

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011823\
 Data File : VX033770.D
 Acq On : 18 Jan 2023 13:24
 Operator : JC/MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Quant Time: Jan 18 14:13:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 18 12:35:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/19/2023
 Supervised By : Mahesh Dadoda 01/19/2023

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

Internal Standards						
1) Bromochloromethane	4.903	128	16793	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	116087	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	126857	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	38053	27.986	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	93.300%	
60) 4-Bromofluorobenzene	11.079	95	68813	30.097	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	100.333%	
63) Toluene-d8	8.647	98	120545	29.692	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	98.967%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	83106	47.320	ug/l	98
3) Chloromethane	1.294	50	91976	48.857	ug/l	99
4) Vinyl Chloride	1.374	62	91106	53.577	ug/l	99
5) Bromomethane	1.617	94	58049	61.631	ug/l	95
6) Chloroethane	1.691	64	48613	48.814	ug/l	97
7) Trichlorofluoromethane	1.886	101	133133	50.734	ug/l	98
8) Diethyl Ether	2.130	74	49920	58.426	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	78050	57.360	ug/l	98
10) 1,1-Dichloroethene	2.319	96	75836	59.114	ug/l	97
11) Methyl Iodide	2.453	142	122358	55.483	ug/l	93
12) Methyl Acetate	2.709	43	138771	51.669	ug/l	95
13) Acrolein	2.239	56	68142	235.311	ug/l	100
14) Acrylonitrile	3.068	53	225688	254.818	ug/l	99
15) Acetone	2.392	58	67849	338.505	ug/l	93
16) Carbon Disulfide	2.514	76	195704	52.425	ug/l	97
17) Allyl chloride	2.666	41	143651	52.636	ug/l	86
18) Methylene Chloride	2.788	84	88940	49.505	ug/l	91
19) trans-1,2-Dichloroethene	3.093	96	85175	49.419	ug/l	90
20) Diisopropyl ether	3.757	45	278110	47.214	ug/l	96
21) 1,1-Dichloroethane	3.611	63	151571	46.922	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	100108	48.842	ug/l	96
23) tert-Butyl Alcohol	3.007	59	76888m	219.784	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	263656	48.129	ug/l	95
25) Chloroform	5.092	83	153566	46.836	ug/l	97
26) Cyclohexane	5.470	56	138319	46.135	ug/l #	99
29) 1,1-Dichloropropene	5.696	75	115274	45.939	ug/l	97
30) 2-Butanone	4.562	43	319371	243.719	ug/l #	96
31) 2,2-Dichloropropane	4.477	77	110258	51.035	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	132185	45.121	ug/l	98
33) Carbon Tetrachloride	5.678	117	118816	44.934	ug/l	99
34) Benzene	6.037	78	345115	47.342	ug/l	99
35) Methacrylonitrile	4.916	41	70717	47.361	ug/l	97
36) 1,2-Dichloroethane	6.086	62	118192	44.601	ug/l	96
37) Trichloroethene	7.123	130	100876	47.982	ug/l	96
38) Methylcyclohexane	7.379	83	146745	47.031	ug/l	98
39) 1,2-Dichloropropane	7.427	63	89052	47.800	ug/l	96
40) Dibromomethane	7.580	93	62170	47.484	ug/l	96
41) Bromodichloromethane	7.824	83	117292	46.187	ug/l	99
42) Vinyl Acetate	3.721	43	1089723	232.705	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	123678	46.061	ug/l	98
44) Isopropyl Acetate	6.336	43	194408	46.149	ug/l	97
45) 1,4-Dioxane	7.714	88	41763m	908.716	ug/l	
46) Methyl methacrylate	7.689	41	99866	46.823	ug/l	96
47) n-amyl Acetate	10.841	43	175253	48.863	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	125440	48.342	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	139717	48.480	ug/l	96
50) 1,1,2-Trichloroethane	9.153	97	90265	47.495	ug/l	96
51) Ethyl methacrylate	9.116	69	136356	48.113	ug/l	98
52) 1,3-Dichloropropane	9.305	76	150736	47.354	ug/l	99
53) Dibromochloromethane	9.518	129	99925	48.239	ug/l	97
54) 1,2-Dibromoethane	9.610	107	97078	47.795	ug/l	100
55) 2-Chloroethyl vinyl ether	8.244	63	311508	227.366	ug/l	98
56) Bromoform	10.799	173	79799	50.174	ug/l	99
58) 4-Methyl-2-Pentanone	8.573	43	604728	239.977	ug/l	97
59) 2-Hexanone	9.433	43	455646	245.689	ug/l	98
61) Tetrachloroethene	9.275	164	89396	48.842	ug/l	97
62) Toluene	8.720	91	378344	47.379	ug/l	98
64) Chlorobenzene	10.079	112	251482	48.895	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	92641	47.858	ug/l	97
66) Ethyl Benzene	10.195	91	432114	48.523	ug/l	99
67) m/p-Xylenes	10.299	106	345246	98.227	ug/l	100
68) o-Xylene	10.640	106	170266	49.286	ug/l	99
69) Styrene	10.652	104	282838	49.467	ug/l	99
70) Isopropylbenzene	10.963	105	440533	49.239	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	132886	49.328	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	122869m	50.347	ug/l	
73) Bromobenzene	11.195	156	117544	49.643	ug/l	98
74) n-propylbenzene	11.305	91	504576	49.674	ug/l	100
75) 2-Chlorotoluene	11.366	91	294778	48.518	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	365611	49.220	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	38884	53.257	ug/l	86
78) 4-Chlorotoluene	11.451	91	335681	49.268	ug/l	100
79) tert-butylbenzene	11.713	119	374608	49.173	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	364097	49.615	ug/l	98
81) sec-Butylbenzene	11.890	105	454555	49.312	ug/l	100
82) p-Isopropyltoluene	12.006	119	396092	49.821	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	215442	49.843	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	214320	49.732	ug/l	99
85) n-Butylbenzene	12.335	91	324011	50.128	ug/l	99
86) Hexachloroethane	12.536	117	62830	48.577	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	206099	49.498	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	28540	51.029	ug/l	97
89) 1,2,4-Trichlorobenzene	13.585	180	146074	51.009	ug/l	99
90) Hexachlorobutadiene	13.725	225	67746	49.338	ug/l	98
91) Naphthalene	13.774	128	432493	51.432	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	144325	50.230	ug/l	99

