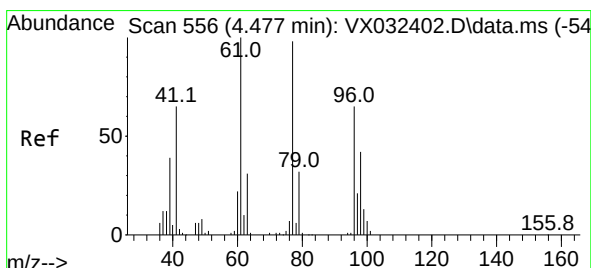
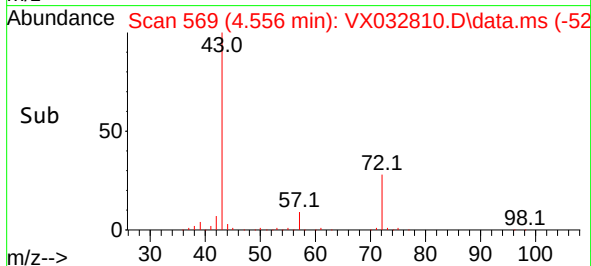
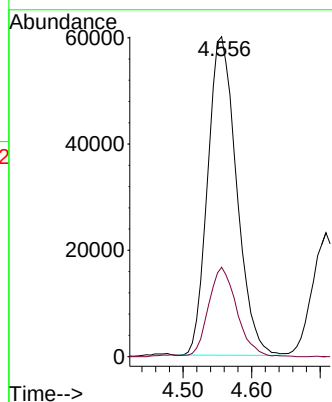
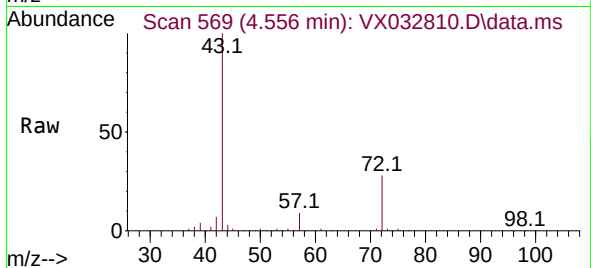
72 27.8 22.2 33.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#26

2,2-Dichloropropane

Concen: 57.420 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX032810.D

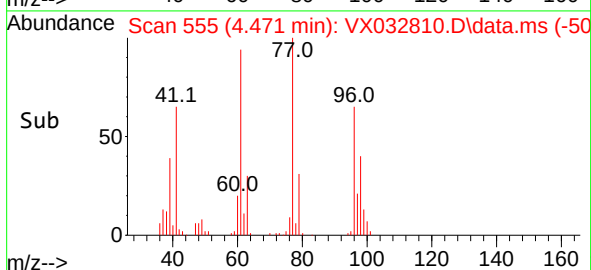
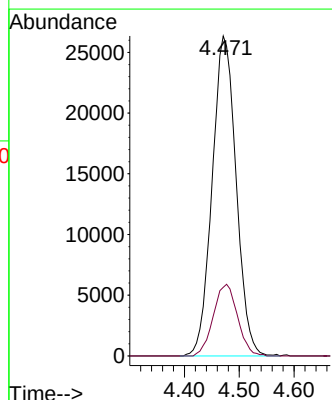
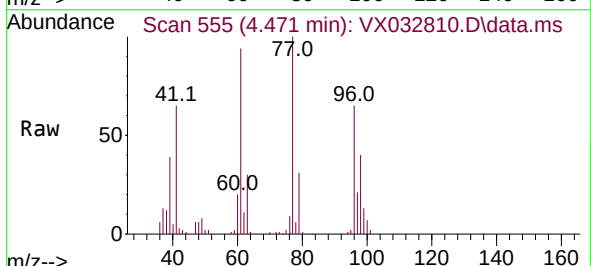
Acq: 15 Nov 2022 10:17

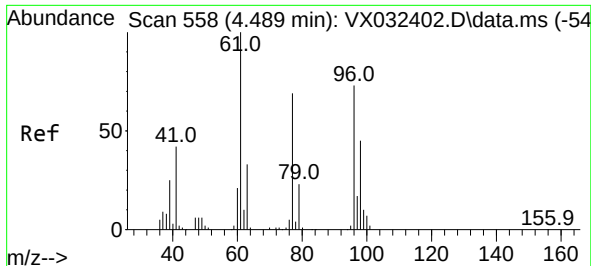
Tgt Ion: 77 Resp: 80083

Ion Ratio Lower Upper

77 100

97 22.6 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 56.012 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX032810.D

Acq: 15 Nov 2022 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 62345

Ion Ratio Lower Upper

96 100

61 141.2 0.0 286.0

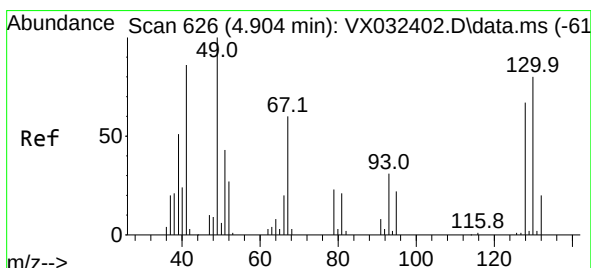
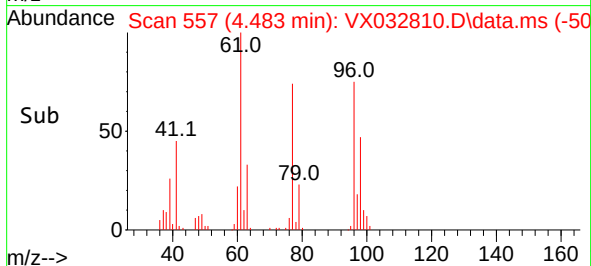
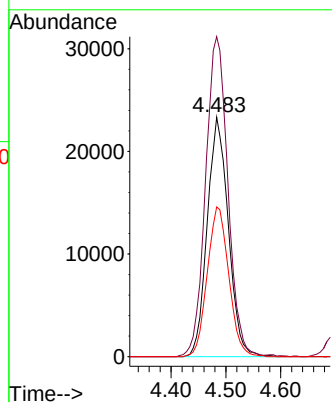
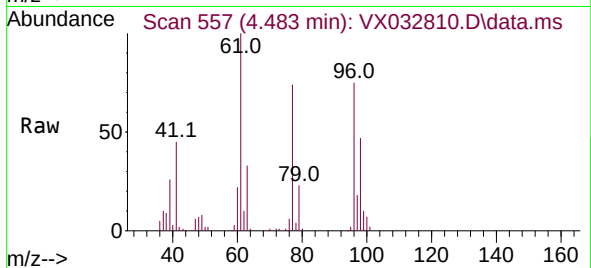
98 63.9 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#28

Bromochloromethane

Concen: 48.666 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX032810.D

Acq: 15 Nov 2022 10:17

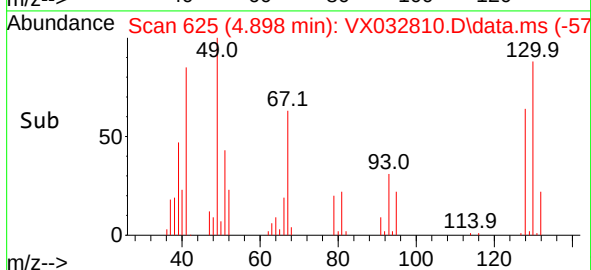
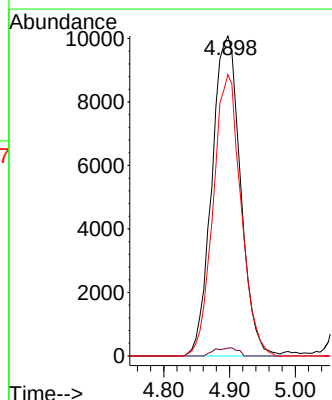
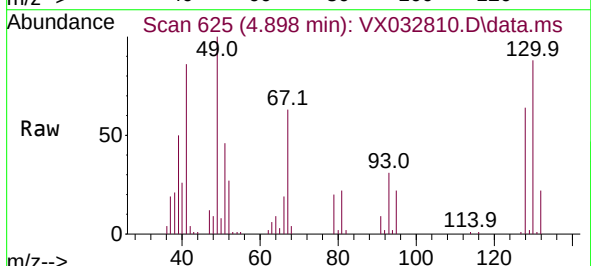
Tgt Ion: 49 Resp: 30414

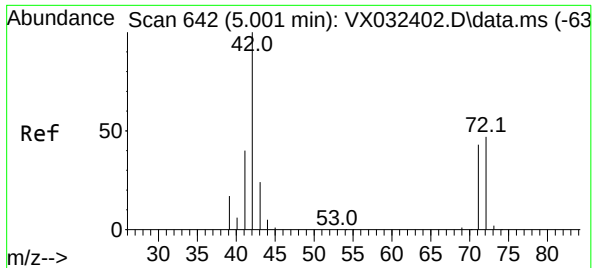
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 85.3 67.5 101.3





#29

Tetrahydrofuran

Concen: 235.097 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX032810.D

Acq: 15 Nov 2022 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 103462

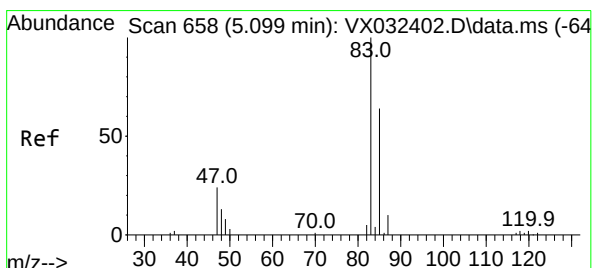
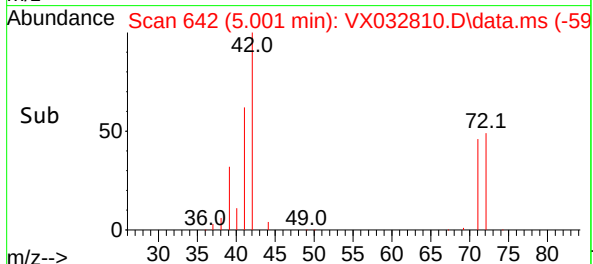
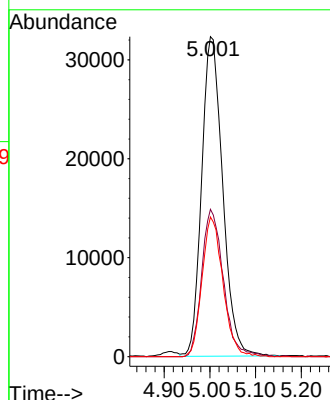
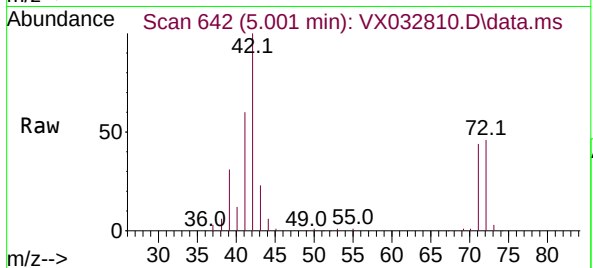
Ion	Ratio	Lower	Upper
42	100		
72	47.2	37.6	56.4
71	43.3	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#30

Chloroform

Concen: 56.690 ug/l

RT: 5.093 min Scan# 657

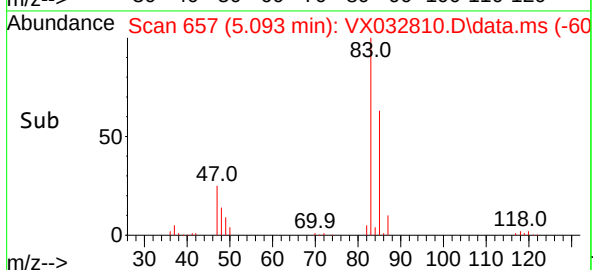
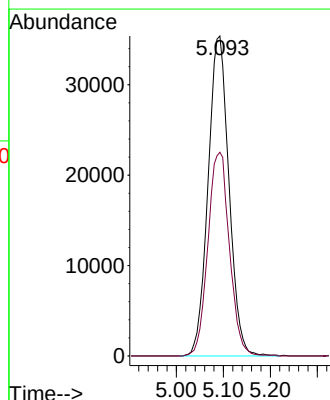
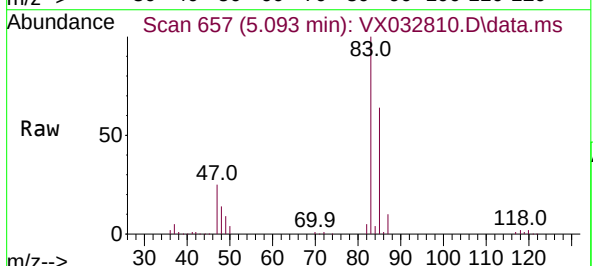
Delta R.T. -0.006 min

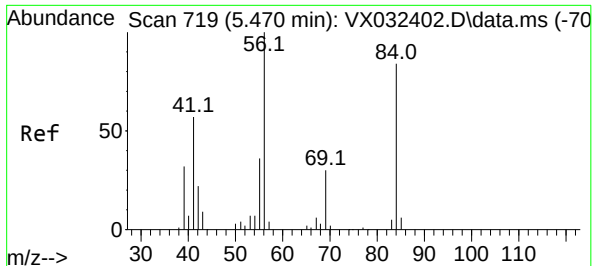
Lab File: VX032810.D

Acq: 15 Nov 2022 10:17

Tgt Ion: 83 Resp: 109141

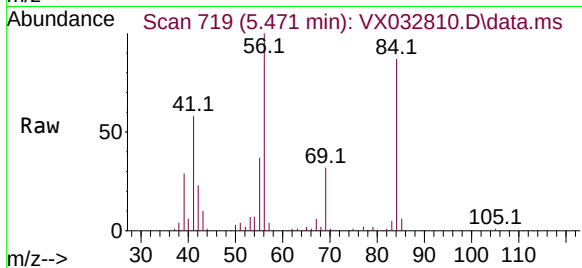
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.1	76.7





#31
Cyclohexane
Concen: 49.993 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

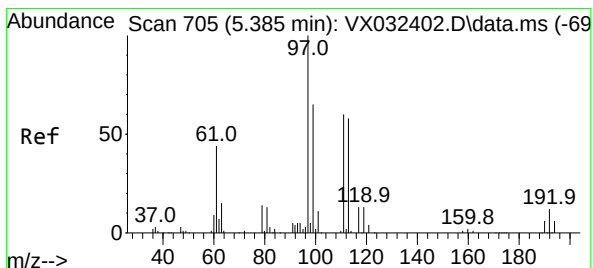
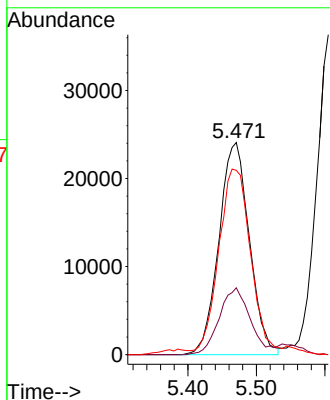
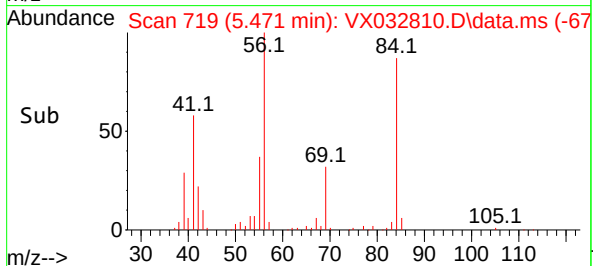
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 74297
Ion Ratio Lower Upper
56 100
69 31.5 24.1 36.1
84 84.2 66.9 100.3

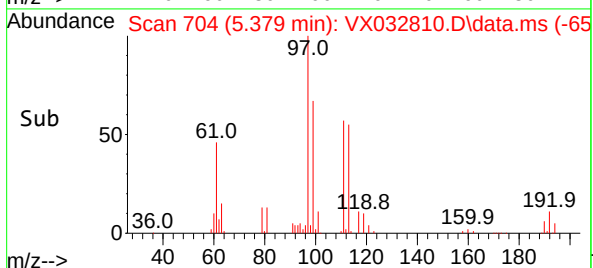
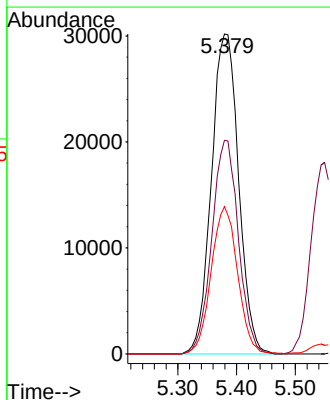
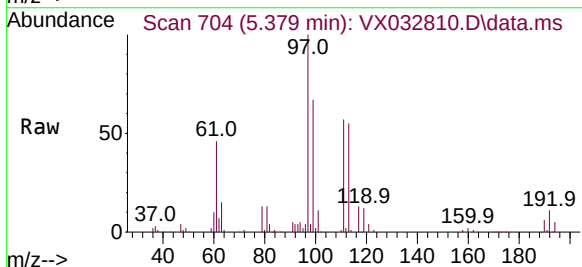
Manual Integrations
APPROVED

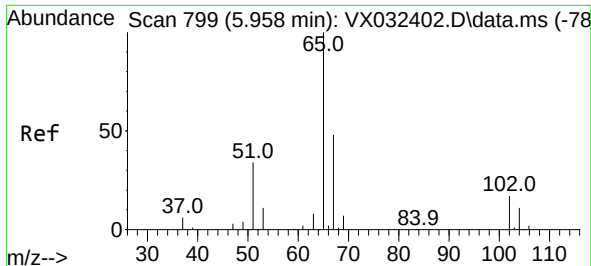
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#32
1,1,1-Trichloroethane
Concen: 56.129 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

Tgt Ion: 97 Resp: 96970
Ion Ratio Lower Upper
97 100
99 65.2 51.4 77.0
61 44.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 48.793 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032810.D

Acq: 15 Nov 2022 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 5980

Ion Ratio Lower Upper

65 100

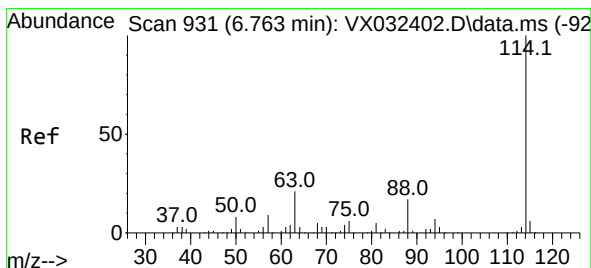
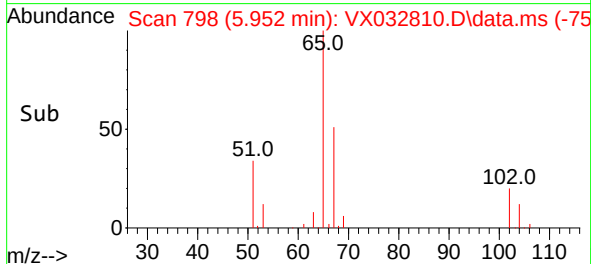
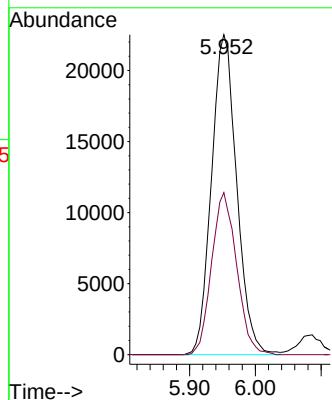
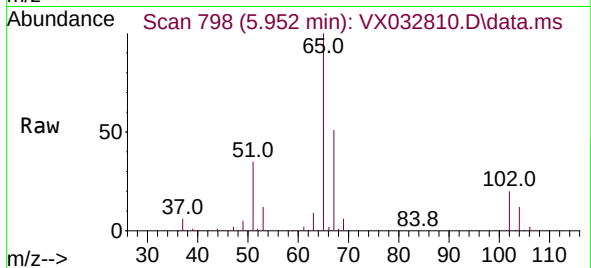
67 50.2 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX032810.D

