

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111822\
 Data File : VX032916.D
 Acq On : 18 Nov 2022 11:40
 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 11/21/2022
 Supervised By : Mahesh Dadoda 11/21/2022

Quant Time: Nov 19 03:02:03 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	90489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	140213	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69642	55.389	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.780%			
35) Dibromofluoromethane	5.385	113	58801	58.792	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.580%			
50) Toluene-d8	8.647	98	186229	53.549	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.100%			
62) 4-Bromofluorobenzene	11.079	95	79484	58.509	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	44893	43.015	ug/l	95
3) Chloromethane	1.294	50	37217	42.167	ug/l	98
4) Vinyl Chloride	1.374	62	43344	44.622	ug/l	96
5) Bromomethane	1.618	94	47138	60.724	ug/l	96
6) Chloroethane	1.691	64	39471	60.570	ug/l	99
7) Trichlorofluoromethane	1.892	101	91863	49.911	ug/l	99
8) Diethyl Ether	2.130	74	31093	52.130	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	52562	54.107	ug/l	100
10) Methyl Iodide	2.453	142	56511	52.212	ug/l	99
11) Tert butyl alcohol	2.983	59	38074	208.052	ug/l #	85
12) 1,1-Dichloroethene	2.319	96	44667	49.221	ug/l	97
13) Acrolein	2.233	56	61090	334.389	ug/l	99
14) Allyl chloride	2.666	41	76207	52.680	ug/l	100
15) Acrylonitrile	3.062	53	124174	250.021	ug/l	100
16) Acetone	2.386	43	136863	299.496	ug/l	98
17) Carbon Disulfide	2.514	76	89280	41.305	ug/l	97
18) Methyl Acetate	2.703	43	83567	56.235	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	185155	58.051	ug/l	100
20) Methylene Chloride	2.788	84	54812	52.313	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	49014	49.620	ug/l	99
22) Diisopropyl ether	3.757	45	185656	59.334	ug/l	97
23) Vinyl Acetate	3.715	43	690728	273.235	ug/l	100
24) 1,1-Dichloroethane	3.605	63	99820	55.462	ug/l	99
25) 2-Butanone	4.556	43	182966	258.431	ug/l	97
26) 2,2-Dichloropropane	4.471	77	84731	59.224	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	64083	56.125	ug/l	98
28) Bromochloromethane	4.891	49	31730	49.495	ug/l	99
29) Tetrahydrofuran	5.001	42	106764	236.487	ug/l	98
30) Chloroform	5.086	83	116292	58.885	ug/l	98
31) Cyclohexane	5.471	56	74924	49.147	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	102931	58.081	ug/l	100
36) 1,1-Dichloropropene	5.690	75	74147	53.237	ug/l	99
37) Ethyl Acetate	4.708	43	70518	48.642	ug/l	99
38) Carbon Tetrachloride	5.678	117	88239	57.121	ug/l	99
39) Methylcyclohexane	7.379	83	83447	50.640	ug/l	98
40) Benzene	6.037	78	215310	54.630	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	40559	54.919	ug/l	98
42) 1,2-Dichloroethane	6.080	62	94531	58.675	ug/l	100
43) Isopropyl Acetate	6.336	43	121728	54.686	ug/l	99
44) Trichloroethene	7.123	130	61152	55.117	ug/l	98
45) 1,2-Dichloropropane	7.427	63	58778	58.097	ug/l	98
46) Dibromomethane	7.580	93	44949	57.931	ug/l	99
47) Bromodichloromethane	7.818	83	93742	63.746	ug/l	97
48) Methyl methacrylate	7.690	41	62082	54.002	ug/l	99
49) 1,4-Dioxane	7.690	88	19916	909.045	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	374988	267.454	ug/l	99
52) Toluene	8.720	92	145263	56.492	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	93345	62.213	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	97060	60.481	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	65857	60.814	ug/l	98
56) Ethyl methacrylate	9.116	69	92852	59.581	ug/l	99
57) 1,3-Dichloropropane	9.305	76	103299	59.068	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	219030	291.888	ug/l	99
59) 2-Hexanone	9.427	43	280844	269.952	ug/l	99
60) Dibromochloromethane	9.519	129	74927	63.345	ug/l	99
61) 1,2-Dibromoethane	9.610	107	67814	59.100	ug/l	100
64) Tetrachloroethene	9.275	164	52679	56.412	ug/l	97
65) Chlorobenzene	10.079	112	163862	57.336	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	66548	61.870	ug/l	100
67) Ethyl Benzene	10.195	91	292807	57.293	ug/l	99
68) m/p-Xylenes	10.299	106	228713	115.249	ug/l	99
69) o-Xylene	10.640	106	113602	58.877	ug/l	99
70) Styrene	10.653	104	191018	59.569	ug/l	100
71) Bromoform	10.799	173	53410	62.803	ug/l #	97
73) Isopropylbenzene	10.963	105	309491	54.773	ug/l	100
74) N-amyl acetate	10.842	43	113654	53.235	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	98424	54.267	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	85863m	54.125	ug/l	
77) Bromobenzene	11.195	156	76583	55.284	ug/l	99
78) n-propylbenzene	11.305	91	356321	54.734	ug/l	100
79) 2-Chlorotoluene	11.366	91	214839	55.105	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	267340	55.359	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	26970	54.097	ug/l	99
82) 4-Chlorotoluene	11.457	91	252886	55.433	ug/l	99
83) tert-Butylbenzene	11.713	119	271267	56.264	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	265995	55.380	ug/l	100
85) sec-Butylbenzene	11.890	105	321629	55.441	ug/l	99
86) p-Isopropyltoluene	12.012	119	276744	56.219	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	146707	56.144	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	148327	54.716	ug/l	99
89) n-Butylbenzene	12.335	91	239177	55.849	ug/l	100
90) Hexachloroethane	12.536	117	45942	57.138	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	148447	57.615	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19672	49.469	ug/l	100
93) 1,2,4-Trichlorobenzene	13.591	180	92657	55.153	ug/l	98
94) Hexachlorobutadiene	13.725	225	39709	56.595	ug/l	98
95) Naphthalene	13.774	128	291336	52.044	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	93175	54.560	ug/l	99

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

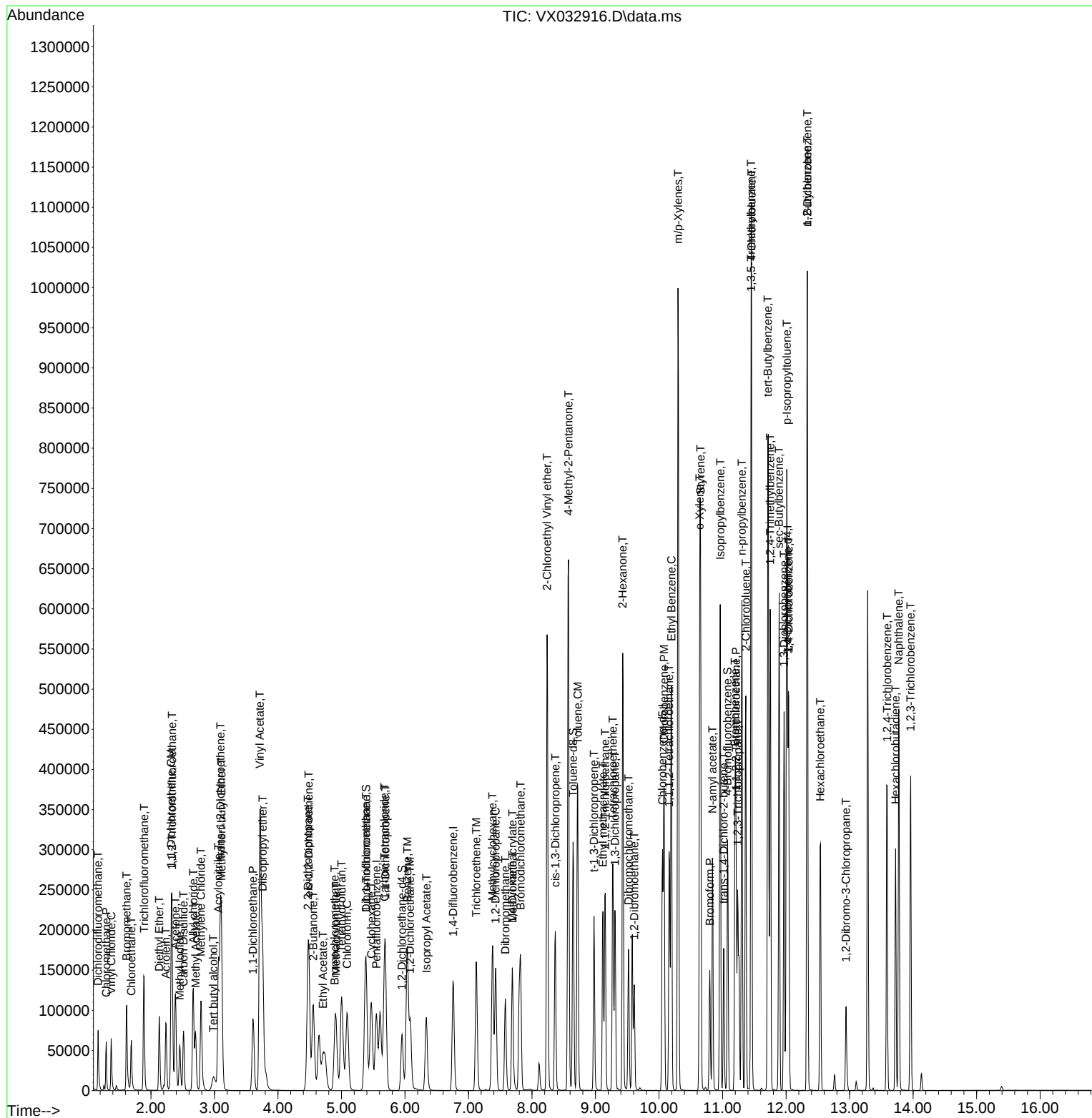
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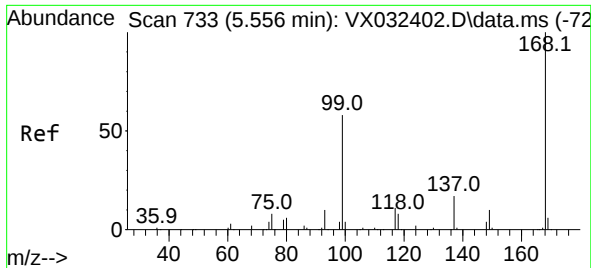
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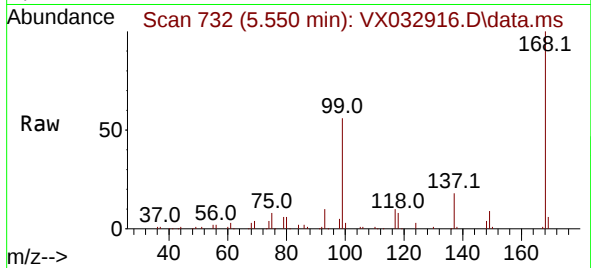
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032916.D
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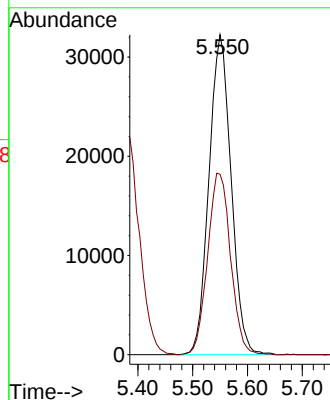
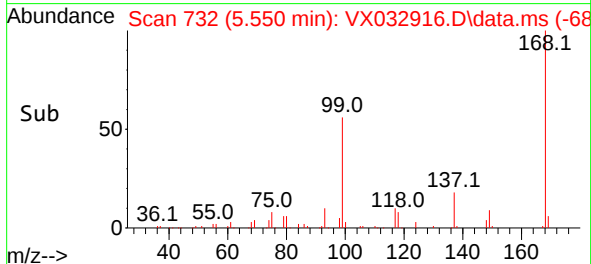
Instrument :
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ClientSampleId :
VSTDCCC050



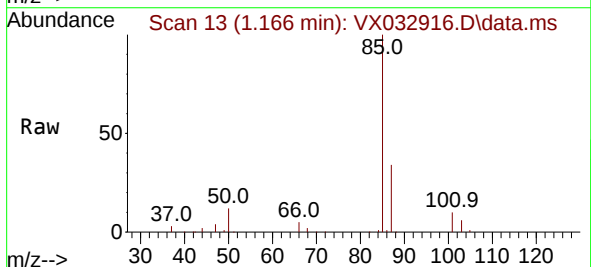
Tgt Ion:168 Resp: 90489
Ion Ratio Lower Upper
168 100
99 56.4 46.1 69.1

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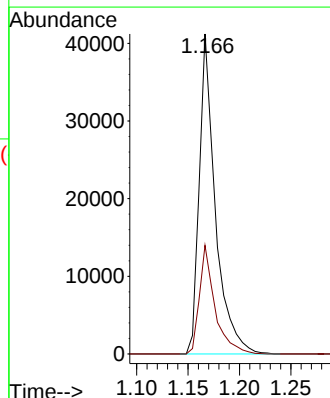
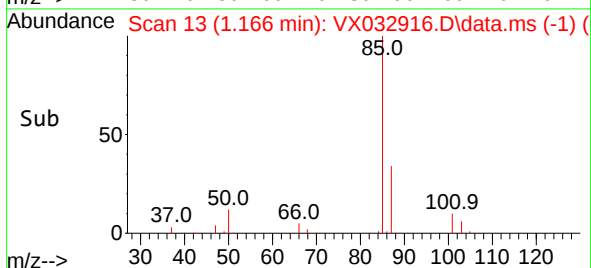
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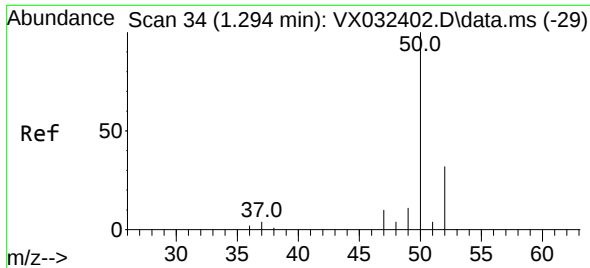


#2
Dichlorodifluoromethane
Concen: 43.015 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40



Tgt Ion: 85 Resp: 44893
Ion Ratio Lower Upper
85 100
87 34.0 15.6 46.7





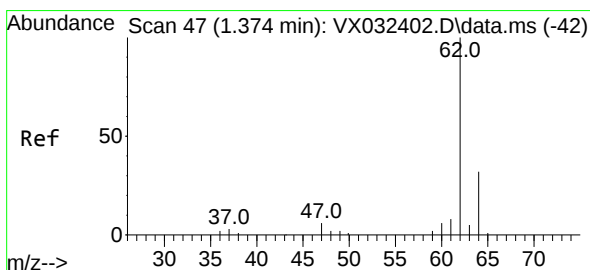
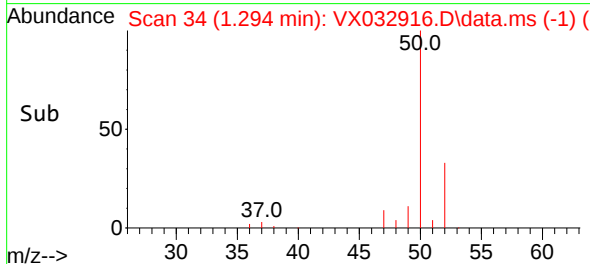
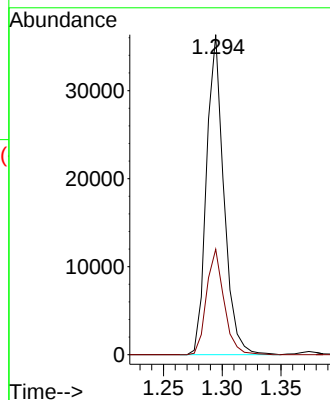
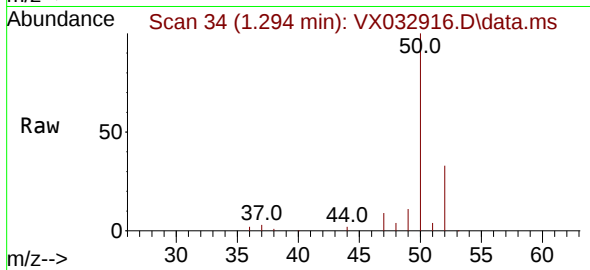
#3
Chloromethane
Concen: 42.167 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 3721
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.2

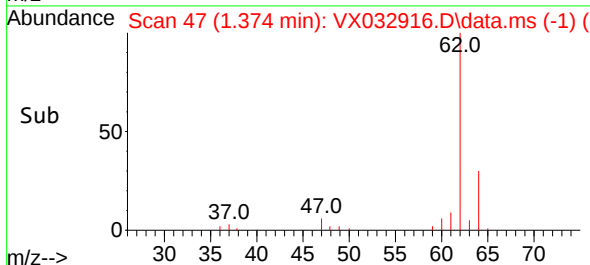
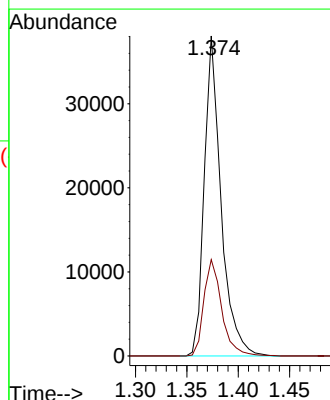
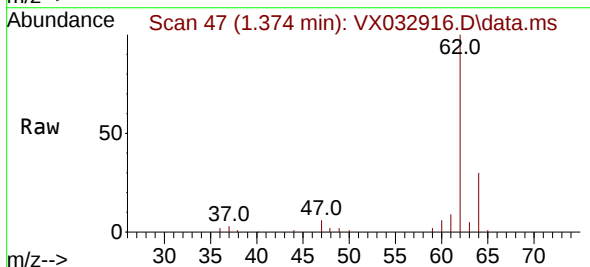
Manual Integrations
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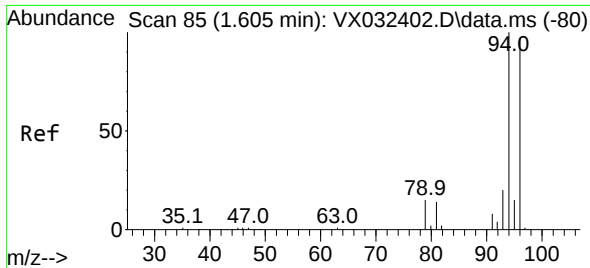
Reviewed By :John Carlone 11/21/2022
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#4
Vinyl Chloride
Concen: 44.622 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

Tgt Ion: 62 Resp: 43344
Ion Ratio Lower Upper
62 100
64 30.1 25.8 38.6





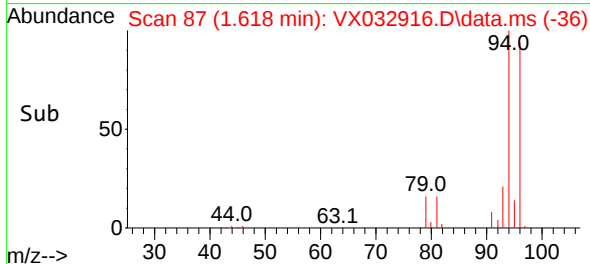
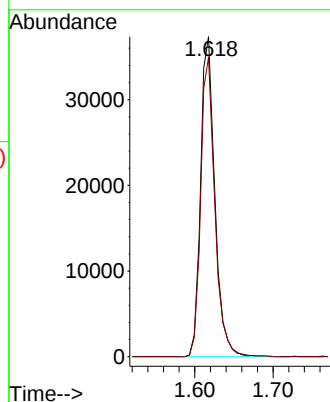
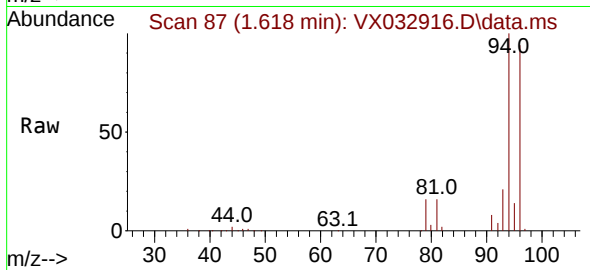
#5
Bromomethane
Concen: 60.724 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 47138
Ion Ratio Lower Upper
94 100
96 93.6 77.6 116.4

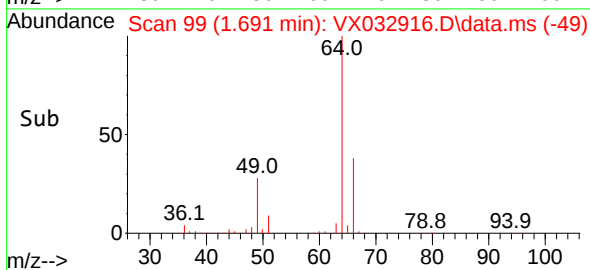
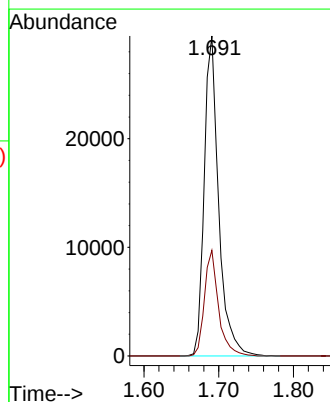
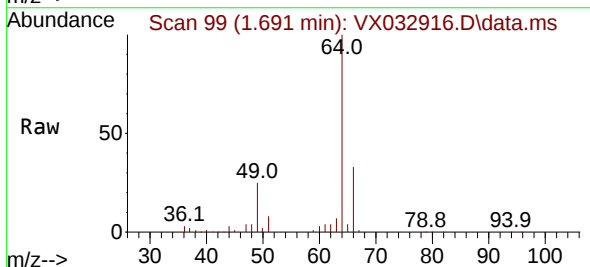
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#6
Chloroethane
Concen: 60.570 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX032916.D
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Tgt Ion: 64 Resp: 39471
Ion Ratio Lower Upper
64 100
66 33.0 26.0 39.0





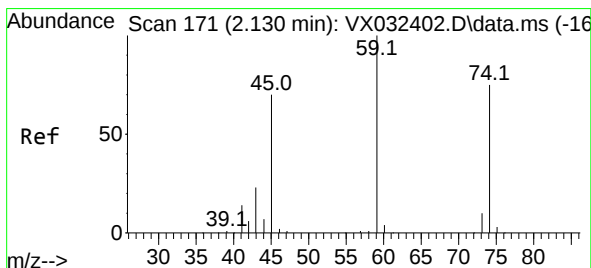
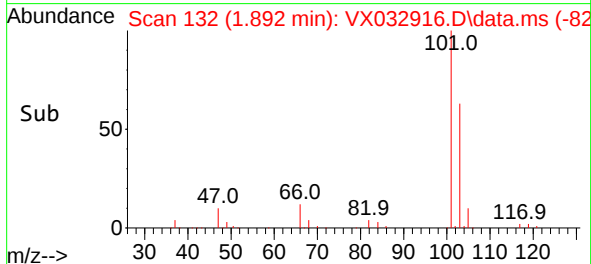
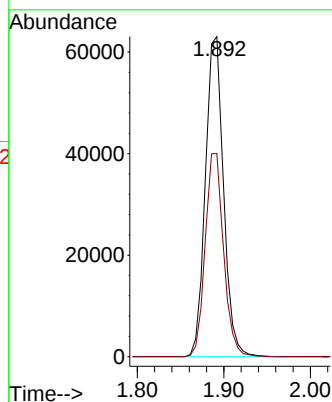
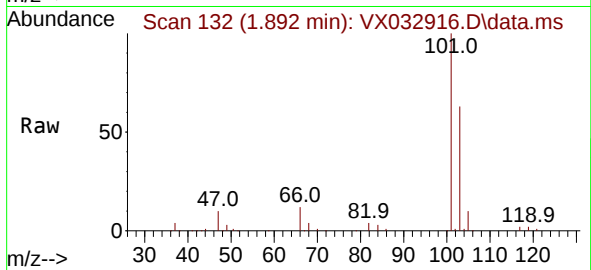
#7
 Trichlorofluoromethane
 Concen: 49.911 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX032916.D
 Acq: 18 Nov 2022 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 9186
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.4 77.2

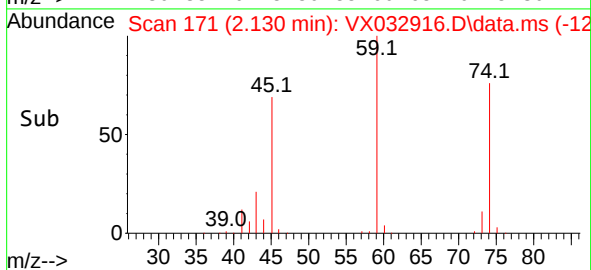
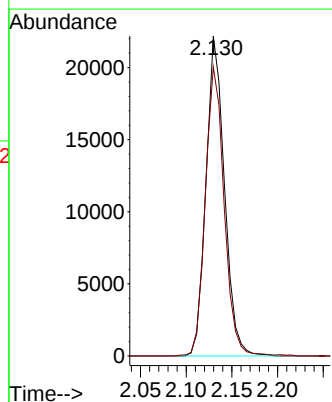
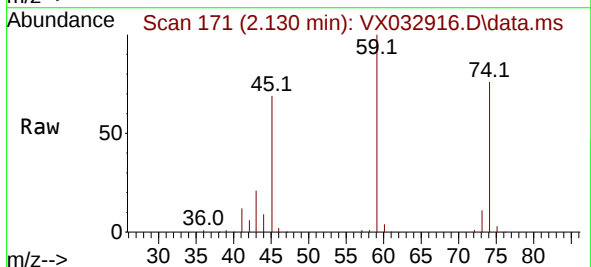
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#8
 Diethyl Ether
 Concen: 52.130 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX032916.D
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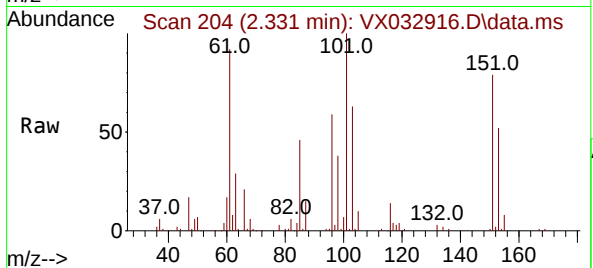
Tgt Ion: 74 Resp: 31093
 Ion Ratio Lower Upper
 74 100
 45 92.1 46.6 139.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.107 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX032916.D
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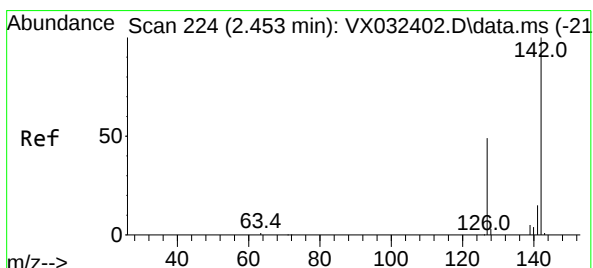
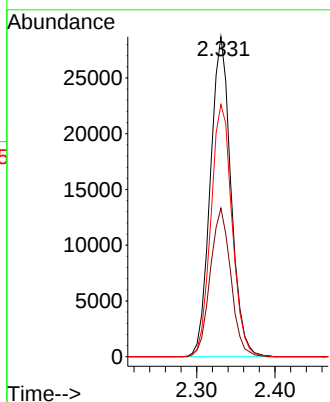
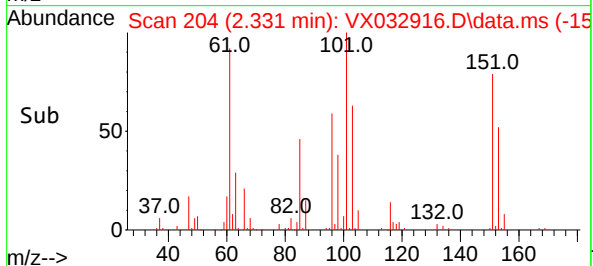
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 52562
Ion Ratio Lower Upper
101 100
85 46.1 37.0 55.4
151 81.0 64.4 96.6