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

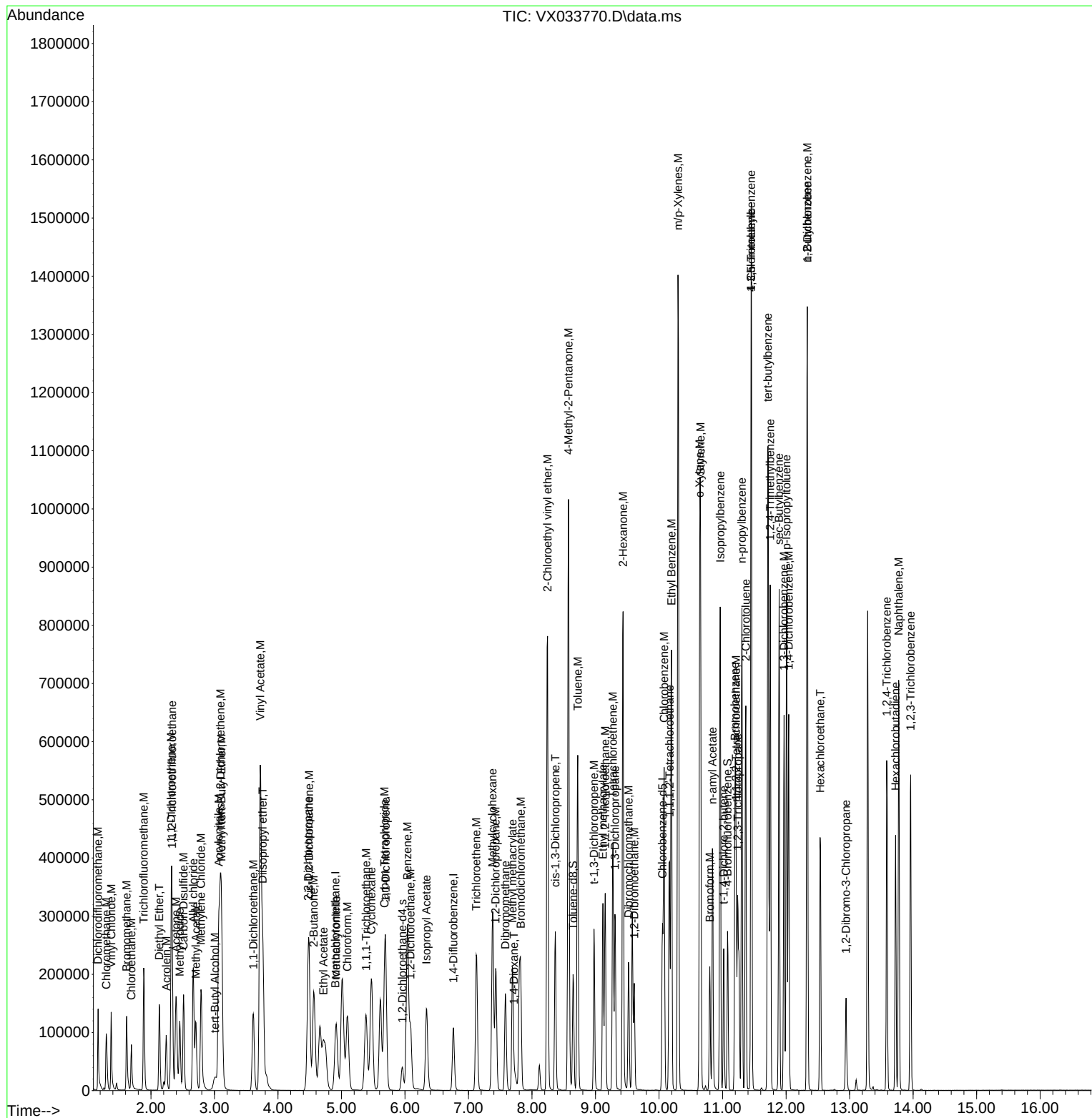
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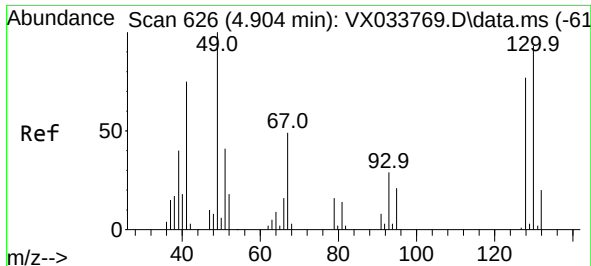
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Manual Integrations
APPROVED

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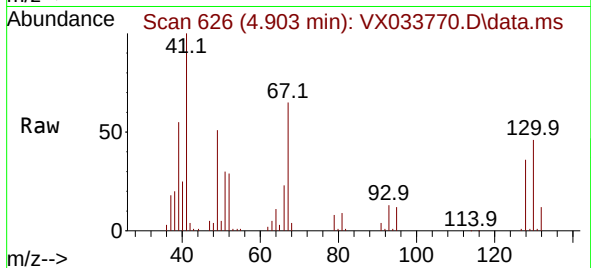
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jan 18 12:35:47 2023
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.005 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

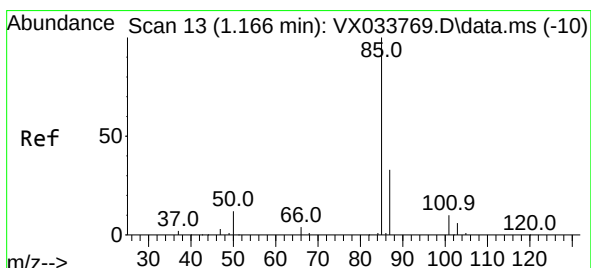
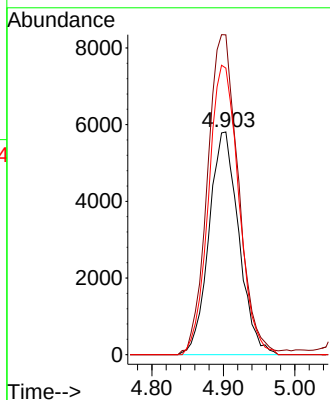
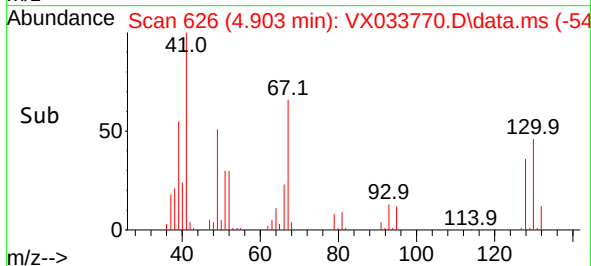
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



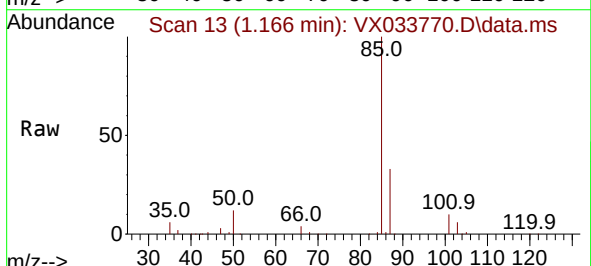
Tgt Ion:128 Resp: 1679
Ion Ratio Lower Upper
128 100
49 149.0 0.0 398.5
130 132.2 0.0 329.0

Manual Integrations
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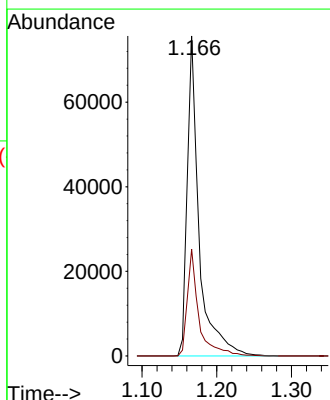
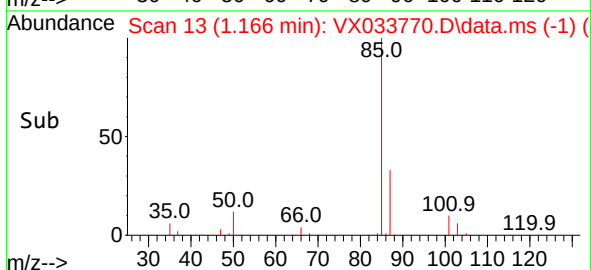
Reviewed By :John Carlone 01/19/2023
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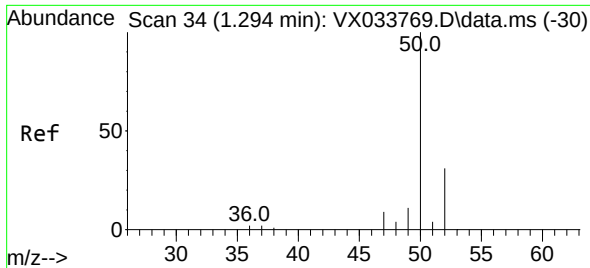


#2
Dichlorodifluoromethane
Concen: 47.320 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24



