

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012323\
 Data File : VX033840.D
 Acq On : 23 Jan 2023 11:41
 Operator : JC/MD
 Sample : VX0123WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0123WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/24/2023
 Supervised By : Mahesh Dadoda 01/27/2023

Quant Time: Jan 24 05:37:11 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	5.550	168	161093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	226326	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77874	45.912	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.820%		
35) Dibromofluoromethane	5.385	113	72461	51.560	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.120%		
50) Toluene-d8	8.647	98	257456	50.280	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.560%		
62) 4-Bromofluorobenzene	11.079	95	95164	50.056	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22412	17.605	ug/l	98
3) Chloromethane	1.294	50	26261	18.673	ug/l	98
4) Vinyl Chloride	1.374	62	26014	19.063	ug/l	100
5) Bromomethane	1.618	94	16679	21.272	ug/l	95
6) Chloroethane	1.691	64	13754	16.302	ug/l	95
7) Trichlorofluoromethane	1.892	101	40997	18.525	ug/l	97
8) Diethyl Ether	2.130	74	16617	22.932	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	25547	20.462	ug/l	95
10) Methyl Iodide	2.453	142	33760	18.867	ug/l	92
11) Tert butyl alcohol	2.995	59	22735m	77.158	ug/l	
12) 1,1-Dichloroethene	2.319	96	24461	18.661	ug/l	88
13) Acrolein	2.239	56	39940	146.910	ug/l	99
14) Allyl chloride	2.666	41	44435	17.973	ug/l	88
15) Acrylonitrile	3.062	53	73127	94.300	ug/l	100
16) Acetone	2.392	43	67392	101.995	ug/l	90
17) Carbon Disulfide	2.514	76	62027	19.839	ug/l	99
18) Methyl Acetate	2.703	43	44064	18.615	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	87202	19.155	ug/l	97
20) Methylene Chloride	2.788	84	28116	17.432	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	26203	17.100	ug/l	98
22) Diisopropyl ether	3.757	45	89489	17.991	ug/l	99
23) Vinyl Acetate	3.721	43	339695	90.717	ug/l	100
24) 1,1-Dichloroethane	3.611	63	47018	17.277	ug/l	97
25) 2-Butanone	4.562	43	98792	89.143	ug/l	96
26) 2,2-Dichloropropane	4.477	77	34742	17.822	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	31577	17.924	ug/l	96
28) Bromochloromethane	4.897	49	25708	20.738	ug/l	93
29) Tetrahydrofuran	5.007	42	61157	87.556	ug/l	96
30) Chloroform	5.093	83	49599	17.794	ug/l	96
31) Cyclohexane	5.471	56	42067	16.854	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	42846	18.004	ug/l	98
36) 1,1-Dichloropropene	5.690	75	35594	17.354	ug/l	99
37) Ethyl Acetate	4.708	43	39017	18.114	ug/l	100
38) Carbon Tetrachloride	5.678	117	39289	18.495	ug/l	97
39) Methylcyclohexane	7.379	83	45153	17.826	ug/l	97
40) Benzene	6.037	78	108442	18.139	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	21936	19.408	ug/l	96
42) 1,2-Dichloroethane	6.086	62	37884	17.881	ug/l	98
43) Isopropyl Acetate	6.336	43	60335	18.633	ug/l	98
44) Trichloroethene	7.123	130	31514	18.851	ug/l	99
45) 1,2-Dichloropropane	7.427	63	27678	18.481	ug/l	96
46) Dibromomethane	7.580	93	19837	18.963	ug/l	97
47) Bromodichloromethane	7.818	83	40014	19.849	ug/l	95
48) Methyl methacrylate	7.690	41	30514	18.708	ug/l	97
49) 1,4-Dioxane	7.708	88	11384	315.525	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	191894	96.497	ug/l	99
52) Toluene	8.720	92	70228	18.190	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	41360	20.515	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	45681	20.222	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	29443	19.266	ug/l	97
56) Ethyl methacrylate	9.116	69	42604	19.809	ug/l	95
57) 1,3-Dichloropropane	9.305	76	48856	19.716	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	102075	96.370	ug/l	98
59) 2-Hexanone	9.427	43	140059	101.191	ug/l	99
60) Dibromochloromethane	9.519	129	35831	22.615	ug/l	99
61) 1,2-Dibromoethane	9.610	107	31852	20.884	ug/l	99
64) Tetrachloroethene	9.275	164	29362	19.534	ug/l	99
65) Chlorobenzene	10.079	112	79182	18.766	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	31579	20.336	ug/l	99
67) Ethyl Benzene	10.195	91	133196	18.386	ug/l	99
68) m/p-Xylenes	10.299	106	107914	38.083	ug/l	98
69) o-Xylene	10.640	106	52842	18.804	ug/l	100
70) Styrene	10.652	104	87074	19.052	ug/l	99
71) Bromoform	10.799	173	29101	22.364	ug/l #	99
73) Isopropylbenzene	10.963	105	137454	17.984	ug/l	99
74) N-amyl acetate	10.841	43	48798	17.430	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	43836	19.304	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	35430m	18.087	ug/l	
77) Bromobenzene	11.195	156	37935	18.608	ug/l	98
78) n-propylbenzene	11.305	91	151991	17.471	ug/l	99
79) 2-Chlorotoluene	11.366	91	91953	17.636	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	114703	17.879	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	13528	21.463	ug/l	92
82) 4-Chlorotoluene	11.457	91	104457	17.484	ug/l	98
83) tert-Butylbenzene	11.713	119	119069	18.693	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	115559	19.042	ug/l	100
85) sec-Butylbenzene	11.890	105	143724	18.864	ug/l	100
86) p-Isopropyltoluene	12.006	119	124064	19.020	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	67974	18.869	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	69230	18.865	ug/l	99
89) n-Butylbenzene	12.335	91	99904	18.721	ug/l	99
90) Hexachloroethane	12.536	117	22950	21.389	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	67487	19.414	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8706	20.011	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	45544	19.450	ug/l	99
94) Hexachlorobutadiene	13.725	225	22065	19.237	ug/l	99
95) Naphthalene	13.774	128	133162	19.767	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	46366	19.789	ug/l	99

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

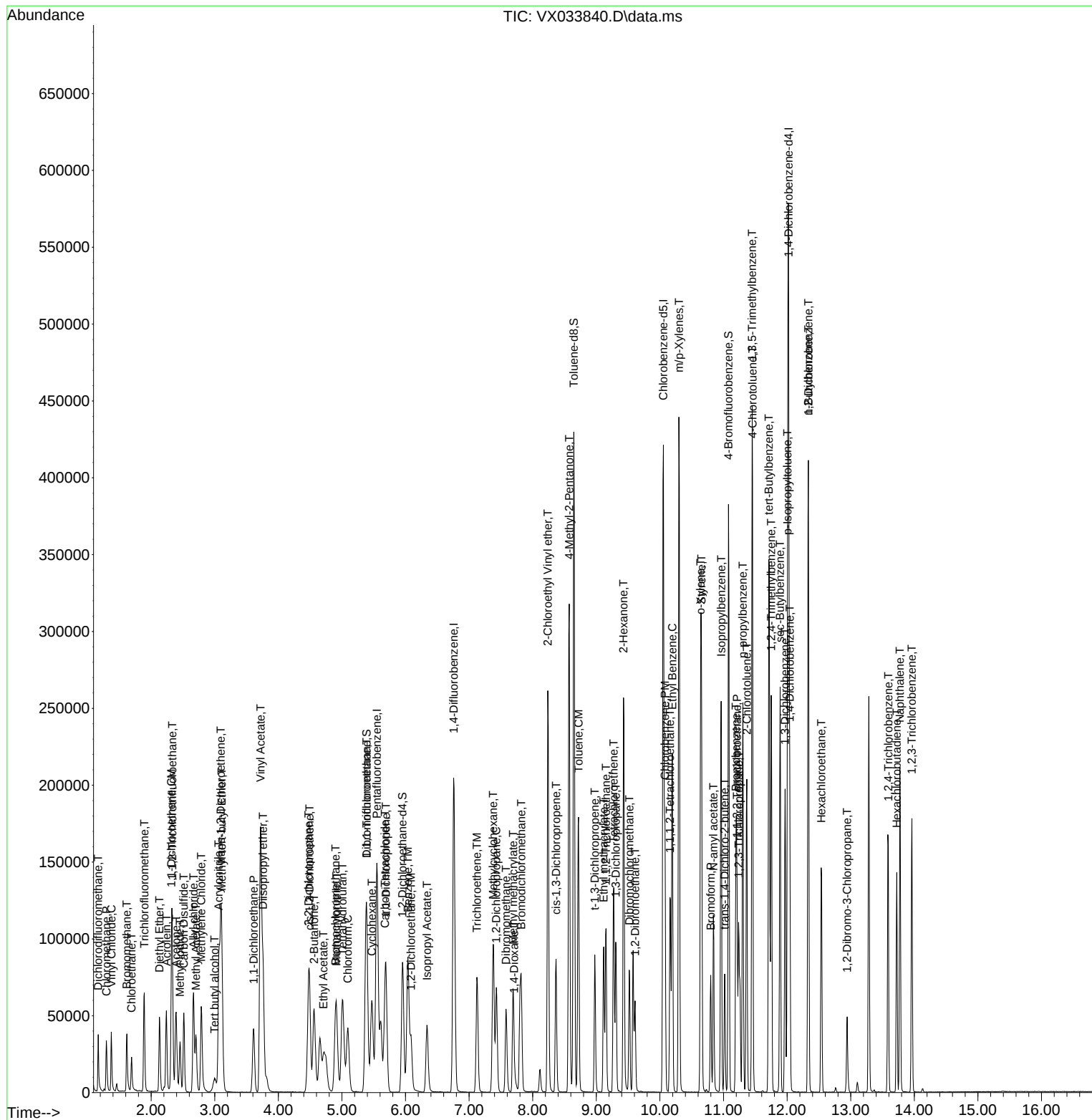
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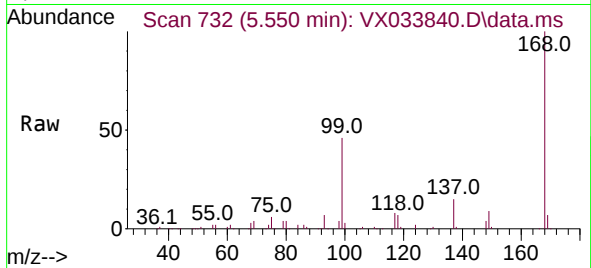
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX033840.D
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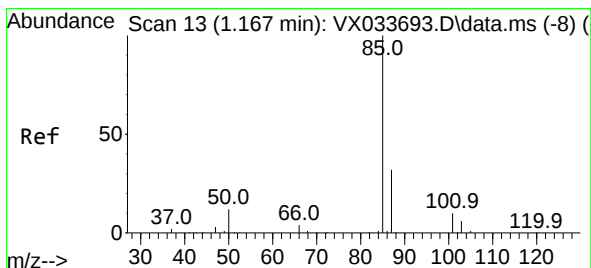
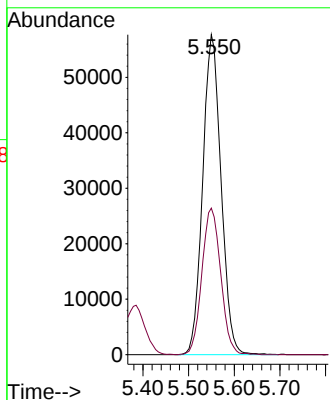
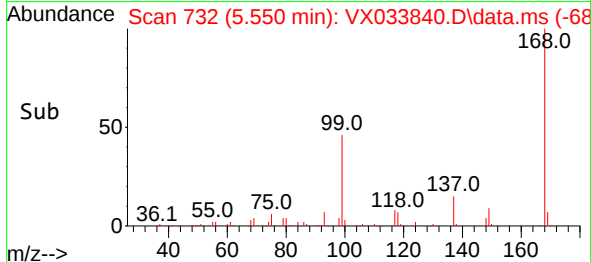
Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01



Tgt Ion:168 Resp: 161093
Ion Ratio Lower Upper
168 100
99 45.8 39.6 59.4

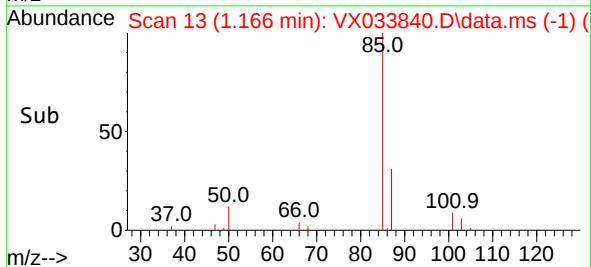
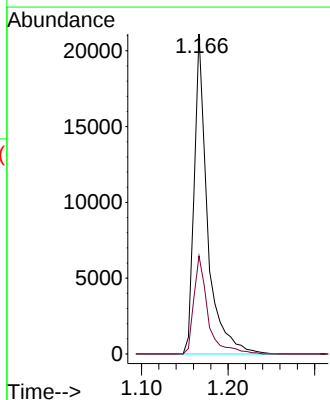
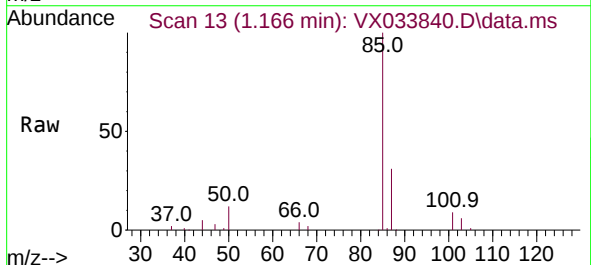
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#2
Dichlorodifluoromethane
Concen: 17.605 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

Tgt Ion: 85 Resp: 22412
Ion Ratio Lower Upper
85 100
87 30.6 15.8 47.4





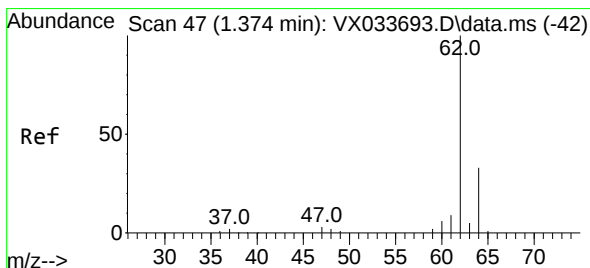
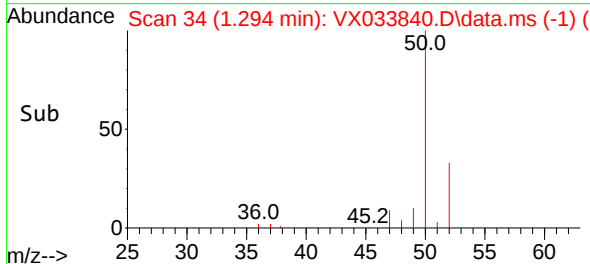
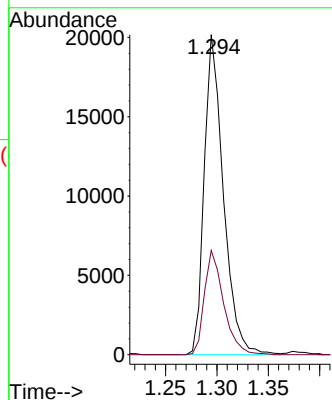
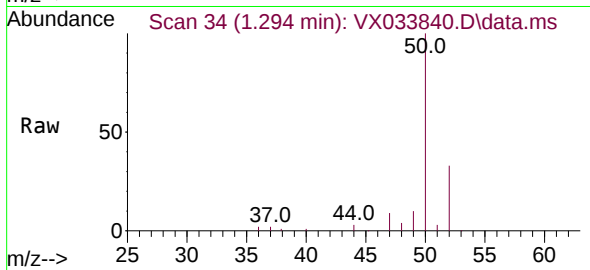
#3
Chloromethane
Concen: 18.673 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01

Tgt Ion: 50 Resp: 2626
Ion Ratio Lower Upper
50 100
52 32.5 25.2 37.8

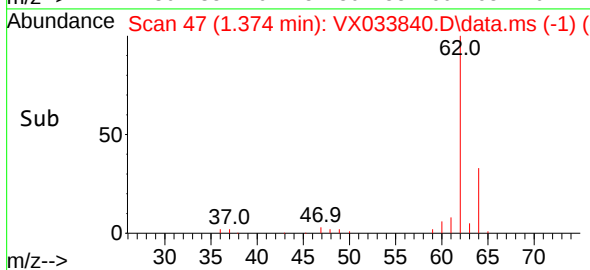
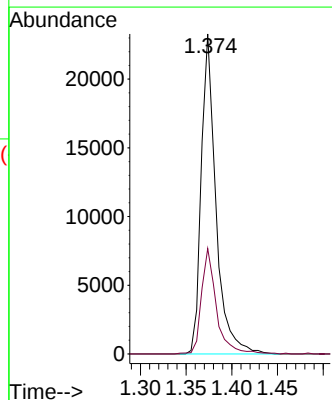
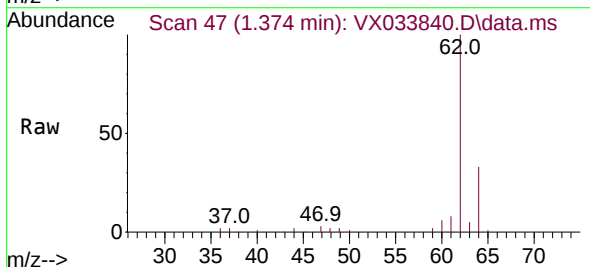
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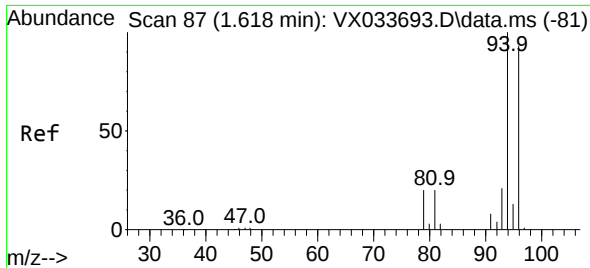
Reviewed By :John Carlone 01/24/2023
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#4
Vinyl Chloride
Concen: 19.063 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

Tgt Ion: 62 Resp: 26014
Ion Ratio Lower Upper
62 100
64 32.9 26.2 39.4





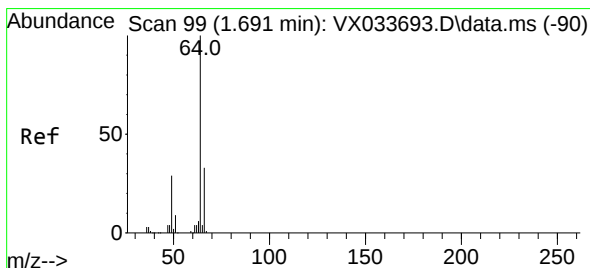
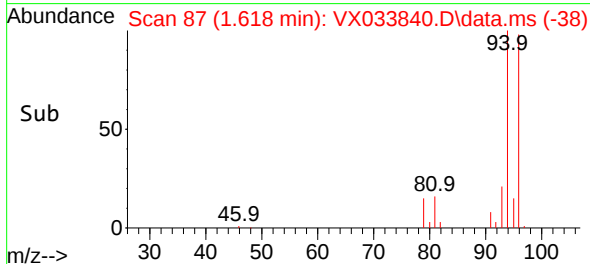
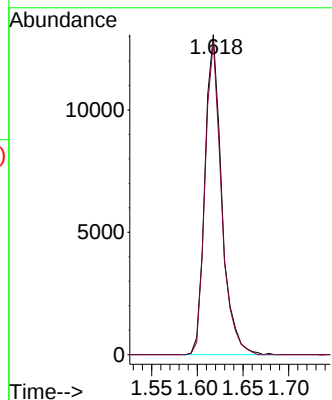
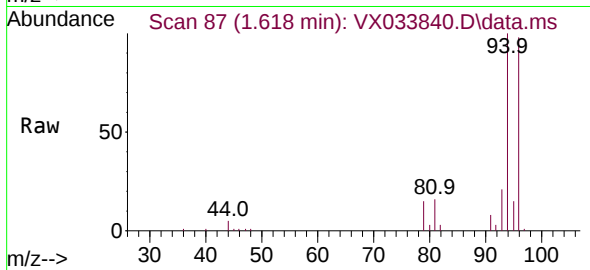
#5
Bromomethane
Concen: 21.272 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

Instrument :
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Tgt Ion: 94 Resp: 16679
Ion Ratio Lower Upper
94 100
96 97.9 74.3 111.5

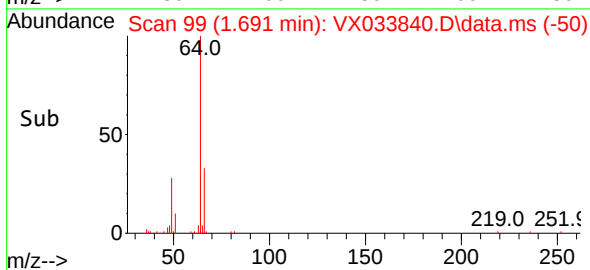
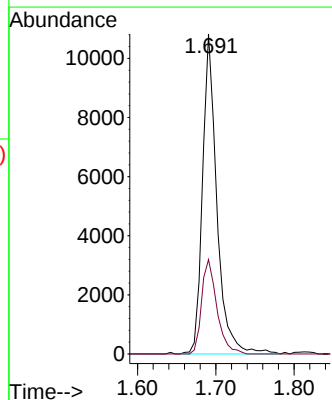
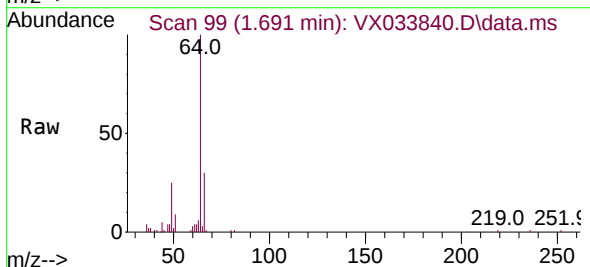
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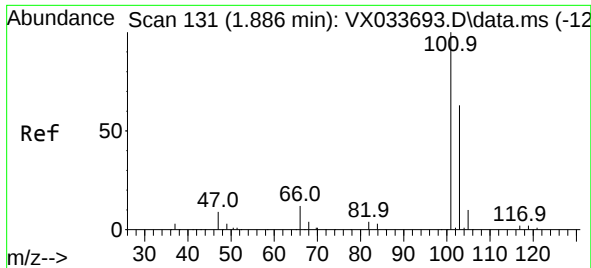
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#6
Chloroethane
Concen: 16.302 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

Tgt Ion: 64 Resp: 13754
Ion Ratio Lower Upper
64 100
66 29.5 26.1 39.1





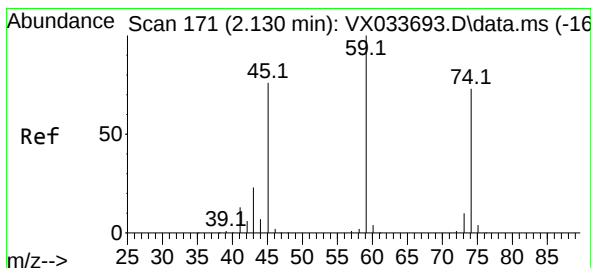
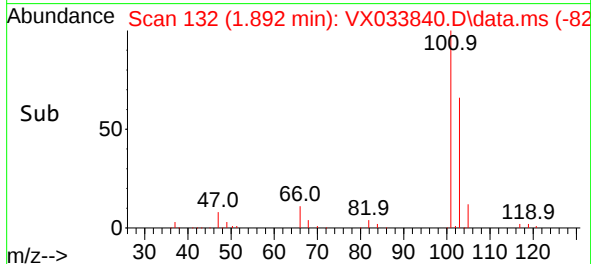
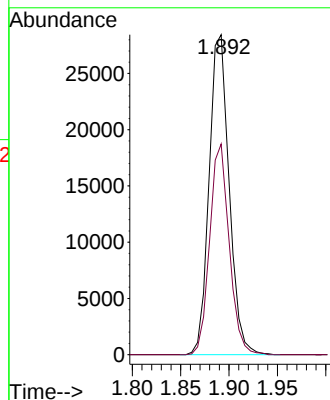
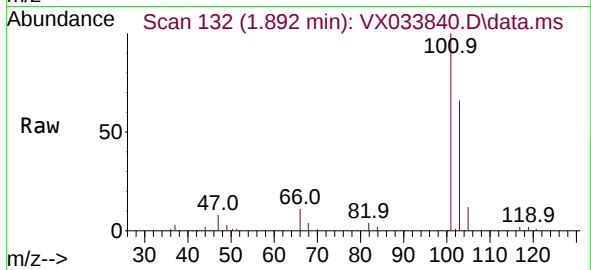
#7
Trichlorofluoromethane
Concen: 18.525 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 4099
Ion Ratio Lower Upper
101 100
103 65.8 50.6 75.8

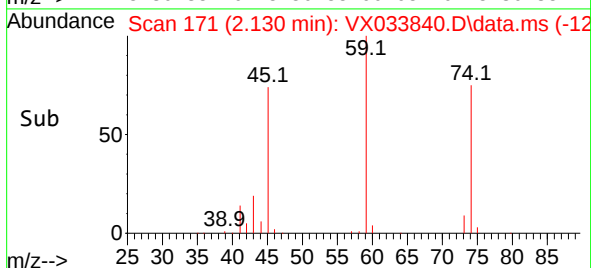
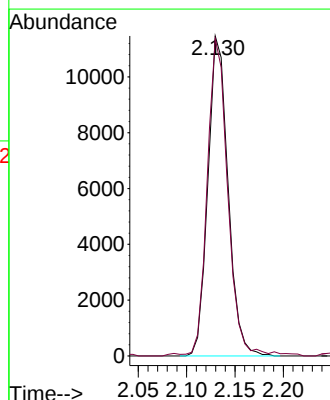
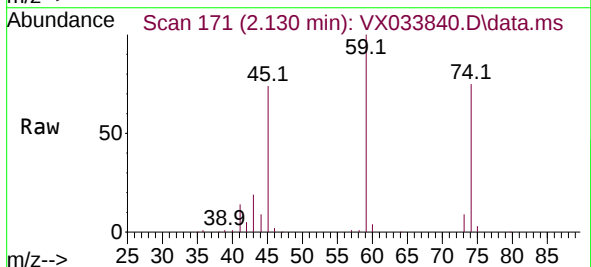
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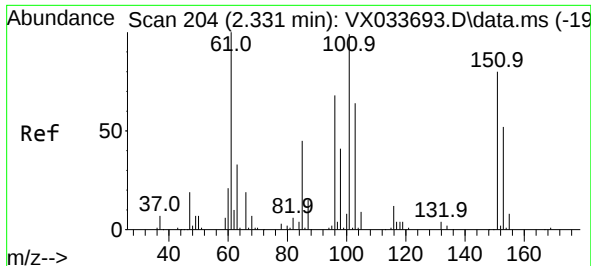
Reviewed By :John Carlone 01/24/2023
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#8
Diethyl Ether
Concen: 22.932 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

Tgt Ion: 74 Resp: 16617
Ion Ratio Lower Upper
74 100
45 101.3 51.5 154.5





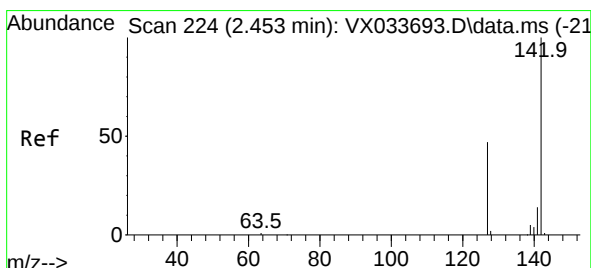
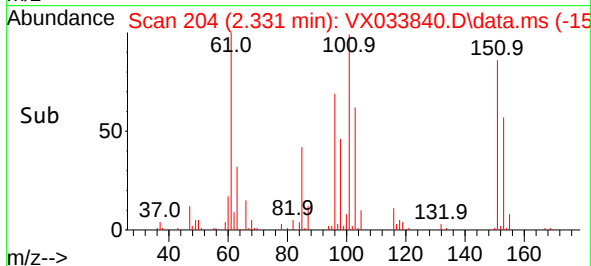
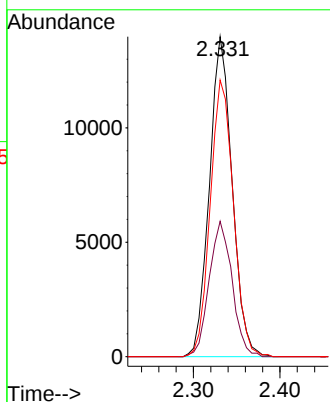
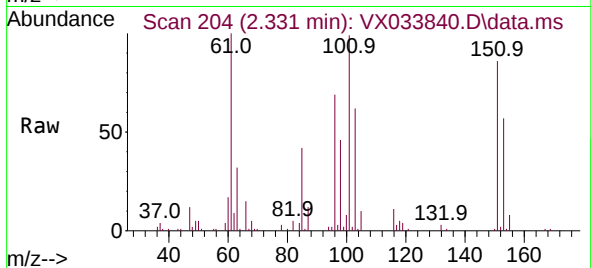
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.462 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01