Acq: 15 Nov 2022 10:17

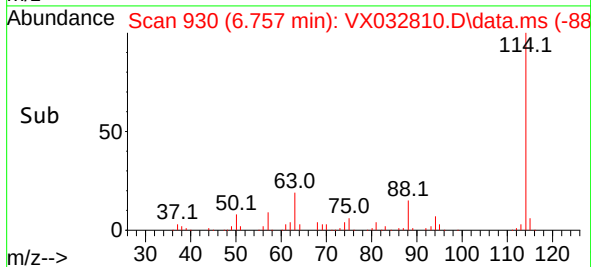
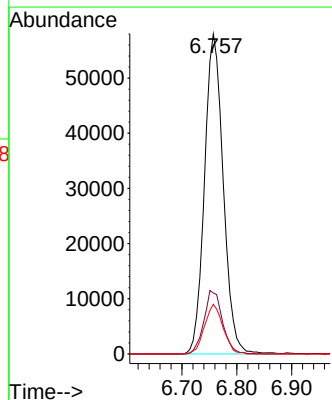
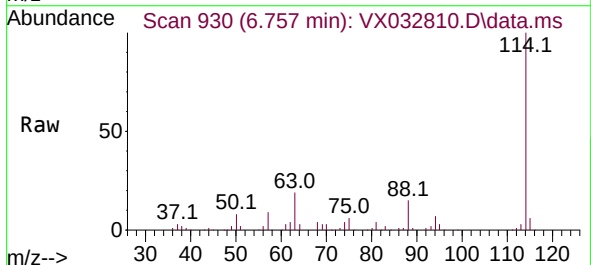
Tgt Ion:114 Resp: 137707

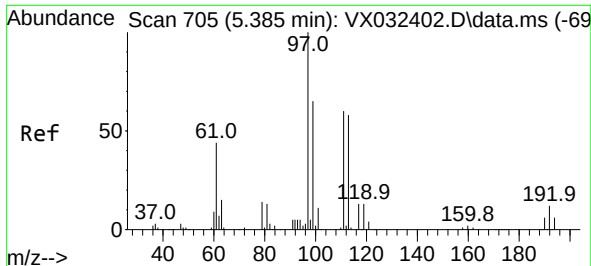
Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.6

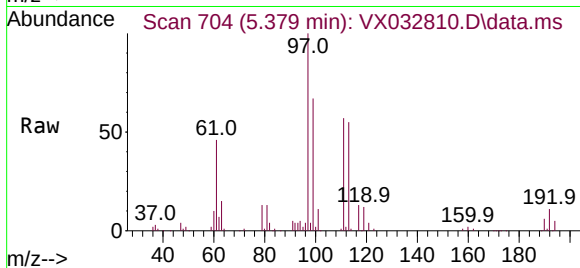
88 15.5 0.0 33.4





#35
Dibromofluoromethane
Concen: 50.594 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

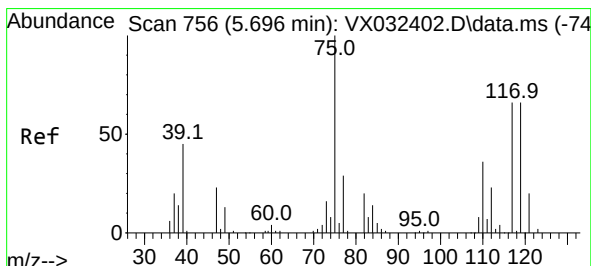
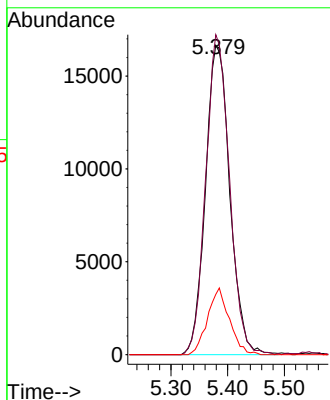
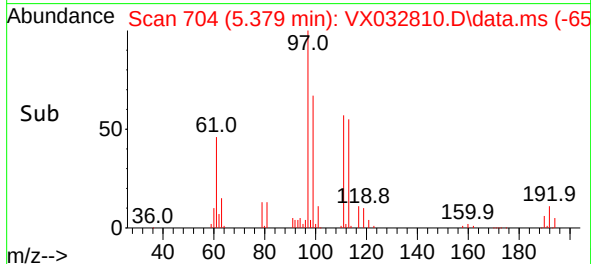
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



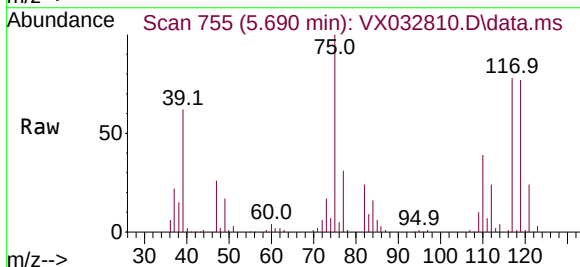
Tgt Ion: 113 Resp: 4969
Ion Ratio Lower Upper
113 100
111 100.8 82.4 123.6
192 19.3 15.4 23.2

Manual Integrations
APPROVED

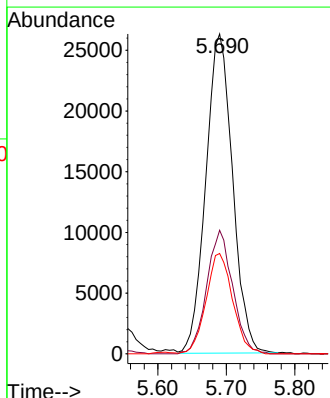
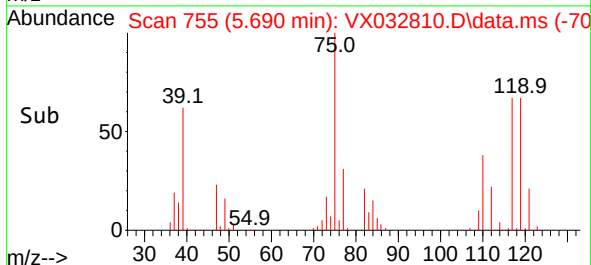
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

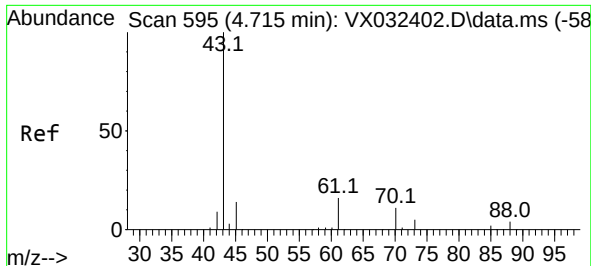


#36
1,1-Dichloropropene
Concen: 52.289 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17



Tgt Ion: 75 Resp: 71525
Ion Ratio Lower Upper
75 100
110 37.4 18.4 55.2
77 31.2 24.5 36.7





#37

Ethyl Acetate

Concen: 47.344 ug/l

RT: 4.709 min Scan# 59

Delta R.T. -0.006 min

Lab File: VX032810.D

Acq: 15 Nov 2022 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 67409

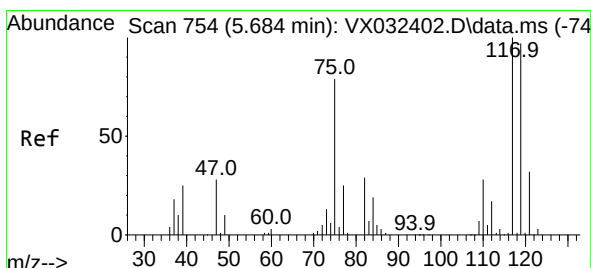
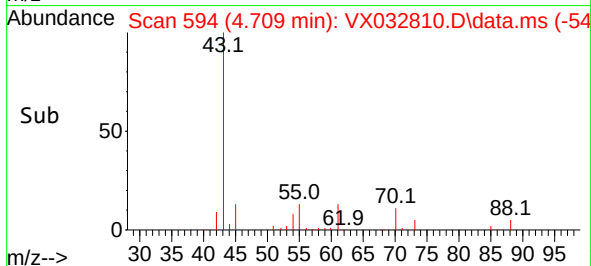
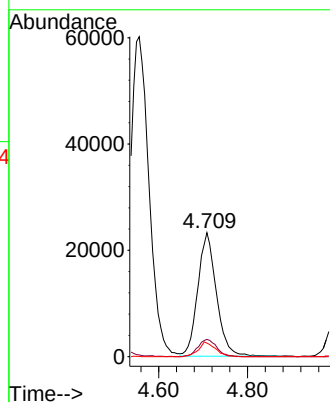
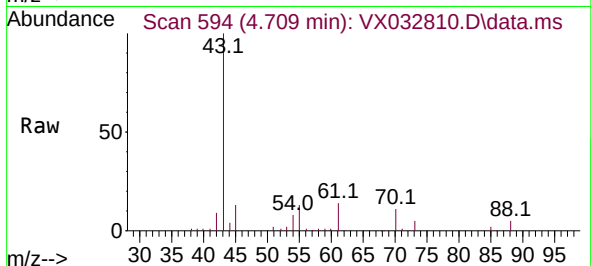
Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.5	17.3
70	10.6	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#38

Carbon Tetrachloride

Concen: 57.256 ug/l

RT: 5.678 min Scan# 753

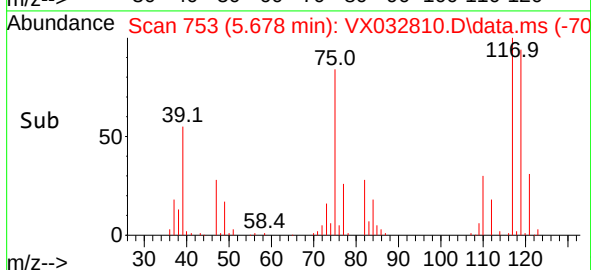
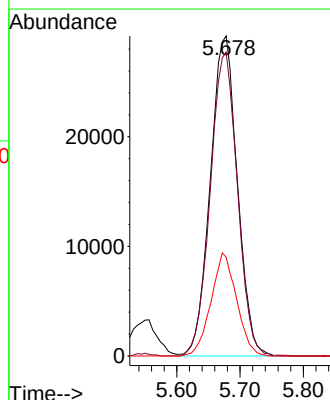
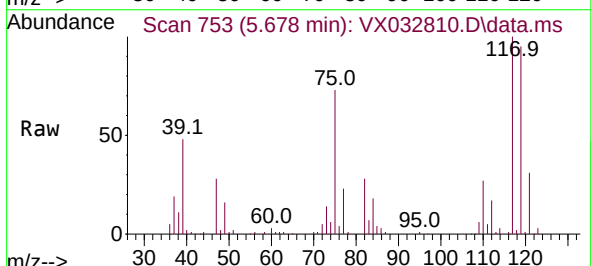
Delta R.T. -0.006 min

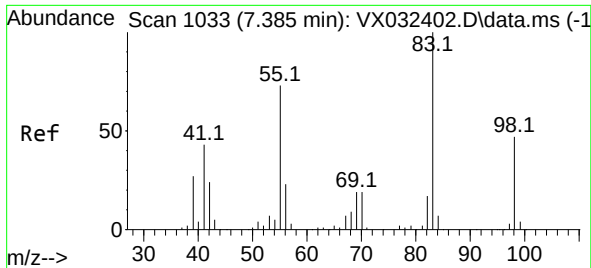
Lab File: VX032810.D

Acq: 15 Nov 2022 10:17

Tgt Ion:117 Resp: 86866

Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.2	115.8
121	30.9	25.8	38.6





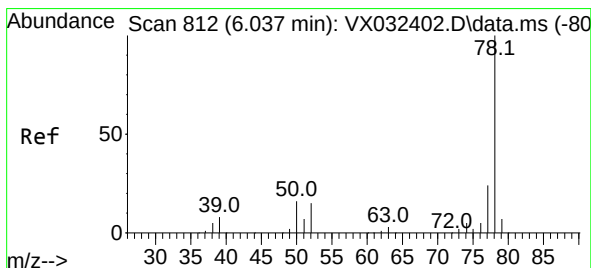
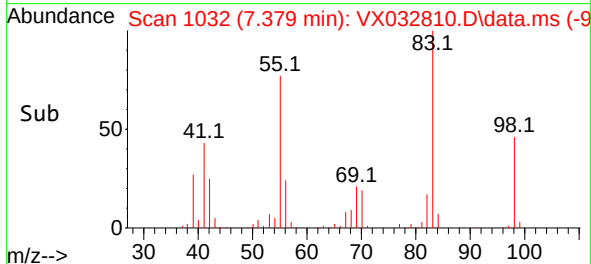
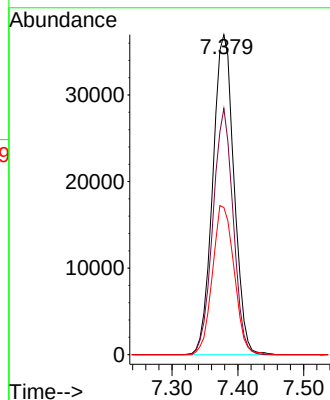
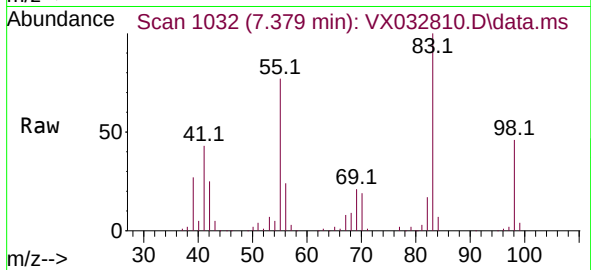
#39
Methylcyclohexane
Concen: 51.077 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 82663
Ion Ratio Lower Upper
83 100
55 76.9 58.4 87.6
98 46.0 37.2 55.8

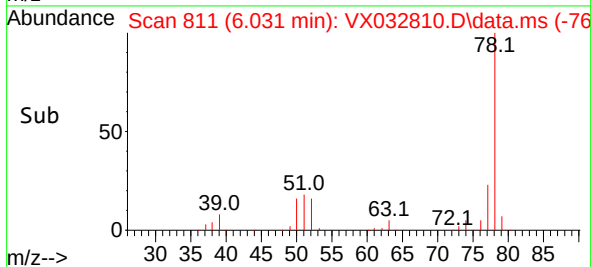
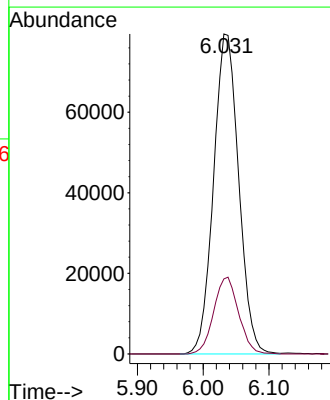
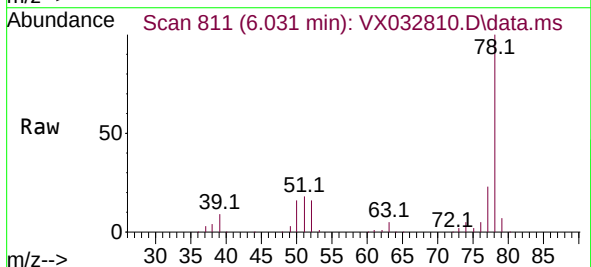
Manual Integrations
APPROVED

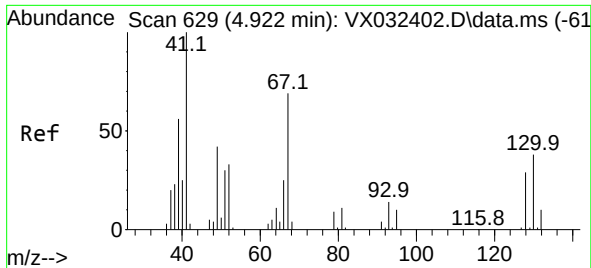
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#40
Benzene
Concen: 54.243 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

Tgt Ion: 78 Resp: 209966
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4





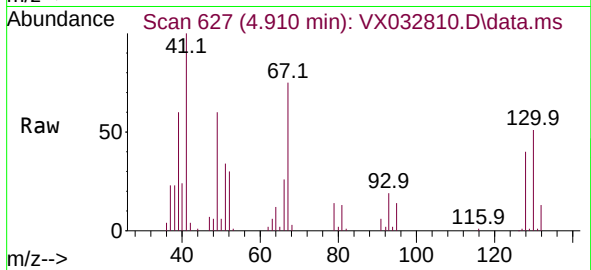
#41
Methacrylonitrile
Concen: 53.674 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

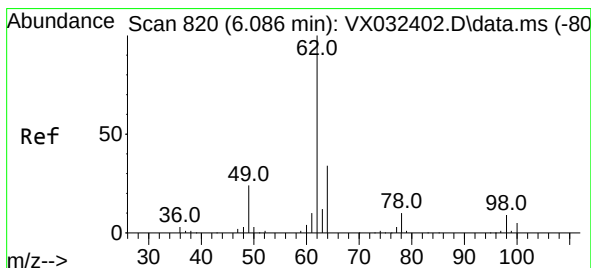
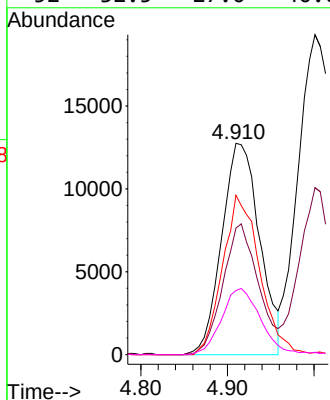
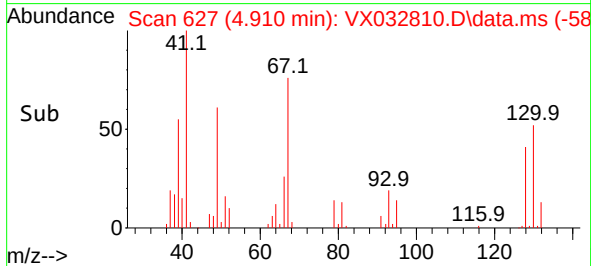


Tgt Ion: 41 Resp: 3893
Ion Ratio Lower Upper
41 100
39 57.9 47.5 71.3
67 73.4 60.5 90.7
52 32.5 27.0 40.6

Manual Integrations

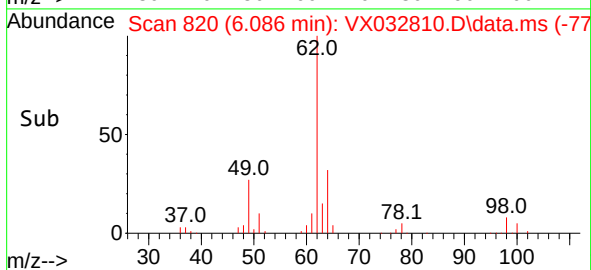
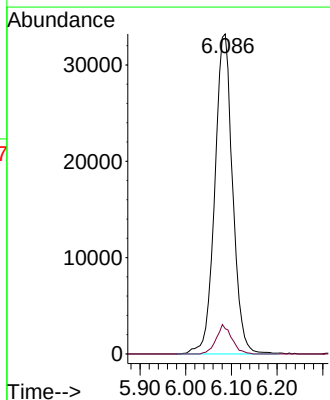
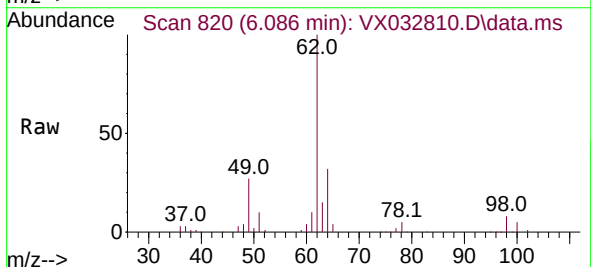
APPROVED