Tgt Ion: 85 Resp: 83106
Ion Ratio Lower Upper
85 100
87 33.4 16.0 48.0





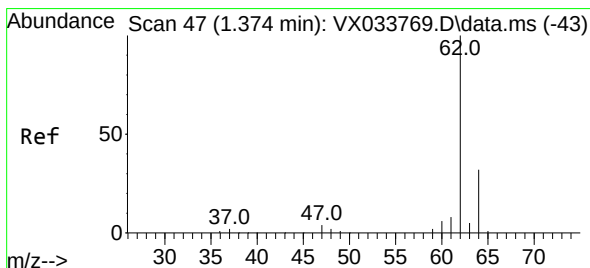
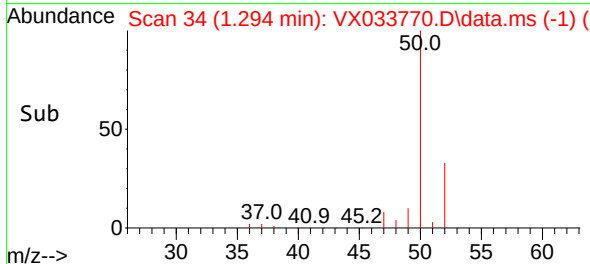
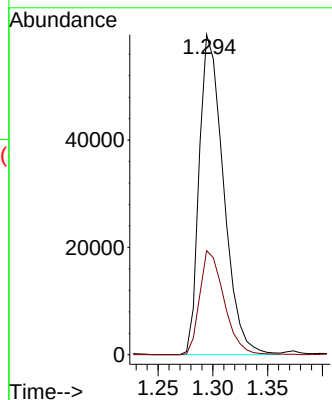
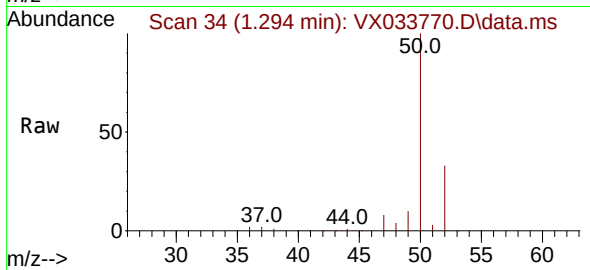
#3
Chloromethane
Concen: 48.857 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 50 Resp: 91970
Ion Ratio Lower Upper
50 100
52 32.5 25.5 38.3

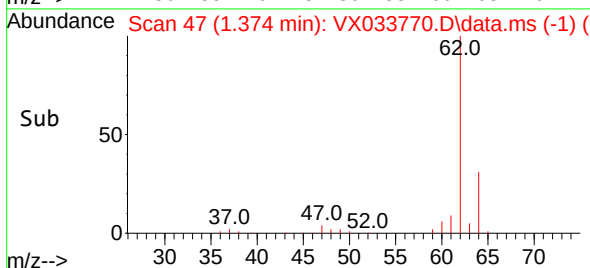
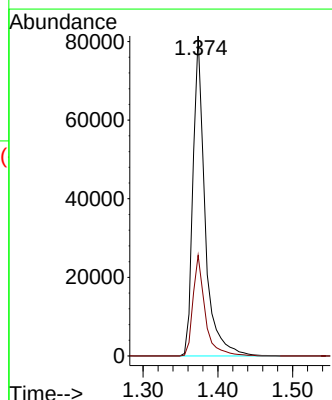
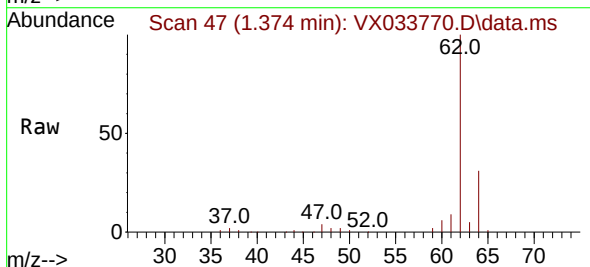
Manual Integrations
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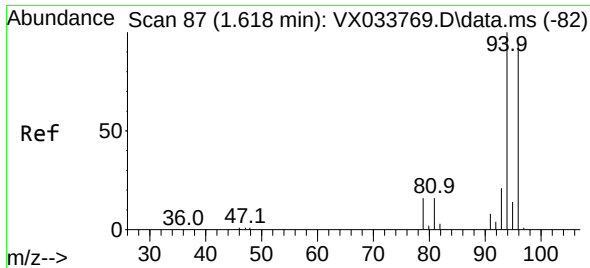
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#4
Vinyl Chloride
Concen: 53.577 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

Tgt Ion: 62 Resp: 91106
Ion Ratio Lower Upper
62 100
64 31.4 24.9 37.3





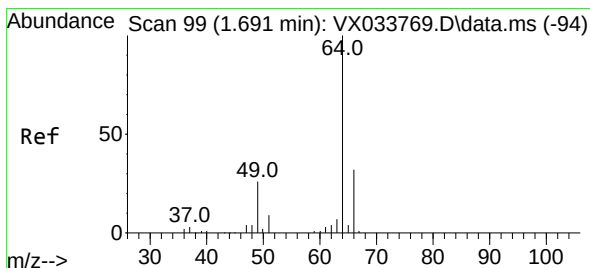
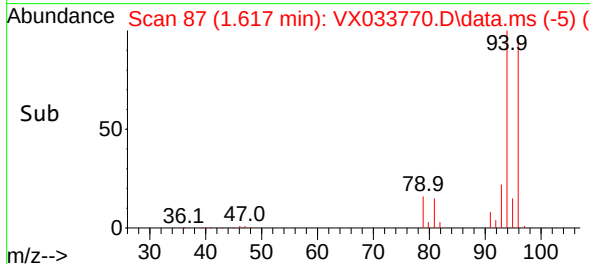
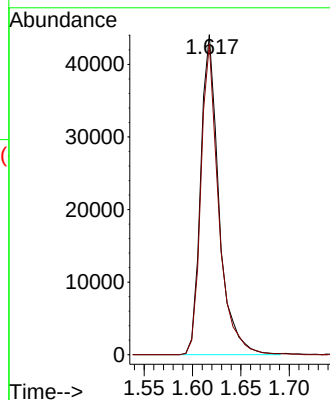
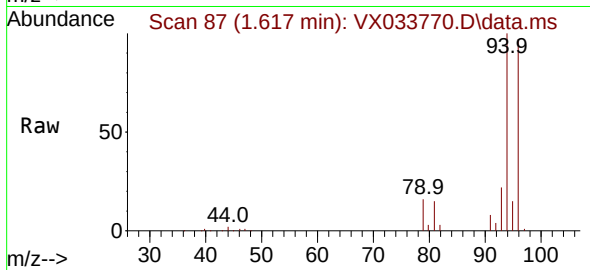
#5
Bromomethane
Concen: 61.631 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 94 Resp: 58049
Ion Ratio Lower Upper
94 100
96 97.1 73.6 110.4

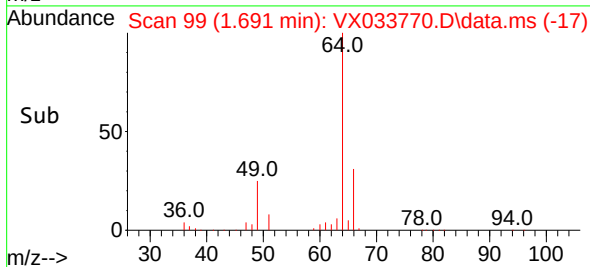
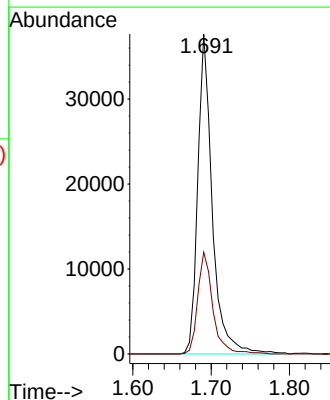
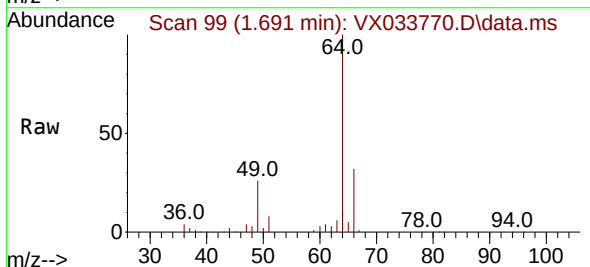
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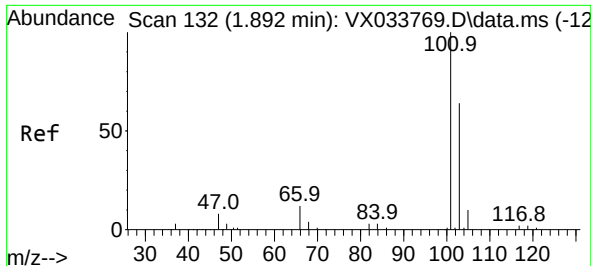
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#6
Chloroethane
Concen: 48.814 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