Tgt Ion:101 Resp: 2554
Ion Ratio Lower Upper
101 100
85 42.6 36.7 55.1
151 87.9 66.5 99.7

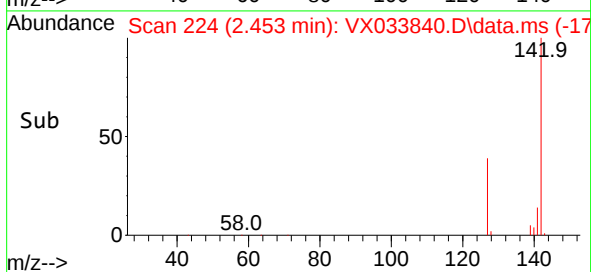
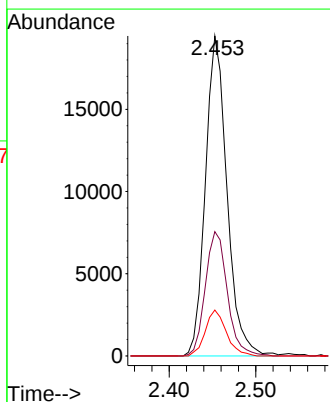
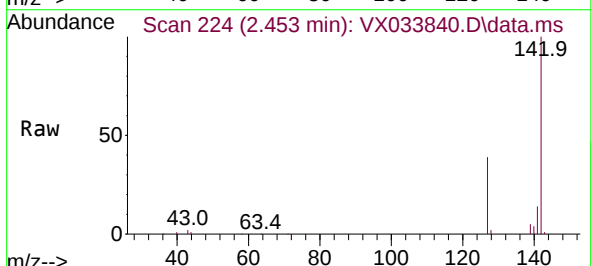
Manual Integrations
APPROVED

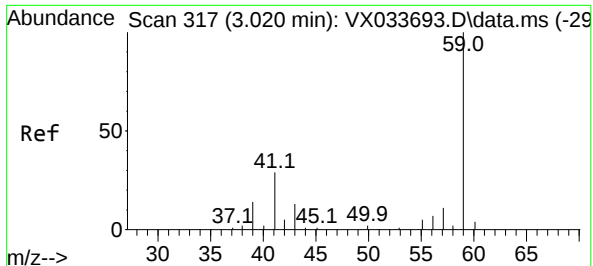
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#10
Methyl Iodide
Concen: 18.867 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

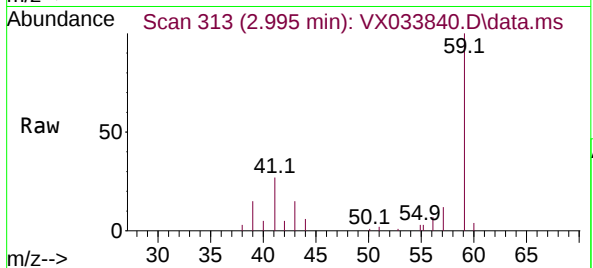
Tgt Ion:142 Resp: 33760
Ion Ratio Lower Upper
142 100
127 39.6 37.3 55.9
141 14.0 11.5 17.3





#11
Tert butyl alcohol
Concen: 77.158 ug/l m
RT: 2.995 min Scan# 317
Delta R.T. -0.024 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

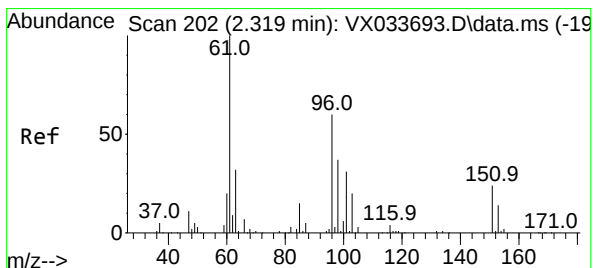
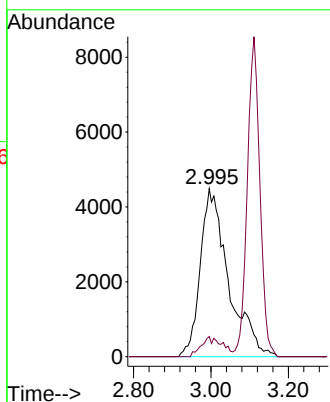
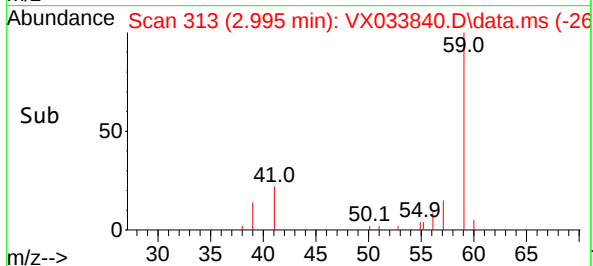
Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01



Tgt Ion: 59 Resp: 22735
Ion Ratio Lower Upper
59 100
57 4.4 3.7 5.5

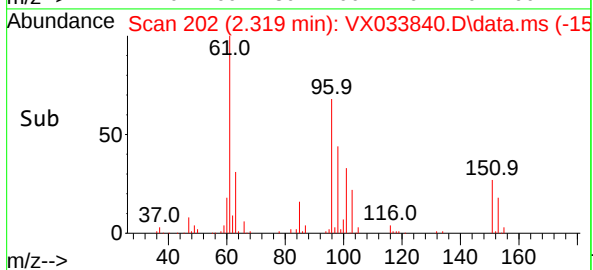
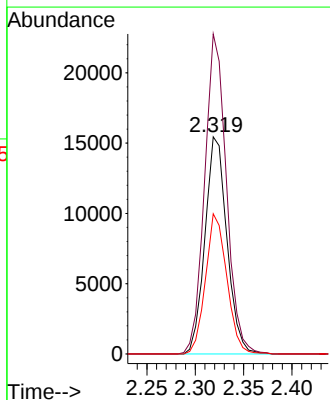
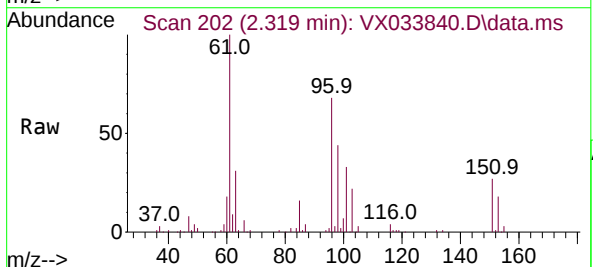
Manual Integrations
APPROVED

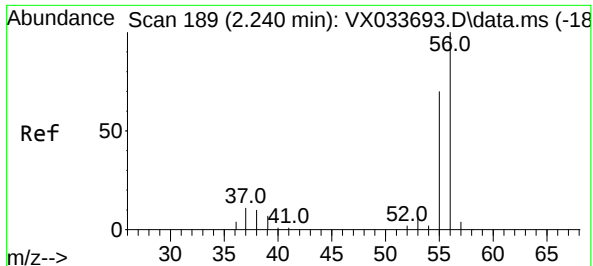
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#12
1,1-Dichloroethene
Concen: 18.661 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

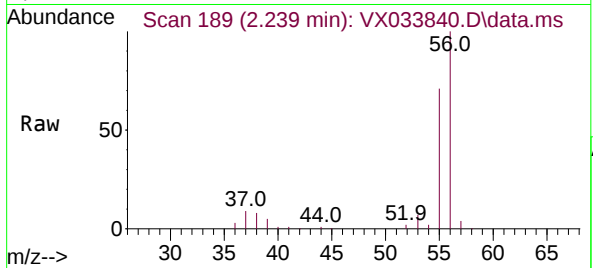
Tgt Ion: 96 Resp: 24461
Ion Ratio Lower Upper
96 100
61 147.4 134.2 201.4
98 64.6 50.2 75.2





#13
Acrolein
Concen: 146.910 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

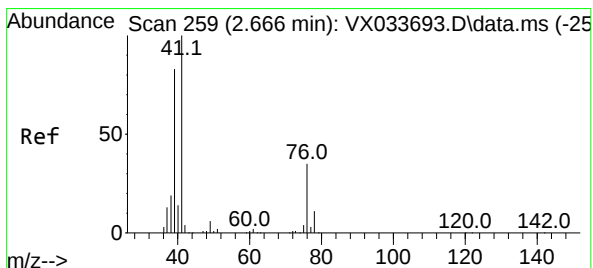
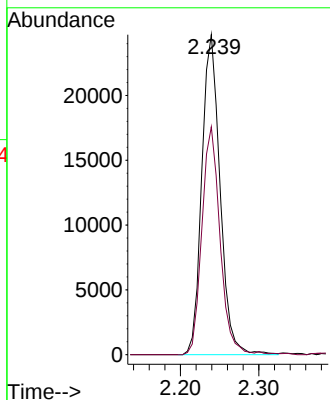
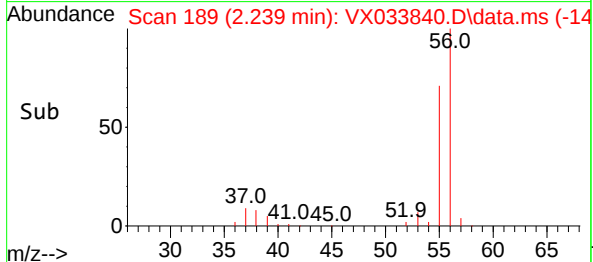
Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01



Tgt Ion: 56 Resp: 39940
Ion Ratio Lower Upper
56 100
55 71.2 56.3 84.5

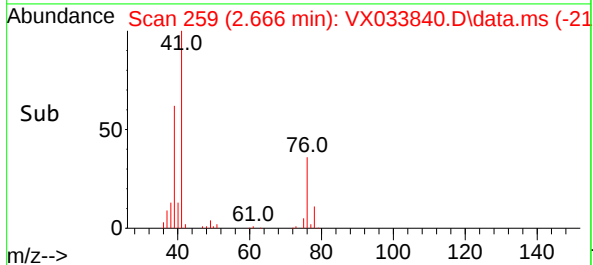
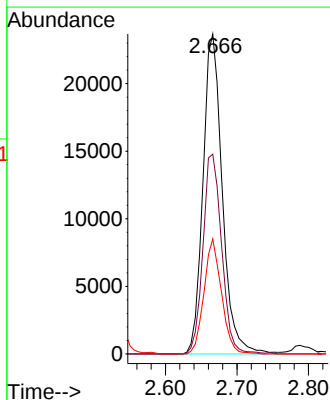
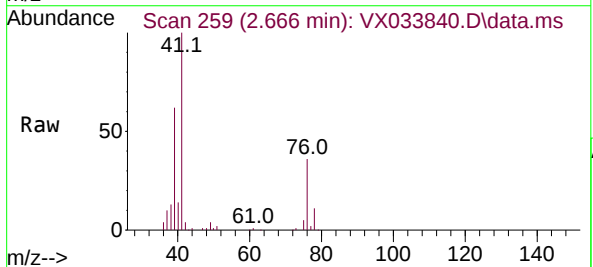
Manual Integrations
APPROVED

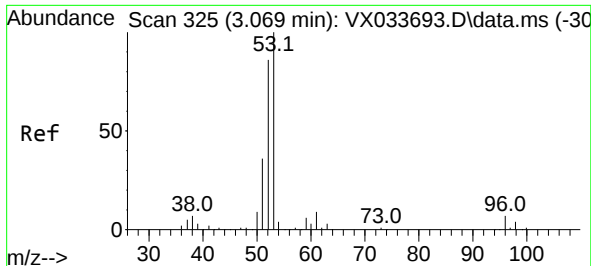
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#14
Allyl chloride
Concen: 17.973 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

Tgt Ion: 41 Resp: 44435
Ion Ratio Lower Upper
41 100
39 60.5 59.0 88.4
76 32.5 24.6 37.0





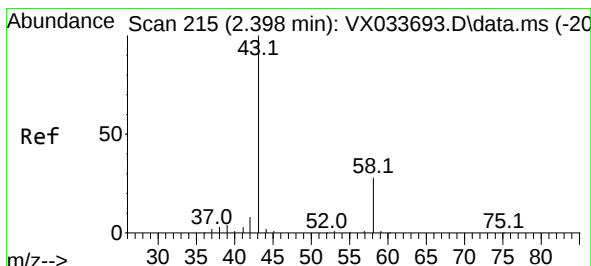
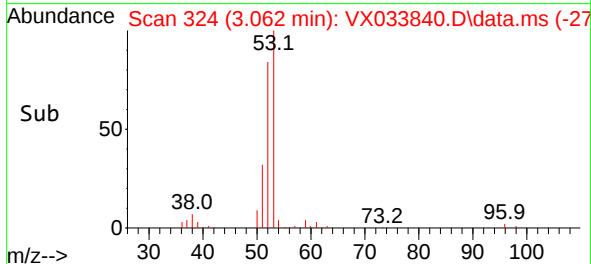
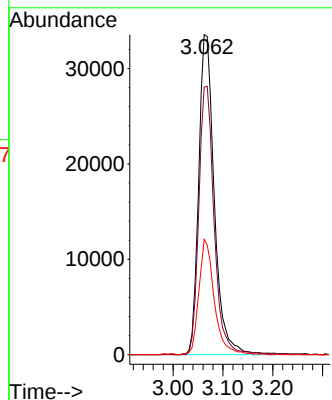
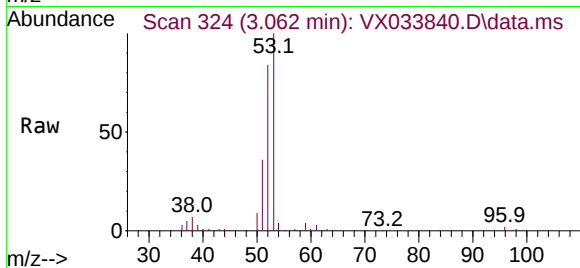
#15
Acrylonitrile
Concen: 94.300 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01

Tgt Ion: 53 Resp: 7312
Ion Ratio Lower Upper
53 100
52 82.3 65.7 98.5
51 35.5 29.0 43.4

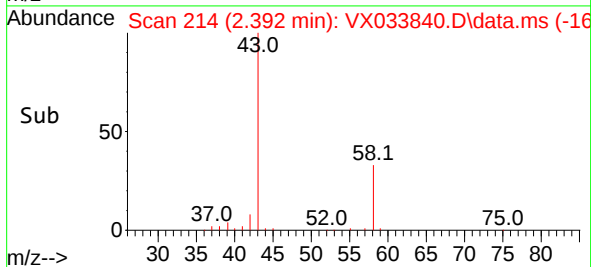
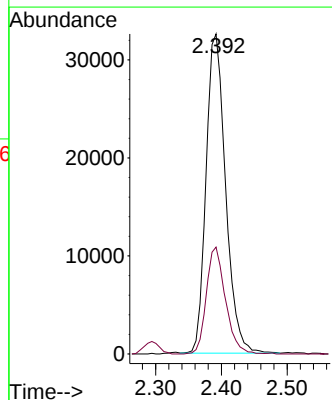
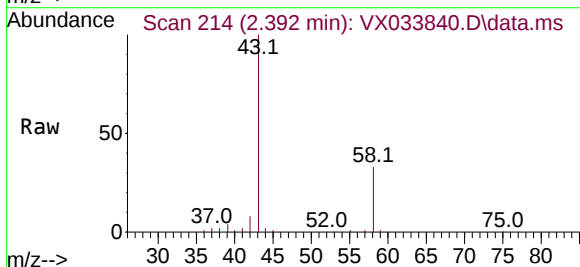
Manual Integrations
APPROVED

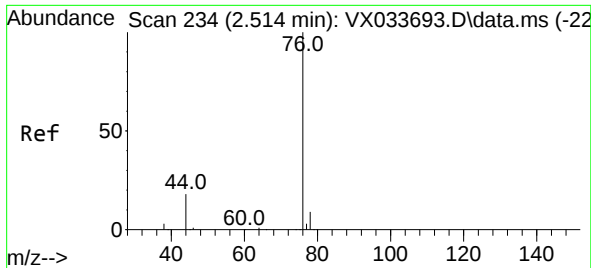
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#16
Acetone
Concen: 101.995 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

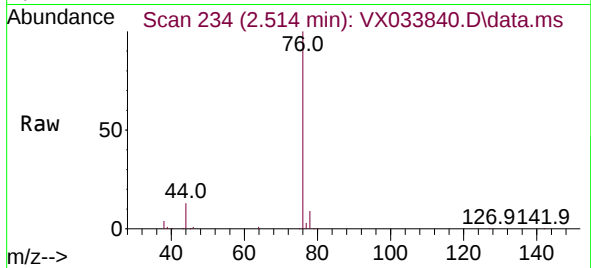
Tgt Ion: 43 Resp: 67392
Ion Ratio Lower Upper
43 100
58 33.5 22.6 33.8





#17
Carbon Disulfide
Concen: 19.839 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

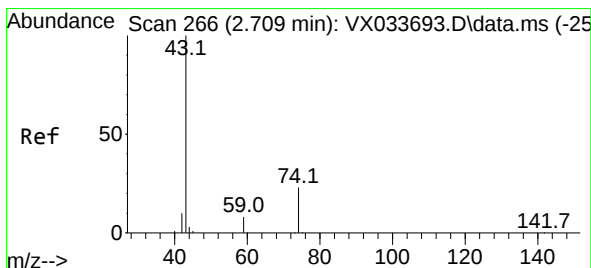
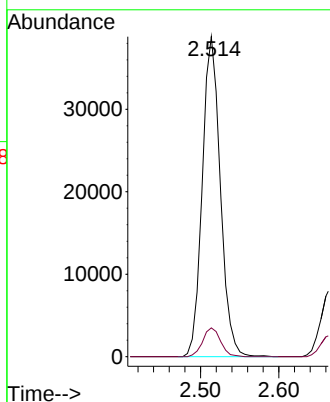
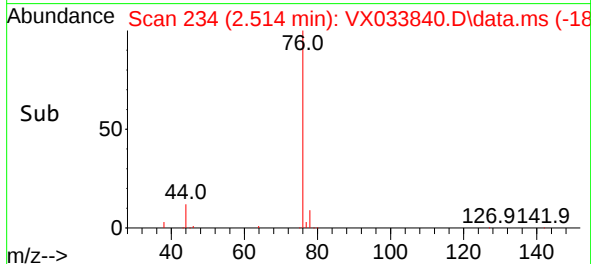
Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01



Tgt Ion: 76 Resp: 6202
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

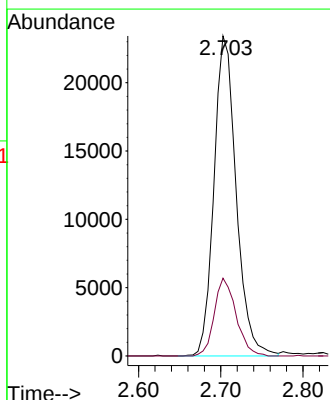
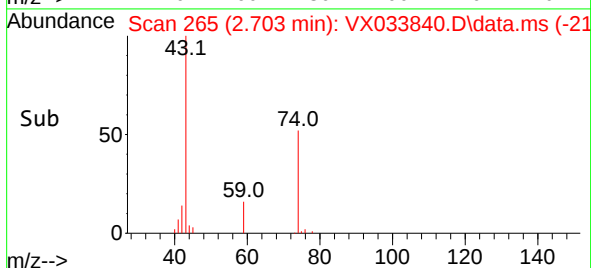
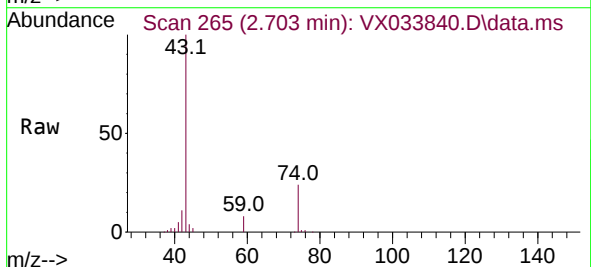
Manual Integrations
APPROVED

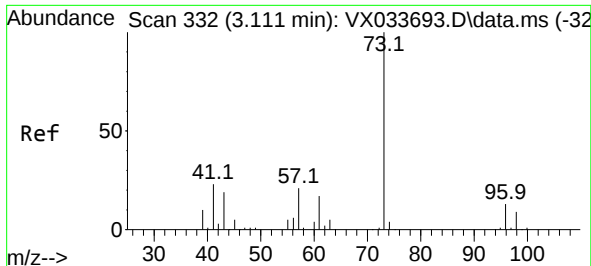
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#18
Methyl Acetate
Concen: 18.615 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

Tgt Ion: 43 Resp: 44064
Ion Ratio Lower Upper
43 100
74 23.8 18.2 27.4





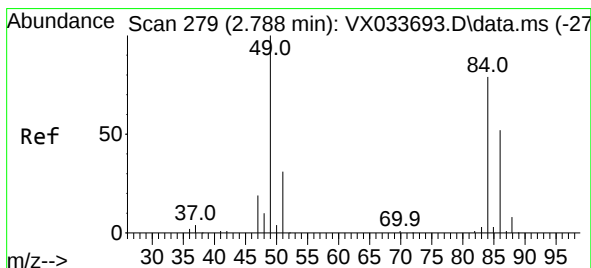
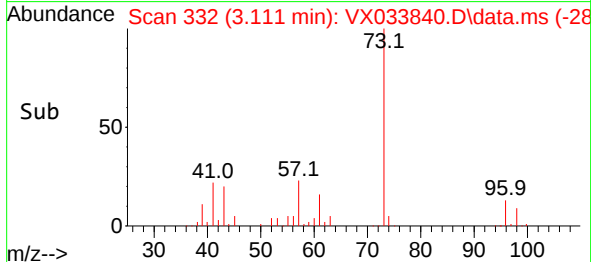
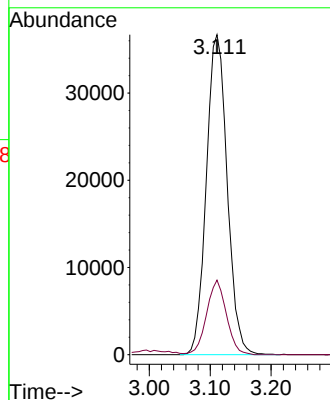
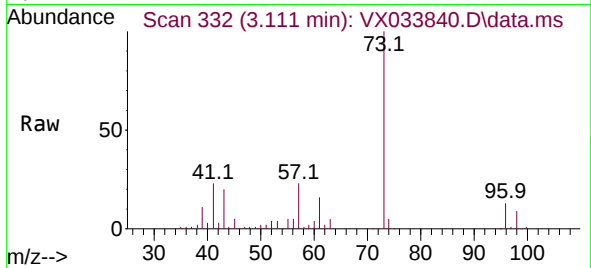
#19
Methyl tert-butyl Ether
Concen: 19.155 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01

Tgt Ion: 73 Resp: 8720
Ion Ratio Lower Upper
73 100
57 23.3 17.4 26.0

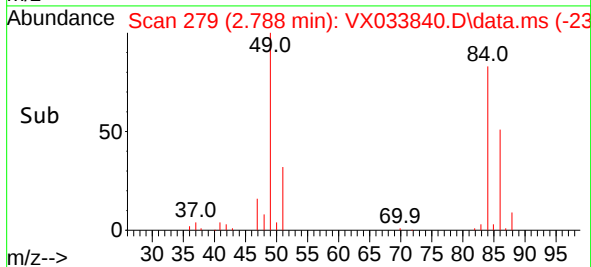
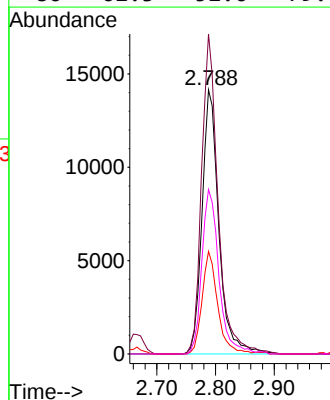
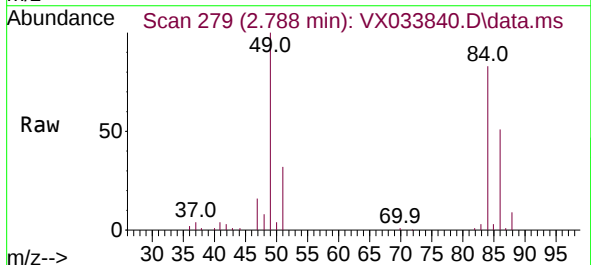
Manual Integrations
APPROVED

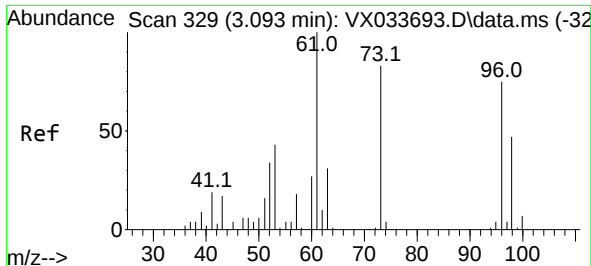
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#20
Methylene Chloride
Concen: 17.432 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

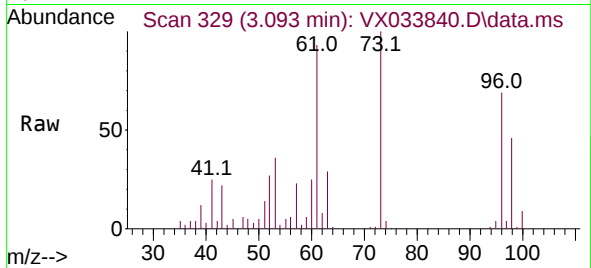
Tgt Ion: 84 Resp: 28116
Ion Ratio Lower Upper
84 100
49 121.2 101.1 151.7
51 38.8 31.0 46.6
86 62.3 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 17.100 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

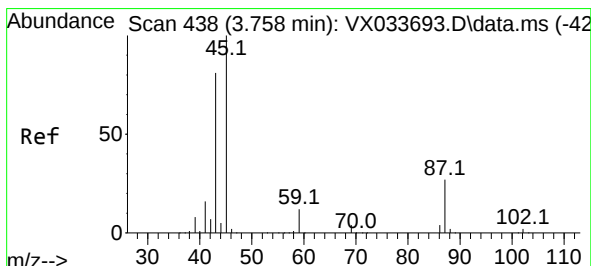
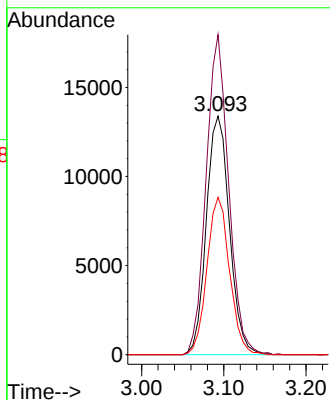
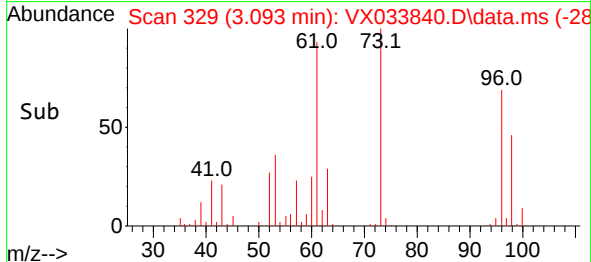
Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01