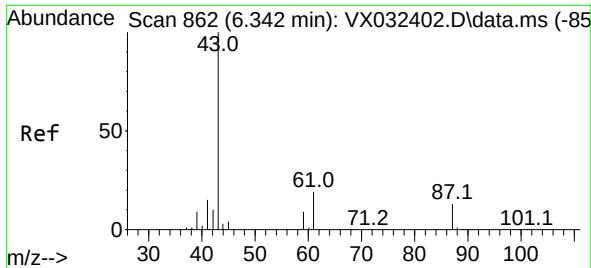
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#42
1,2-Dichloroethane
Concen: 56.806 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

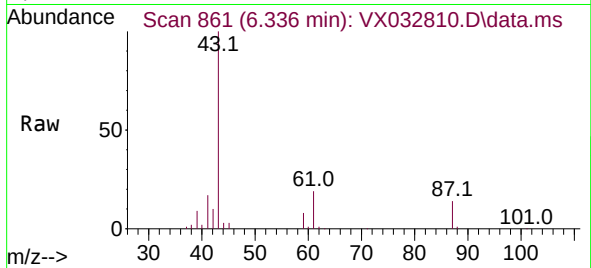
Tgt Ion: 62 Resp: 89885
Ion Ratio Lower Upper
62 100
98 8.0 0.0 16.0





#43
Isopropyl Acetate
Concen: 52.144 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

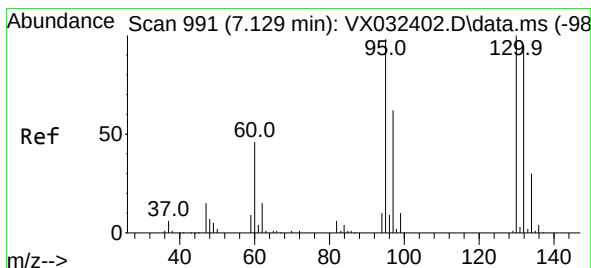
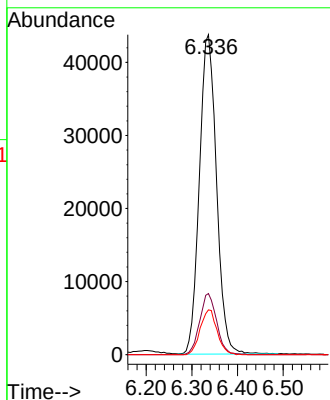
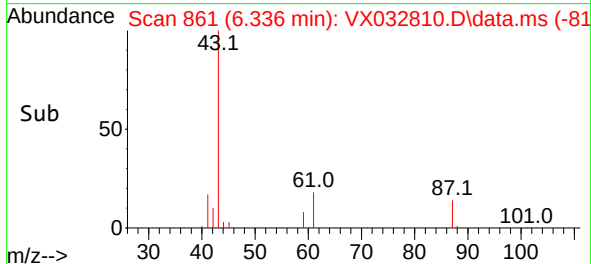
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 113995
Ion Ratio Lower Upper
43 100
61 18.8 15.4 23.0
87 13.8 10.8 16.2

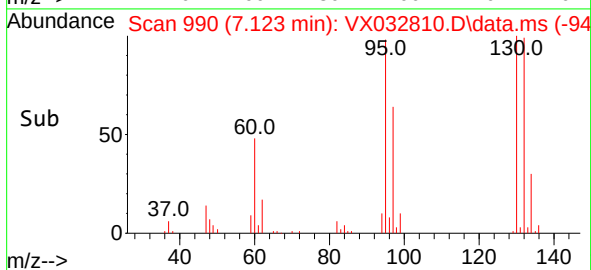
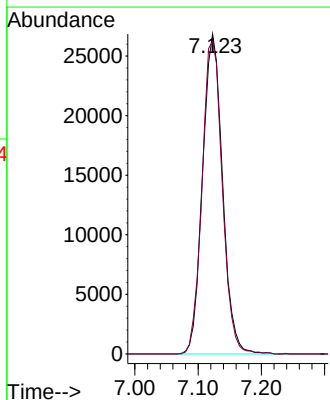
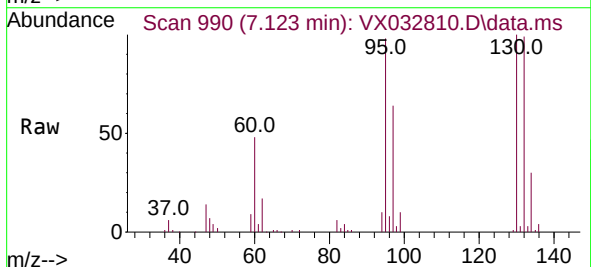
Manual Integrations
APPROVED

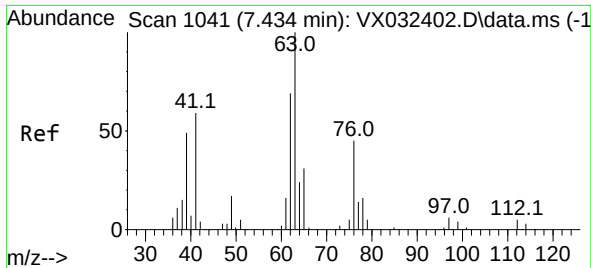
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#44
Trichloroethene
Concen: 53.889 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

Tgt Ion:130 Resp: 58721
Ion Ratio Lower Upper
130 100
95 97.7 0.0 195.2





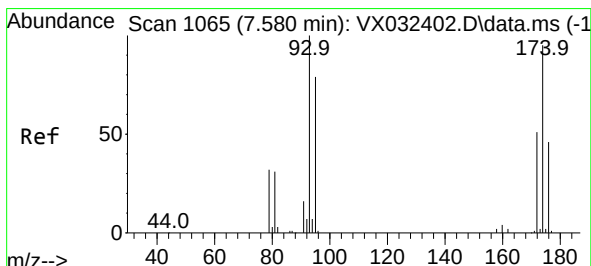
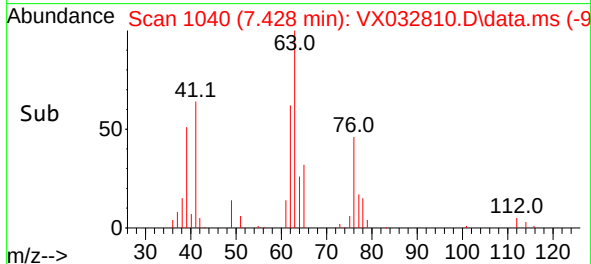
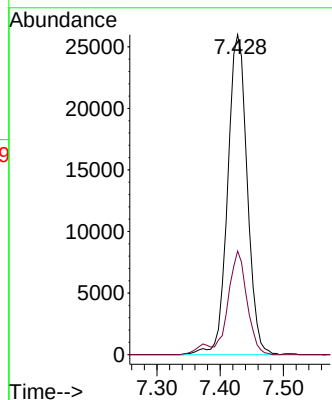
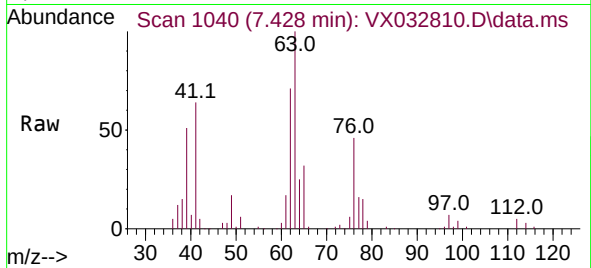
#45
1,2-Dichloropropane
Concen: 56.018 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 55662
Ion Ratio Lower Upper
63 100
65 32.4 24.6 36.8

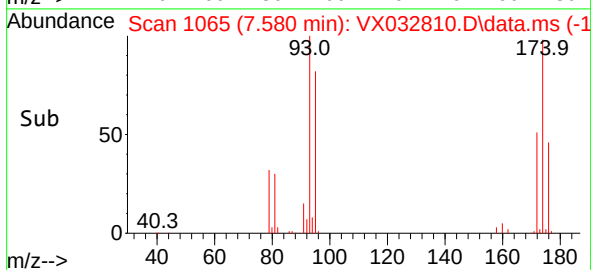
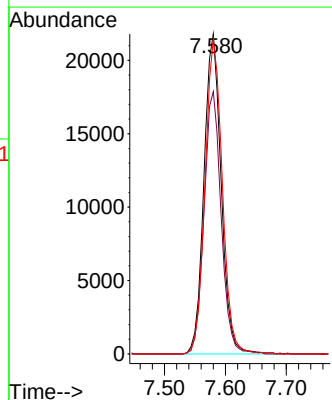
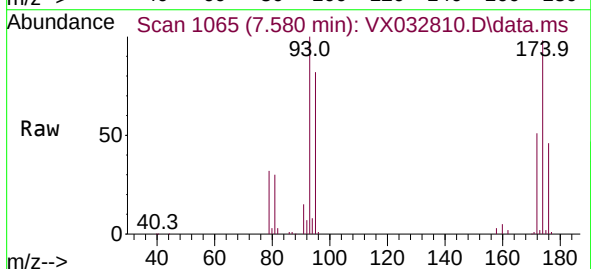
Manual Integrations
APPROVED

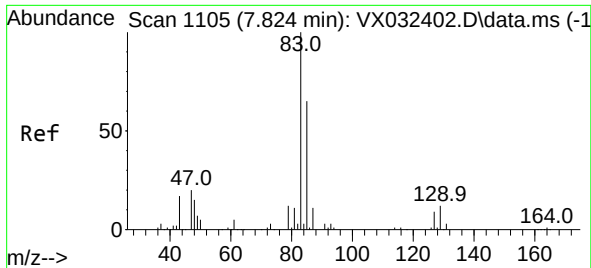
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#46
Dibromomethane
Concen: 55.971 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

Tgt Ion: 93 Resp: 42652
Ion Ratio Lower Upper
93 100
95 81.6 65.8 98.8
174 99.1 79.8 119.6





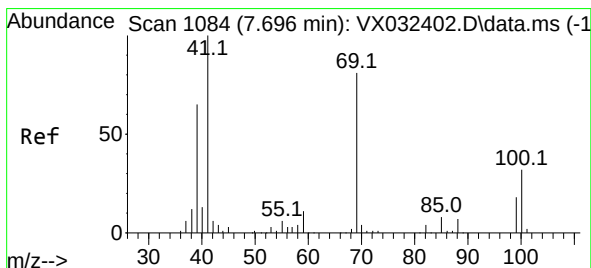
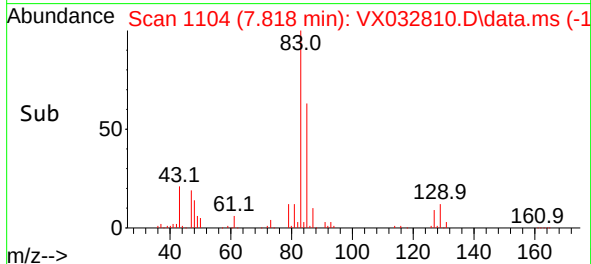
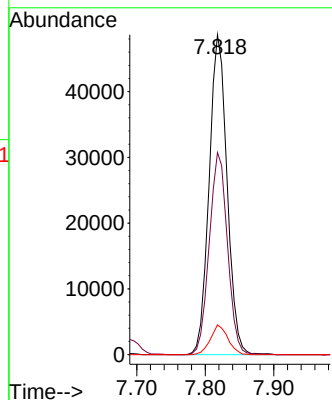
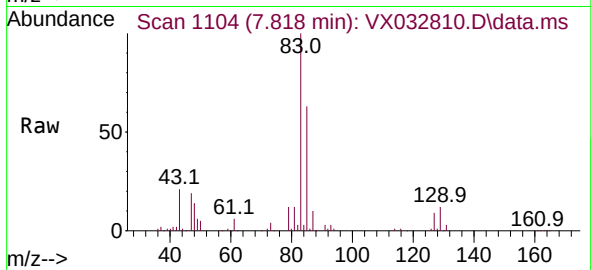
#47
Bromodichloromethane
Concen: 61.065 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 88195
Ion Ratio Lower Upper
83 100
85 63.2 52.2 78.4
127 9.3 7.4 11.2

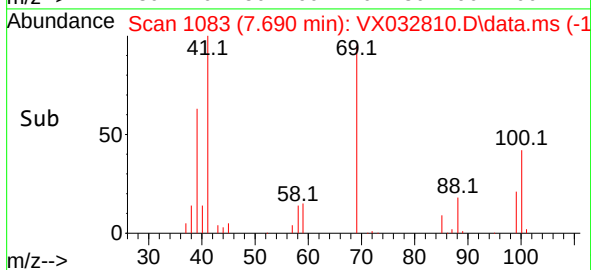
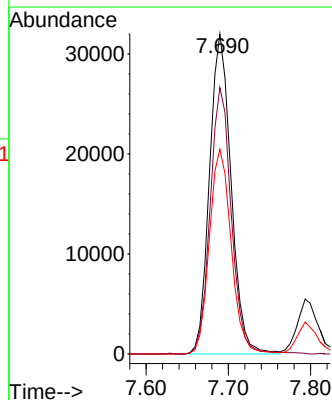
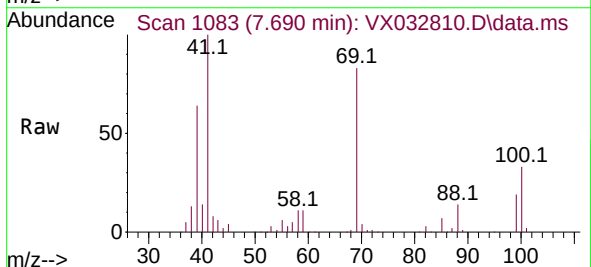
Manual Integrations
APPROVED

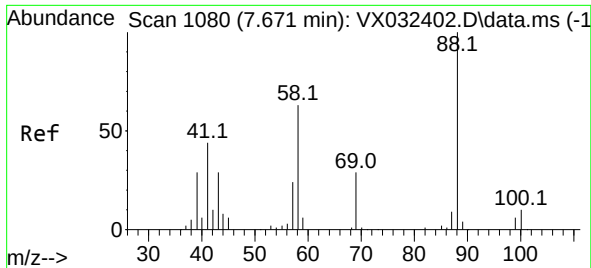
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#48
Methyl methacrylate
Concen: 51.637 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

Tgt Ion: 41 Resp: 58302
Ion Ratio Lower Upper
41 100
69 81.9 65.1 97.7
39 64.8 51.9 77.9





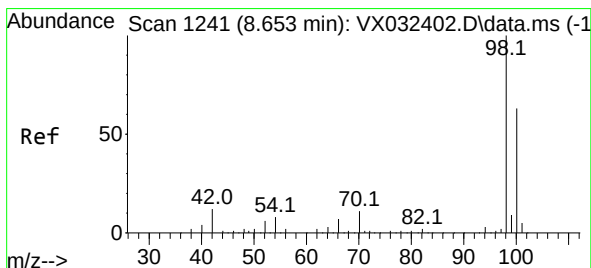
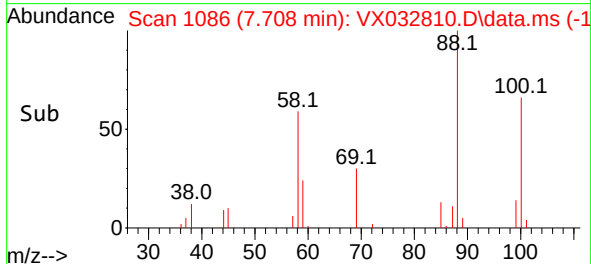
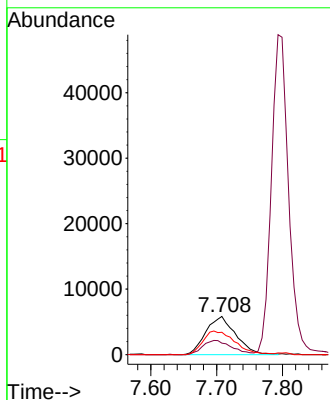
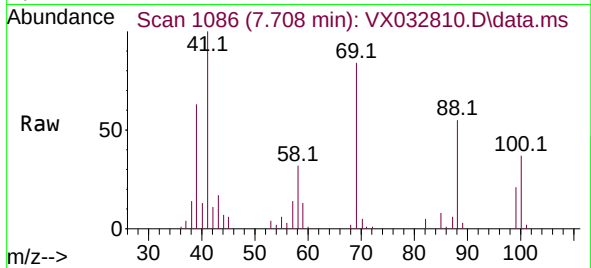
#49
1,4-Dioxane
Concen: 850.903 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.037 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 18309
Ion Ratio Lower Upper
88 100
43 36.2 26.6 39.8
58 66.1 51.7 77.5

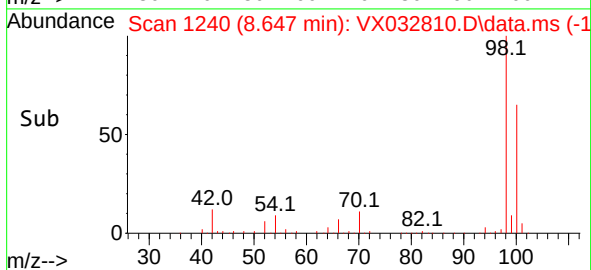
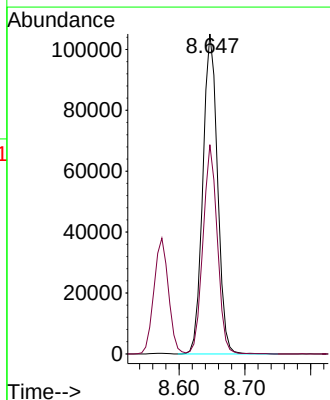
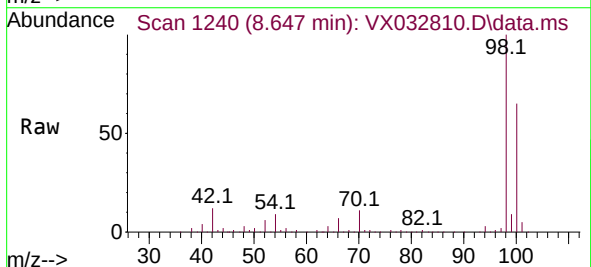
Manual Integrations
APPROVED

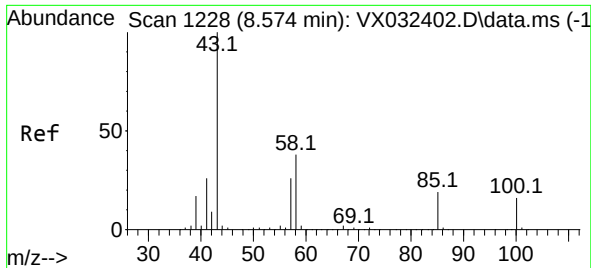
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#50
Toluene-d8
Concen: 47.731 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

Tgt Ion: 98 Resp: 163029
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3





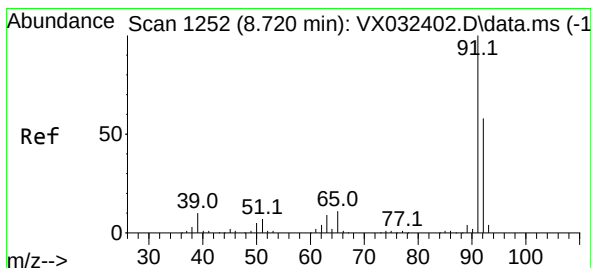
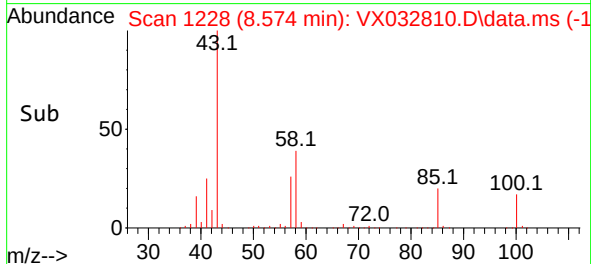
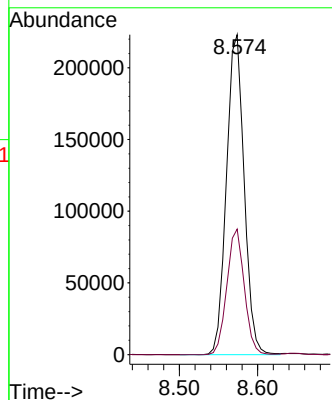
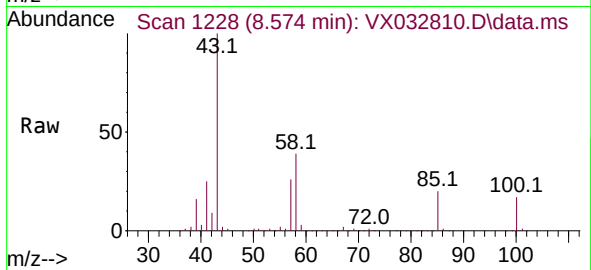
#51
4-Methyl-2-Pentanone
Concen: 254.060 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 34984
Ion Ratio Lower Upper
43 100
58 38.7 30.9 46.3