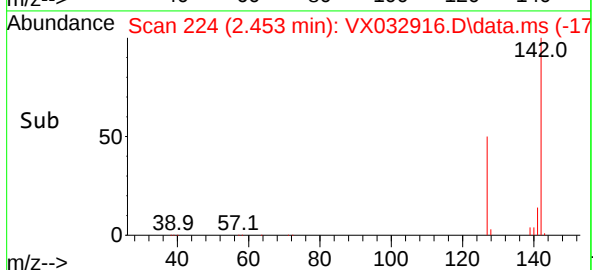
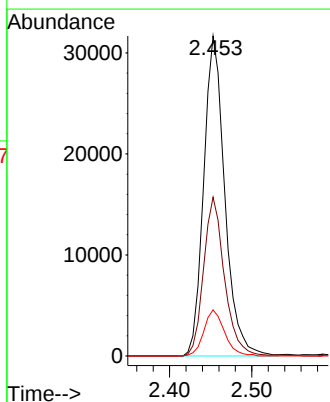
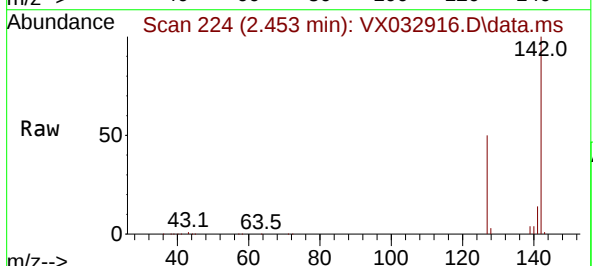
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#10
Methyl Iodide
Concen: 52.212 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

Tgt Ion:142 Resp: 56511
Ion Ratio Lower Upper
142 100
127 49.2 38.6 57.8
141 14.1 11.4 17.2





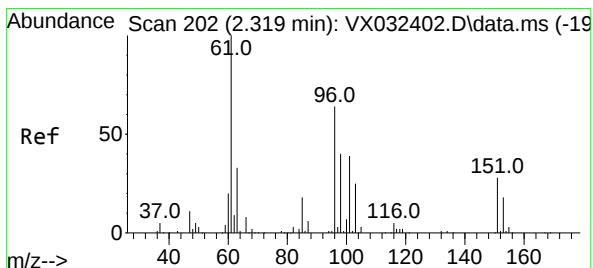
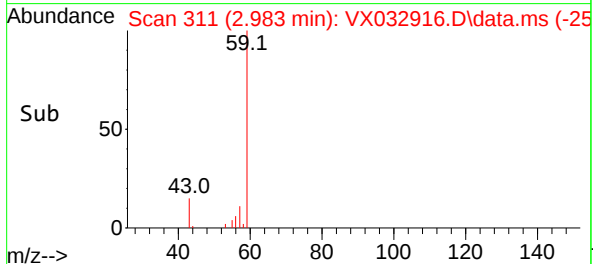
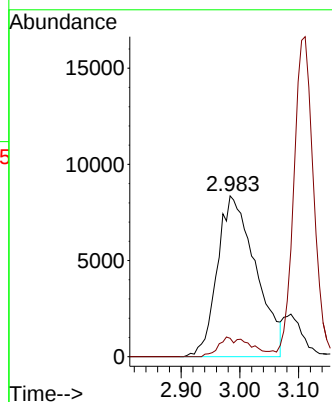
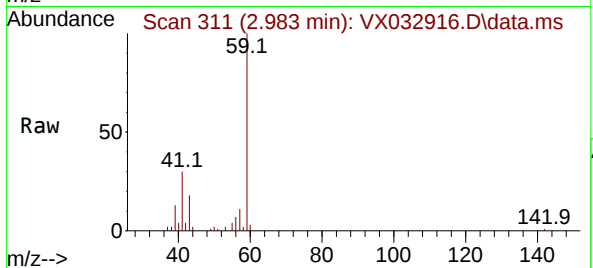
#11
Tert butyl alcohol
Concen: 208.052 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.018 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 38074
Ion Ratio Lower Upper
59 100
57 4.8 8.2 12.4

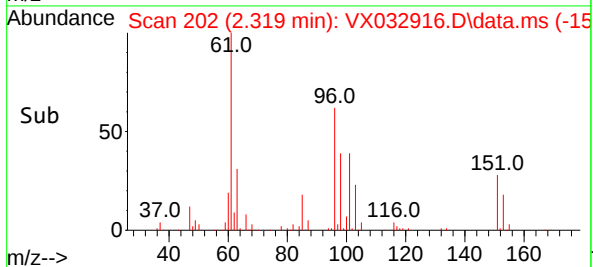
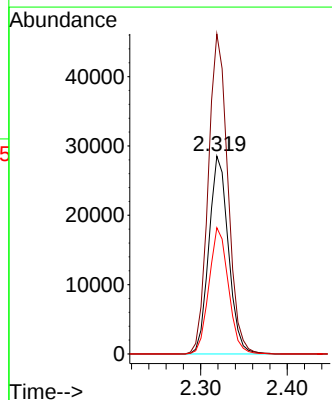
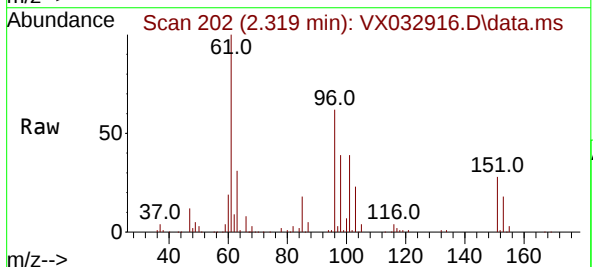
Manual Integrations
APPROVED

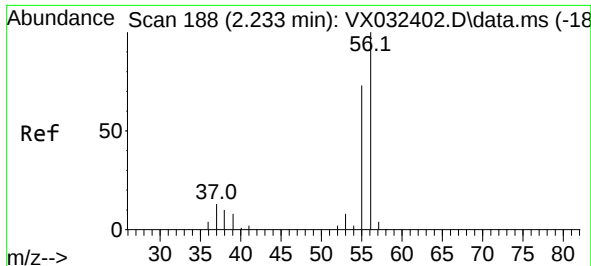
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#12
1,1-Dichloroethene
Concen: 49.221 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

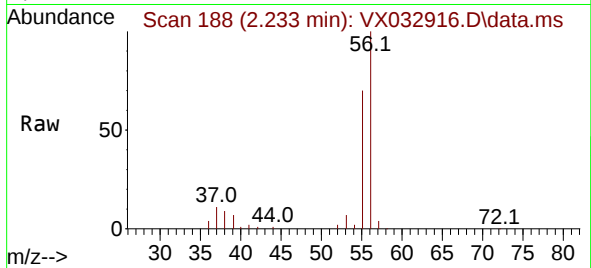
Tgt Ion: 96 Resp: 44667
Ion Ratio Lower Upper
96 100
61 161.7 125.1 187.7
98 63.8 50.6 76.0





#13
Acrolein
Concen: 334.389 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

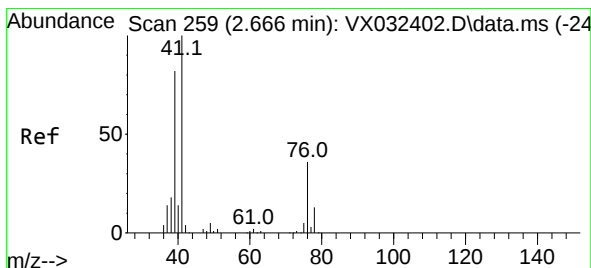
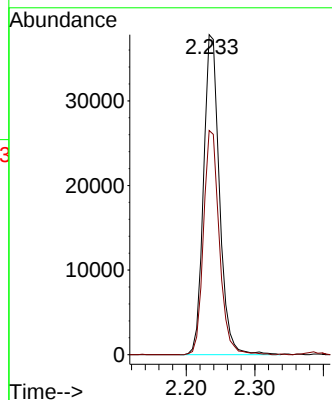
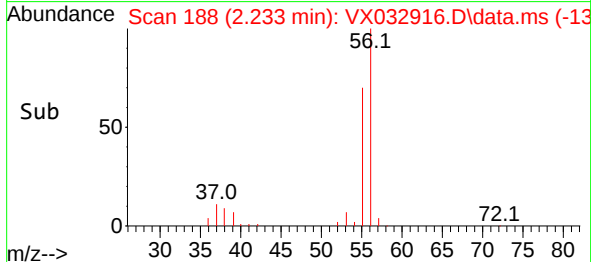
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 61090
Ion Ratio Lower Upper
56 100
55 69.9 56.9 85.3

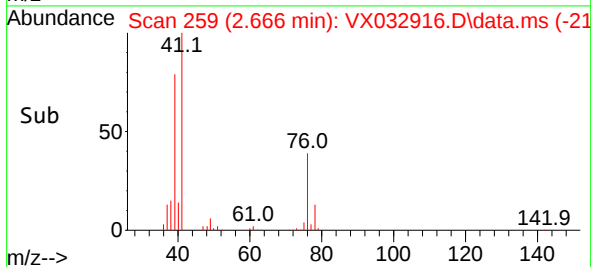
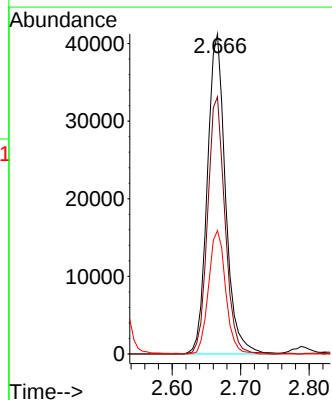
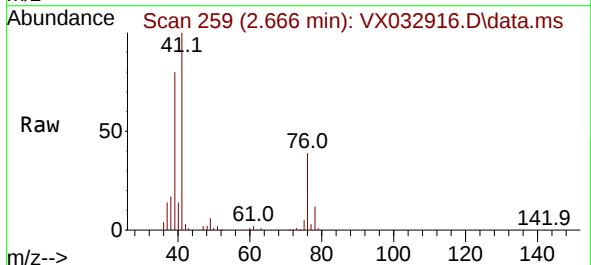
Manual Integrations
APPROVED

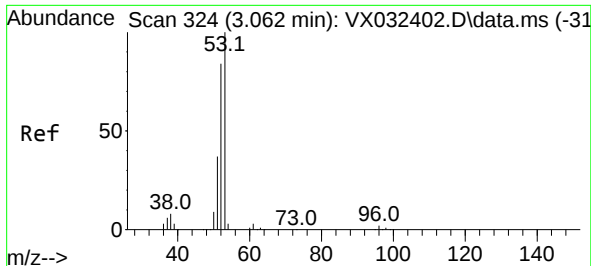
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#14
Allyl chloride
Concen: 52.680 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

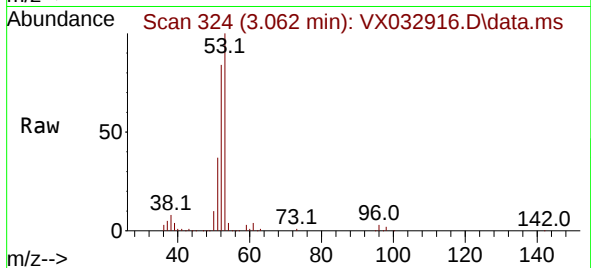
Tgt Ion: 41 Resp: 76207
Ion Ratio Lower Upper
41 100
39 76.4 61.4 92.2
76 36.2 29.2 43.8





#15
Acrylonitrile
Concen: 250.021 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

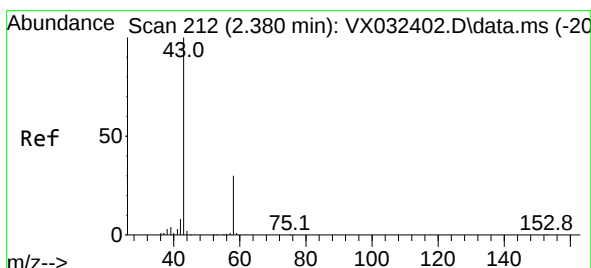
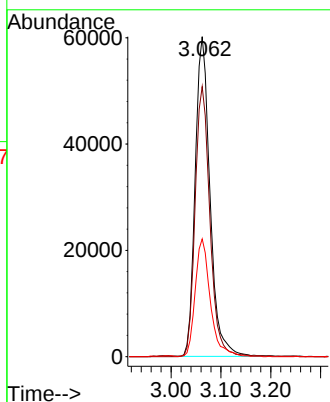
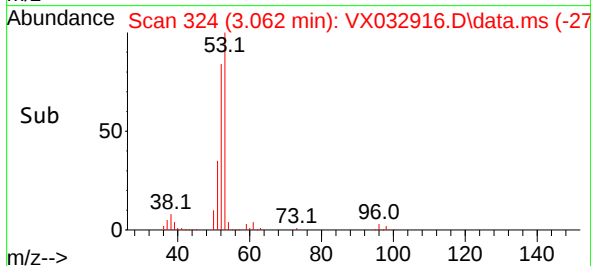
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 124174
Ion Ratio Lower Upper
53 100
52 84.3 67.4 101.0
51 37.3 30.3 45.5

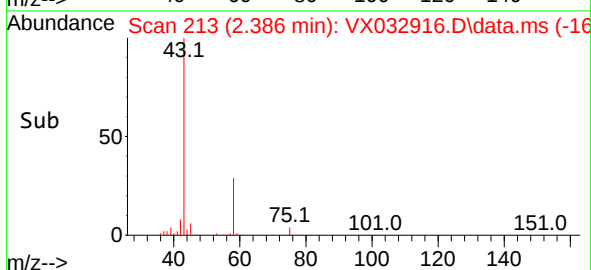
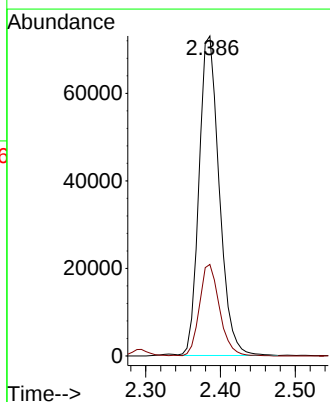
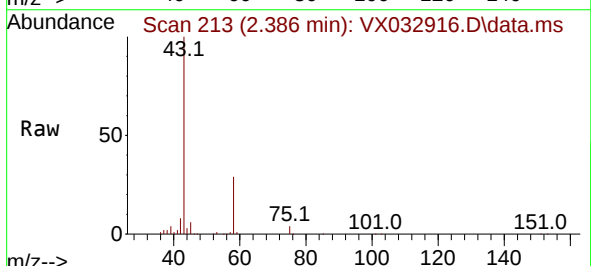
Manual Integrations
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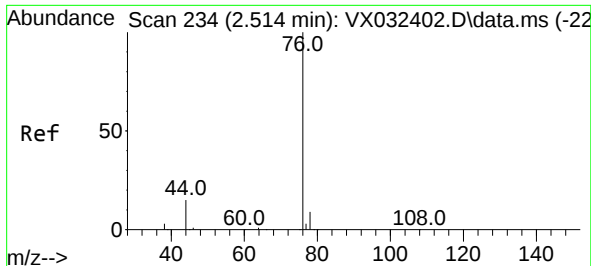
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#16
Acetone
Concen: 299.496 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

Tgt Ion: 43 Resp: 136863
Ion Ratio Lower Upper
43 100
58 28.7 23.8 35.8





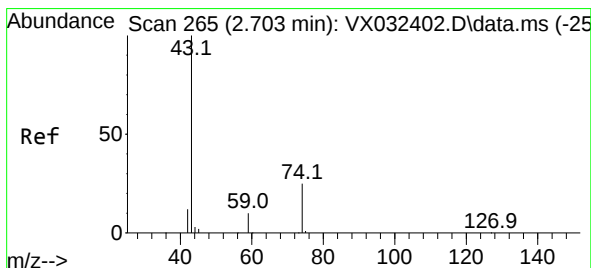
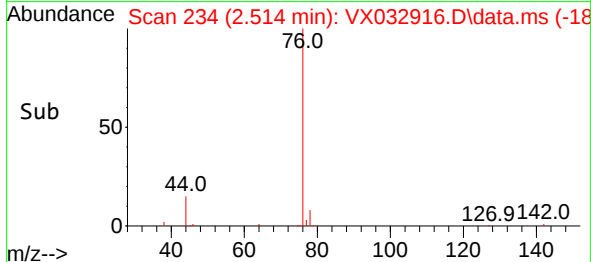
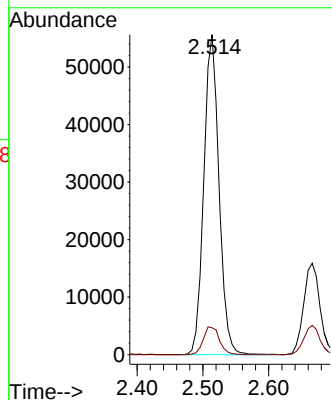
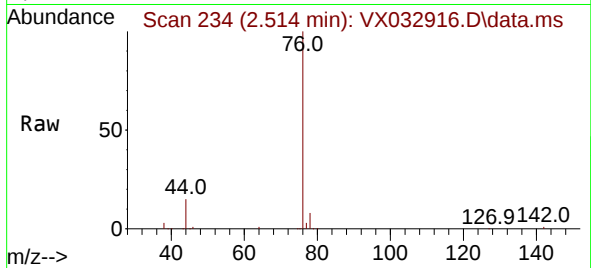
#17
Carbon Disulfide
Concen: 41.305 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 89280
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3

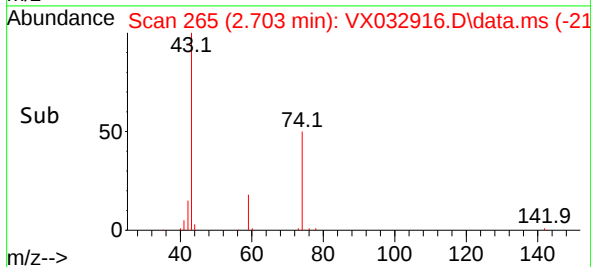
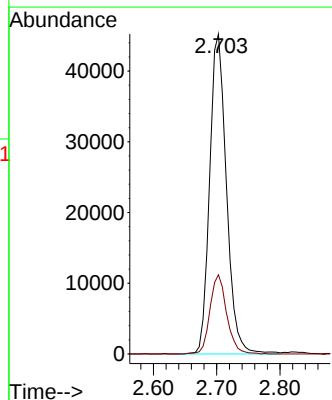
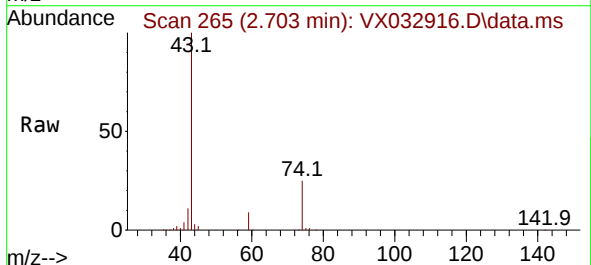
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#18
Methyl Acetate
Concen: 56.235 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

Tgt Ion: 43 Resp: 83567
Ion Ratio Lower Upper
43 100
74 24.6 19.4 29.0





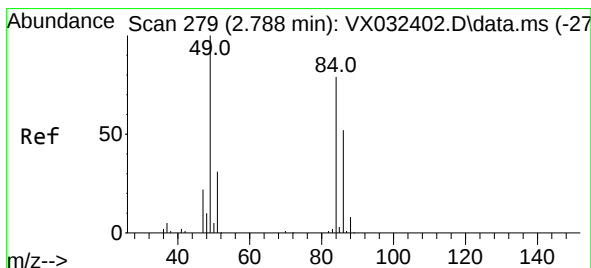
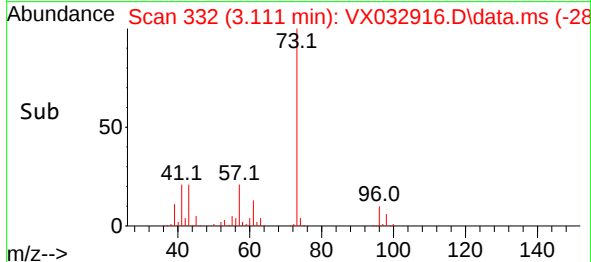
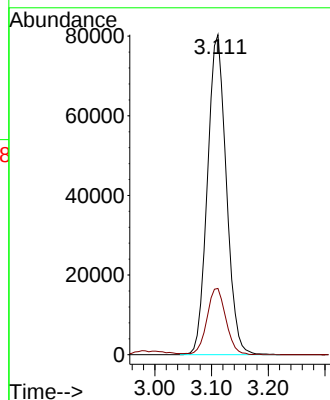
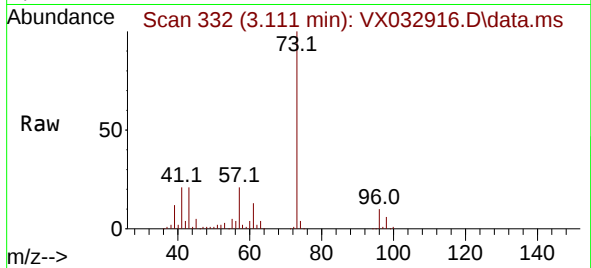
#19
Methyl tert-butyl Ether
Concen: 58.051 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 18515
Ion Ratio Lower Upper
73 100
57 20.7 16.6 25.0

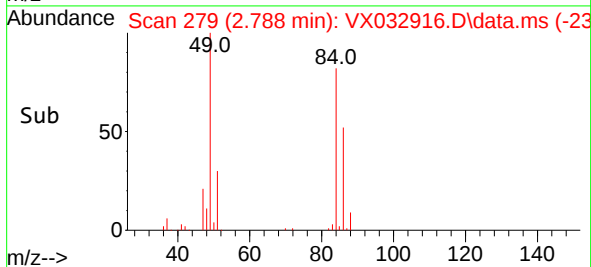
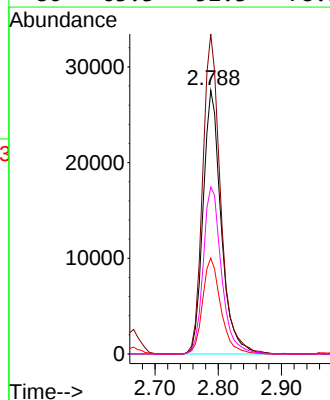
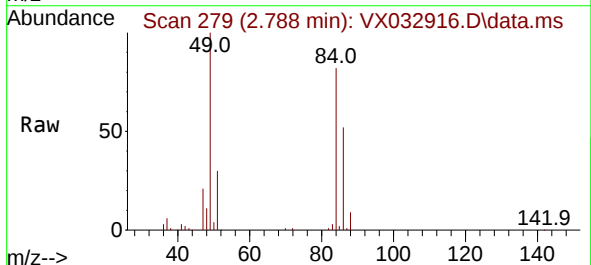
Manual Integrations
APPROVED

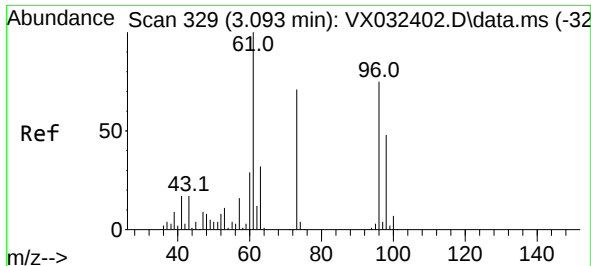
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#20
Methylene Chloride
Concen: 52.313 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

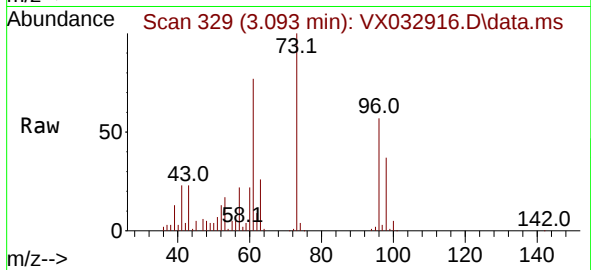
Tgt Ion: 84 Resp: 54812
Ion Ratio Lower Upper
84 100
49 121.3 101.0 151.6
51 36.3 31.1 46.7
86 63.3 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 49.620 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

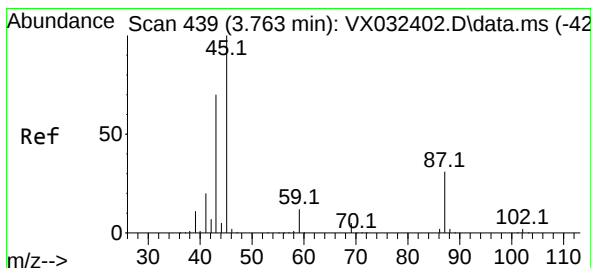
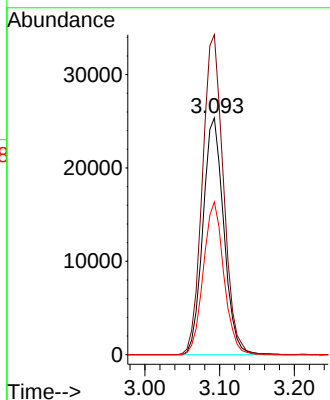
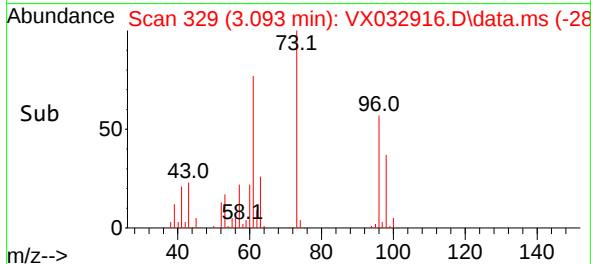
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