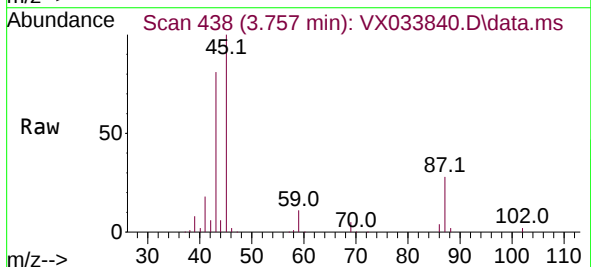
Tgt Ion: 96 Resp: 2620
Ion Ratio Lower Upper
96 100
61 134.1 106.7 160.1
98 66.0 50.0 75.0

Manual Integrations
APPROVED

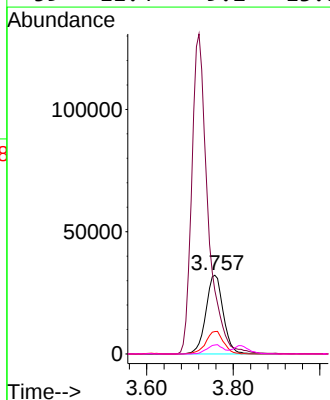
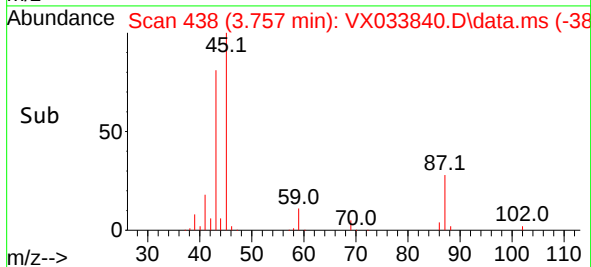
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

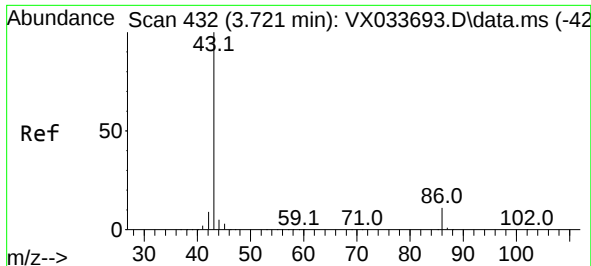


#22
Diisopropyl ether
Concen: 17.991 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41



Tgt Ion: 45 Resp: 89489
Ion Ratio Lower Upper
45 100
43 80.2 64.6 97.0
87 28.5 21.9 32.9
59 11.4 9.2 13.8





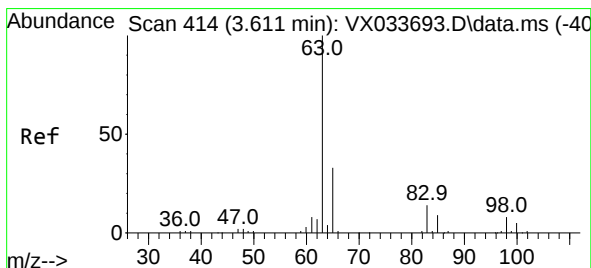
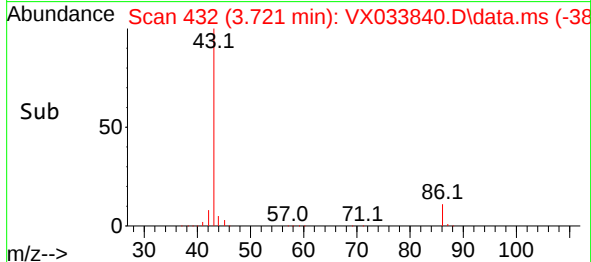
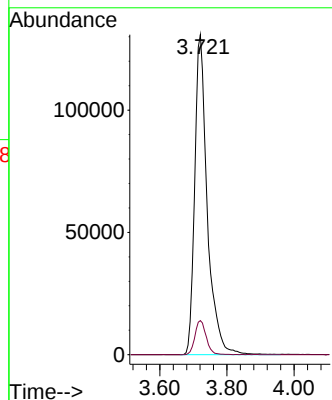
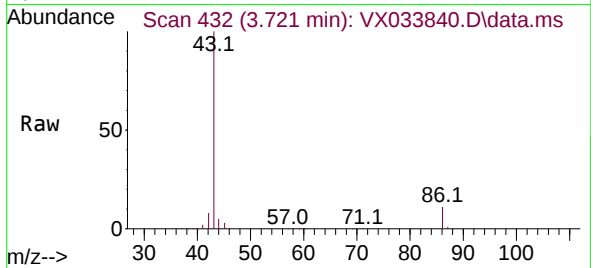
#23
 Vinyl Acetate
 Concen: 90.717 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX033840.D
 Acq: 23 Jan 2023 11:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0123WBSD01

Tgt Ion: 43 Resp: 33969
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.4 12.6

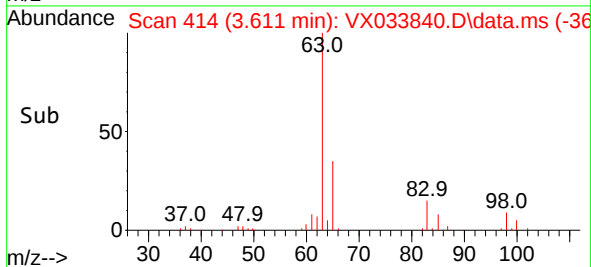
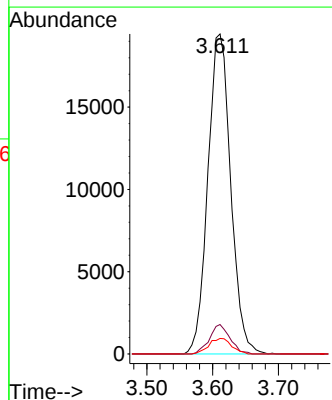
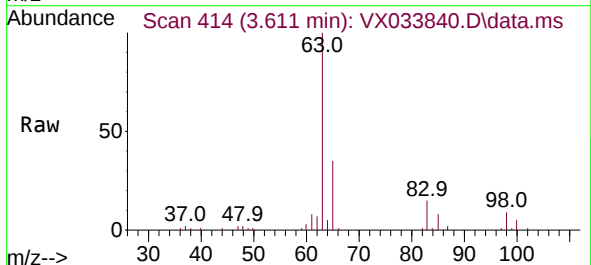
Manual Integrations
 APPROVED

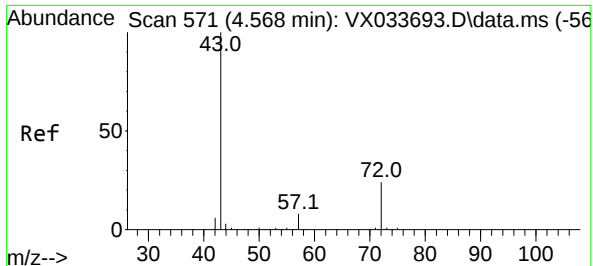
Reviewed By :John Carlone 01/24/2023
 Supervised By :Mahesh Dadoda 01/27/2023



#24
 1,1-Dichloroethane
 Concen: 17.277 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX033840.D
 Acq: 23 Jan 2023 11:41

Tgt Ion: 63 Resp: 47018
 Ion Ratio Lower Upper
 63 100
 98 9.2 3.8 11.2
 100 4.9 2.4 7.2





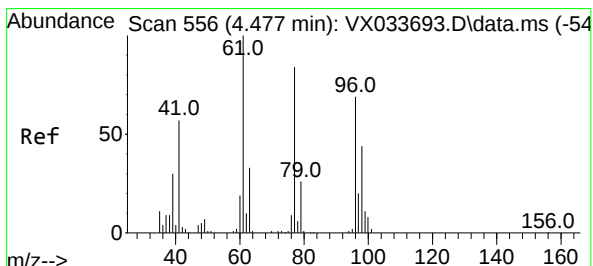
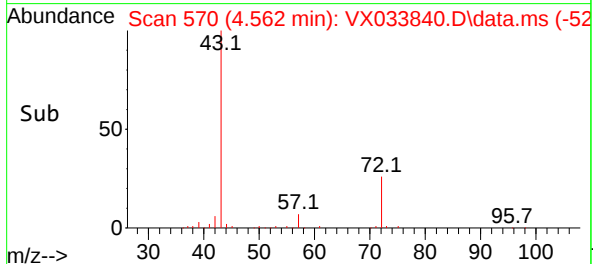
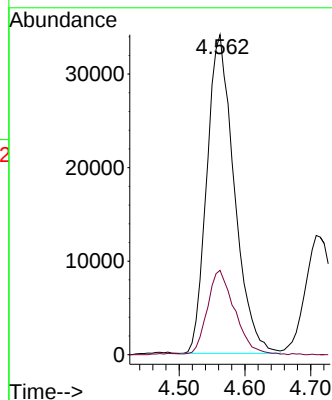
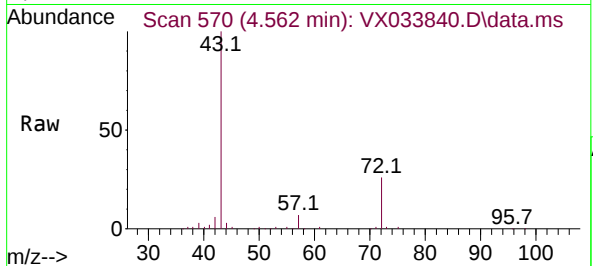
#25
2-Butanone
Concen: 89.143 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01

Tgt Ion: 43 Resp: 98792
Ion Ratio Lower Upper
43 100
72 26.2 19.4 29.2

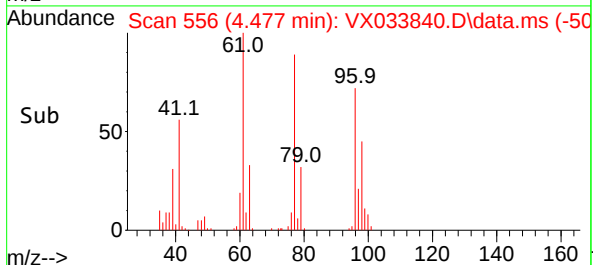
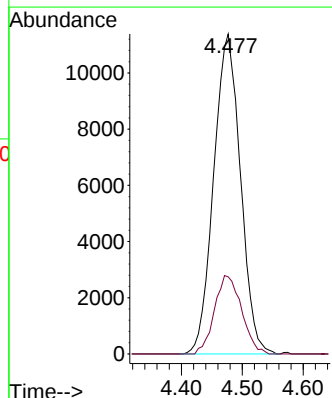
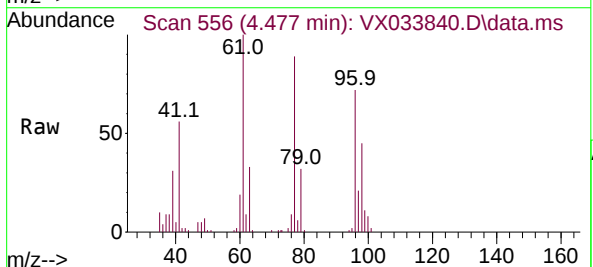
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#26
2,2-Dichloropropane
Concen: 17.822 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

Tgt Ion: 77 Resp: 34742
Ion Ratio Lower Upper
77 100
97 24.8 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 17.924 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX033840.D

Acq: 23 Jan 2023 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0123WBSD01

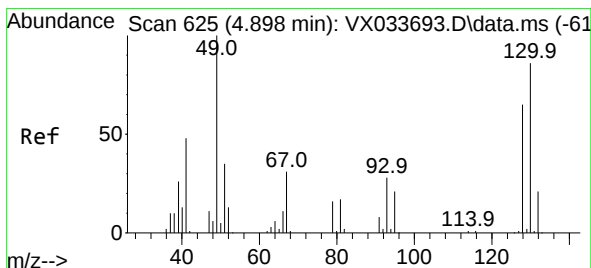
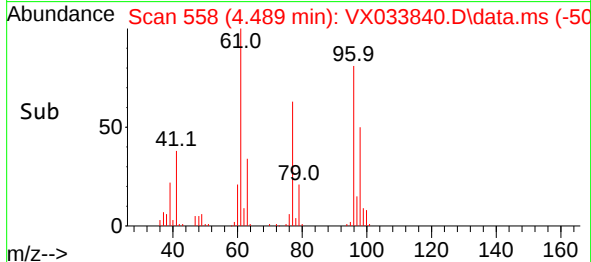
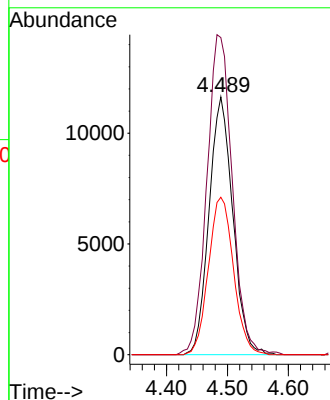
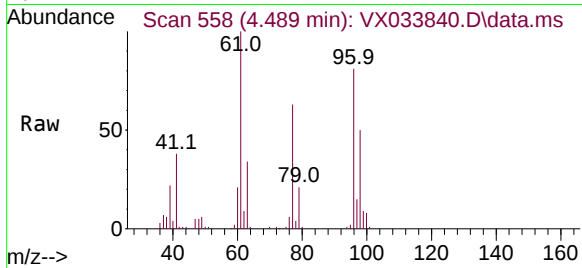
Tgt Ion: 96	Resp: 3157
Ion Ratio	Lower Upper
96 100	
61 132.8	0.0 277.6
98 64.4	0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/27/2023



#28

Bromochloromethane

Concen: 20.738 ug/l

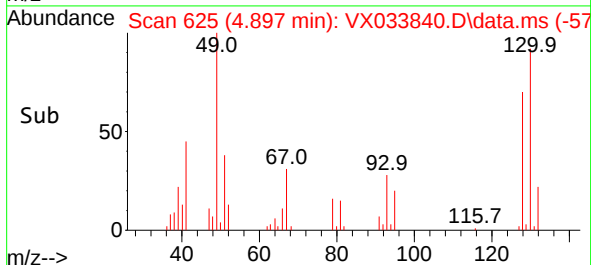
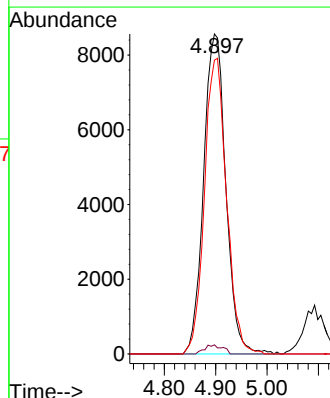
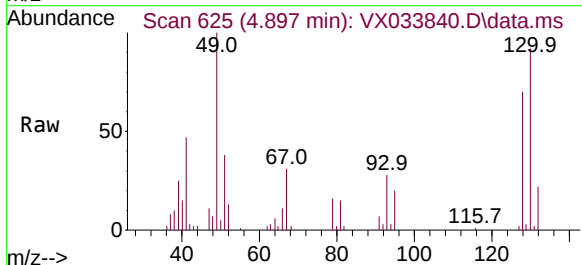
RT: 4.897 min Scan# 625

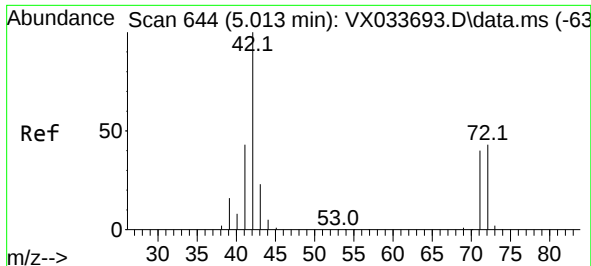
Delta R.T. -0.000 min

Lab File: VX033840.D

Acq: 23 Jan 2023 11:41

Tgt Ion: 49	Resp: 25708
Ion Ratio	Lower Upper
49 100	
129 2.3	0.0 4.6
130 91.8	68.5 102.7





#29

Tetrahydrofuran

Concen: 87.556 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX033840.D

Acq: 23 Jan 2023 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0123WBSD01

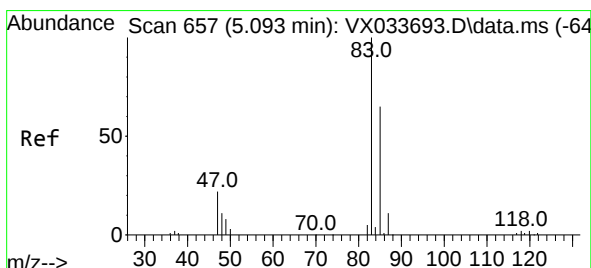
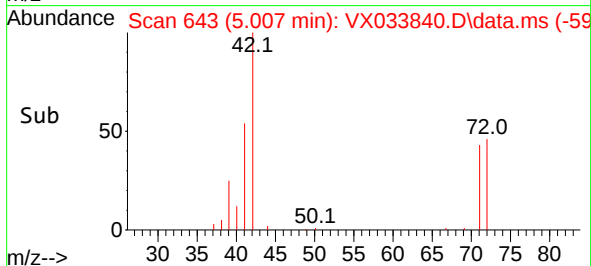
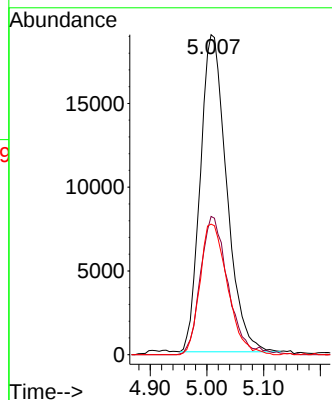
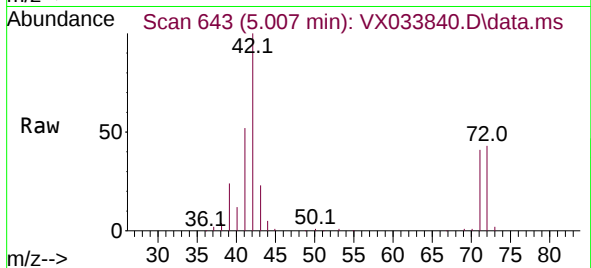
Tgt Ion: 42	Resp: 6115
Ion Ratio	Lower Upper
42 100	
72 45.9	34.8 52.2
71 43.1	32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/27/2023



#30

Chloroform

Concen: 17.794 ug/l

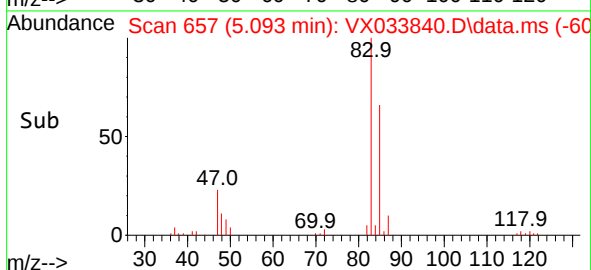
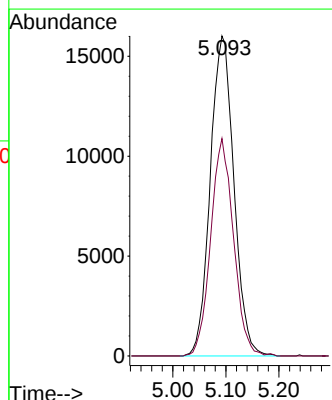
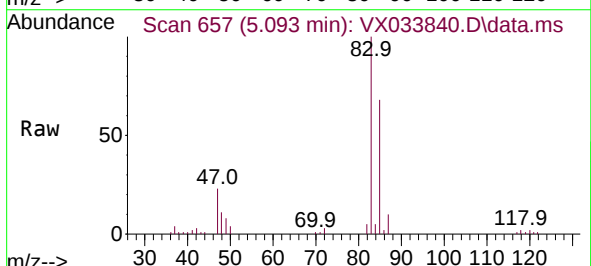
RT: 5.093 min Scan# 657

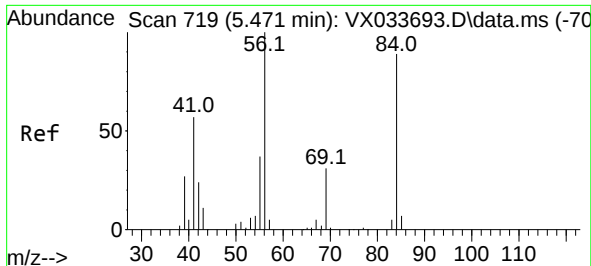
Delta R.T. -0.000 min

Lab File: VX033840.D

Acq: 23 Jan 2023 11:41

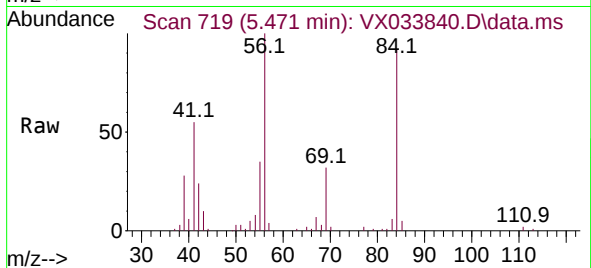
Tgt Ion: 83	Resp: 49599
Ion Ratio	Lower Upper
83 100	
85 67.9	52.1 78.1





#31
Cyclohexane
Concen: 16.854 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

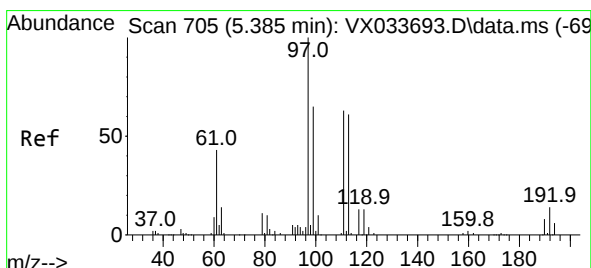
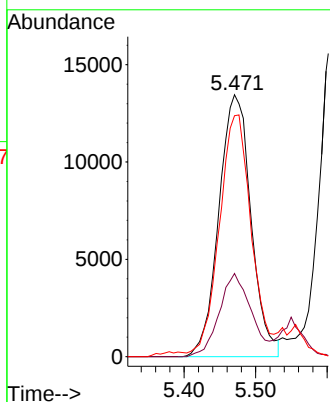
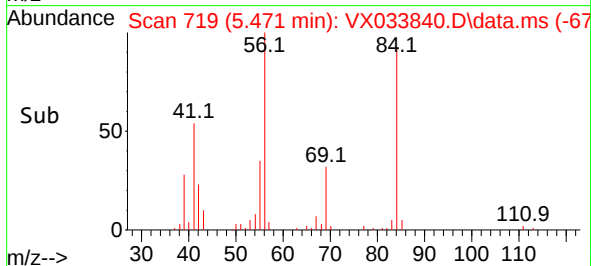
Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01



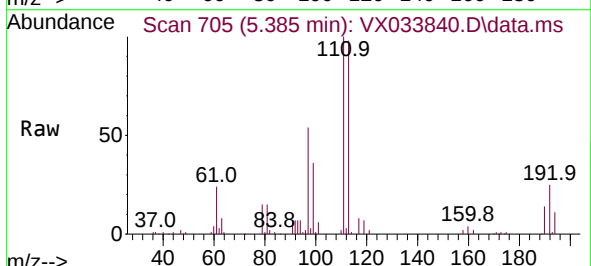
Tgt Ion: 56 Resp: 4206
Ion Ratio Lower Upper
56 100
69 31.8 24.6 37.0
84 90.2 71.0 106.6

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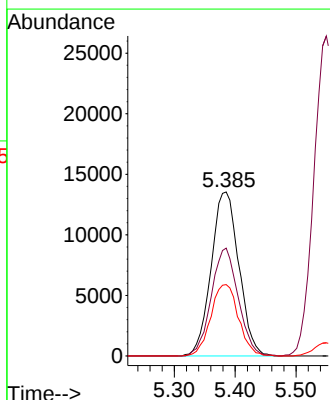
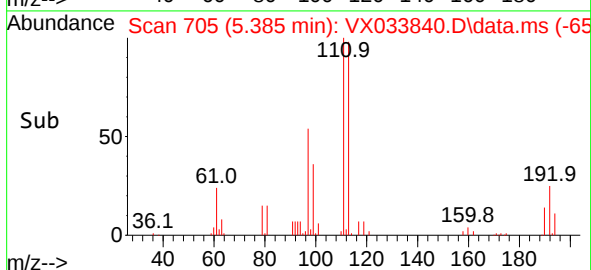
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

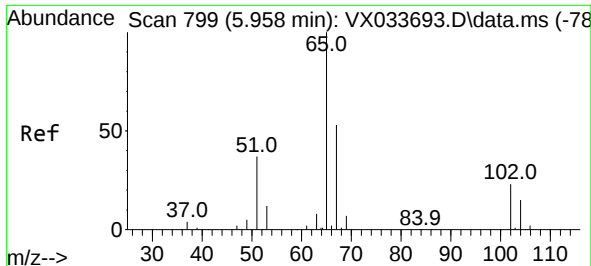


#32
1,1,1-Trichloroethane
Concen: 18.004 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41



Tgt Ion: 97 Resp: 42846
Ion Ratio Lower Upper
97 100
99 63.9 52.3 78.5
61 43.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 45.912 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033840.D

Acq: 23 Jan 2023 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0123WBSD01

Tgt Ion: 65 Resp: 77874

Ion Ratio Lower Upper

65 100

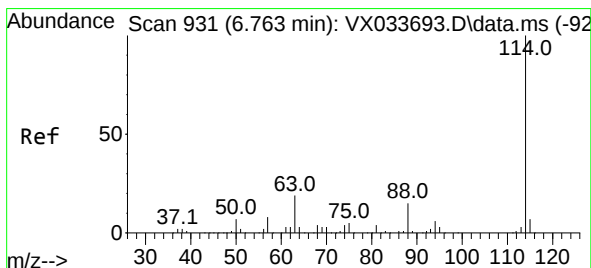
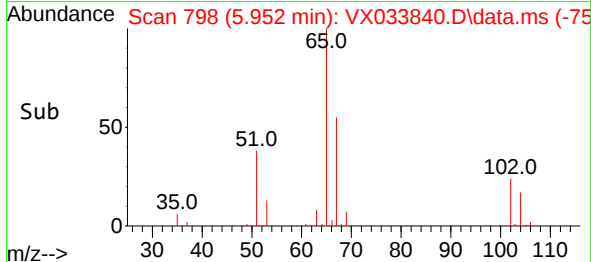
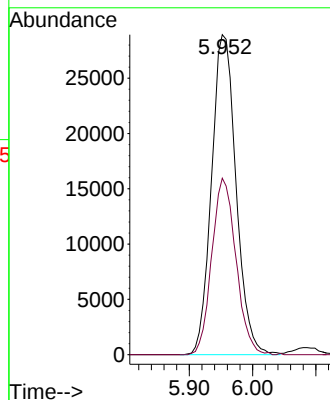
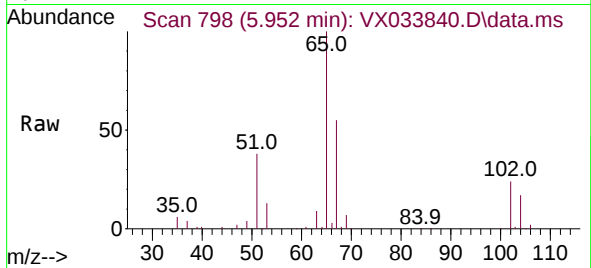
67 54.3 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/27/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033840.D

Acq: 23 Jan 2023 11:41

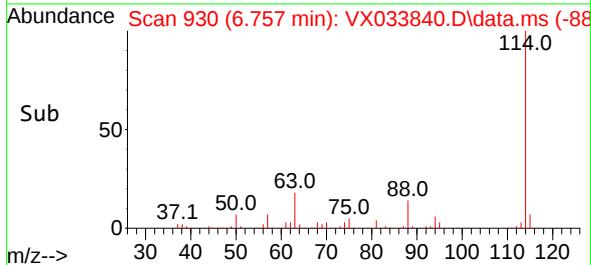
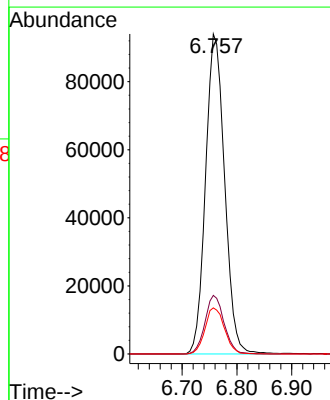
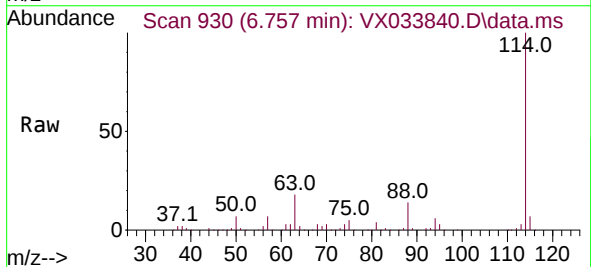
Tgt Ion:114 Resp: 226326