Tgt Ion: 64 Resp: 48613
Ion Ratio Lower Upper
64 100
66 31.8 26.6 40.0





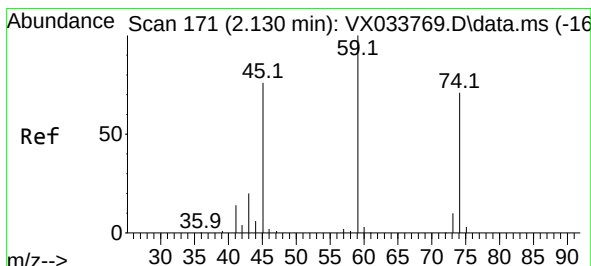
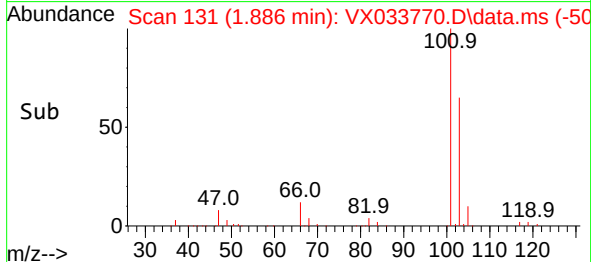
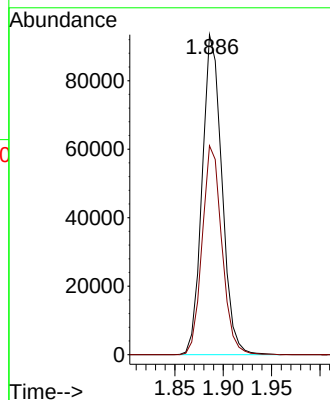
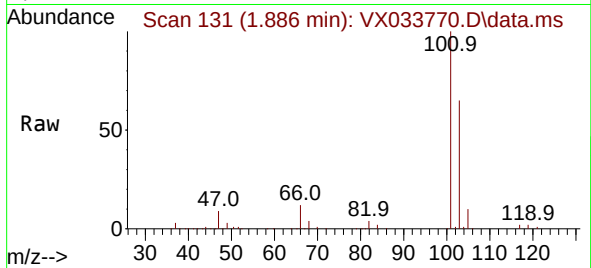
#7
Trichlorofluoromethane
Concen: 50.734 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion:101 Resp: 13313
Ion Ratio Lower Upper
101 100
103 65.3 53.7 80.5

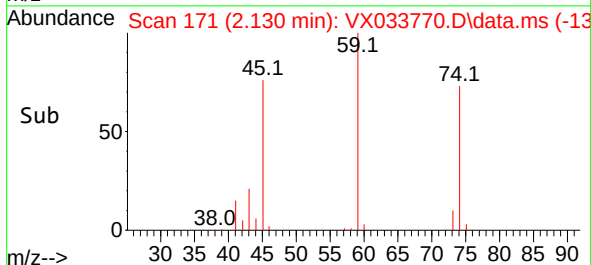
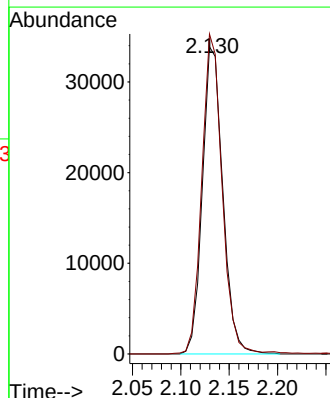
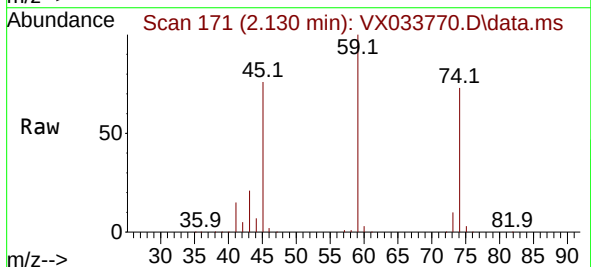
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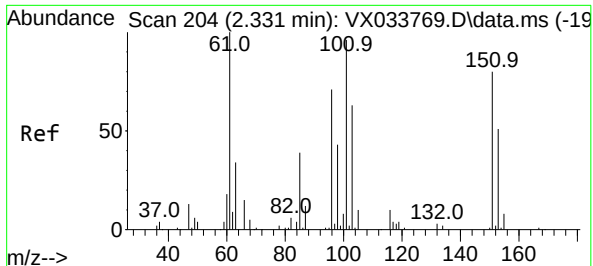
Reviewed By :John Carlone 01/19/2023
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#8
Diethyl Ether
Concen: 58.426 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

Tgt Ion: 74 Resp: 49920
Ion Ratio Lower Upper
74 100
45 101.8 20.3 182.9





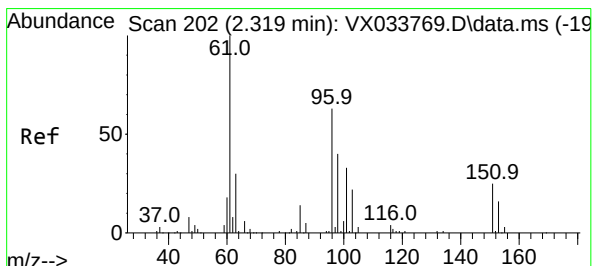
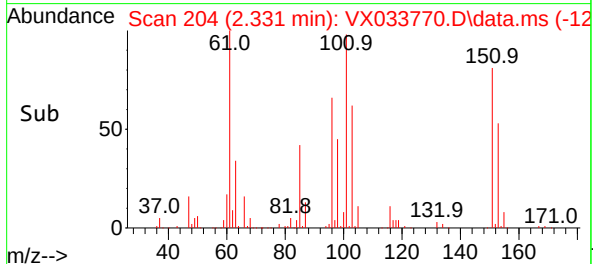
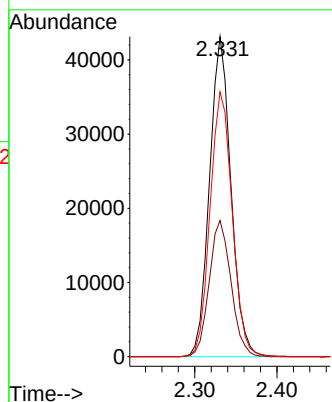
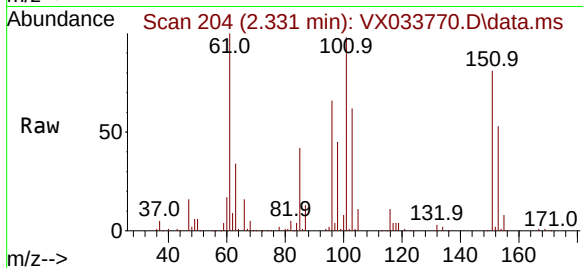
#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.360 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 78050
Ion Ratio Lower Upper
101 100
85 43.4 0.0 88.8
151 85.5 0.0 167.2

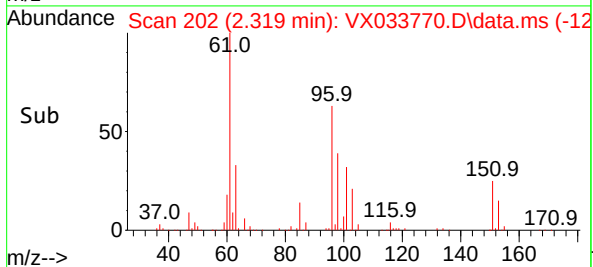
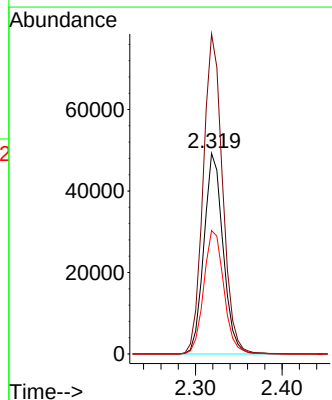
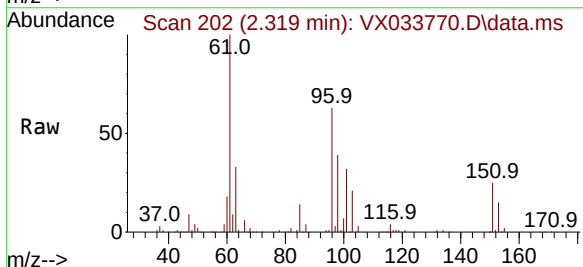
Manual Integrations
APPROVED