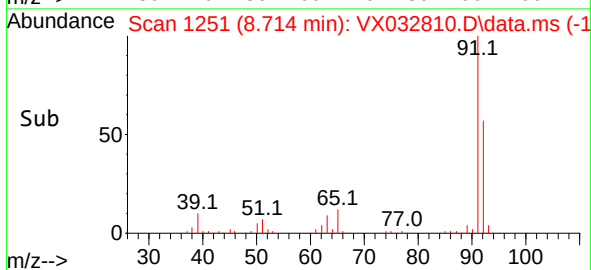
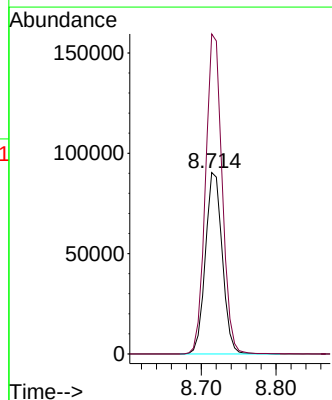
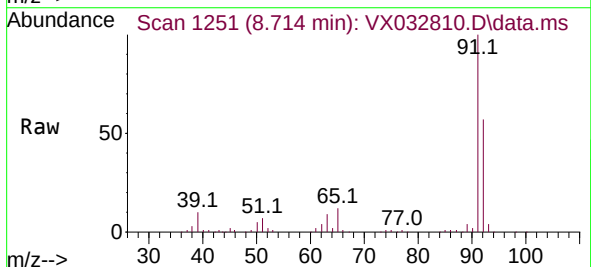
Manual Integrations
APPROVED

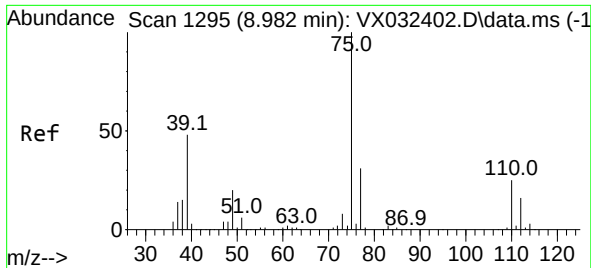
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#52
Toluene
Concen: 55.937 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

Tgt Ion: 92 Resp: 141265
Ion Ratio Lower Upper
92 100
91 173.8 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 60.152 ug/l

RT: 8.976 min Scan# 1295

Delta R.T. -0.006 min

Lab File: VX032810.D

Acq: 15 Nov 2022 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 88640

Ion Ratio Lower Upper

75 100

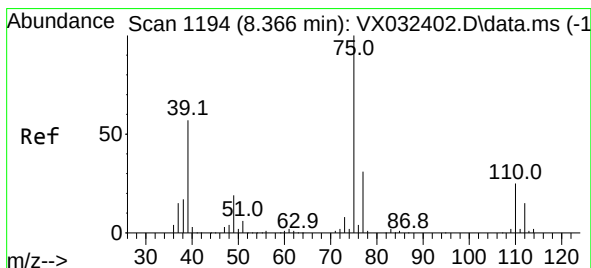
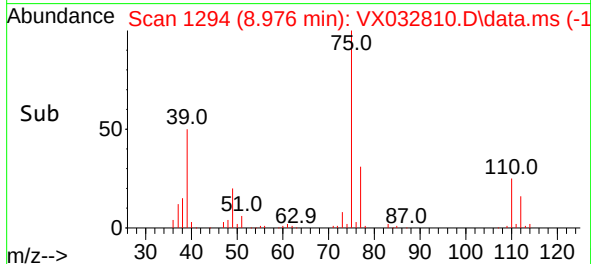
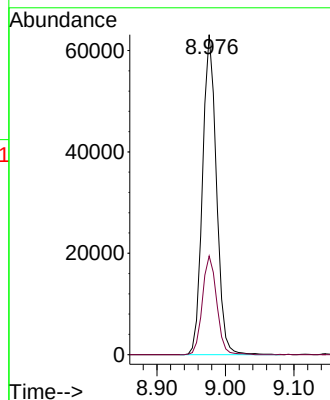
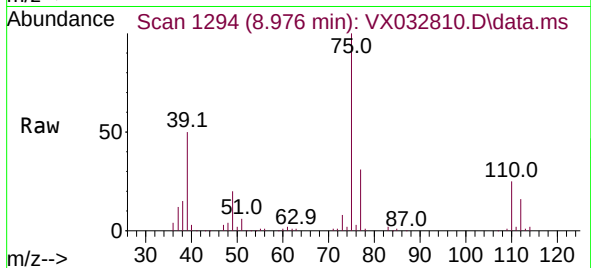
77 30.8 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#54

cis-1,3-Dichloropropene

Concen: 59.109 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032810.D

Acq: 15 Nov 2022 10:17

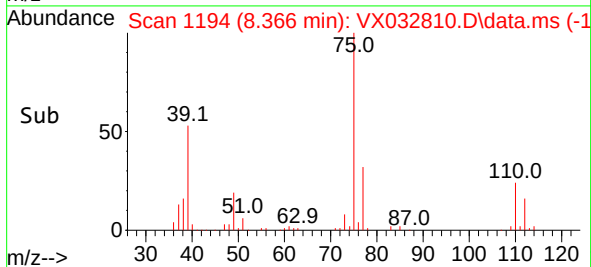
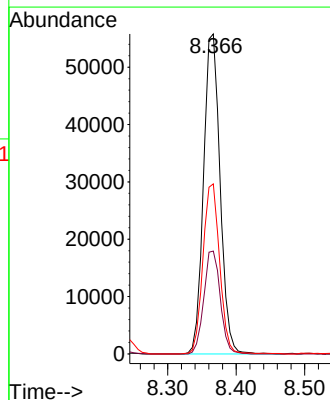
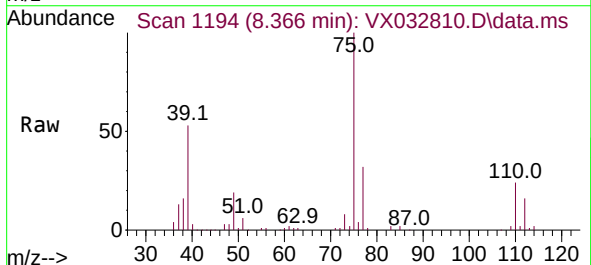
Tgt Ion: 75 Resp: 93163

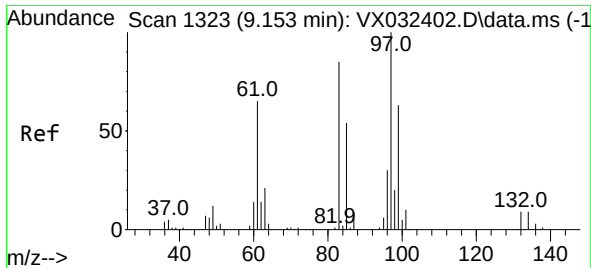
Ion Ratio Lower Upper

75 100

77 32.1 25.1 37.7

39 53.1 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 57.654 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

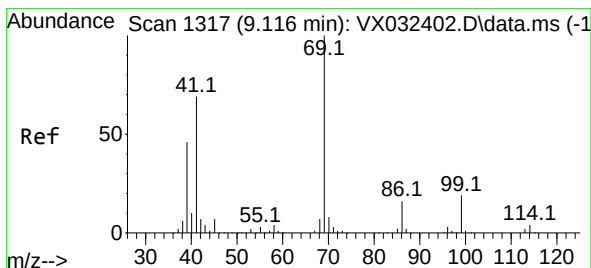
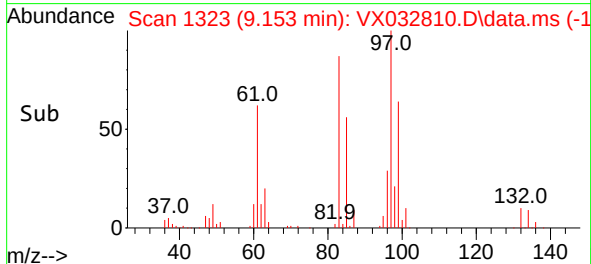
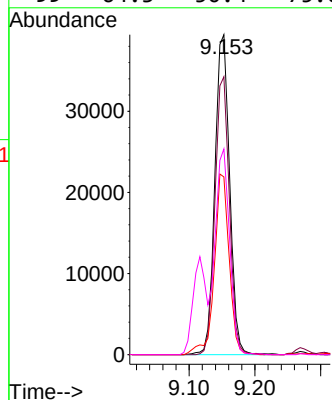
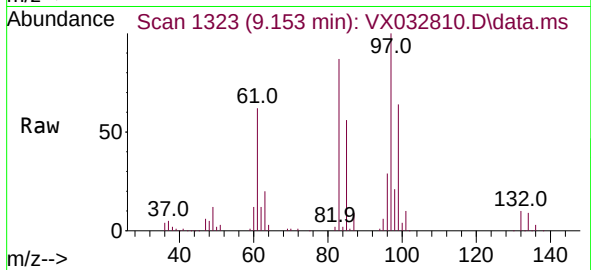
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 61319

Ion	Ratio	Lower	Upper
97	100		
83	86.8	68.1	102.1
85	55.5	43.3	64.9
99	64.3	50.4	75.6

Manual Integrations
APPROVED

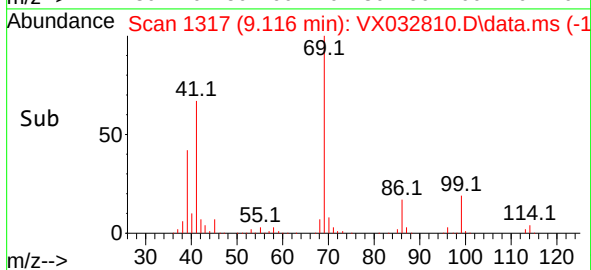
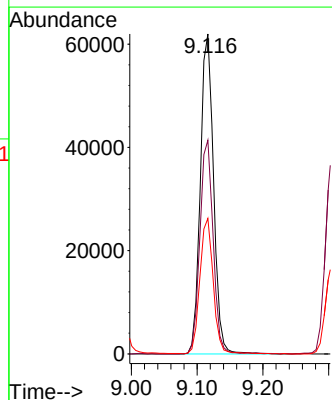
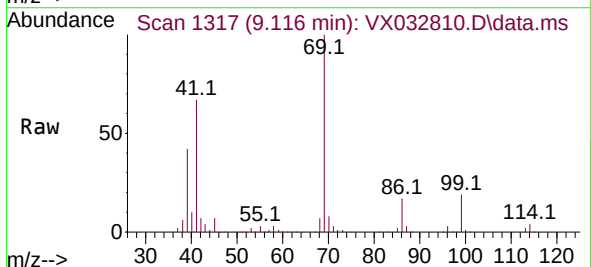
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

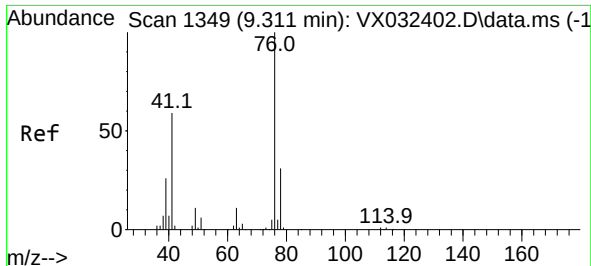


#56
Ethyl methacrylate
Concen: 56.574 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

Tgt Ion: 69 Resp: 86589

Ion	Ratio	Lower	Upper
69	100		
41	66.8	54.3	81.5
39	43.1	35.2	52.8





#57

1,3-Dichloropropane

Concen: 56.631 ug/l

RT: 9.305 min Scan# 1349

Delta R.T. -0.006 min

Lab File: VX032810.D

Acq: 15 Nov 2022 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 97266

Ion Ratio Lower Upper

76 100

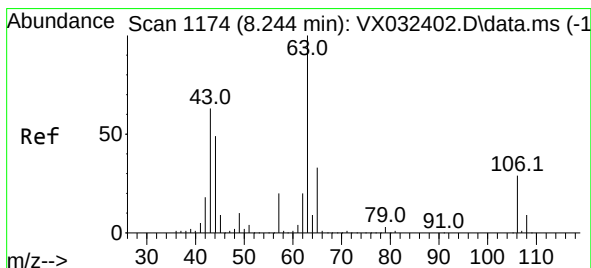
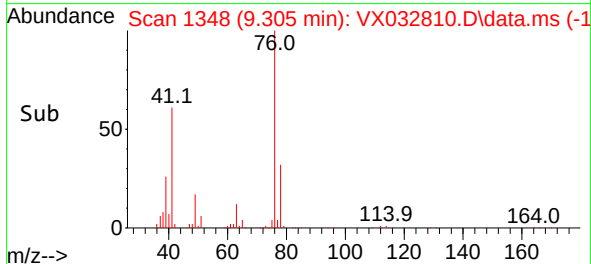
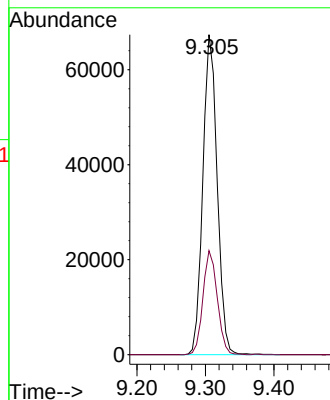
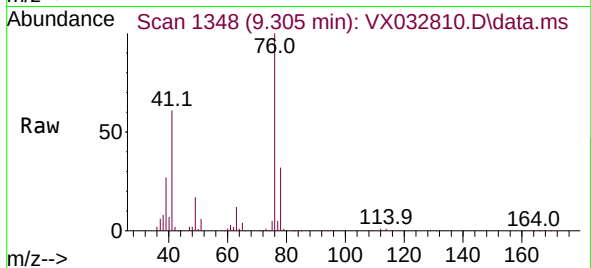
78 32.4 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#58

2-Chloroethyl Vinyl ether

Concen: 273.841 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX032810.D

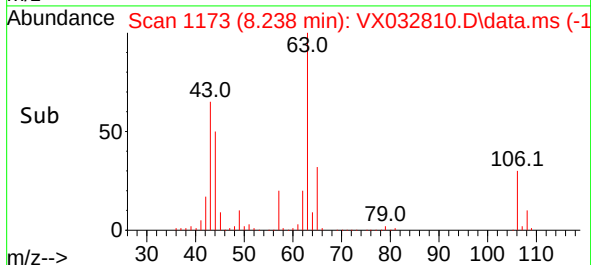
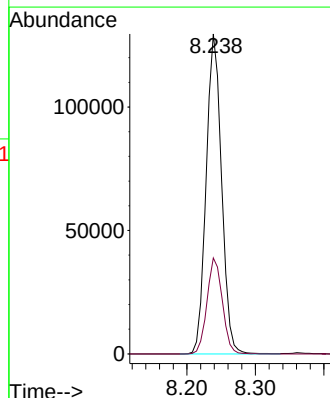
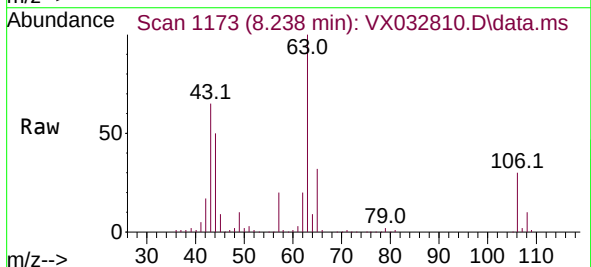
Acq: 15 Nov 2022 10:17

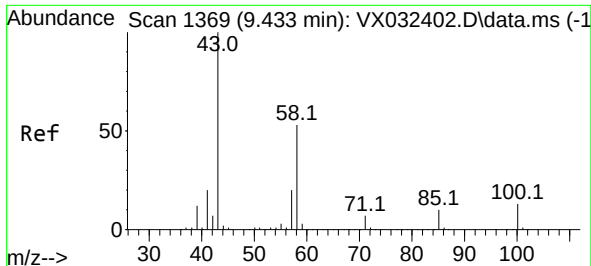
Tgt Ion: 63 Resp: 201815

Ion Ratio Lower Upper

63 100

106 29.8 23.3 34.9





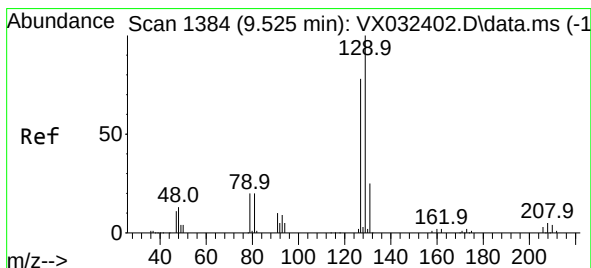
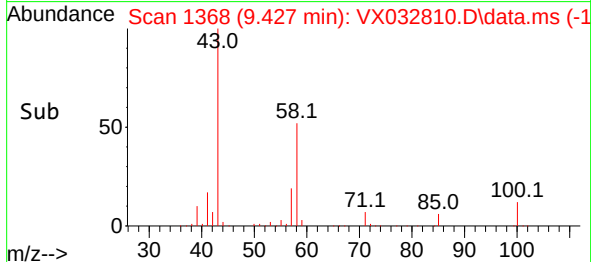
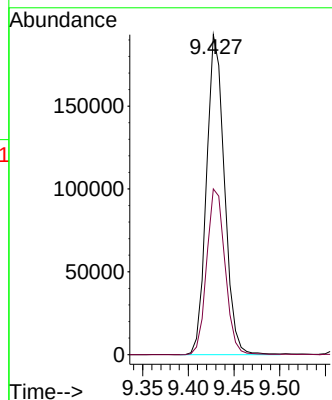
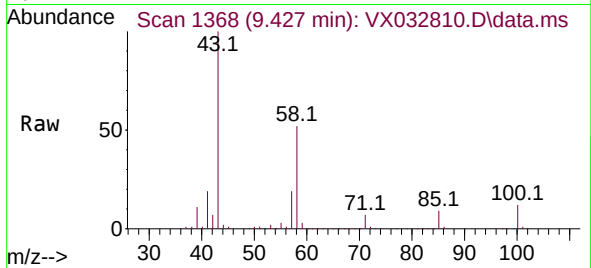
#59
2-Hexanone
Concen: 258.168 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 263784
Ion Ratio Lower Upper
43 100
58 53.0 26.5 79.5

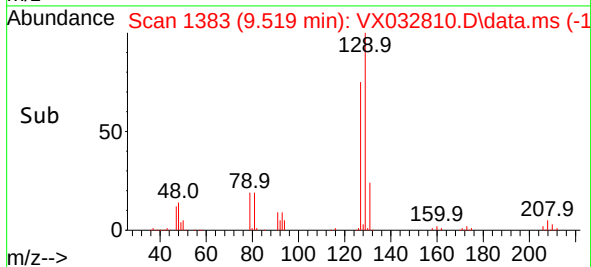
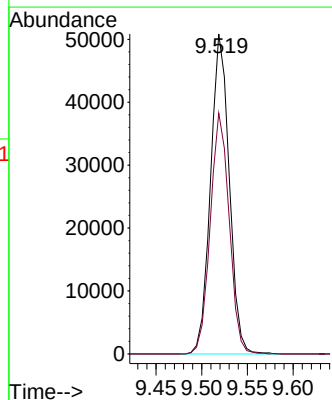
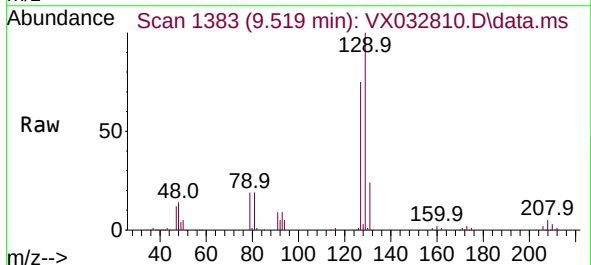
Manual Integrations
APPROVED