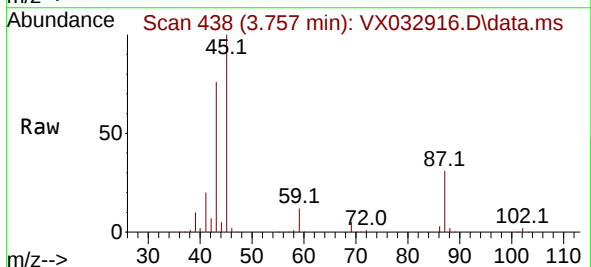
Tgt Ion: 96 Resp: 49014
Ion Ratio Lower Upper
96 100
61 135.1 106.6 160.0
98 64.5 51.0 76.6

Manual Integrations
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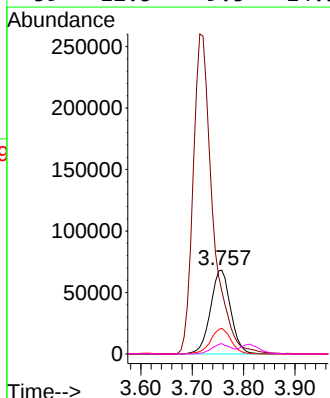
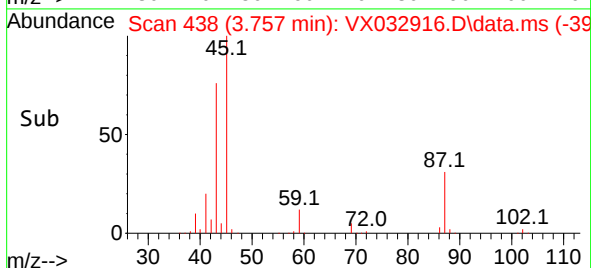
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

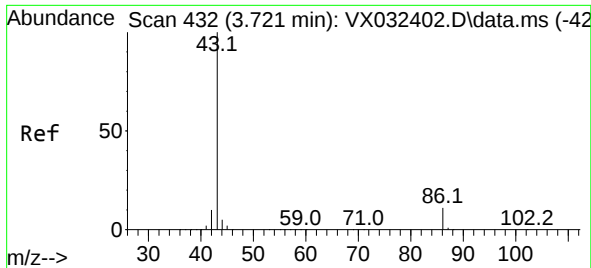


#22
Diisopropyl ether
Concen: 59.334 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40



Tgt Ion: 45 Resp: 185656
Ion Ratio Lower Upper
45 100
43 74.7 56.4 84.6
87 30.7 24.4 36.6
59 12.5 9.5 14.3





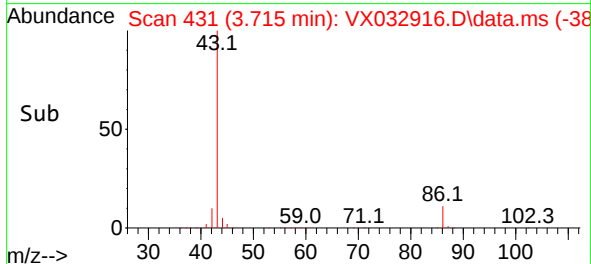
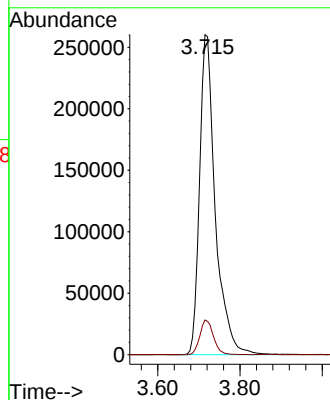
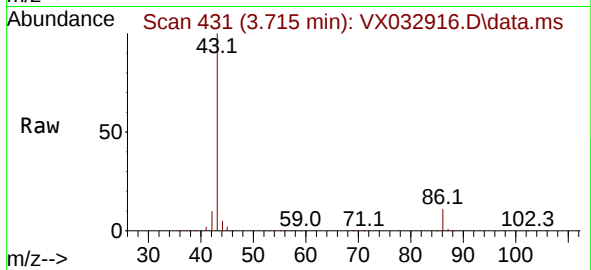
#23
 Vinyl Acetate
 Concen: 273.235 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX032916.D
 Acq: 18 Nov 2022 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 690728
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 12.8

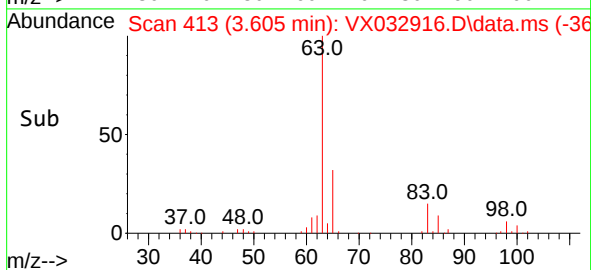
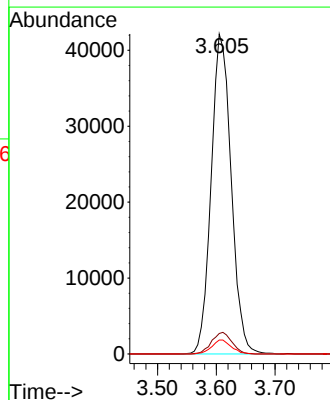
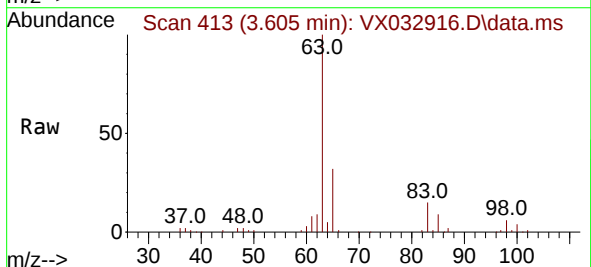
Manual Integrations
 APPROVED

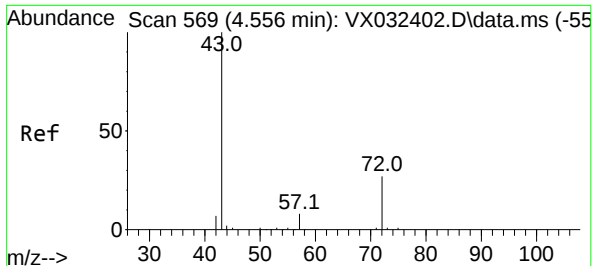
Reviewed By :John Carlone 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022



#24
 1,1-Dichloroethane
 Concen: 55.462 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX032916.D
 Acq: 18 Nov 2022 11:40

Tgt Ion: 63 Resp: 99820
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.4
 100 4.3 2.3 6.8





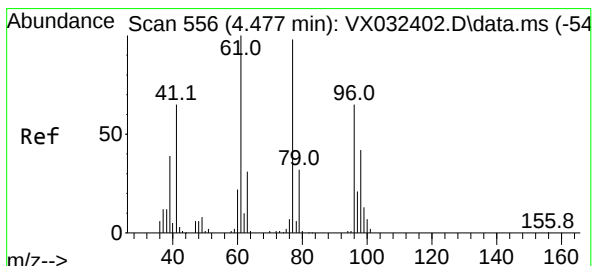
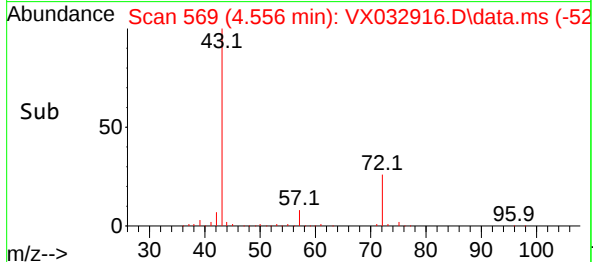
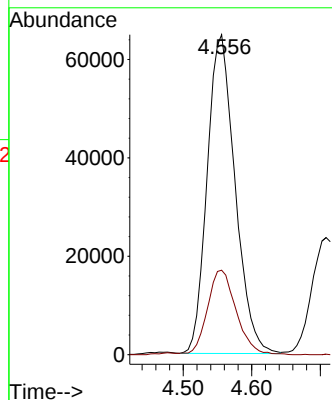
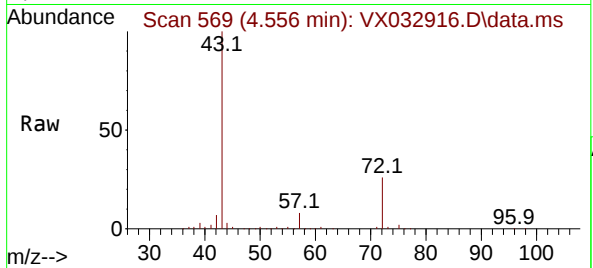
#25
2-Butanone
Concen: 258.431 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 182960
Ion Ratio Lower Upper
43 100
72 26.2 22.2 33.2

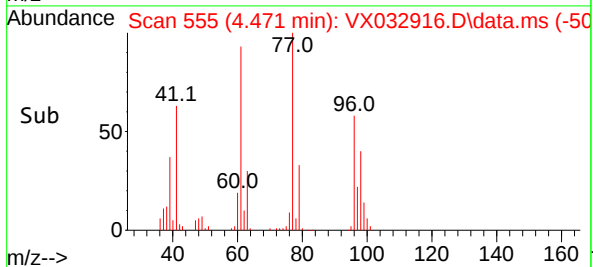
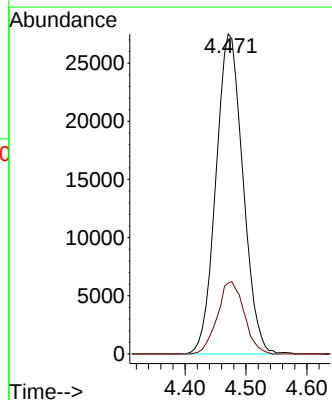
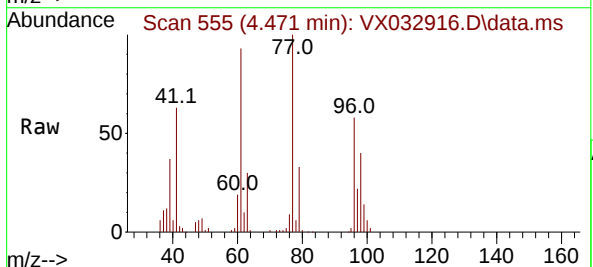
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#26
2,2-Dichloropropane
Concen: 59.224 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

Tgt Ion: 77 Resp: 84731
Ion Ratio Lower Upper
77 100
97 22.4 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 56.125 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX032916.D

Acq: 18 Nov 2022 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 6408

Ion Ratio Lower Upper

96 100

61 145.5 0.0 286.0

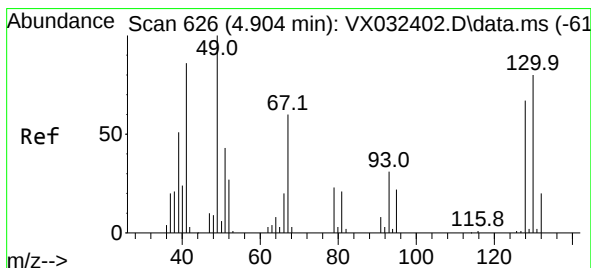
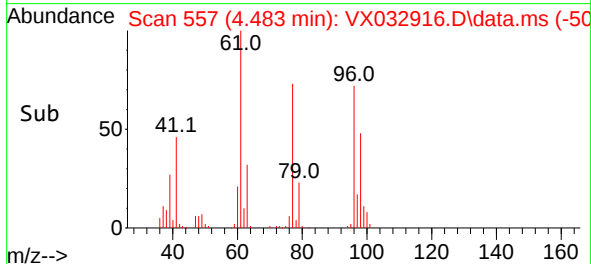
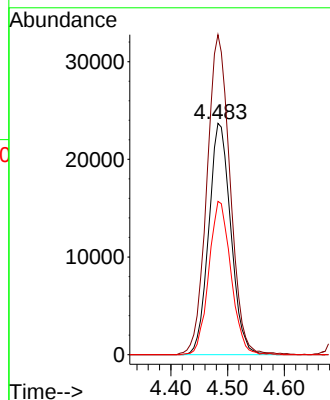
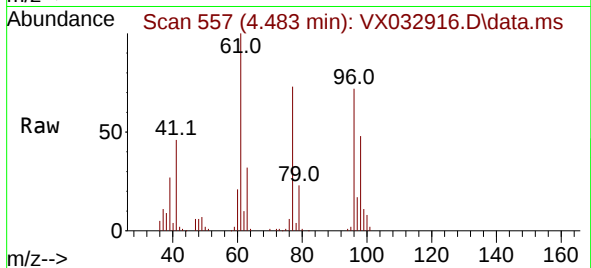
98 66.4 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#28

Bromochloromethane

Concen: 49.495 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.012 min

Lab File: VX032916.D

Acq: 18 Nov 2022 11:40

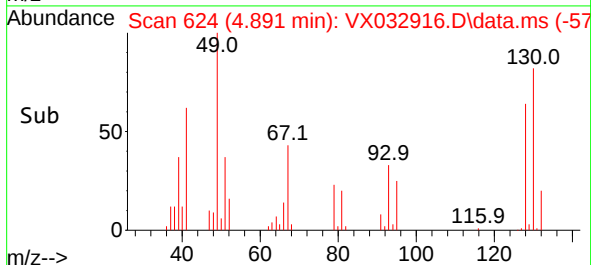
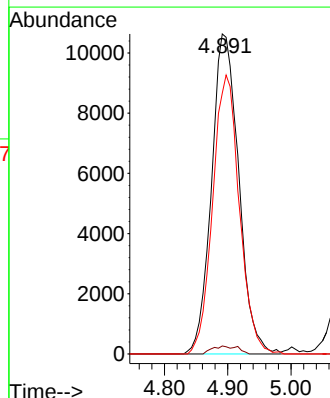
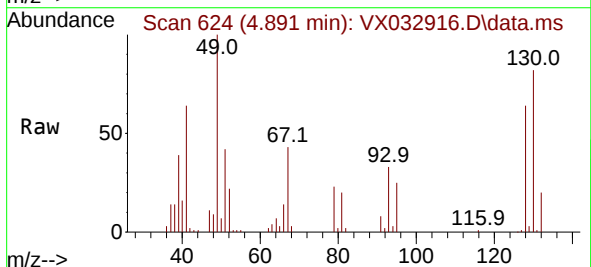
Tgt Ion: 49 Resp: 31730

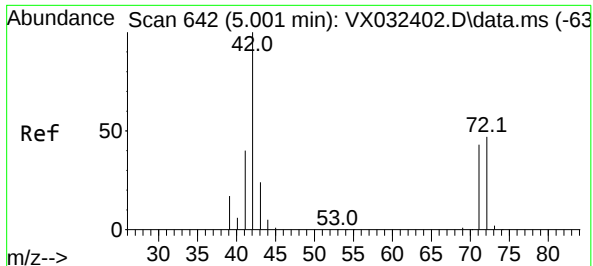
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 85.4 67.5 101.3





#29

Tetrahydrofuran

Concen: 236.487 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX032916.D

Acq: 18 Nov 2022 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 106764

Ion Ratio Lower Upper

42 100

72 48.7 37.6 56.4

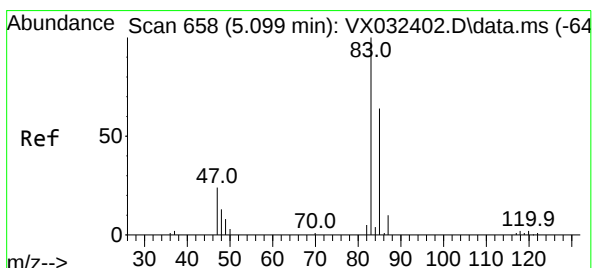
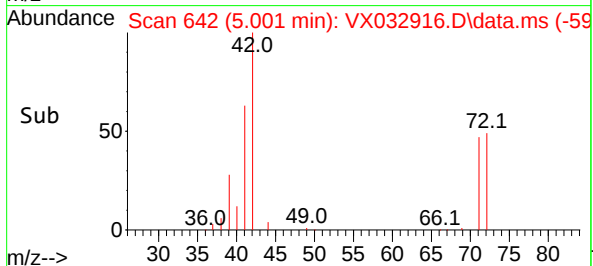
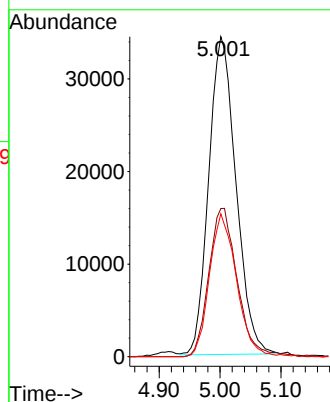
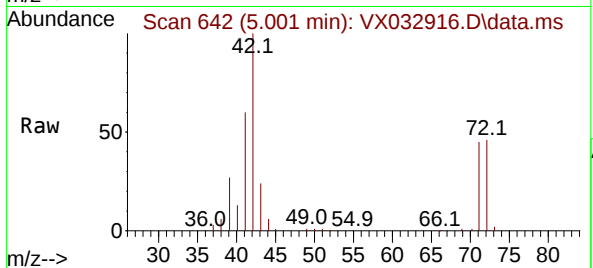
71 44.6 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#30

Chloroform

Concen: 58.885 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.012 min

Lab File: VX032916.D

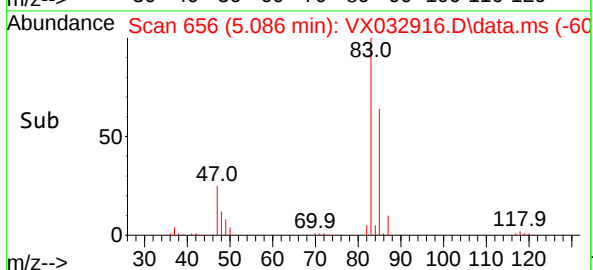
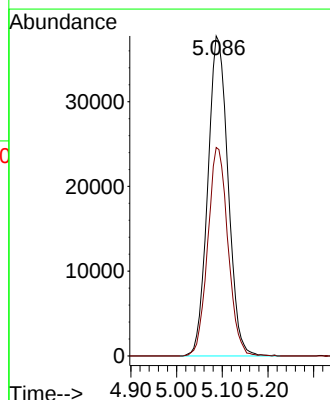
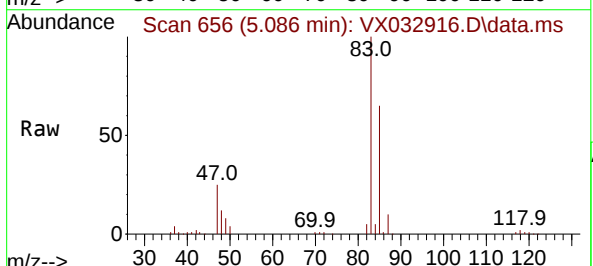
Acq: 18 Nov 2022 11:40

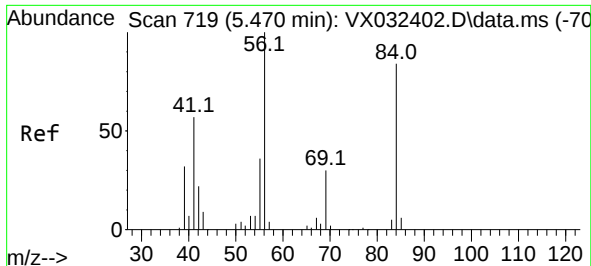
Tgt Ion: 83 Resp: 116292

Ion Ratio Lower Upper

83 100

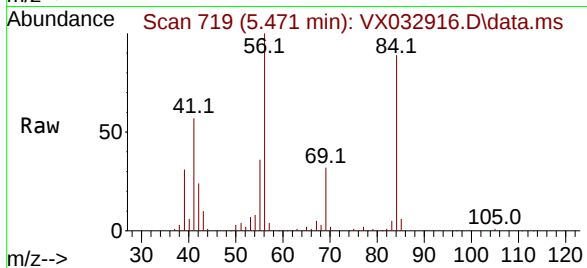
85 65.2 51.1 76.7





#31
Cyclohexane
Concen: 49.147 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

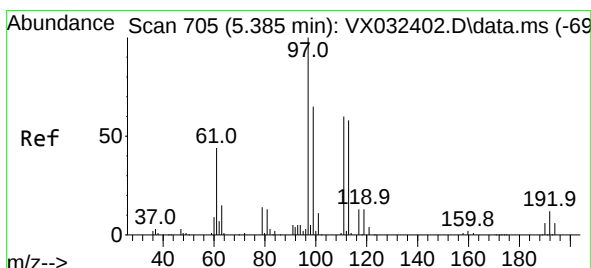
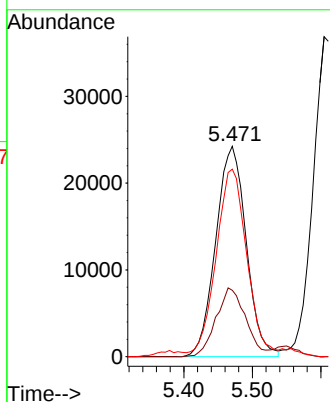
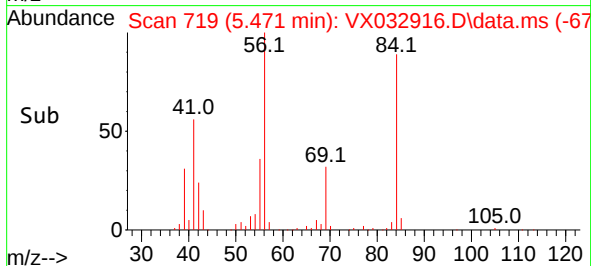
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



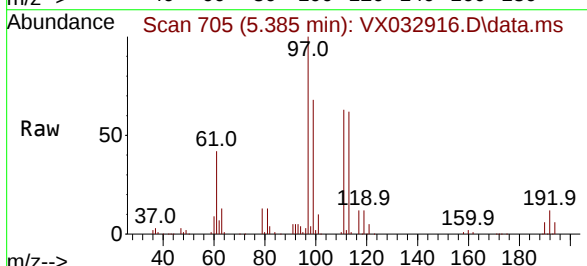
Tgt Ion: 56 Resp: 74924
Ion Ratio Lower Upper
56 100
69 31.6 24.1 36.1
84 86.8 66.9 100.3

Manual Integrations
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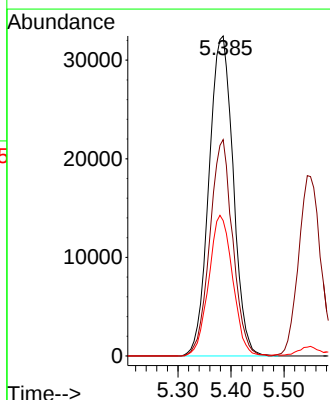
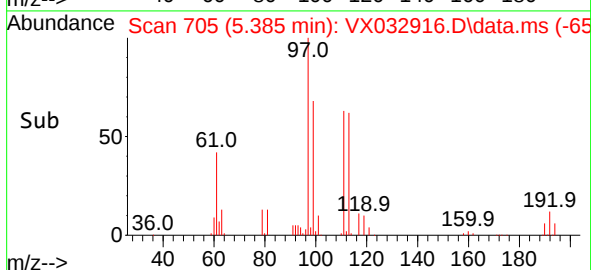
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

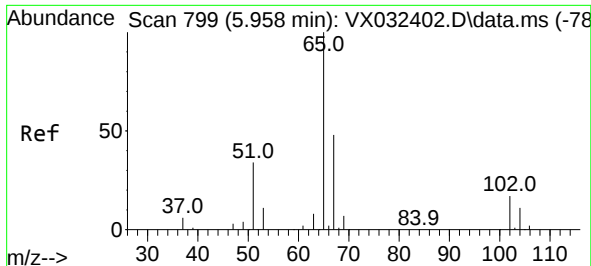


#32
1,1,1-Trichloroethane
Concen: 58.081 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40



Tgt Ion: 97 Resp: 102931
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.0
61 43.5 35.2 52.8





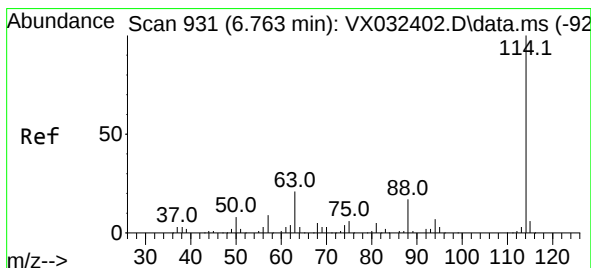
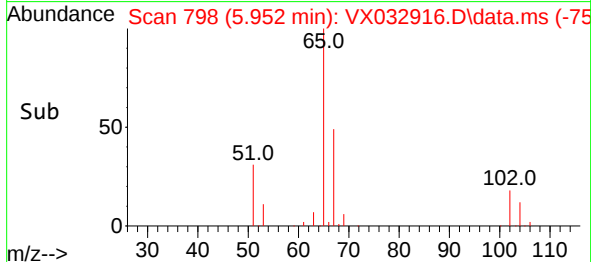
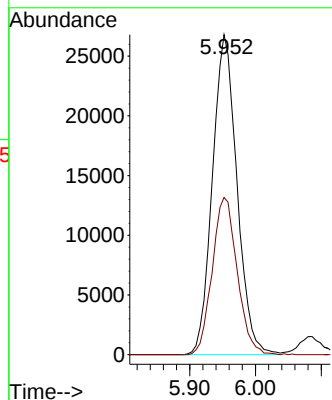
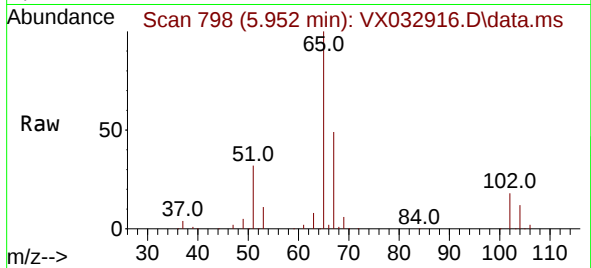
#33
 1,2-Dichloroethane-d4
 Concen: 55.389 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX032916.D
 Acq: 18 Nov 2022 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 6964
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 101.8

