

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011723\
 Data File : VX033759.D
 Acq On : 17 Jan 2023 14:43
 Operator : JC/MD
 Sample : VX0117MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/18/2023
 Supervised By : Mahesh Dadoda 01/18/2023

Quant Time: Jan 18 04:06:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	195560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	275396	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	243940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	104170	50.591	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.180%			
35) Dibromofluoromethane	5.385	113	92419	54.044	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.080%			
50) Toluene-d8	8.647	98	318122	51.057	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.120%			
62) 4-Bromofluorobenzene	11.079	95	121598	52.564	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28277	18.297	ug/l	94
3) Chloromethane	1.294	50	33131	19.406	ug/l	99
4) Vinyl Chloride	1.374	62	34432	20.784	ug/l	99
5) Bromomethane	1.618	94	18882	19.837	ug/l	96
6) Chloroethane	1.691	64	19925	19.454	ug/l	99
7) Trichlorofluoromethane	1.886	101	51398	19.131	ug/l	98
8) Diethyl Ether	2.130	74	18075	20.548	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	32933	21.684	ug/l	96
10) Methyl Iodide	2.453	142	44185	20.341	ug/l	95
11) Tert butyl alcohol	3.038	59	30441m	85.102	ug/l	
12) 1,1-Dichloroethene	2.319	96	31077	19.530	ug/l	90
13) Acrolein	2.239	56	35474	107.486	ug/l	99
14) Allyl chloride	2.666	41	55784	18.587	ug/l	91
15) Acrylonitrile	3.068	53	85071	90.368	ug/l	99
16) Acetone	2.398	43	86936	109.201	ug/l	96
17) Carbon Disulfide	2.514	76	72555	19.183	ug/l	99
18) Methyl Acetate	2.709	43	52950	18.426	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	105921	19.166	ug/l	97
20) Methylene Chloride	2.788	84	35758	18.389	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	34126	18.345	ug/l	98
22) Diisopropyl ether	3.757	45	113465	18.790	ug/l	93
23) Vinyl Acetate	3.715	43	427868	94.125	ug/l	99
24) 1,1-Dichloroethane	3.605	63	61188	18.521	ug/l	99
25) 2-Butanone	4.562	43	123691	91.939	ug/l	96
26) 2,2-Dichloropropane	4.471	77	43135	18.228	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	40510	18.942	ug/l	97
28) Bromochloromethane	4.891	49	31076	20.650	ug/l	100
29) Tetrahydrofuran	5.013	42	75821	89.418	ug/l	99
30) Chloroform	5.086	83	62832	18.569	ug/l	98
31) Cyclohexane	5.464	56	57119	18.852	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	53495	18.517	ug/l	98
36) 1,1-Dichloropropene	5.690	75	47543	19.050	ug/l	99
37) Ethyl Acetate	4.708	43	45471	17.221	ug/l	99
38) Carbon Tetrachloride	5.672	117	48014	18.575	ug/l	97
39) Methylcyclohexane	7.379	83	60378	19.590	ug/l	98
40) Benzene	6.031	78	138638	19.058	ug/l	98

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	26785	19.475	ug/l	98
42) 1,2-Dichloroethane	6.080	62	48974	18.997	ug/l	99
43) Isopropyl Acetate	6.336	43	72789	18.474	ug/l	99
44) Trichloroethene	7.123	130	40089	19.707	ug/l	100
45) 1,2-Dichloropropane	7.427	63	35583	19.526	ug/l	99
46) Dibromomethane	7.580	93	24439	19.200	ug/l	99
47) Bromodichloromethane	7.818	83	46250	18.854	ug/l	96
48) Methyl methacrylate	7.690	41	38093	19.193	ug/l	98
49) 1,4-Dioxane	7.732	88	16299	371.259	ug/l #	98
51) 4-Methyl-2-Pentanone	8.568	43	226075	93.429	ug/l	98
52) Toluene	8.714	92	88879	18.919	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	45346	18.485	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	48906	17.792	ug/l	94
55) 1,1,2-Trichloroethane	9.147	97	35618	19.154	ug/l	96
56) Ethyl methacrylate	9.116	69	50999	19.488	ug/l	99
57) 1,3-Dichloropropane	9.305	76	59374	19.691	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	105498	81.855	ug/l	98
59) 2-Hexanone	9.427	43	171104	101.594	ug/l	100
60) Dibromochloromethane	9.519	129	38198	19.814	ug/l	98
61) 1,2-Dibromoethane	9.610	107	36913	19.890	ug/l	98
64) Tetrachloroethene	9.269	164	35725	19.884	ug/l	97
65) Chlorobenzene	10.079	112	99987	19.799	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	36393	19.582	ug/l	98
67) Ethyl Benzene	10.189	91	170437	19.657	ug/l	97
68) m/p-Xylenes	10.299	106	135779	40.036	ug/l	100
69) o-Xylene	10.640	106	66895	19.890	ug/l	98
70) Styrene	10.653	104	108610	19.856	ug/l	99
71) Bromoform	10.799	173	27725	17.803	ug/l #	100
73) Isopropylbenzene	10.963	105	173182	19.063	ug/l	100
74) N-amyl acetate	10.841	43	59819	17.846	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	50227	18.320	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	40140m	17.115	ug/l	
77) Bromobenzene	11.195	156	45428	18.613	ug/l	98
78) n-propylbenzene	11.305	91	194887	18.711	ug/l	99
79) 2-Chlorotoluene	11.366	91	114984	18.561	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	144727	18.843	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	12505	16.571	ug/l	94
82) 4-Chlorotoluene	11.451	91	130667	18.409	ug/l	99
83) tert-Butylbenzene	11.713	119	148024	19.410	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	143498	19.750	ug/l	100
85) sec-Butylbenzene	11.890	105	181960	19.948	ug/l	99
86) p-Isopropyltoluene	12.006	119	159022	20.362	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	83794	19.428	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	84530	19.239	ug/l	99
89) n-Butylbenzene	12.329	91	128385	20.095	ug/l	100
90) Hexachloroethane	12.536	117	23370	18.192	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	81980	19.698	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9509	18.256	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	57835	20.630	ug/l	99
94) Hexachlorobutadiene	13.725	225	28237	20.562	ug/l	99
95) Naphthalene	13.774	128	162392	20.134	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	57181	20.384	ug/l	100

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Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration

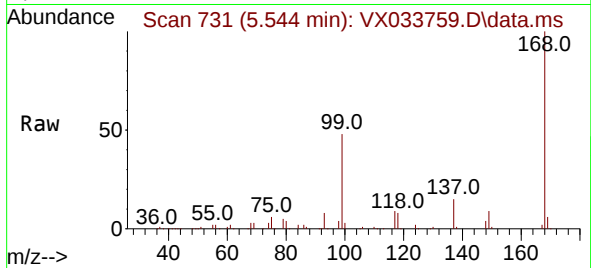
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

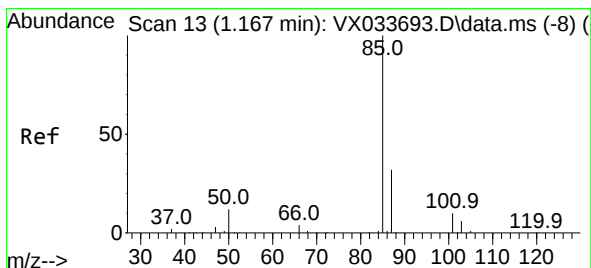
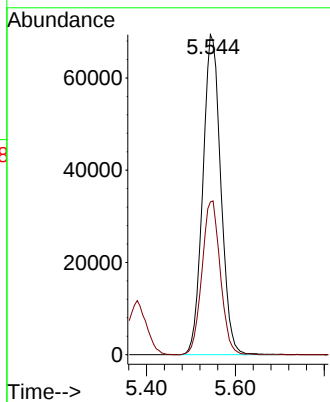
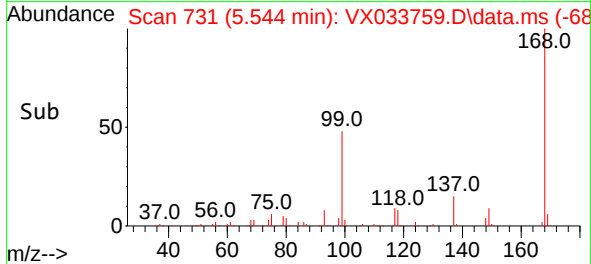
Instrument :
MSVOA_X
ClientSampleId :
VX0117MBS01



Tgt Ion:168 Resp: 195560
Ion Ratio Lower Upper
168 100
99 47.7 39.6 59.4

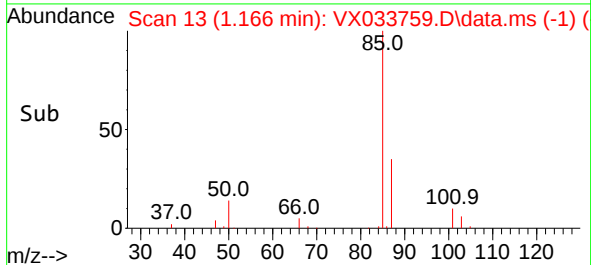
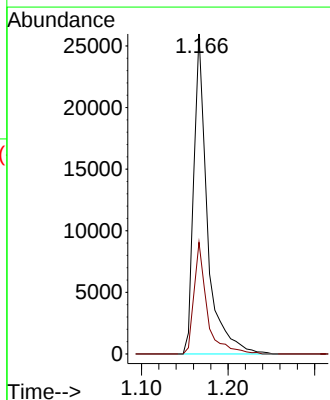
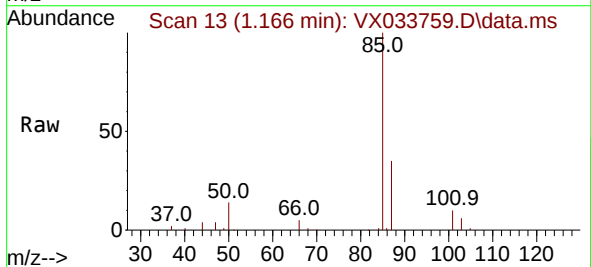
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#2
Dichlorodifluoromethane
Concen: 18.297 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

Tgt Ion: 85 Resp: 28277
Ion Ratio Lower Upper
85 100
87 34.9 15.8 47.4





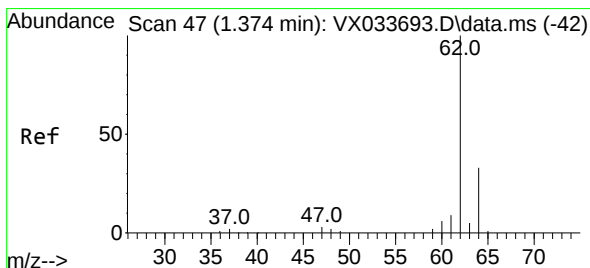
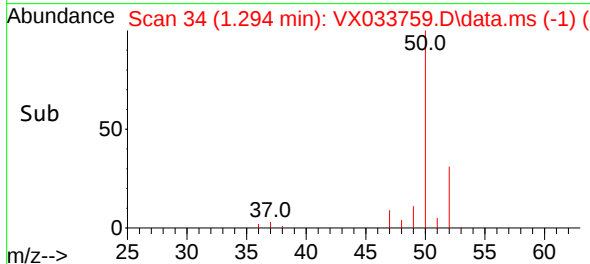
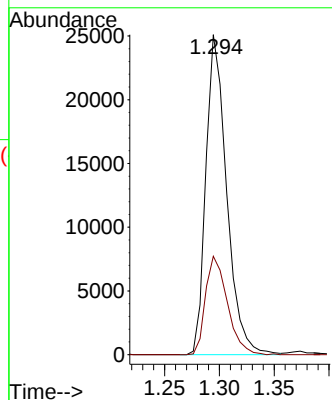
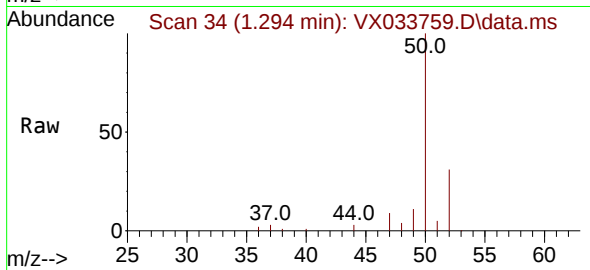
#3
Chloromethane
Concen: 19.406 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0117MBSD01

Tgt Ion: 50 Resp: 3313
Ion Ratio Lower Upper
50 100
52 30.8 25.2 37.8

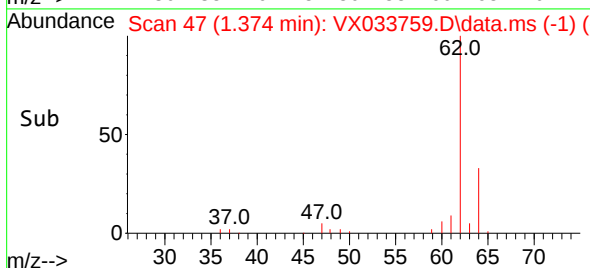
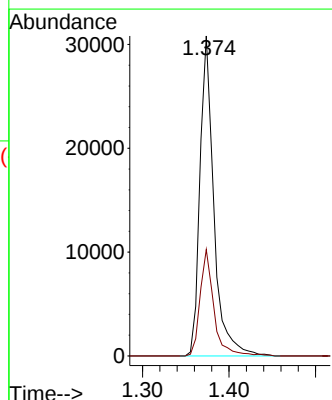
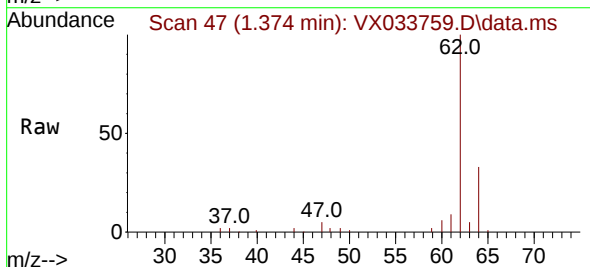
Manual Integrations
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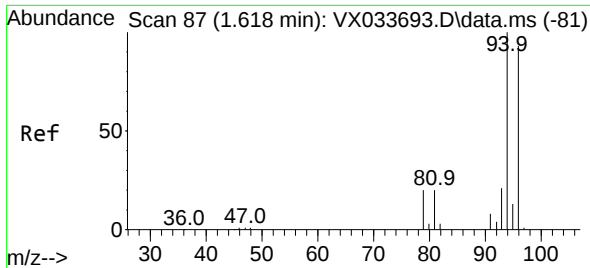
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#4
Vinyl Chloride
Concen: 20.784 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

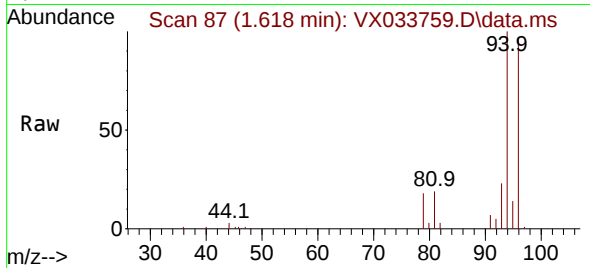
Tgt Ion: 62 Resp: 34432
Ion Ratio Lower Upper
62 100
64 33.3 26.2 39.4





#5
Bromomethane
Concen: 19.837 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

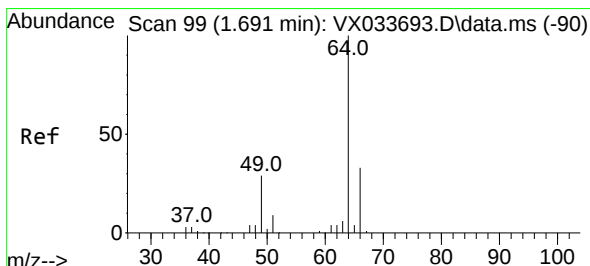
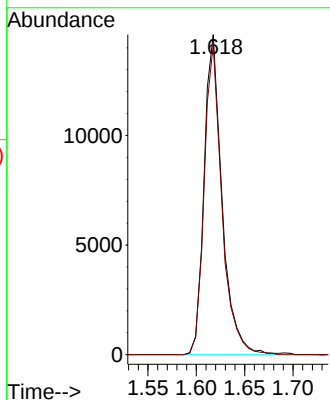
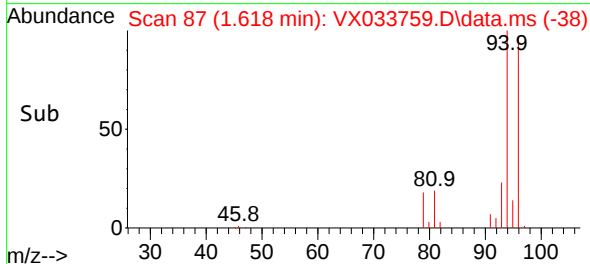
Instrument :
MSVOA_X
ClientSampleId :
VX0117MBSD01



Tgt Ion: 94 Resp: 1888
Ion Ratio Lower Upper
94 100
96 96.9 74.3 111.5

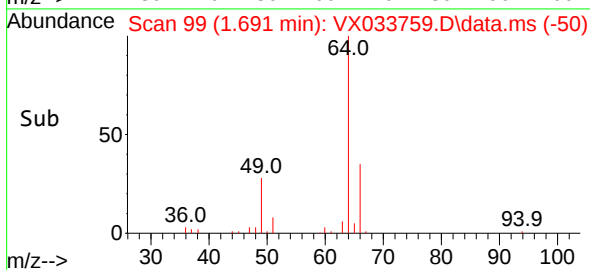
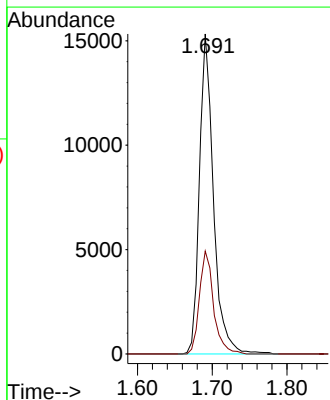
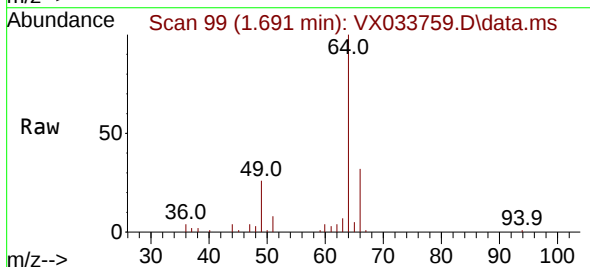
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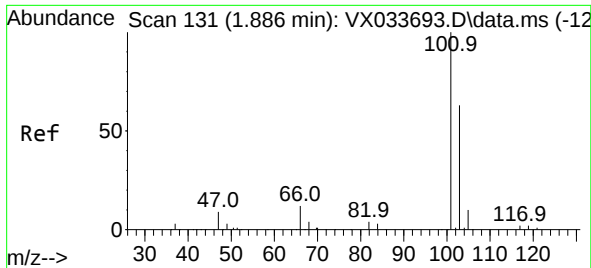
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#6
Chloroethane
Concen: 19.454 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

Tgt Ion: 64 Resp: 19925
Ion Ratio Lower Upper
64 100
66 32.2 26.1 39.1





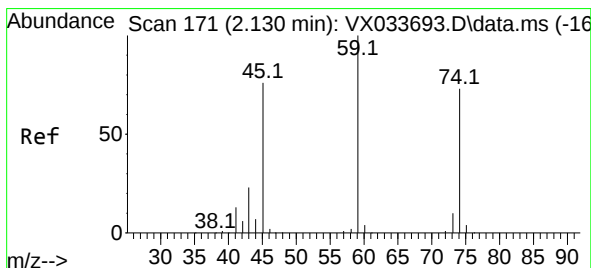
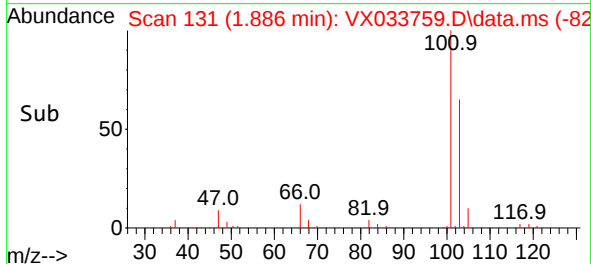
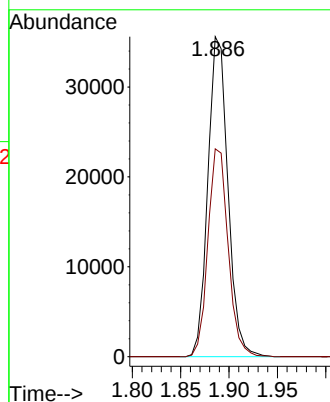
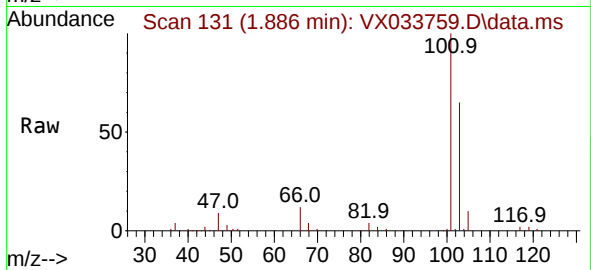
#7
Trichlorofluoromethane
Concen: 19.131 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0117MBSD01

Tgt Ion:101 Resp: 51398
Ion Ratio Lower Upper
101 100
103 65.0 50.6 75.8

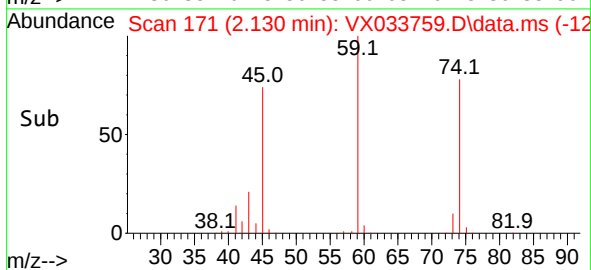
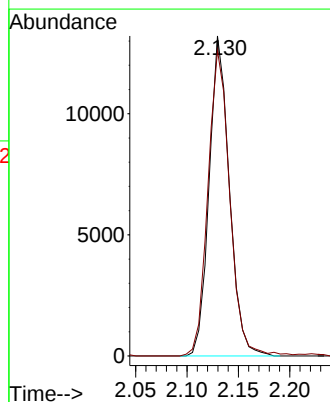
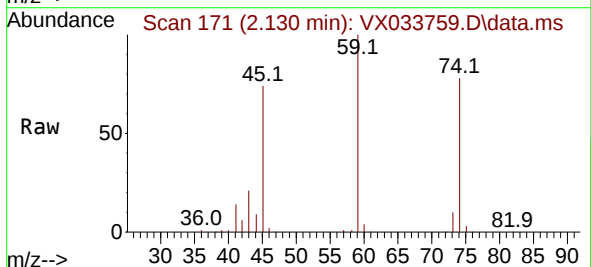
Manual Integrations
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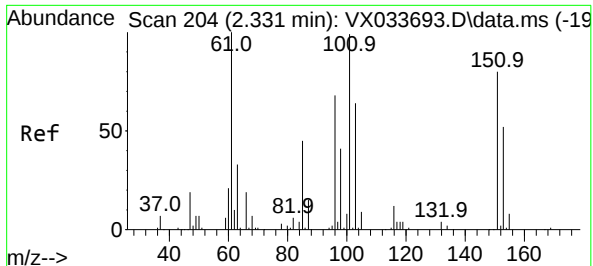
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#8
Diethyl Ether
Concen: 20.548 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

Tgt Ion: 74 Resp: 18075
Ion Ratio Lower Upper
74 100
45 103.1 51.5 154.5





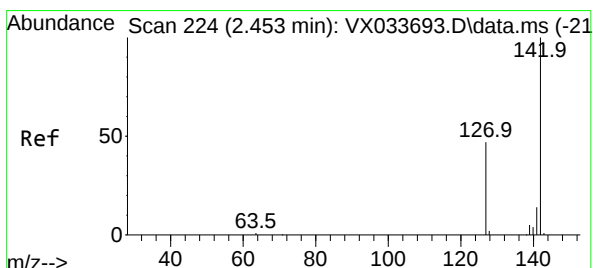
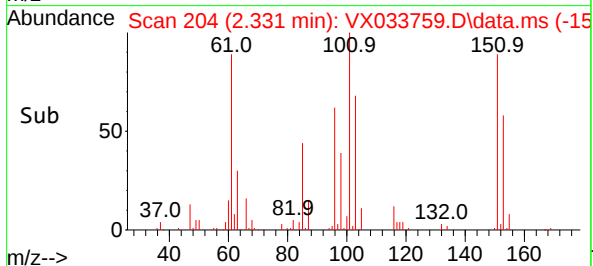
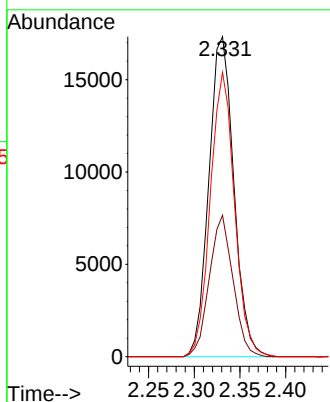
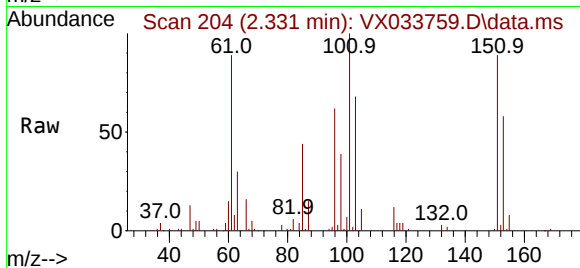
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.684 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

Instrument :
MSVOA_X
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Tgt Ion:101 Resp: 3293
Ion Ratio Lower Upper
101 100
85 41.8 36.7 55.1
151 86.1 66.5 99.7

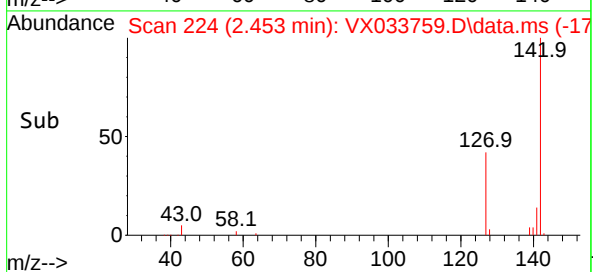
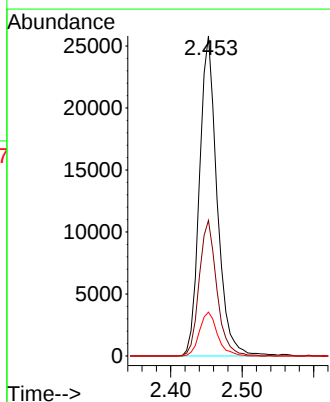
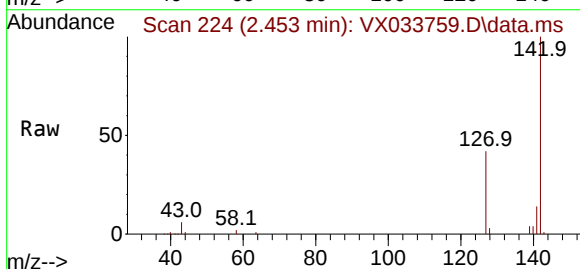
Manual Integrations
APPROVED

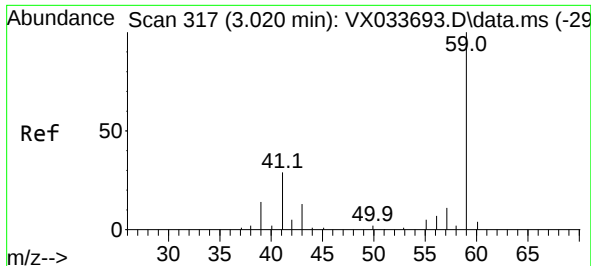
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#10
Methyl Iodide
Concen: 20.341 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