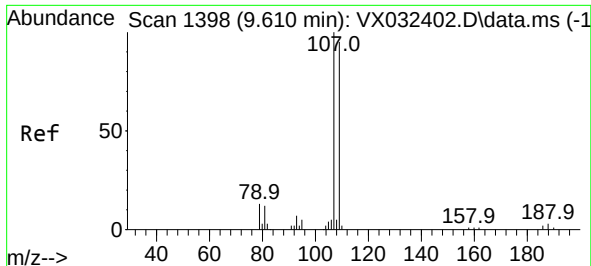
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#60
Dibromochloromethane
Concen: 62.203 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

Tgt Ion:129 Resp: 72261
Ion Ratio Lower Upper
129 100
127 76.1 38.6 115.8





#61
1,2-Dibromoethane
Concen: 56.765 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

Instrument :

MSVOA_X

ClientSampleId :

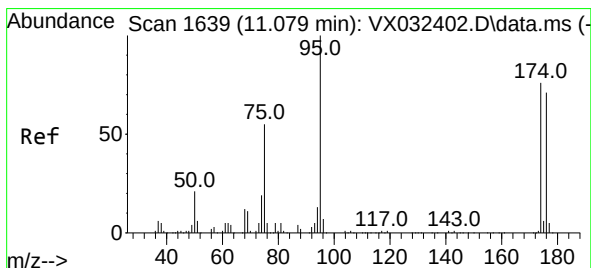
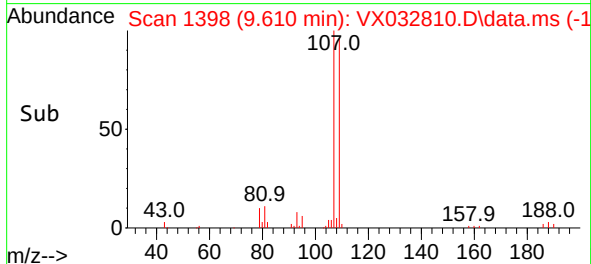
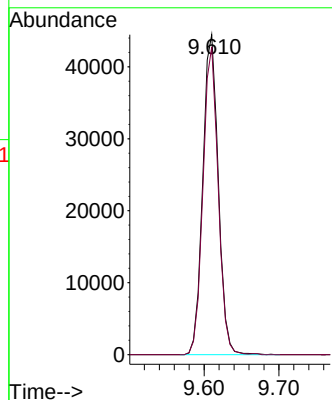
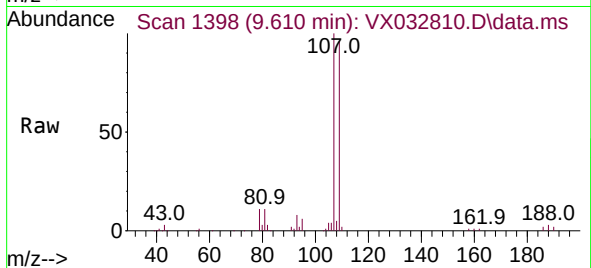
VSTDCCC050

Tgt Ion:107 Resp: 6397
Ion Ratio Lower Upper
107 100
109 94.2 76.0 114.0

Manual Integrations

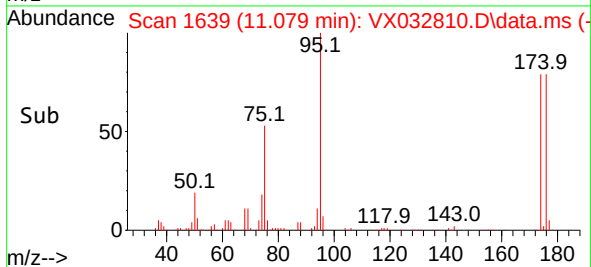
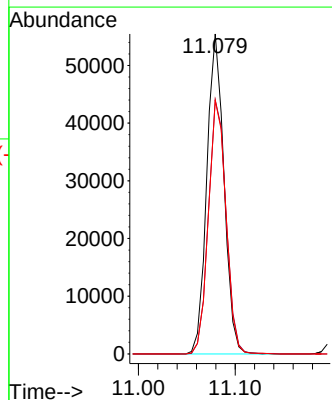
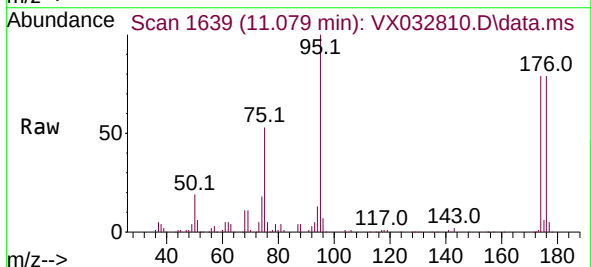
APPROVED

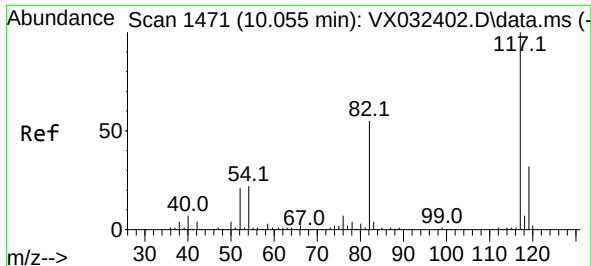
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#62
4-Bromofluorobenzene
Concen: 50.942 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

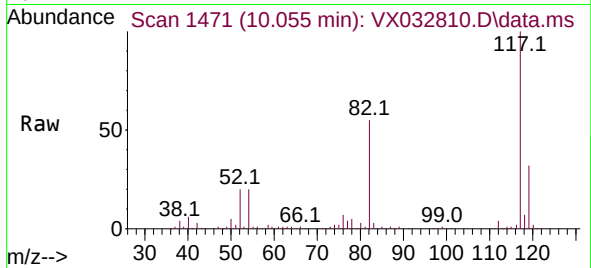
Tgt Ion: 95 Resp: 67967
Ion Ratio Lower Upper
95 100
174 82.0 0.0 164.0
176 81.3 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

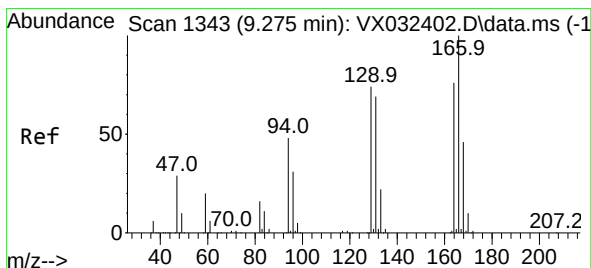
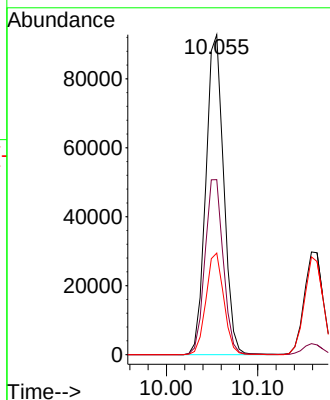
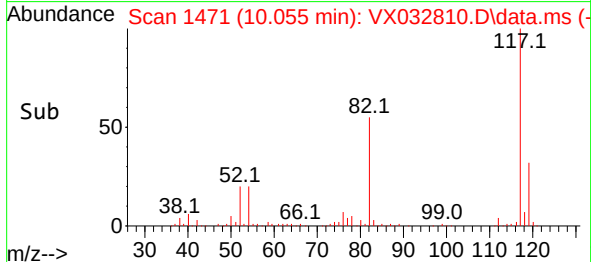
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 126003
Ion Ratio Lower Upper
117 100
82 54.7 44.3 66.5
119 31.7 25.7 38.5

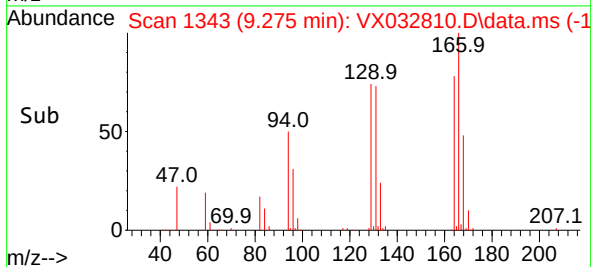
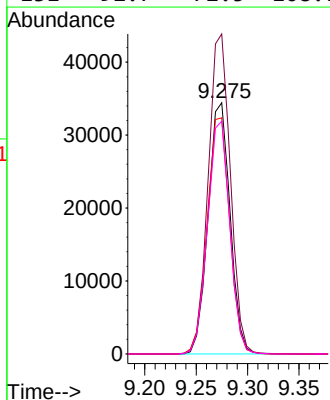
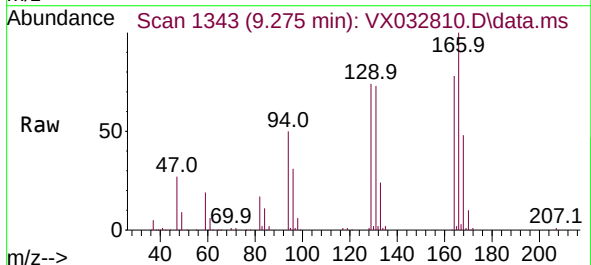
Manual Integrations
APPROVED

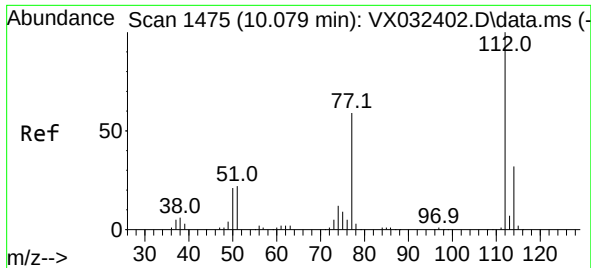
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#64
Tetrachloroethene
Concen: 55.477 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

Tgt Ion:164 Resp: 51164
Ion Ratio Lower Upper
164 100
166 127.4 105.4 158.2
129 94.1 78.2 117.2
131 92.7 72.5 108.7





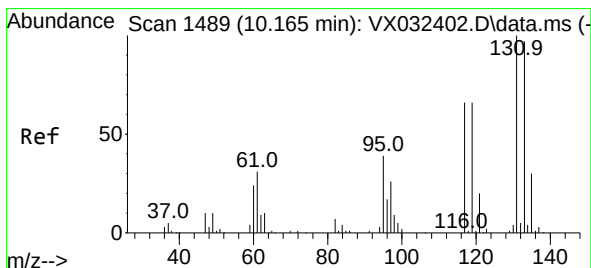
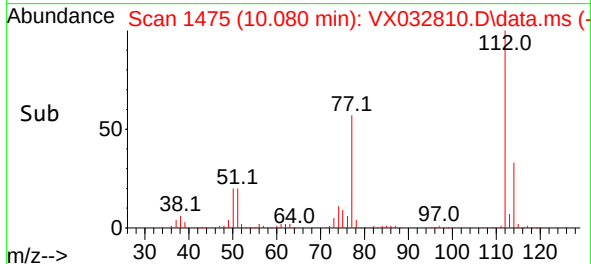
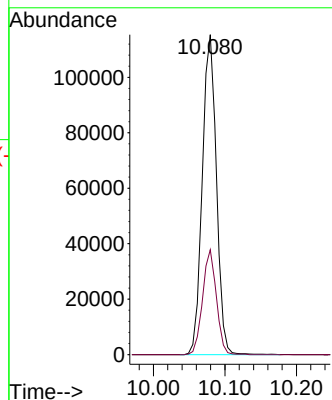
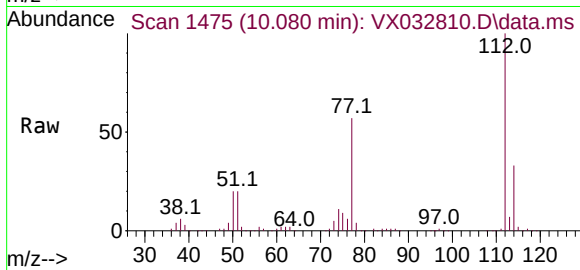
#65
Chlorobenzene
Concen: 55.982 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 158012
Ion Ratio Lower Upper
112 100
114 32.8 25.4 38.2

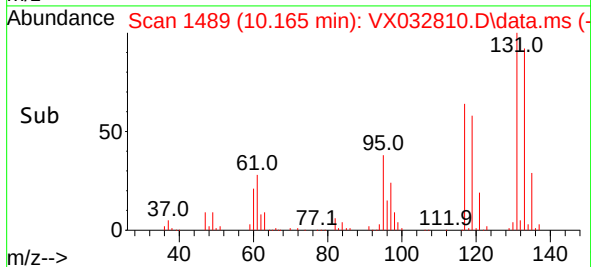
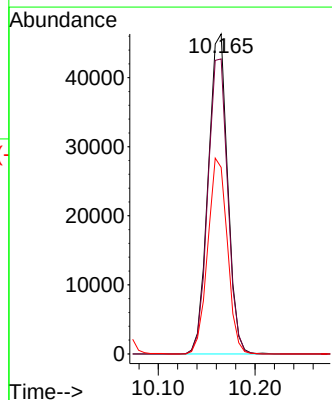
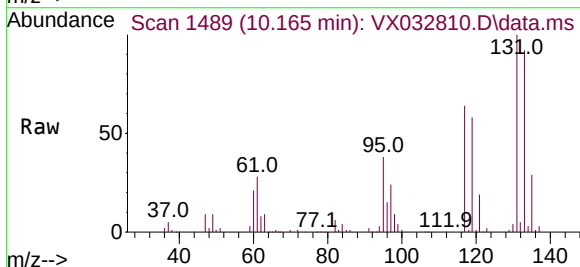
Manual Integrations
APPROVED

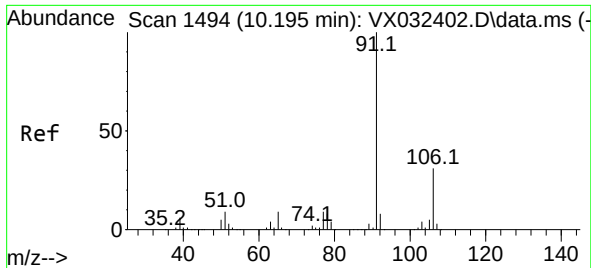
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 60.901 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

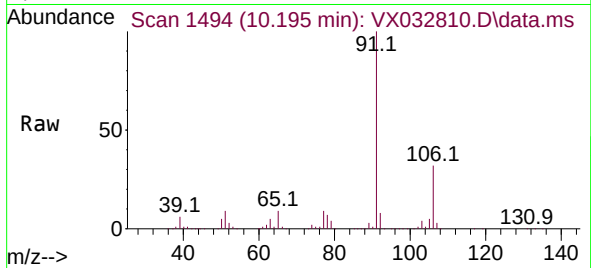
Tgt Ion:131 Resp: 64694
Ion Ratio Lower Upper
131 100
133 94.1 47.6 142.9
119 61.5 32.4 97.0





#67
Ethyl Benzene
Concen: 56.844 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

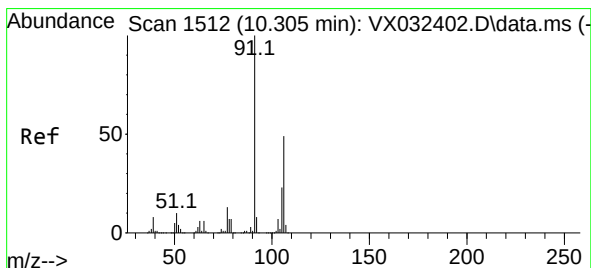
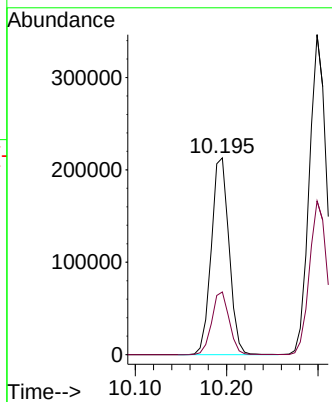
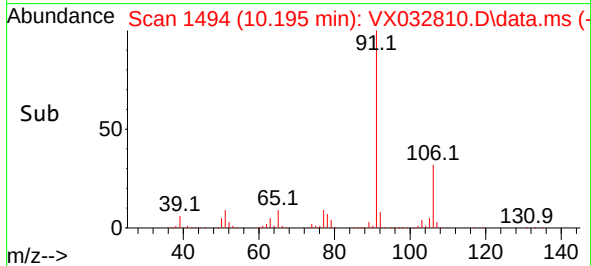
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



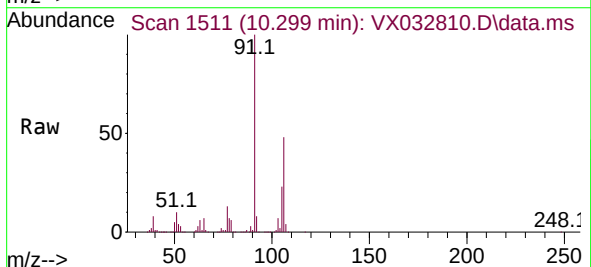
Tgt Ion: 91 Resp: 286913
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.6

Manual Integrations
APPROVED

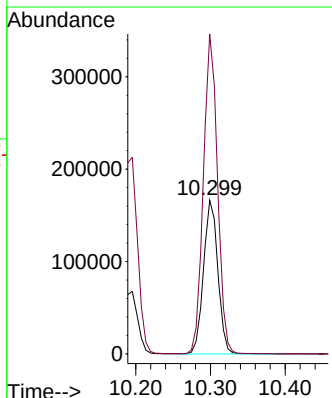
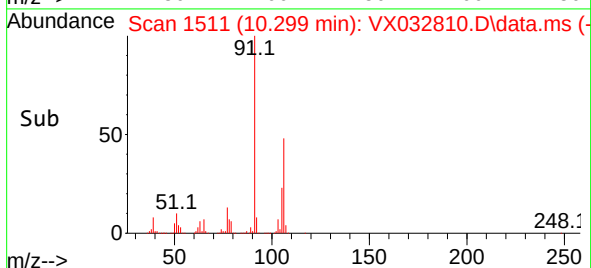
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

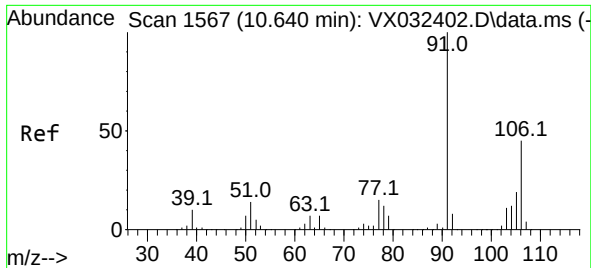


#68
m/p-Xylenes
Concen: 112.919 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17