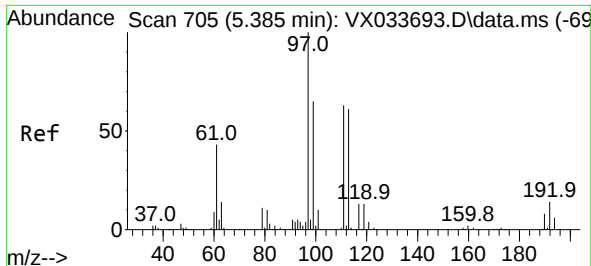
Ion Ratio Lower Upper

114 100

63 18.3 0.0 37.4

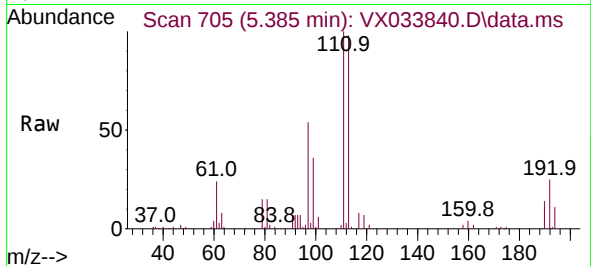
88 14.4 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.560 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

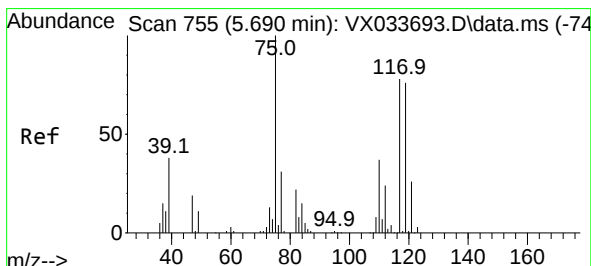
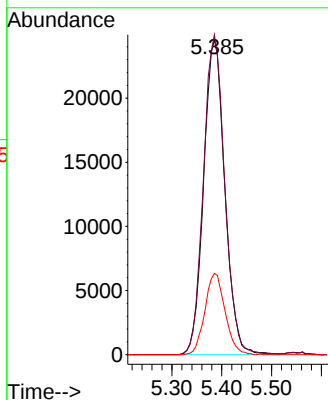
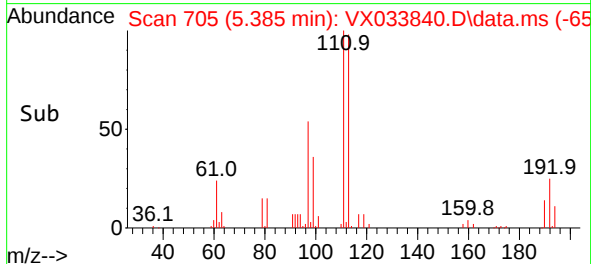
Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01



Tgt Ion: 113 Resp: 7246
Ion Ratio Lower Upper
113 100
111 101.9 83.0 124.6
192 24.6 19.0 28.4

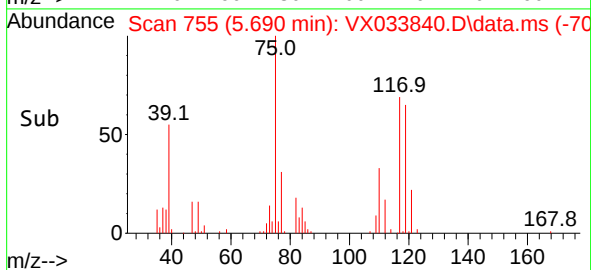
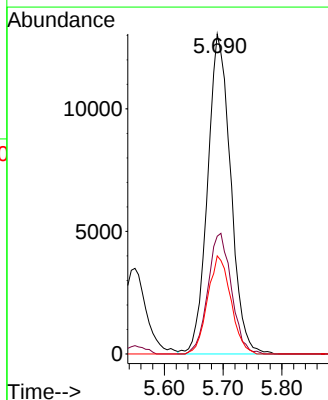
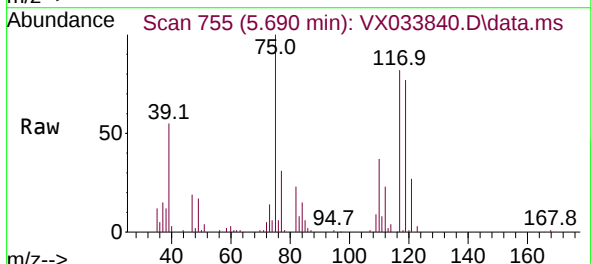
Manual Integrations
APPROVED

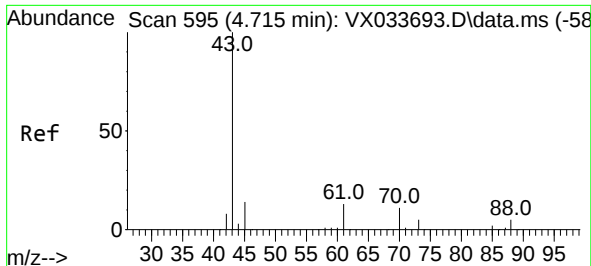
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#36
1,1-Dichloropropene
Concen: 17.354 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

Tgt Ion: 75 Resp: 35594
Ion Ratio Lower Upper
75 100
110 38.4 18.8 56.4
77 30.9 25.1 37.7





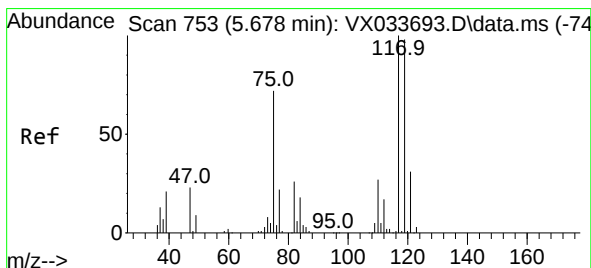
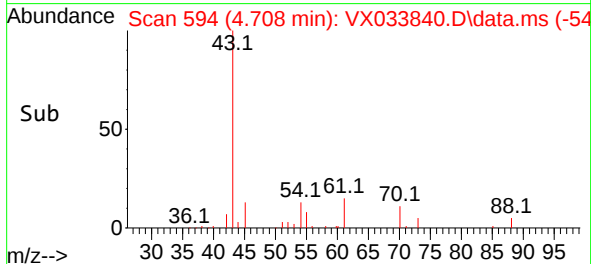
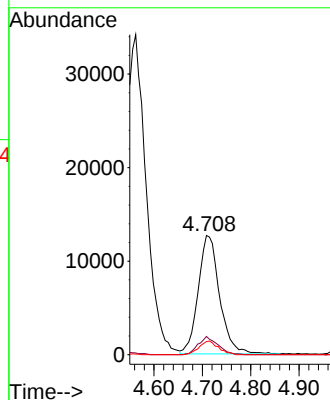
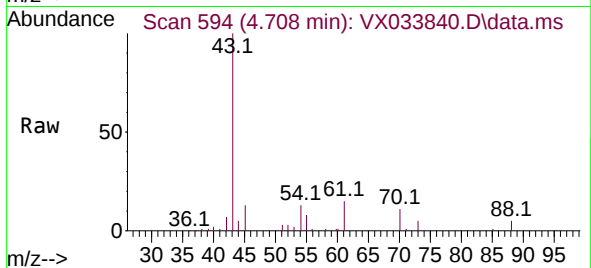
#37
Ethyl Acetate
Concen: 18.114 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.007 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01

Tgt Ion: 43 Resp: 3901
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 10.3 8.5 12.7

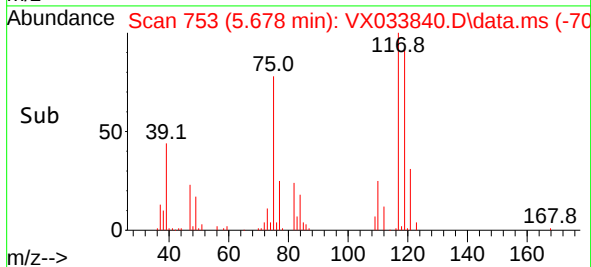
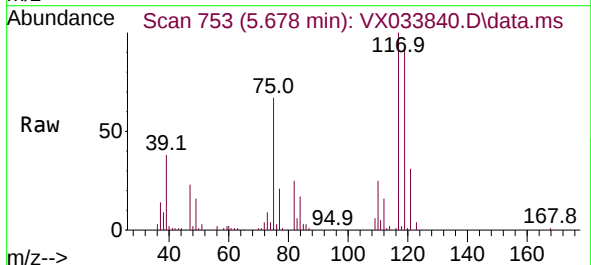
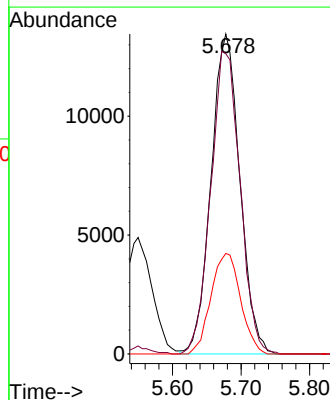
Manual Integrations
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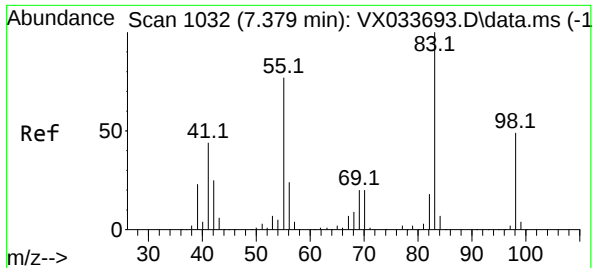
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#38
Carbon Tetrachloride
Concen: 18.495 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

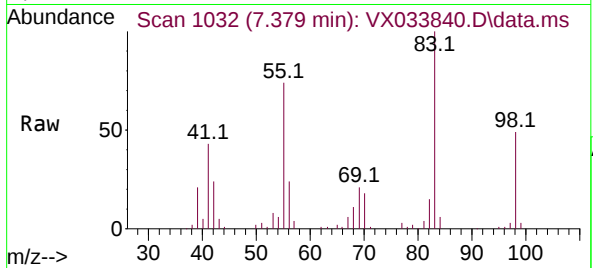
Tgt Ion:117 Resp: 39289
Ion Ratio Lower Upper
117 100
119 93.8 78.0 117.0
121 31.4 24.4 36.6





#39
Methylcyclohexane
Concen: 17.826 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

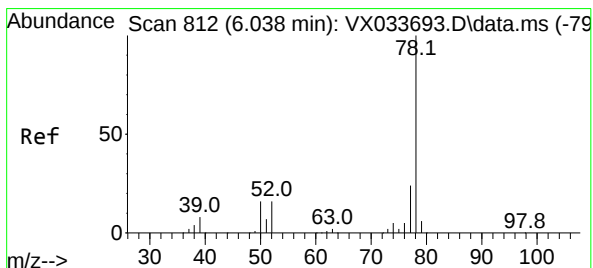
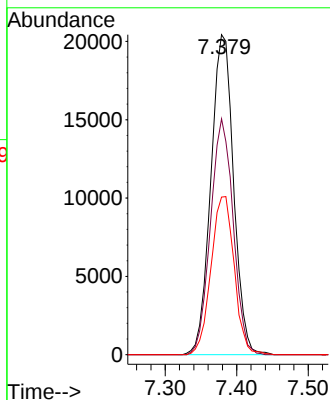
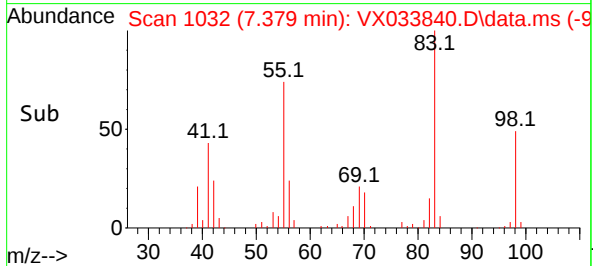
Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01



Tgt Ion: 83 Resp: 4515
Ion Ratio Lower Upper
83 100
55 73.7 61.8 92.6
98 49.2 39.3 58.9

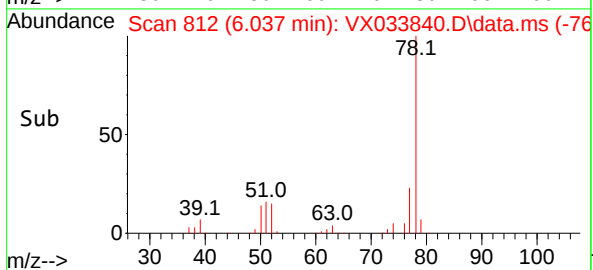
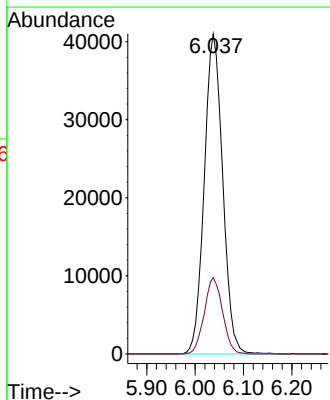
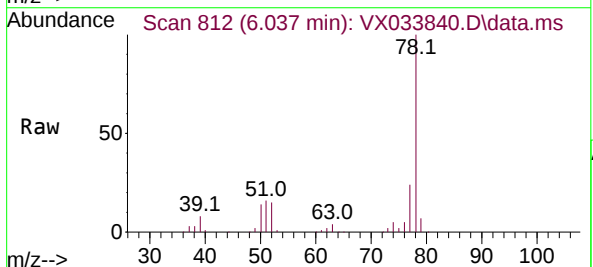
Manual Integrations
APPROVED

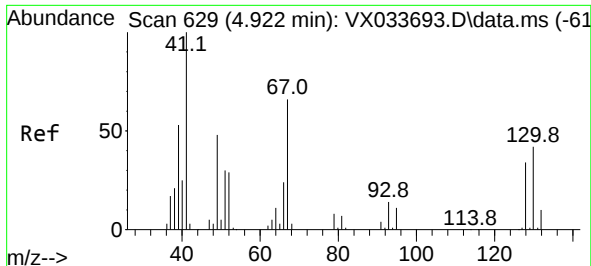
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#40
Benzene
Concen: 18.139 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

Tgt Ion: 78 Resp: 108442
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4





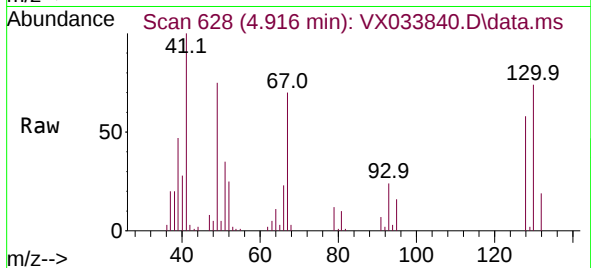
#41
Methacrylonitrile
Concen: 19.408 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0123WBSD01



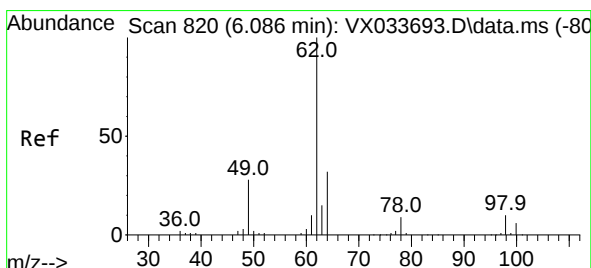
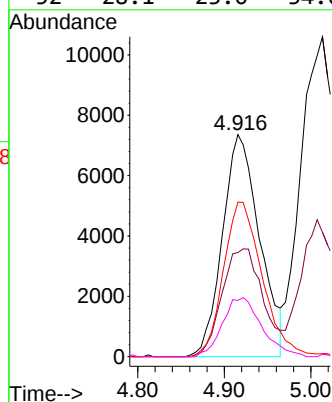
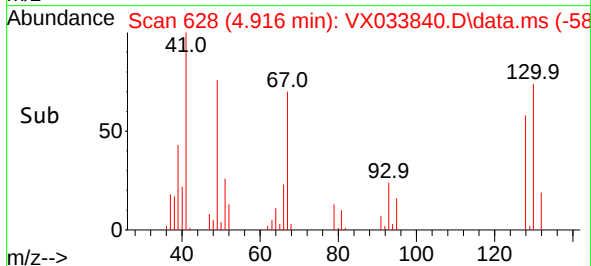
Tgt Ion: 41 Resp: 21930
Ion Ratio Lower Upper
41 100
39 53.1 43.8 65.6
67 73.1 54.8 82.2
52 28.1 23.0 34.6

Manual Integrations

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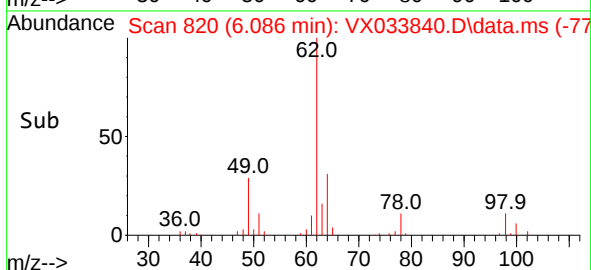
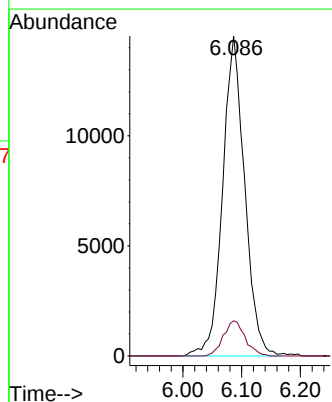
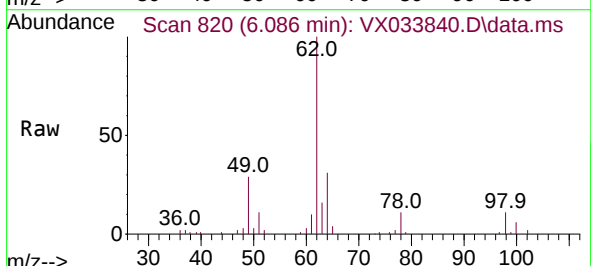
Reviewed By :John Carlone 01/24/2023

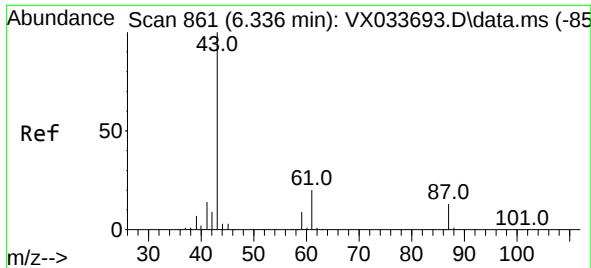
Supervised By :Mahesh Dadoda 01/27/2023



#42
1,2-Dichloroethane
Concen: 17.881 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

Tgt Ion: 62 Resp: 37884
Ion Ratio Lower Upper
62 100
98 10.8 0.0 20.2





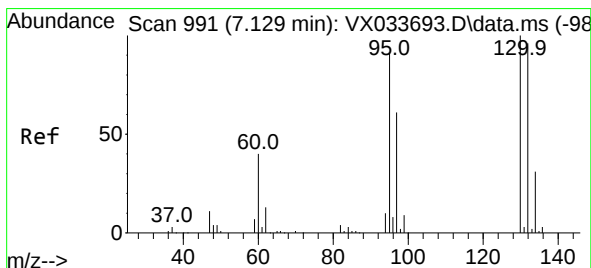
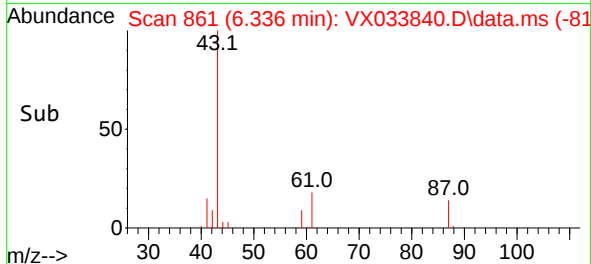
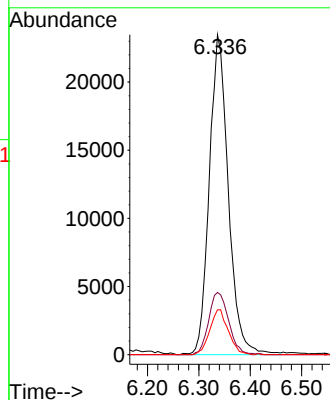
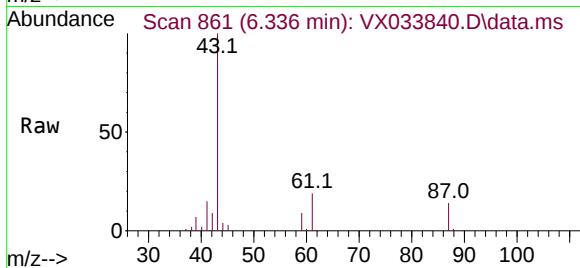
#43
Isopropyl Acetate
Concen: 18.633 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01

Tgt Ion: 43 Resp: 60335
Ion Ratio Lower Upper
43 100
61 20.4 15.7 23.5
87 13.7 10.6 15.8

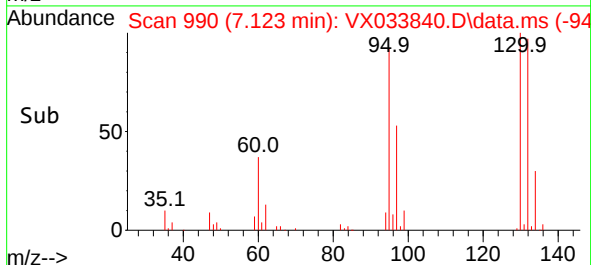
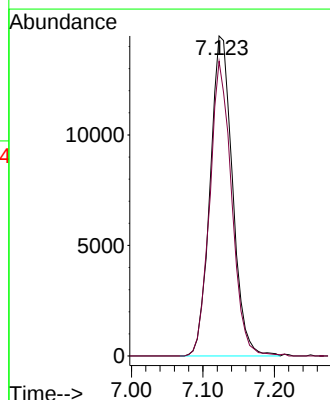
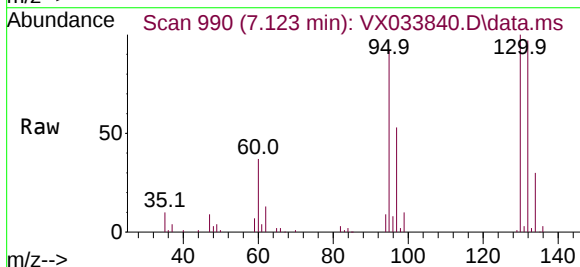
Manual Integrations
APPROVED

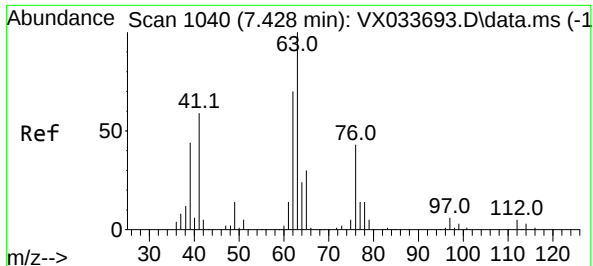
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#44
Trichloroethene
Concen: 18.851 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

Tgt Ion:130 Resp: 31514
Ion Ratio Lower Upper
130 100
95 92.1 0.0 182.6





#45

1,2-Dichloropropane

Concen: 18.481 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX033840.D

Acq: 23 Jan 2023 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0123WBSD01

Tgt Ion: 63 Resp: 27678

Ion Ratio Lower Upper

63 100

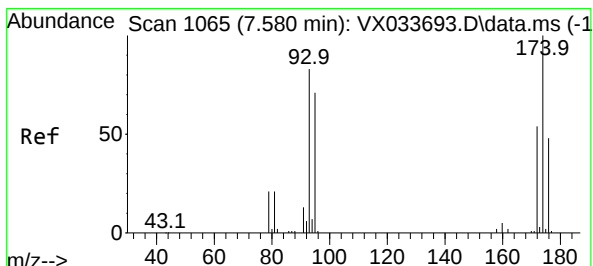
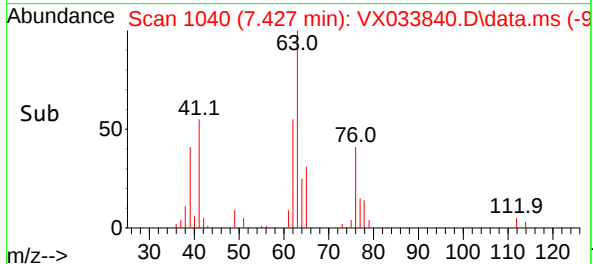
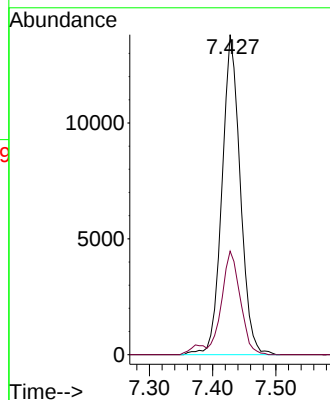
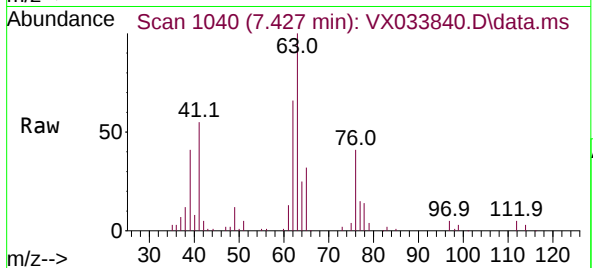
65 32.4 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/27/2023



#46

Dibromomethane

Concen: 18.963 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX033840.D

Acq: 23 Jan 2023 11:41

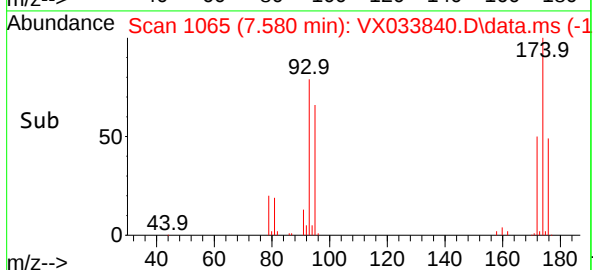
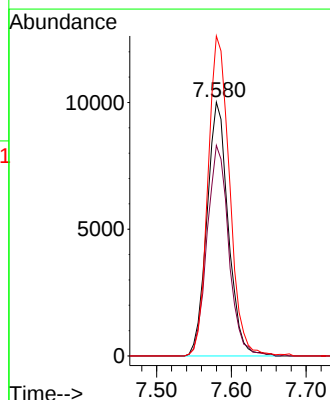
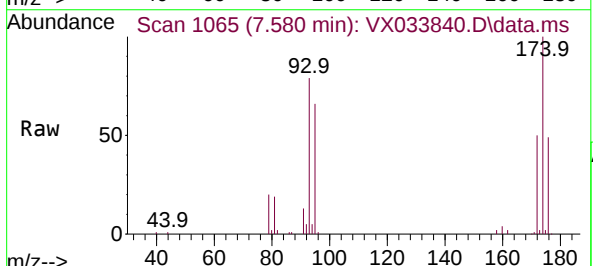
Tgt Ion: 93 Resp: 19837