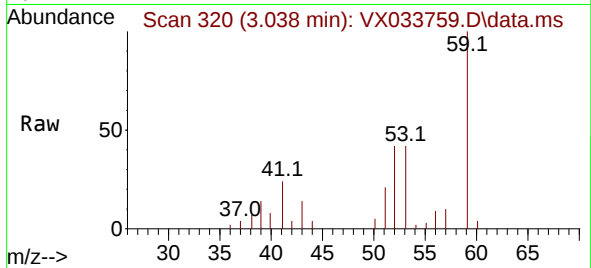
Tgt Ion:142 Resp: 44185
Ion Ratio Lower Upper
142 100
127 42.2 37.3 55.9
141 13.9 11.5 17.3





#11
Tert butyl alcohol
Concen: 85.102 ug/l m
RT: 3.038 min Scan# 31
Delta R.T. 0.018 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

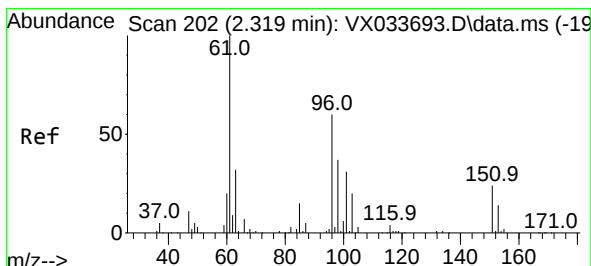
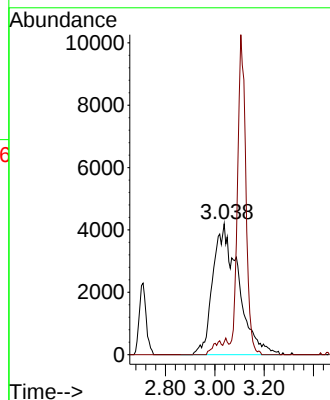
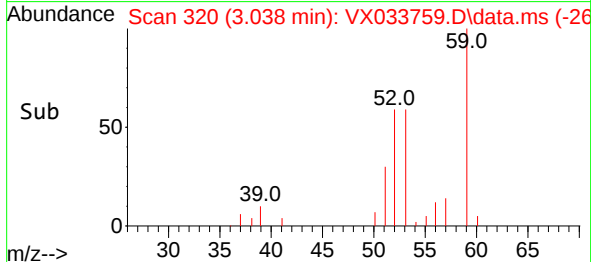
Instrument :
MSVOA_X
ClientSampleId :
VX0117MBS01



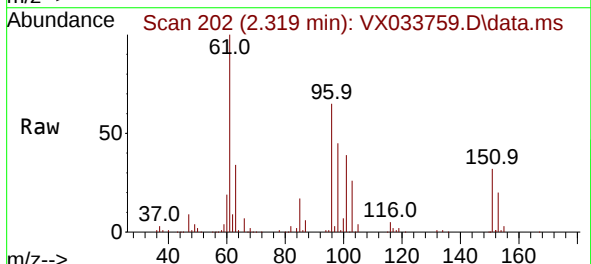
Tgt Ion: 59 Resp: 3044
Ion Ratio Lower Upper
59 100
57 3.7 3.7 5.5

Manual Integrations
APPROVED

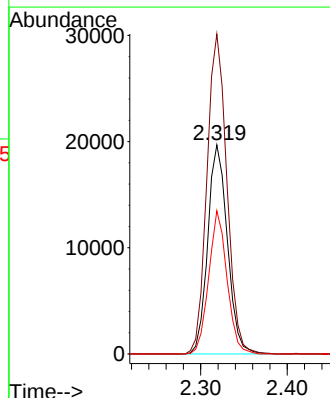
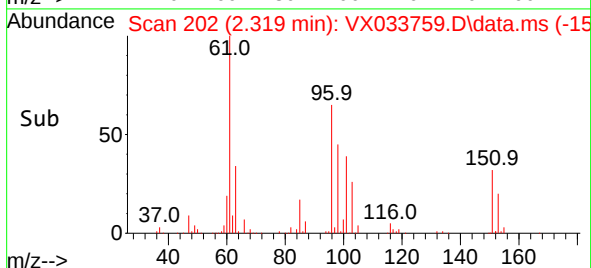
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023

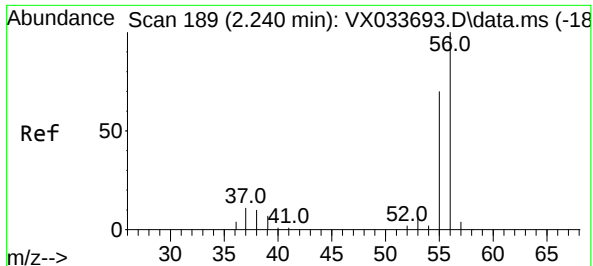


#12
1,1-Dichloroethene
Concen: 19.530 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43



Tgt Ion: 96 Resp: 31077
Ion Ratio Lower Upper
96 100
61 153.1 134.2 201.4
98 68.5 50.2 75.2





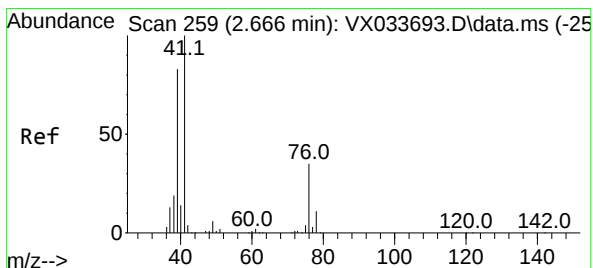
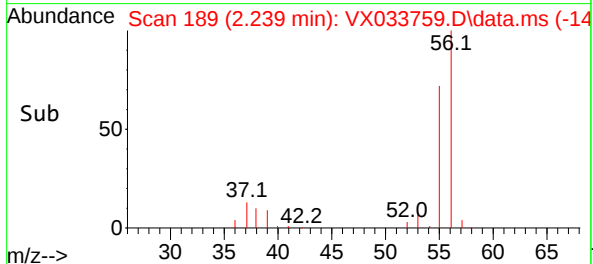
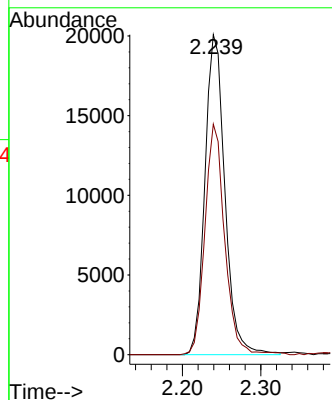
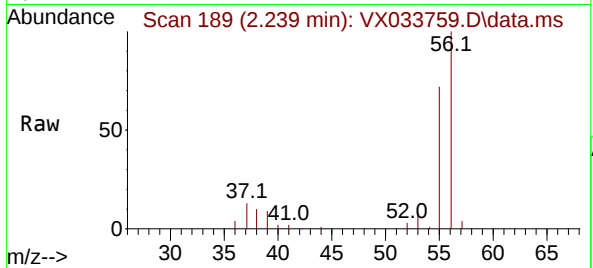
#13
Acrolein
Concen: 107.486 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0117MBSD01

Tgt Ion: 56 Resp: 35474
Ion Ratio Lower Upper
56 100
55 71.6 56.3 84.5

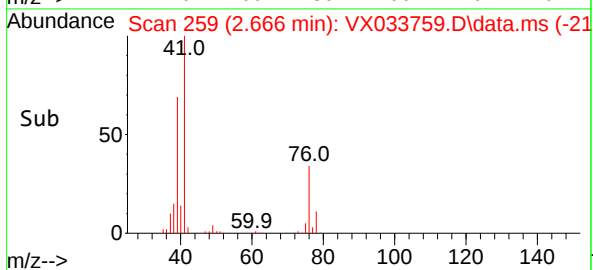
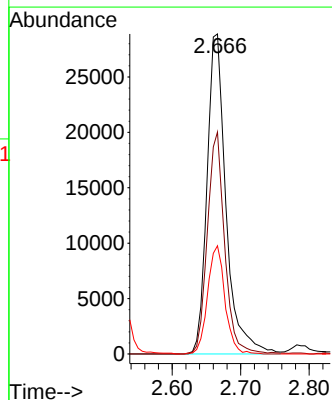
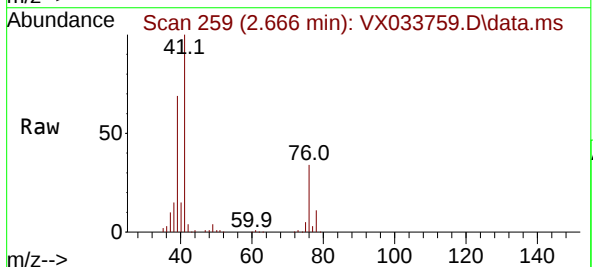
Manual Integrations
APPROVED

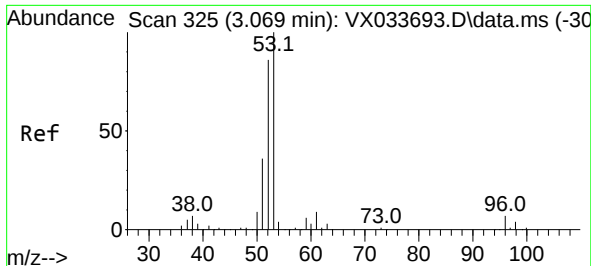
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#14
Allyl chloride
Concen: 18.587 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

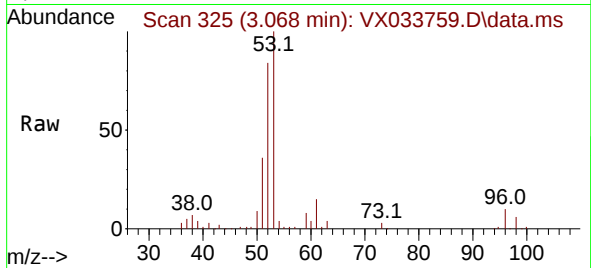
Tgt Ion: 41 Resp: 55784
Ion Ratio Lower Upper
41 100
39 63.1 59.0 88.4
76 30.9 24.6 37.0





#15
Acrylonitrile
Concen: 90.368 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

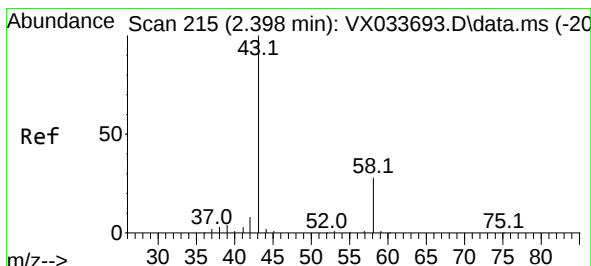
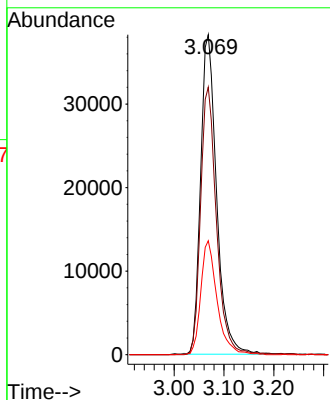
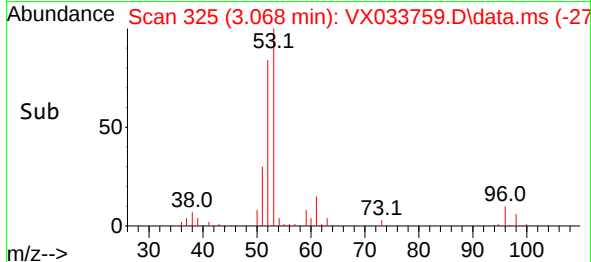
Instrument :
MSVOA_X
ClientSampleId :
VX0117MBSD01



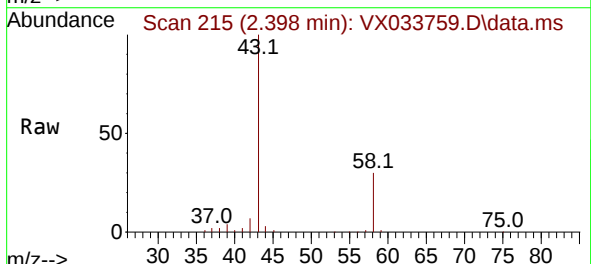
Tgt Ion: 53 Resp: 8507
Ion Ratio Lower Upper
53 100
52 83.3 65.7 98.5
51 36.5 29.0 43.4

Manual Integrations
APPROVED

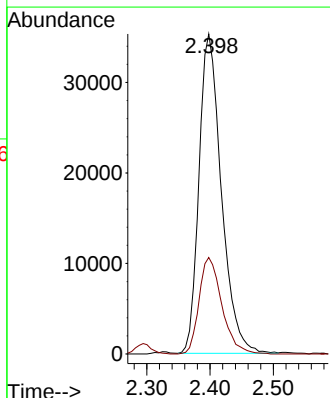
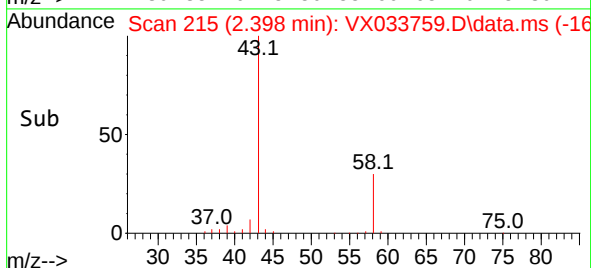
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023

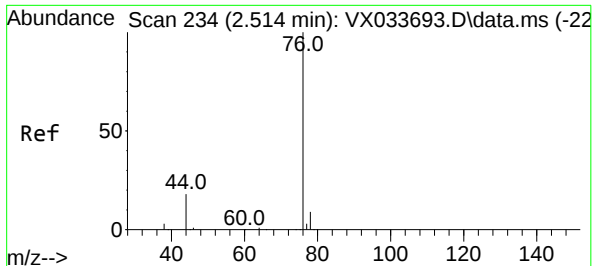


#16
Acetone
Concen: 109.201 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43



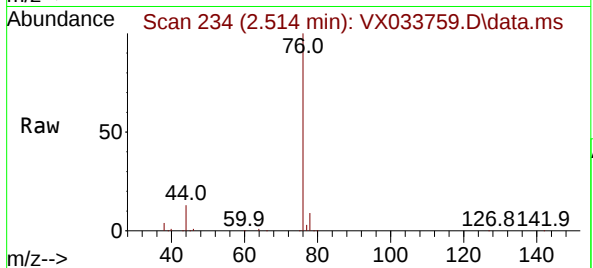
Tgt Ion: 43 Resp: 86936
Ion Ratio Lower Upper
43 100
58 30.2 22.6 33.8





#17
Carbon Disulfide
Concen: 19.183 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

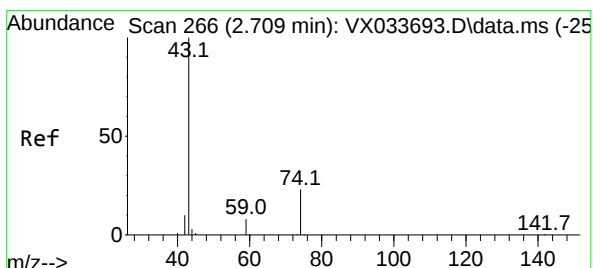
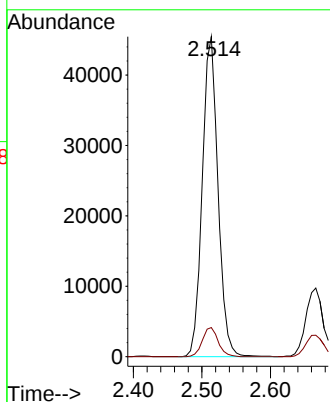
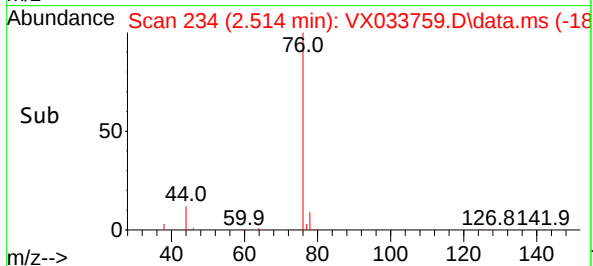
Instrument :
MSVOA_X
ClientSampleId :
VX0117MBSD01



Tgt Ion: 76 Resp: 7255
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

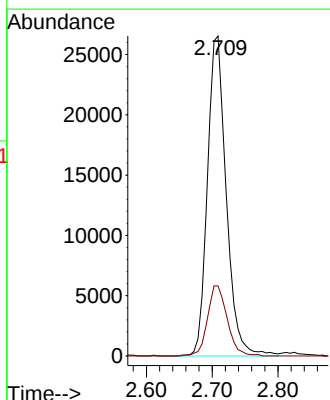
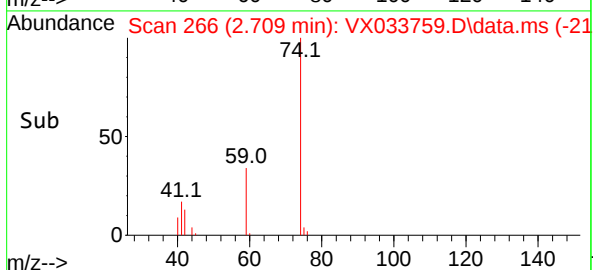
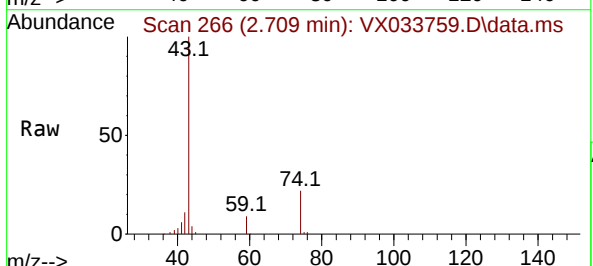
Manual Integrations
APPROVED

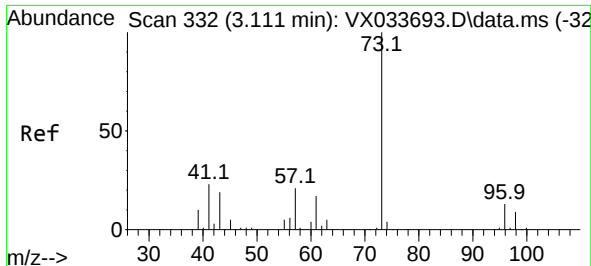
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#18
Methyl Acetate
Concen: 18.426 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

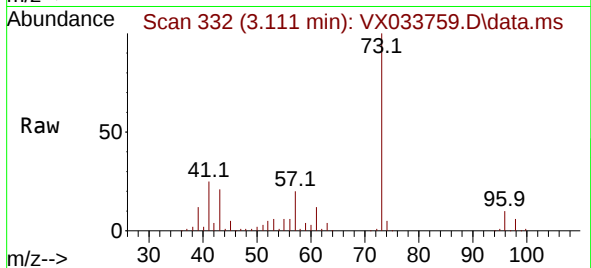
Tgt Ion: 43 Resp: 52950
Ion Ratio Lower Upper
43 100
74 23.0 18.2 27.4





#19
Methyl tert-butyl Ether
Concen: 19.166 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

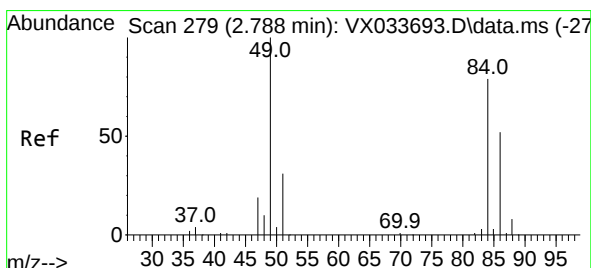
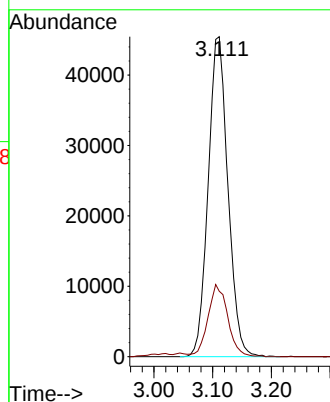
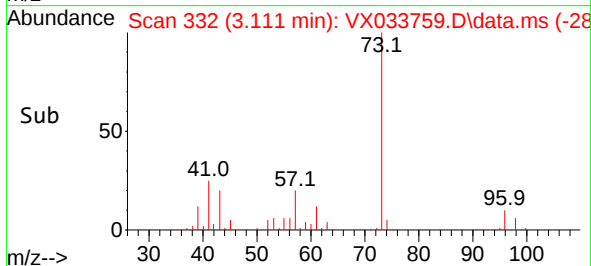
Instrument :
MSVOA_X
ClientSampleId :
VX0117MBSD01



Tgt Ion: 73 Resp: 10592
Ion Ratio Lower Upper
73 100
57 20.4 17.4 26.0

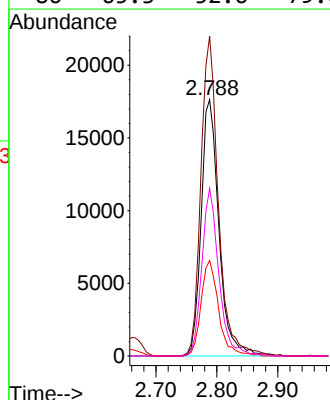
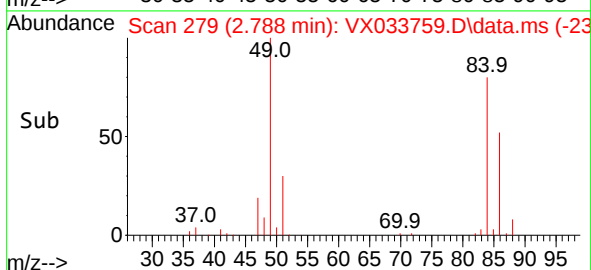
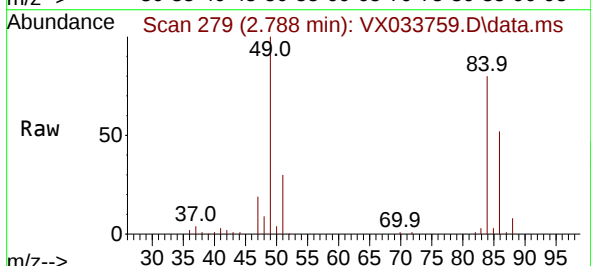
Manual Integrations
APPROVED

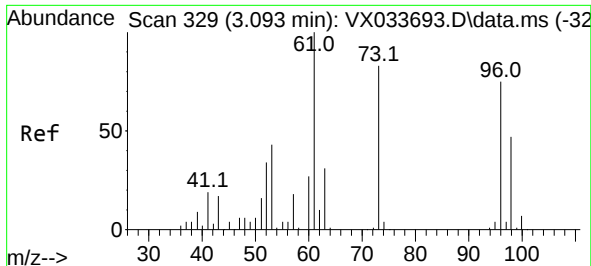
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#20
Methylene Chloride
Concen: 18.389 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

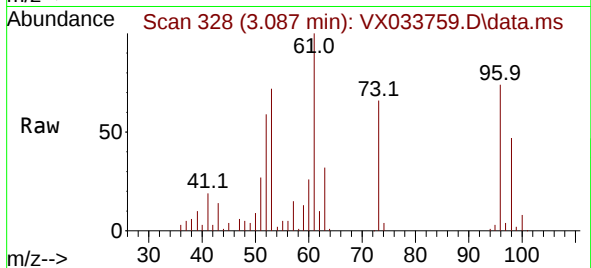
Tgt Ion: 84 Resp: 35758
Ion Ratio Lower Upper
84 100
49 124.8 101.1 151.7
51 37.3 31.0 46.6
86 65.3 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 18.345 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

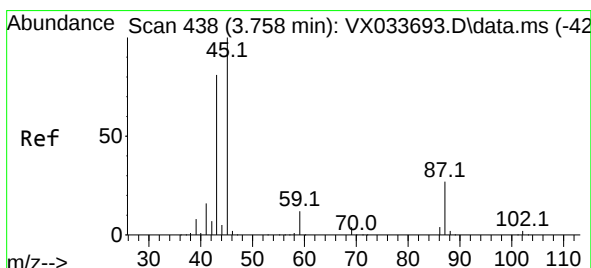
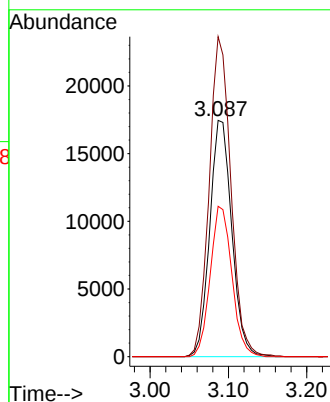
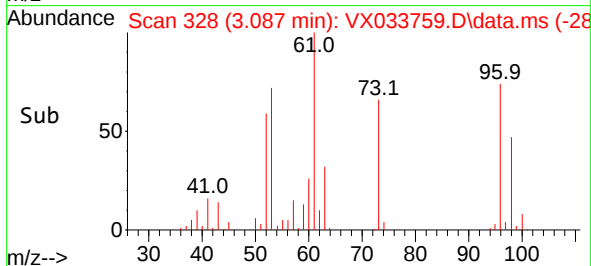
Instrument :
MSVOA_X
ClientSampleId :
VX0117MBSD01



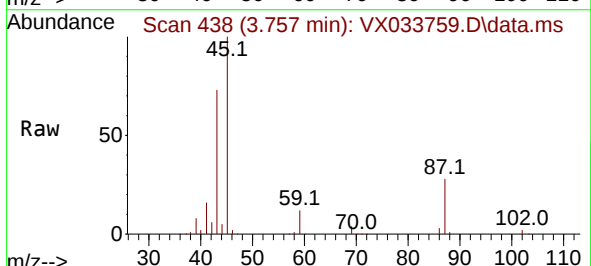
Tgt Ion: 96 Resp: 34120
Ion Ratio Lower Upper
96 100
61 135.4 106.7 160.1
98 63.6 50.0 75.0

Manual Integrations
APPROVED

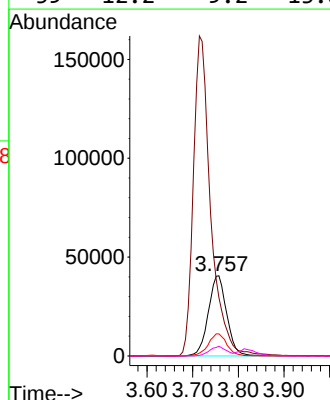
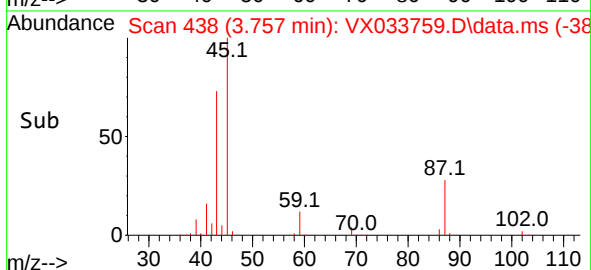
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023

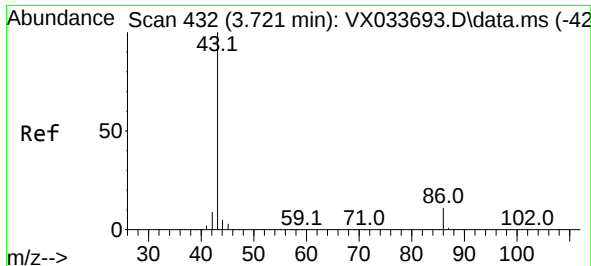


#22
Diisopropyl ether
Concen: 18.790 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43



Tgt Ion: 45 Resp: 113465
Ion Ratio Lower Upper
45 100
43 72.0 64.6 97.0
87 27.5 21.9 32.9
59 12.2 9.2 13.8