Tgt Ion:106 Resp: 221313
Ion Ratio Lower Upper
106 100
91 205.3 164.5 246.7





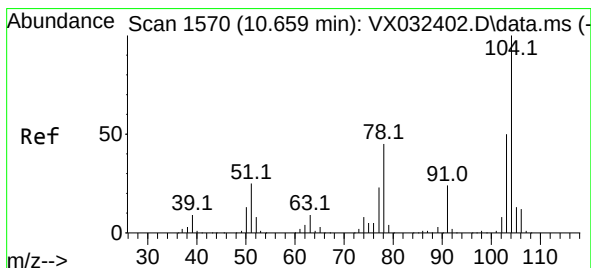
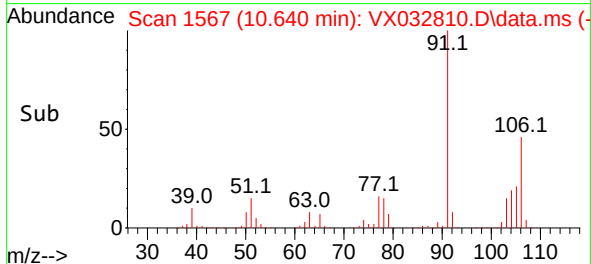
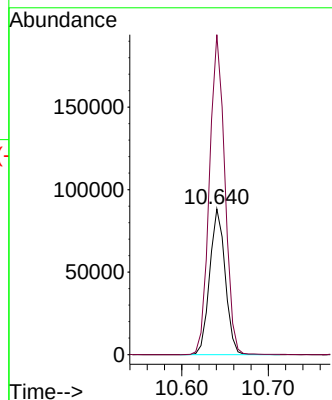
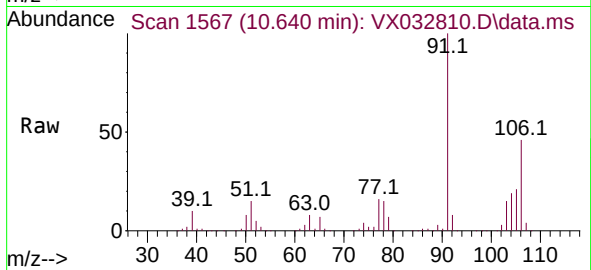
#69
o-Xylene
Concen: 57.475 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 109523
Ion Ratio Lower Upper
106 100
91 218.5 109.2 327.6

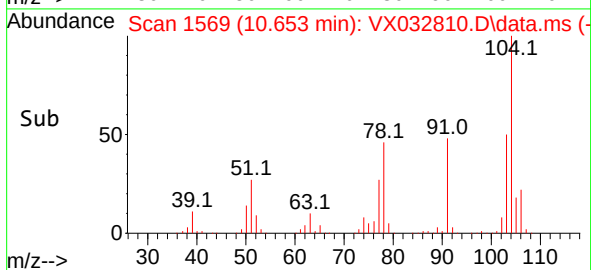
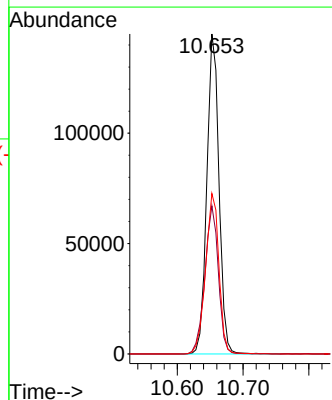
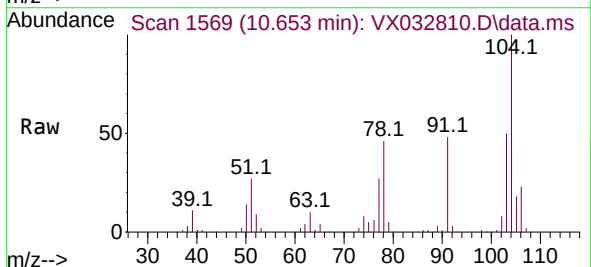
Manual Integrations
APPROVED

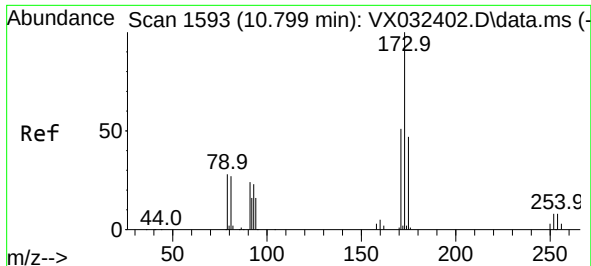
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#70
Styrene
Concen: 58.762 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

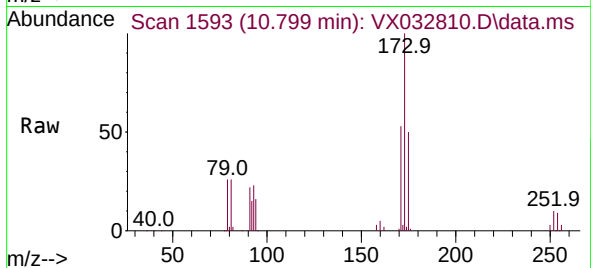
Tgt Ion:104 Resp: 186095
Ion Ratio Lower Upper
104 100
78 51.4 41.8 62.8
103 55.2 44.5 66.7





#71
Bromoform
Concen: 62.262 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

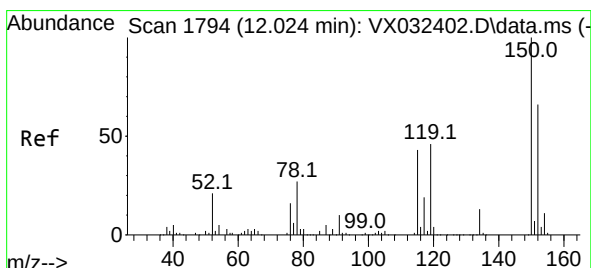
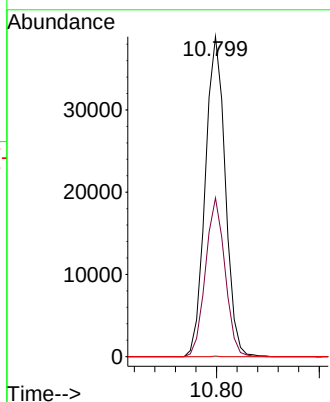
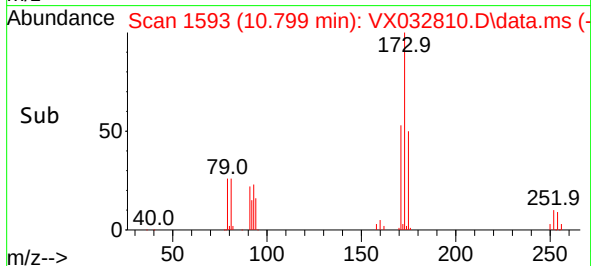
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



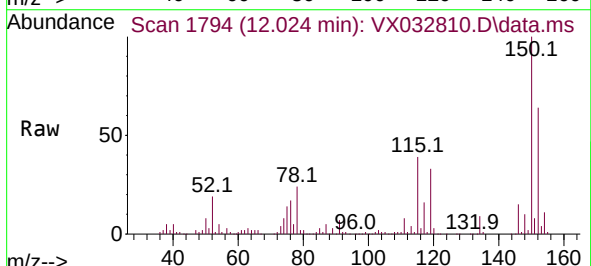
Tgt Ion:173 Resp: 52293
Ion Ratio Lower Upper
173 100
175 48.5 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

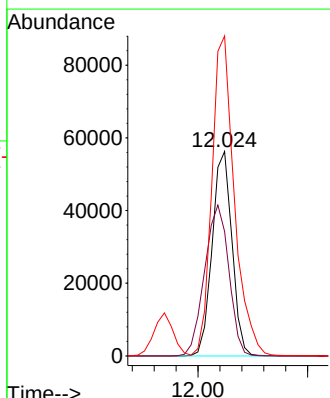
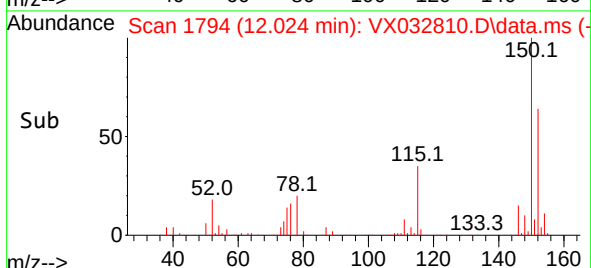
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

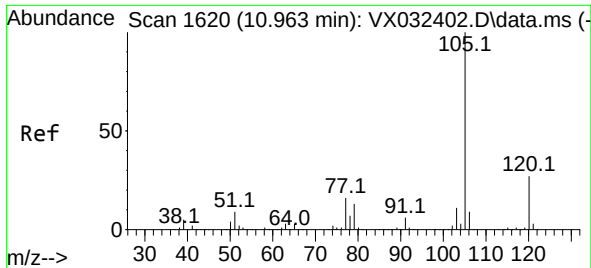


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17



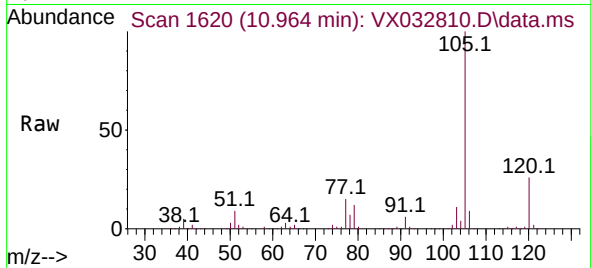
Tgt Ion:152 Resp: 70475
Ion Ratio Lower Upper
152 100
115 90.4 44.0 132.0
150 178.0 0.0 351.8





#73
Isopropylbenzene
Concen: 53.839 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

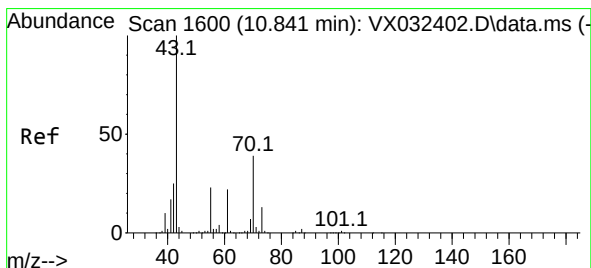
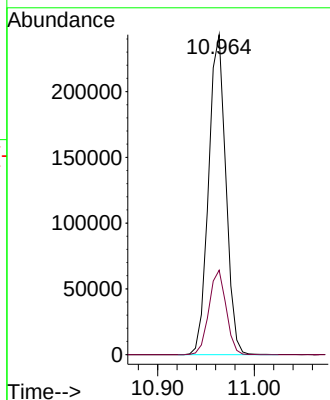
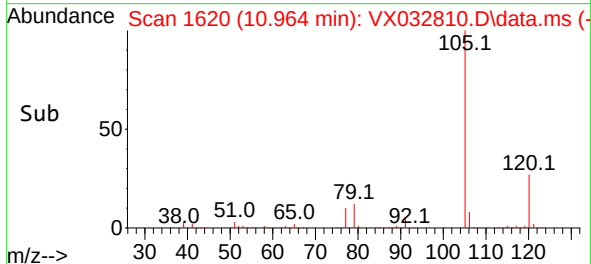
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



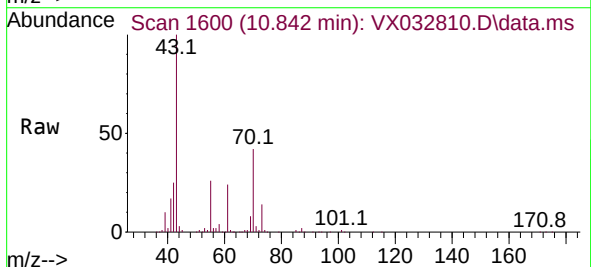
Tgt Ion:105 Resp: 300666
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.3

Manual Integrations
APPROVED

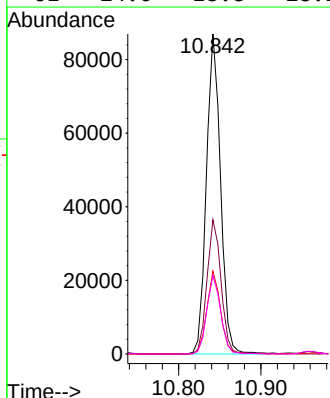
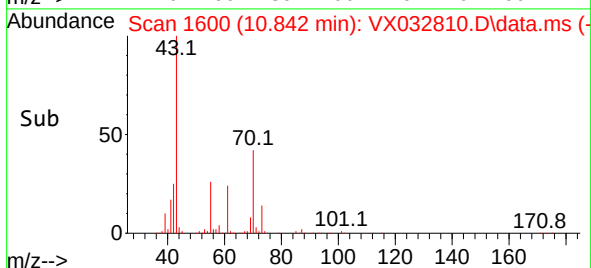
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

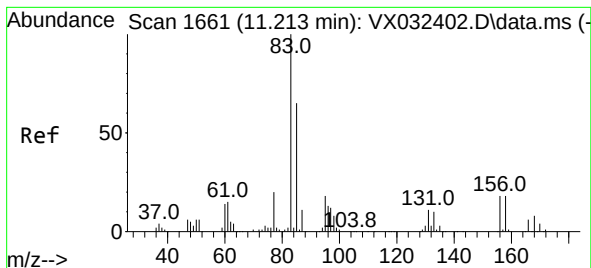


#74
N-ethyl acetate
Concen: 49.169 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17



Tgt Ion: 43 Resp: 103750
Ion Ratio Lower Upper
43 100
70 41.6 33.6 50.4
55 25.2 19.4 29.2
61 24.0 18.8 28.2





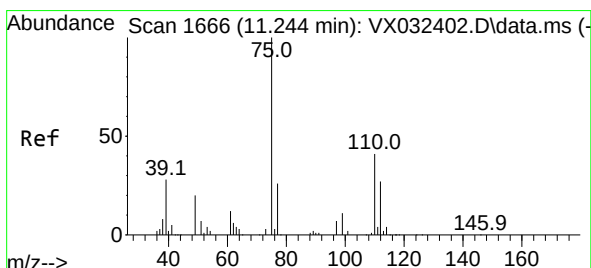
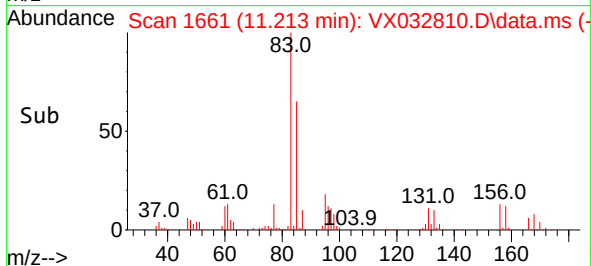
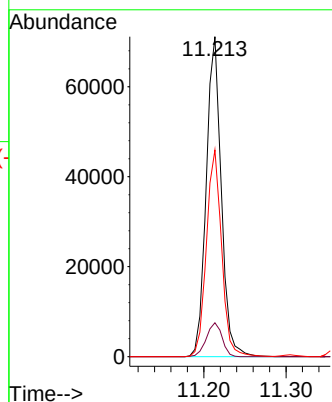
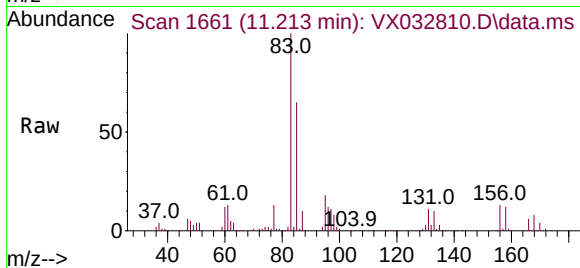
#75
1,1,2,2-Tetrachloroethane
Concen: 50.398 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 90342
Ion Ratio Lower Upper
83 100
131 11.0 5.4 16.2
85 65.3 31.9 95.9

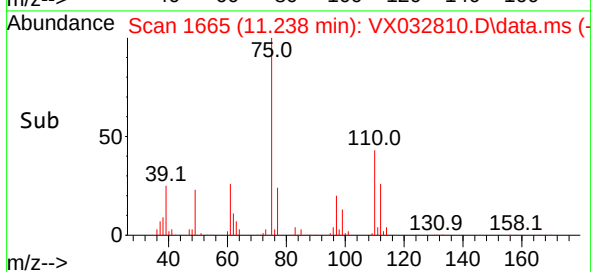
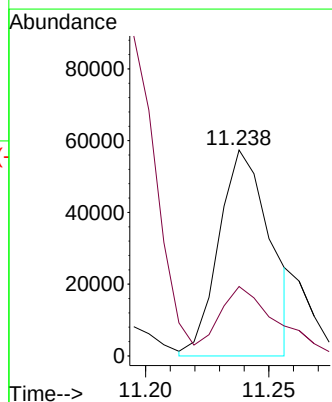
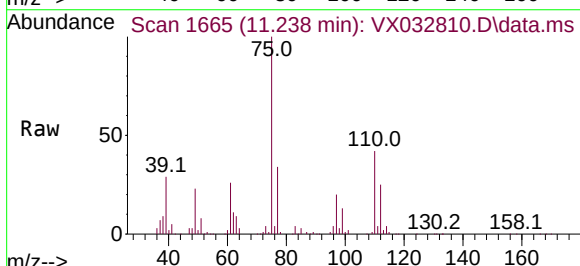
Manual Integrations
APPROVED

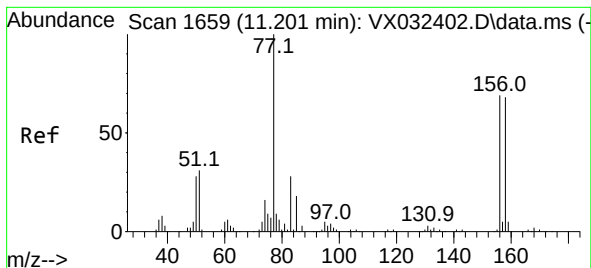
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#76
1,2,3-Trichloropropane
Concen: 53.054 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

Tgt Ion: 75 Resp: 83183
Ion Ratio Lower Upper
75 100
77 38.0 20.0 60.0





#77

Bromobenzene

Concen: 53.599 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX032810.D

Acq: 15 Nov 2022 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

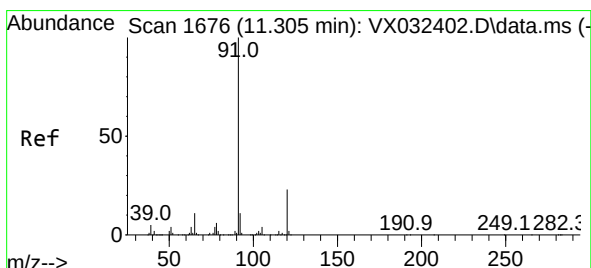
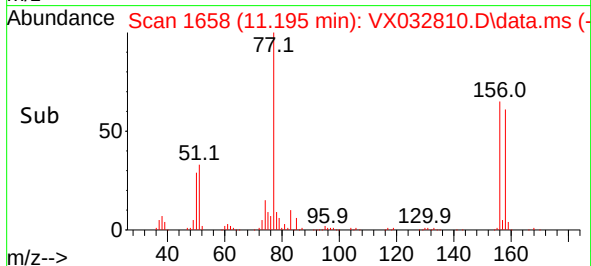
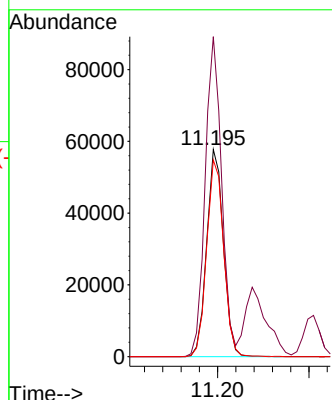
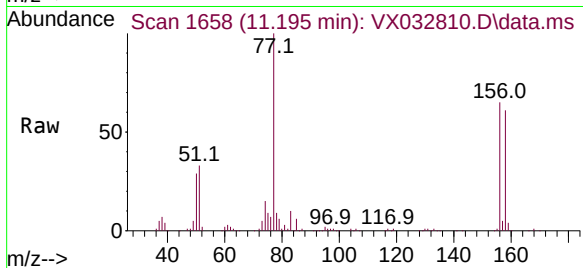
Tgt Ion:	156	Resp:	73383
Ion Ratio	Lower	Upper	
156	100		
77	151.9	76.1	228.4
158	96.5	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#78

n-propylbenzene

Concen: 53.597 ug/l

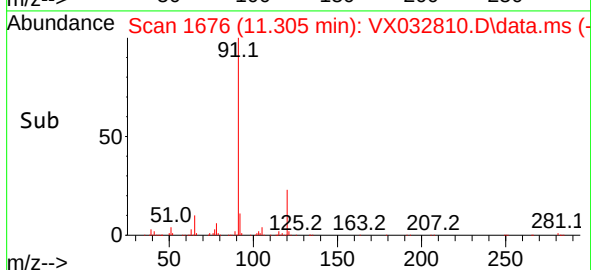
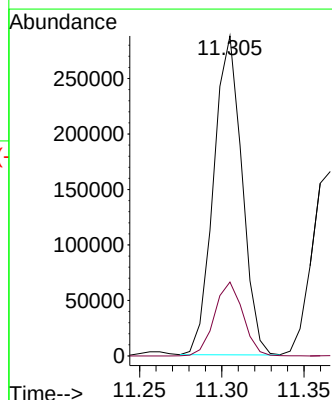
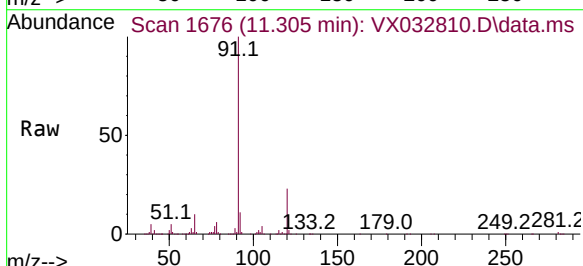
RT: 11.305 min Scan# 1676