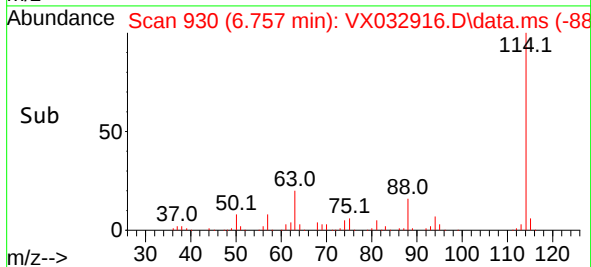
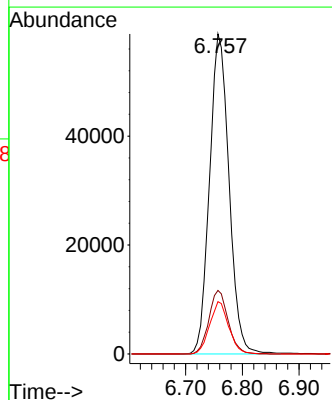
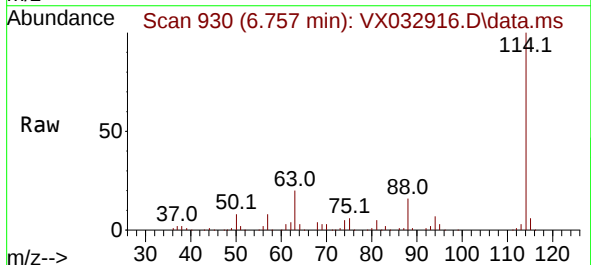
Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX032916.D
 Acq: 18 Nov 2022 11:40

Tgt Ion:114 Resp: 140213
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.6
 88 16.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 58.792 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032916.D

Acq: 18 Nov 2022 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

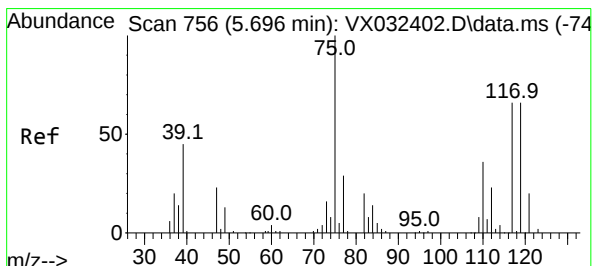
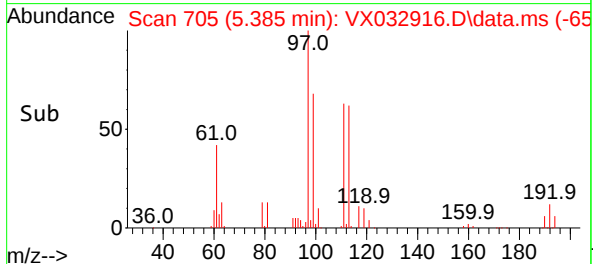
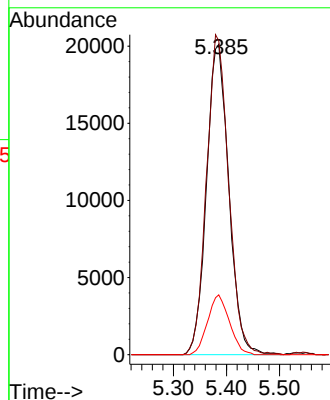
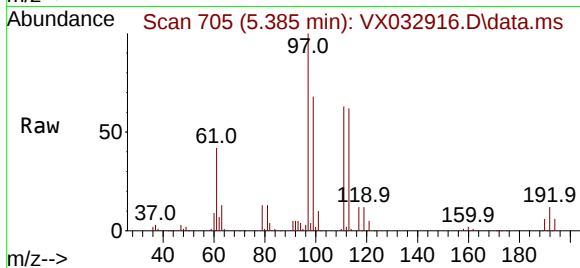
Tgt Ion:	113	Resp:	5880
Ion Ratio	Lower	Upper	
113	100		
111	102.0	82.4	123.6
192	18.9	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#36

1,1-Dichloropropene

Concen: 53.237 ug/l

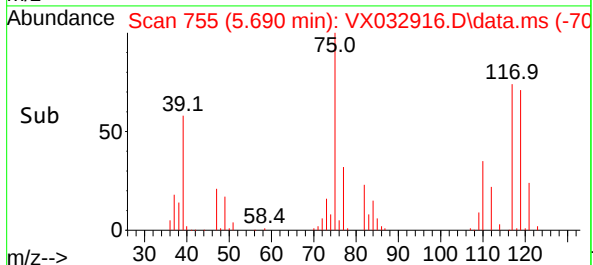
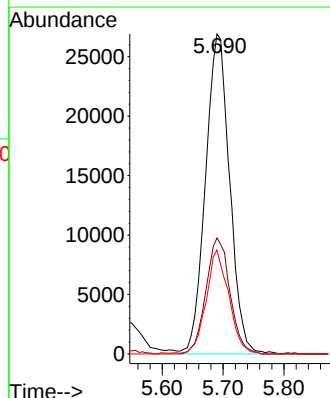
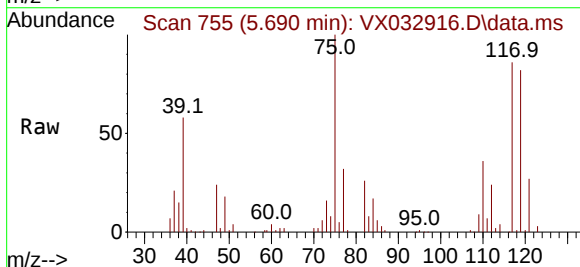
RT: 5.690 min Scan# 755

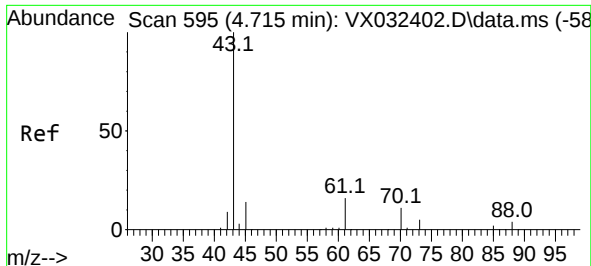
Delta R.T. -0.006 min

Lab File: VX032916.D

Acq: 18 Nov 2022 11:40

Tgt Ion:	75	Resp:	74147
Ion Ratio	Lower	Upper	
75	100		
110	36.0	18.4	55.2
77	30.5	24.5	36.7





#37

Ethyl Acetate

Concen: 48.642 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX032916.D

Acq: 18 Nov 2022 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

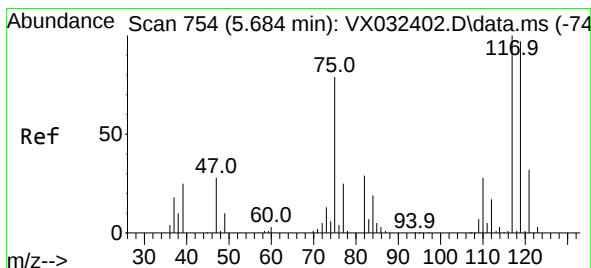
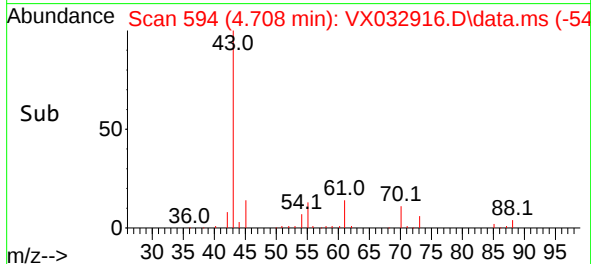
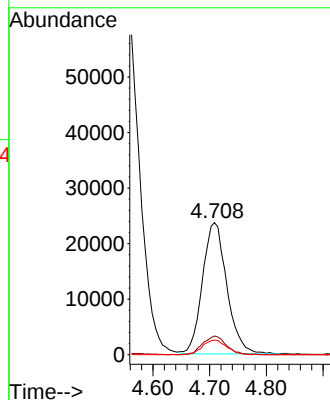
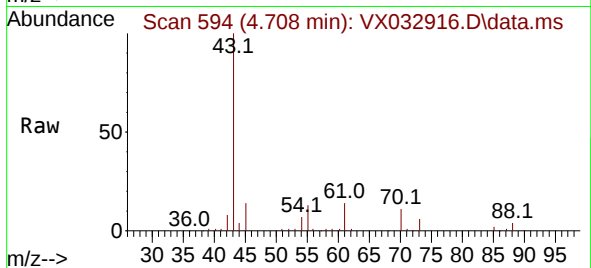
Tgt Ion:	43	Resp:	70518
Ion Ratio	Lower	Upper	
43	100		
61	13.8	11.5	17.3
70	11.0	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#38

Carbon Tetrachloride

Concen: 57.121 ug/l

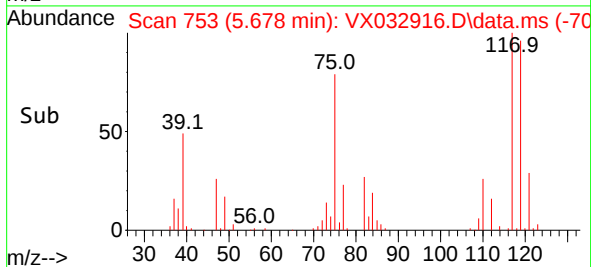
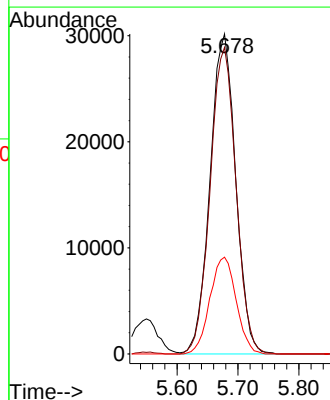
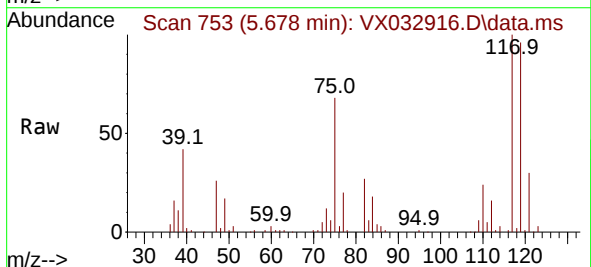
RT: 5.678 min Scan# 753

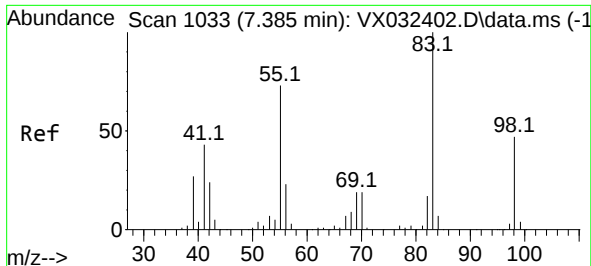
Delta R.T. -0.006 min

Lab File: VX032916.D

Acq: 18 Nov 2022 11:40

Tgt Ion:	117	Resp:	88239
Ion Ratio	Lower	Upper	
117	100		
119	95.8	77.2	115.8
121	30.3	25.8	38.6





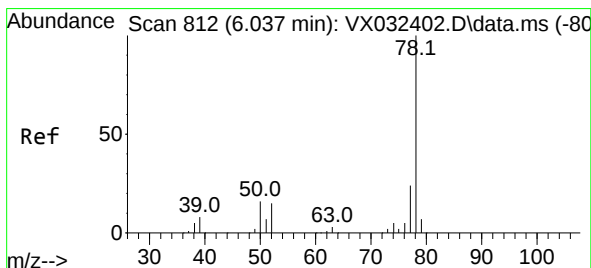
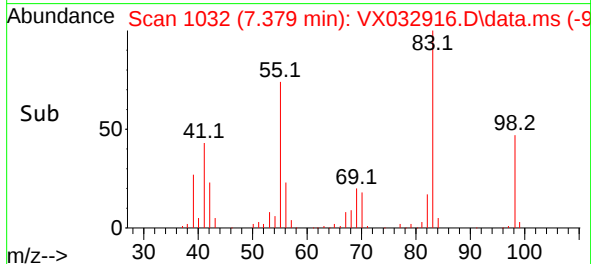
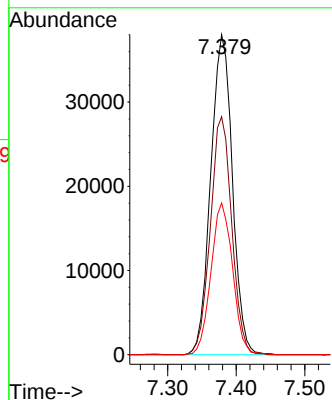
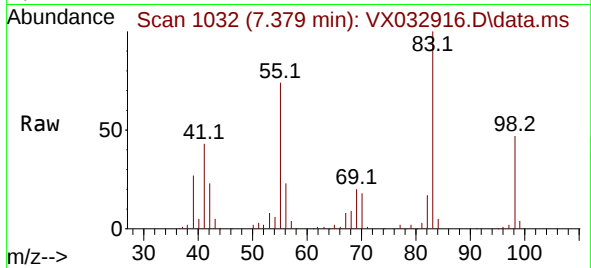
#39
Methylcyclohexane
Concen: 50.640 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 8344
Ion Ratio Lower Upper
83 100
55 74.4 58.4 87.6
98 47.4 37.2 55.8

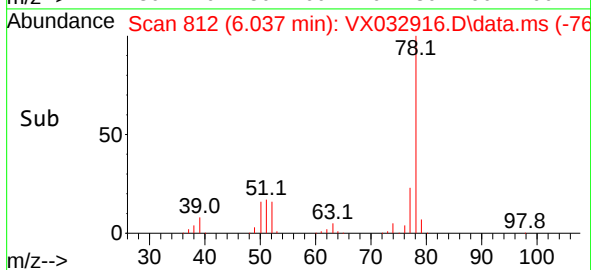
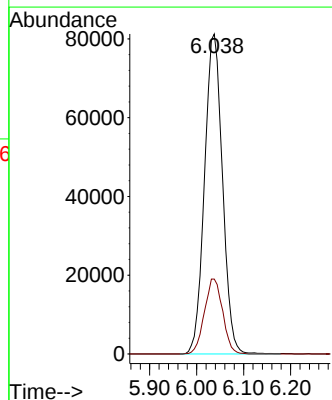
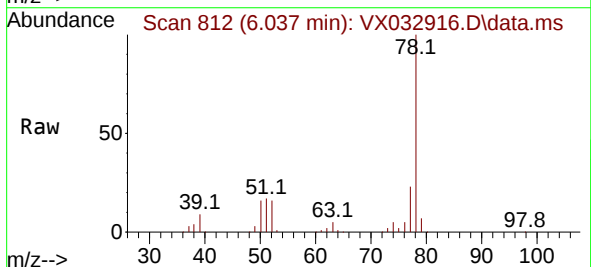
Manual Integrations
APPROVED

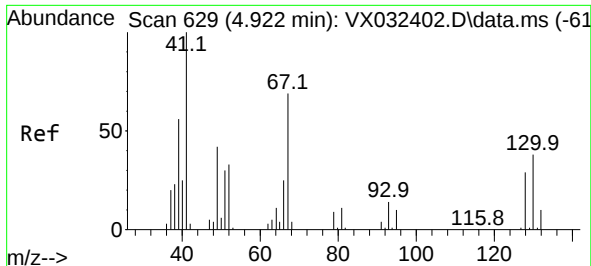
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#40
Benzene
Concen: 54.630 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

Tgt Ion: 78 Resp: 215310
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4





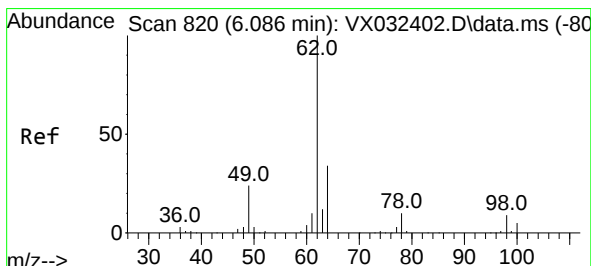
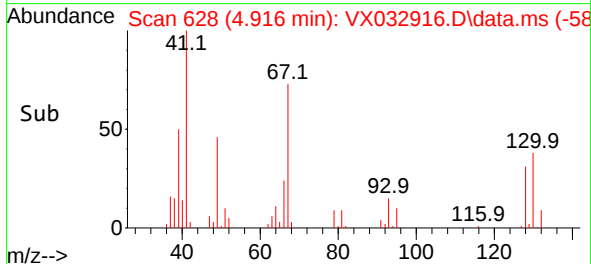
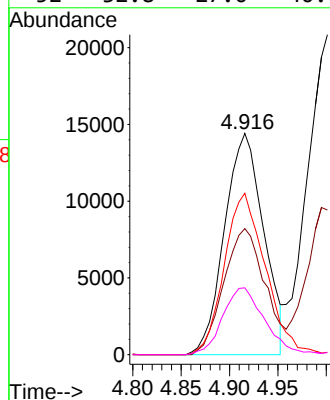
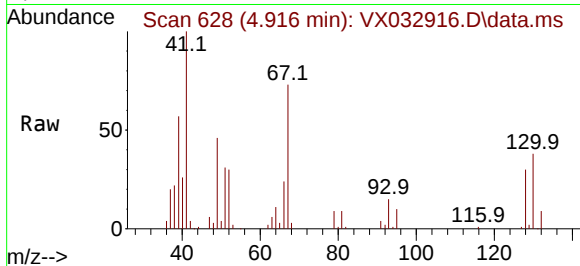
#41
Methacrylonitrile
Concen: 54.919 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 4055
Ion Ratio Lower Upper
41 100
39 60.6 47.5 71.3
67 76.9 60.5 90.7
52 32.8 27.0 40.6

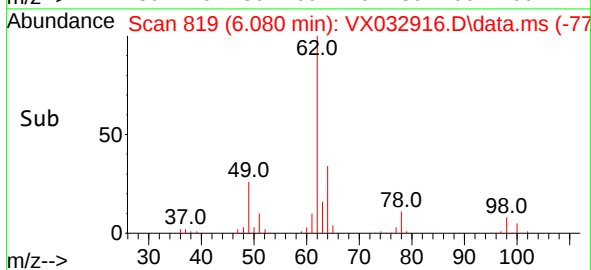
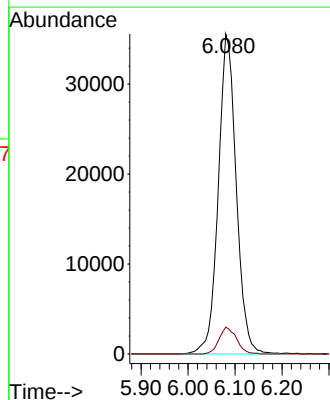
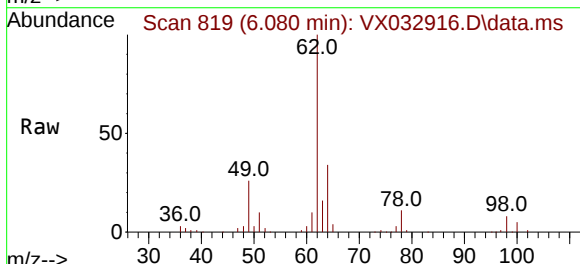
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#42
1,2-Dichloroethane
Concen: 58.675 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

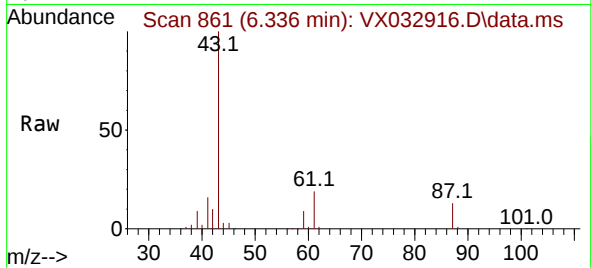
Tgt Ion: 62 Resp: 94531
Ion Ratio Lower Upper
62 100
98 8.2 0.0 16.0





#43
Isopropyl Acetate
Concen: 54.686 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

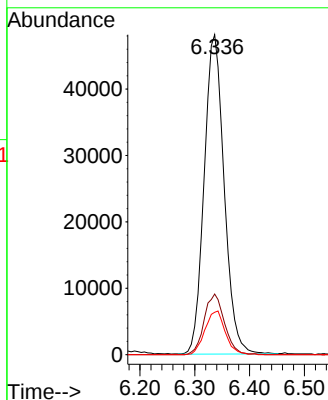
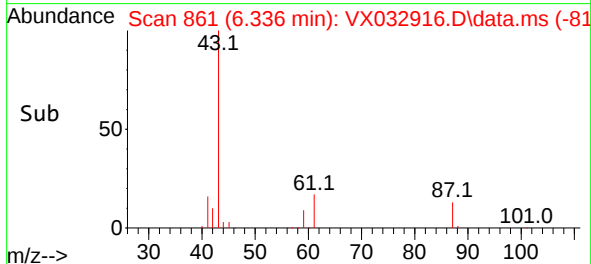
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 121728
Ion Ratio Lower Upper
43 100
61 19.3 15.4 23.0
87 13.9 10.8 16.2

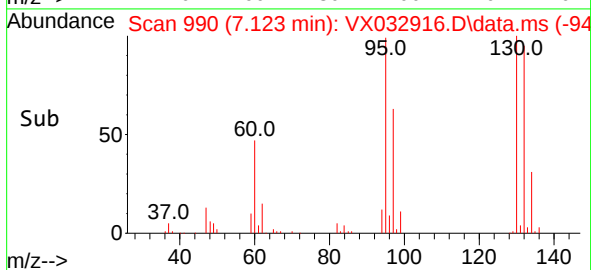
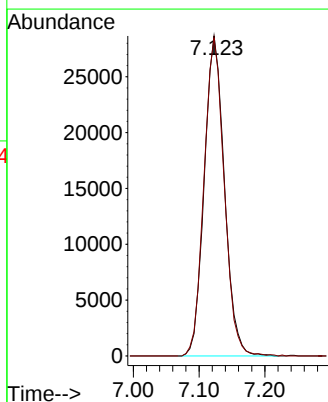
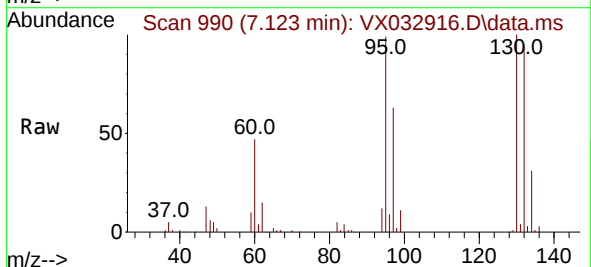
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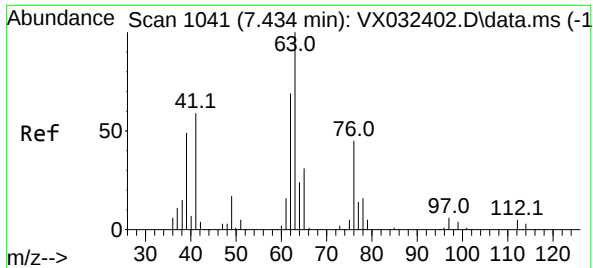
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#44
Trichloroethene
Concen: 55.117 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

Tgt Ion:130 Resp: 61152
Ion Ratio Lower Upper
130 100
95 99.4 0.0 195.2





#45

1,2-Dichloropropane

Concen: 58.097 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX032916.D

Acq: 18 Nov 2022 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 58778

Ion Ratio Lower Upper

63 100

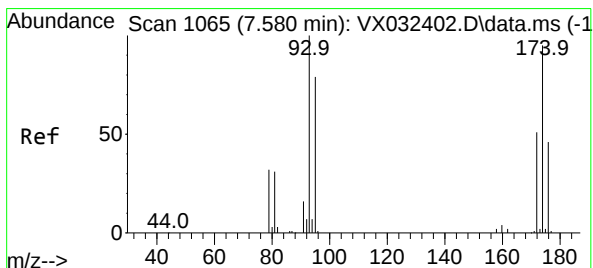
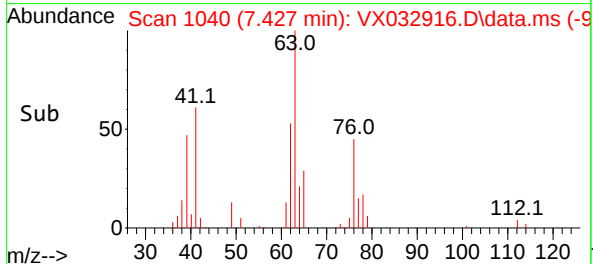
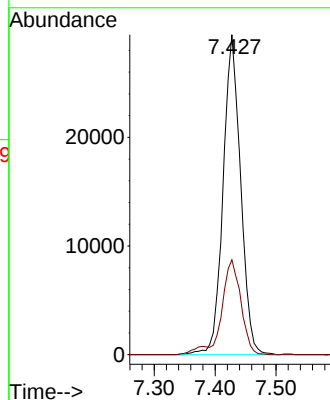
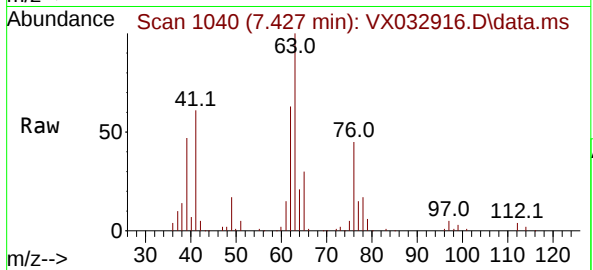
65 29.6 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#46

Dibromomethane

Concen: 57.931 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX032916.D

Acq: 18 Nov 2022 11:40

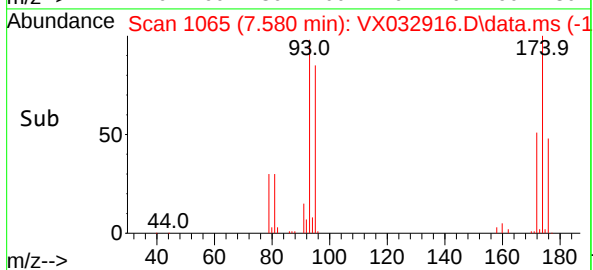
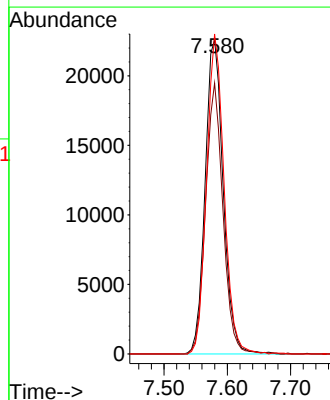
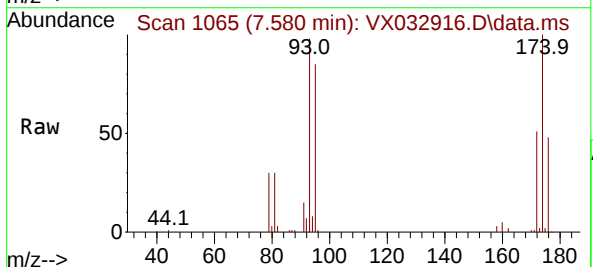
Tgt Ion: 93 Resp: 44949