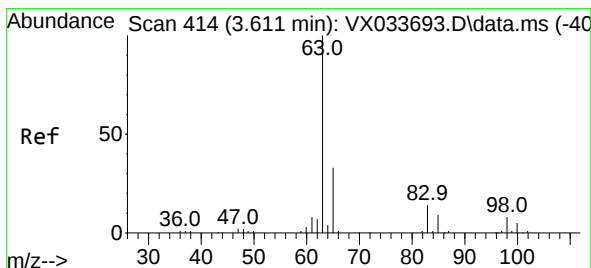
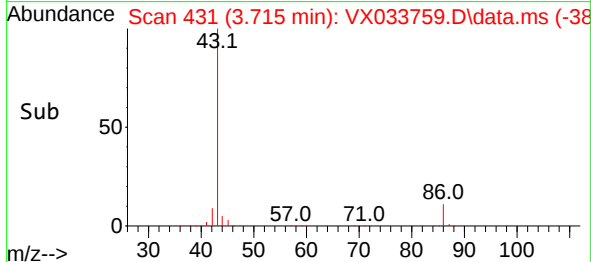
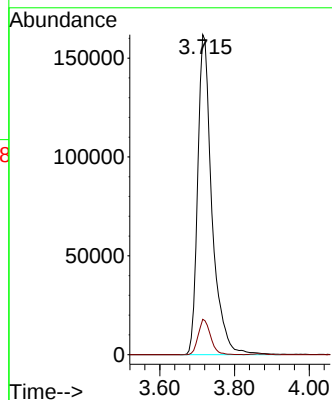
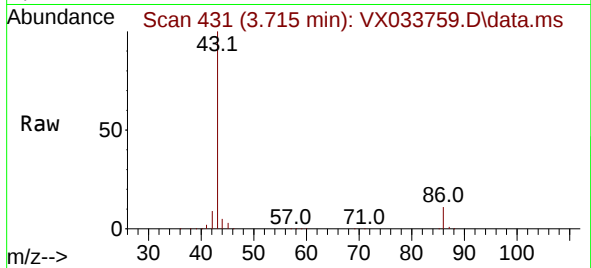
#23
 Vinyl Acetate
 Concen: 94.125 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX033759.D
 Acq: 17 Jan 2023 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117MBSD01

Tgt Ion: 43 Resp: 42786
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.4 12.6

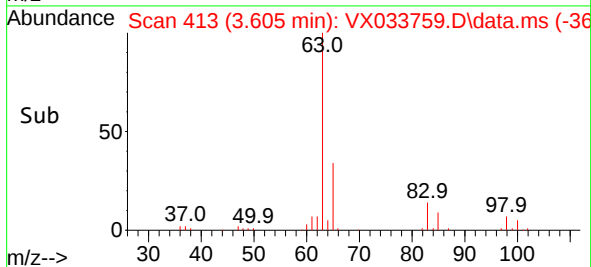
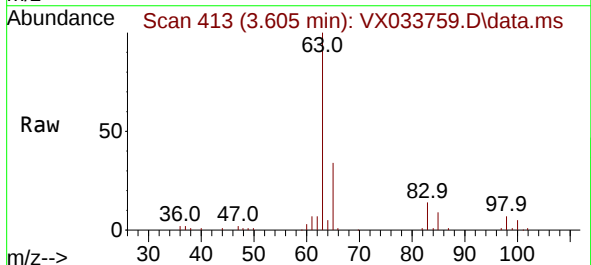
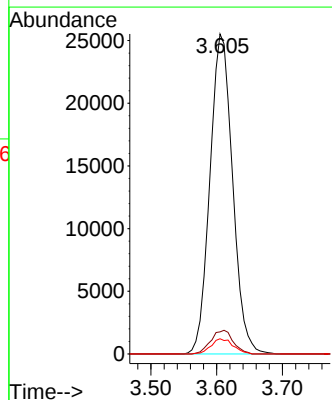
Manual Integrations
 APPROVED

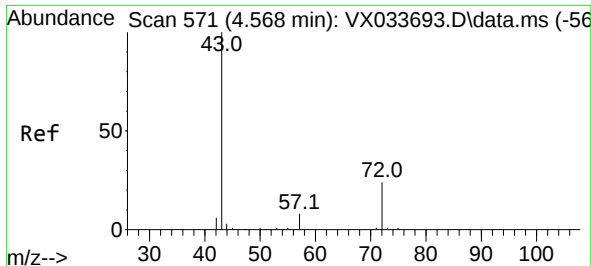
Reviewed By :John Carlone 01/18/2023
 Supervised By :Mahesh Dadoda 01/18/2023



#24
 1,1-Dichloroethane
 Concen: 18.521 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX033759.D
 Acq: 17 Jan 2023 14:43

Tgt Ion: 63 Resp: 61188
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.2
 100 4.7 2.4 7.2





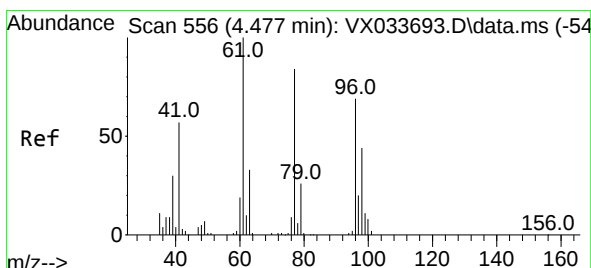
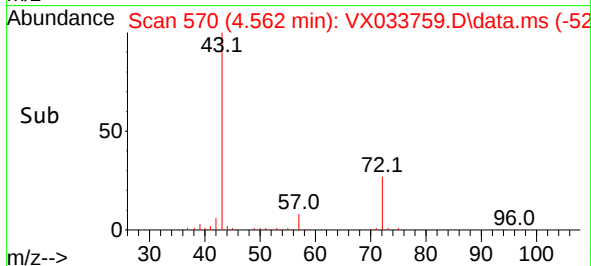
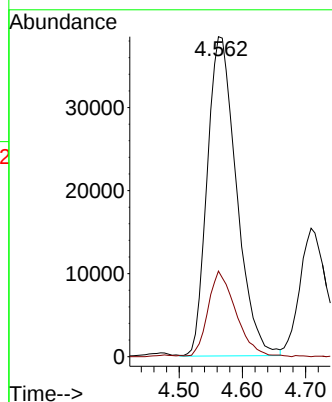
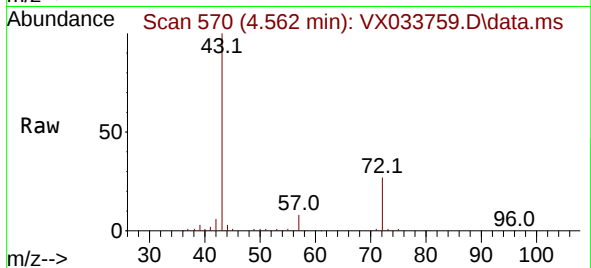
#25
2-Butanone
Concen: 91.939 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0117MBSD01

Tgt Ion: 43 Resp: 12369
Ion Ratio Lower Upper
43 100
72 26.5 19.4 29.2

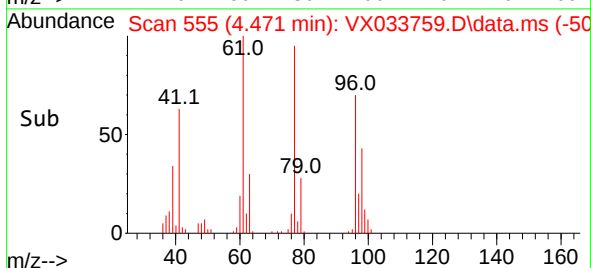
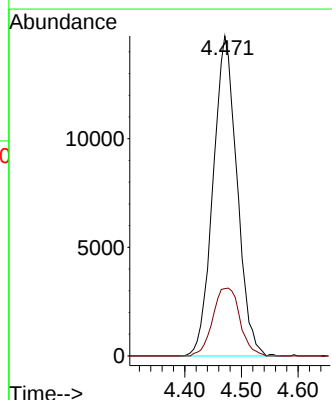
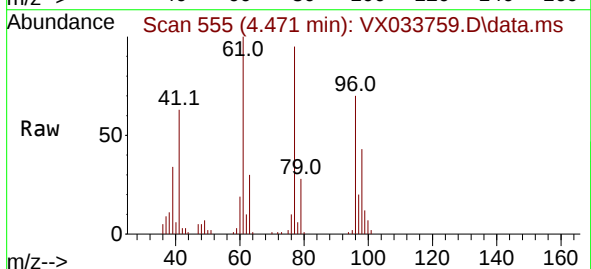
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#26
2,2-Dichloropropane
Concen: 18.228 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

Tgt Ion: 77 Resp: 43135
Ion Ratio Lower Upper
77 100
97 24.0 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 18.942 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX033759.D

Acq: 17 Jan 2023 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBSD01

Tgt Ion: 96 Resp: 40510

Ion Ratio Lower Upper

96 100

61 135.1 0.0 277.6

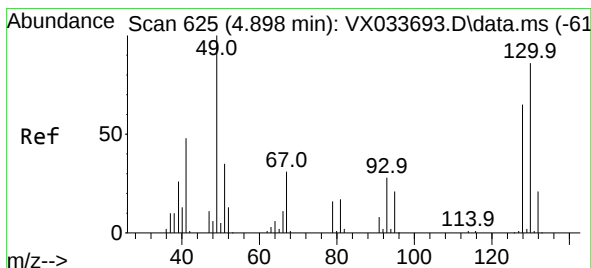
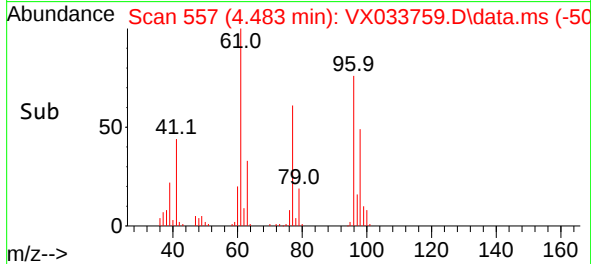
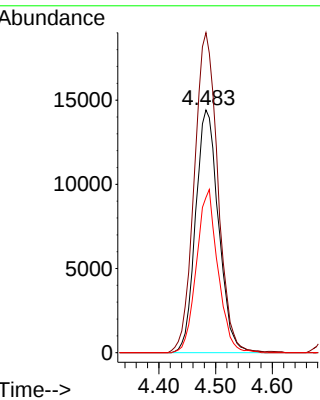
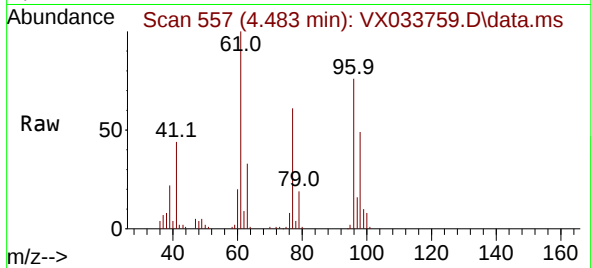
98 62.9 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#28

Bromochloromethane

Concen: 20.650 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX033759.D

Acq: 17 Jan 2023 14:43

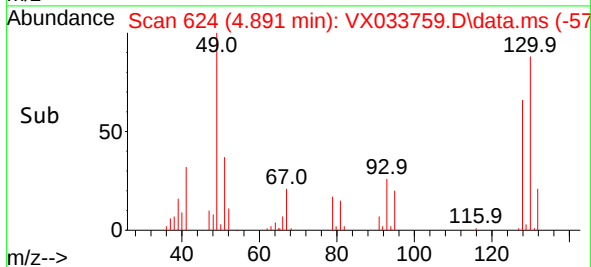
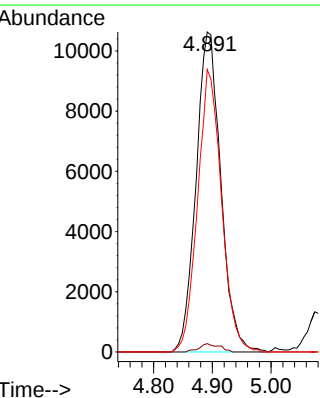
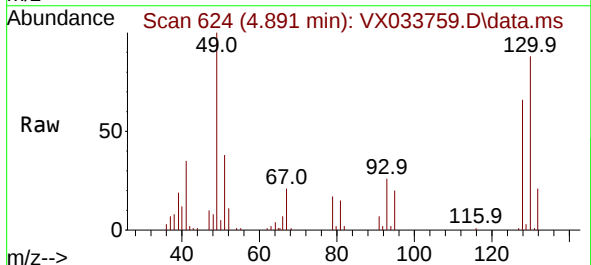
Tgt Ion: 49 Resp: 31076

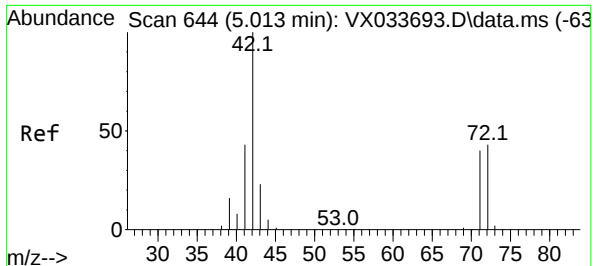
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 85.2 68.5 102.7





#29

Tetrahydrofuran

Concen: 89.418 ug/l

RT: 5.013 min Scan# 644

Delta R.T. -0.000 min

Lab File: VX033759.D

Acq: 17 Jan 2023 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBSD01

Tgt Ion: 42 Resp: 7582

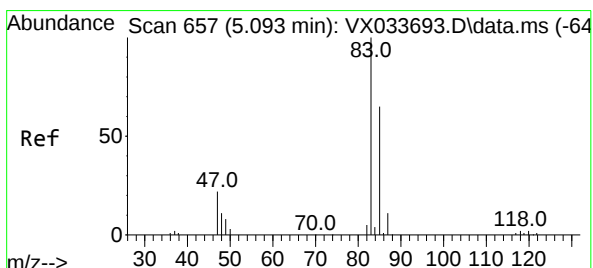
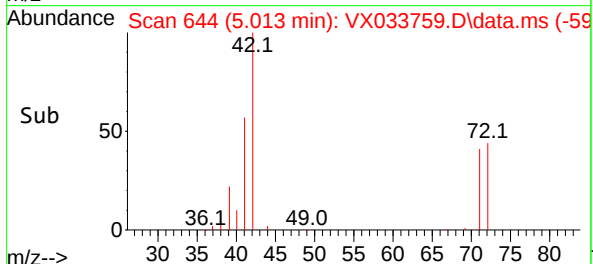
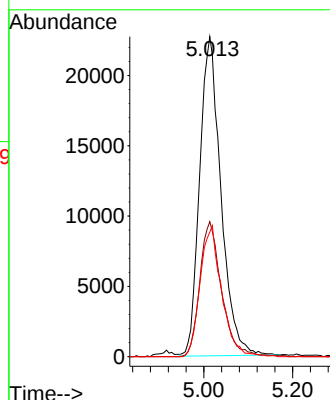
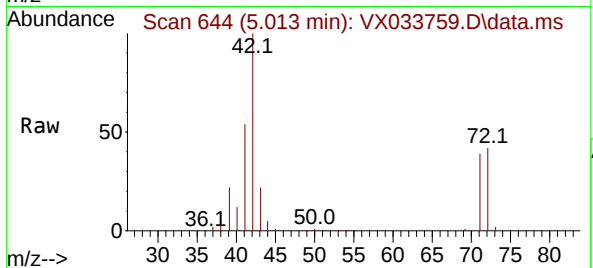
Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.8	52.2
71	41.2	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#30

Chloroform

Concen: 18.569 ug/l

RT: 5.086 min Scan# 656

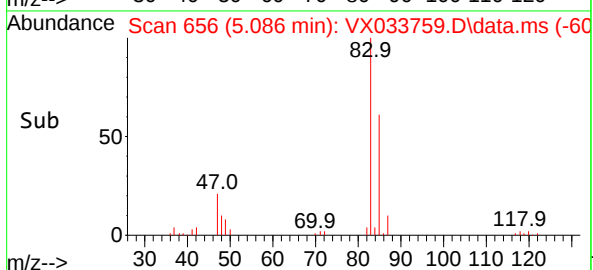
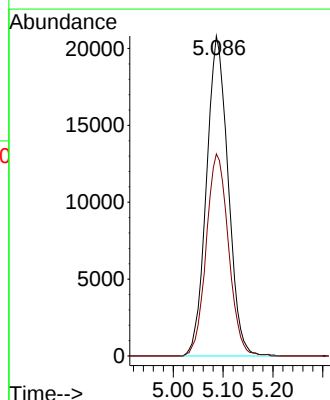
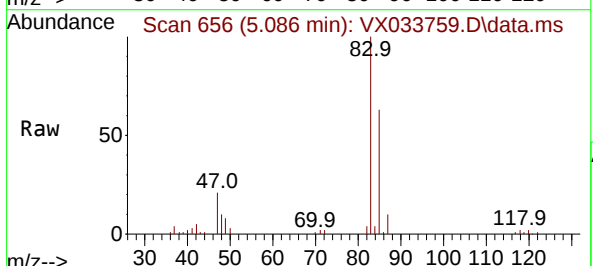
Delta R.T. -0.006 min

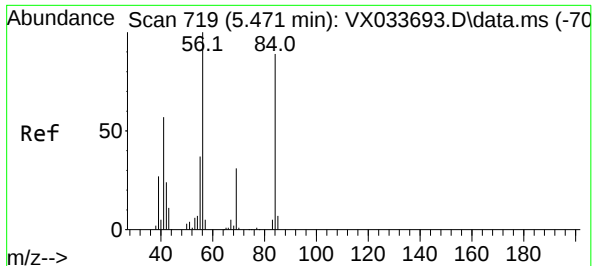
Lab File: VX033759.D

Acq: 17 Jan 2023 14:43

Tgt Ion: 83 Resp: 62832

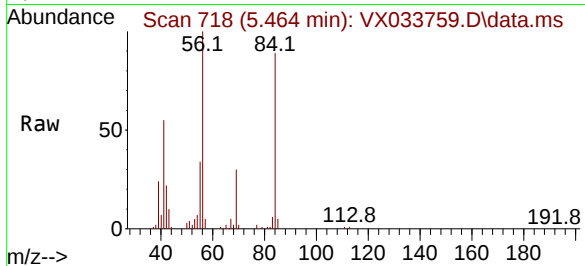
Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.1	78.1





#31
Cyclohexane
Concen: 18.852 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

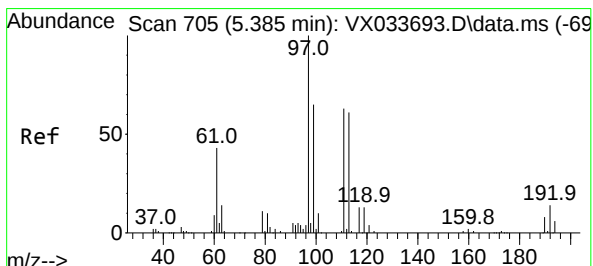
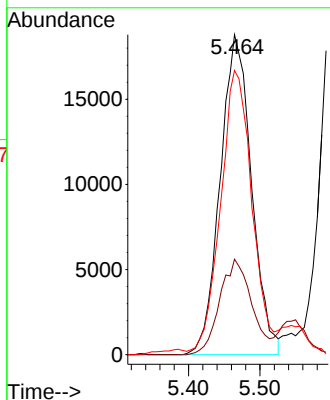
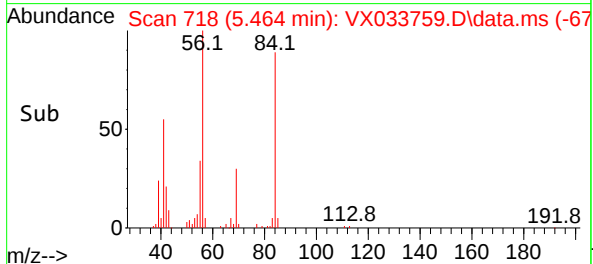
Instrument :
MSVOA_X
ClientSampleId :
VX0117MBSD01



Tgt Ion: 56 Resp: 57119
Ion Ratio Lower Upper
56 100
69 29.8 24.6 37.0
84 87.1 71.0 106.6

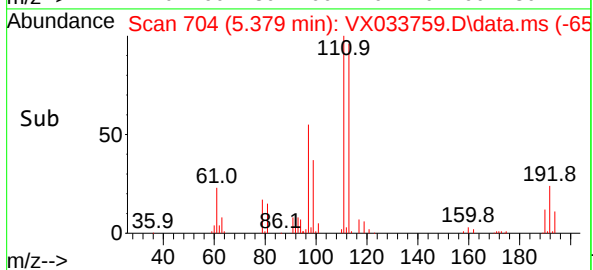
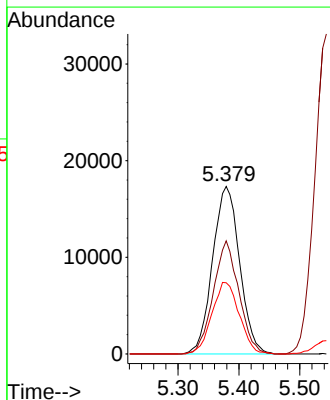
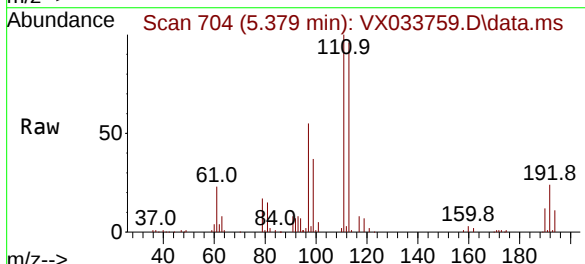
Manual Integrations
APPROVED

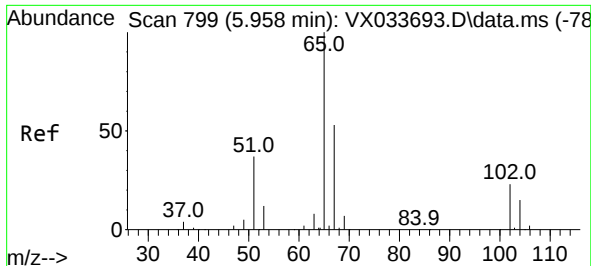
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#32
1,1,1-Trichloroethane
Concen: 18.517 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

Tgt Ion: 97 Resp: 53495
Ion Ratio Lower Upper
97 100
99 63.9 52.3 78.5
61 43.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.591 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX033759.D

Acq: 17 Jan 2023 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBS01

Tgt Ion: 65 Resp: 104170

Ion Ratio Lower Upper

65 100

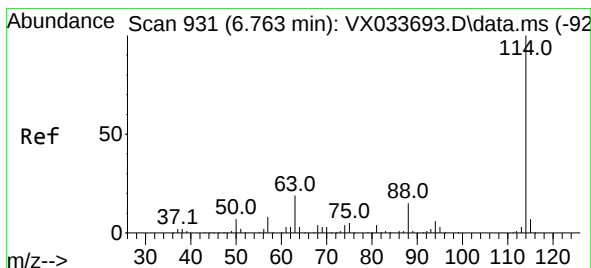
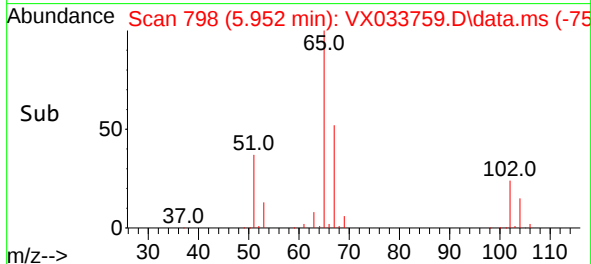
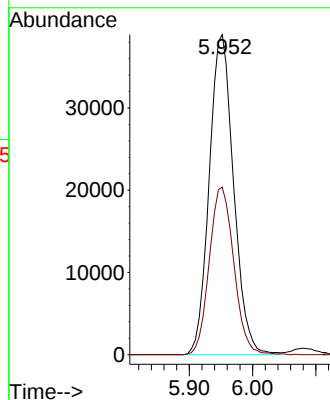
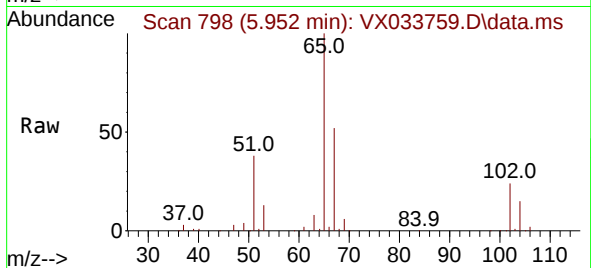
67 52.7 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033759.D

Acq: 17 Jan 2023 14:43

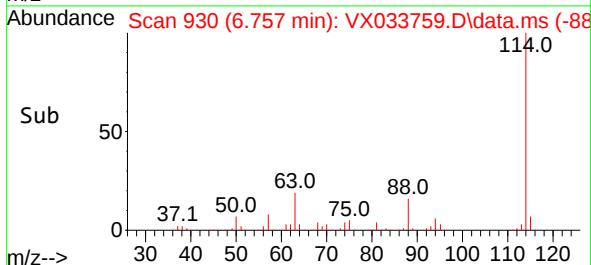
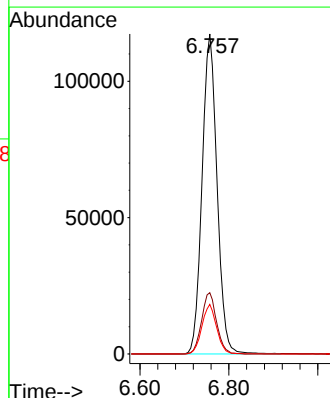
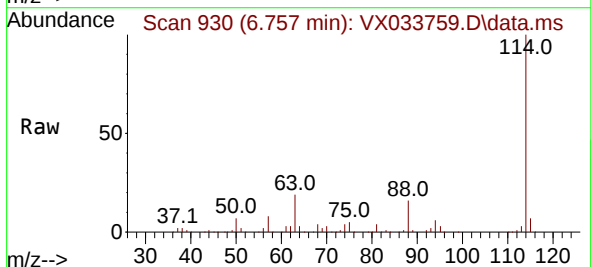
Tgt Ion:114 Resp: 275396

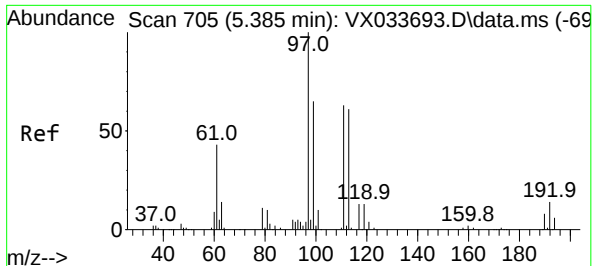
Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.4

88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.044 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX033759.D

Acq: 17 Jan 2023 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBSD01

Tgt Ion: 113 Resp: 92419

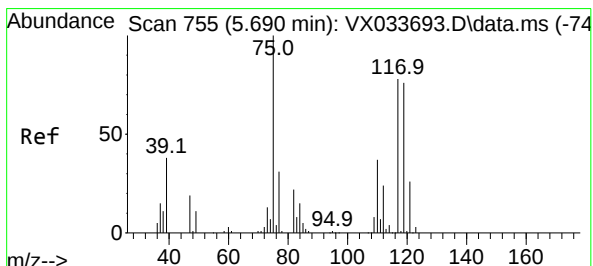
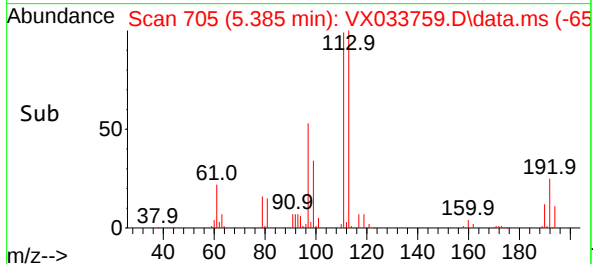
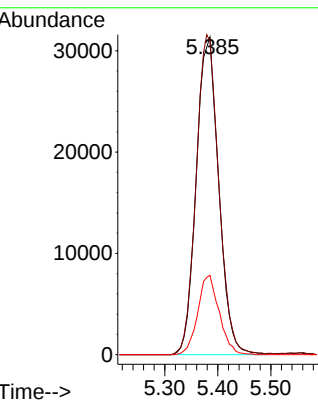
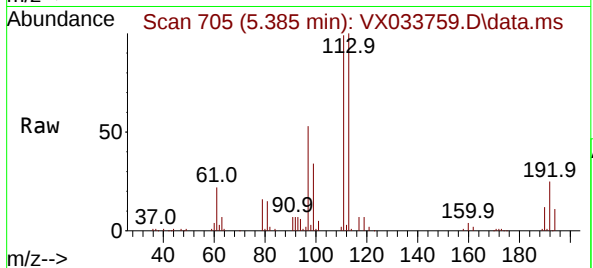
Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.0	124.6
192	23.8	19.0	28.4