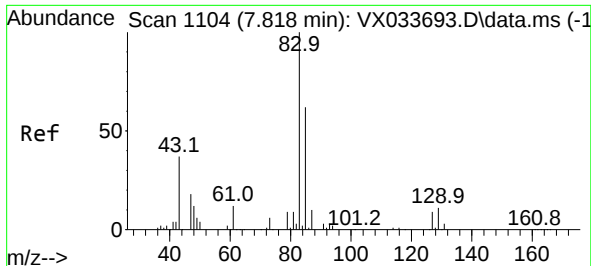
Ion Ratio Lower Upper

93 100

95 84.4 67.6 101.4

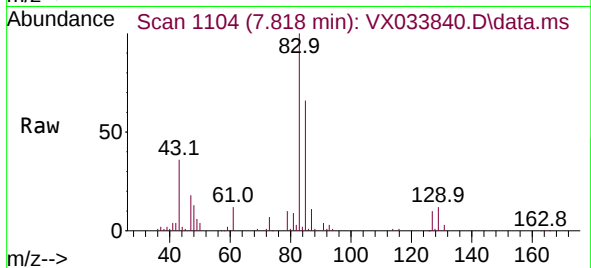
174 127.7 97.4 146.0





#47
Bromodichloromethane
Concen: 19.849 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

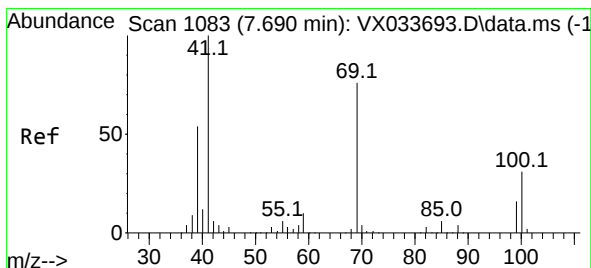
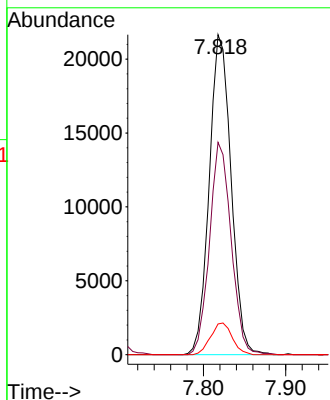
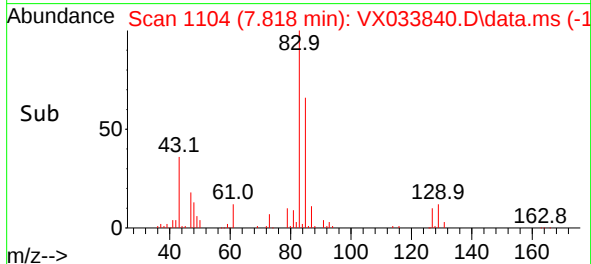
Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01



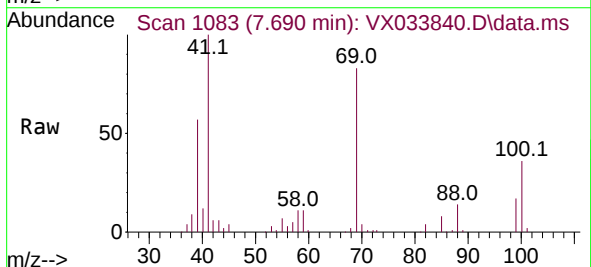
Tgt Ion: 83 Resp: 40014
Ion Ratio Lower Upper
83 100
85 66.3 49.8 74.6
127 9.6 7.0 10.4

Manual Integrations
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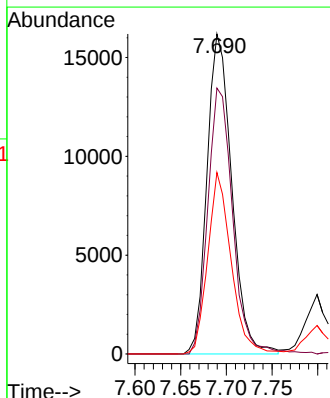
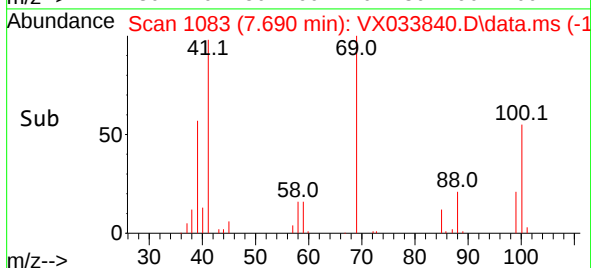
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

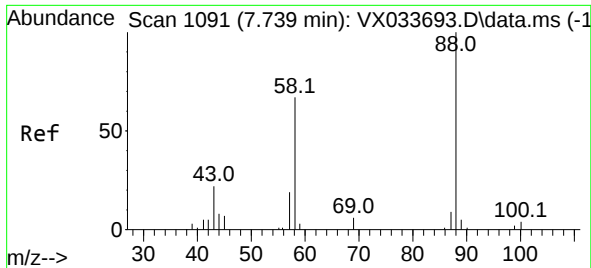


#48
Methyl methacrylate
Concen: 18.708 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41



Tgt Ion: 41 Resp: 30514
Ion Ratio Lower Upper
41 100
69 83.4 63.1 94.7
39 53.6 43.2 64.8





#49

1,4-Dioxane

Concen: 315.525 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. -0.031 min

Lab File: VX033840.D

Acq: 23 Jan 2023 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0123WBSD01

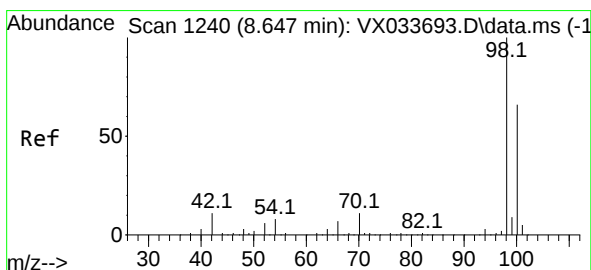
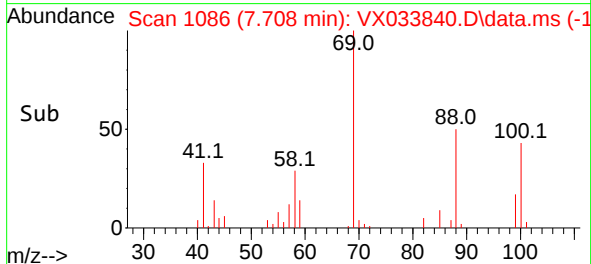
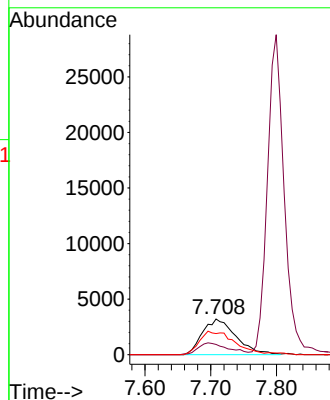
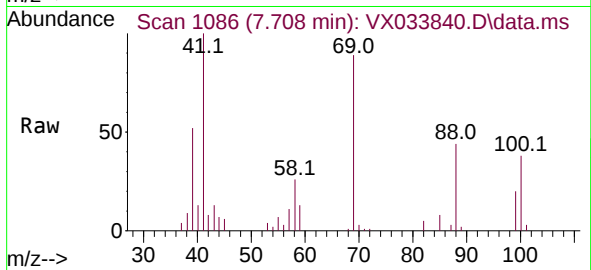
Tgt Ion: 88 Resp: 11384
 Ion Ratio Lower Upper
 88 100
 43 30.0 0.0 0.0
 58 67.6 56.5 84.7

Manual Integrations

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Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/27/2023



#50

Toluene-d8

Concen: 50.280 ug/l

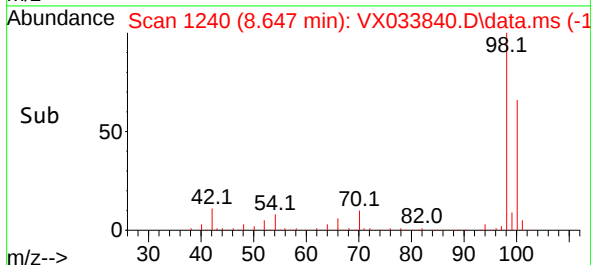
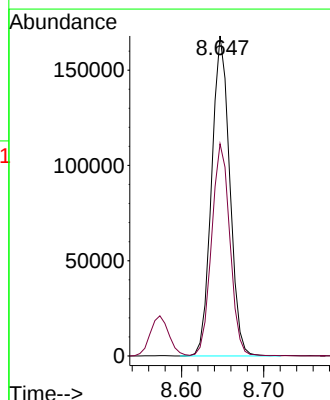
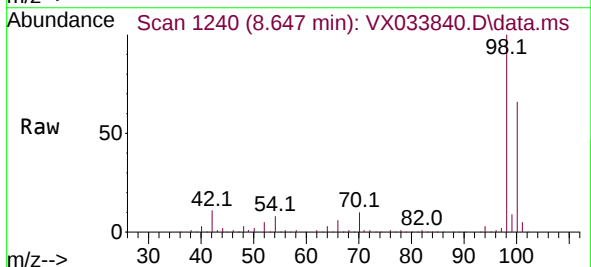
RT: 8.647 min Scan# 1240

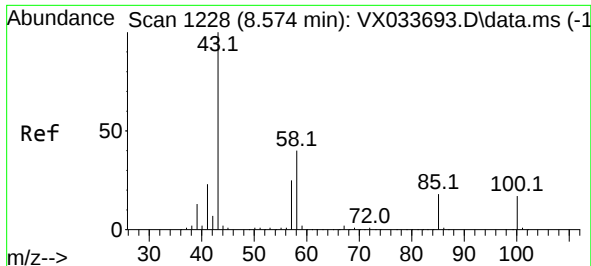
Delta R.T. -0.000 min

Lab File: VX033840.D

Acq: 23 Jan 2023 11:41

Tgt Ion: 98 Resp: 257456
 Ion Ratio Lower Upper
 98 100
 100 66.5 53.6 80.4





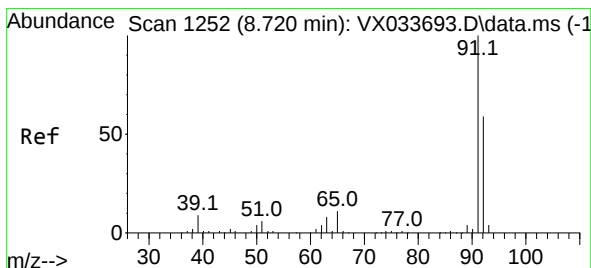
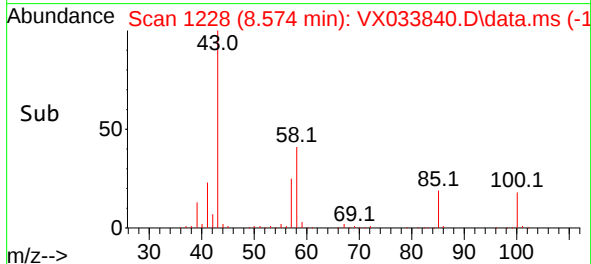
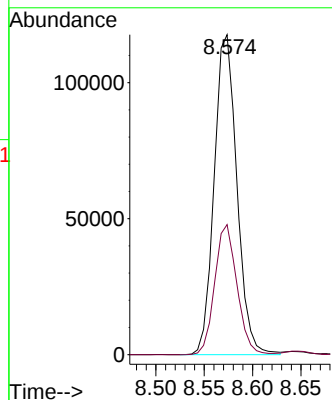
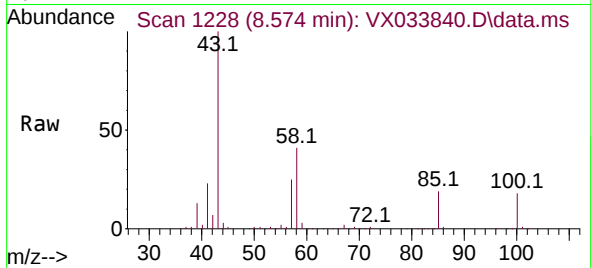
#51
4-Methyl-2-Pentanone
Concen: 96.497 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01

Tgt Ion: 43 Resp: 191894
Ion Ratio Lower Upper
43 100
58 39.9 31.2 46.8

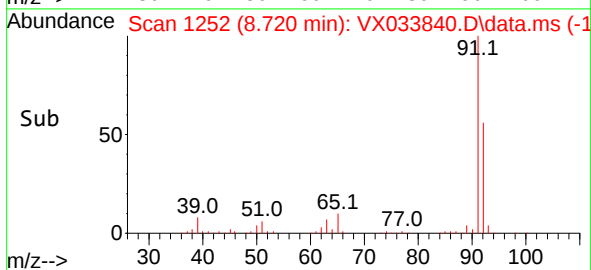
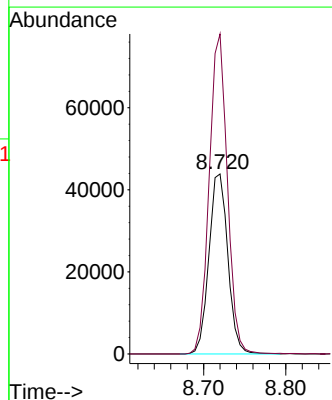
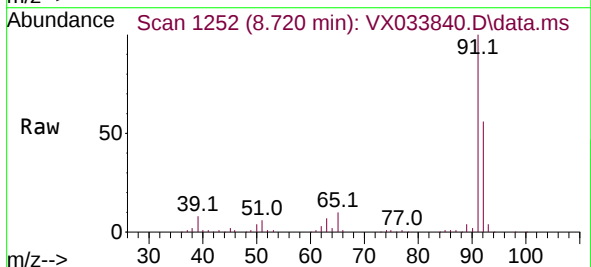
Manual Integrations
APPROVED

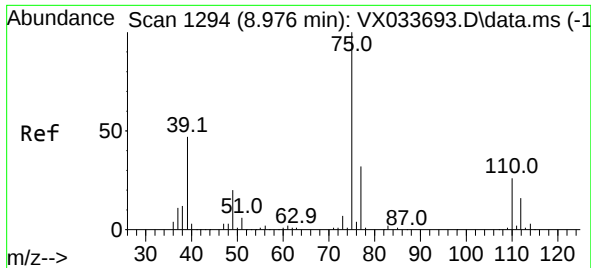
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#52
Toluene
Concen: 18.190 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

Tgt Ion: 92 Resp: 70228
Ion Ratio Lower Upper
92 100
91 170.5 135.5 203.3





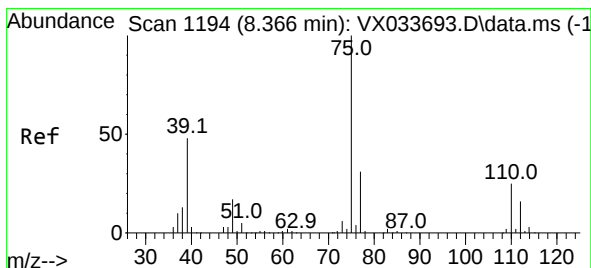
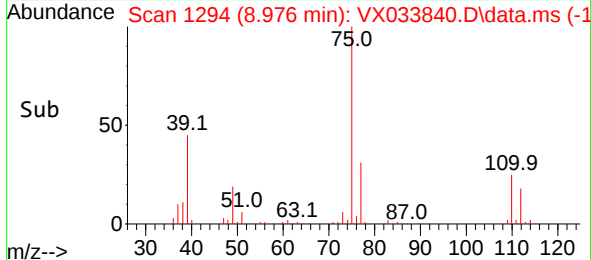
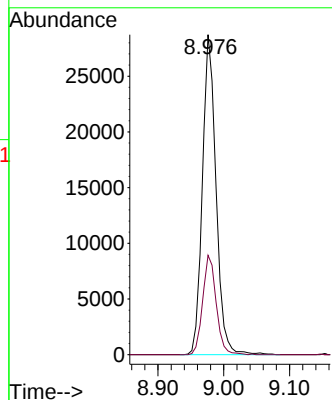
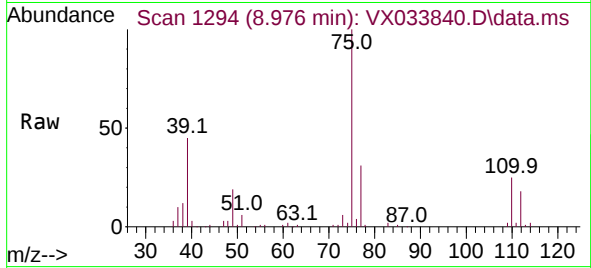
#53
t-1,3-Dichloropropene
Concen: 20.515 ug/l
RT: 8.976 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01

Tgt Ion: 75 Resp: 41360
Ion Ratio Lower Upper
75 100
77 31.1 25.5 38.3

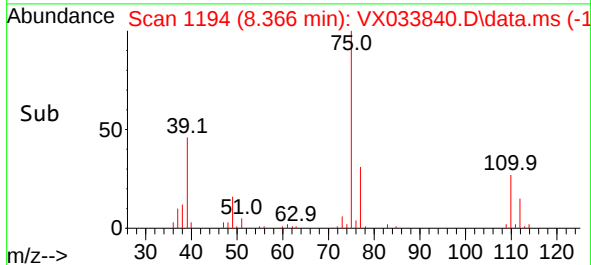
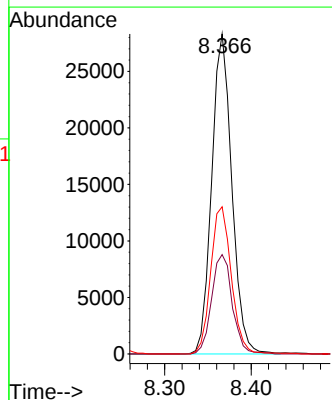
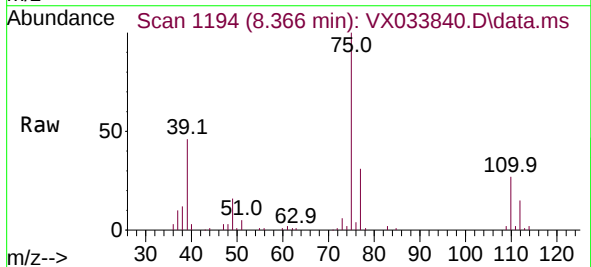
Manual Integrations
APPROVED

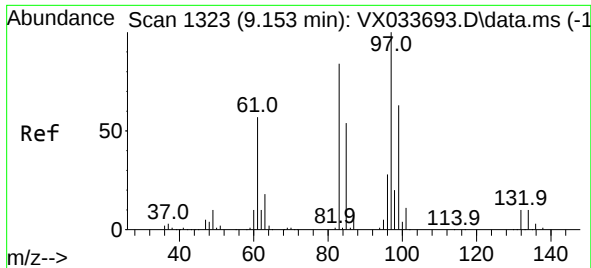
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#54
cis-1,3-Dichloropropene
Concen: 20.222 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

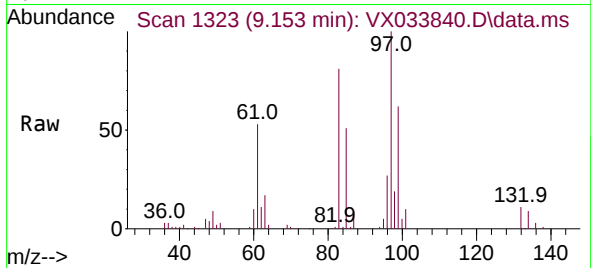
Tgt Ion: 75 Resp: 45681
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.6
39 46.0 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 19.266 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

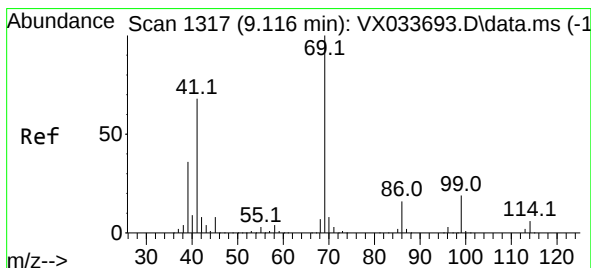
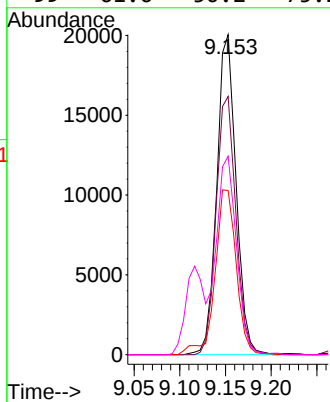
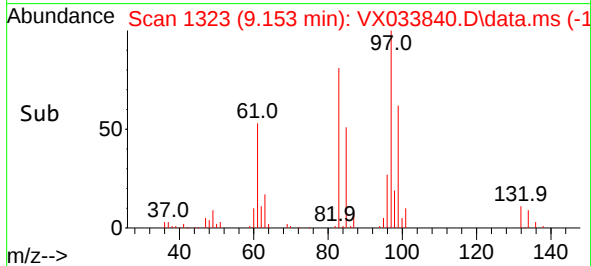
Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01



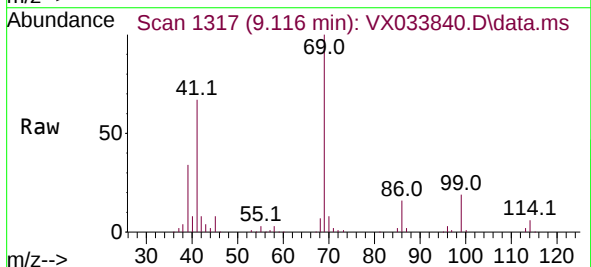
Tgt Ion: 97 Resp: 2944
Ion Ratio Lower Upper
97 100
83 80.7 67.4 101.0
85 51.3 43.2 64.8
99 61.6 50.2 75.2

Manual Integrations
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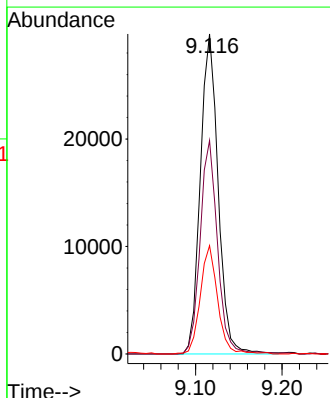
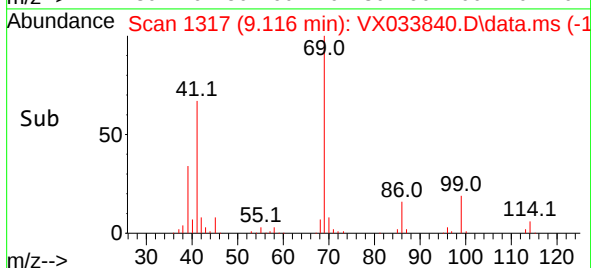
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

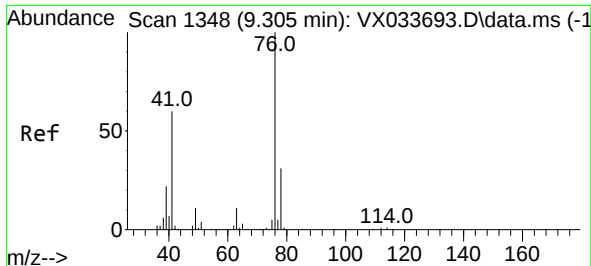


#56
Ethyl methacrylate
Concen: 19.809 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41



Tgt Ion: 69 Resp: 42604
Ion Ratio Lower Upper
69 100
41 65.1 55.1 82.7
39 33.1 28.5 42.7





#57

1,3-Dichloropropane

Concen: 19.716 ug/l

RT: 9.305 min Scan# 1148

Delta R.T. -0.000 min

Lab File: VX033840.D

Acq: 23 Jan 2023 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0123WBSD01

Tgt Ion: 76 Resp: 4885

Ion Ratio Lower Upper

76 100

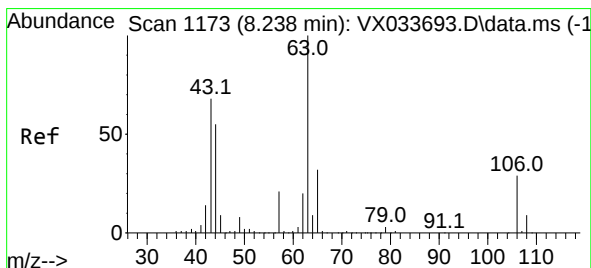
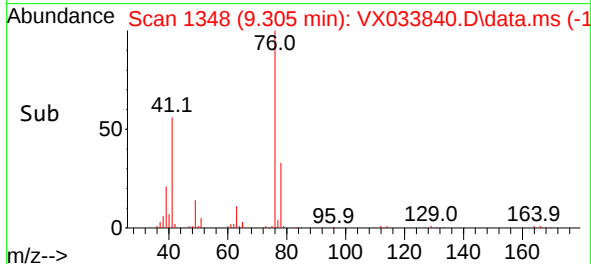
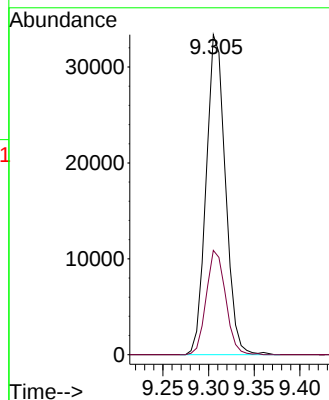
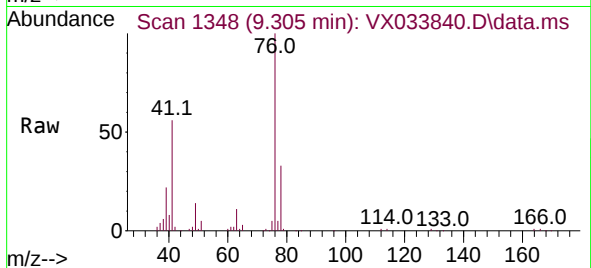
78 32.7 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/27/2023



#58

2-Chloroethyl Vinyl ether

Concen: 96.370 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX033840.D

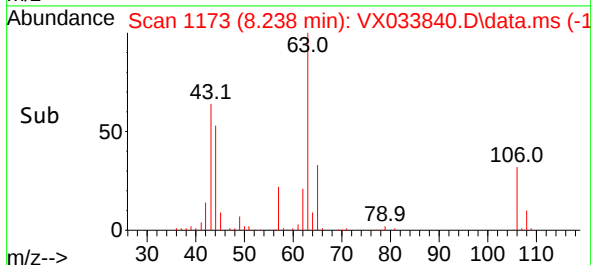
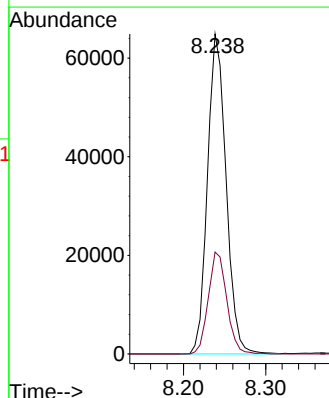
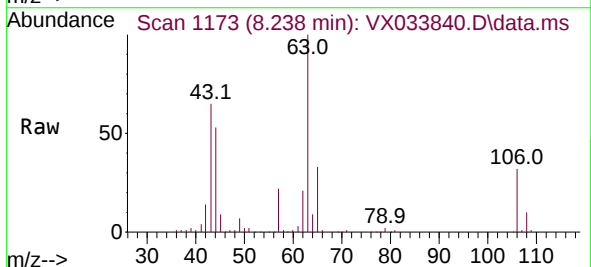
Acq: 23 Jan 2023 11:41