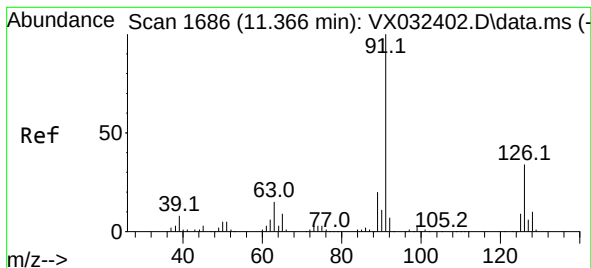
Delta R.T. 0.000 min

Lab File: VX032810.D

Acq: 15 Nov 2022 10:17

Tgt Ion:	91	Resp:	344853
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.6	34.8





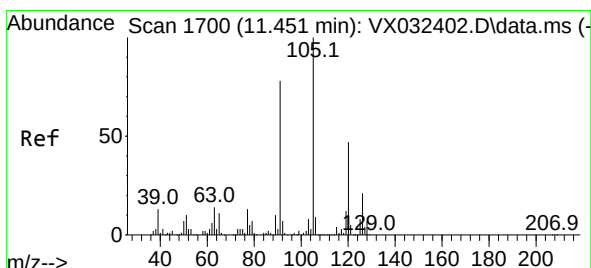
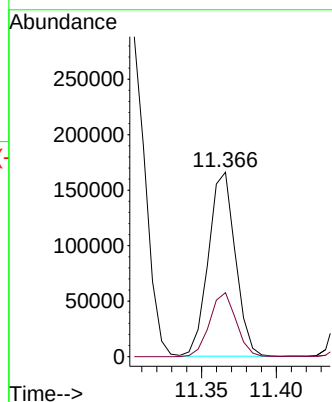
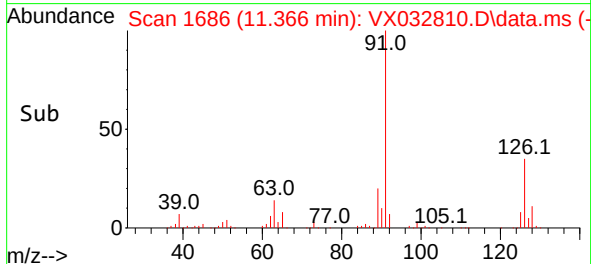
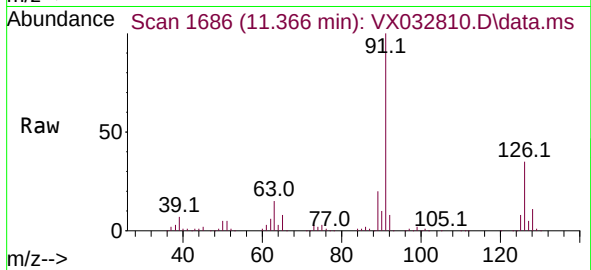
#79
2-Chlorotoluene
Concen: 54.159 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 208692
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.2

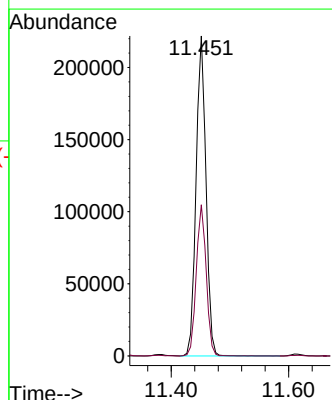
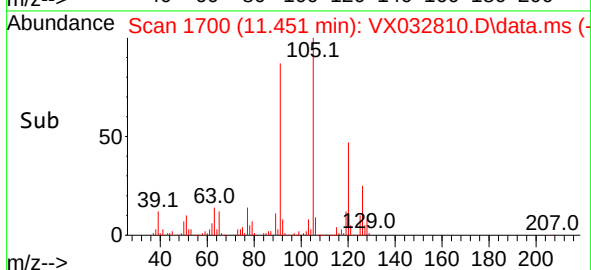
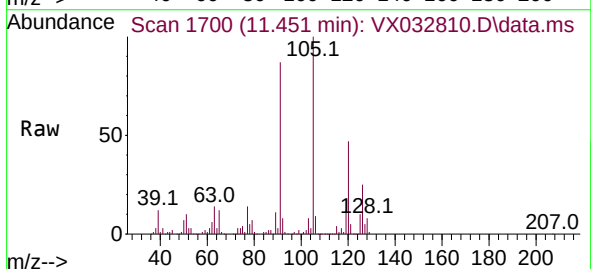
Manual Integrations
APPROVED

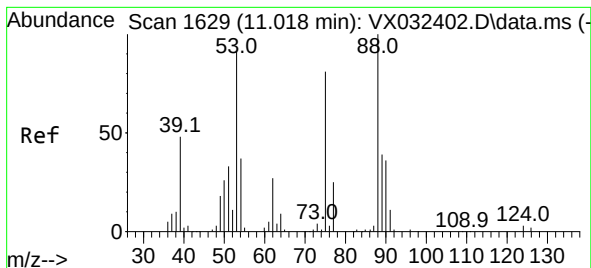
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#80
1,3,5-Trimethylbenzene
Concen: 54.322 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

Tgt Ion:105 Resp: 259272
Ion Ratio Lower Upper
105 100
120 47.4 23.6 71.0





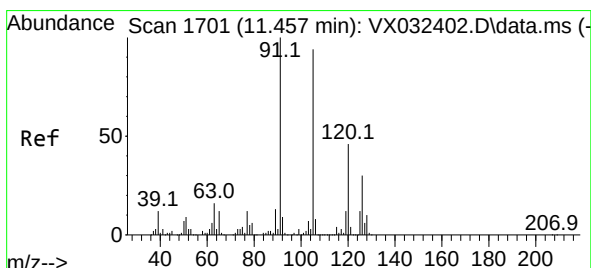
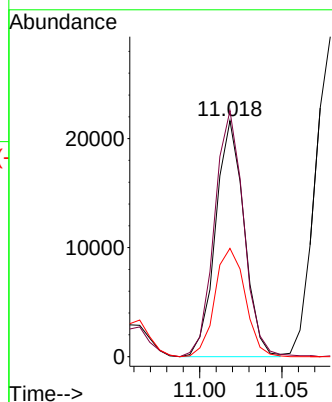
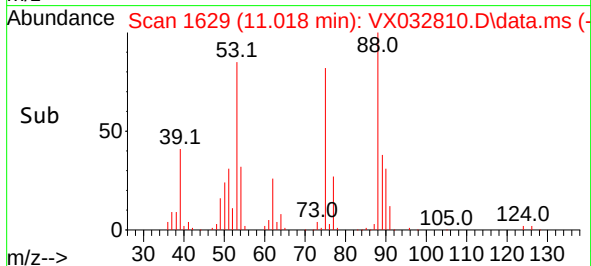
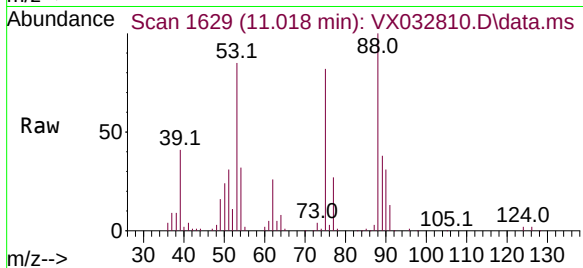
#81
trans-1,4-Dichloro-2-butene
Concen: 52.980 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 26105
Ion Ratio Lower Upper
75 100
53 107.1 86.9 130.3
89 48.6 38.3 57.5

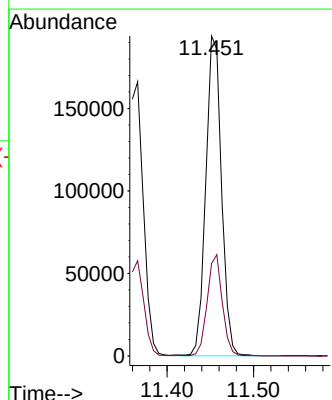
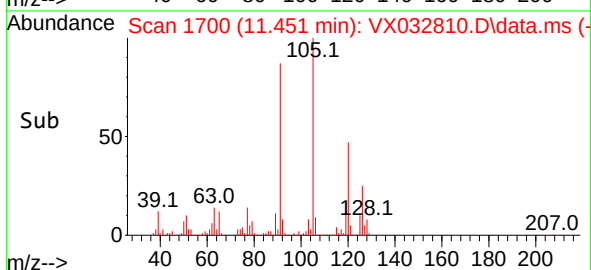
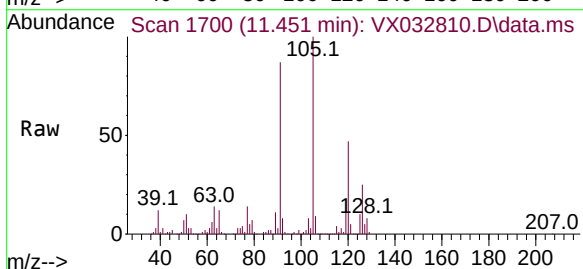
Manual Integrations
APPROVED

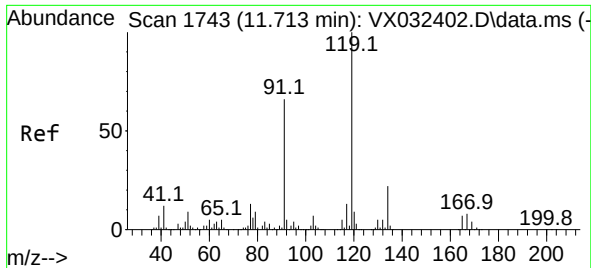
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#82
4-Chlorotoluene
Concen: 54.058 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

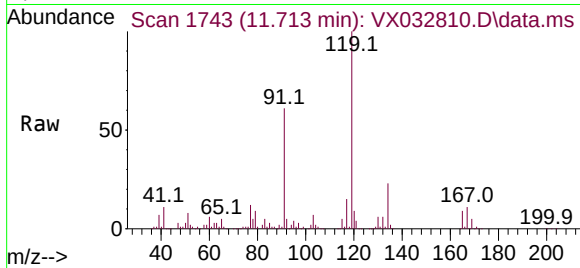
Tgt Ion: 91 Resp: 243739
Ion Ratio Lower Upper
91 100
126 30.5 14.8 44.4





#83
tert-Butylbenzene
Concen: 53.430 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

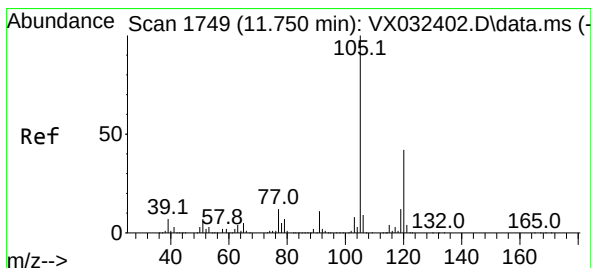
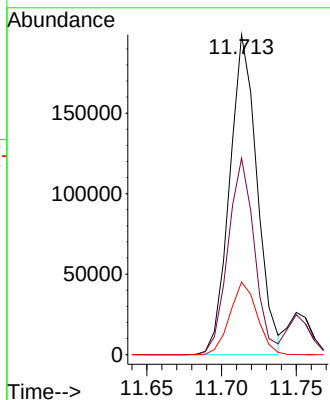
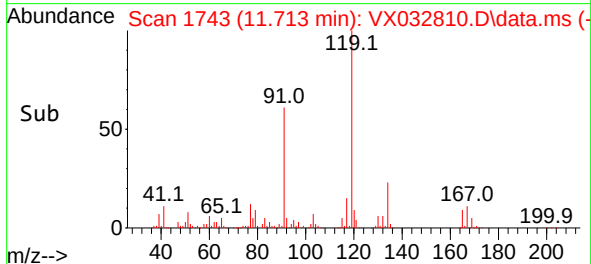
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



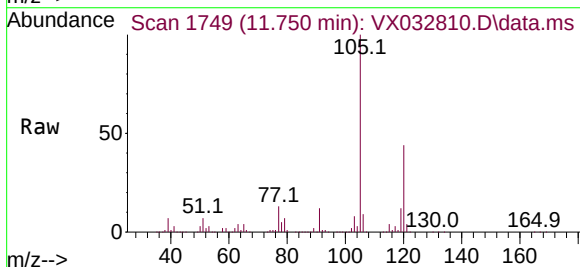
Tgt Ion:119 Resp: 254601
Ion Ratio Lower Upper
119 100
91 59.4 29.4 88.2
134 22.5 11.0 33.0

Manual Integrations
APPROVED

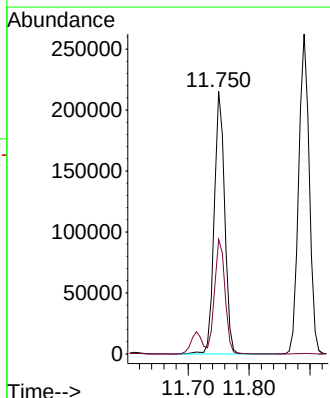
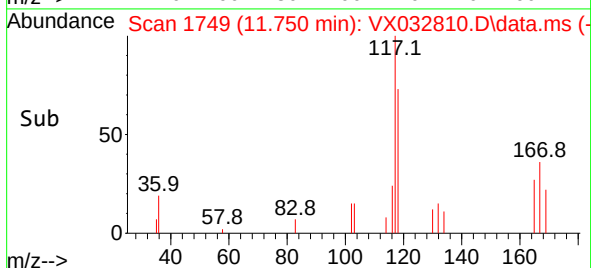
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

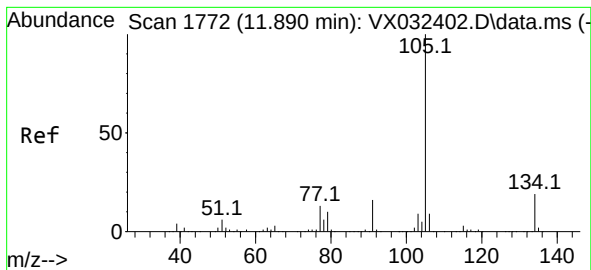


#84
1,2,4-Trimethylbenzene
Concen: 54.216 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17



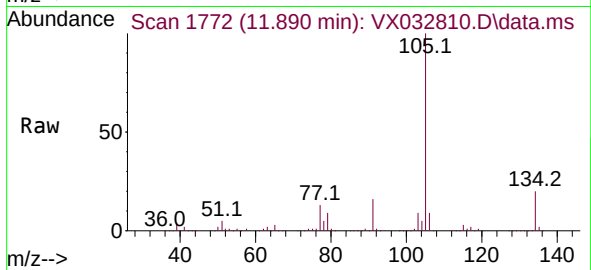
Tgt Ion:105 Resp: 257369
Ion Ratio Lower Upper
105 100
120 43.4 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 55.184 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032810.D
 Acq: 15 Nov 2022 10:17

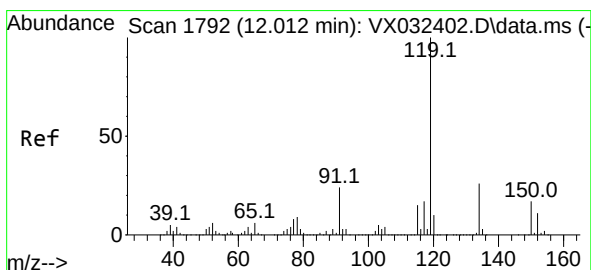
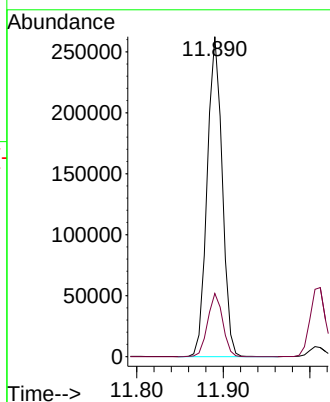
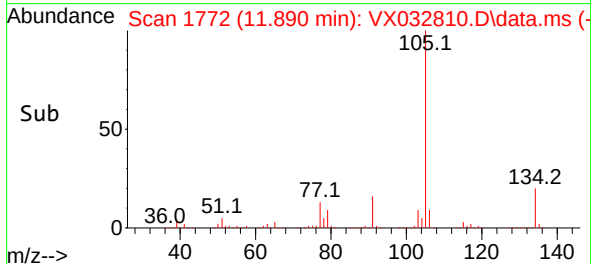
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



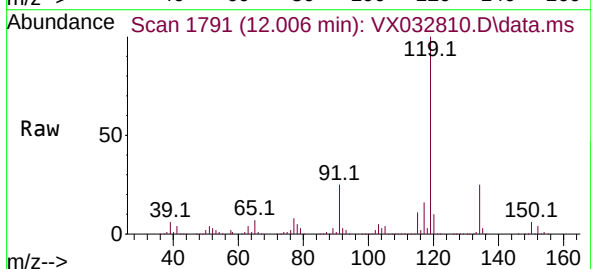
Tgt Ion:105 Resp: 316412
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.9 29.7

Manual Integrations
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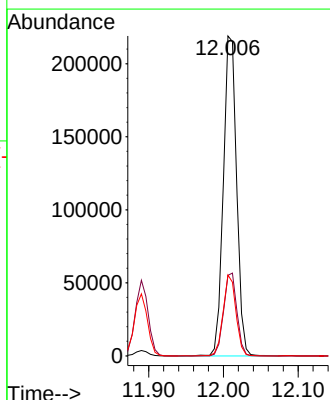
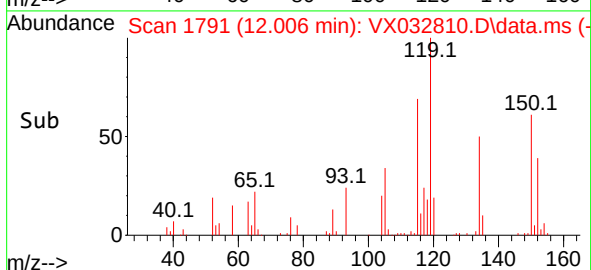
Reviewed By :John Carlone 11/16/2022
 Supervised By :Mahesh Dadoda 11/16/2022

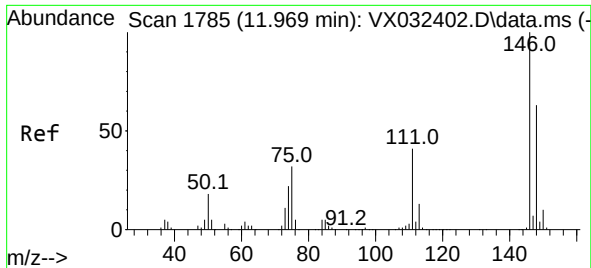


#86
 p-Isopropyltoluene
 Concen: 55.674 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX032810.D
 Acq: 15 Nov 2022 10:17



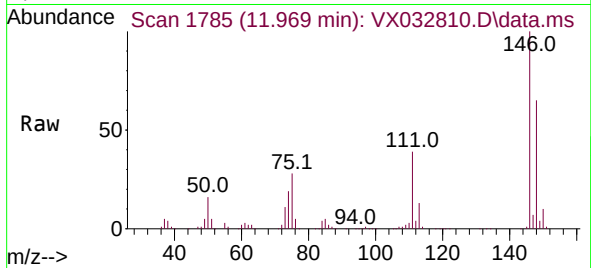
Tgt Ion:119 Resp: 270867
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 24.4 12.5 37.5