Manual Integrations

APPROVED

Reviewed By : John Carlone 01/18/2023

Supervised By : Mahesh Dadoda 01/18/2023



#36

1,1-Dichloropropene

Concen: 19.050 ug/l

RT: 5.690 min Scan# 755

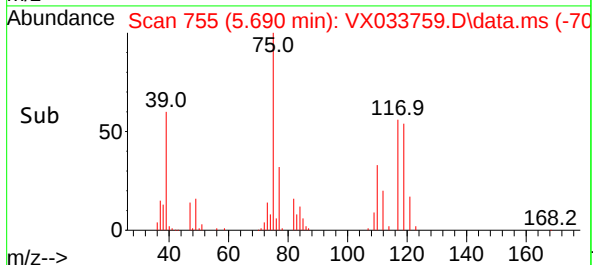
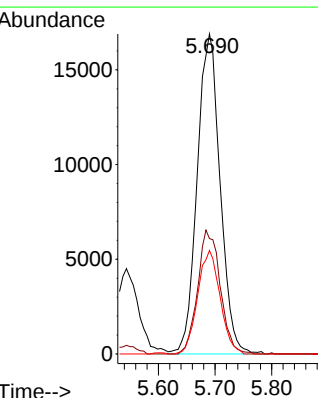
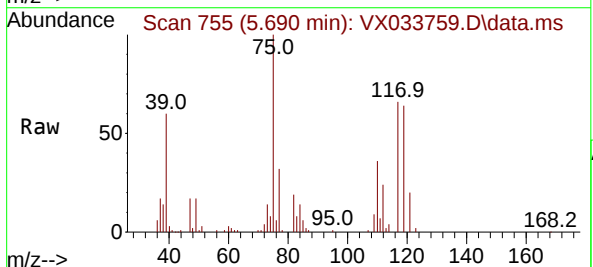
Delta R.T. -0.000 min

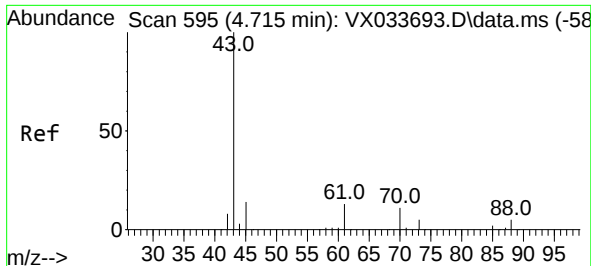
Lab File: VX033759.D

Acq: 17 Jan 2023 14:43

Tgt Ion: 75 Resp: 47543

Ion	Ratio	Lower	Upper
75	100		
110	38.0	18.8	56.4
77	31.7	25.1	37.7





#37

Ethyl Acetate

Concen: 17.221 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.007 min

Lab File: VX033759.D

Acq: 17 Jan 2023 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBS01

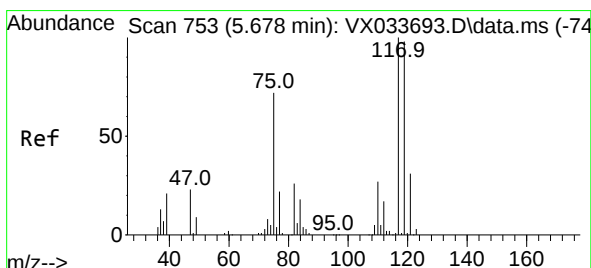
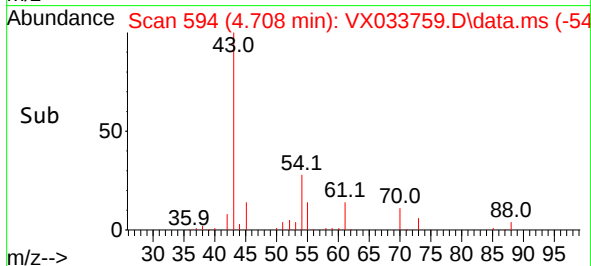
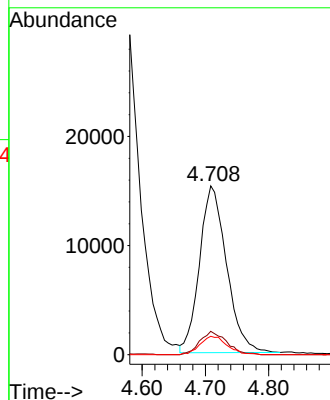
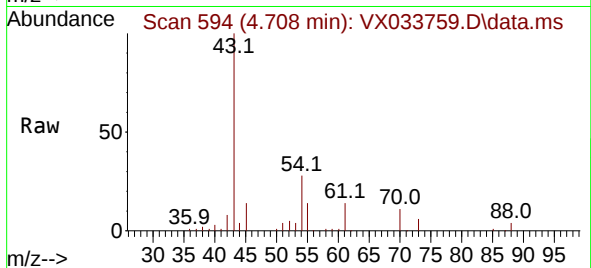
Tgt Ion: 43	Resp: 4547
Ion Ratio	Lower Upper
43 100	
61 13.8	11.1 16.7
70 11.1	8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#38

Carbon Tetrachloride

Concen: 18.575 ug/l

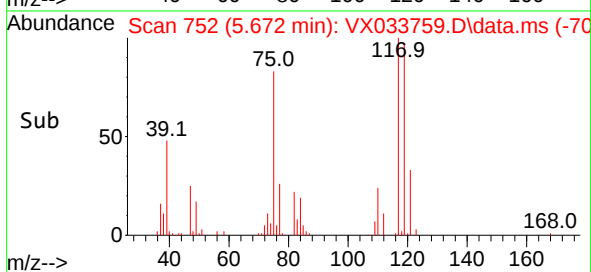
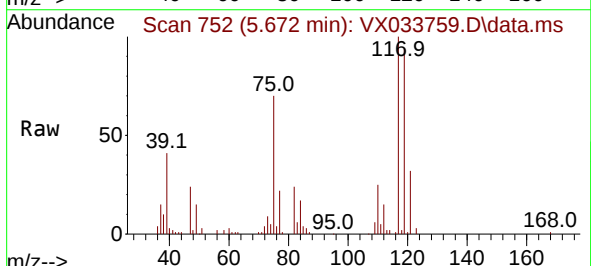
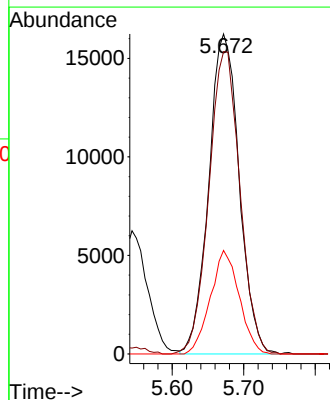
RT: 5.672 min Scan# 752

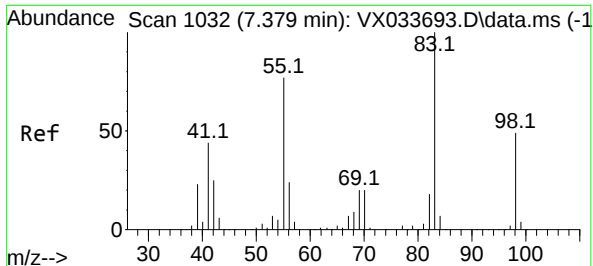
Delta R.T. -0.006 min

Lab File: VX033759.D

Acq: 17 Jan 2023 14:43

Tgt Ion:117	Resp: 48014
Ion Ratio	Lower Upper
117 100	
119 94.5	78.0 117.0
121 32.4	24.4 36.6





#39

Methylcyclohexane

Concen: 19.590 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX033759.D

Acq: 17 Jan 2023 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBSD01

Tgt Ion: 83 Resp: 60378

Ion Ratio Lower Upper

83 100

55 75.2 61.8 92.6

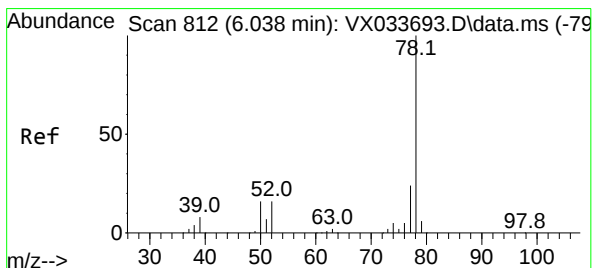
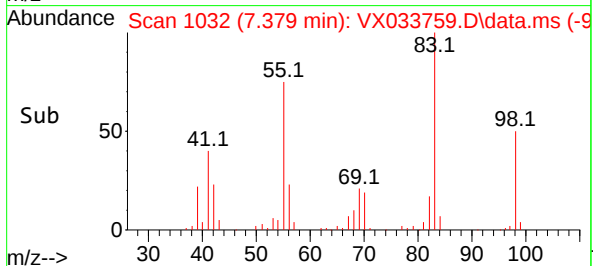
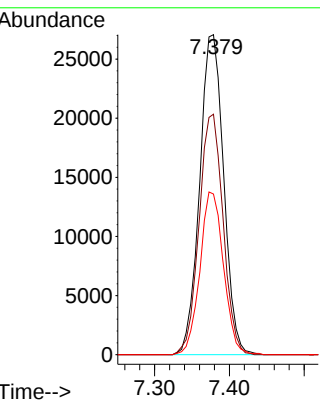
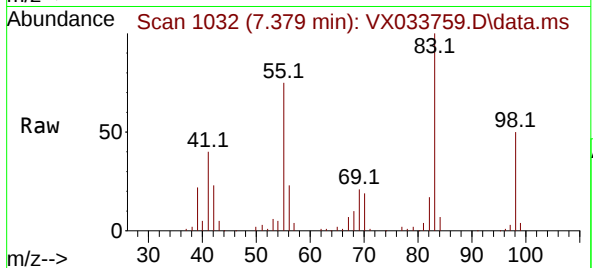
98 50.2 39.3 58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#40

Benzene

Concen: 19.058 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX033759.D

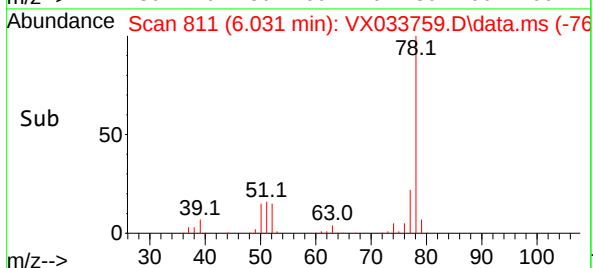
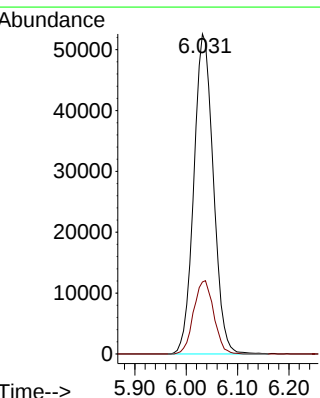
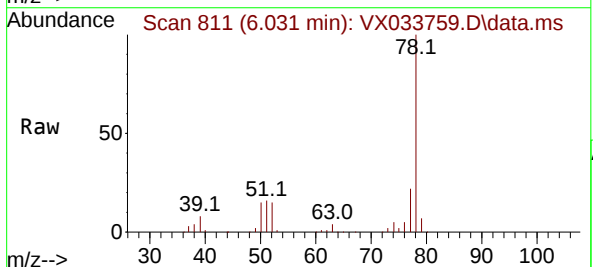
Acq: 17 Jan 2023 14:43

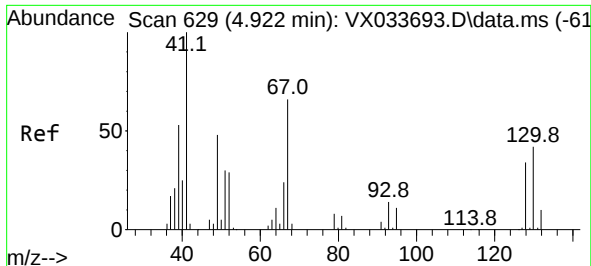
Tgt Ion: 78 Resp: 138638

Ion Ratio Lower Upper

78 100

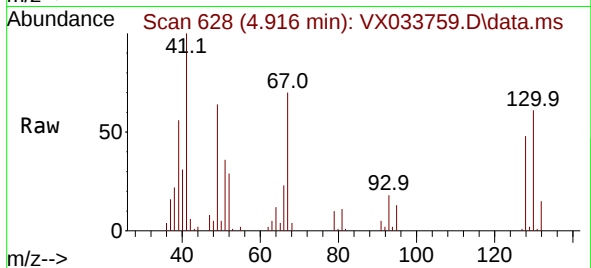
77 22.5 19.0 28.4





#41
Methacrylonitrile
Concen: 19.475 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

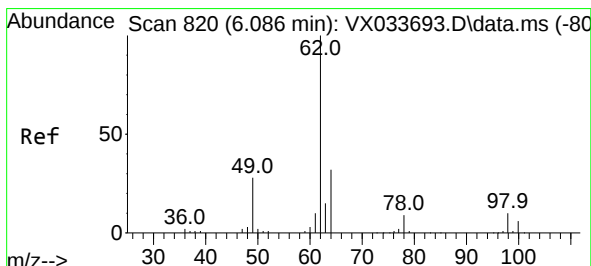
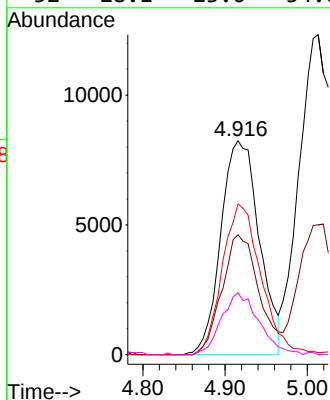
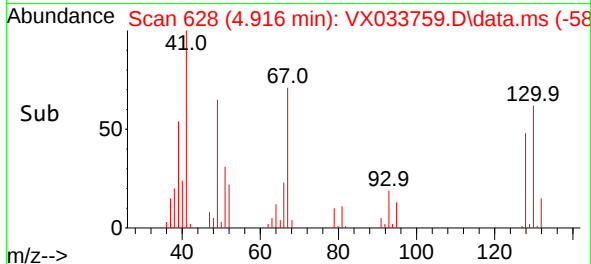
Instrument :
MSVOA_X
ClientSampleId :
VX0117MBSD01



Tgt Ion: 41 Resp: 2678
Ion Ratio Lower Upper
41 100
39 54.7 43.8 65.6
67 71.2 54.8 82.2
52 28.1 23.0 34.6

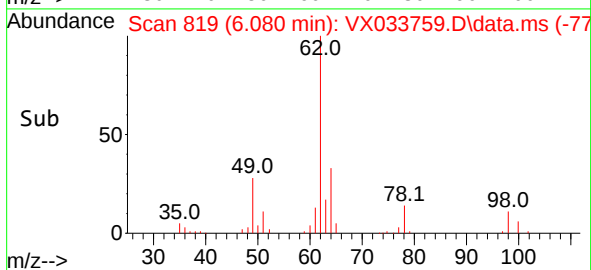
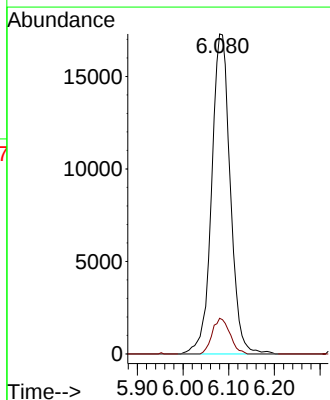
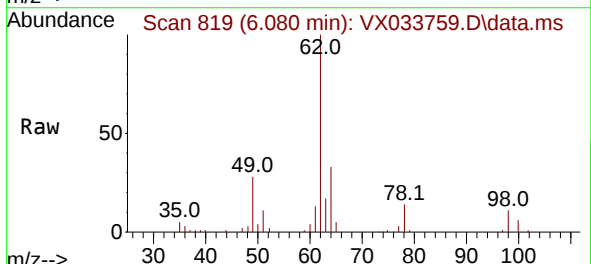
Manual Integrations
APPROVED

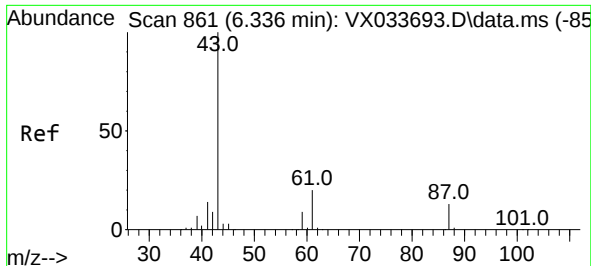
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#42
1,2-Dichloroethane
Concen: 18.997 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

Tgt Ion: 62 Resp: 48974
Ion Ratio Lower Upper
62 100
98 10.6 0.0 20.2





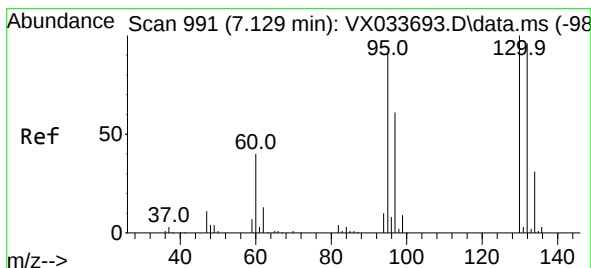
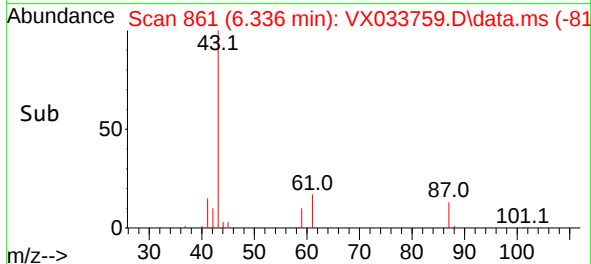
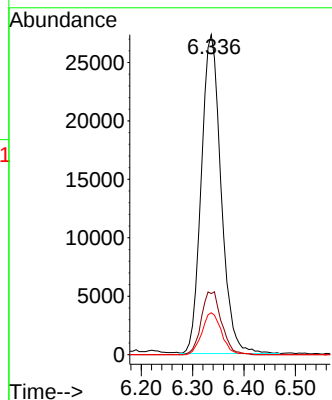
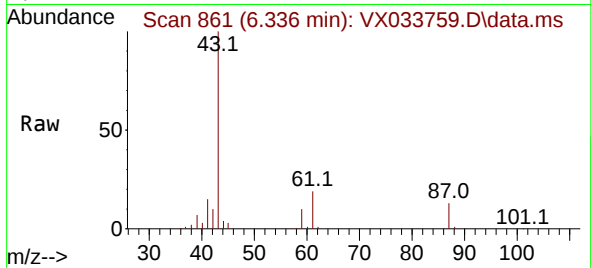
#43
Isopropyl Acetate
Concen: 18.474 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0117MBSD01

Tgt Ion: 43 Resp: 72789
Ion Ratio Lower Upper
43 100
61 20.2 15.7 23.5
87 13.1 10.6 15.8

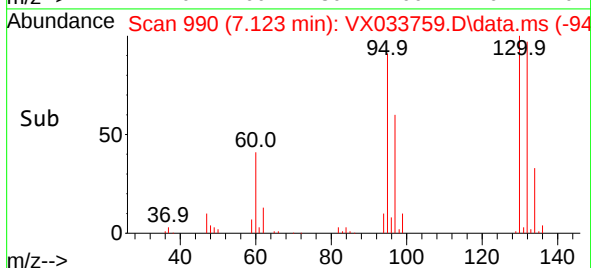
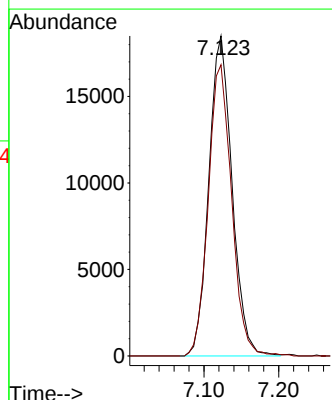
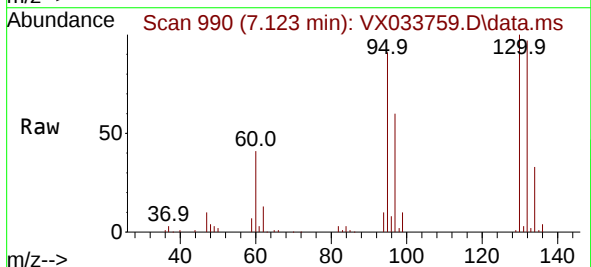
Manual Integrations
APPROVED

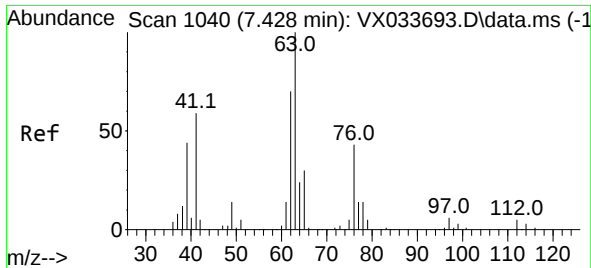
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#44
Trichloroethene
Concen: 19.707 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

Tgt Ion:130 Resp: 40089
Ion Ratio Lower Upper
130 100
95 91.0 0.0 182.6





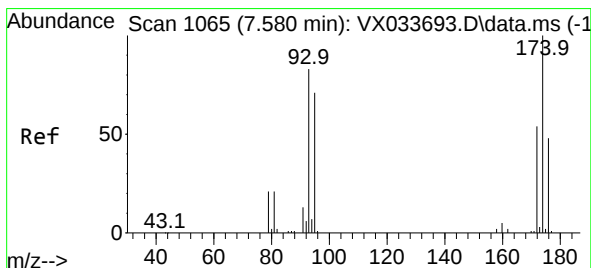
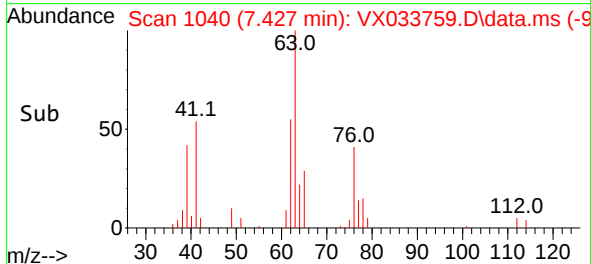
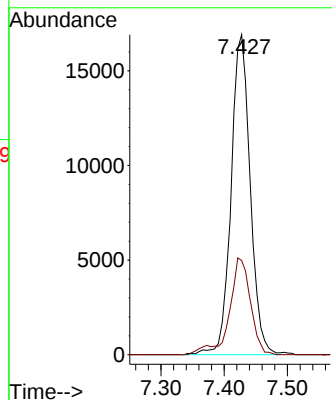
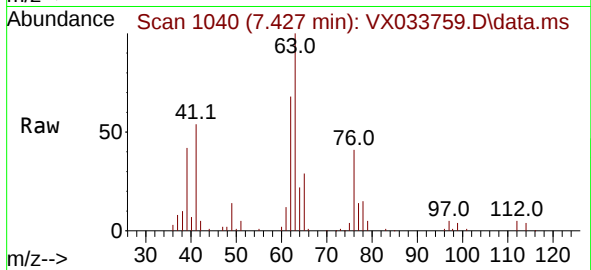
#45
1,2-Dichloropropane
Concen: 19.526 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0117MBSD01

Tgt Ion: 63 Resp: 3558
Ion Ratio Lower Upper
63 100
65 29.5 24.2 36.2

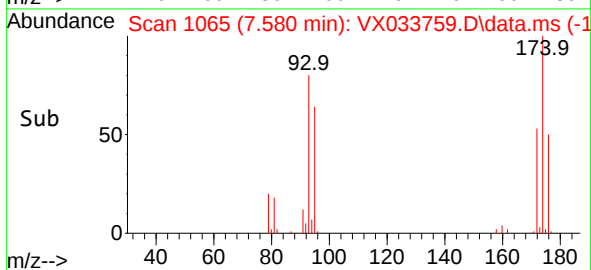
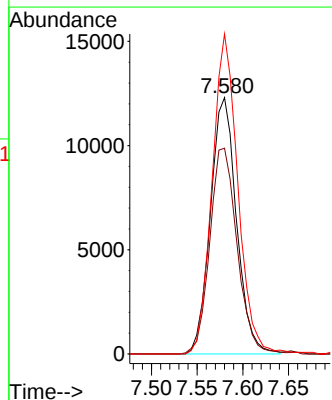
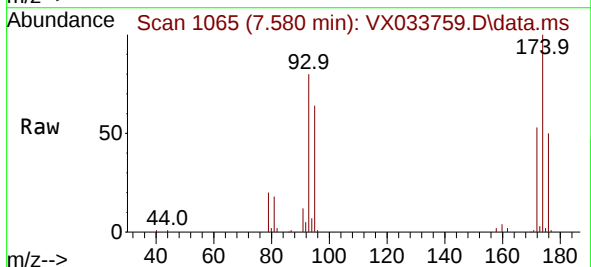
Manual Integrations
APPROVED

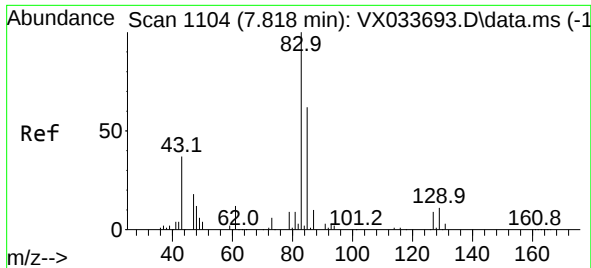
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#46
Dibromomethane
Concen: 19.200 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

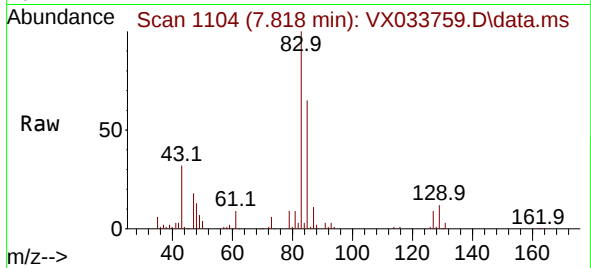
Tgt Ion: 93 Resp: 24439
Ion Ratio Lower Upper
93 100
95 84.1 67.6 101.4
174 123.0 97.4 146.0





#47
Bromodichloromethane
Concen: 18.854 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