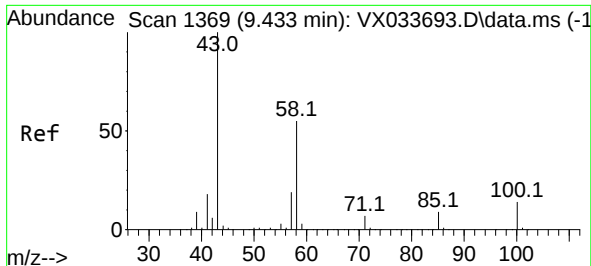
Tgt Ion: 63 Resp: 102075

Ion Ratio Lower Upper

63 100

106 31.6 24.5 36.7





#59

2-Hexanone

Concen: 101.191 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX033840.D

Acq: 23 Jan 2023 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0123WBSD01

Tgt Ion: 43 Resp: 140059

Ion Ratio Lower Upper

43 100

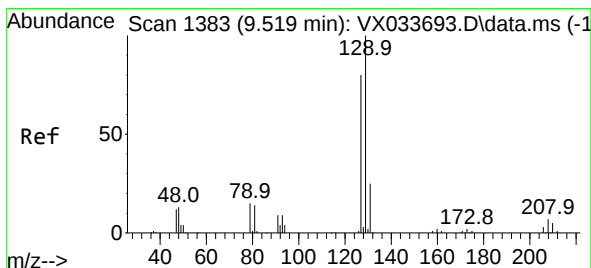
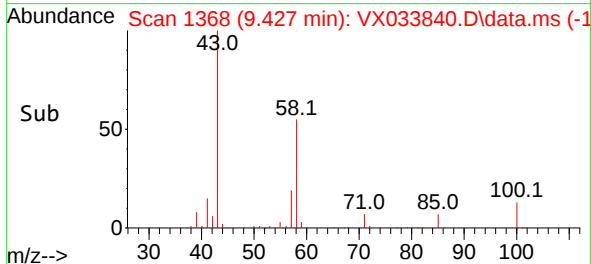
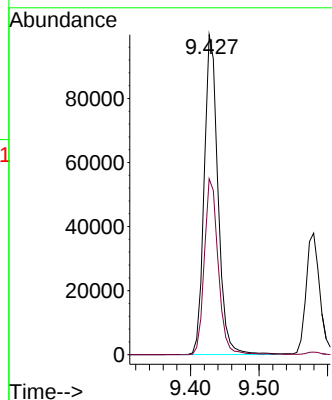
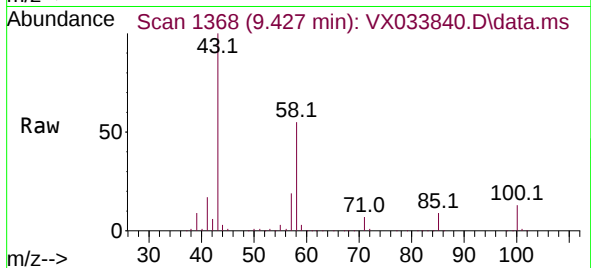
58 55.1 27.4 82.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/27/2023



#60

Dibromochloromethane

Concen: 22.615 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX033840.D

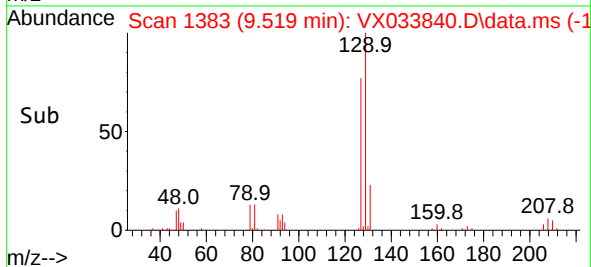
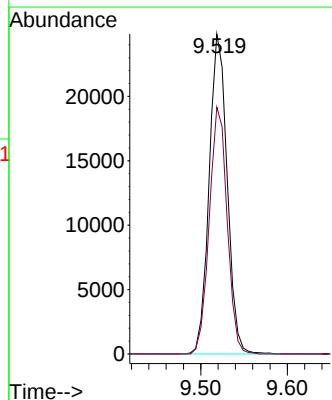
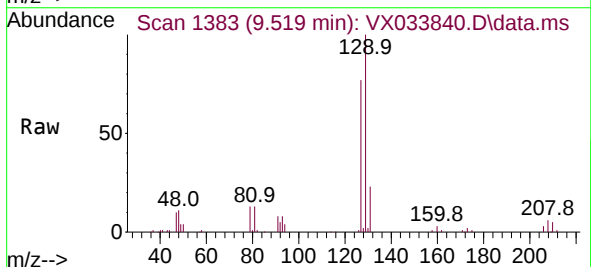
Acq: 23 Jan 2023 11:41

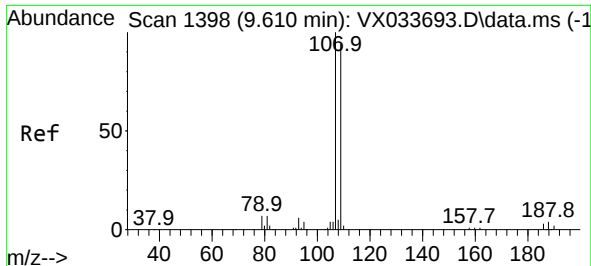
Tgt Ion:129 Resp: 35831

Ion Ratio Lower Upper

129 100

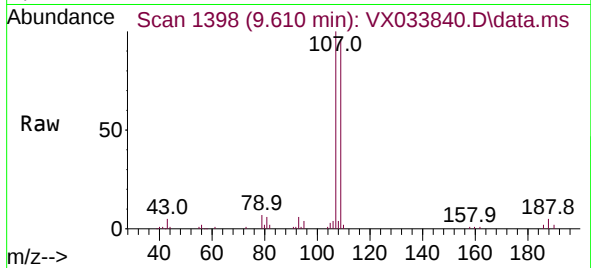
127 76.5 38.8 116.3





#61
1,2-Dibromoethane
Concen: 20.884 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

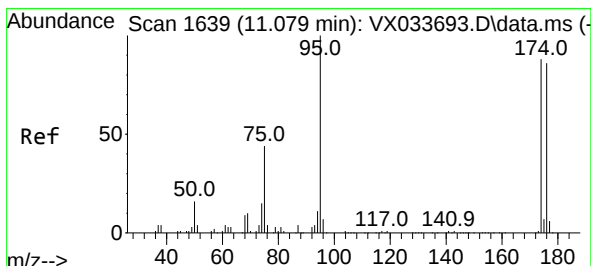
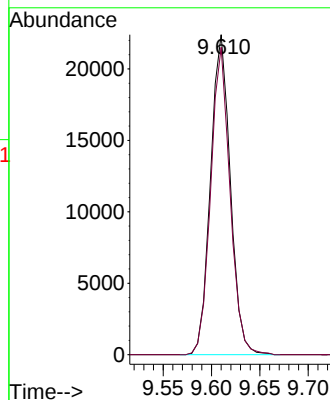
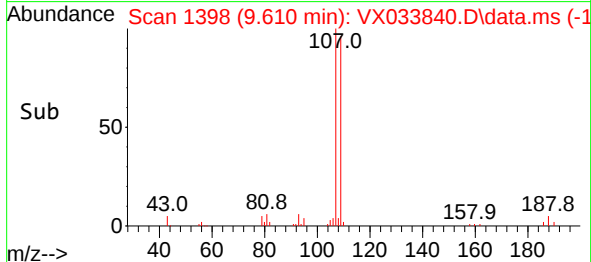
Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01



Tgt Ion:107 Resp: 31852
Ion Ratio Lower Upper
107 100
109 94.0 74.2 111.2

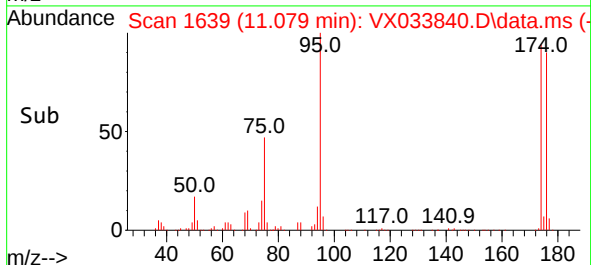
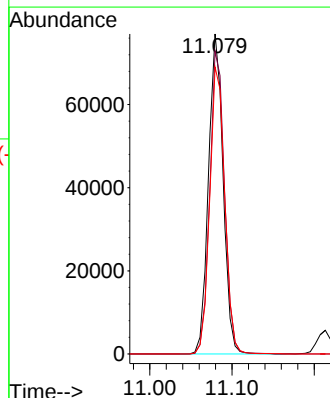
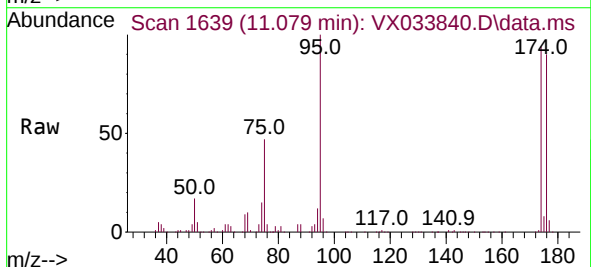
Manual Integrations
APPROVED

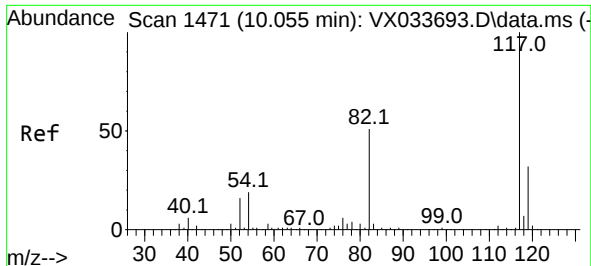
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#62
4-Bromofluorobenzene
Concen: 50.056 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

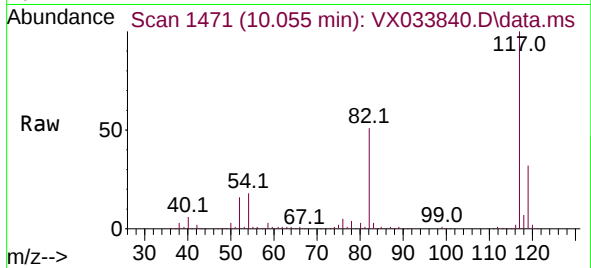
Tgt Ion: 95 Resp: 95164
Ion Ratio Lower Upper
95 100
174 95.5 0.0 184.4
176 91.9 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

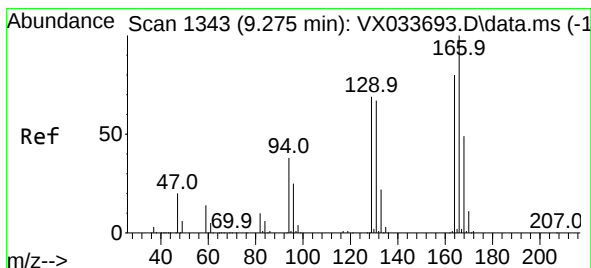
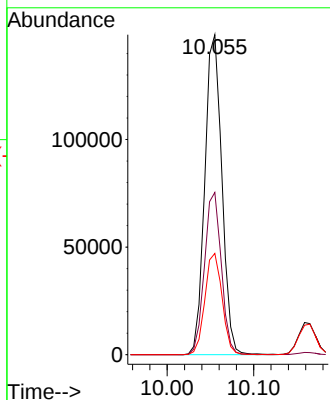
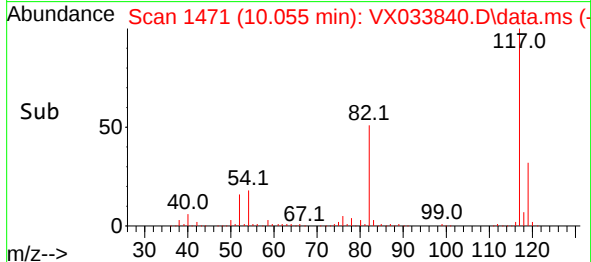
Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01



Tgt Ion:117 Resp: 203820
Ion Ratio Lower Upper
117 100
82 50.7 40.6 60.8
119 31.6 25.6 38.4

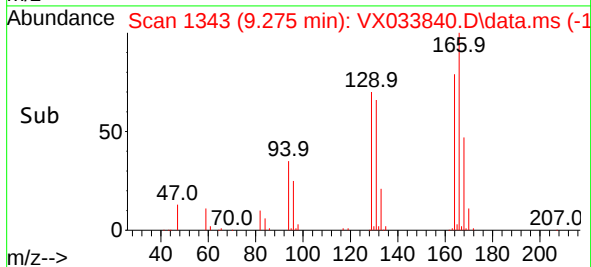
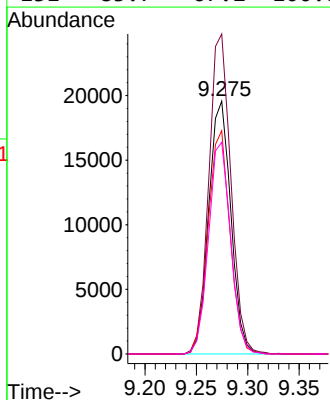
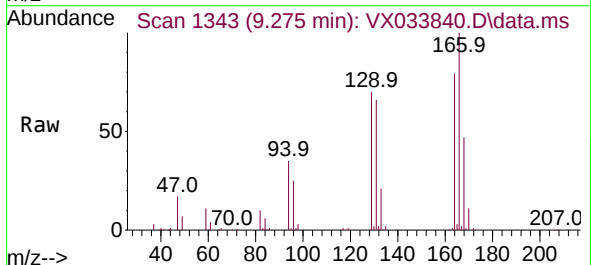
Manual Integrations
APPROVED

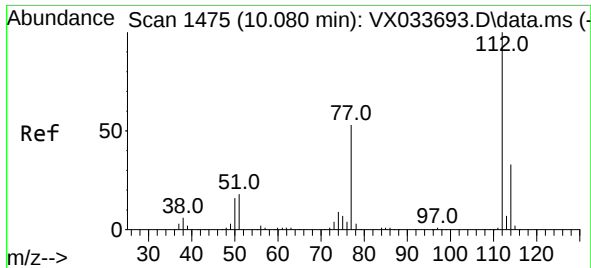
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#64
Tetrachloroethene
Concen: 19.534 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

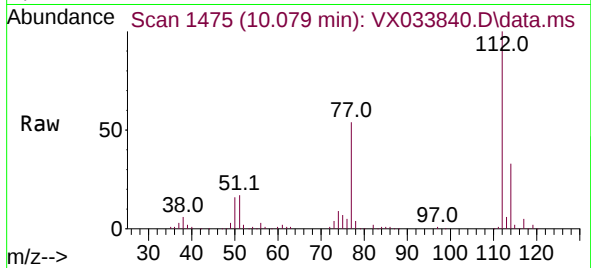
Tgt Ion:164 Resp: 29362
Ion Ratio Lower Upper
164 100
166 126.6 100.2 150.2
129 88.3 69.2 103.8
131 83.7 67.2 100.8





#65
Chlorobenzene
Concen: 18.766 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

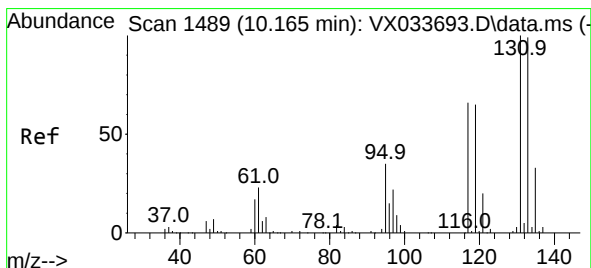
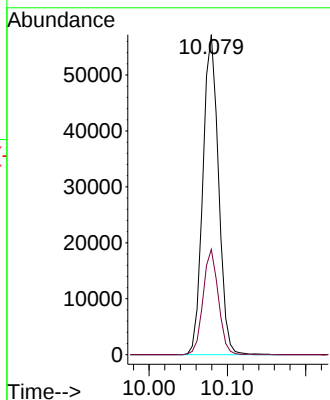
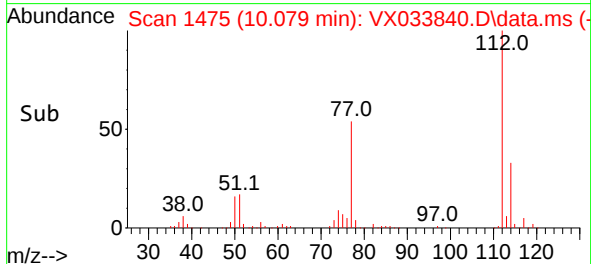
Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01



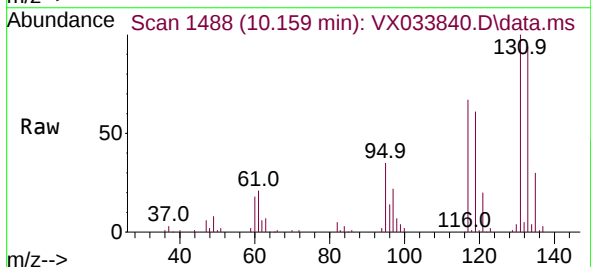
Tgt Ion:112 Resp: 7918
Ion Ratio Lower Upper
112 100
114 32.9 26.2 39.4

Manual Integrations
APPROVED

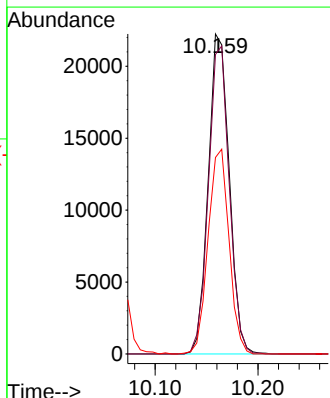
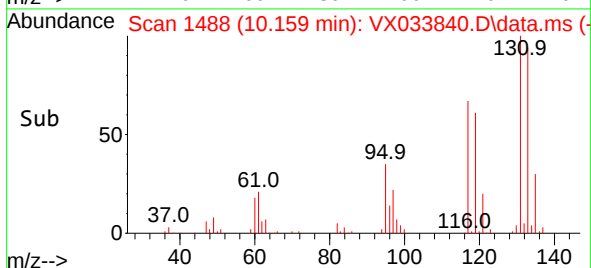
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

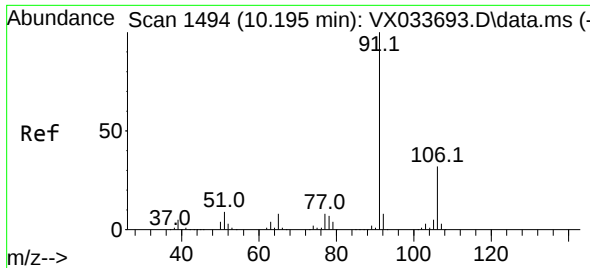


#66
1,1,1,2-Tetrachloroethane
Concen: 20.336 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41



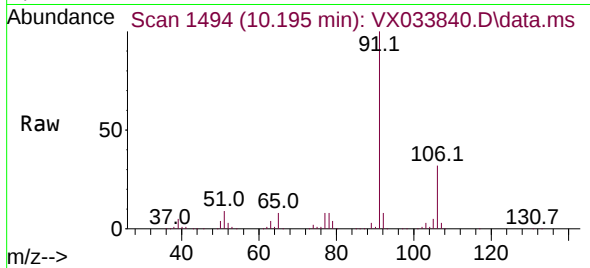
Tgt Ion:131 Resp: 31579
Ion Ratio Lower Upper
131 100
133 95.7 48.4 145.0
119 63.9 31.9 95.7





#67
Ethyl Benzene
Concen: 18.386 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

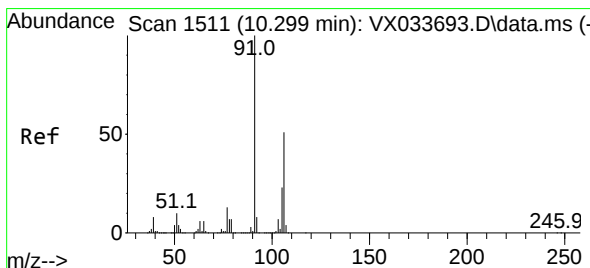
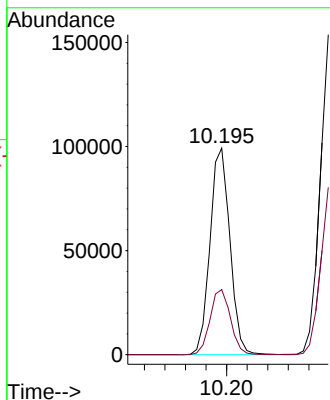
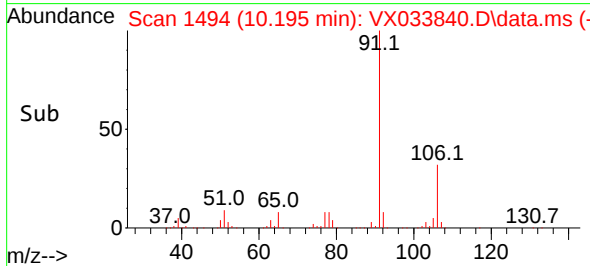
Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01



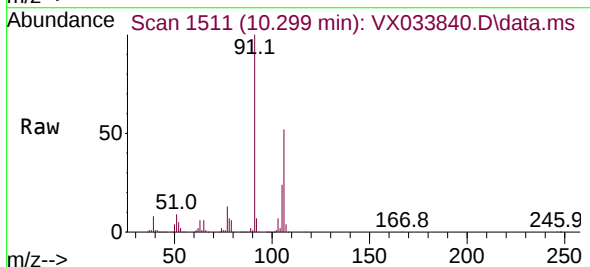
Tgt Ion: 91 Resp: 133190
Ion Ratio Lower Upper
91 100
106 31.5 25.8 38.8

Manual Integrations
APPROVED

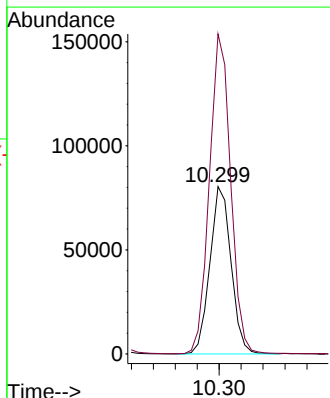
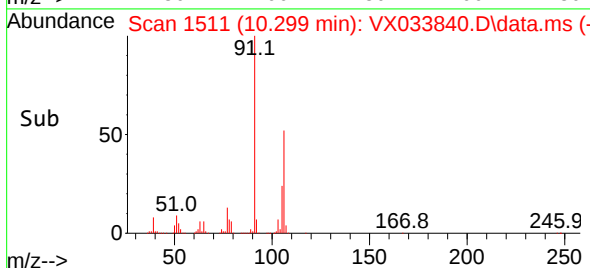
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

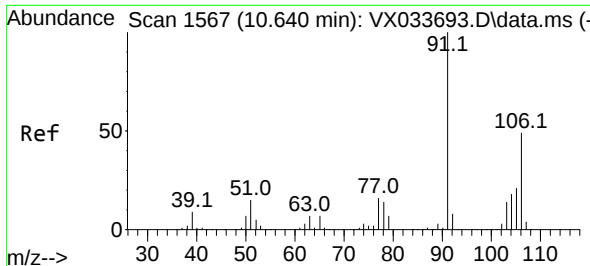


#68
m/p-Xylenes
Concen: 38.083 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41



Tgt Ion:106 Resp: 107914
Ion Ratio Lower Upper
106 100
91 192.1 156.4 234.6





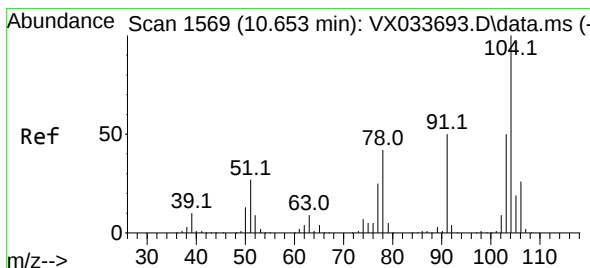
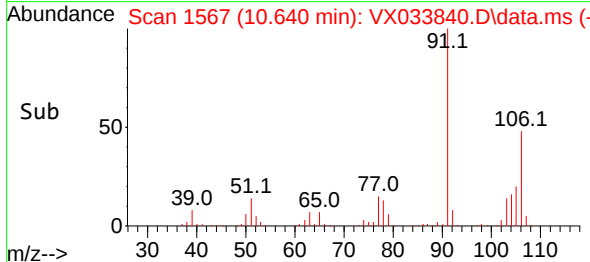
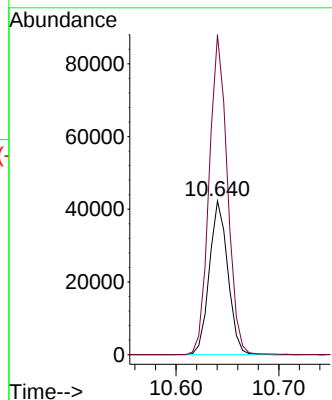
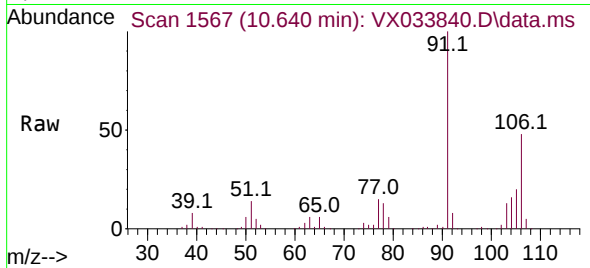
#69
o-Xylene
Concen: 18.804 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01

Tgt Ion:106 Resp: 5284
Ion Ratio Lower Upper
106 100
91 206.2 103.1 309.3

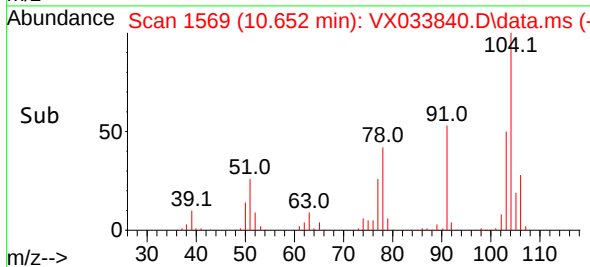
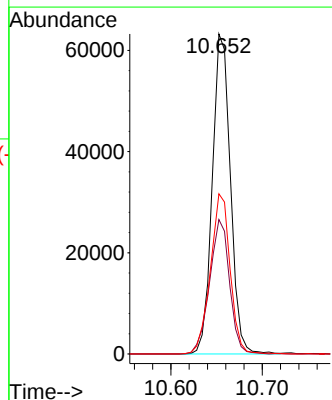
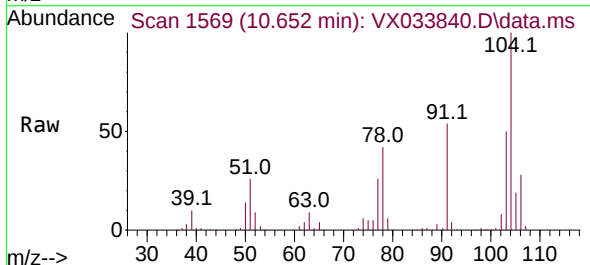
Manual Integrations
APPROVED

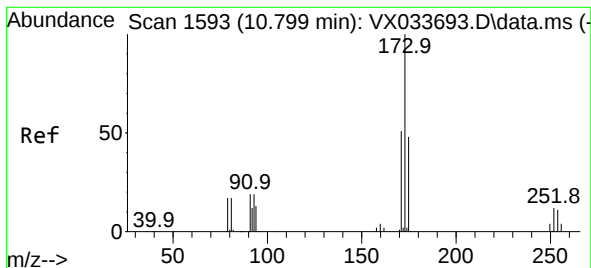
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#70
Styrene
Concen: 19.052 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

Tgt Ion:104 Resp: 87074
Ion Ratio Lower Upper
104 100
78 46.1 37.5 56.3
103 54.5 43.3 64.9





#71

Bromoform

Concen: 22.364 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX033840.D

Acq: 23 Jan 2023 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0123WBSD01

Tgt Ion:173 Resp: 2910

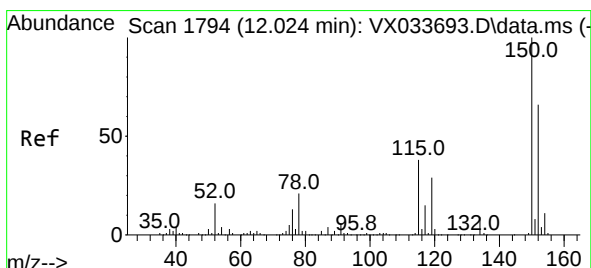
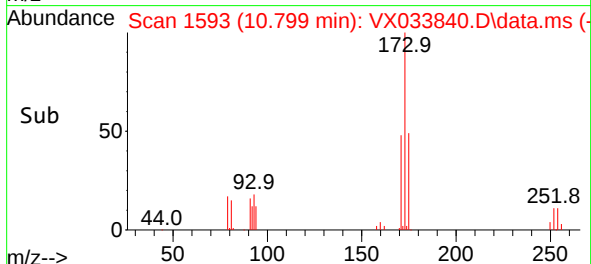
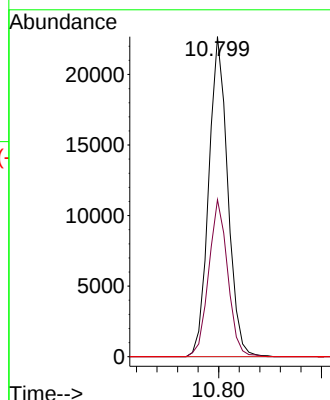
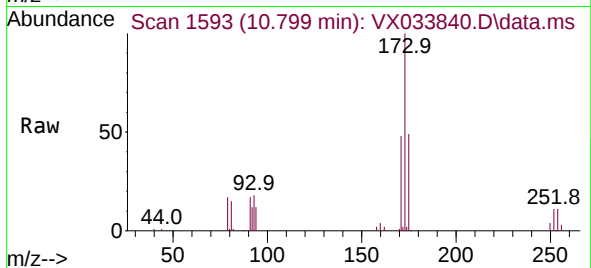
Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.1	72.3
254	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/27/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