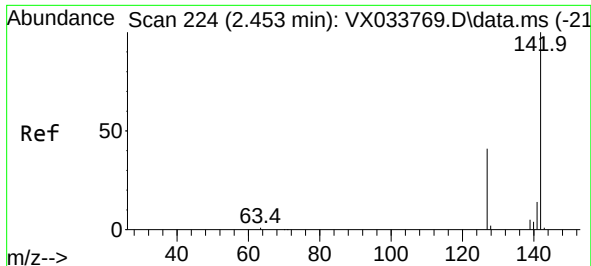
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#10
1,1-Dichloroethene
Concen: 59.114 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

Tgt Ion: 96 Resp: 75836
Ion Ratio Lower Upper
96 100
61 159.5 130.6 195.8
98 61.5 50.8 76.2





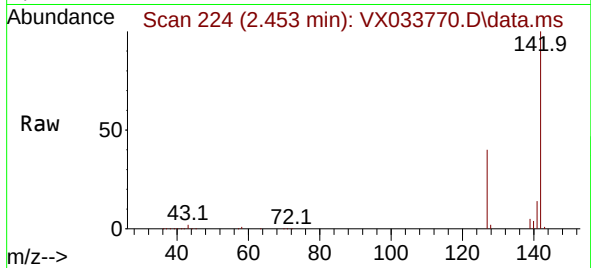
#11
Methyl Iodide
Concen: 55.483 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050



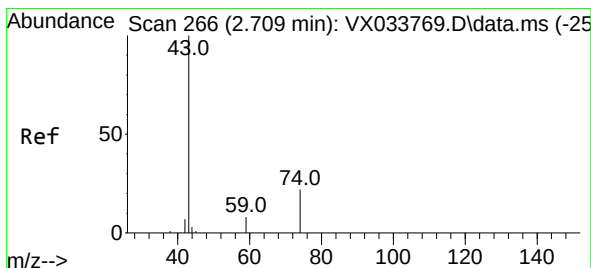
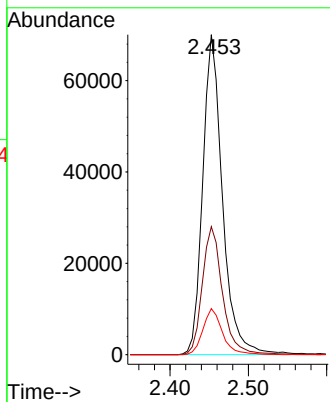
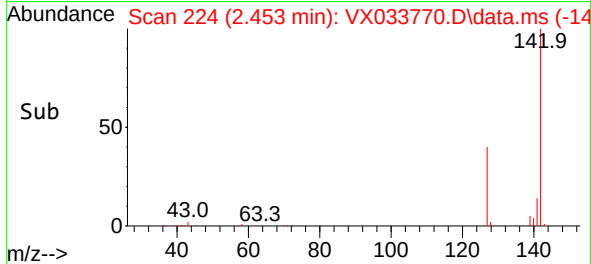
Tgt Ion:142 Resp: 122358
Ion Ratio Lower Upper
142 100
127 40.0 23.2 69.5
141 14.4 7.3 22.0

Manual Integrations

APPROVED

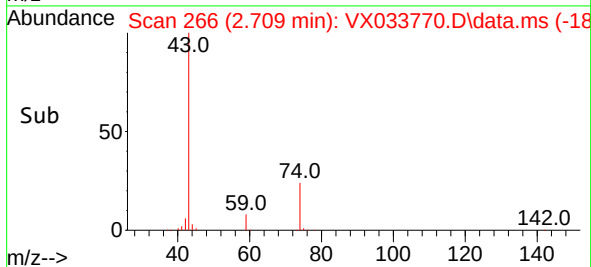
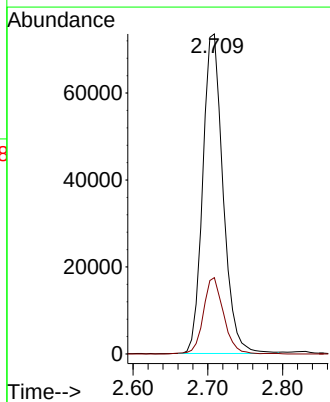
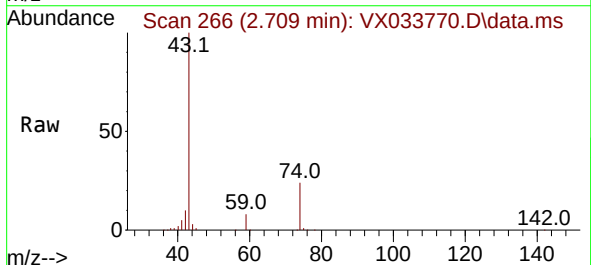
Reviewed By :John Carlone 01/19/2023

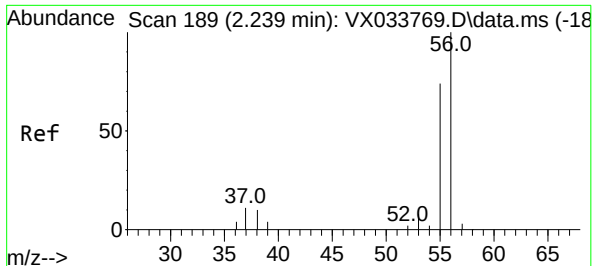
Supervised By :Mahesh Dadoda 01/19/2023



#12
Methyl Acetate
Concen: 51.669 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

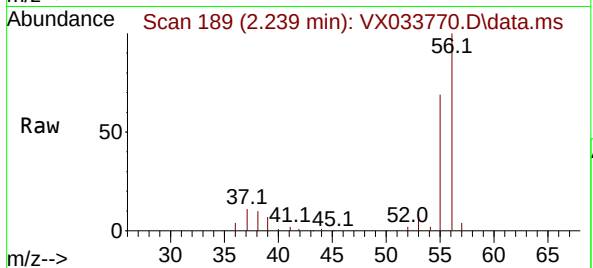
Tgt Ion: 43 Resp: 138771
Ion Ratio Lower Upper
43 100
74 23.7 17.0 25.6





#13
Acrolein
Concen: 235.311 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

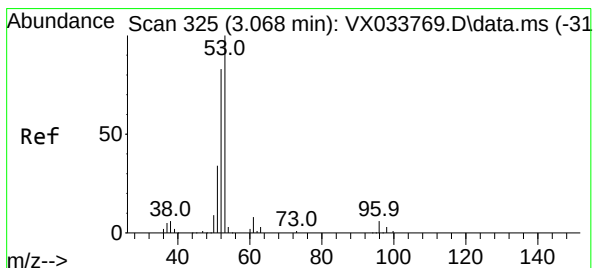
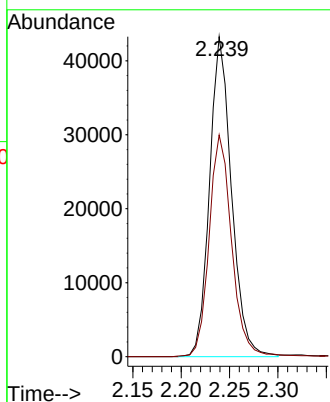
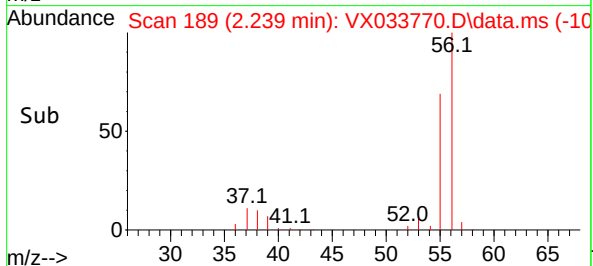
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



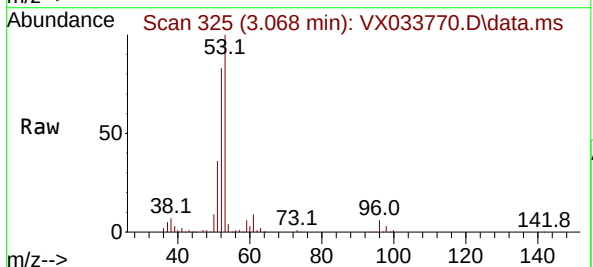
Tgt Ion: 56 Resp: 6814
Ion Ratio Lower Upper
56 100
55 70.4 56.1 84.1