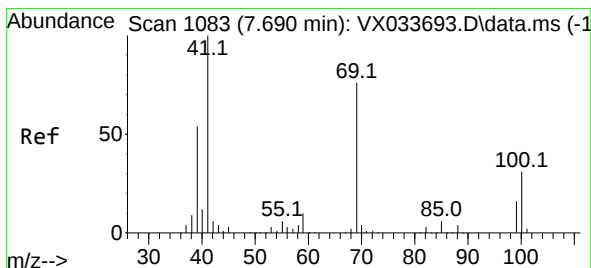
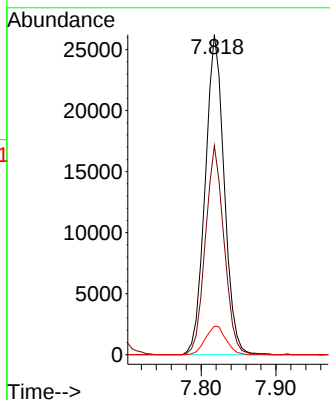
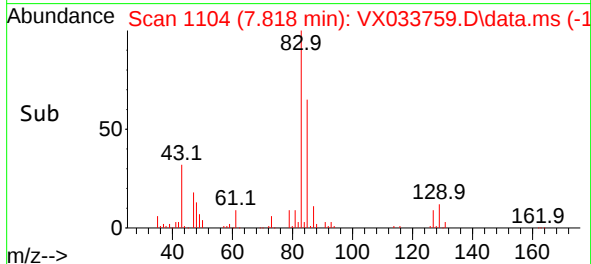
Instrument :
MSVOA_X
ClientSampleId :
VX0117MBSD01



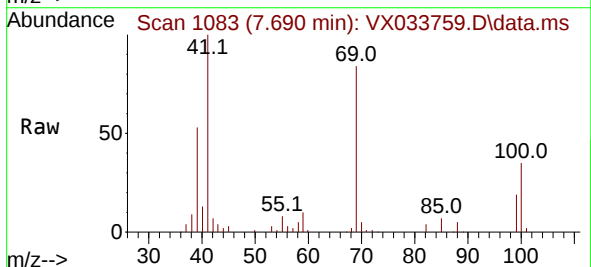
Tgt Ion: 83 Resp: 46250
Ion Ratio Lower Upper
83 100
85 65.4 49.8 74.6
127 8.9 7.0 10.4

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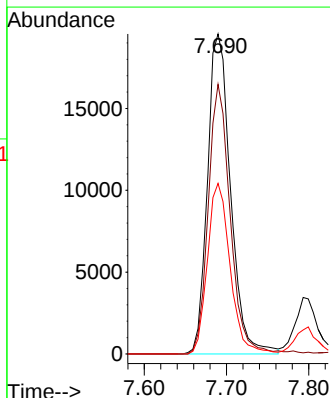
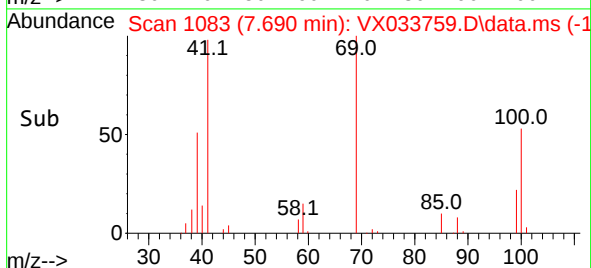
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023

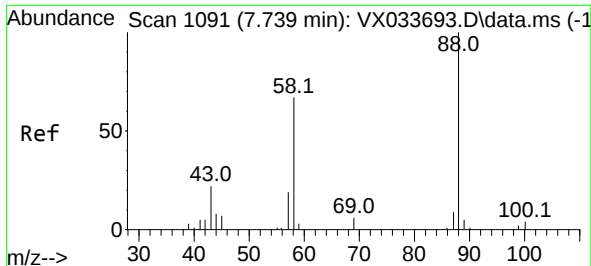


#48
Methyl methacrylate
Concen: 19.193 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43



Tgt Ion: 41 Resp: 38093
Ion Ratio Lower Upper
41 100
69 80.6 63.1 94.7
39 52.5 43.2 64.8





#49

1,4-Dioxane

Concen: 371.259 ug/l

RT: 7.732 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VX033759.D

Acq: 17 Jan 2023 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBS01

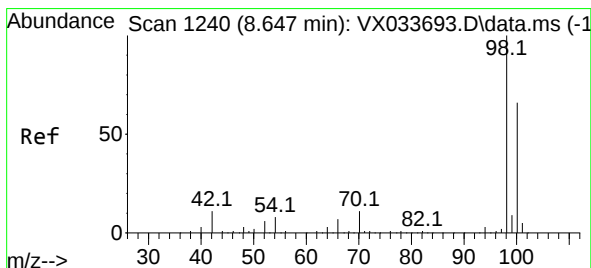
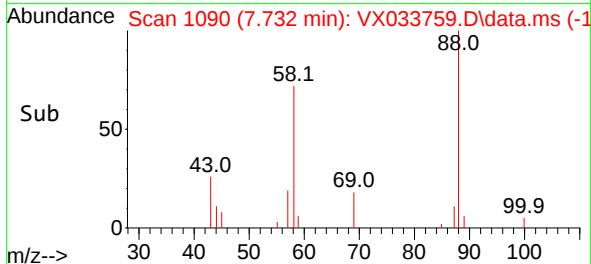
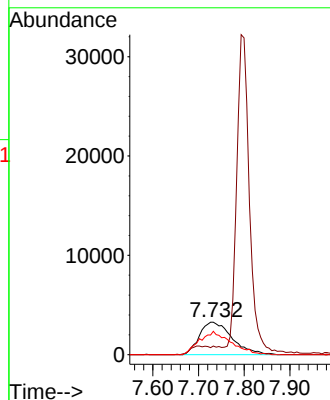
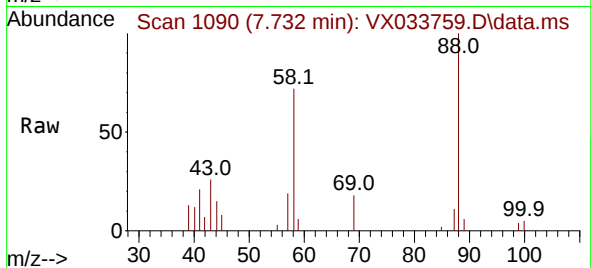
Tgt Ion: 88 Resp: 16295
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 69.3 56.5 84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#50

Toluene-d8

Concen: 51.057 ug/l

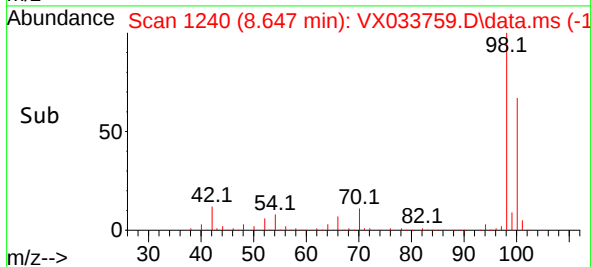
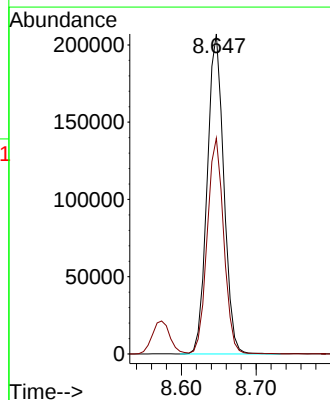
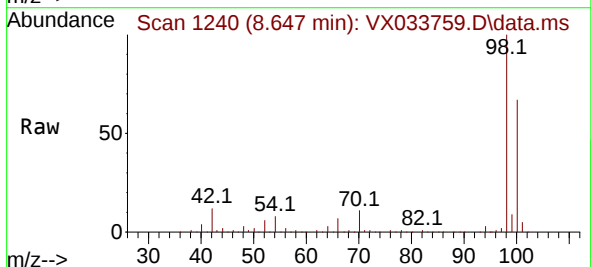
RT: 8.647 min Scan# 1240

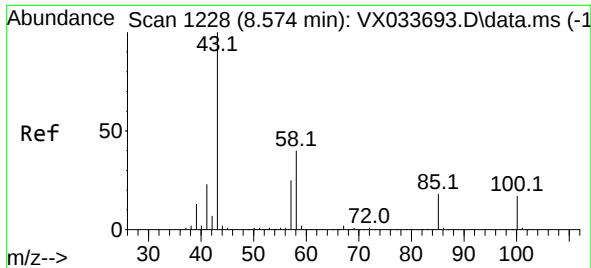
Delta R.T. -0.000 min

Lab File: VX033759.D

Acq: 17 Jan 2023 14:43

Tgt Ion: 98 Resp: 318122
 Ion Ratio Lower Upper
 98 100
 100 66.9 53.6 80.4





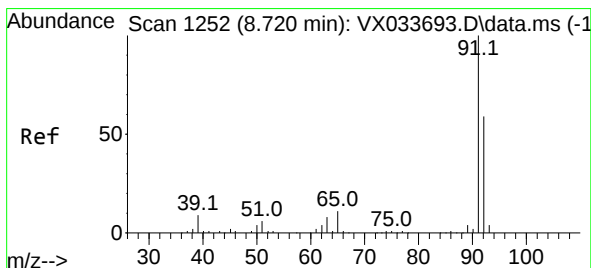
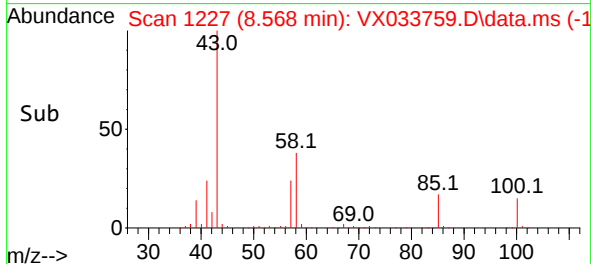
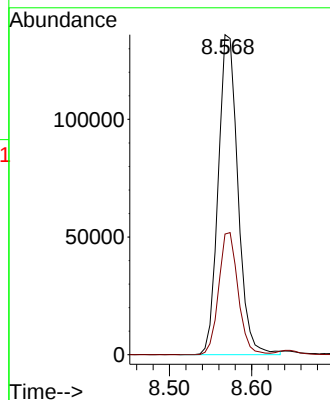
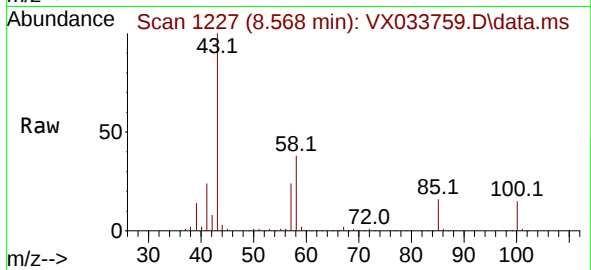
#51
4-Methyl-2-Pentanone
Concen: 93.429 ug/l
RT: 8.568 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0117MBSD01

Tgt Ion: 43 Resp: 226079
Ion Ratio Lower Upper
43 100
58 37.6 31.2 46.8

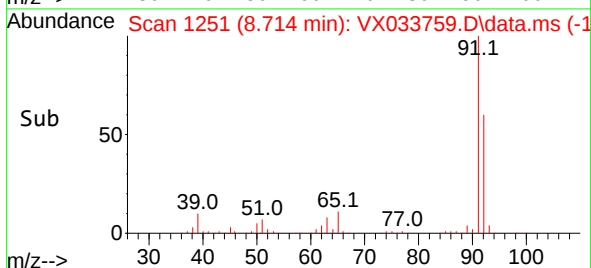
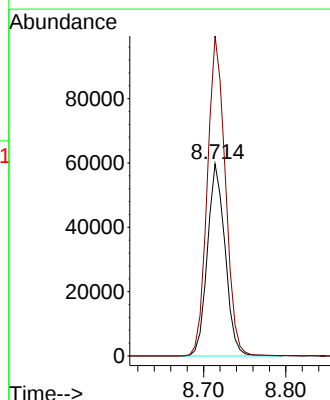
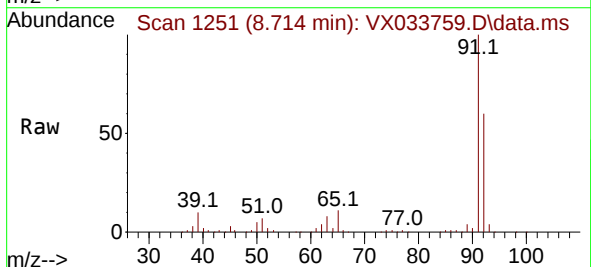
Manual Integrations
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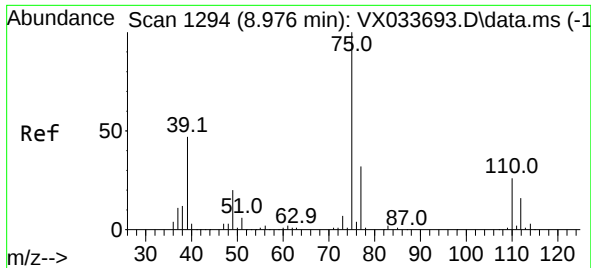
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#52
Toluene
Concen: 18.919 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

Tgt Ion: 92 Resp: 88879
Ion Ratio Lower Upper
92 100
91 170.3 135.5 203.3





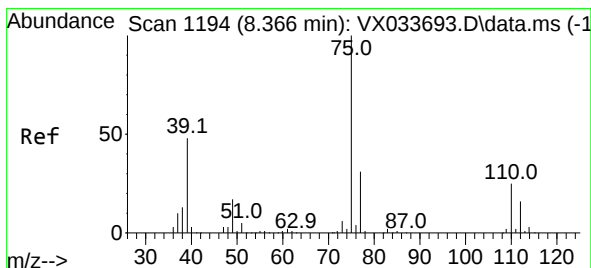
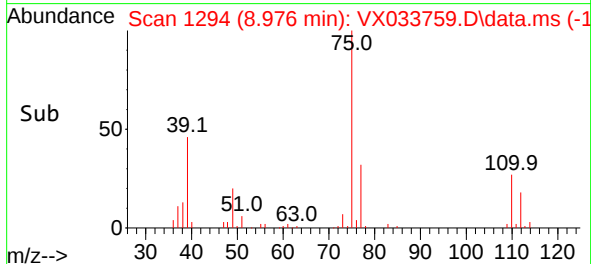
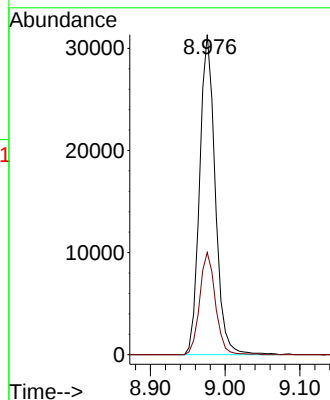
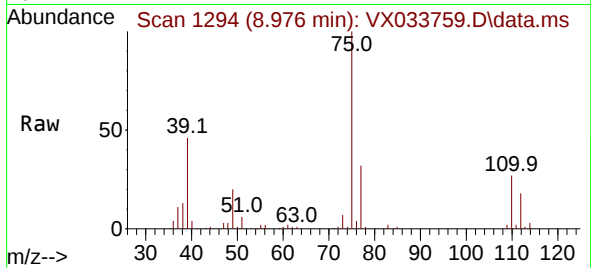
#53
t-1,3-Dichloropropene
Concen: 18.485 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0117MBS01

Tgt Ion: 75 Resp: 45340
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3

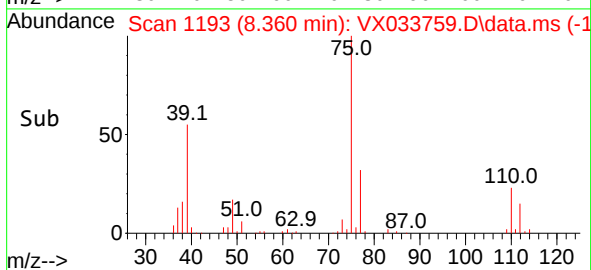
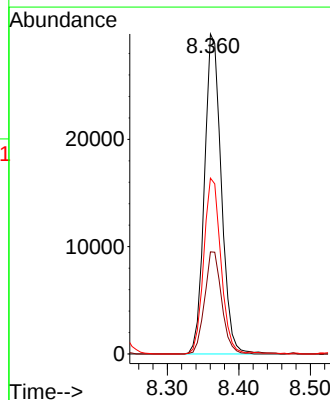
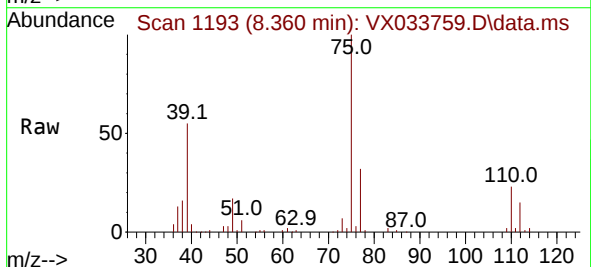
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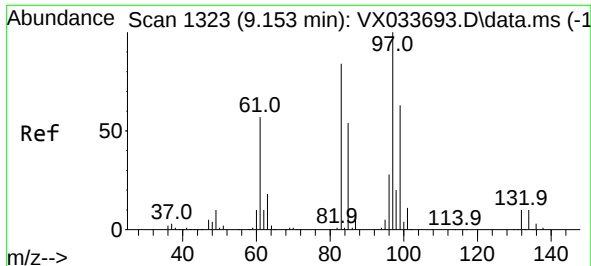
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#54
cis-1,3-Dichloropropene
Concen: 17.792 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

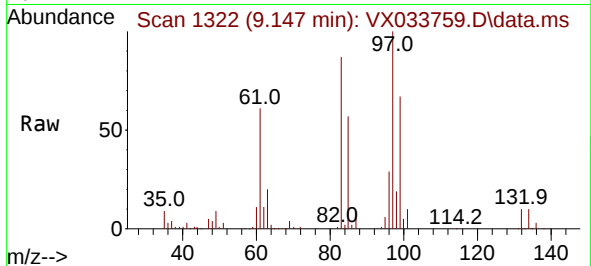
Tgt Ion: 75 Resp: 48906
Ion Ratio Lower Upper
75 100
77 31.9 25.0 37.6
39 55.0 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 19.154 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0117MBSD01

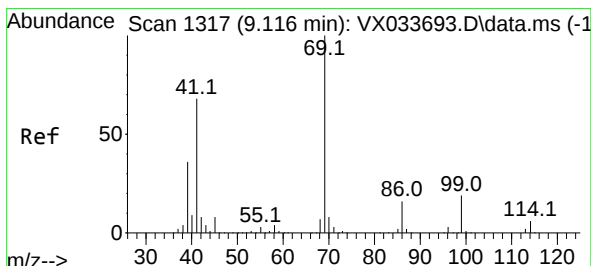
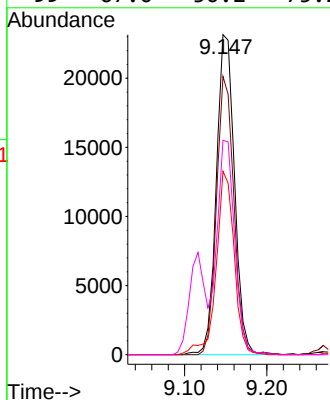
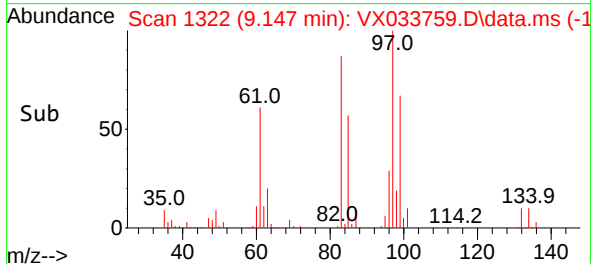


Tgt Ion: 97 Resp: 35618

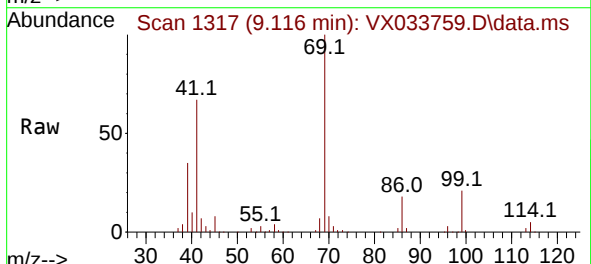
Ion	Ratio	Lower	Upper
97	100		
83	87.0	67.4	101.0
85	57.3	43.2	64.8
99	67.0	50.2	75.2

Manual Integrations
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Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023

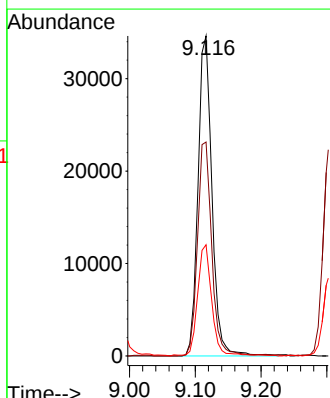
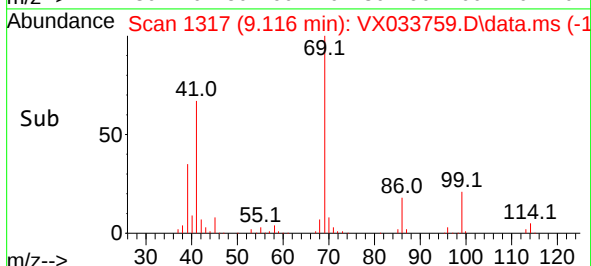


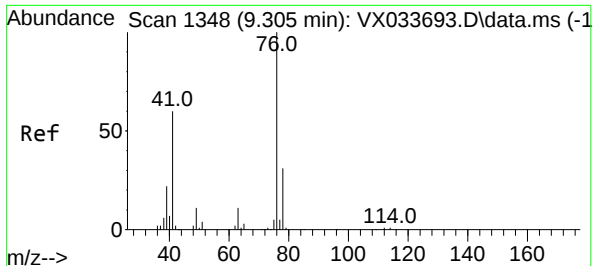
#56
Ethyl methacrylate
Concen: 19.488 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43



Tgt Ion: 69 Resp: 50999

Ion	Ratio	Lower	Upper
69	100		
41	68.1	55.1	82.7
39	35.4	28.5	42.7





#57

1,3-Dichloropropane

Concen: 19.691 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. -0.000 min

Lab File: VX033759.D

Acq: 17 Jan 2023 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBSD01

Tgt Ion: 76 Resp: 59374

Ion Ratio Lower Upper

76 100

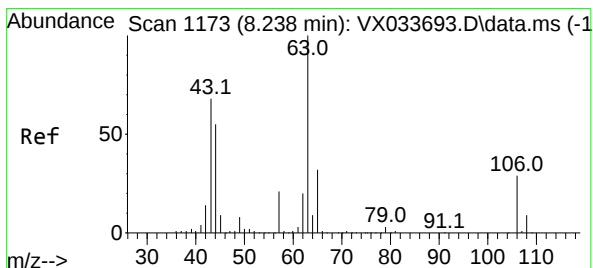
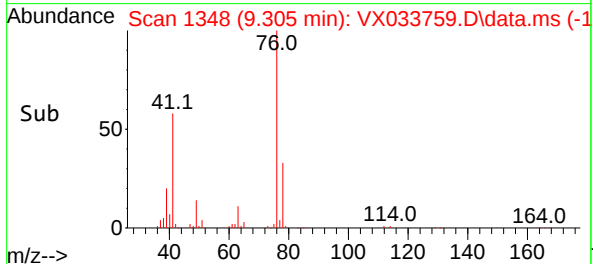
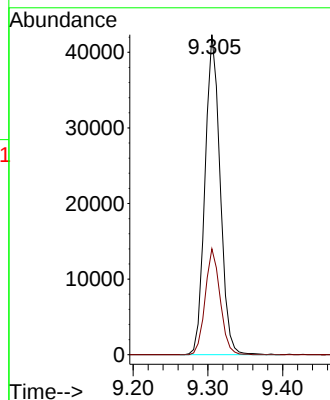
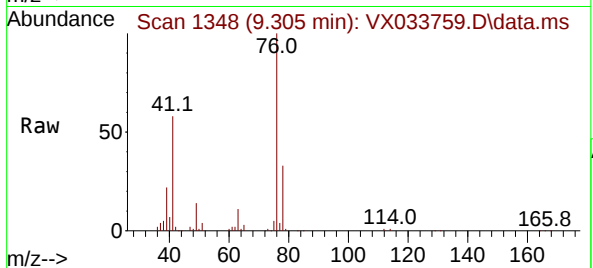
78 32.6 25.6 38.4

Manual Integrations

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Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 81.855 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX033759.D

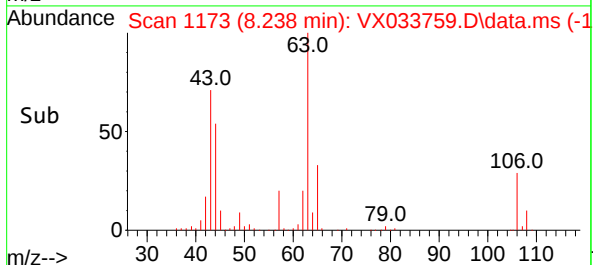
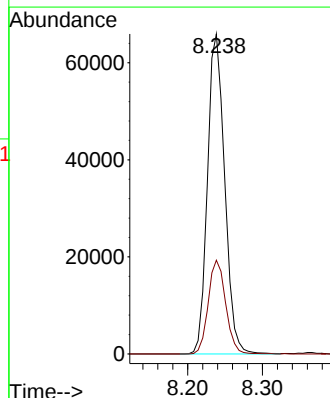
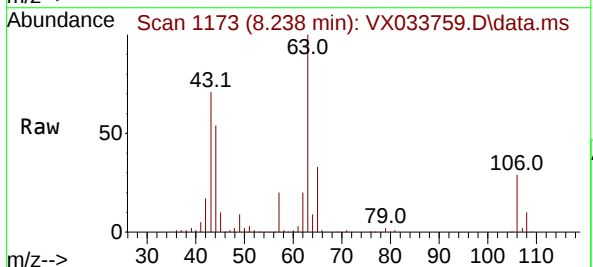
Acq: 17 Jan 2023 14:43

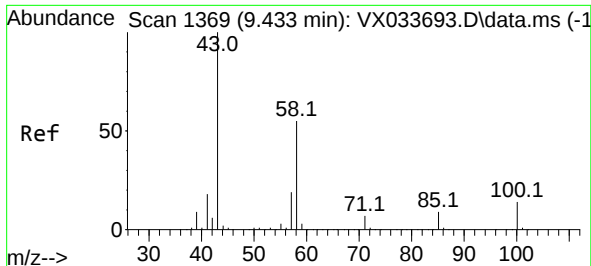
Tgt Ion: 63 Resp: 105498

Ion Ratio Lower Upper

63 100

106 29.7 24.5 36.7





#59

2-Hexanone

Concen: 101.594 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX033759.D

Acq: 17 Jan 2023 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBS01

Tgt Ion: 43 Resp: 171104

Ion Ratio Lower Upper

43 100

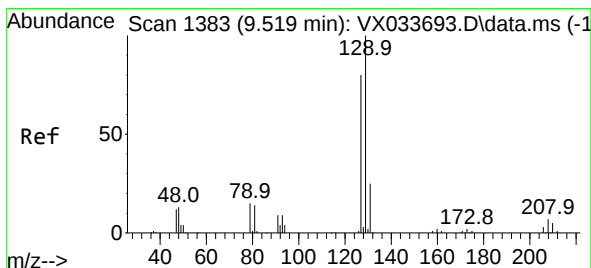
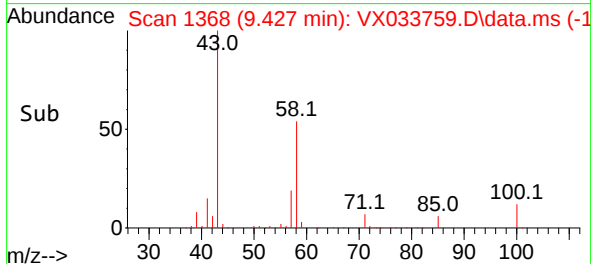
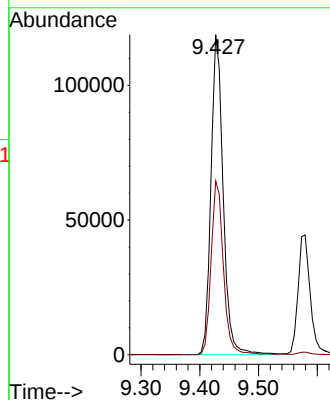
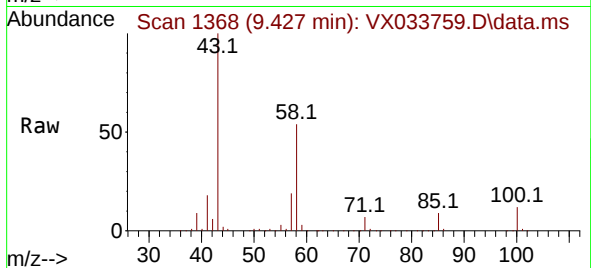
58 54.5 27.4 82.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#60