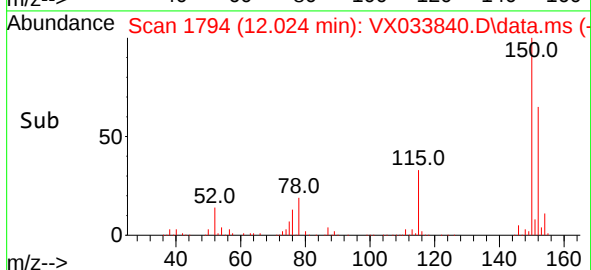
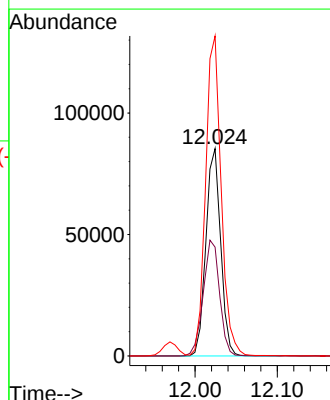
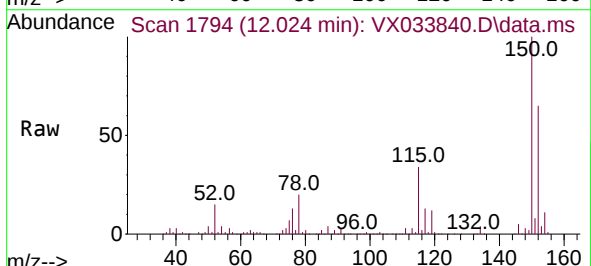
Delta R.T. -0.000 min

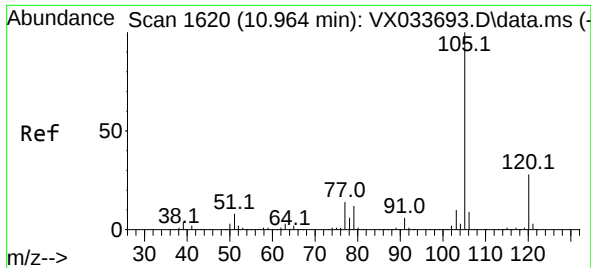
Lab File: VX033840.D

Acq: 23 Jan 2023 11:41

Tgt Ion:152 Resp: 106615

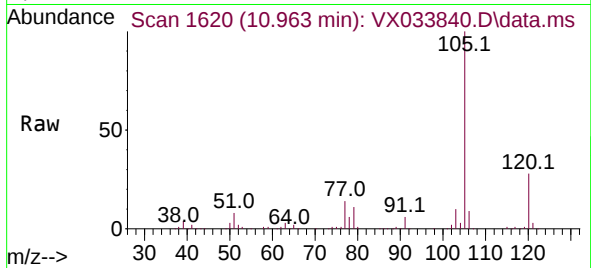
Ion	Ratio	Lower	Upper
152	100		
115	61.7	38.7	116.1
150	162.6	0.0	348.2





#73
Isopropylbenzene
Concen: 17.984 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

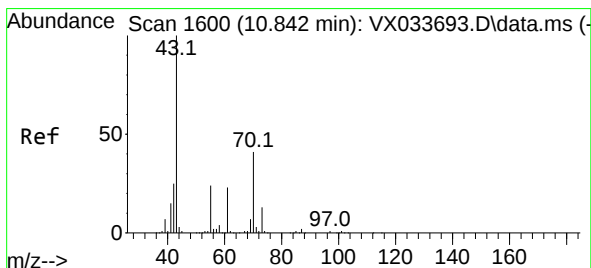
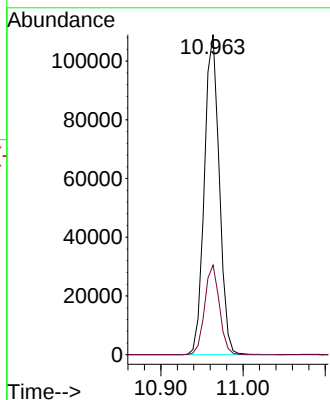
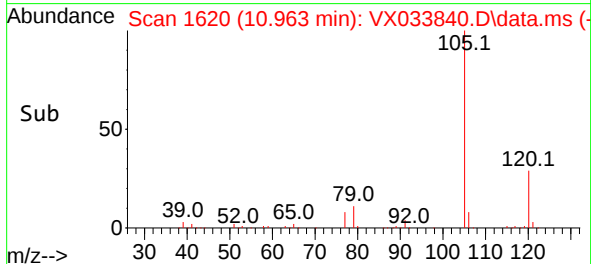
Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01



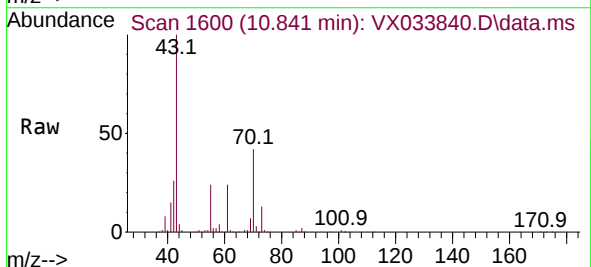
Tgt Ion:105 Resp: 137454
Ion Ratio Lower Upper
105 100
120 27.6 13.6 40.8

Manual Integrations
APPROVED

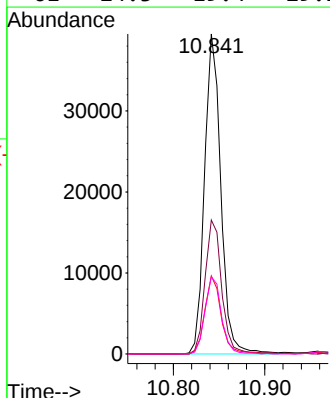
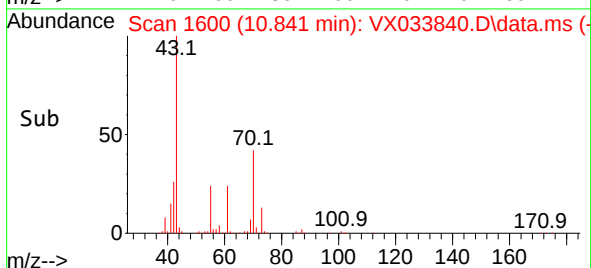
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

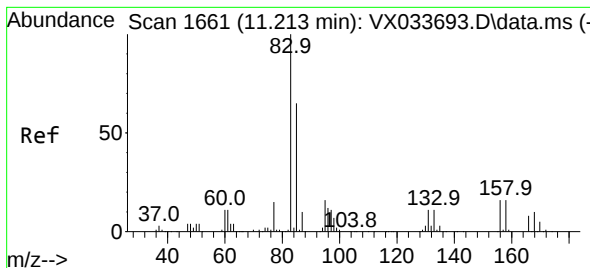


#74
N-ethyl acetate
Concen: 17.430 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41



Tgt Ion: 43 Resp: 48798
Ion Ratio Lower Upper
43 100
70 43.1 34.8 52.2
55 24.8 19.4 29.0
61 24.3 19.4 29.2





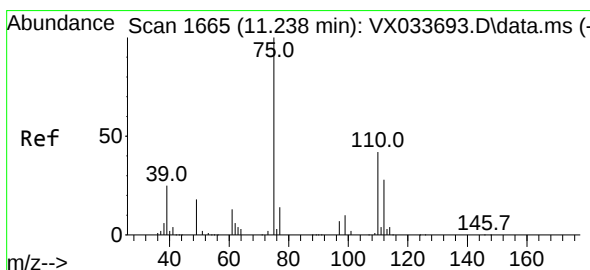
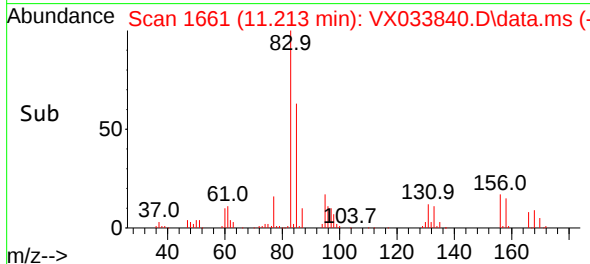
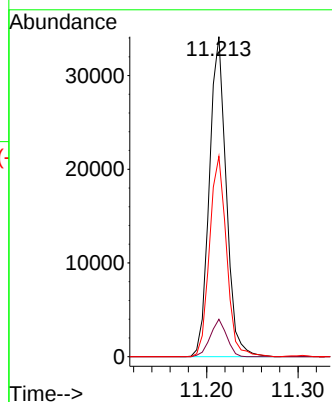
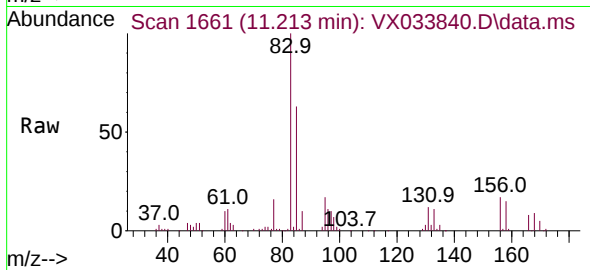
#75
1,1,2,2-Tetrachloroethane
Concen: 19.304 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01

Tgt Ion: 83 Resp: 43830
Ion Ratio Lower Upper
83 100
131 11.3 5.5 16.7
85 62.9 32.3 96.9

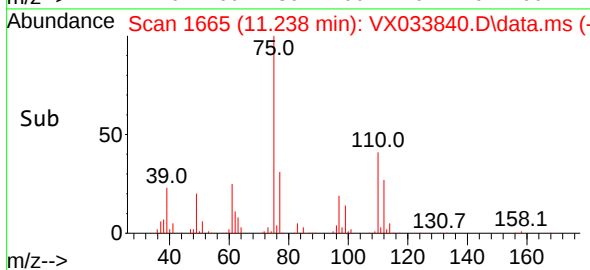
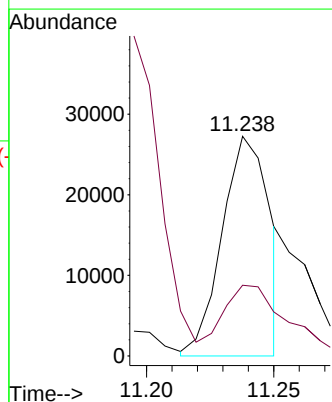
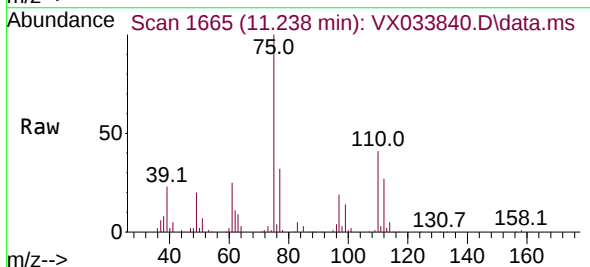
Manual Integrations
APPROVED

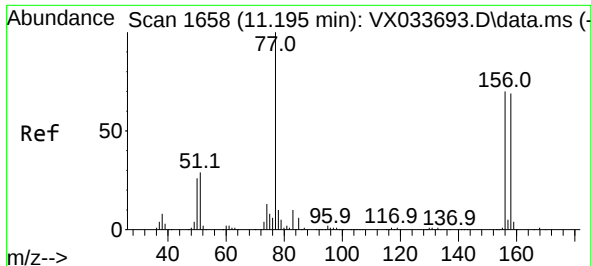
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#76
1,2,3-Trichloropropane
Concen: 18.087 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

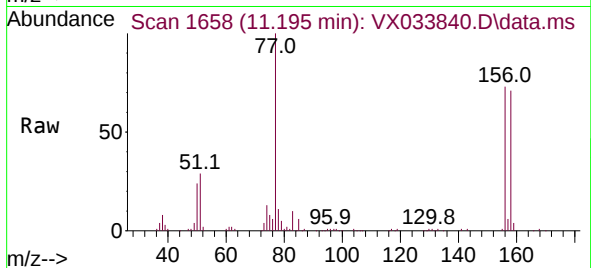
Tgt Ion: 75 Resp: 35430
Ion Ratio Lower Upper
75 100
77 43.9 21.8 65.4





#77
Bromobenzene
Concen: 18.608 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

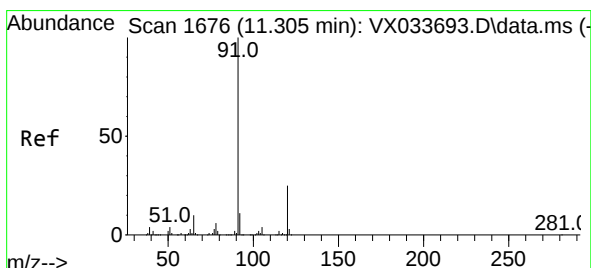
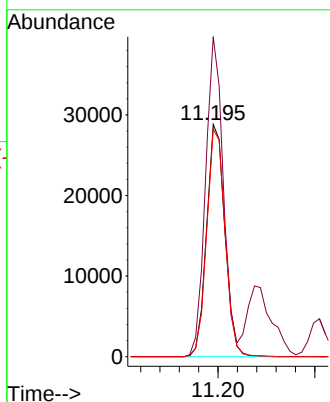
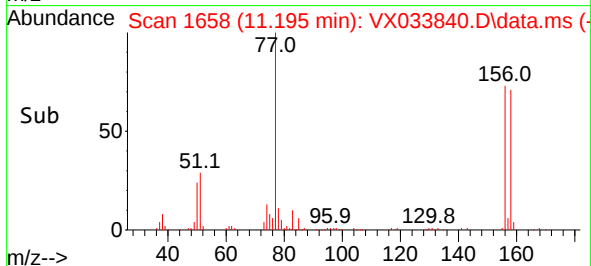
Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01



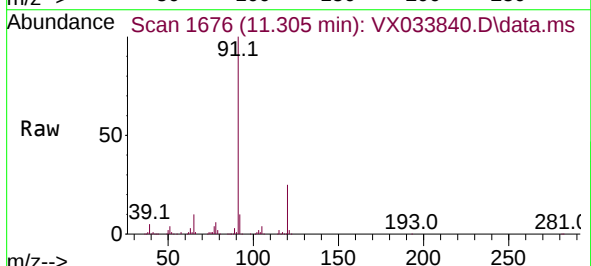
Tgt Ion:156 Resp: 37935
Ion Ratio Lower Upper
156 100
77 133.2 68.1 204.3
158 98.0 48.0 144.2

Manual Integrations
APPROVED

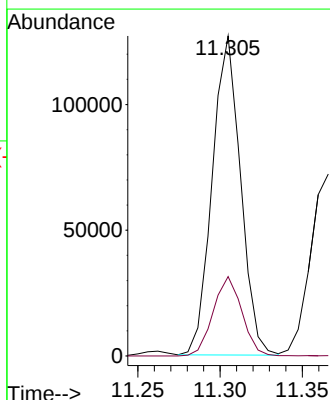
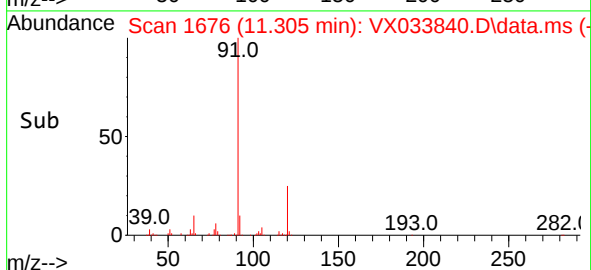
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

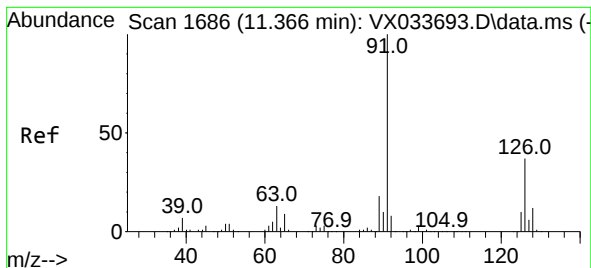


#78
n-propylbenzene
Concen: 17.471 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41



Tgt Ion: 91 Resp: 151991
Ion Ratio Lower Upper
91 100
120 25.2 12.3 36.8





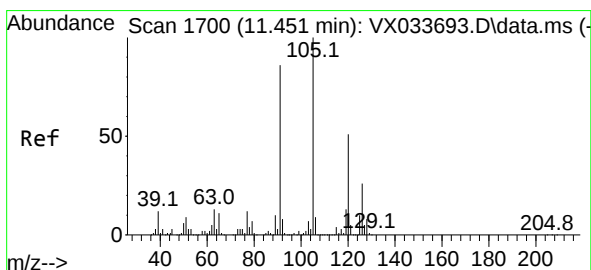
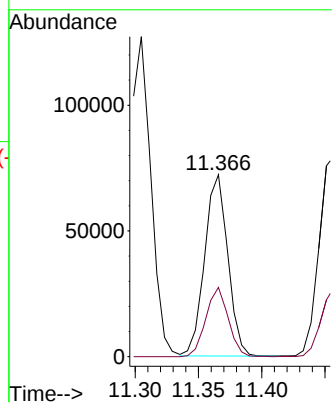
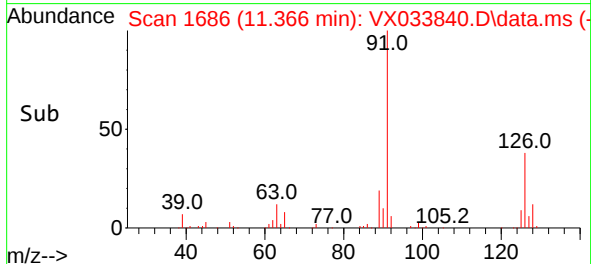
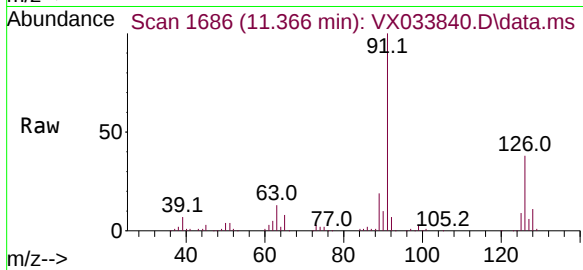
#79
2-Chlorotoluene
Concen: 17.636 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01

Tgt Ion: 91 Resp: 9195
Ion Ratio Lower Upper
91 100
126 36.9 18.1 54.1

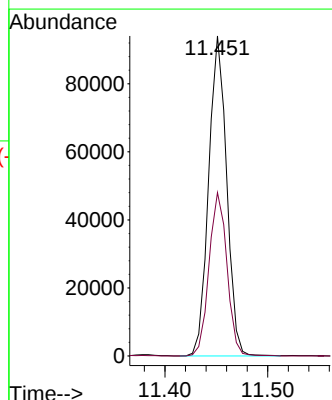
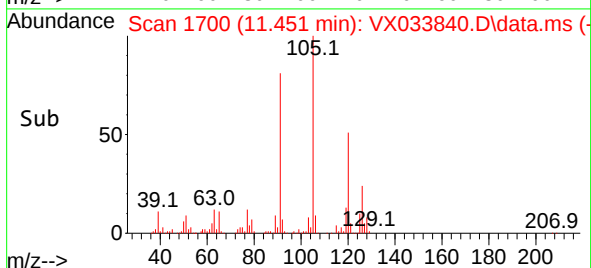
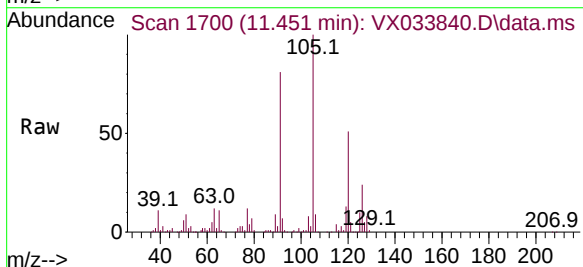
Manual Integrations
APPROVED

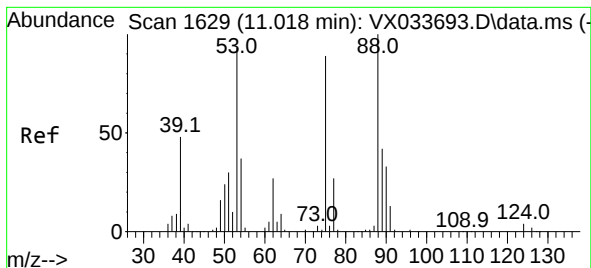
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#80
1,3,5-Trimethylbenzene
Concen: 17.879 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

Tgt Ion:105 Resp: 114703
Ion Ratio Lower Upper
105 100
120 50.8 25.6 76.8





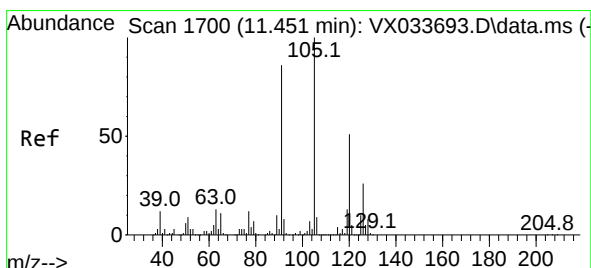
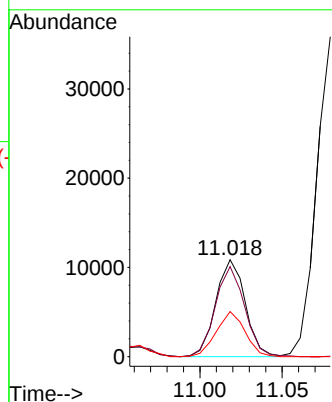
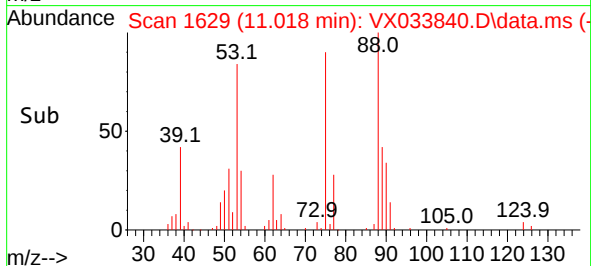
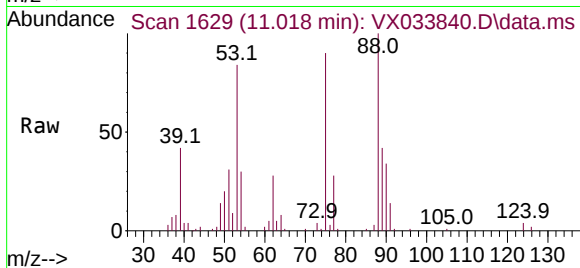
#81
trans-1,4-Dichloro-2-butene
Concen: 21.463 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01

Tgt Ion: 75 Resp: 13528
Ion Ratio Lower Upper
75 100
53 92.9 83.0 124.6
89 45.5 37.7 56.5

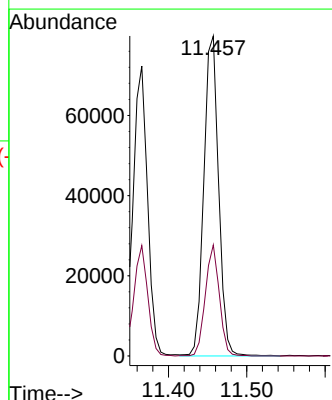
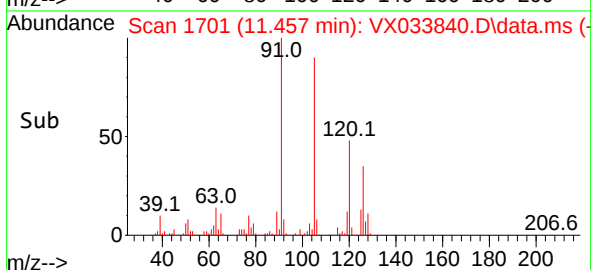
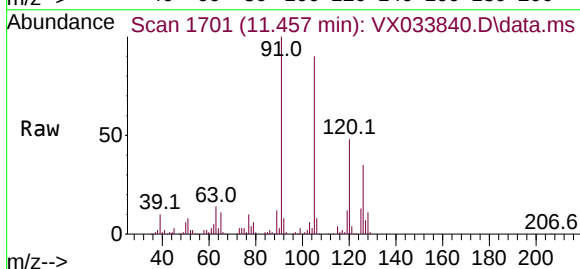
Manual Integrations
APPROVED

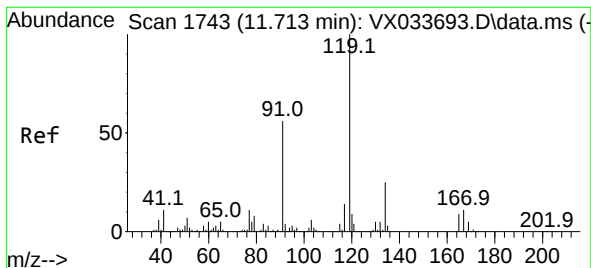
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#82
4-Chlorotoluene
Concen: 17.484 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

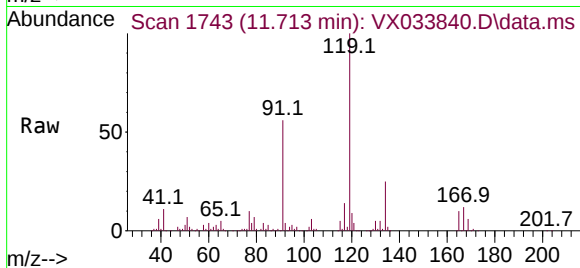
Tgt Ion: 91 Resp: 104457
Ion Ratio Lower Upper
91 100
126 32.9 15.8 47.4





#83
tert-Butylbenzene
Concen: 18.693 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

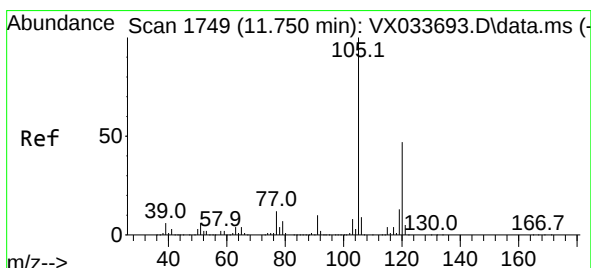
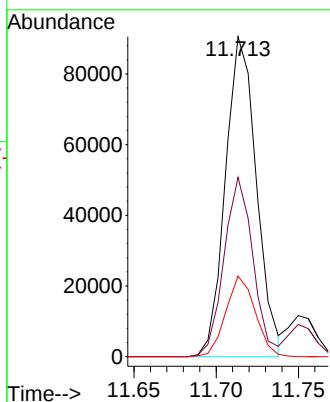
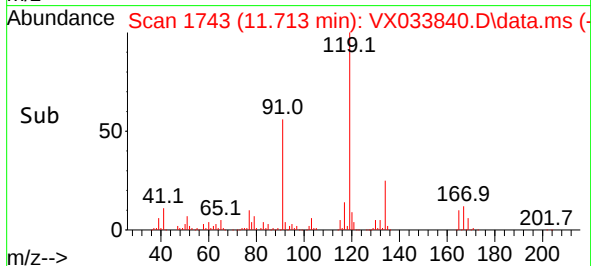
Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01