Manual Integrations
APPROVED

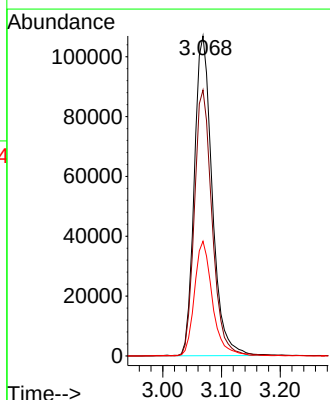
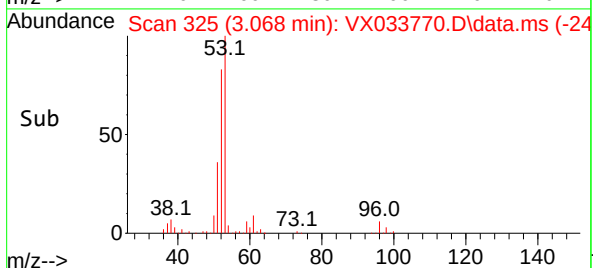
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

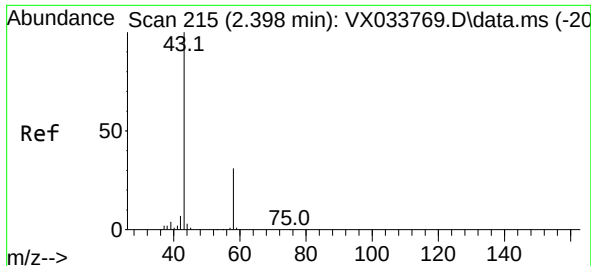


#14
Acrylonitrile
Concen: 254.818 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24



Tgt Ion: 53 Resp: 225688
Ion Ratio Lower Upper
53 100
52 82.4 41.3 124.1
51 35.6 18.4 55.4





#15

Acetone

Concen: 338.505 ug/l

RT: 2.392 min Scan# 215

Delta R.T. -0.012 min

Lab File: VX033770.D

Acq: 18 Jan 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 58 Resp: 67849

Ion Ratio Lower Upper

58 100

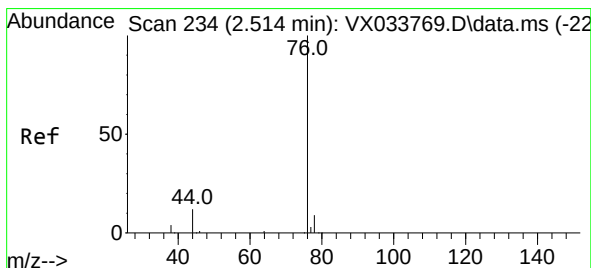
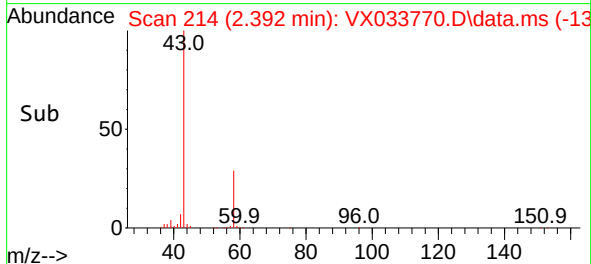
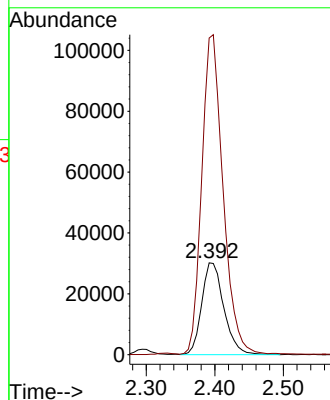
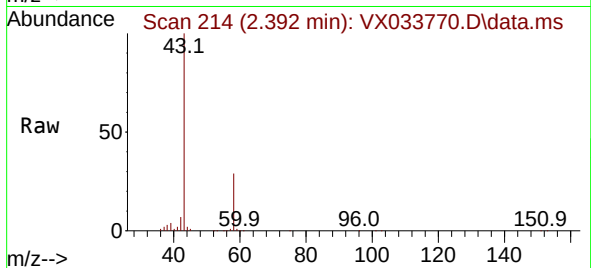
43 344.1 288.3 432.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#16

Carbon Disulfide

Concen: 52.425 ug/l

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX033770.D

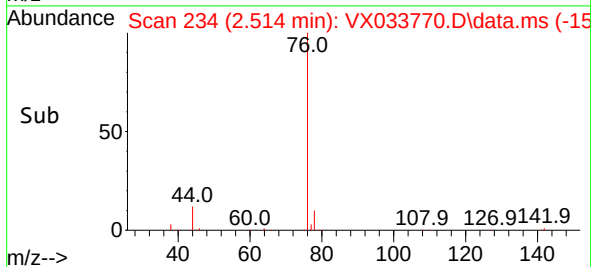
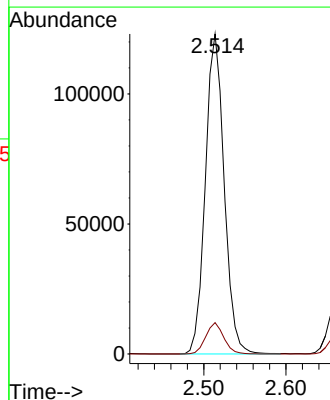
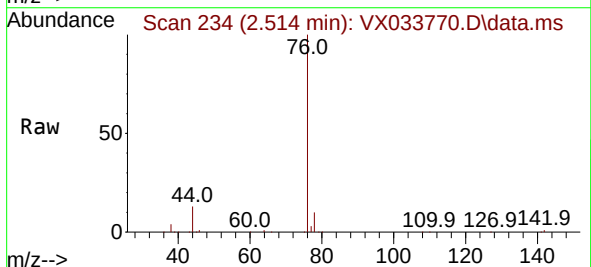
Acq: 18 Jan 2023 13:24

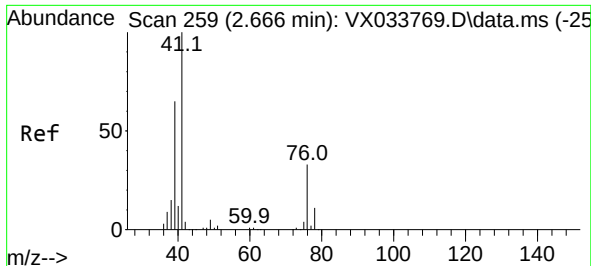
Tgt Ion: 76 Resp: 195704

Ion Ratio Lower Upper

76 100

78 9.8 7.0 10.4





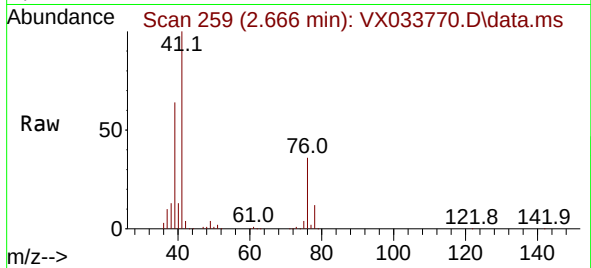
#17
 Allyl chloride
 Concen: 52.636 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. -0.000 min
 Lab File: VX033770.D
 Acq: 18 Jan 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

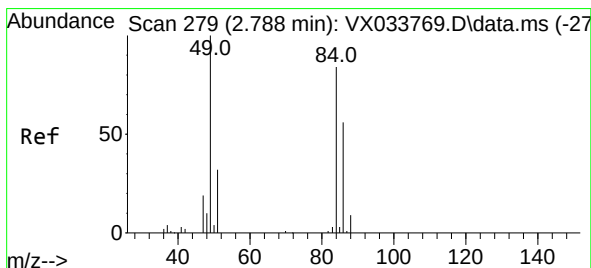
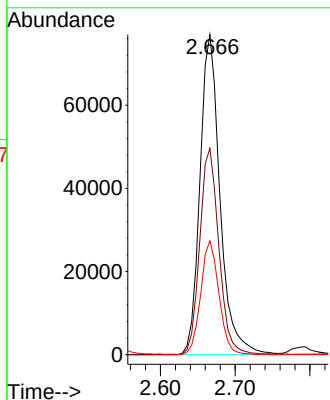
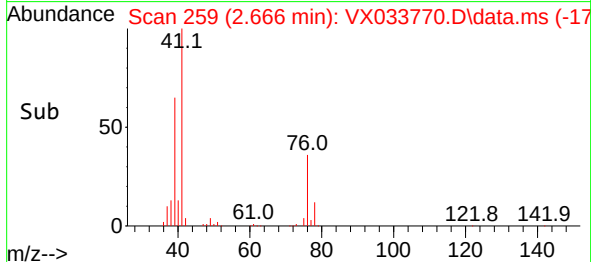
VSTDICC050