Dibromochloromethane

Concen: 19.814 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX033759.D

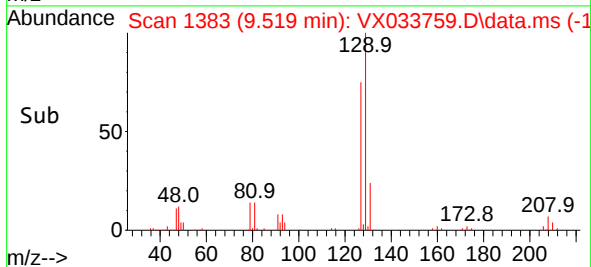
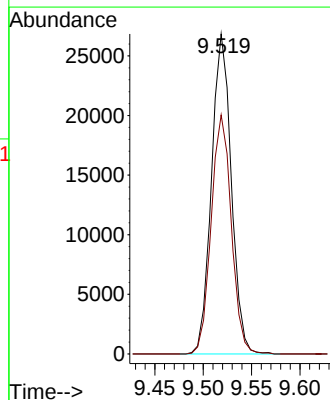
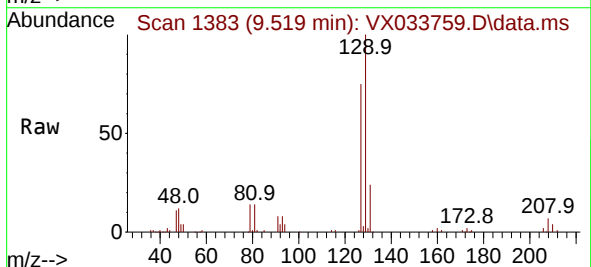
Acq: 17 Jan 2023 14:43

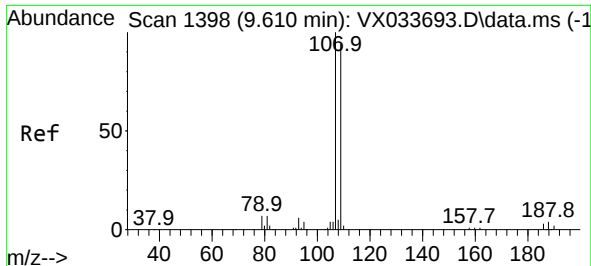
Tgt Ion:129 Resp: 38198

Ion Ratio Lower Upper

129 100

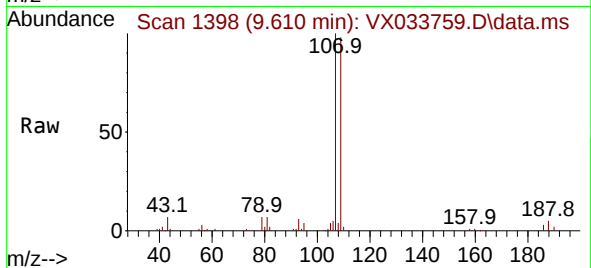
127 76.0 38.8 116.3





#61
1,2-Dibromoethane
Concen: 19.890 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

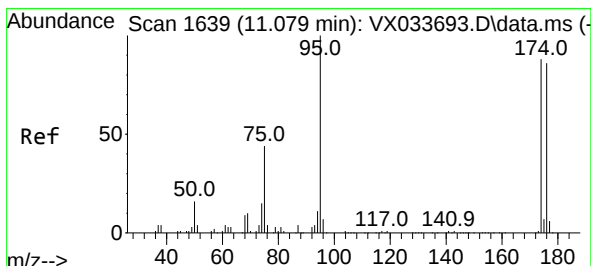
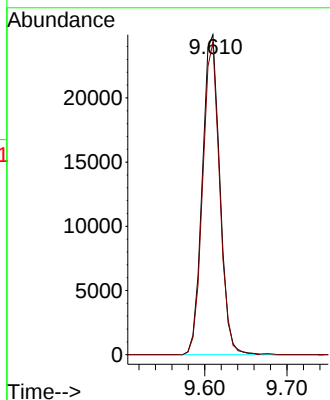
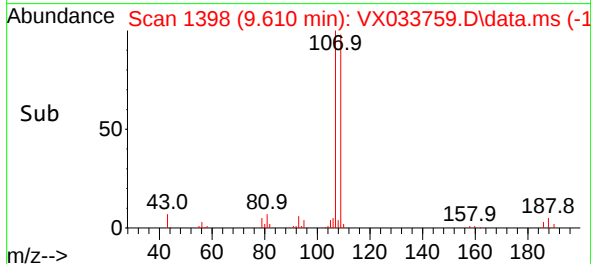
Instrument :
MSVOA_X
ClientSampleId :
VX0117MBSD01



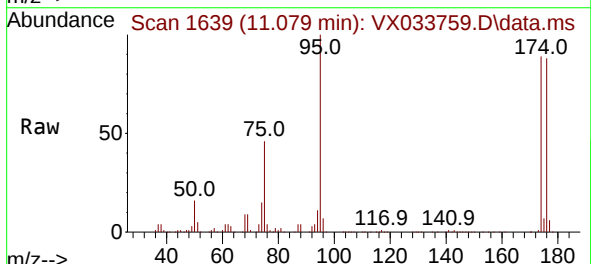
Tgt Ion:107 Resp: 3691
Ion Ratio Lower Upper
107 100
109 94.9 74.2 111.2

Manual Integrations
APPROVED

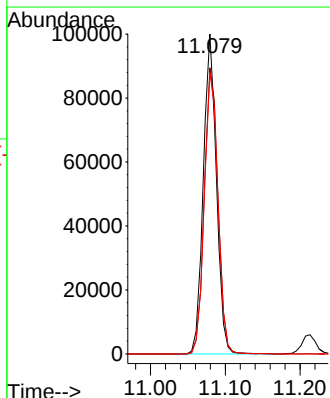
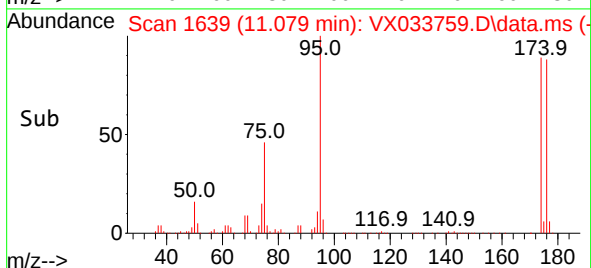
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023

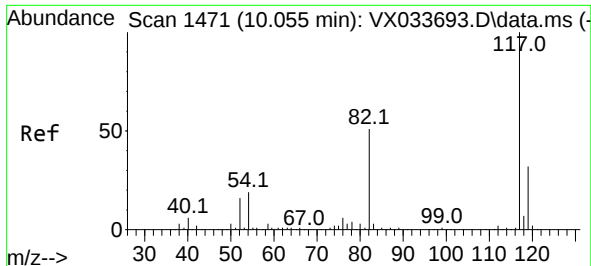


#62
4-Bromofluorobenzene
Concen: 52.564 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43



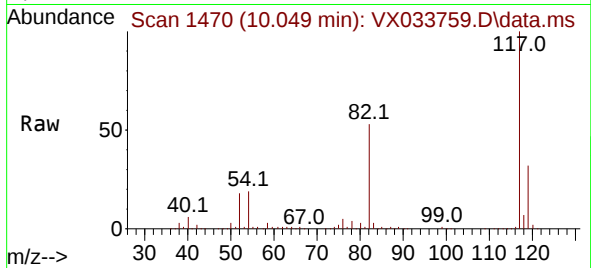
Tgt Ion: 95 Resp: 121598
Ion Ratio Lower Upper
95 100
174 93.4 0.0 184.4
176 91.8 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

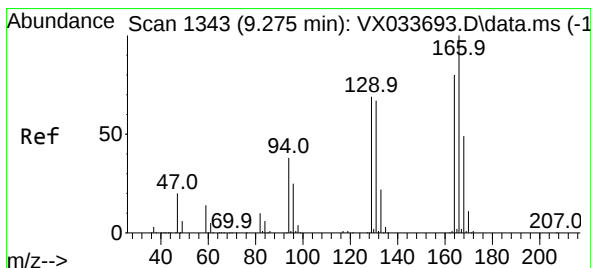
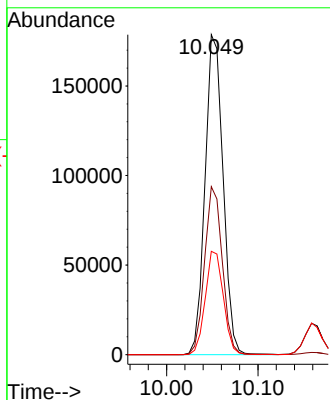
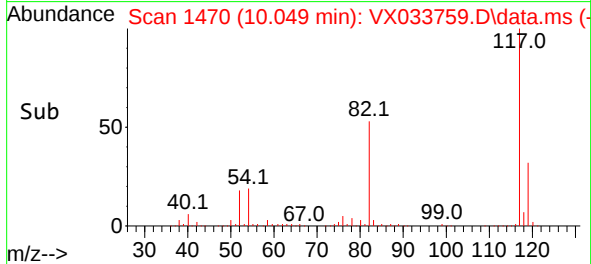
Instrument :
MSVOA_X
ClientSampleId :
VX0117MBSD01



Tgt Ion:117 Resp: 243940
Ion Ratio Lower Upper
117 100
82 52.5 40.6 60.8
119 32.3 25.6 38.4

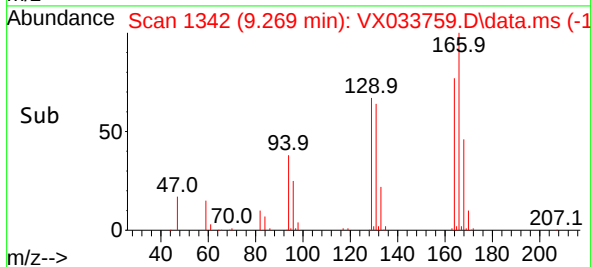
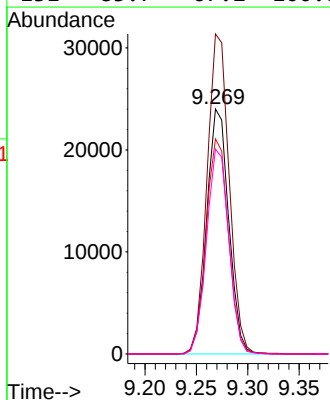
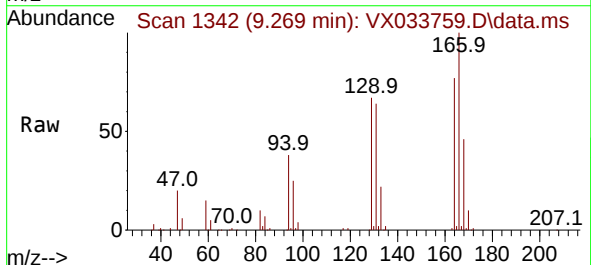
Manual Integrations
APPROVED

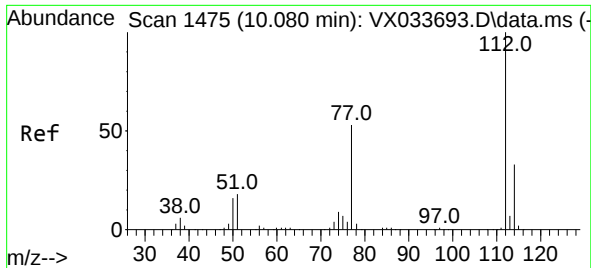
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#64
Tetrachloroethene
Concen: 19.884 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

Tgt Ion:164 Resp: 35725
Ion Ratio Lower Upper
164 100
166 130.6 100.2 150.2
129 87.7 69.2 103.8
131 83.7 67.2 100.8





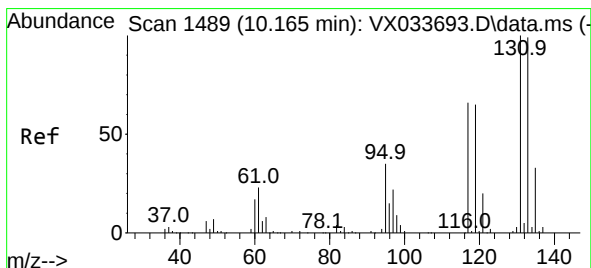
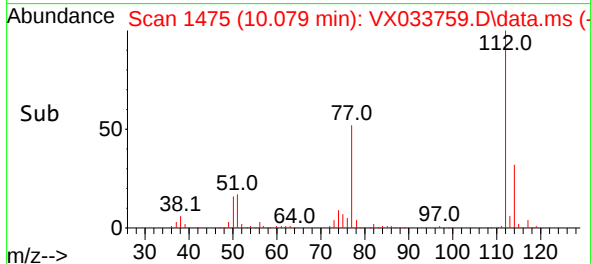
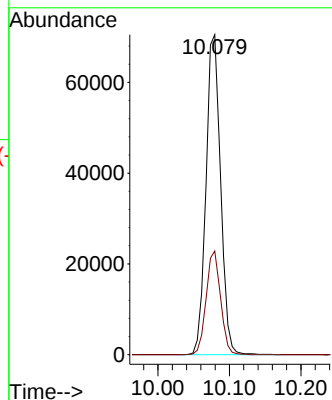
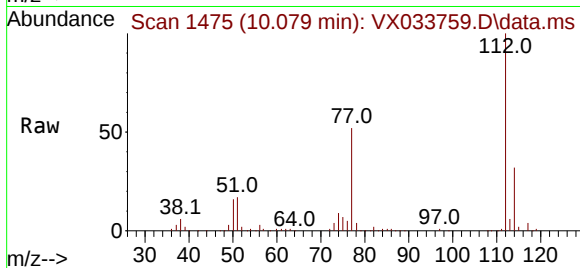
#65
Chlorobenzene
Concen: 19.799 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0117MBSD01

Tgt Ion:112 Resp: 9998
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.4

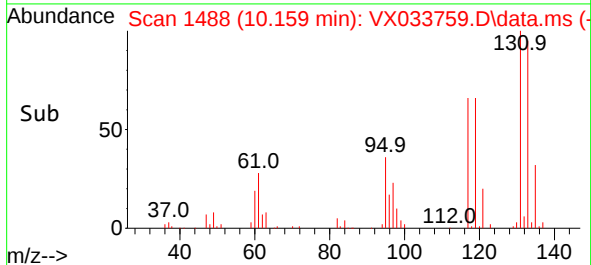
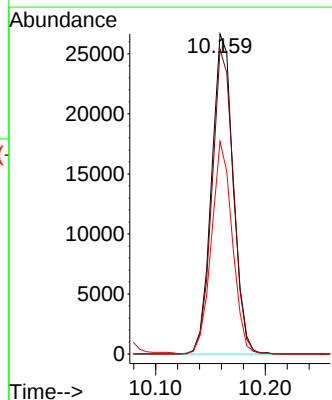
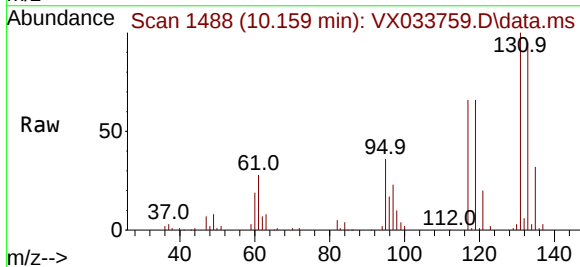
Manual Integrations
APPROVED

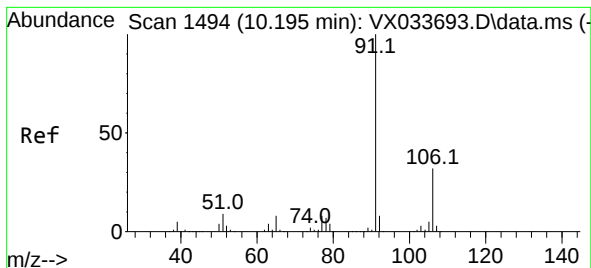
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.582 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

Tgt Ion:131 Resp: 36393
Ion Ratio Lower Upper
131 100
133 94.6 48.4 145.0
119 64.4 31.9 95.7





#67

Ethyl Benzene

Concen: 19.657 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX033759.D

Acq: 17 Jan 2023 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBSD01

Tgt Ion: 91 Resp: 17043

Ion Ratio Lower Upper

91 100

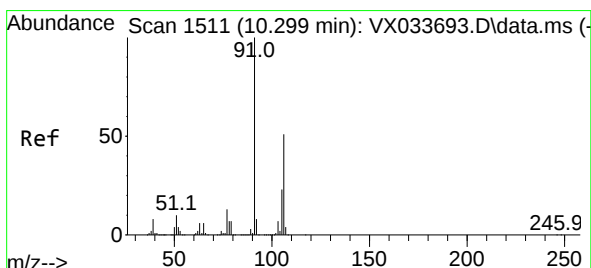
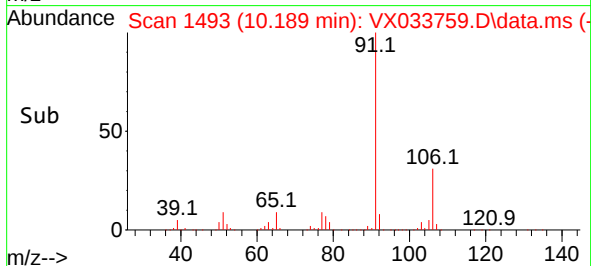
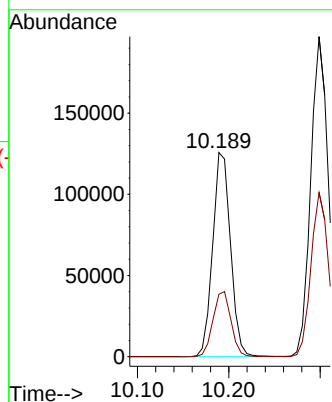
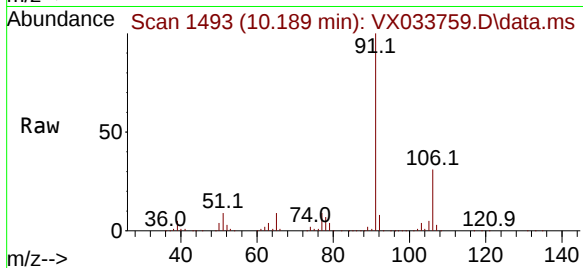
106 30.6 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#68

m/p-Xylenes

Concen: 40.036 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX033759.D

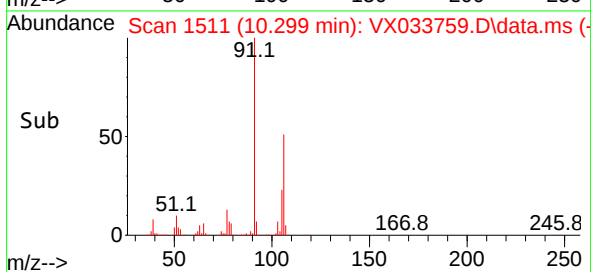
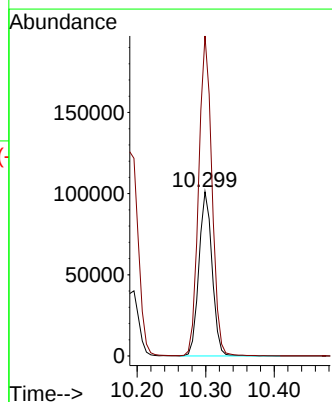
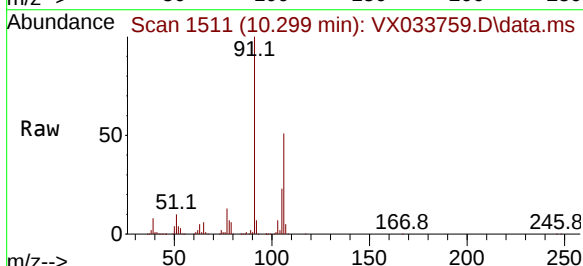
Acq: 17 Jan 2023 14:43

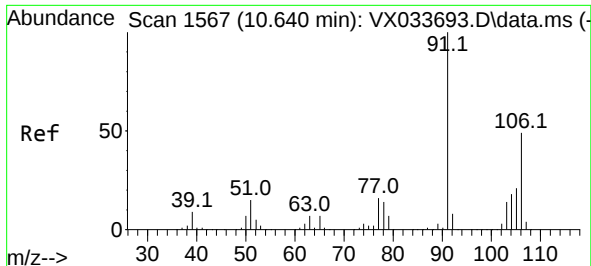
Tgt Ion:106 Resp: 135779

Ion Ratio Lower Upper

106 100

91 195.5 156.4 234.6





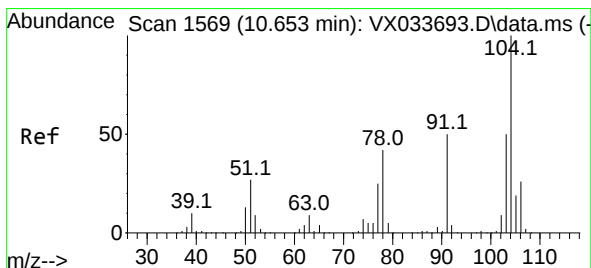
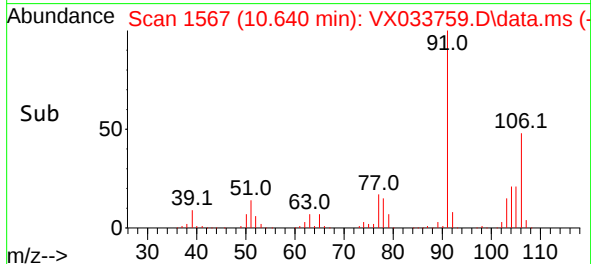
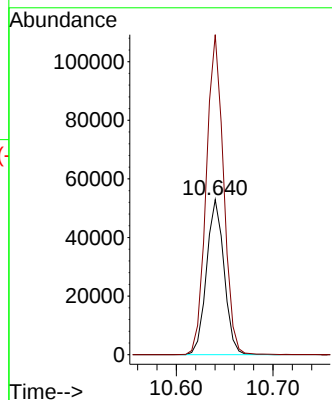
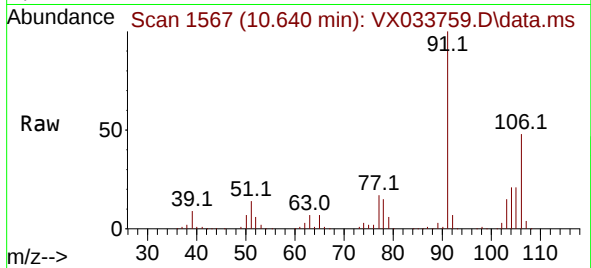
#69
o-Xylene
Concen: 19.890 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0117MBS01

Tgt Ion:106 Resp: 6689
Ion Ratio Lower Upper
106 100
91 203.8 103.1 309.3

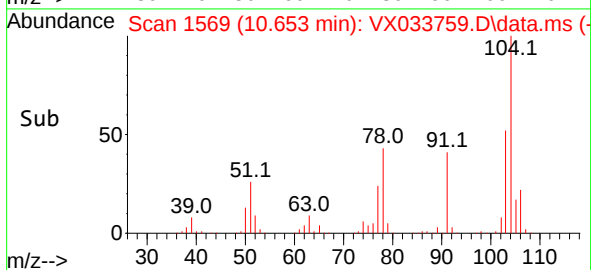
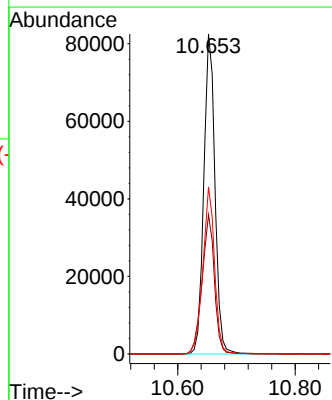
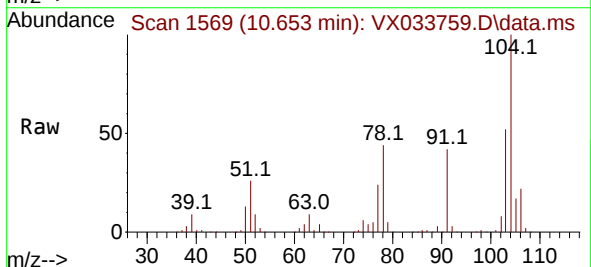
Manual Integrations
APPROVED

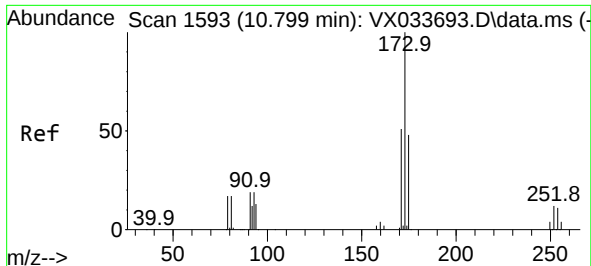
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#70
Styrene
Concen: 19.856 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

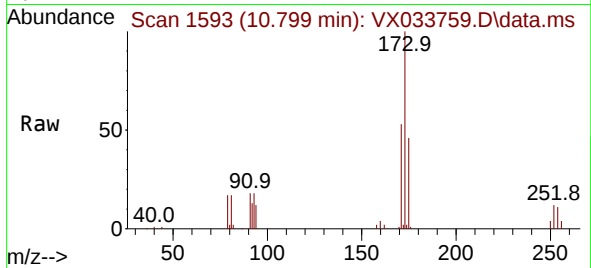
Tgt Ion:104 Resp: 108610
Ion Ratio Lower Upper
104 100
78 48.0 37.5 56.3
103 55.0 43.3 64.9





#71
Bromoform
Concen: 17.803 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

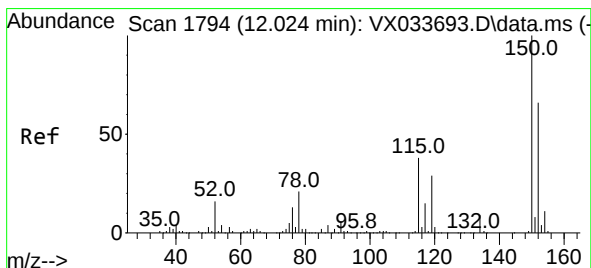
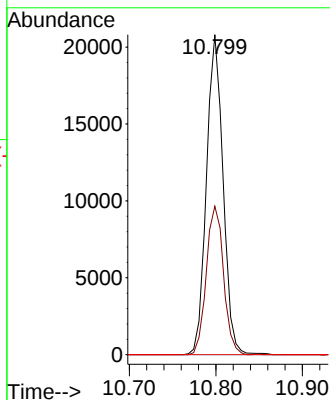
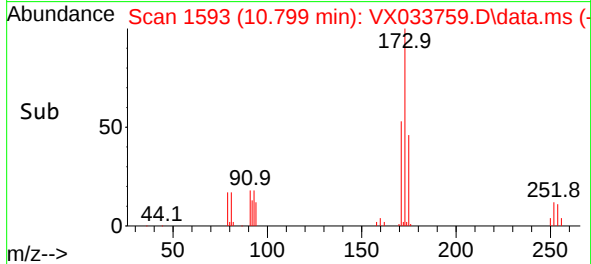
Instrument :
MSVOA_X
ClientSampleId :
VX0117MBSD01