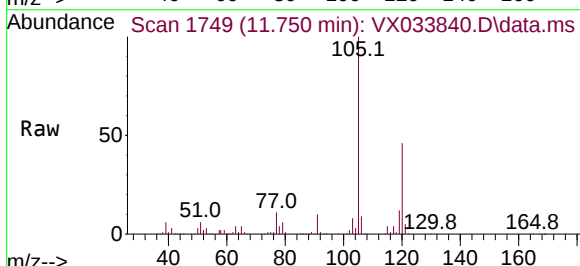
Tgt Ion:119 Resp: 119069
Ion Ratio Lower Upper
119 100
91 52.5 26.9 80.7
134 23.9 12.3 36.8

Manual Integrations
APPROVED

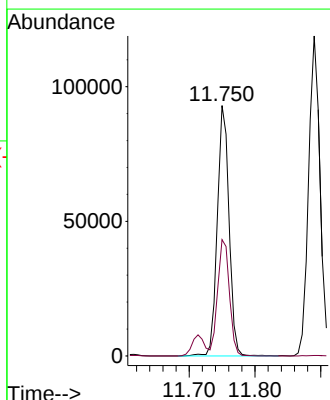
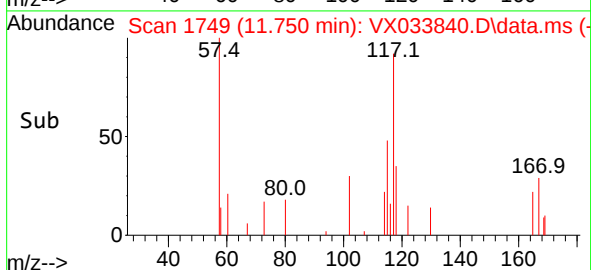
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

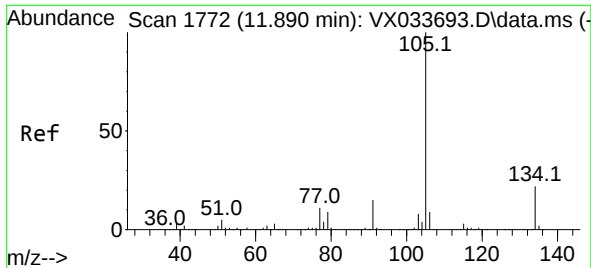


#84
1,2,4-Trimethylbenzene
Concen: 19.042 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41



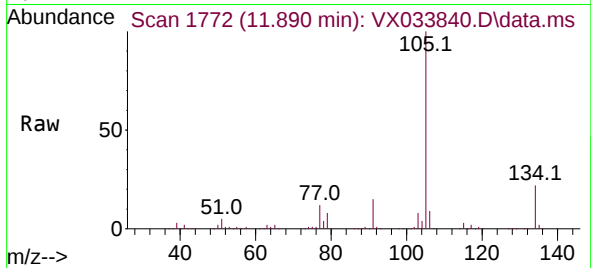
Tgt Ion:105 Resp: 115559
Ion Ratio Lower Upper
105 100
120 46.5 23.4 70.2





#85
 sec-Butylbenzene
 Concen: 18.864 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX033840.D
 Acq: 23 Jan 2023 11:41

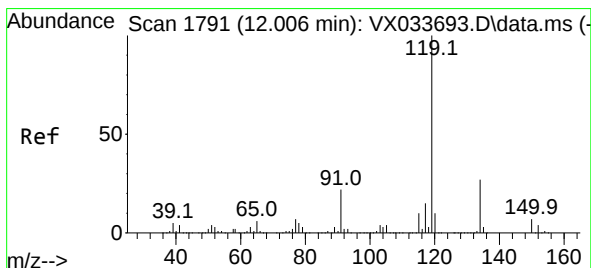
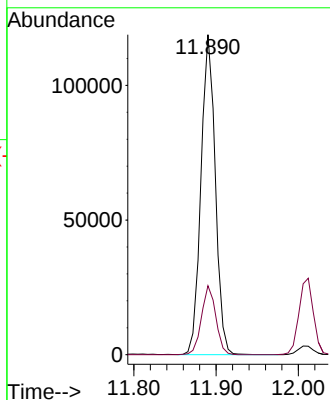
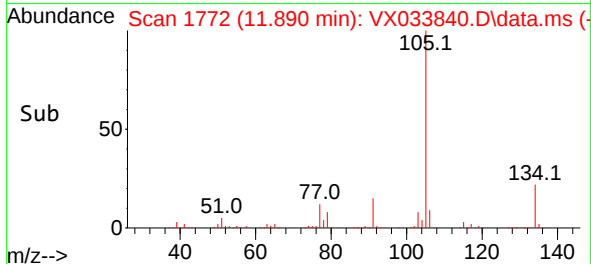
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0123WBSD01



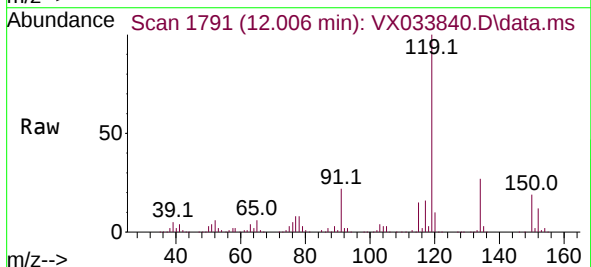
Tgt Ion:105 Resp: 143724
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.8 32.3

Manual Integrations
 APPROVED

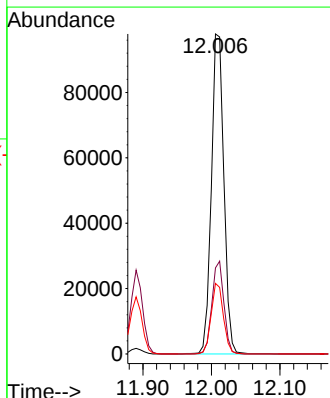
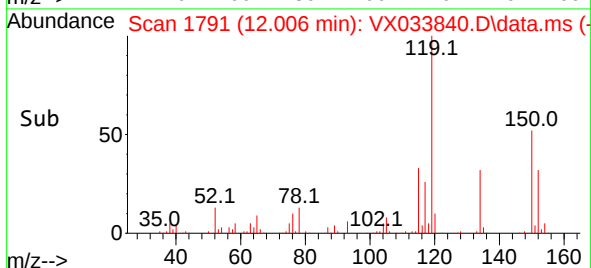
Reviewed By :John Carlone 01/24/2023
 Supervised By :Mahesh Dadoda 01/27/2023

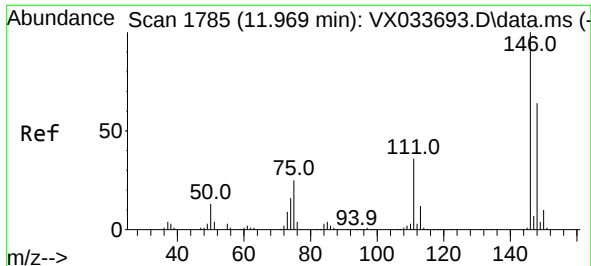


#86
 p-Isopropyltoluene
 Concen: 19.020 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX033840.D
 Acq: 23 Jan 2023 11:41



Tgt Ion:119 Resp: 124064
 Ion Ratio Lower Upper
 119 100
 134 27.8 13.6 40.8
 91 21.7 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 18.869 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX033840.D

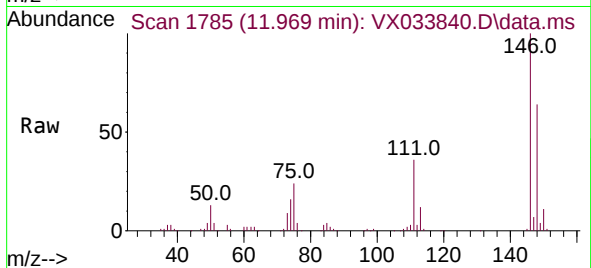
Acq: 23 Jan 2023 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0123WBSD01



Tgt Ion:146 Resp: 67974

Ion Ratio Lower Upper

146 100

111 36.3 18.6 55.6

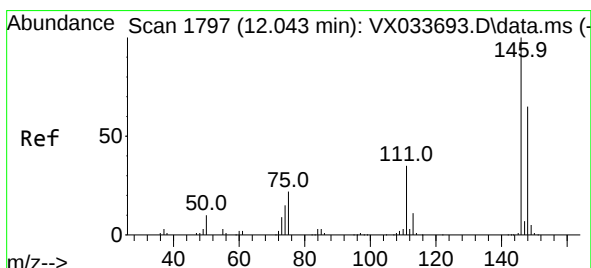
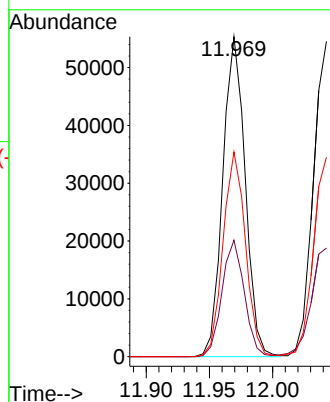
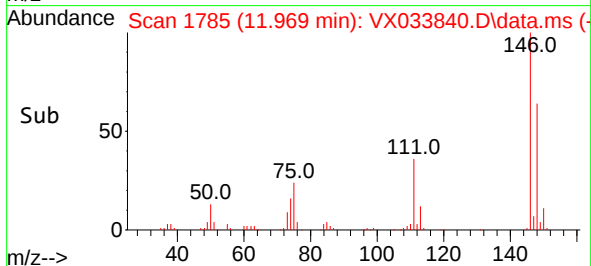
148 64.1 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/27/2023



#88

1,4-Dichlorobenzene

Concen: 18.865 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX033840.D

Acq: 23 Jan 2023 11:41

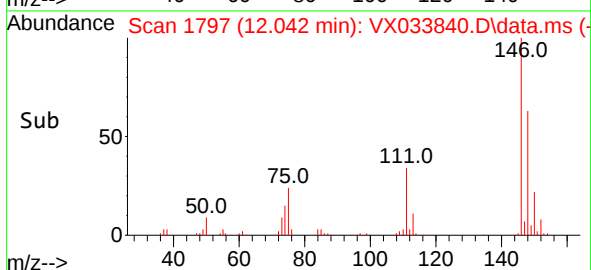
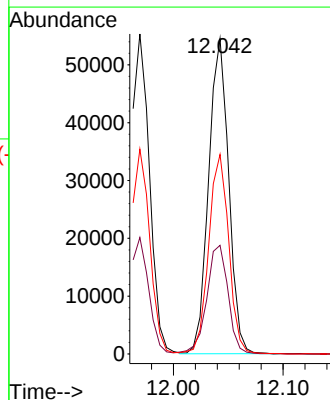
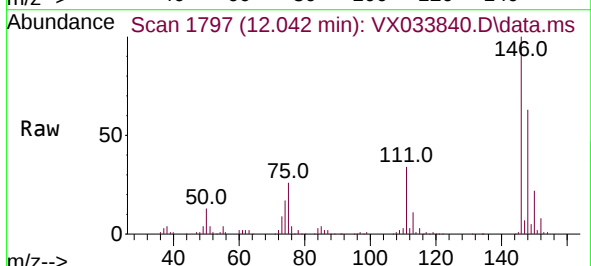
Tgt Ion:146 Resp: 69230

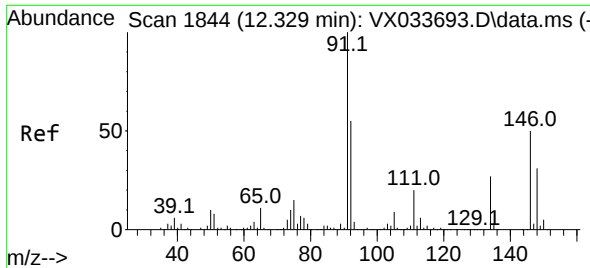
Ion Ratio Lower Upper

146 100

111 36.9 17.8 53.4

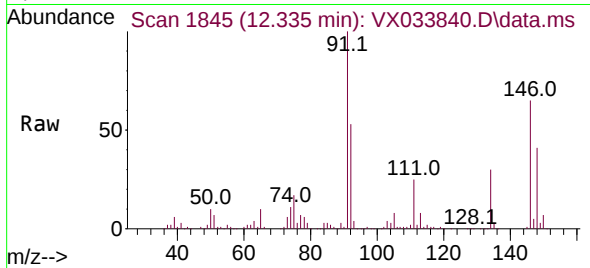
148 63.6 32.1 96.3





#89
n-Butylbenzene
Concen: 18.721 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

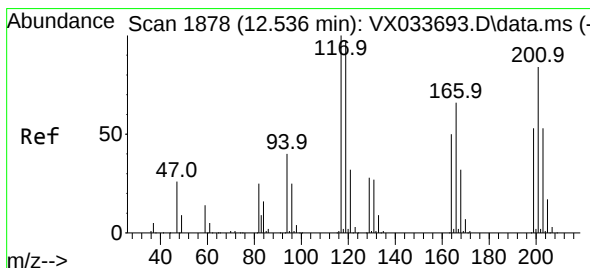
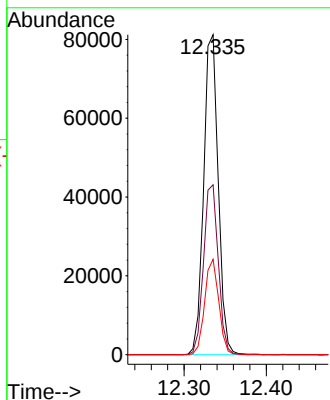
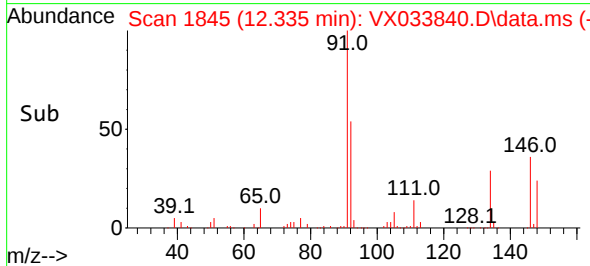
Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01



Tgt Ion: 91 Resp: 99904
Ion Ratio Lower Upper
91 100
92 53.8 27.5 82.5
134 29.0 14.3 42.9

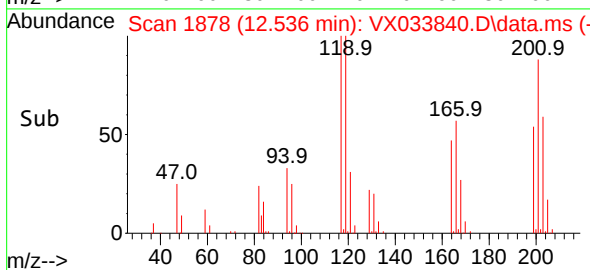
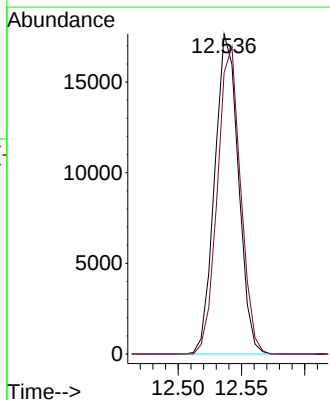
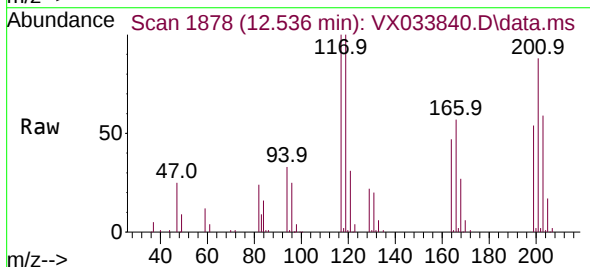
Manual Integrations
APPROVED

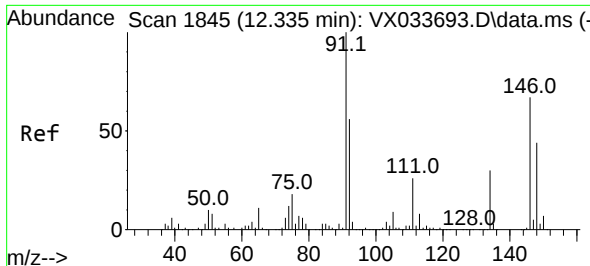
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#90
Hexachloroethane
Concen: 21.389 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

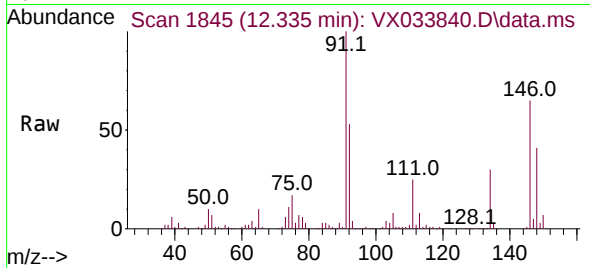
Tgt Ion:117 Resp: 22950
Ion Ratio Lower Upper
117 100
201 93.8 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 19.414 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

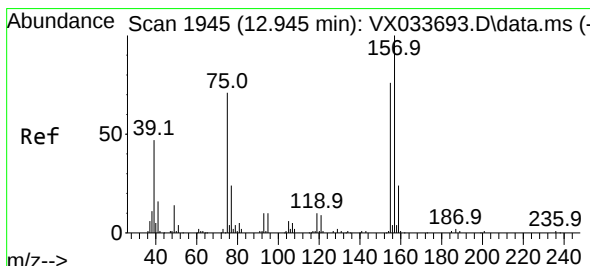
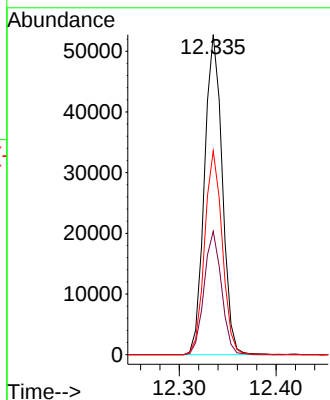
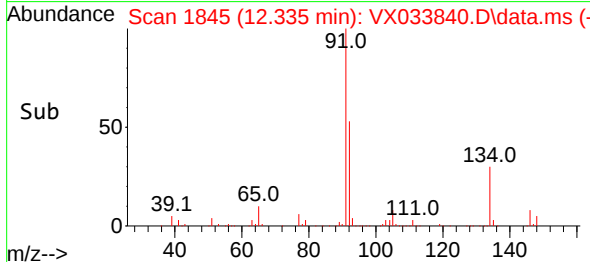
Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01



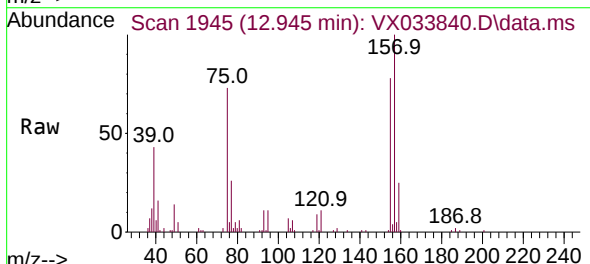
Tgt Ion:146 Resp: 6748
Ion Ratio Lower Upper
146 100
111 37.7 19.3 57.8
148 63.1 32.3 96.9

Manual Integrations
APPROVED

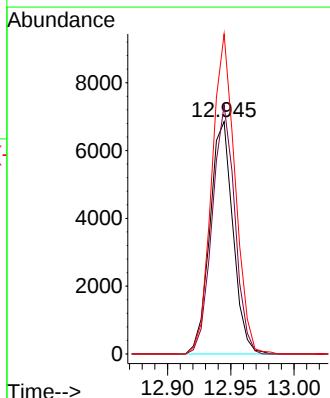
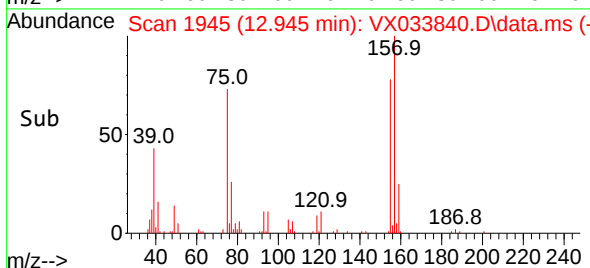
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

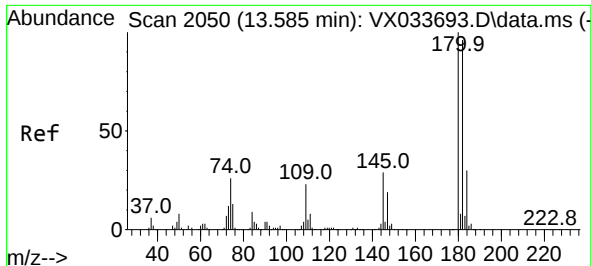


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.011 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41



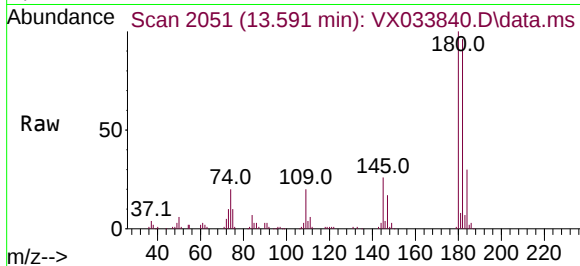
Tgt Ion: 75 Resp: 8706
Ion Ratio Lower Upper
75 100
155 104.3 51.7 155.1
157 138.4 67.5 202.3





#93
1,2,4-Trichlorobenzene
Concen: 19.450 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

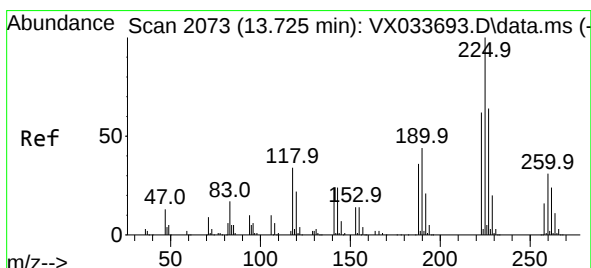
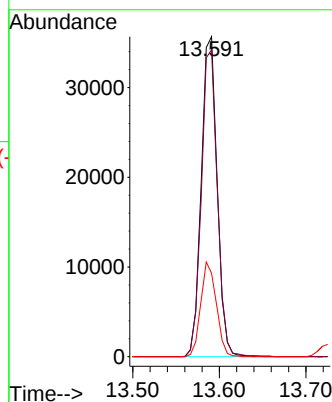
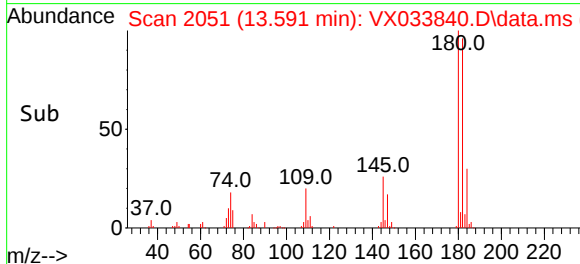
Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01



Tgt Ion:180 Resp: 45544
Ion Ratio Lower Upper
180 100
182 96.1 47.9 143.6
145 28.9 14.1 42.2

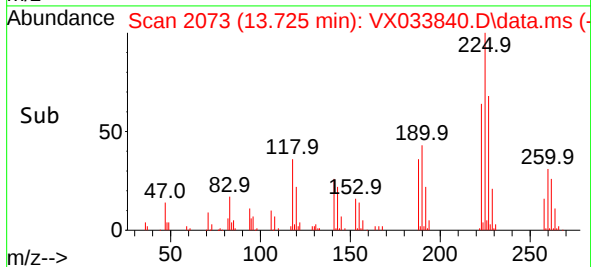
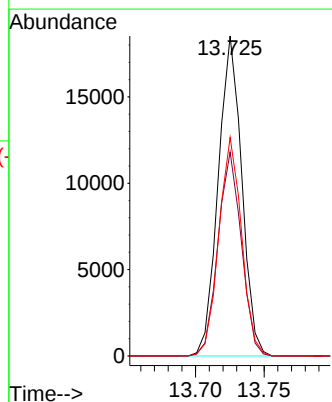
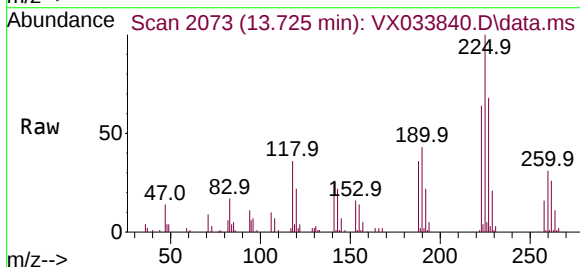
Manual Integrations
APPROVED

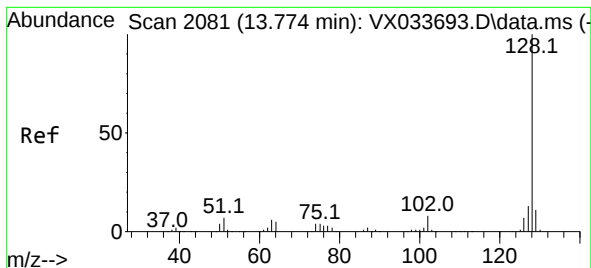
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#94
Hexachlorobutadiene
Concen: 19.237 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

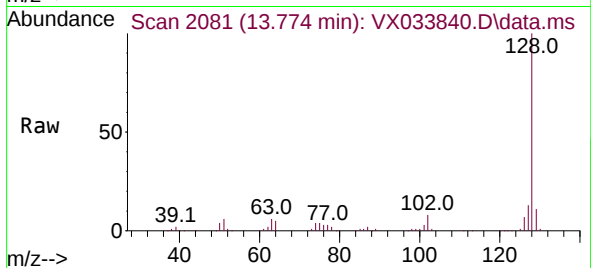
Tgt Ion:225 Resp: 22065
Ion Ratio Lower Upper
225 100
223 63.1 31.3 93.9
227 66.2 32.3 96.9





#95
Naphthalene
Concen: 19.767 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41

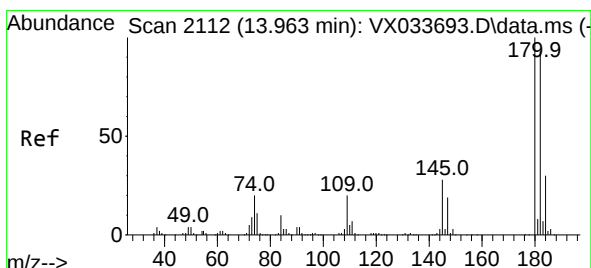
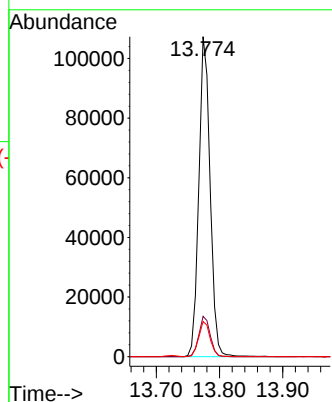
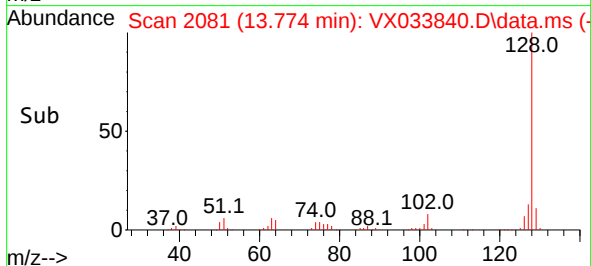
Instrument :
MSVOA_X
ClientSampleId :
VX0123WBSD01



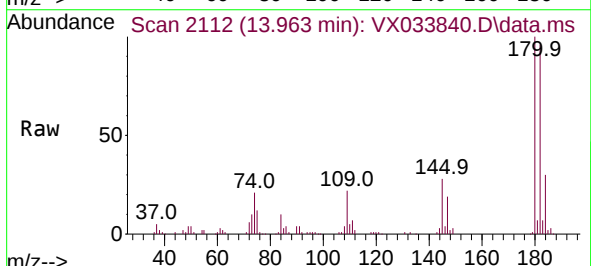
Tgt Ion:128 Resp: 133162
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.789 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033840.D
Acq: 23 Jan 2023 11:41



Tgt Ion:180 Resp: 46366
Ion Ratio Lower Upper
180 100
182 94.1 47.6 142.9
145 30.2 15.1 45.3