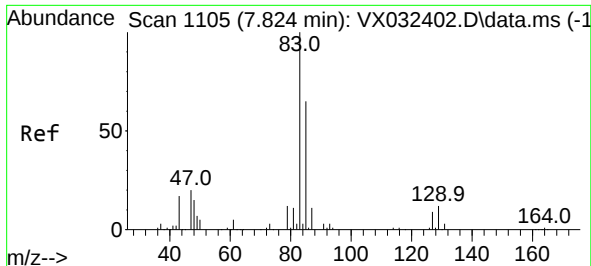
Ion Ratio Lower Upper

93 100

95 82.8 65.8 98.8

174 98.3 79.8 119.6





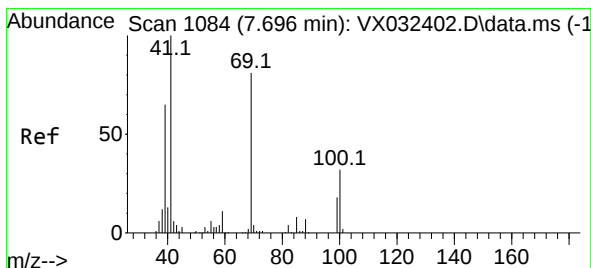
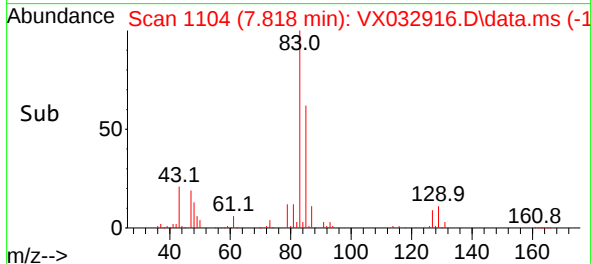
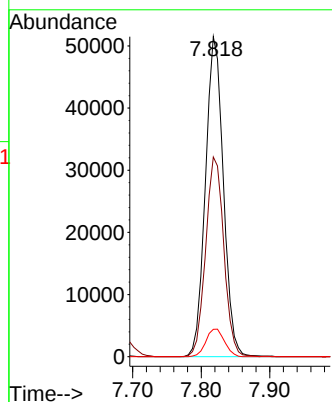
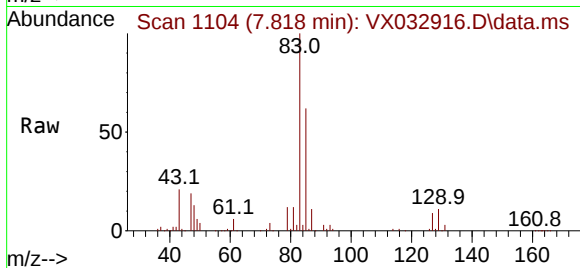
#47
Bromodichloromethane
Concen: 63.746 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 9374
Ion Ratio Lower Upper
83 100
85 62.4 52.2 78.4
127 8.5 7.4 11.2

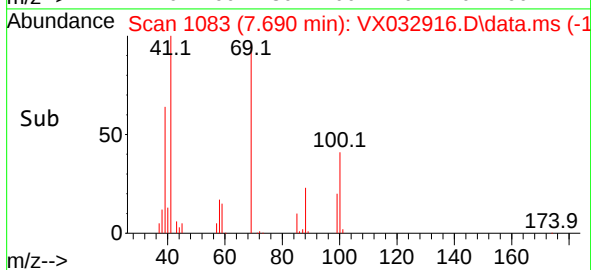
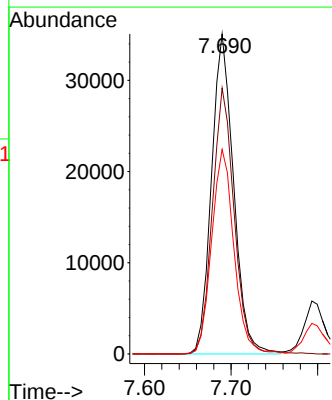
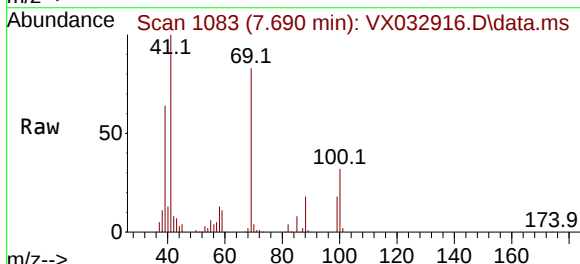
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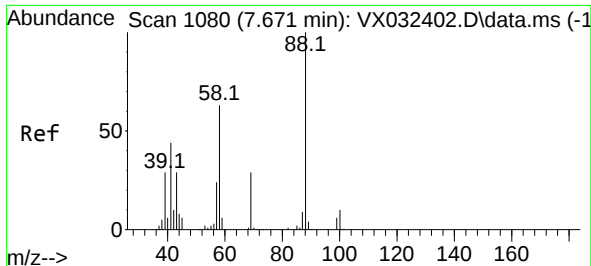
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#48
Methyl methacrylate
Concen: 54.002 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

Tgt Ion: 41 Resp: 62082
Ion Ratio Lower Upper
41 100
69 82.2 65.1 97.7
39 64.6 51.9 77.9





#49

1,4-Dioxane

Concen: 909.045 ug/l

RT: 7.690 min Scan# 1080

Delta R.T. 0.018 min

Lab File: VX032916.D

Acq: 18 Nov 2022 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 19910

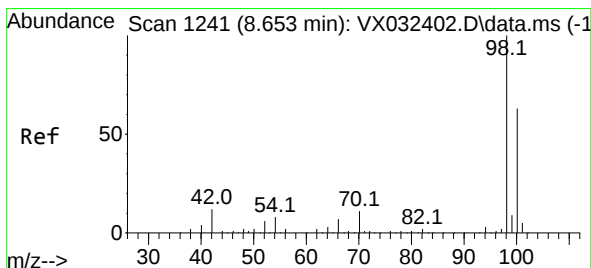
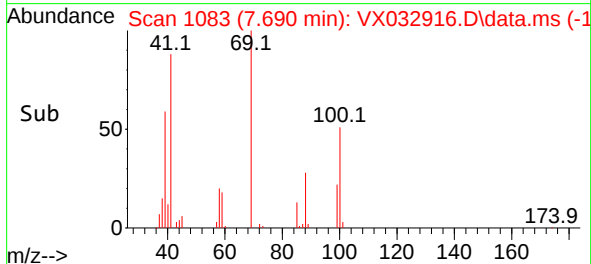
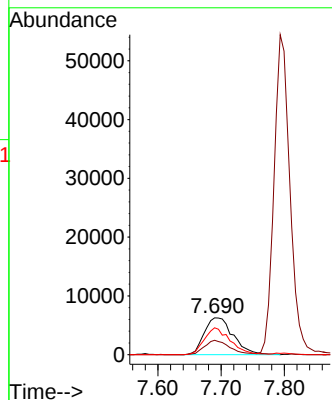
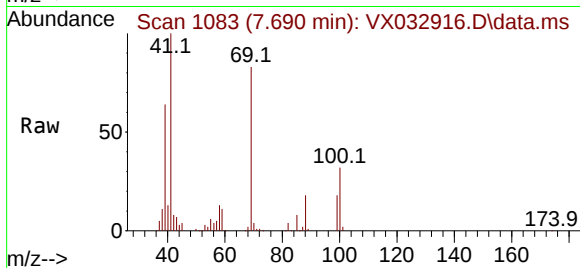
Ion	Ratio	Lower	Upper
88	100		
43	34.6	26.6	39.8
58	65.5	51.7	77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#50

Toluene-d8

Concen: 53.549 ug/l

RT: 8.647 min Scan# 1240

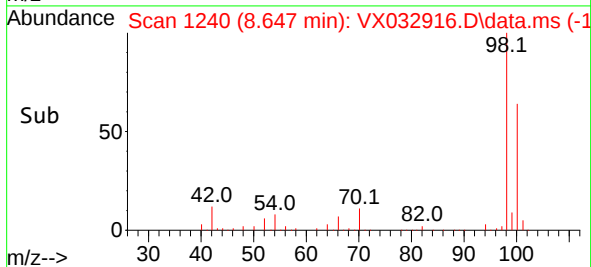
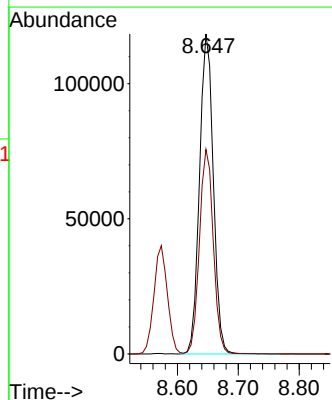
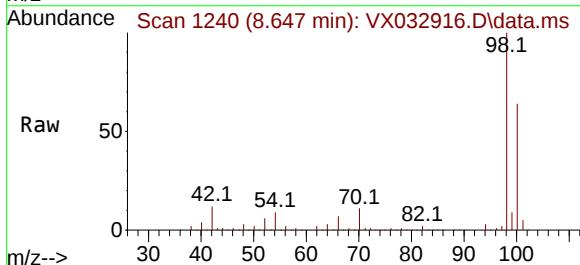
Delta R.T. -0.006 min

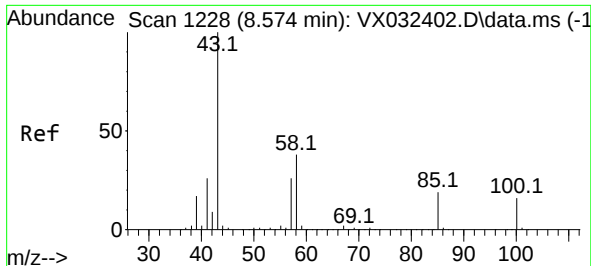
Lab File: VX032916.D

Acq: 18 Nov 2022 11:40

Tgt Ion: 98 Resp: 186229

Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.9	76.3





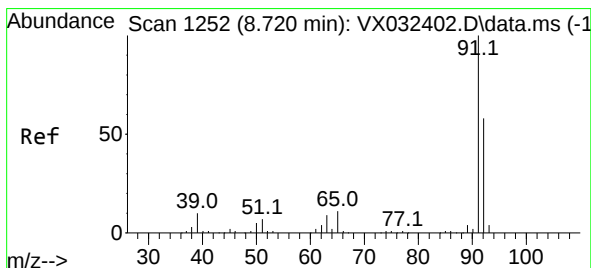
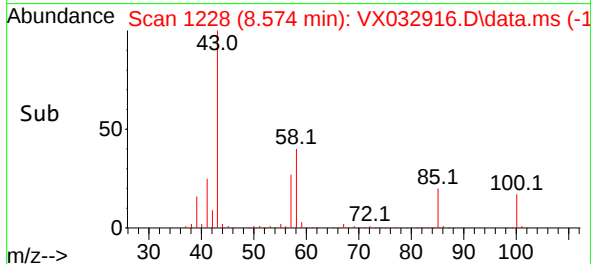
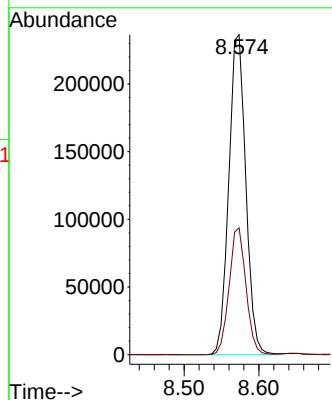
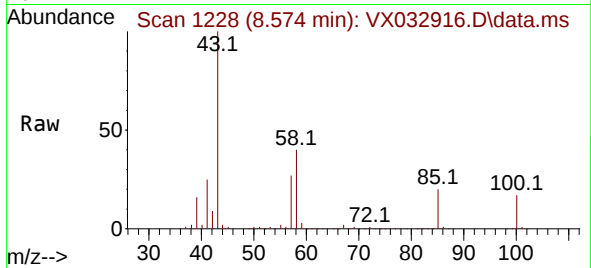
#51
4-Methyl-2-Pentanone
Concen: 267.454 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 374988
Ion Ratio Lower Upper
43 100
58 39.3 30.9 46.3

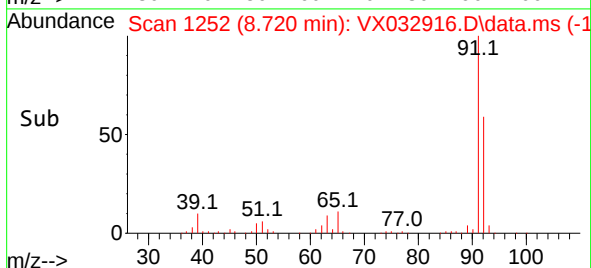
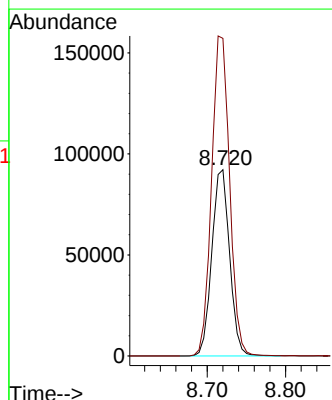
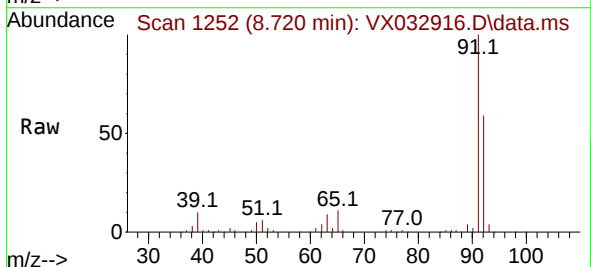
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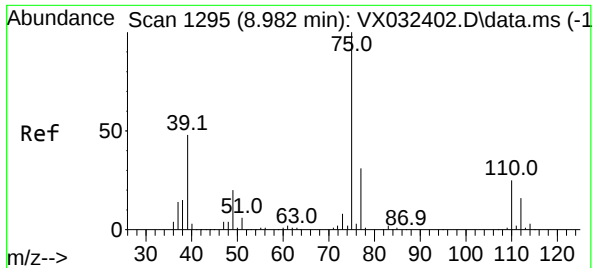
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#52
Toluene
Concen: 56.492 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

Tgt Ion: 92 Resp: 145263
Ion Ratio Lower Upper
92 100
91 174.5 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 62.213 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX032916.D

Acq: 18 Nov 2022 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 9334

Ion Ratio Lower Upper

75 100

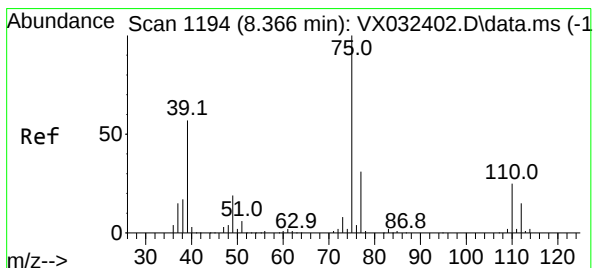
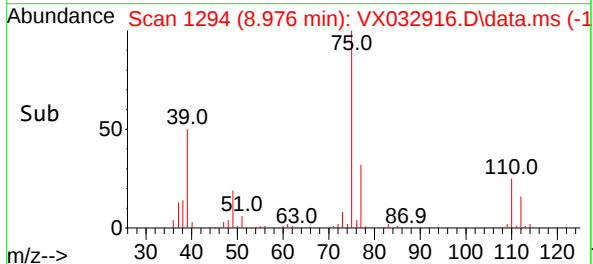
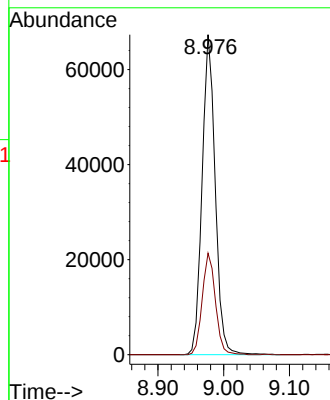
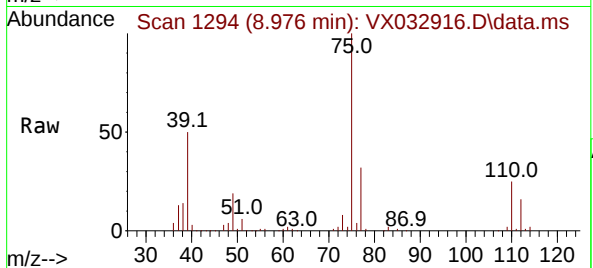
77 31.7 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#54

cis-1,3-Dichloropropene

Concen: 60.481 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032916.D

Acq: 18 Nov 2022 11:40

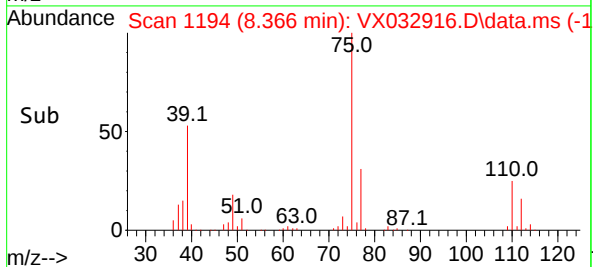
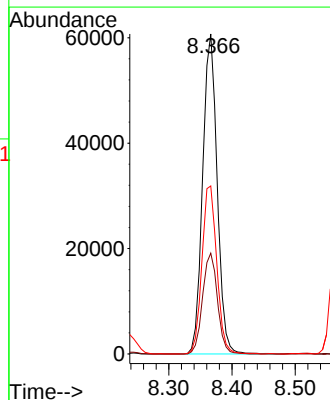
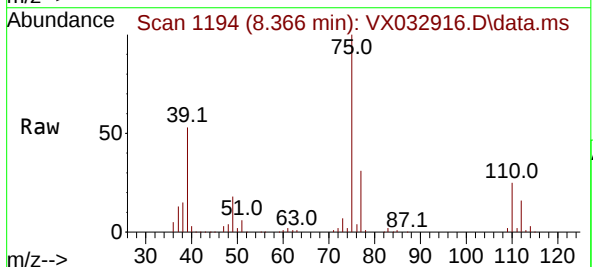
Tgt Ion: 75 Resp: 97060

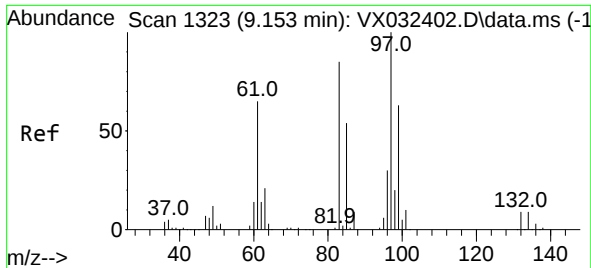
Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7

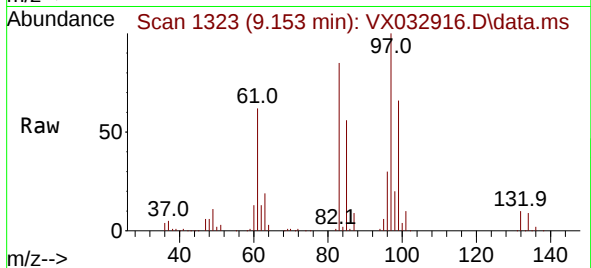
39 52.5 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 60.814 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

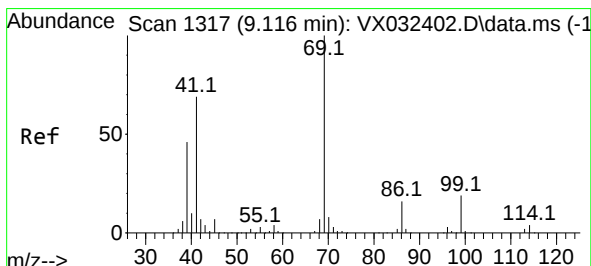
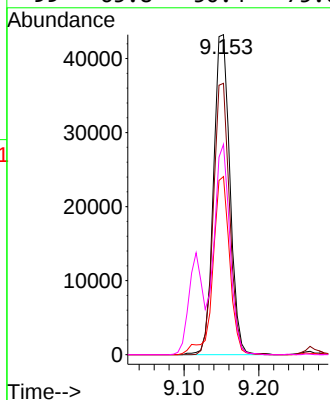
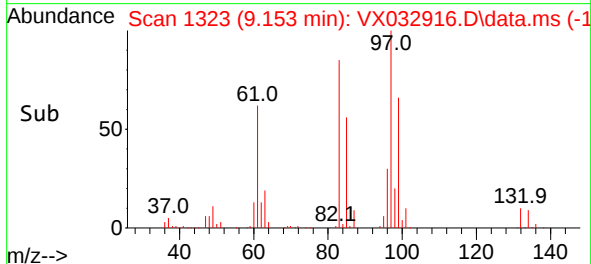


Tgt Ion: 97 Resp: 6585

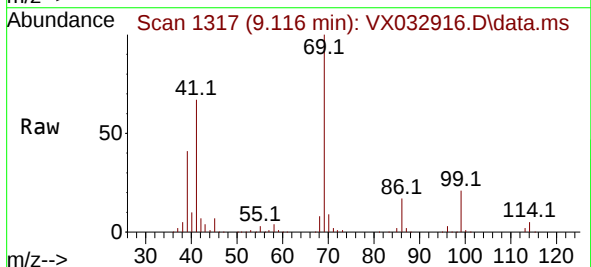
Ion	Ratio	Lower	Upper
97	100		
83	84.8	68.1	102.1
85	55.7	43.3	64.9
99	65.8	50.4	75.6

Manual Integrations
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Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

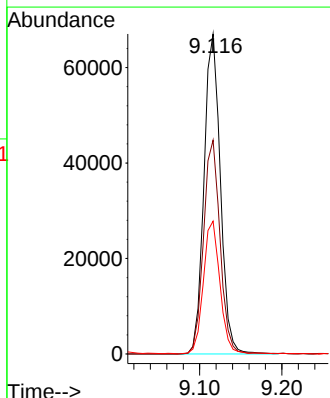
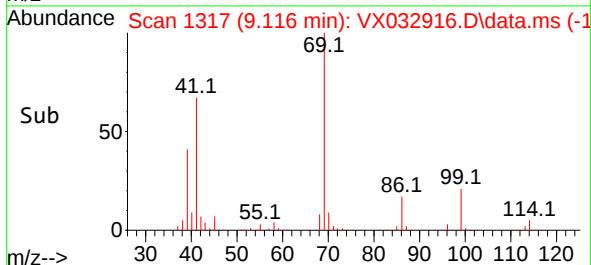


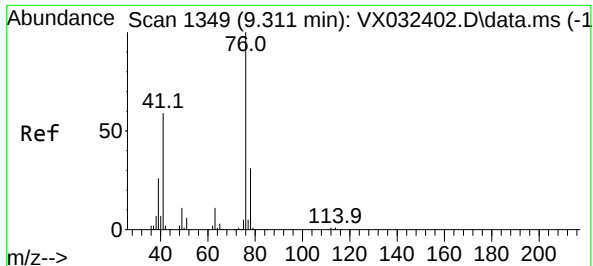
#56
Ethyl methacrylate
Concen: 59.581 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40



Tgt Ion: 69 Resp: 92852

Ion	Ratio	Lower	Upper
69	100		
41	67.6	54.3	81.5
39	42.4	35.2	52.8





#57

1,3-Dichloropropane

Concen: 59.068 ug/l

RT: 9.305 min Scan# 11349

Delta R.T. -0.006 min

Lab File: VX032916.D

Acq: 18 Nov 2022 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 103299

Ion Ratio Lower Upper

76 100

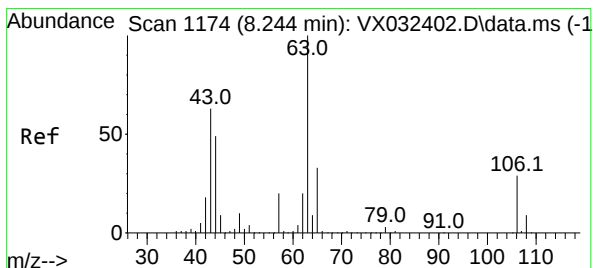
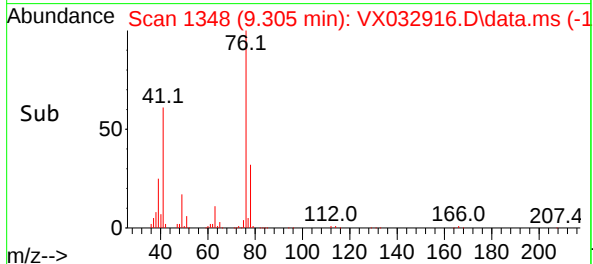
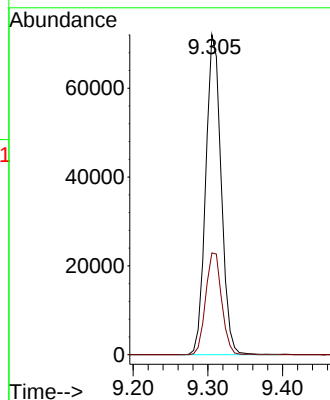
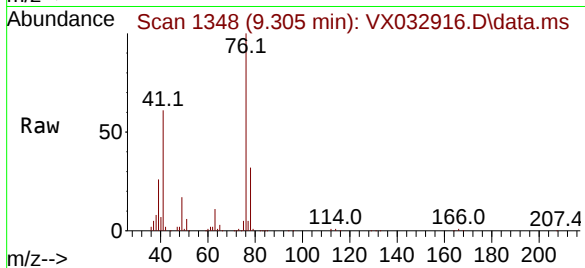
78 32.9 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 291.888 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX032916.D

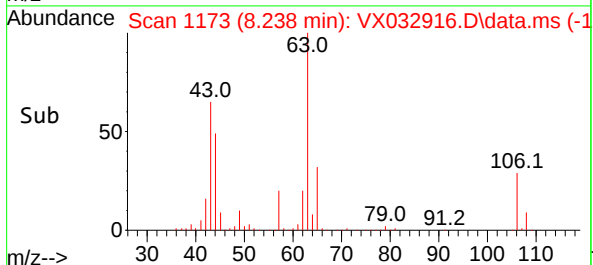
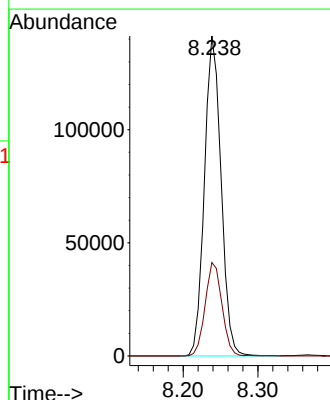
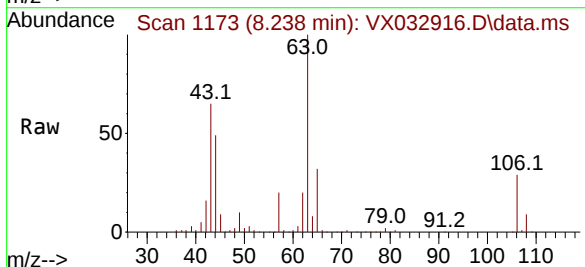
Acq: 18 Nov 2022 11:40