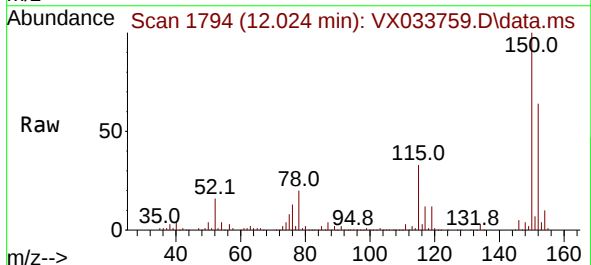
Tgt Ion:173 Resp: 27725
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.3
254 0.0 0.1 0.1

Manual Integrations
APPROVED

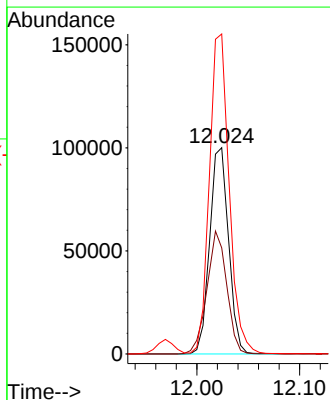
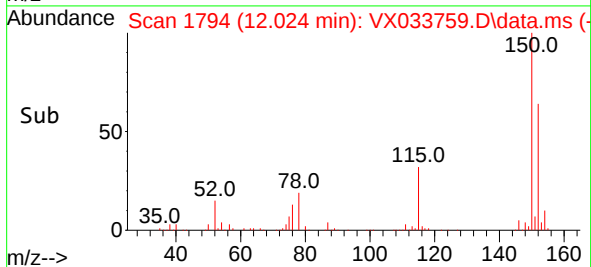
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023

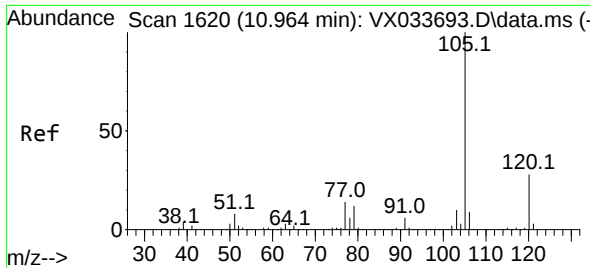


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43



Tgt Ion:152 Resp: 127645
Ion Ratio Lower Upper
152 100
115 62.3 38.7 116.1
150 162.9 0.0 348.2





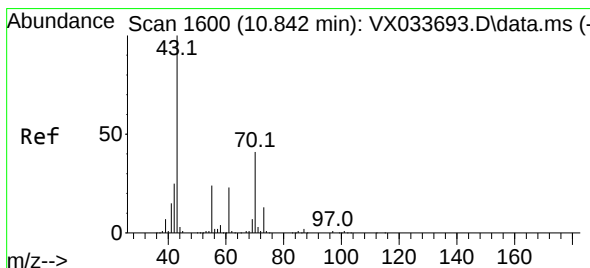
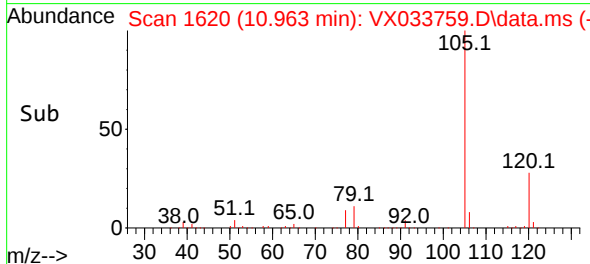
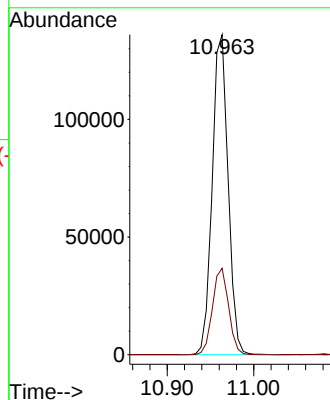
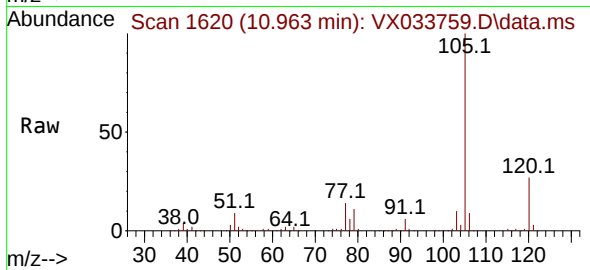
#73
Isopropylbenzene
Concen: 19.063 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0117MBSD01

Tgt Ion:105 Resp: 17318
Ion Ratio Lower Upper
105 100
120 27.4 13.6 40.8

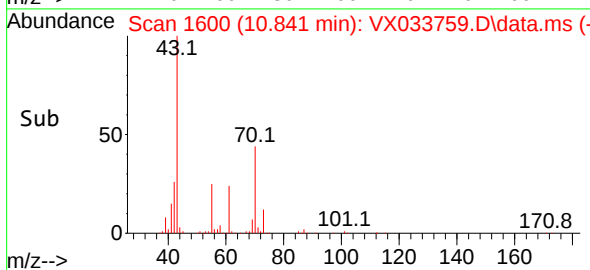
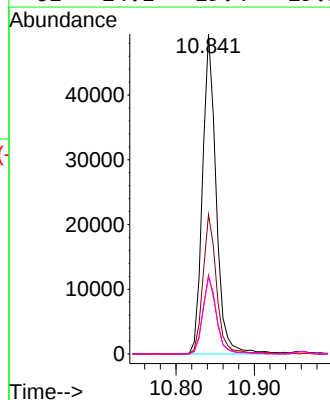
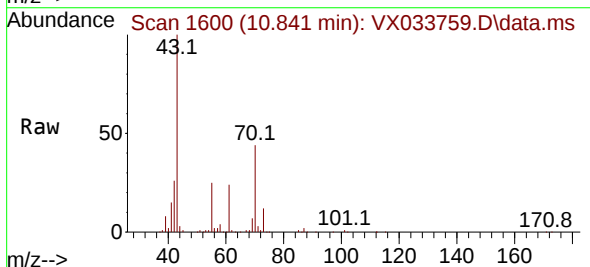
Manual Integrations
APPROVED

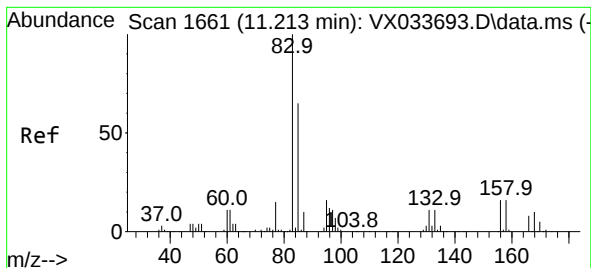
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#74
N-ethyl acetate
Concen: 17.846 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

Tgt Ion: 43 Resp: 59819
Ion Ratio Lower Upper
43 100
70 43.7 34.8 52.2
55 24.7 19.4 29.0
61 24.1 19.4 29.2





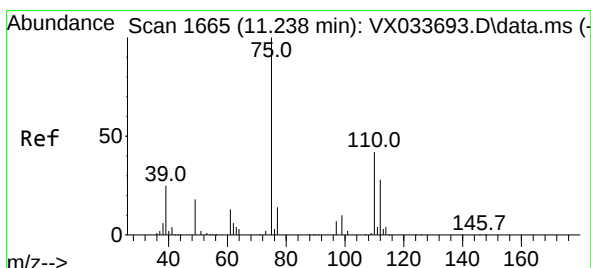
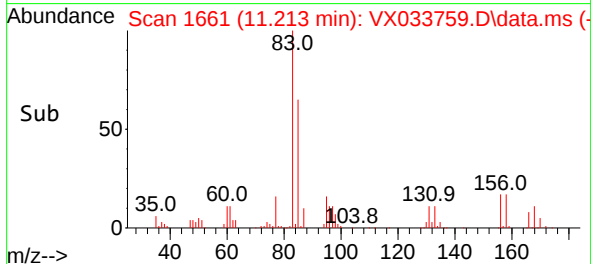
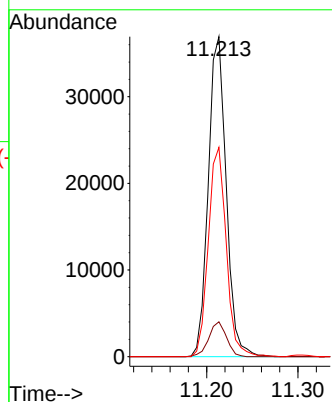
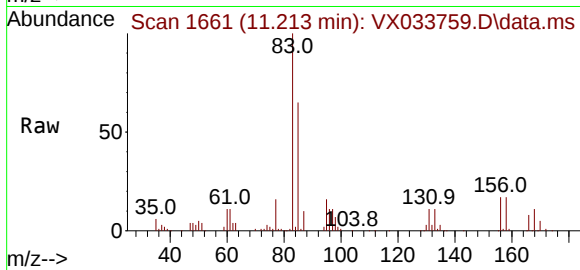
#75
1,1,2,2-Tetrachloroethane
Concen: 18.320 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0117MBSD01

Tgt Ion: 83 Resp: 5022
Ion Ratio Lower Upper
83 100
131 10.8 5.5 16.7
85 65.5 32.3 96.9

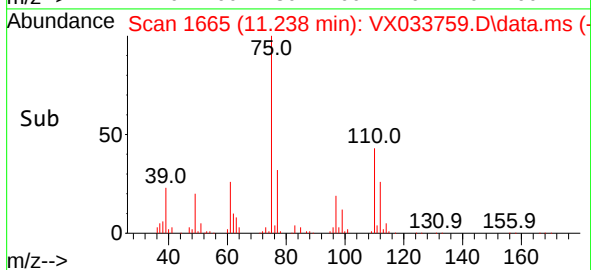
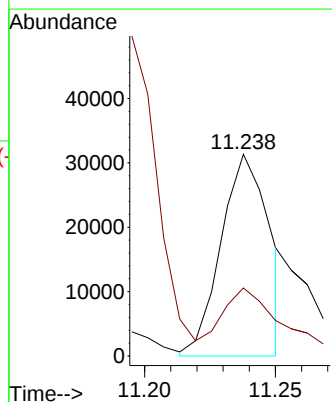
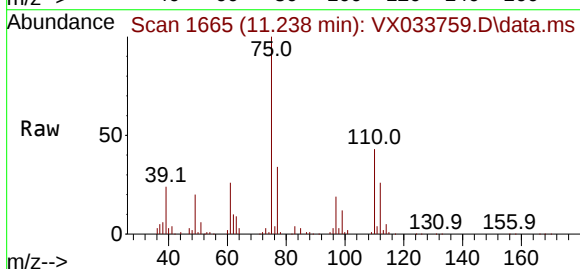
Manual Integrations
APPROVED

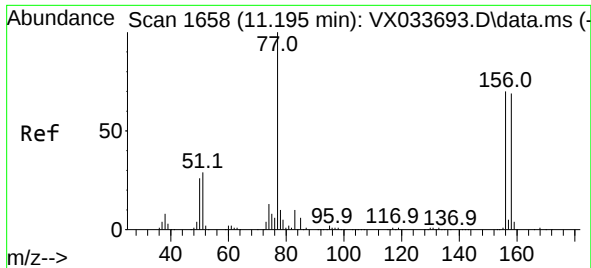
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#76
1,2,3-Trichloropropane
Concen: 17.115 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

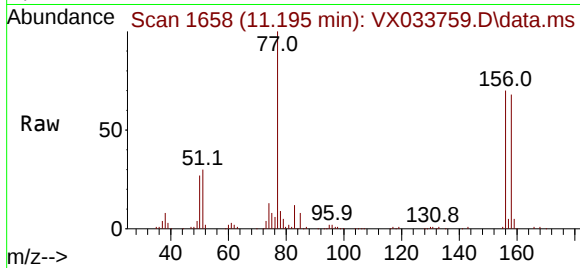
Tgt Ion: 75 Resp: 40140
Ion Ratio Lower Upper
75 100
77 42.9 21.8 65.4





#77
Bromobenzene
Concen: 18.613 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

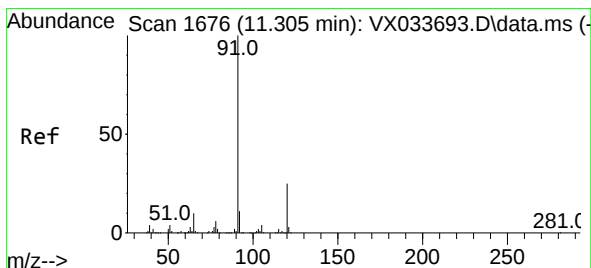
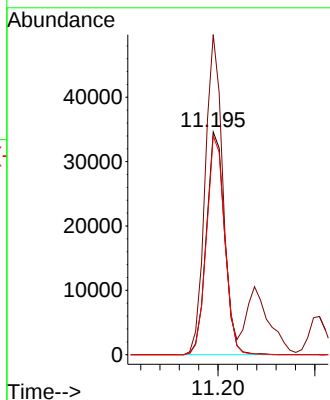
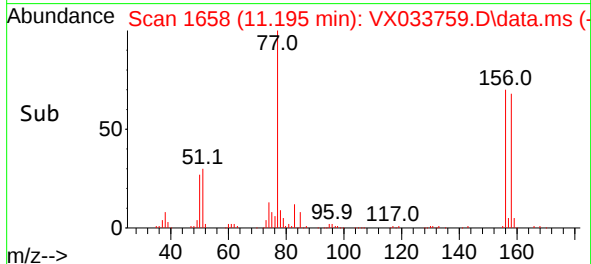
Instrument :
MSVOA_X
ClientSampleId :
VX0117MBSD01



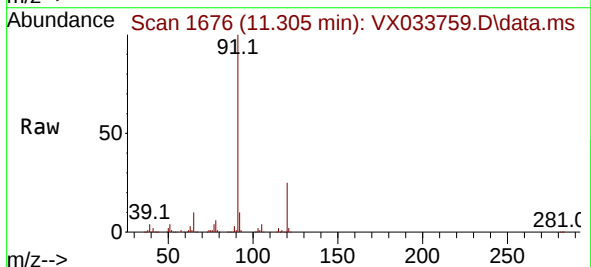
Tgt Ion:156 Resp: 45428
Ion Ratio Lower Upper
156 100
77 138.4 68.1 204.3
158 98.1 48.0 144.2

Manual Integrations
APPROVED

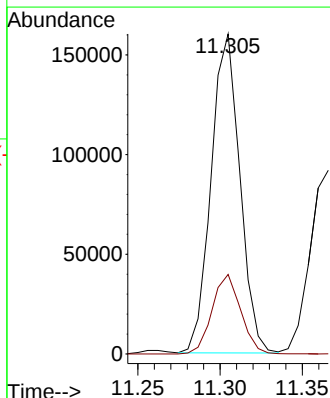
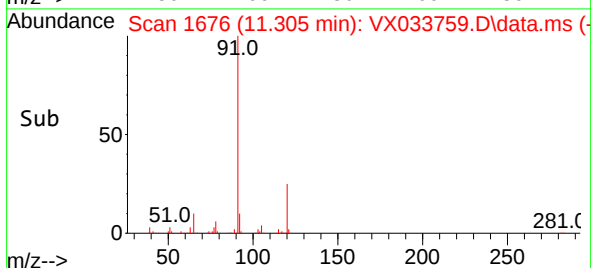
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023

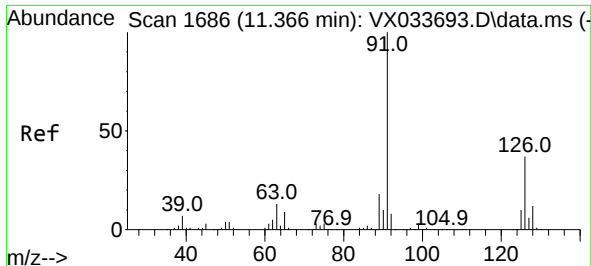


#78
n-propylbenzene
Concen: 18.711 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43



Tgt Ion: 91 Resp: 194887
Ion Ratio Lower Upper
91 100
120 24.8 12.3 36.8





#79

2-Chlorotoluene

Concen: 18.561 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX033759.D

Acq: 17 Jan 2023 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBS01

Tgt Ion: 91 Resp: 114984

Ion Ratio Lower Upper

91 100

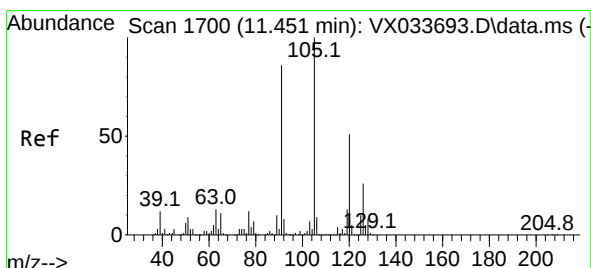
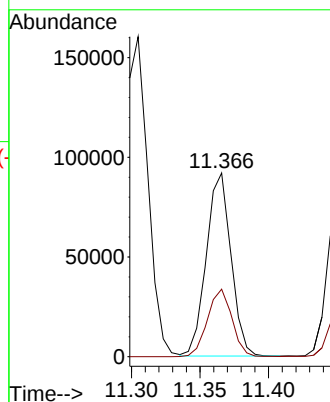
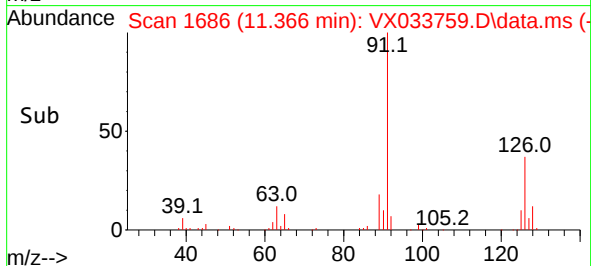
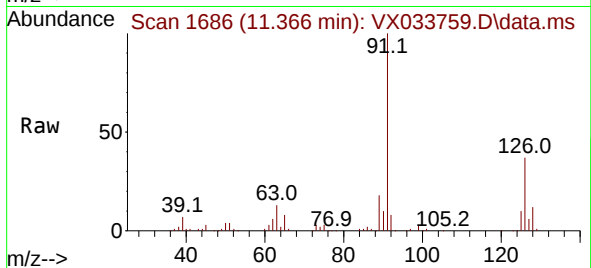
126 36.7 18.1 54.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#80

1,3,5-Trimethylbenzene

Concen: 18.843 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX033759.D

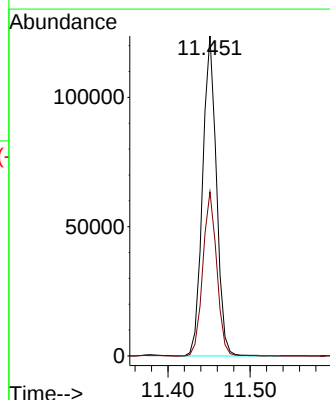
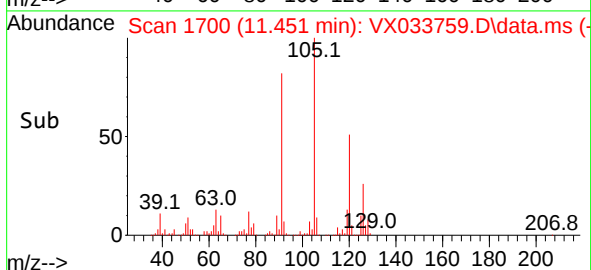
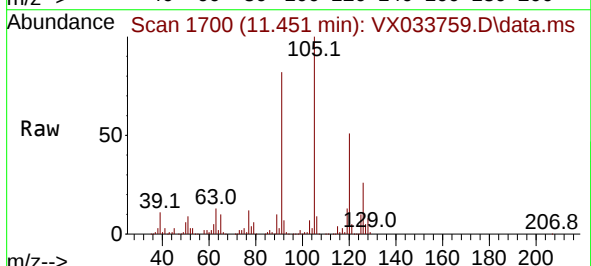
Acq: 17 Jan 2023 14:43

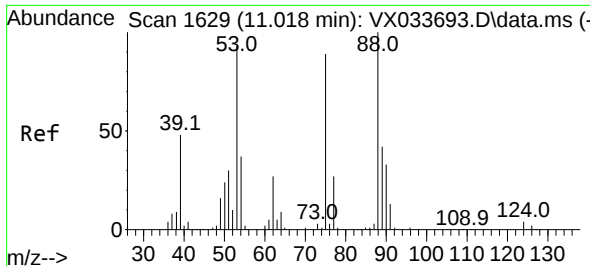
Tgt Ion:105 Resp: 144727

Ion Ratio Lower Upper

105 100

120 51.5 25.6 76.8





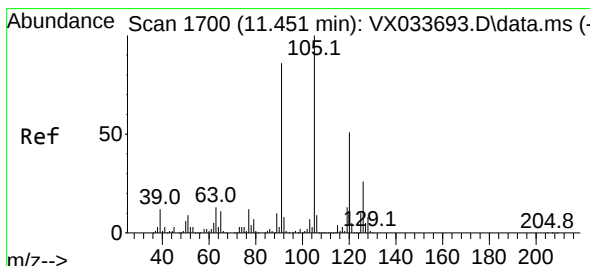
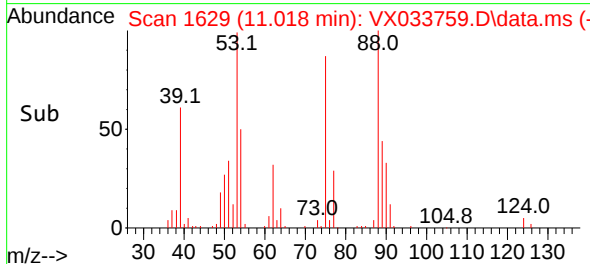
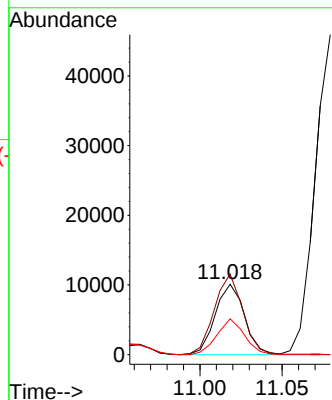
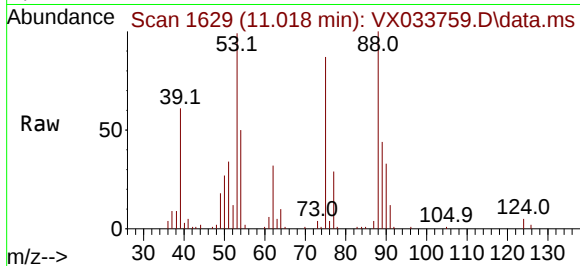
#81
trans-1,4-Dichloro-2-butene
Concen: 16.571 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0117MBSD01

Tgt Ion: 75 Resp: 1250
Ion Ratio Lower Upper
75 100
53 112.4 83.0 124.6
89 47.9 37.7 56.5

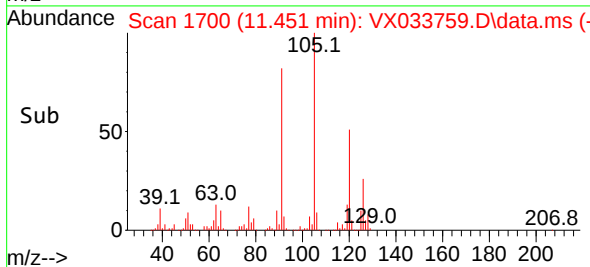
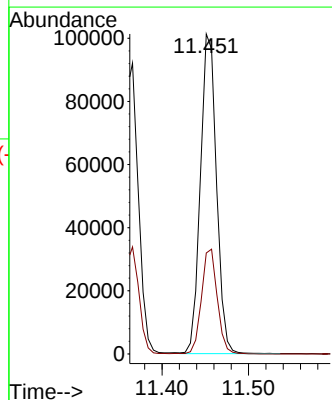
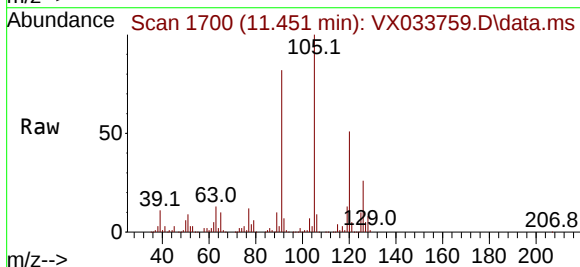
Manual Integrations
APPROVED

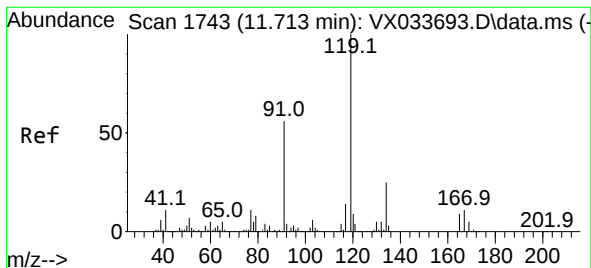
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#82
4-Chlorotoluene
Concen: 18.409 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

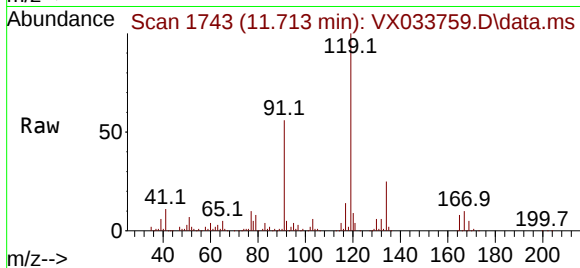
Tgt Ion: 91 Resp: 130667
Ion Ratio Lower Upper
91 100
126 32.2 15.8 47.4





#83
tert-Butylbenzene
Concen: 19.410 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

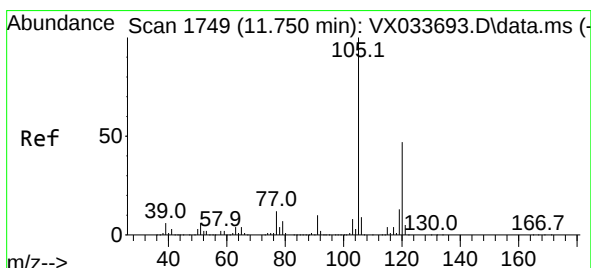
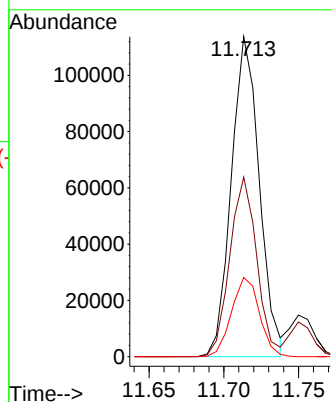
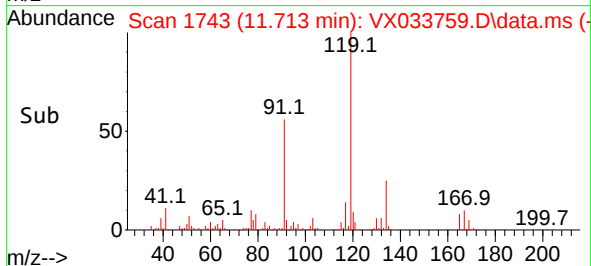
Instrument :
MSVOA_X
ClientSampleId :
VX0117MBSD01



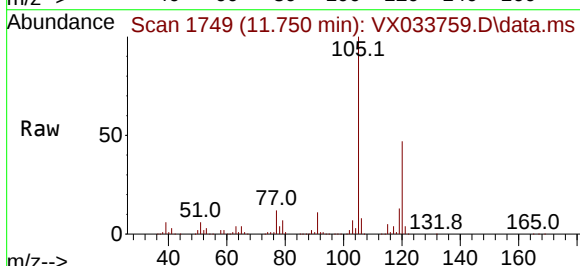
Tgt Ion:119 Resp: 148024
Ion Ratio Lower Upper
119 100
91 54.3 26.9 80.7
134 24.7 12.3 36.8