#87
1,3-Dichlorobenzene
Concen: 54.350 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

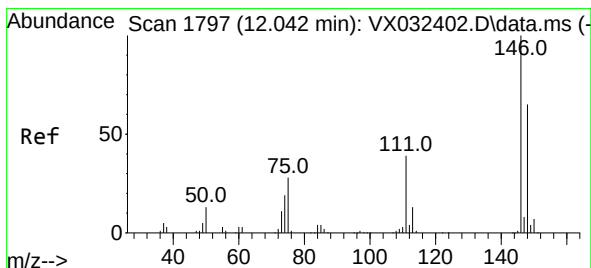
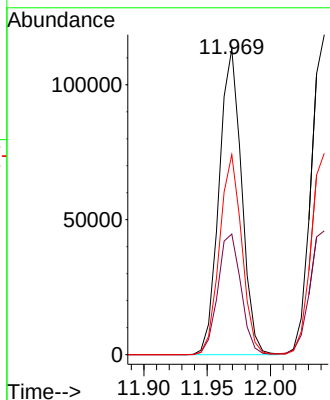
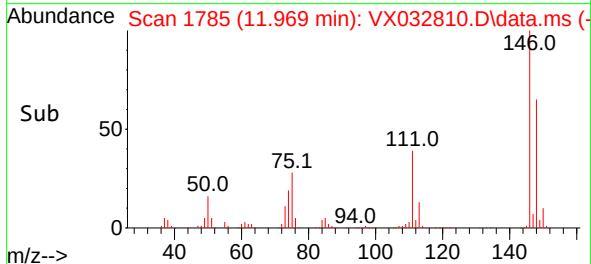
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



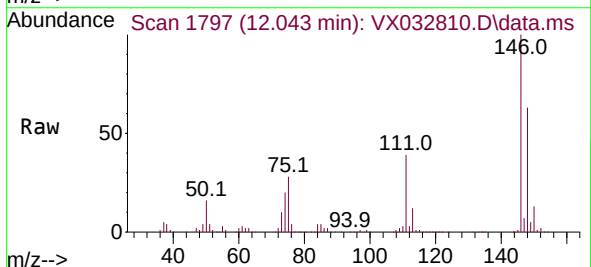
Tgt Ion:146 Resp: 140364
Ion Ratio Lower Upper
146 100
111 40.7 20.6 61.8
148 64.3 31.7 95.1

Manual Integrations
APPROVED

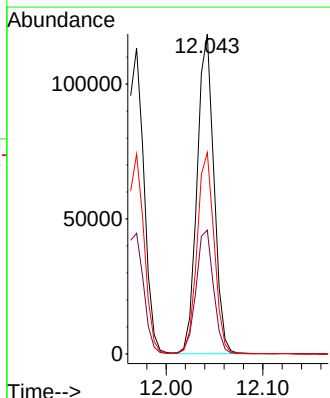
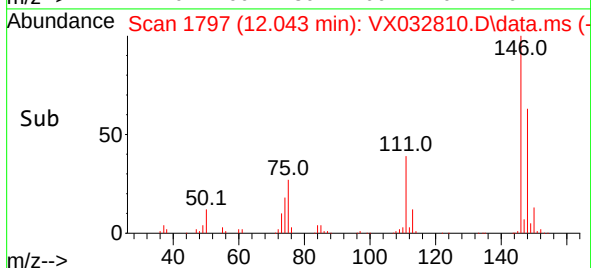
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

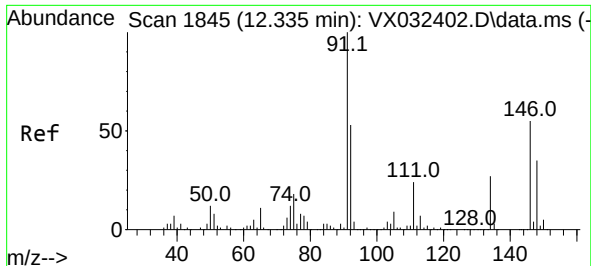


#88
1,4-Dichlorobenzene
Concen: 53.412 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17



Tgt Ion:146 Resp: 143105
Ion Ratio Lower Upper
146 100
111 40.3 20.5 61.6
148 63.8 32.2 96.6





#89

n-Butylbenzene

Concen: 55.095 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX032810.D

Acq: 15 Nov 2022 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 233196

Ion Ratio Lower Upper

91 100

92 52.4 26.2 78.6

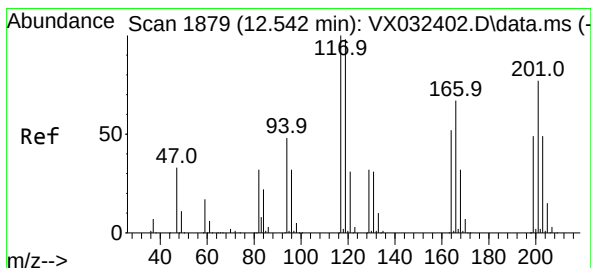
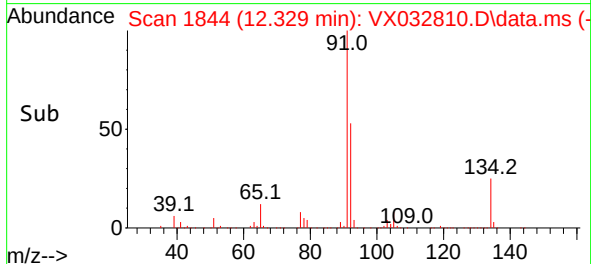
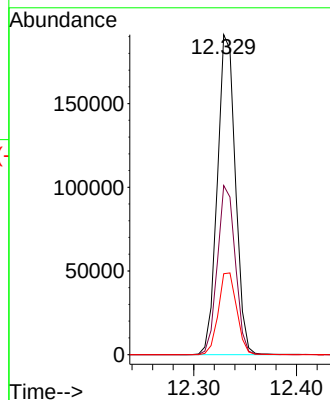
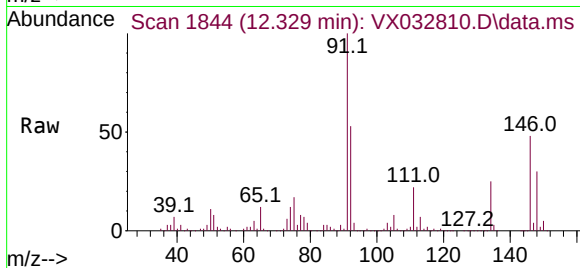
134 26.1 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#90

Hexachloroethane

Concen: 57.518 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX032810.D

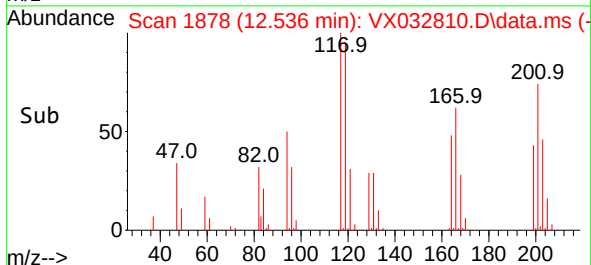
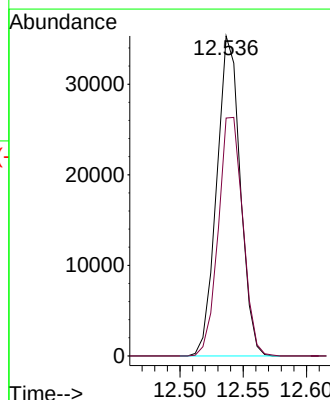
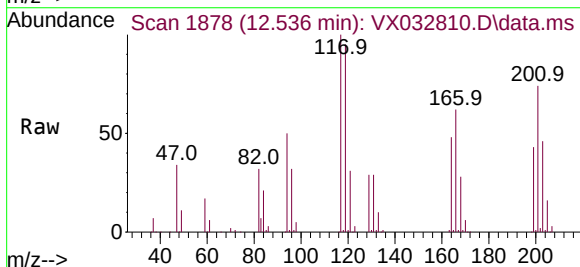
Acq: 15 Nov 2022 10:17

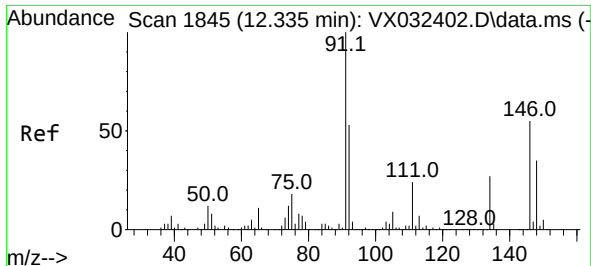
Tgt Ion:117 Resp: 45709

Ion Ratio Lower Upper

117 100

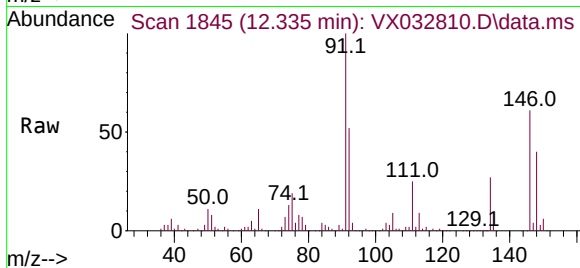
201 77.8 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 54.469 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

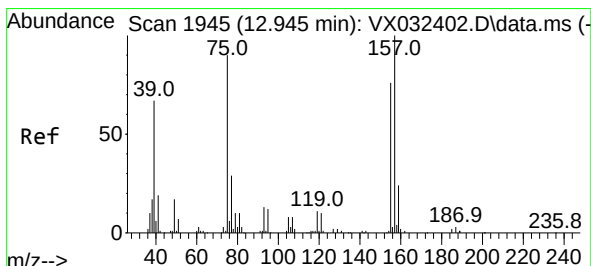
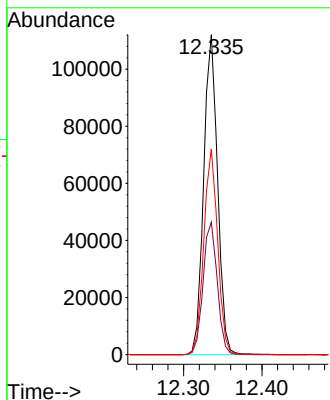
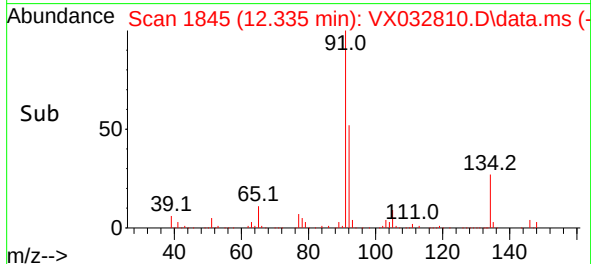
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



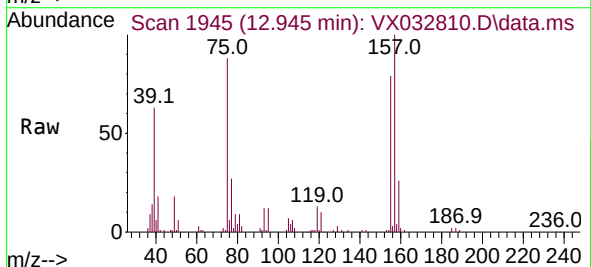
Tgt Ion:146 Resp: 138706
Ion Ratio Lower Upper
146 100
111 42.1 21.5 64.5
148 64.3 32.0 96.2

Manual Integrations
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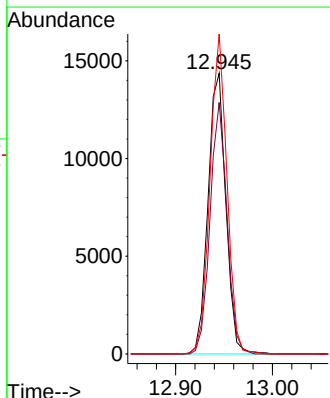
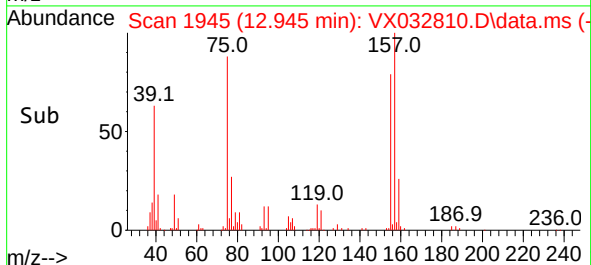
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

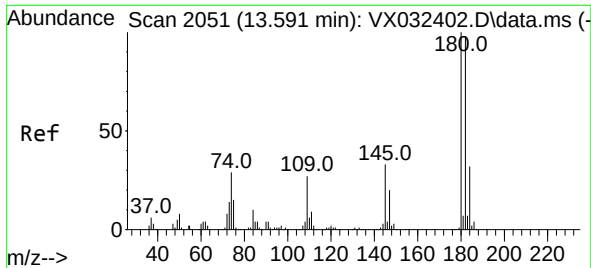


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.747 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17



Tgt Ion: 75 Resp: 18373
Ion Ratio Lower Upper
75 100
155 85.4 41.6 124.8
157 108.9 54.1 162.4





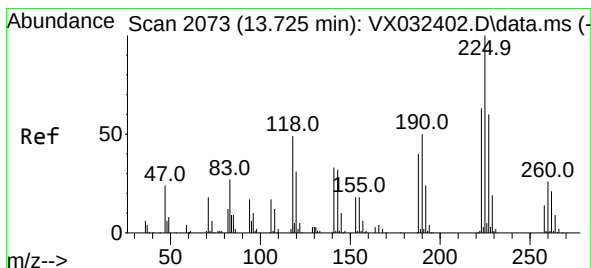
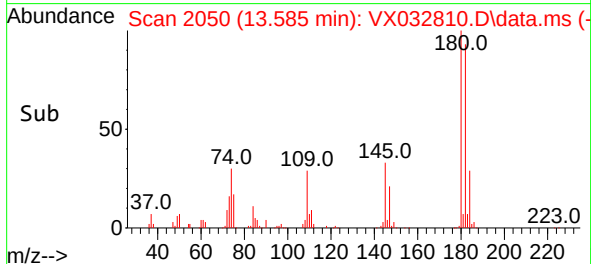
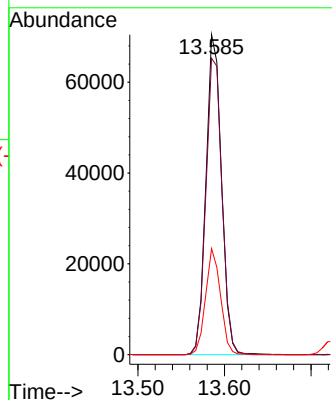
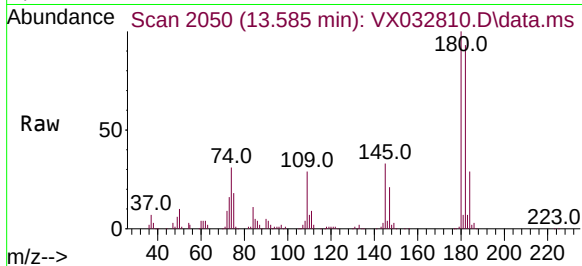
#93
1,2,4-Trichlorobenzene
Concen: 52.873 ug/l
RT: 13.585 min Scan# 2051
Delta R.T. -0.006 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 87792
Ion Ratio Lower Upper
180 100
182 96.2 48.4 145.0
145 31.9 16.2 48.5

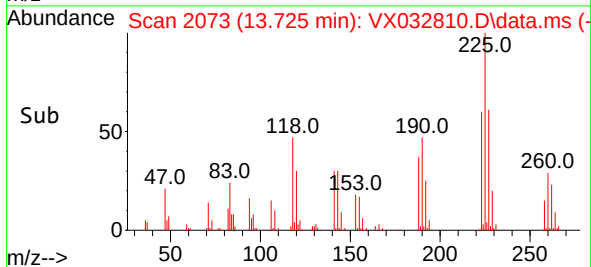
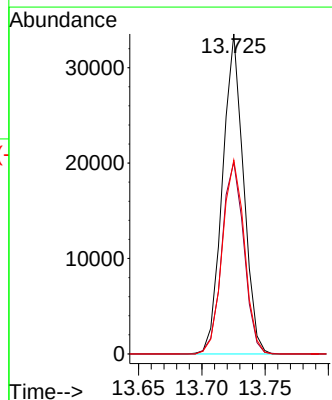
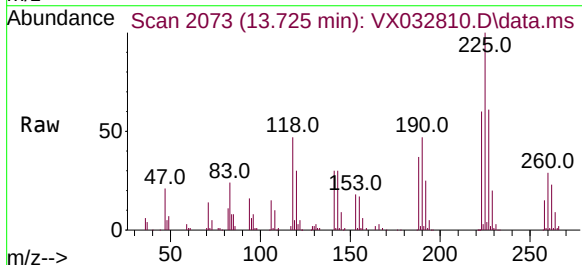
Manual Integrations
APPROVED

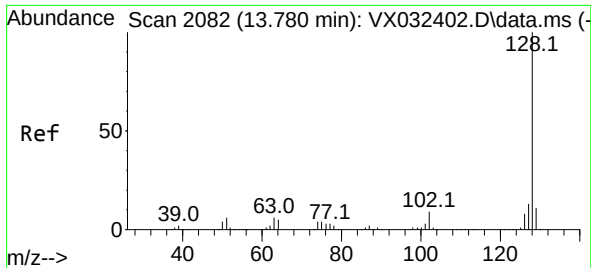
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#94
Hexachlorobutadiene
Concen: 55.819 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

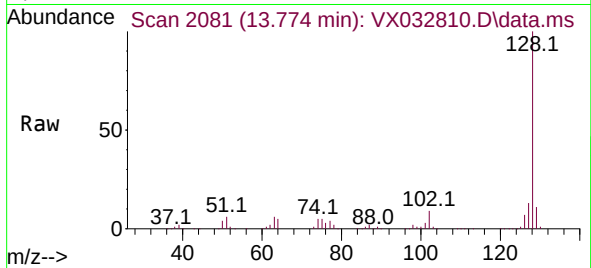
Tgt Ion:225 Resp: 38708
Ion Ratio Lower Upper
225 100
223 62.6 31.9 95.9
227 63.5 31.9 95.5





#95
Naphthalene
Concen: 50.619 ug/l
RT: 13.774 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

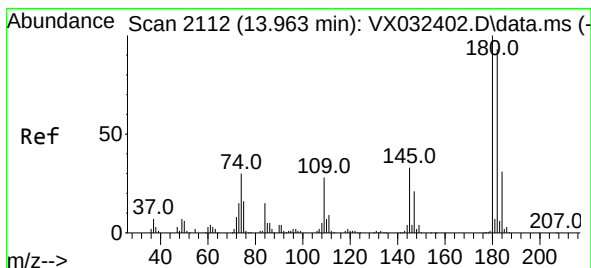
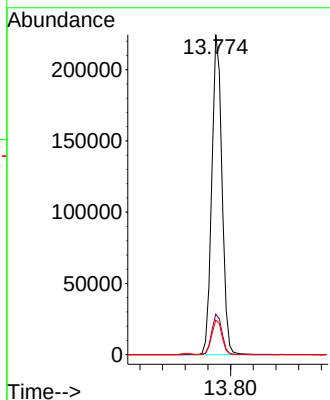
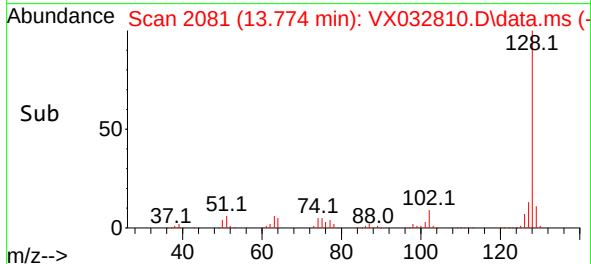
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 28058
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.8 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 52.159 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX032810.D
Acq: 15 Nov 2022 10:17

Tgt Ion:180 Resp: 88036
Ion Ratio Lower Upper
180 100
182 94.4 47.5 142.6
145 33.7 16.9 50.6