Tgt Ion: 63 Resp: 219030

Ion Ratio Lower Upper

63 100

106 29.5 23.3 34.9





#59

2-Hexanone

Concen: 269.952 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX032916.D

Acq: 18 Nov 2022 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 28084

Ion Ratio Lower Upper

43 100

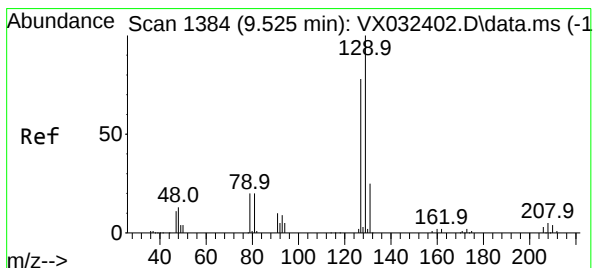
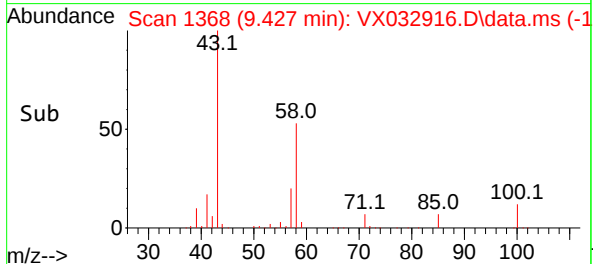
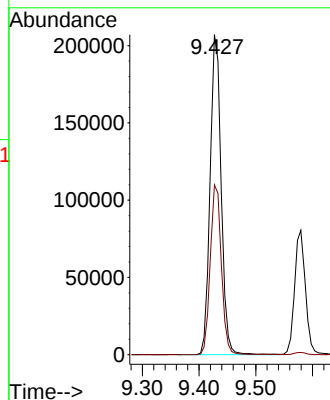
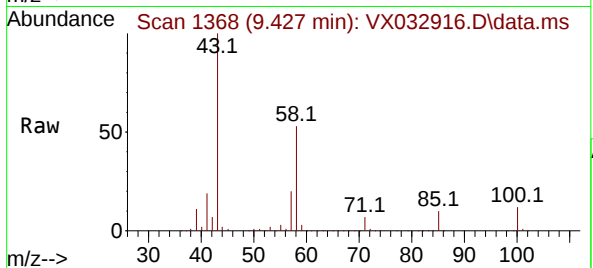
58 53.4 26.5 79.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#60

Dibromochloromethane

Concen: 63.345 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX032916.D

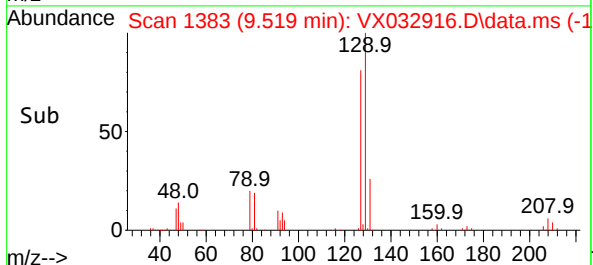
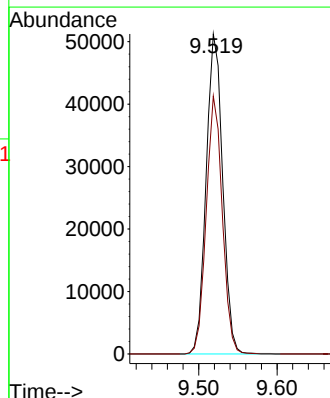
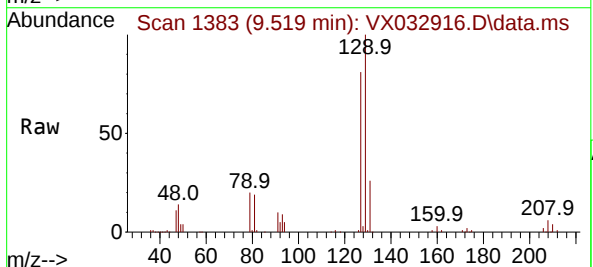
Acq: 18 Nov 2022 11:40

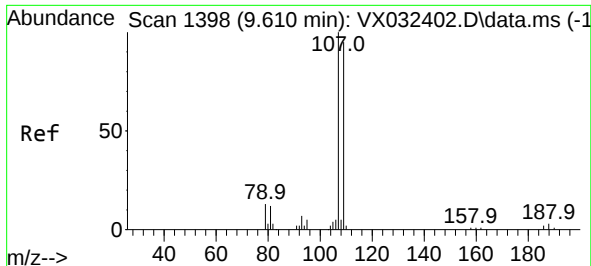
Tgt Ion:129 Resp: 74927

Ion Ratio Lower Upper

129 100

127 78.5 38.6 115.8





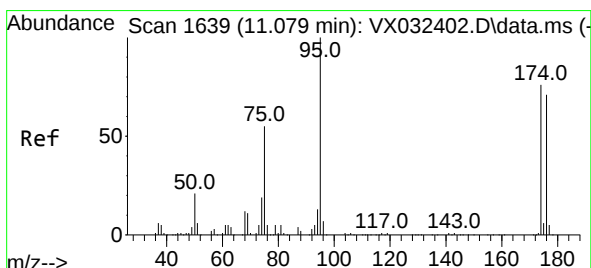
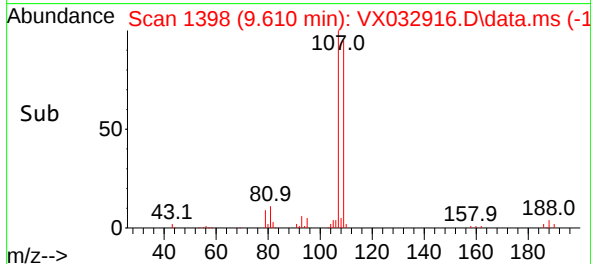
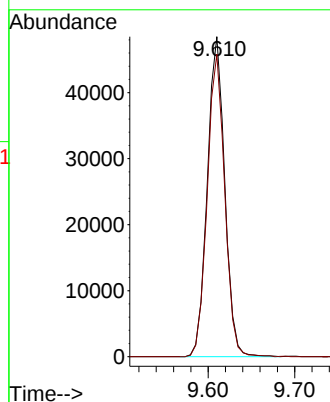
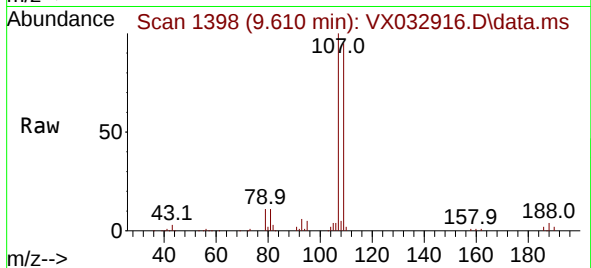
#61
1,2-Dibromoethane
Concen: 59.100 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 67814
Ion Ratio Lower Upper
107 100
109 94.7 76.0 114.0

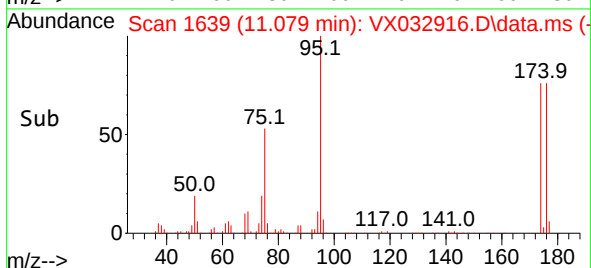
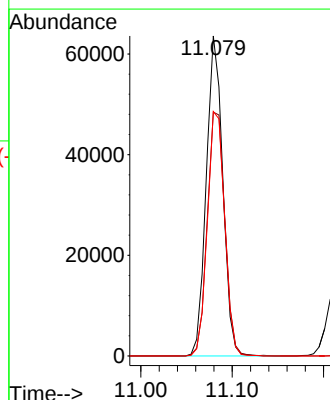
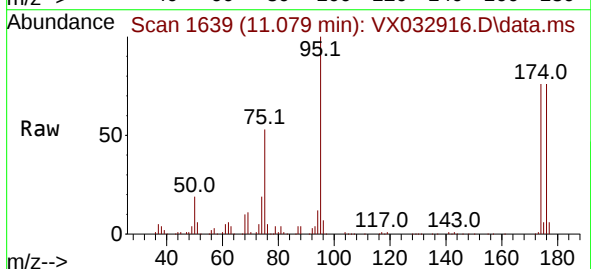
Manual Integrations
APPROVED

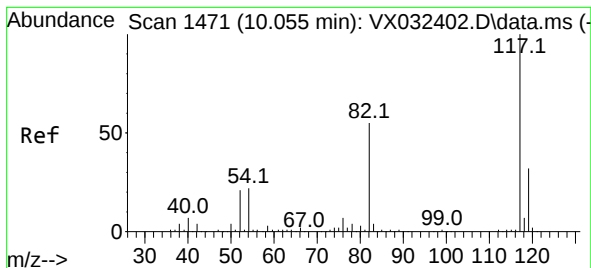
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#62
4-Bromofluorobenzene
Concen: 58.509 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

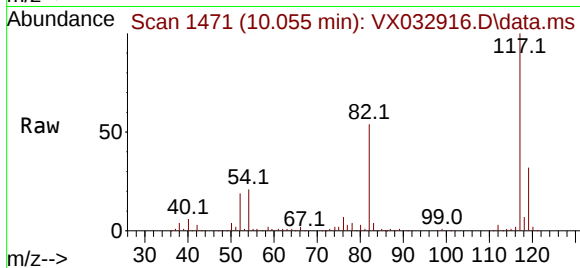
Tgt Ion: 95 Resp: 79484
Ion Ratio Lower Upper
95 100
174 81.2 0.0 164.0
176 79.8 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

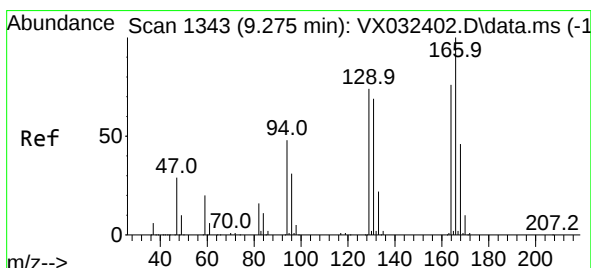
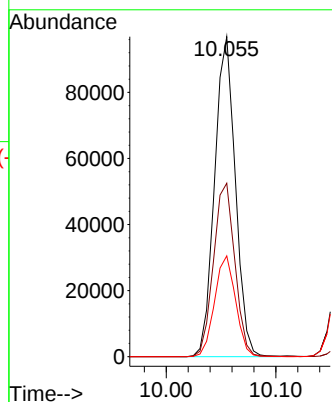
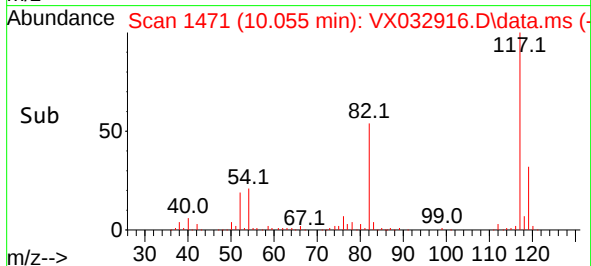
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 127584
Ion Ratio Lower Upper
117 100
82 54.2 44.3 66.5
119 31.5 25.7 38.5

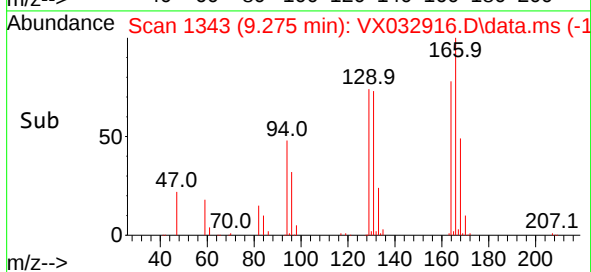
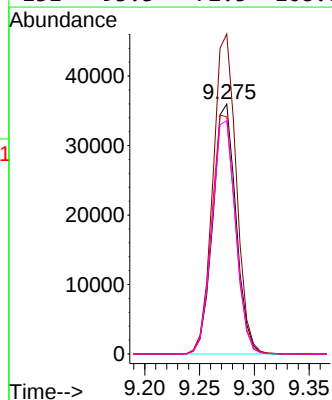
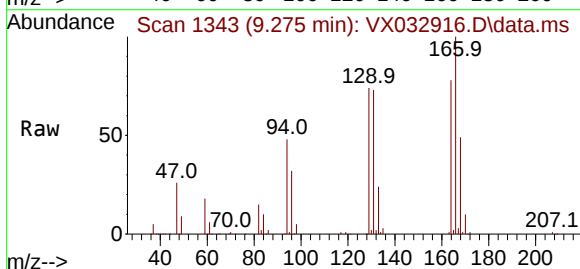
Manual Integrations
APPROVED

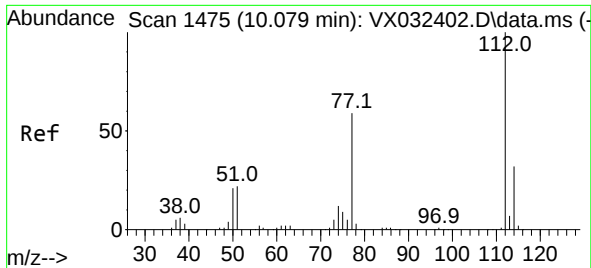
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#64
Tetrachloroethene
Concen: 56.412 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

Tgt Ion:164 Resp: 52679
Ion Ratio Lower Upper
164 100
166 128.0 105.4 158.2
129 94.9 78.2 117.2
131 93.3 72.5 108.7





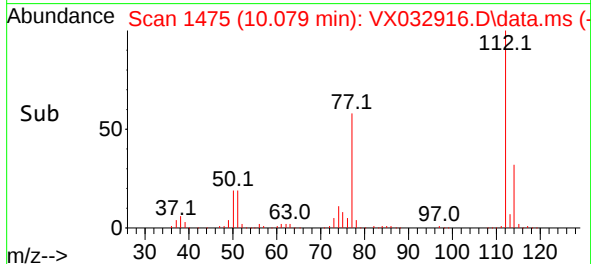
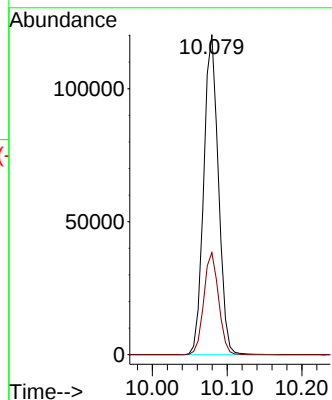
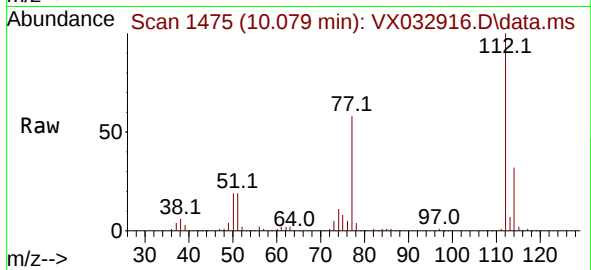
#65
Chlorobenzene
Concen: 57.336 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 163862
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

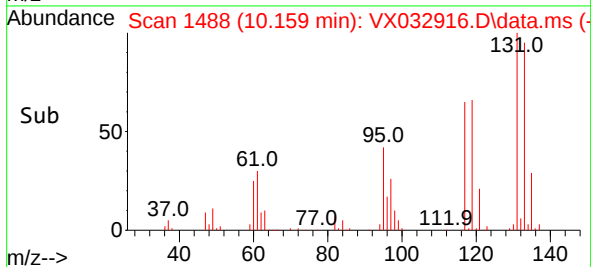
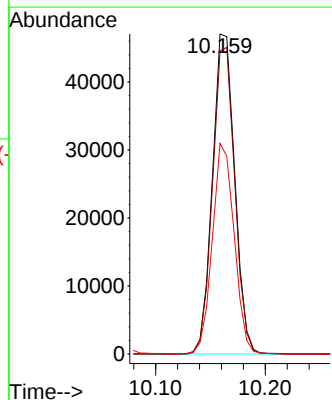
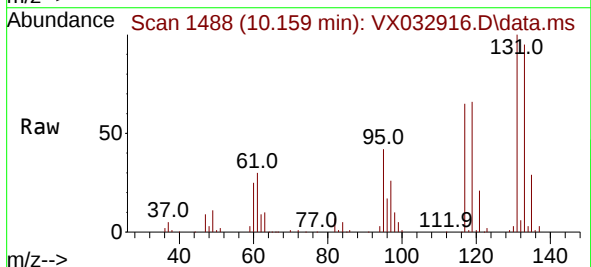
Manual Integrations
APPROVED

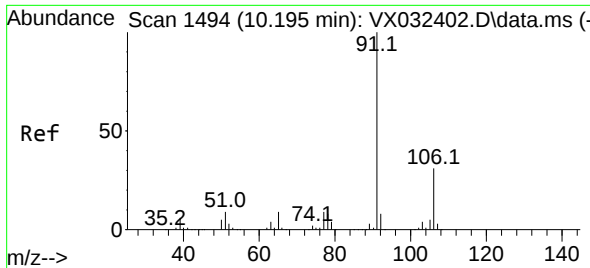
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 61.870 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

Tgt Ion:131 Resp: 66548
Ion Ratio Lower Upper
131 100
133 95.8 47.6 142.9
119 64.5 32.4 97.0





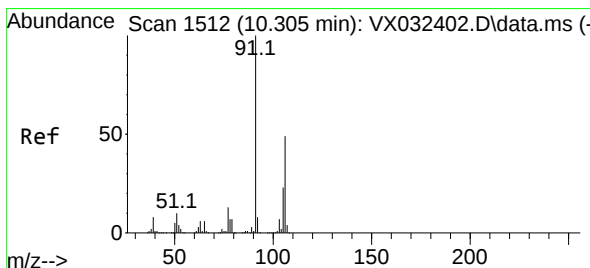
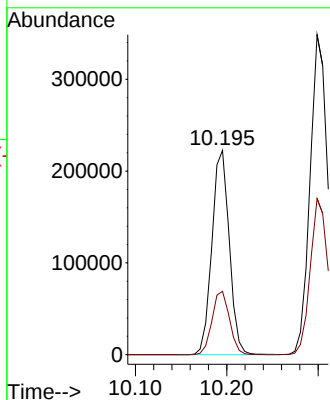
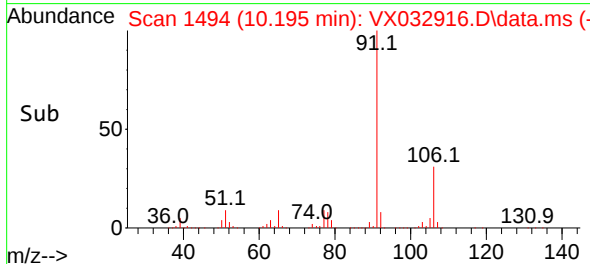
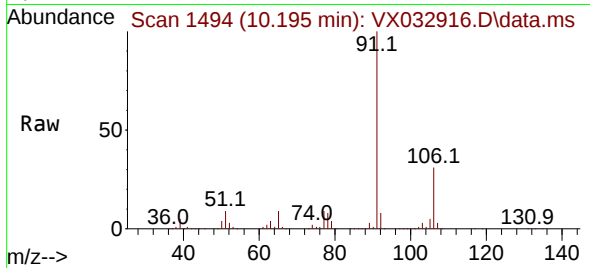
#67
Ethyl Benzene
Concen: 57.293 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 292807
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.6

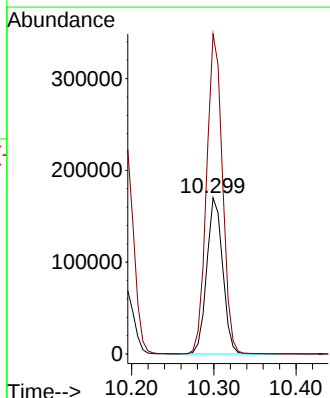
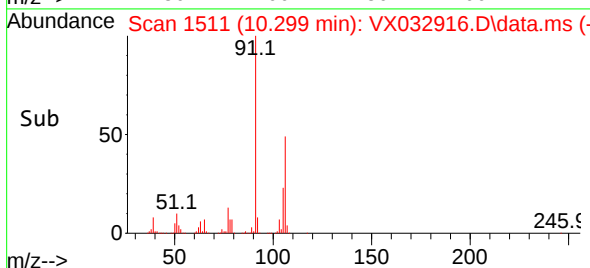
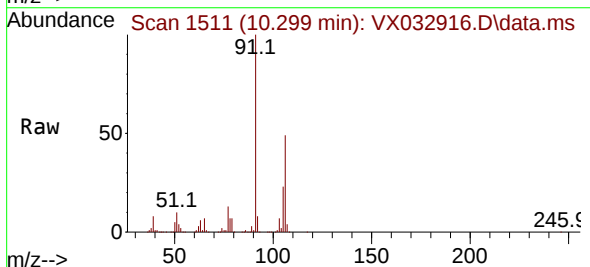
Manual Integrations
APPROVED

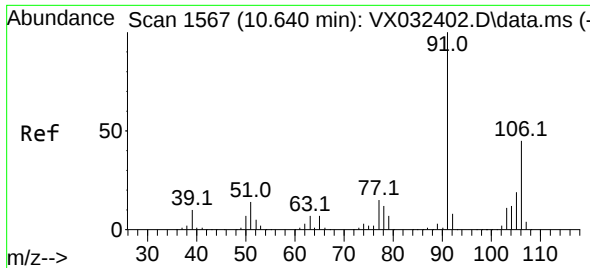
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#68
m/p-Xylenes
Concen: 115.249 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

Tgt Ion:106 Resp: 228713
Ion Ratio Lower Upper
106 100
91 204.6 164.5 246.7





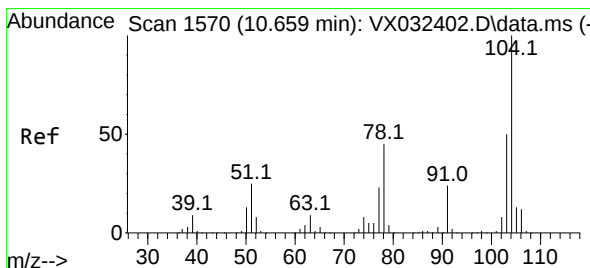
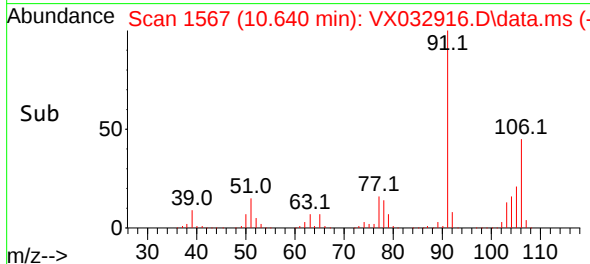
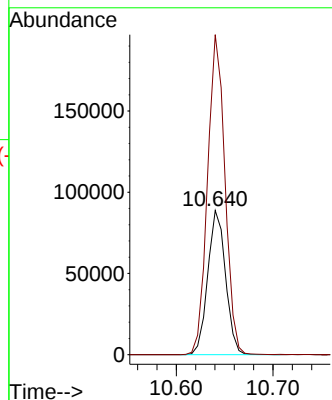
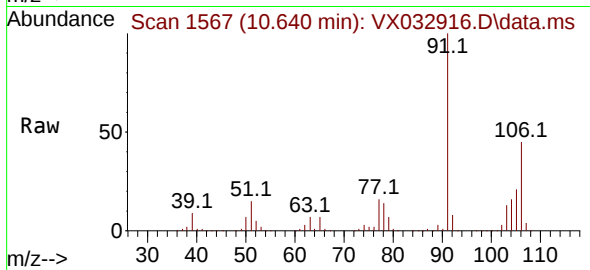
#69
o-Xylene
Concen: 58.877 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 113602
Ion Ratio Lower Upper
106 100
91 217.6 109.2 327.6

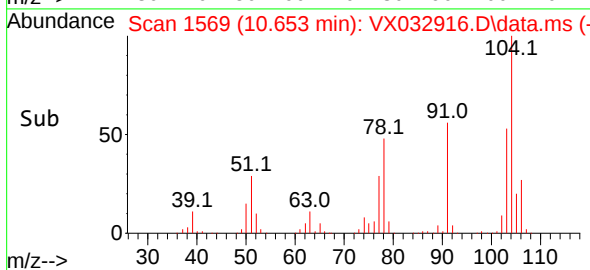
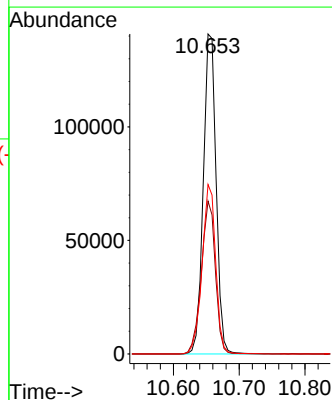
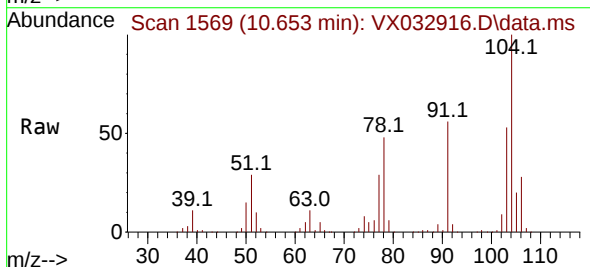
Manual Integrations
APPROVED

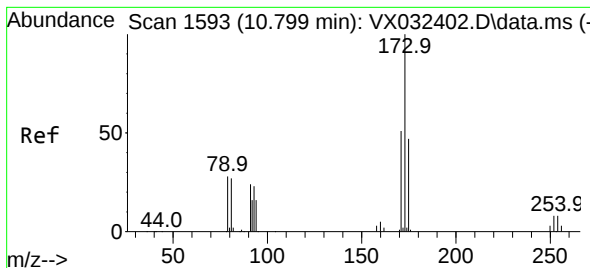
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#70
Styrene
Concen: 59.569 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