Manual Integrations
APPROVED

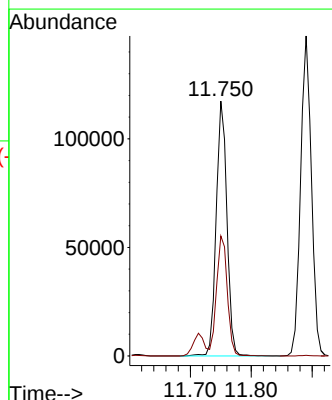
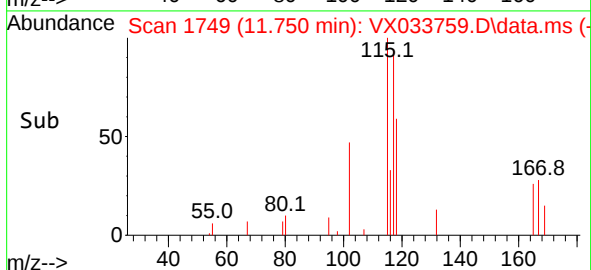
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023

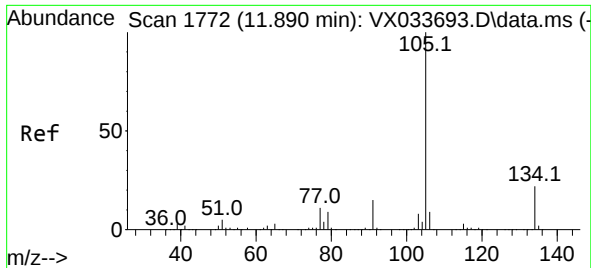


#84
1,2,4-Trimethylbenzene
Concen: 19.750 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43



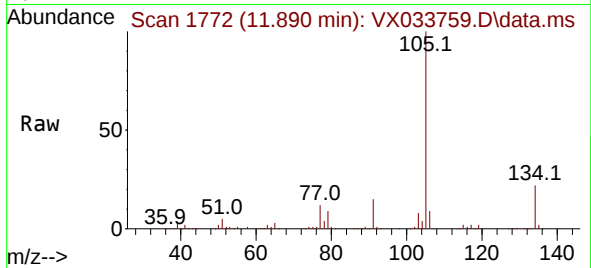
Tgt Ion:105 Resp: 143498
Ion Ratio Lower Upper
105 100
120 47.0 23.4 70.2





#85
 sec-Butylbenzene
 Concen: 19.948 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX033759.D
 Acq: 17 Jan 2023 14:43

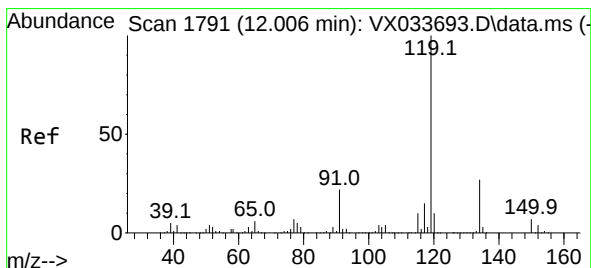
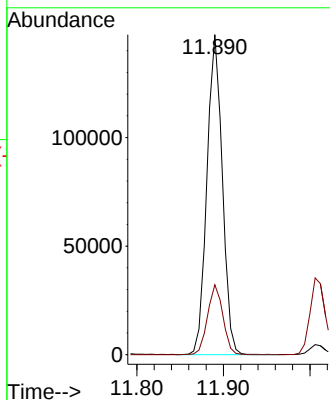
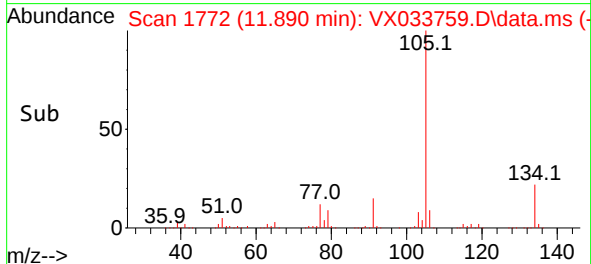
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117MBSD01



Tgt Ion:105 Resp: 181960
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.8 32.3

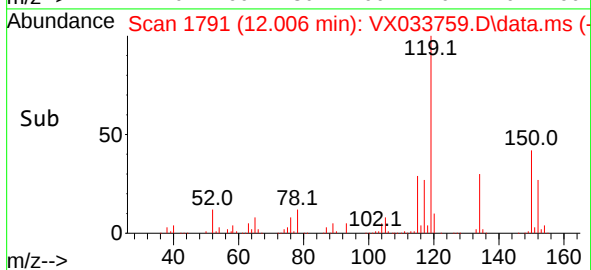
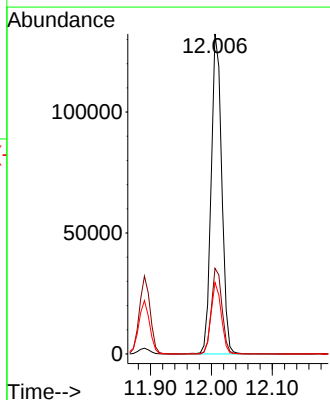
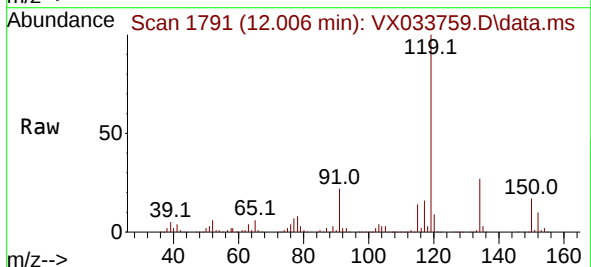
Manual Integrations
 APPROVED

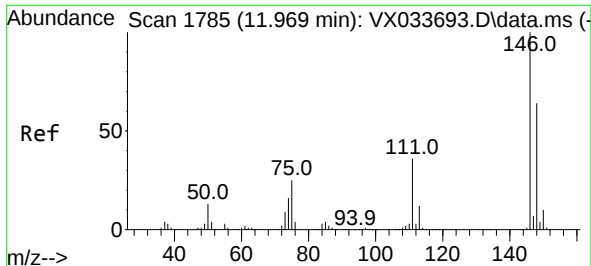
Reviewed By :John Carlone 01/18/2023
 Supervised By :Mahesh Dadoda 01/18/2023



#86
 p-Isopropyltoluene
 Concen: 20.362 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX033759.D
 Acq: 17 Jan 2023 14:43

Tgt Ion:119 Resp: 159022
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.6 40.8
 91 21.7 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 19.428 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX033759.D

Acq: 17 Jan 2023 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBSD01

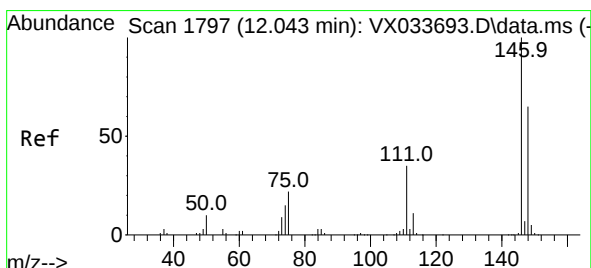
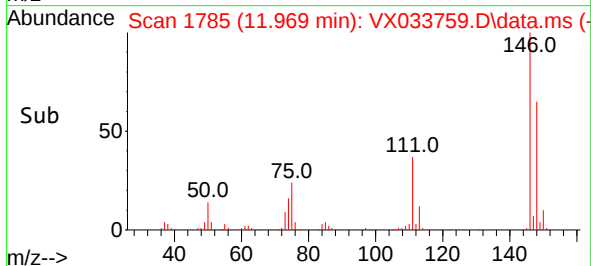
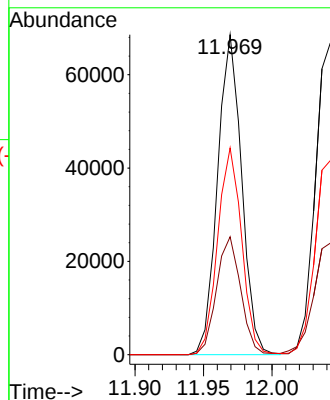
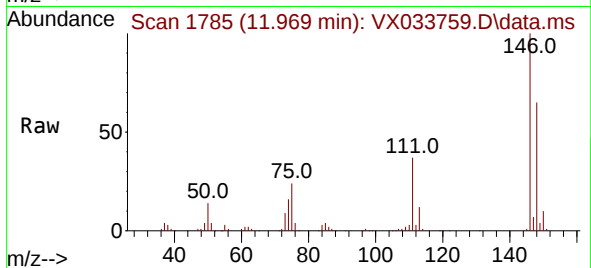
Tgt Ion:146 Resp: 83794
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.6 55.6
 148 64.5 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#88

1,4-Dichlorobenzene

Concen: 19.239 ug/l

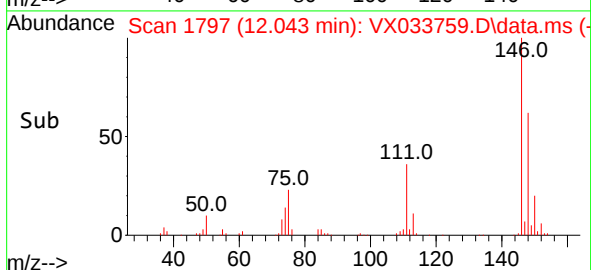
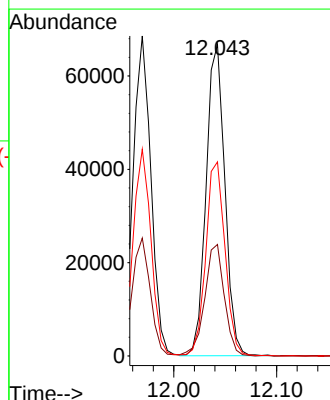
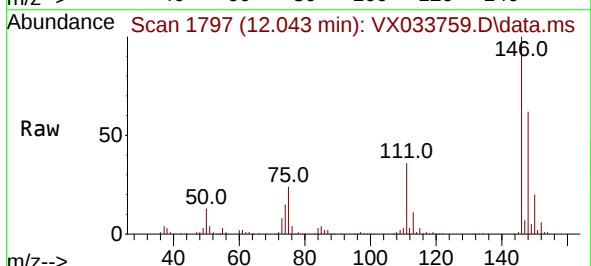
RT: 12.043 min Scan# 1797

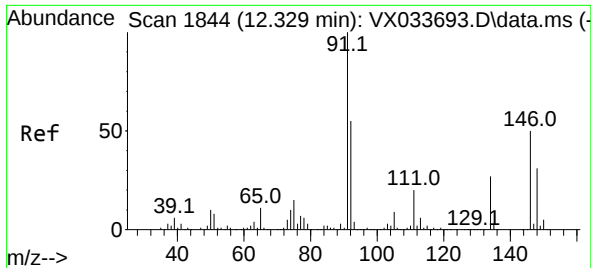
Delta R.T. -0.000 min

Lab File: VX033759.D

Acq: 17 Jan 2023 14:43

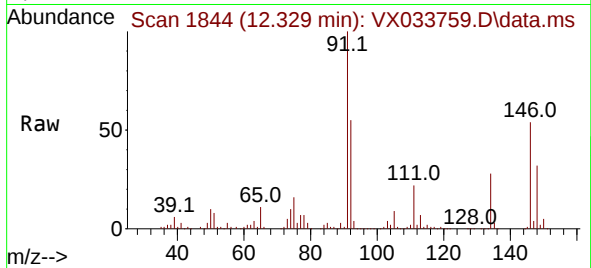
Tgt Ion:146 Resp: 84530
 Ion Ratio Lower Upper
 146 100
 111 37.5 17.8 53.4
 148 64.3 32.1 96.3





#89
n-Butylbenzene
Concen: 20.095 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

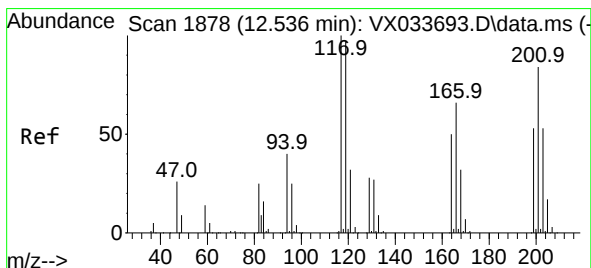
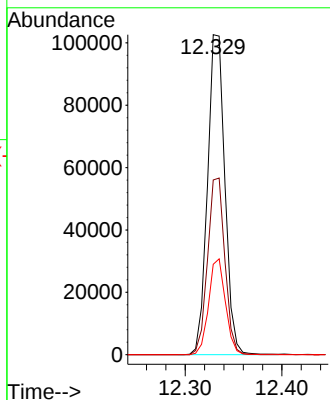
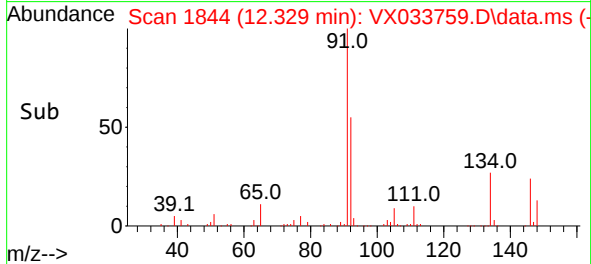
Instrument :
MSVOA_X
ClientSampleId :
VX0117MBSD01



Tgt Ion: 91 Resp: 12838
Ion Ratio Lower Upper
91 100
92 54.9 27.5 82.5
134 29.0 14.3 42.9

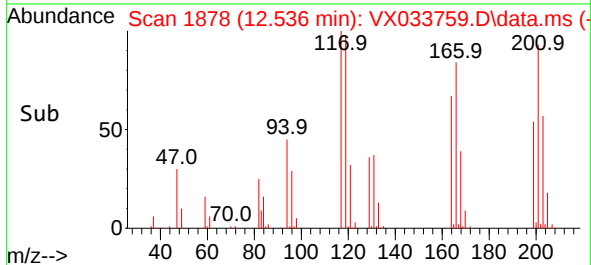
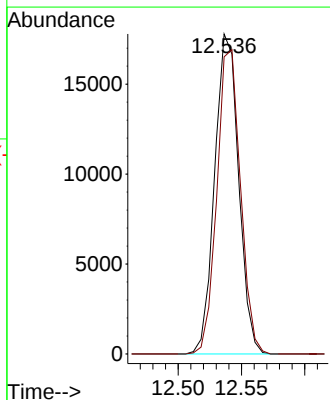
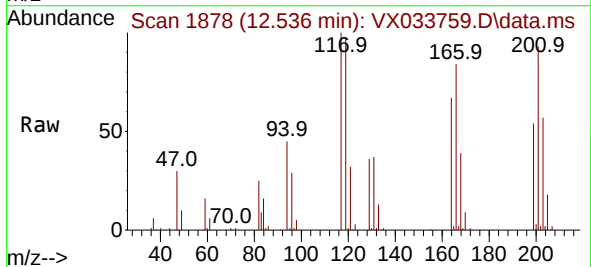
Manual Integrations
APPROVED

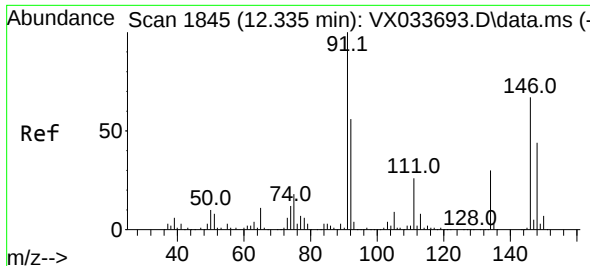
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#90
Hexachloroethane
Concen: 18.192 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

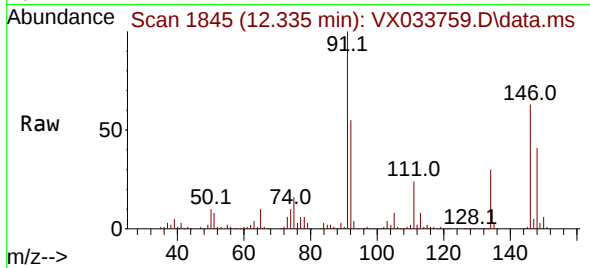
Tgt Ion:117 Resp: 23370
Ion Ratio Lower Upper
117 100
201 93.6 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 19.698 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

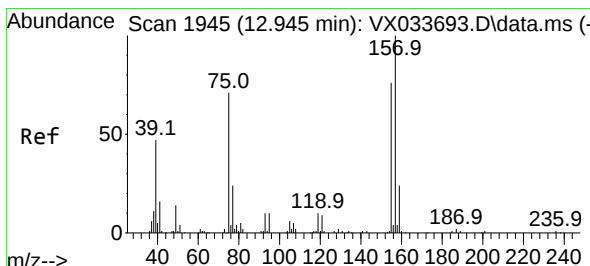
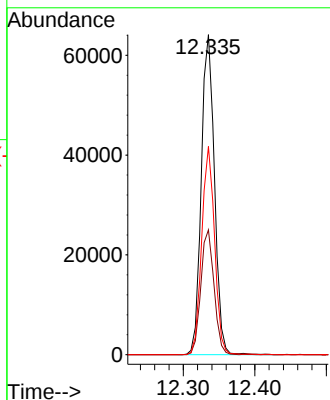
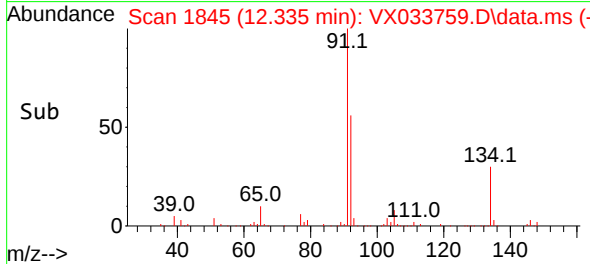
Instrument :
MSVOA_X
ClientSampleId :
VX0117MBSD01



Tgt Ion:146 Resp: 81980
Ion Ratio Lower Upper
146 100
111 39.1 19.3 57.8
148 63.7 32.3 96.9

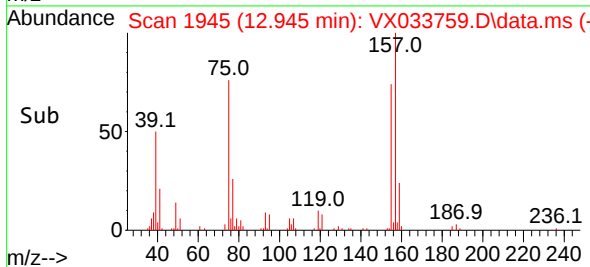
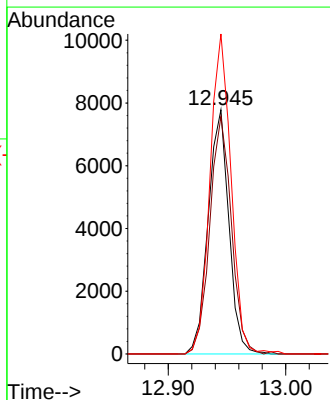
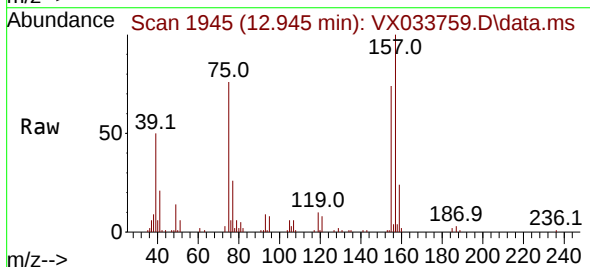
Manual Integrations
APPROVED

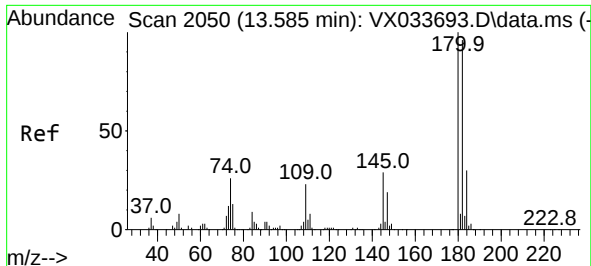
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.256 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

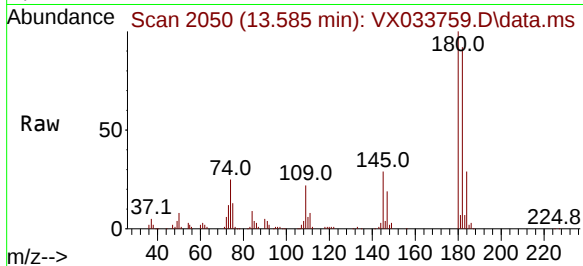
Tgt Ion: 75 Resp: 9509
Ion Ratio Lower Upper
75 100
155 101.7 51.7 155.1
157 133.7 67.5 202.3





#93
1,2,4-Trichlorobenzene
Concen: 20.630 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

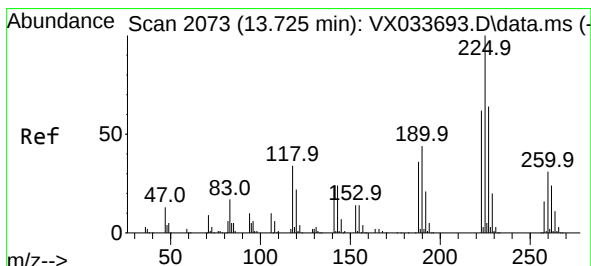
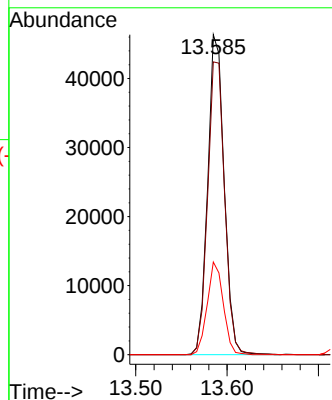
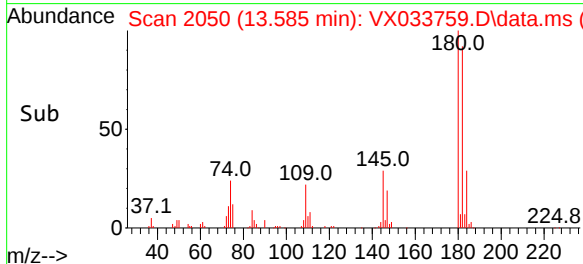
Instrument :
MSVOA_X
ClientSampleId :
VX0117MBS01



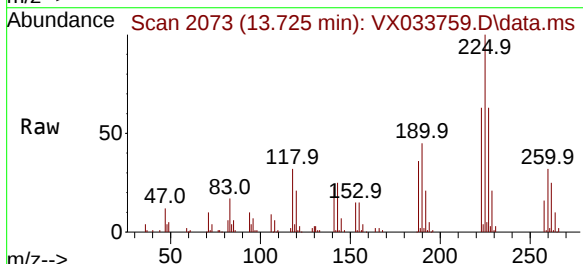
Tgt Ion:180 Resp: 5783
Ion Ratio Lower Upper
180 100
182 94.8 47.9 143.6
145 28.3 14.1 42.2

Manual Integrations
APPROVED

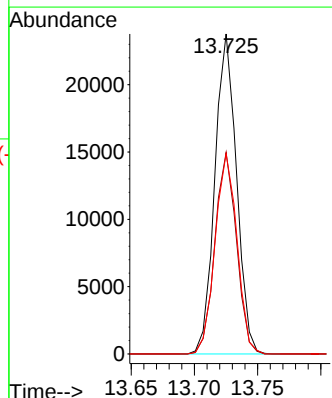
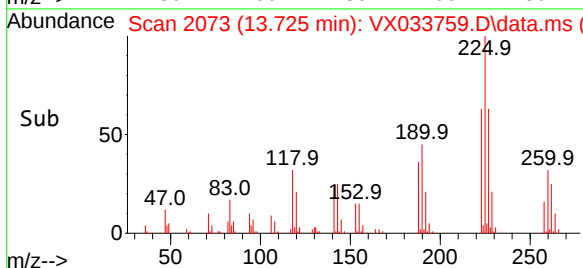
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023

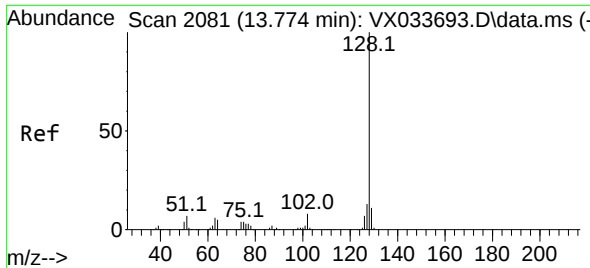


#94
Hexachlorobutadiene
Concen: 20.562 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43



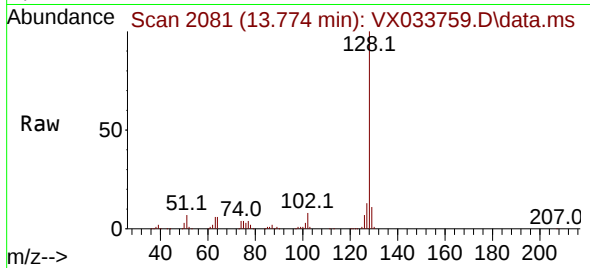
Tgt Ion:225 Resp: 28237
Ion Ratio Lower Upper
225 100
223 62.7 31.3 93.9
227 63.6 32.3 96.9





#95
Naphthalene
Concen: 20.134 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43

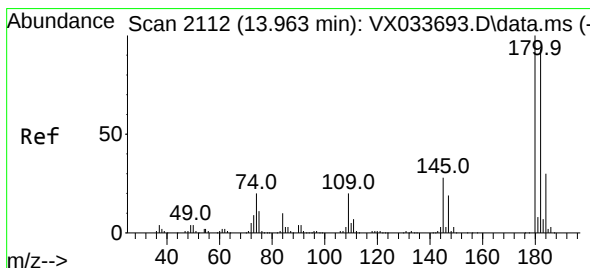
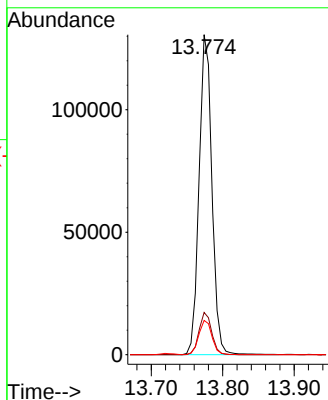
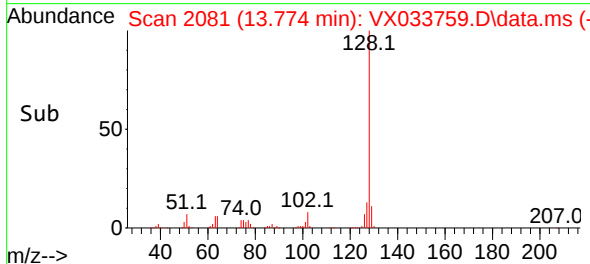
Instrument :
MSVOA_X
ClientSampleId :
VX0117MBSD01



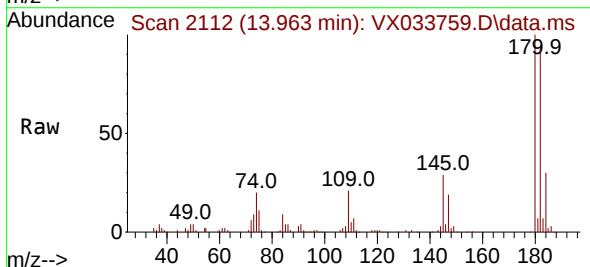
Tgt Ion:128 Resp: 162392
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.384 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033759.D
Acq: 17 Jan 2023 14:43



Tgt Ion:180 Resp: 57181
Ion Ratio Lower Upper
180 100
182 95.6 47.6 142.9
145 29.8 15.1 45.3