Tgt Ion: 41 Resp: 14365
 Ion Ratio Lower Upper
 41 100
 39 64.4 40.3 120.8
 76 35.6 17.0 50.9

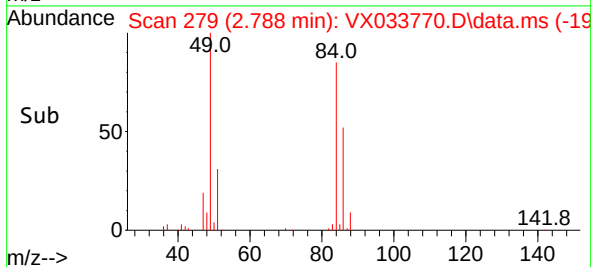
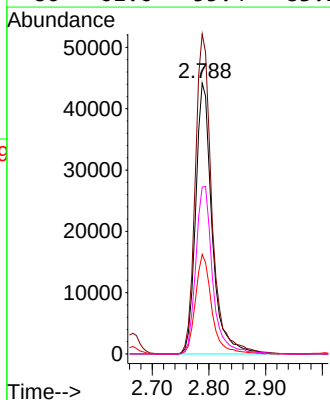
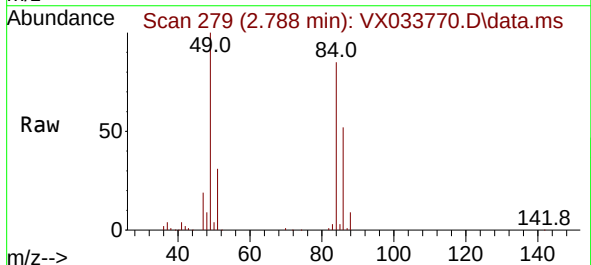
Manual Integrations
 APPROVED

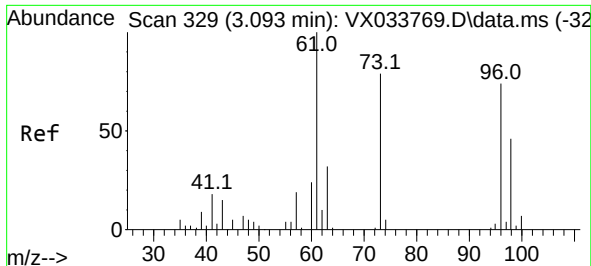
Reviewed By :John Carlone 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023



#18
 Methylene Chloride
 Concen: 49.505 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX033770.D
 Acq: 18 Jan 2023 13:24

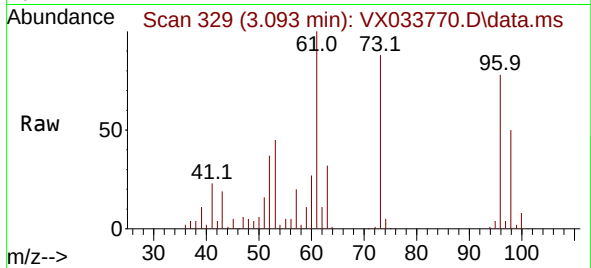
Tgt Ion: 84 Resp: 88940
 Ion Ratio Lower Upper
 84 100
 49 118.1 104.1 156.1
 51 36.8 29.2 43.8
 86 61.6 55.4 83.2





#19
trans-1,2-Dichloroethene
Concen: 49.419 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

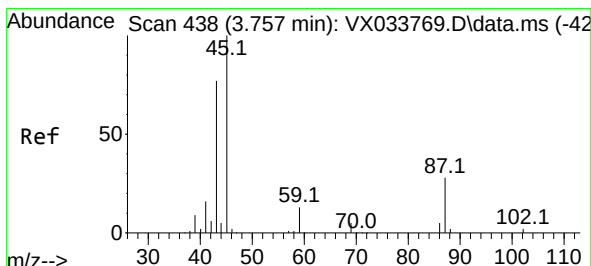
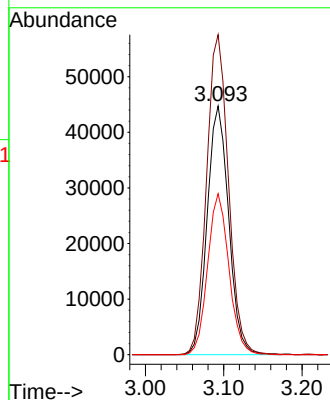
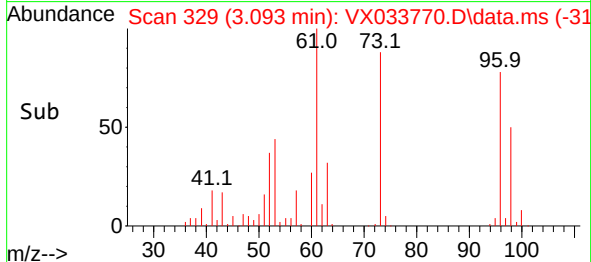
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 96 Resp: 8517
Ion Ratio Lower Upper
96 100
61 128.6 117.1 175.7
98 64.8 52.0 78.0

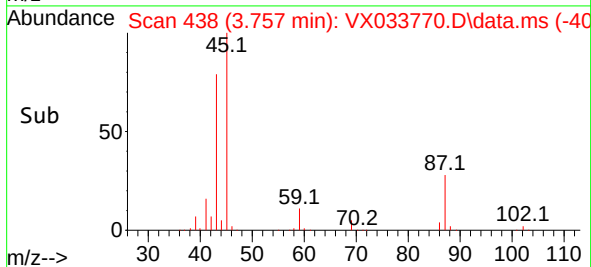
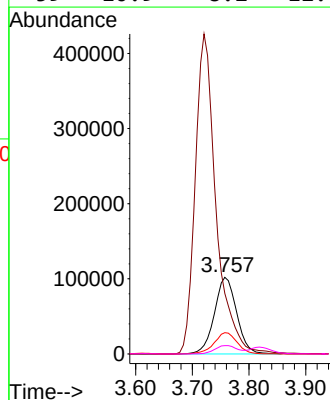
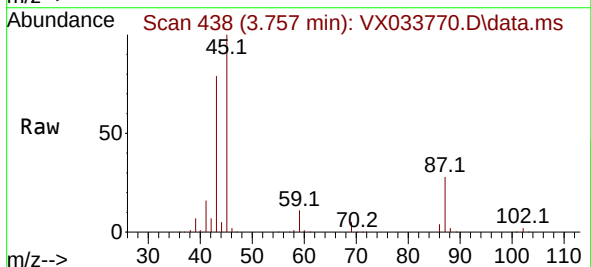
Manual Integrations
APPROVED

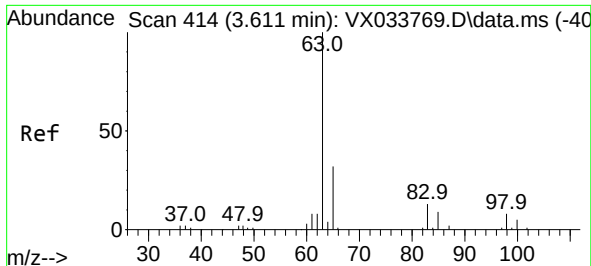
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#20
Diisopropyl ether
Concen: 47.214 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

Tgt Ion: 45 Resp: 278110
Ion Ratio Lower Upper
45 100
43 77.3 58.0 87.0
87 27.7 21.7 32.5
59 10.9 8.2 12.4