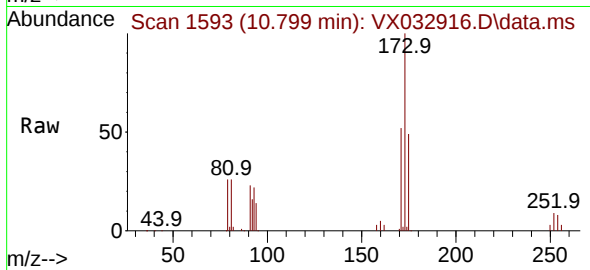
Tgt Ion:104 Resp: 191018
Ion Ratio Lower Upper
104 100
78 52.3 41.8 62.8
103 56.1 44.5 66.7





#71
Bromoform
Concen: 62.803 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

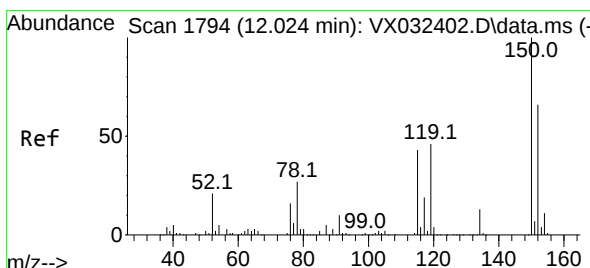
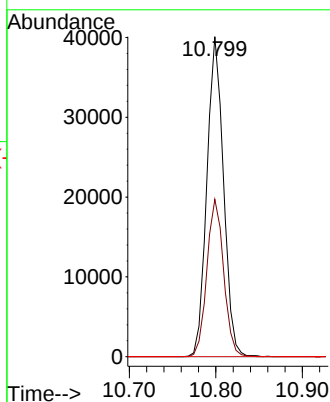
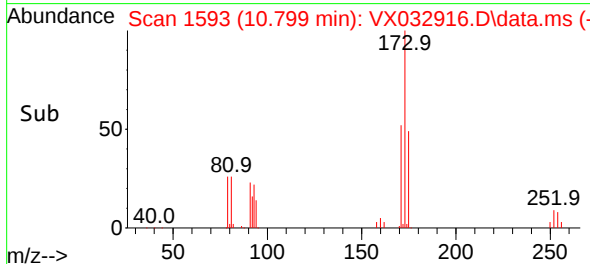
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



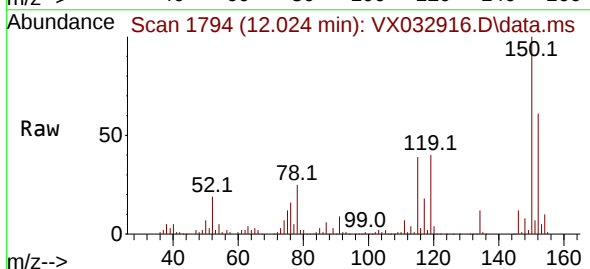
Tgt Ion:173 Resp: 53410
Ion Ratio Lower Upper
173 100
175 49.6 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

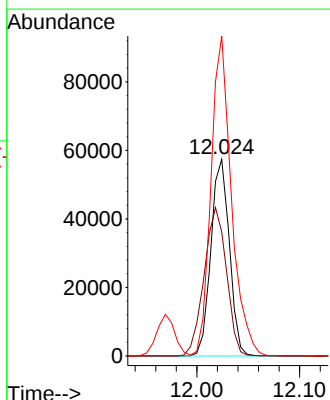
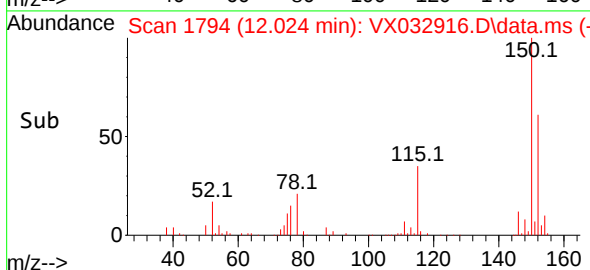
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

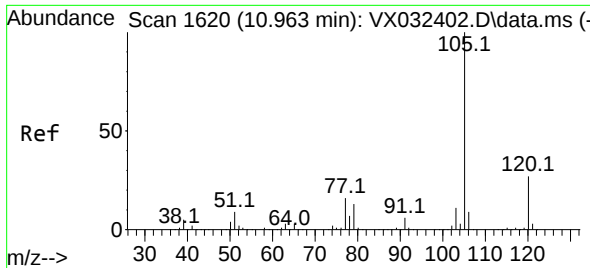


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40



Tgt Ion:152 Resp: 71306
Ion Ratio Lower Upper
152 100
115 91.6 44.0 132.0
150 180.3 0.0 351.8





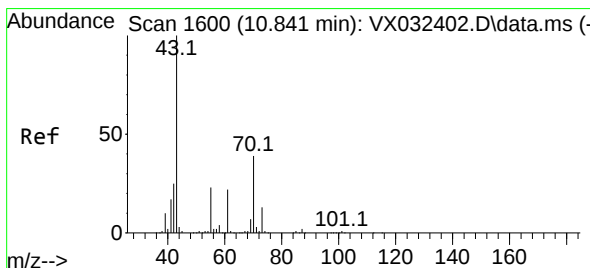
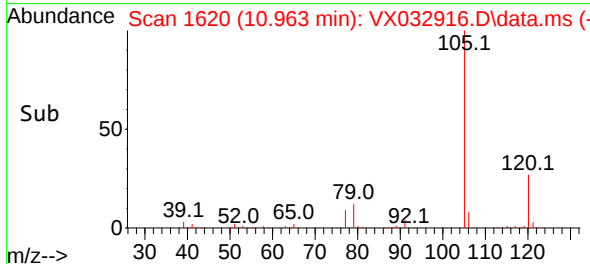
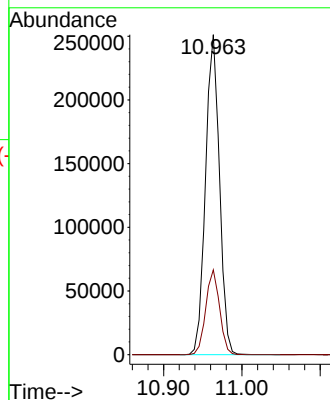
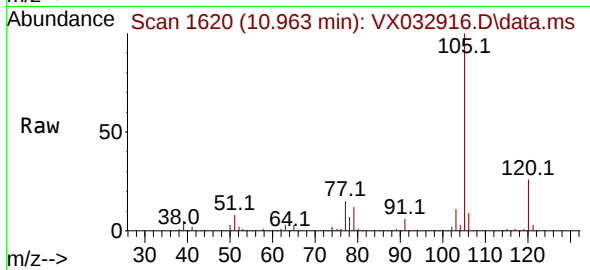
#73
Isopropylbenzene
Concen: 54.773 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 30949
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3

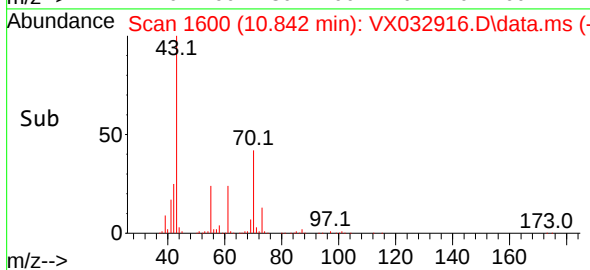
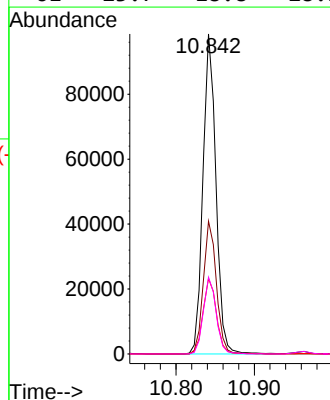
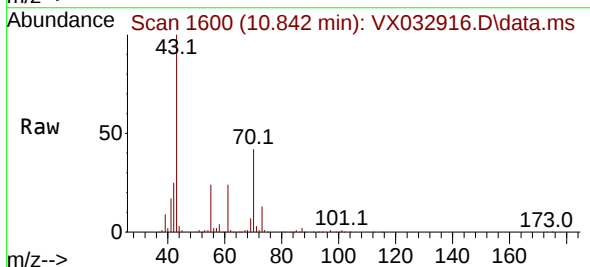
Manual Integrations
APPROVED

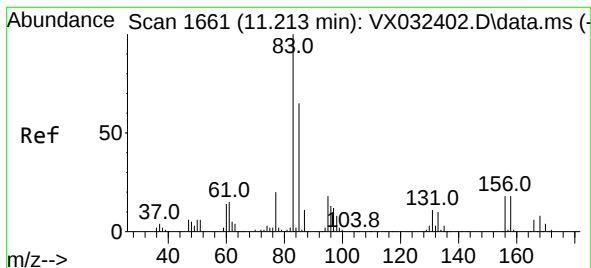
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#74
N-ethyl acetate
Concen: 53.235 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

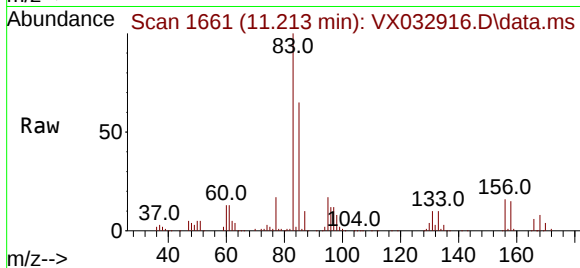
Tgt Ion: 43 Resp: 113654
Ion Ratio Lower Upper
43 100
70 41.7 33.6 50.4
55 24.4 19.4 29.2
61 23.7 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 54.267 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

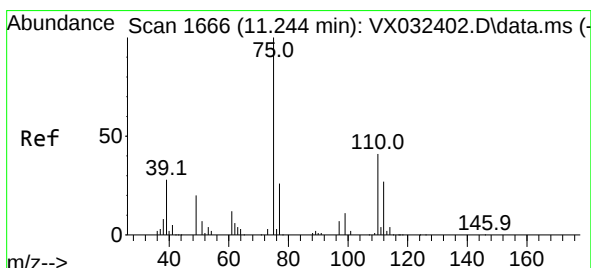
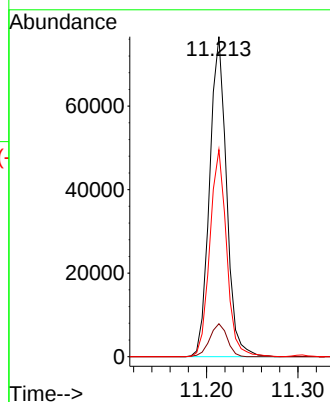
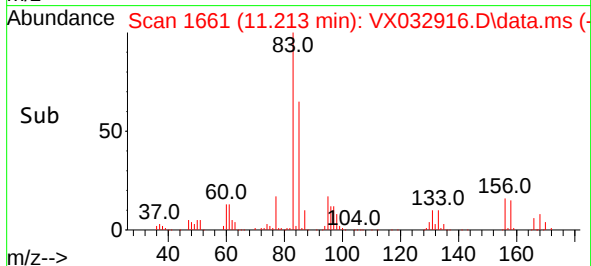
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



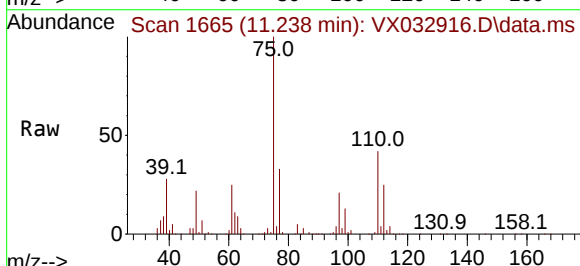
Tgt Ion: 83 Resp: 98424
Ion Ratio Lower Upper
83 100
131 10.6 5.4 16.2
85 64.1 31.9 95.9

Manual Integrations
APPROVED

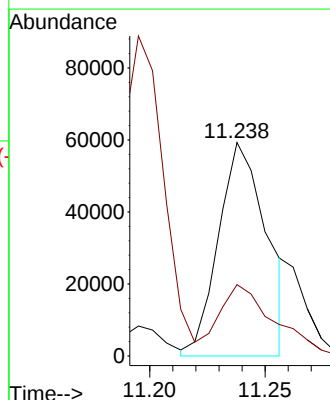
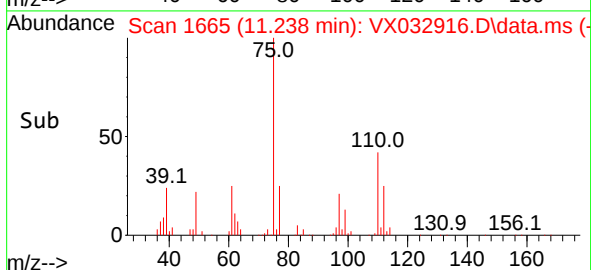
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#76
1,2,3-Trichloropropane
Concen: 54.125 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40



Tgt Ion: 75 Resp: 85863
Ion Ratio Lower Upper
75 100
77 38.5 20.0 60.0





#77

Bromobenzene

Concen: 55.284 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX032916.D

Acq: 18 Nov 2022 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

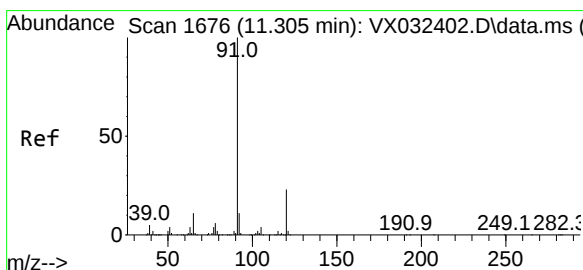
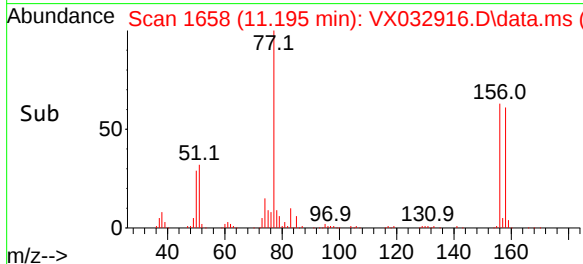
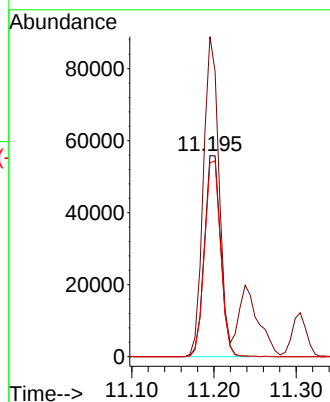
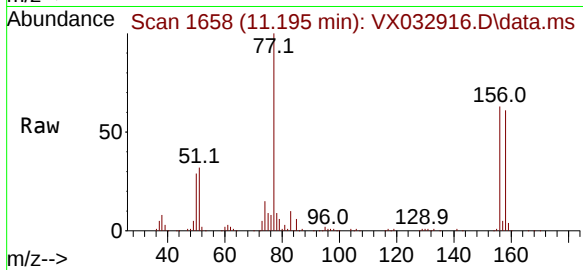
Tgt Ion:	156	Resp:	7658
Ion Ratio	Lower	Upper	
156	100		
77	153.3	76.1	228.4
158	96.5	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#78

n-propylbenzene

Concen: 54.734 ug/l

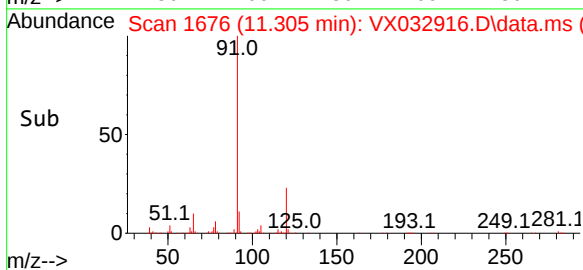
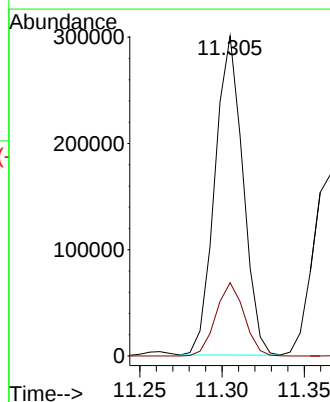
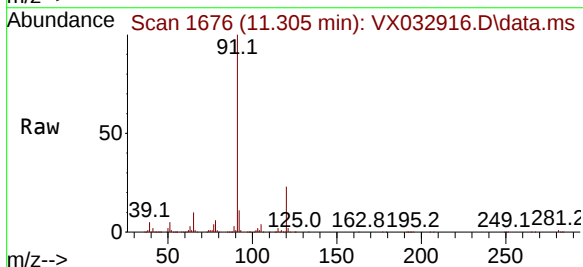
RT: 11.305 min Scan# 1676

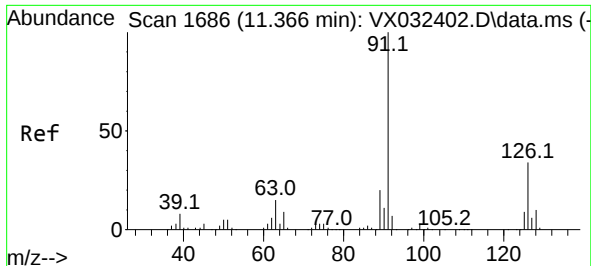
Delta R.T. 0.000 min

Lab File: VX032916.D

Acq: 18 Nov 2022 11:40

Tgt Ion:	91	Resp:	356321
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.6	34.8





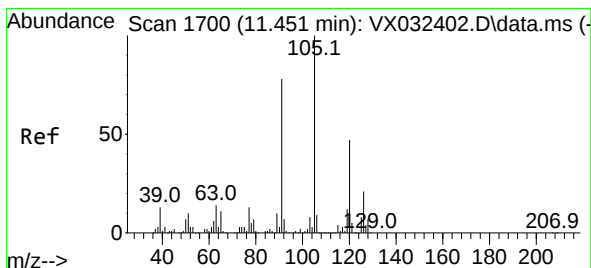
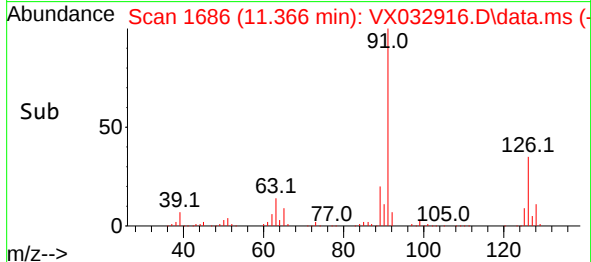
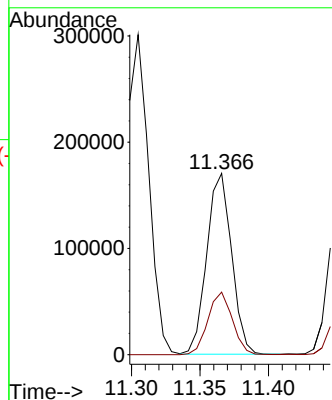
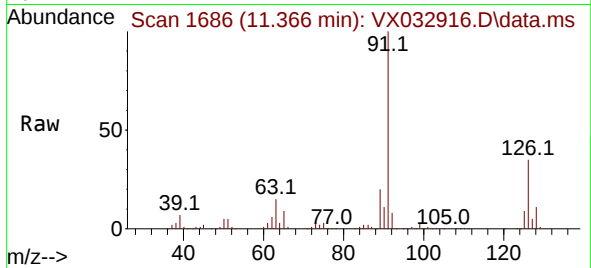
#79
2-Chlorotoluene
Concen: 55.105 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 214839
Ion Ratio Lower Upper
91 100
126 34.0 17.1 51.2

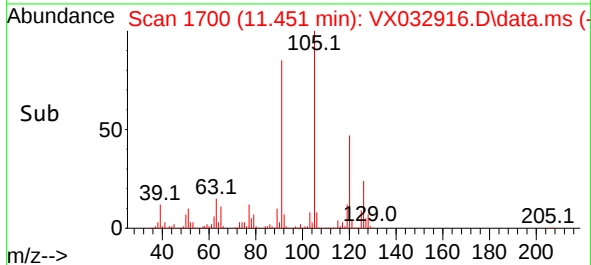
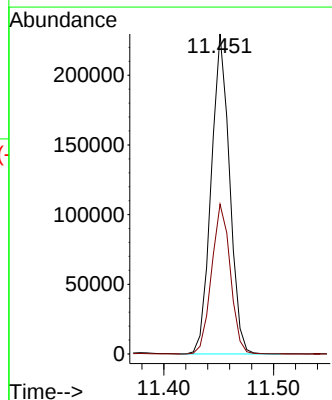
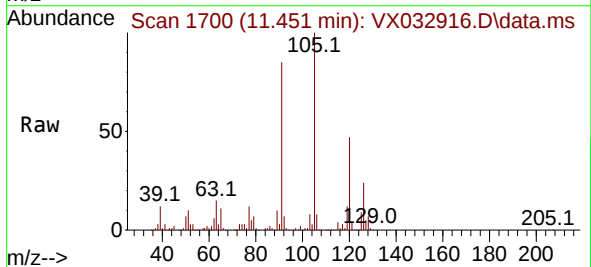
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 55.359 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

Tgt Ion:105 Resp: 267340
Ion Ratio Lower Upper
105 100
120 47.7 23.6 71.0





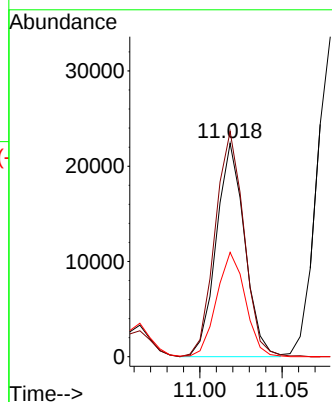
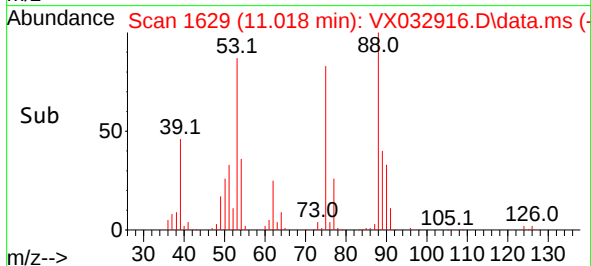
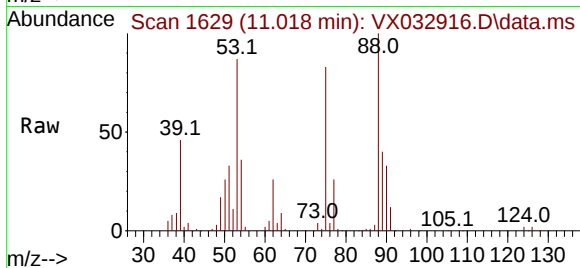
#81
trans-1,4-Dichloro-2-butene
Concen: 54.097 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 26970
Ion Ratio Lower Upper
75 100
53 107.5 86.9 130.3
89 49.3 38.3 57.5

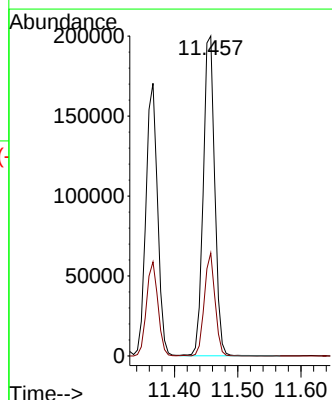
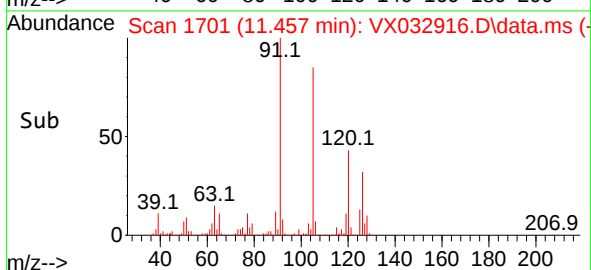
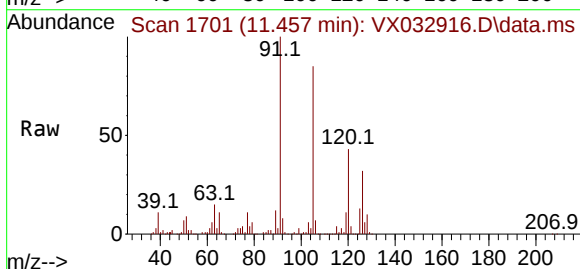
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#82
4-Chlorotoluene
Concen: 55.433 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

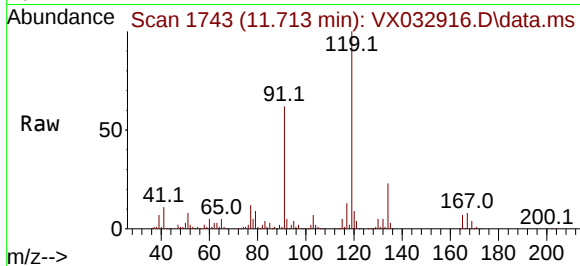
Tgt Ion: 91 Resp: 252886
Ion Ratio Lower Upper
91 100
126 30.2 14.8 44.4





#83
tert-Butylbenzene
Concen: 56.264 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

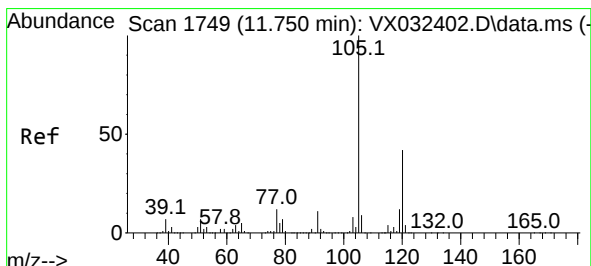
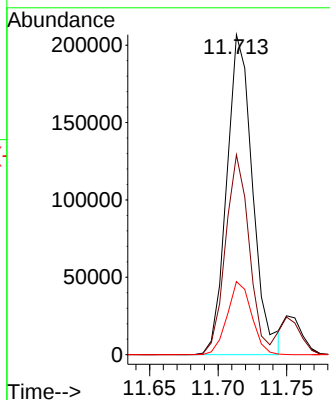
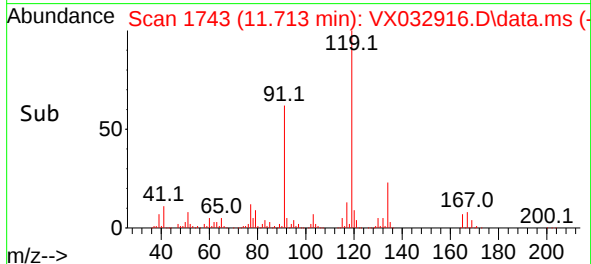
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



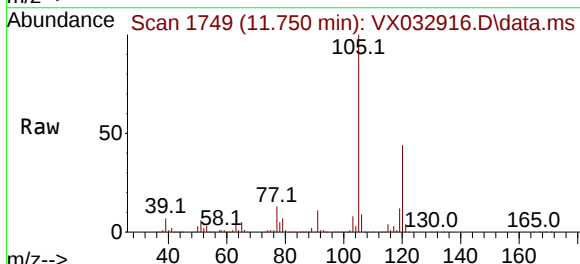
Tgt Ion:119 Resp: 27126
Ion Ratio Lower Upper
119 100
91 57.5 29.4 88.2
134 21.5 11.0 33.0

Manual Integrations
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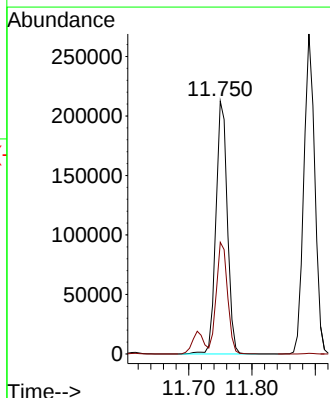
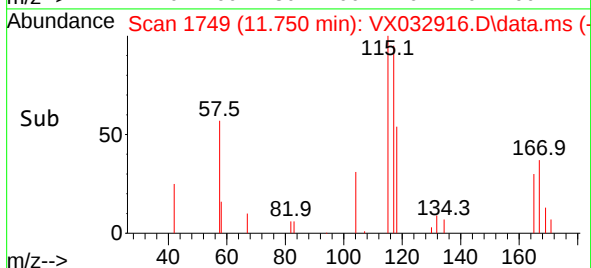
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

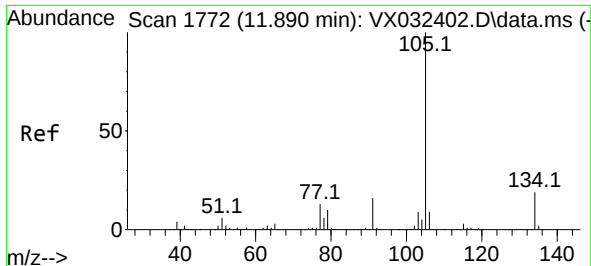


#84
1,2,4-Trimethylbenzene
Concen: 55.380 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40



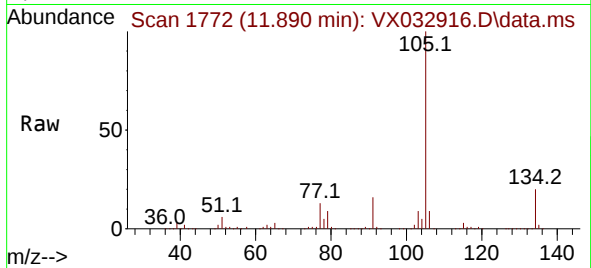
Tgt Ion:105 Resp: 265995
Ion Ratio Lower Upper
105 100
120 43.4 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 55.441 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032916.D
 Acq: 18 Nov 2022 11:40

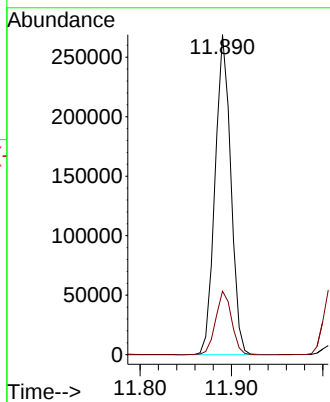
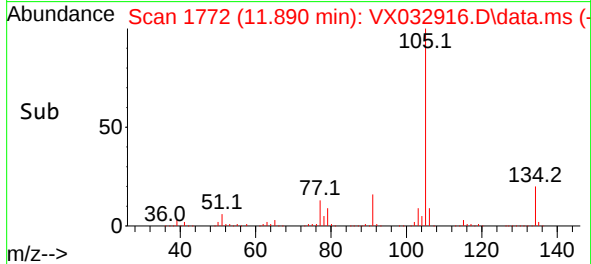
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



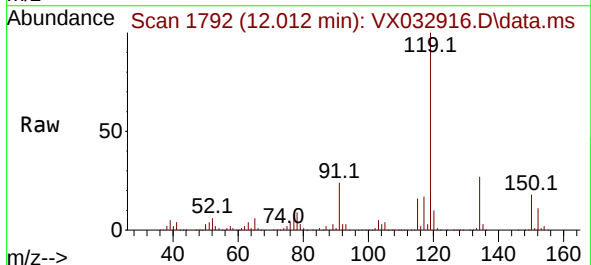
Tgt Ion:105 Resp: 321629
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.9 29.7

Manual Integrations
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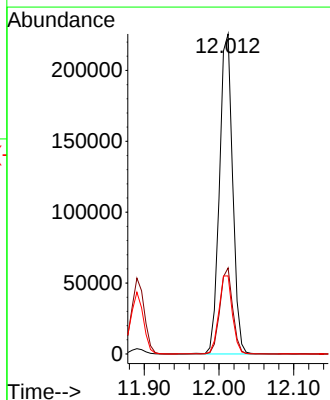
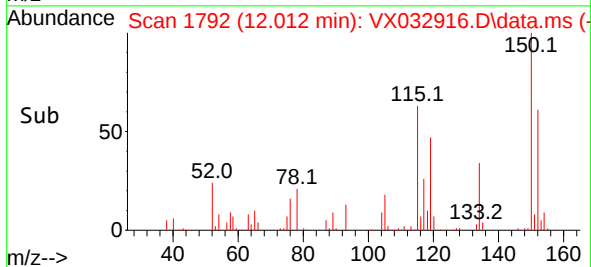
Reviewed By :John Carlone 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

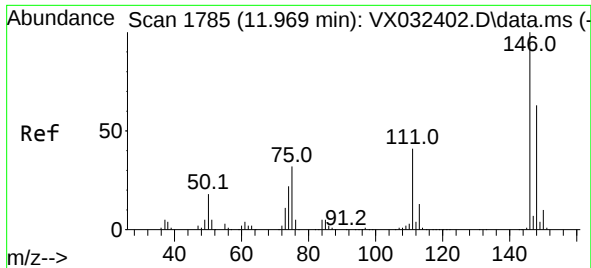


#86
 p-Isopropyltoluene
 Concen: 56.219 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032916.D
 Acq: 18 Nov 2022 11:40



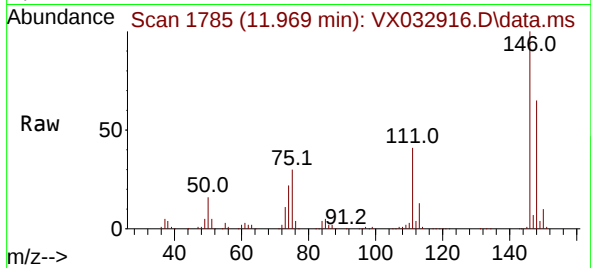
Tgt Ion:119 Resp: 276744
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.7
 91 25.0 12.5 37.5





#87
1,3-Dichlorobenzene
Concen: 56.144 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

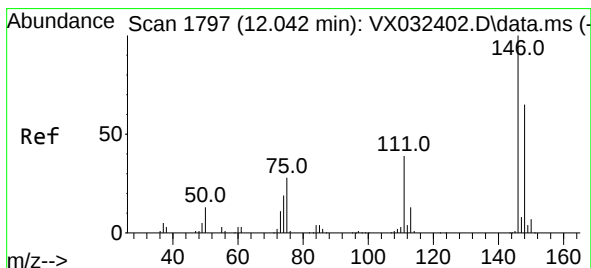
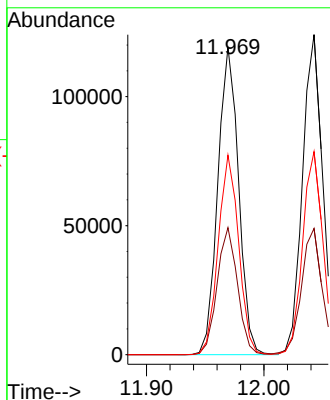
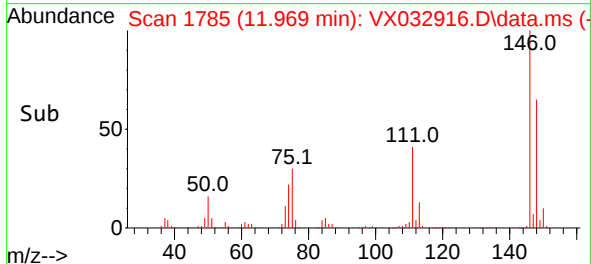
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



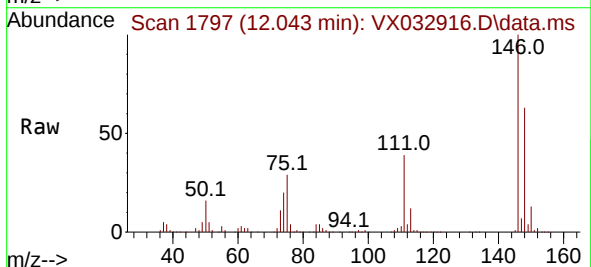
Tgt Ion:146 Resp: 14670
Ion Ratio Lower Upper
146 100
111 40.6 20.6 61.8
148 63.9 31.7 95.1

Manual Integrations
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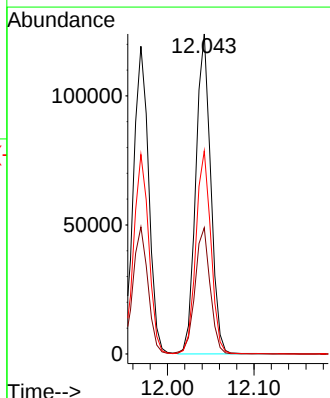
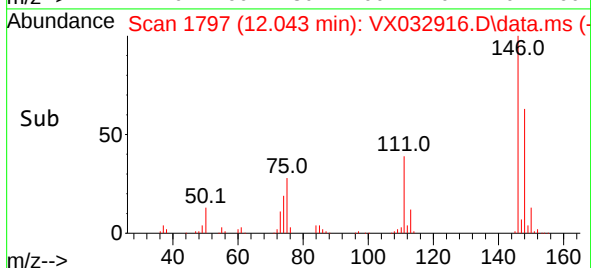
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

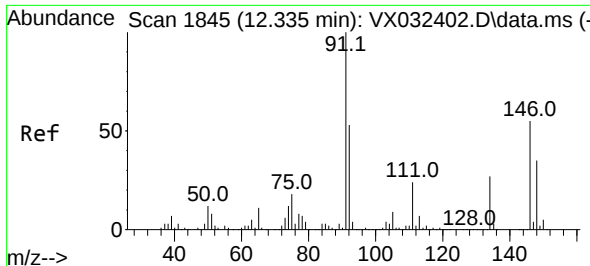


#88
1,4-Dichlorobenzene
Concen: 54.716 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40



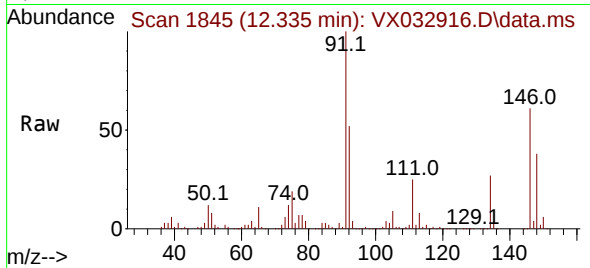
Tgt Ion:146 Resp: 148327
Ion Ratio Lower Upper
146 100
111 39.9 20.5 61.6
148 63.7 32.2 96.6





#89
n-Butylbenzene
Concen: 55.849 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

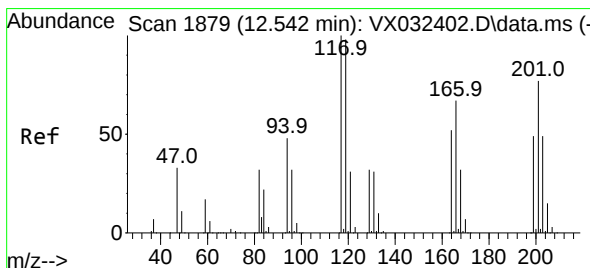
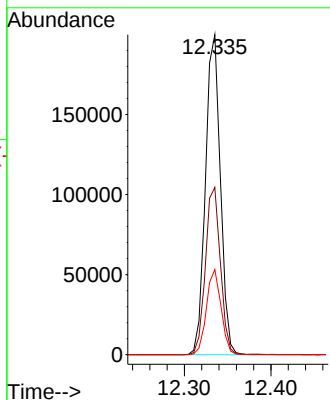
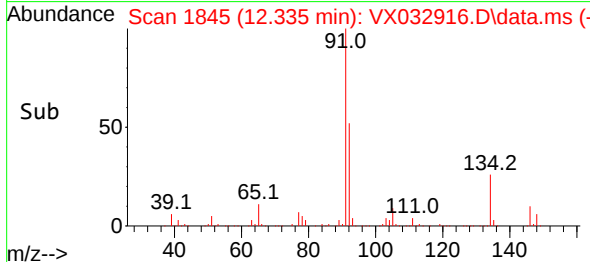
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 23917
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.6
134 26.0 12.9 38.6

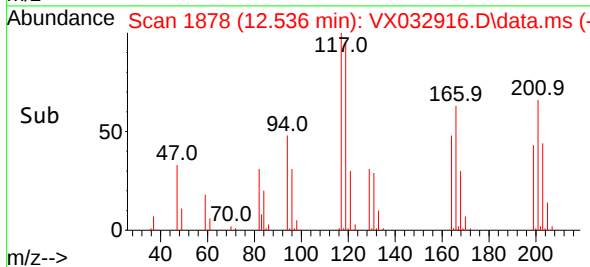
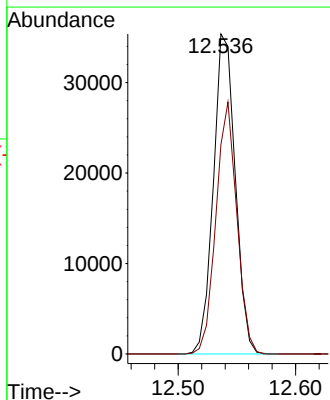
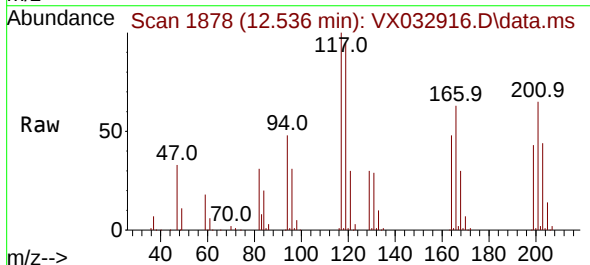
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#90
Hexachloroethane
Concen: 57.138 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

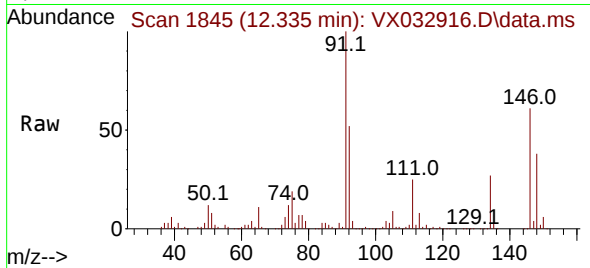
Tgt Ion:117 Resp: 45942
Ion Ratio Lower Upper
117 100
201 74.9 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 57.615 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

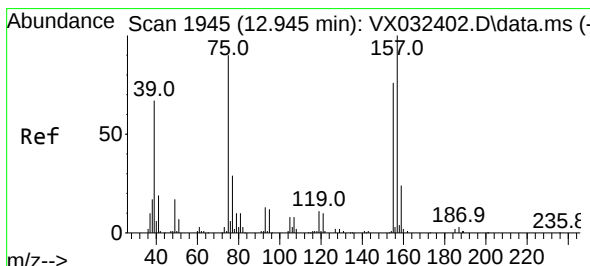
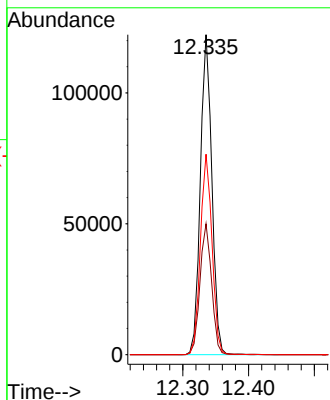
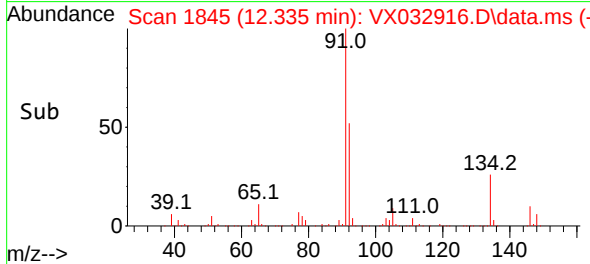
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



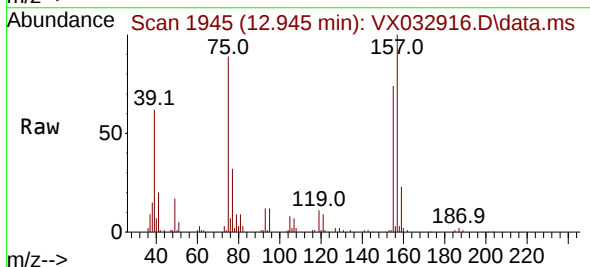
Tgt Ion:146 Resp: 14844
Ion Ratio Lower Upper
146 100
111 41.4 21.5 64.5
148 63.4 32.0 96.2

Manual Integrations
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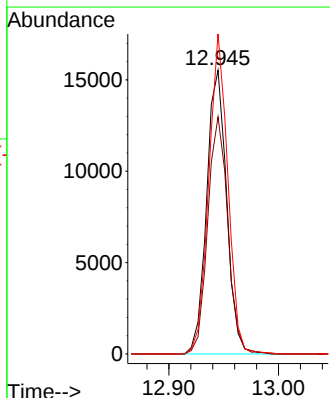
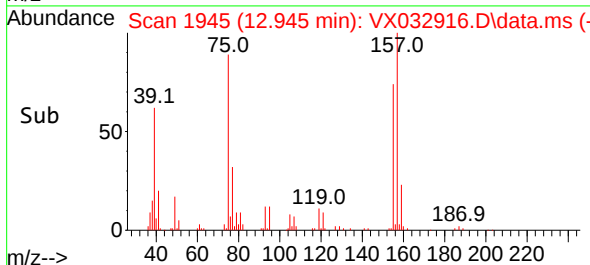
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

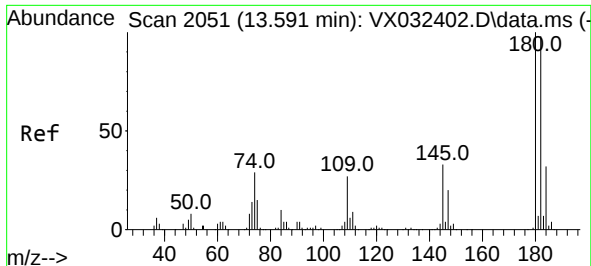


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.469 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40



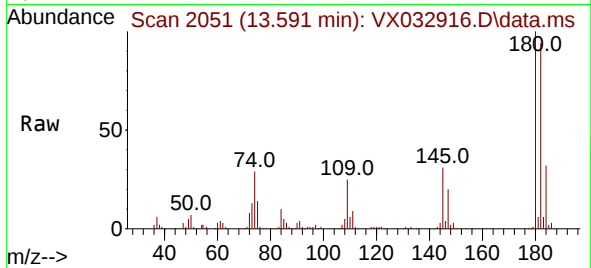
Tgt Ion: 75 Resp: 19672
Ion Ratio Lower Upper
75 100
155 83.6 41.6 124.8
157 107.9 54.1 162.4





#93
1,2,4-Trichlorobenzene
Concen: 55.153 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

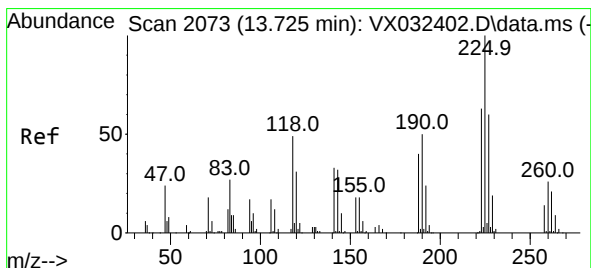
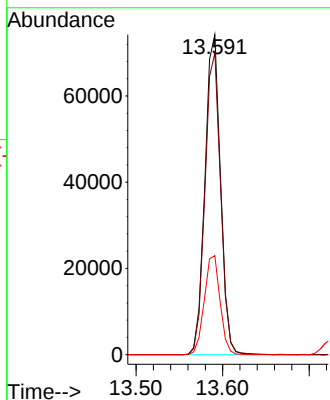
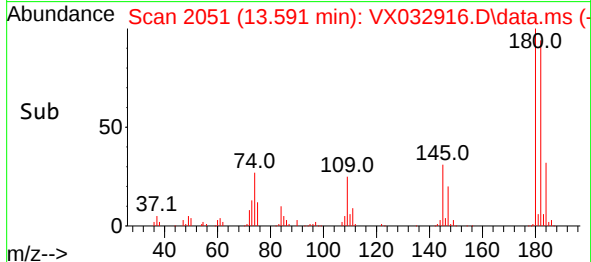
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



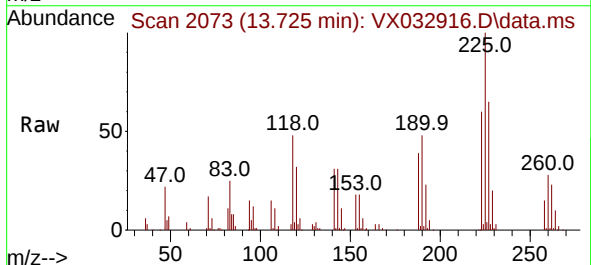
Tgt Ion:180 Resp: 9265
Ion Ratio Lower Upper
180 100
182 94.6 48.4 145.0
145 31.4 16.2 48.5

Manual Integrations
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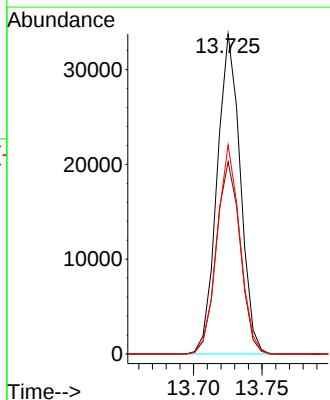
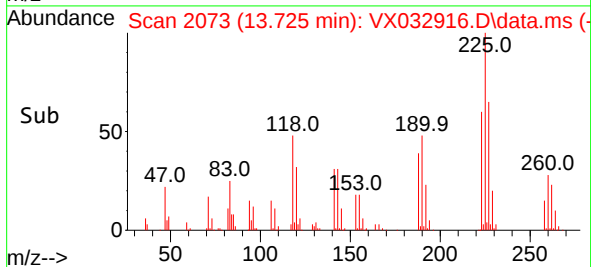
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

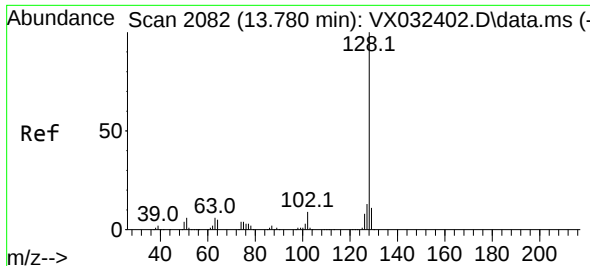


#94
Hexachlorobutadiene
Concen: 56.595 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40



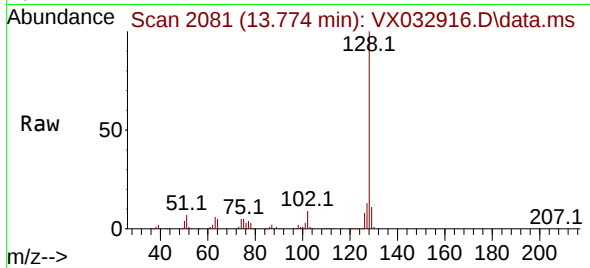
Tgt Ion:225 Resp: 39709
Ion Ratio Lower Upper
225 100
223 62.0 31.9 95.9
227 64.3 31.9 95.5





#95
Naphthalene
Concen: 52.044 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40

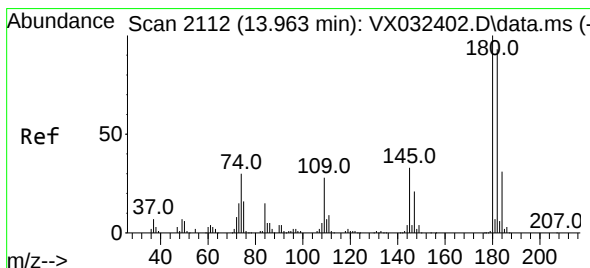
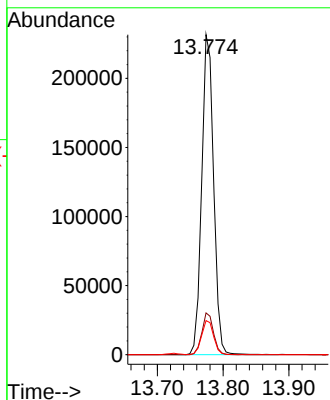
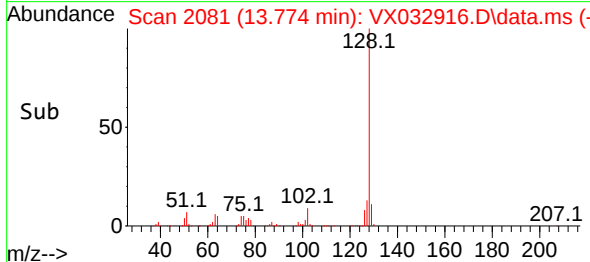
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



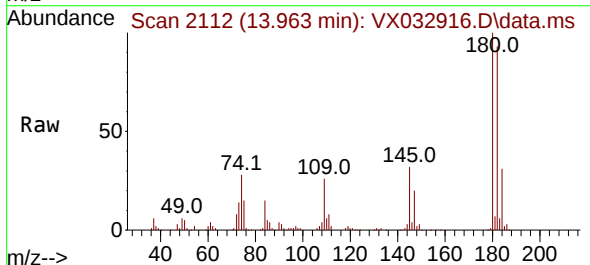
Tgt Ion:128 Resp: 291336
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.8 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#96
1,2,3-Trichlorobenzene
Concen: 54.560 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX032916.D
Acq: 18 Nov 2022 11:40



Tgt Ion:180 Resp: 93175
Ion Ratio Lower Upper
180 100
182 94.4 47.5 142.6
145 33.3 16.9 50.6