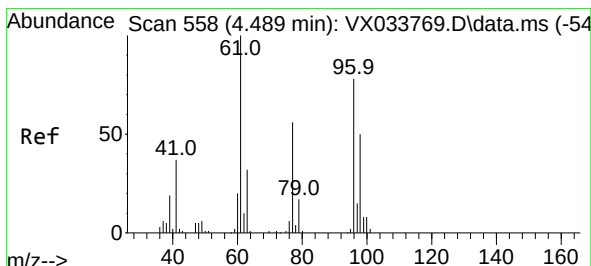
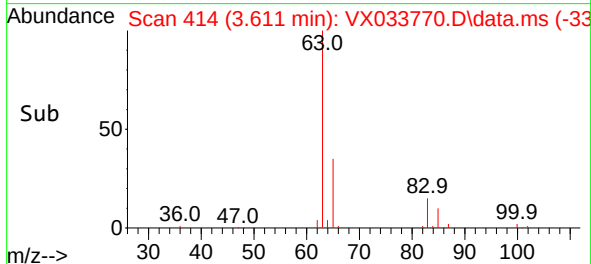
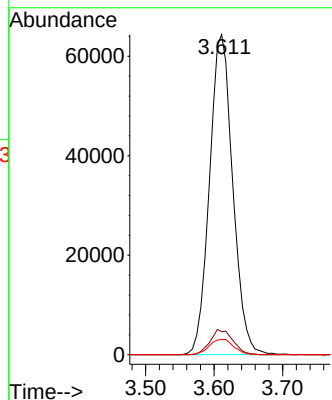
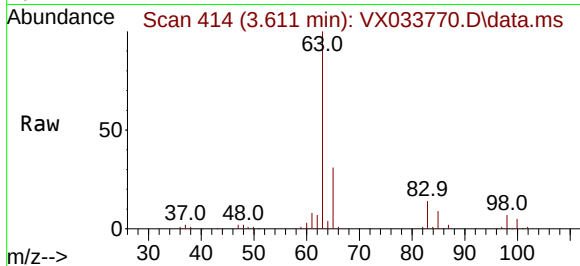
#21
1,1-Dichloroethane
Concen: 46.922 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 63 Resp: 15157
Ion Ratio Lower Upper
63 100
98 7.2 4.0 12.2
100 4.8 2.4 7.2

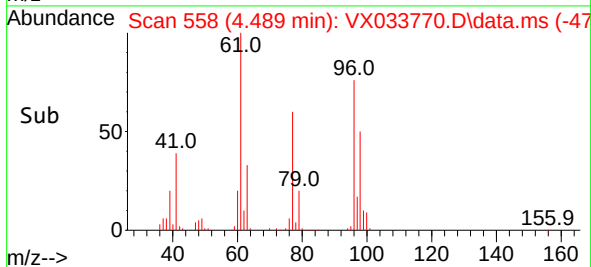
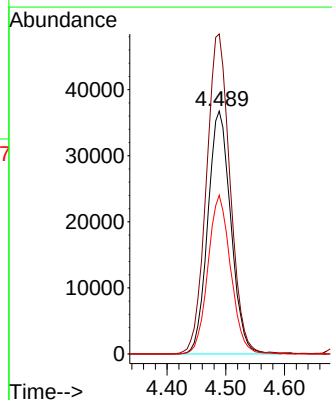
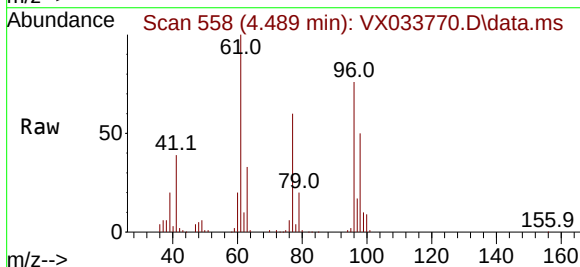
Manual Integrations
APPROVED

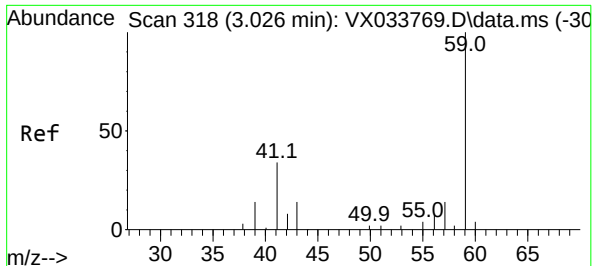
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#22
cis-1,2-Dichloroethene
Concen: 48.842 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

Tgt Ion: 96 Resp: 100108
Ion Ratio Lower Upper
96 100
61 135.5 114.2 171.2
98 64.2 51.4 77.0





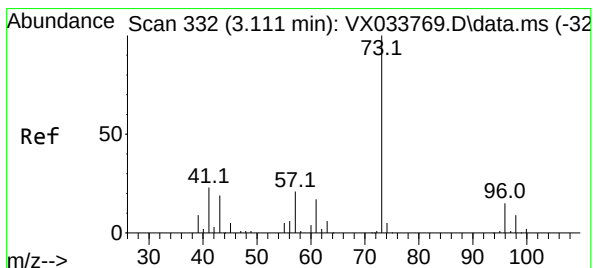
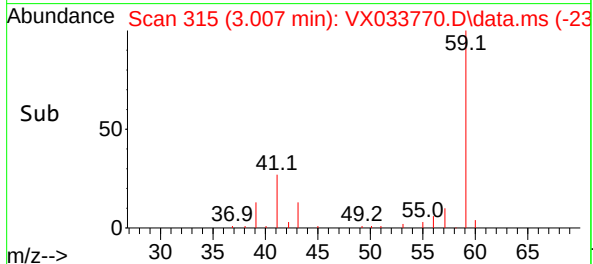
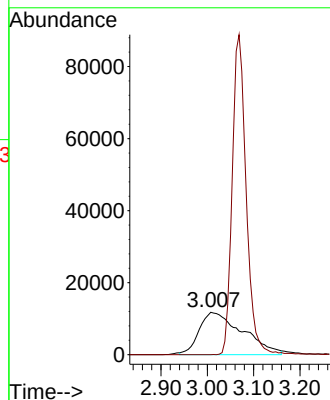
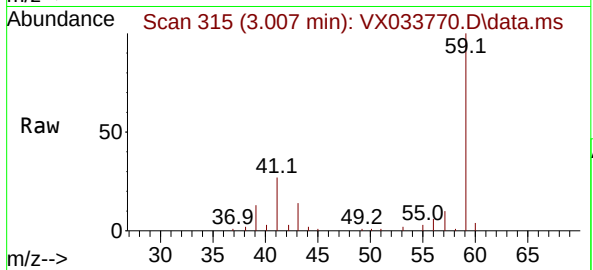
#23
tert-Butyl Alcohol
Concen: 219.784 ug/l m
RT: 3.007 min Scan# 318
Delta R.T. -0.037 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 59 Resp: 7688
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2

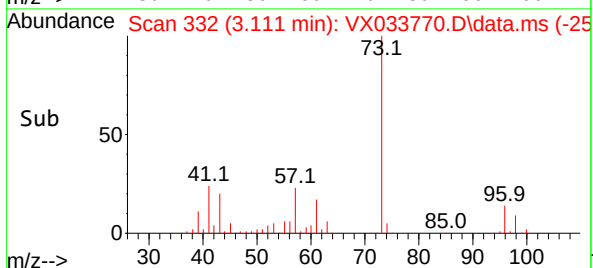
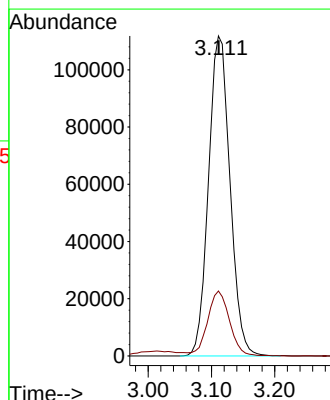
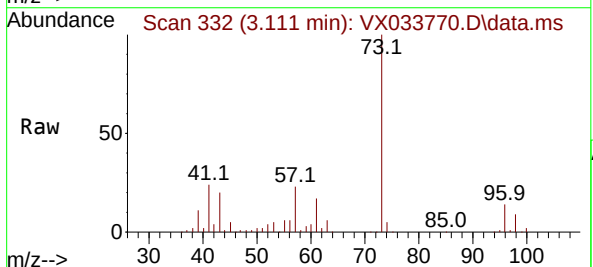
Manual Integrations
APPROVED

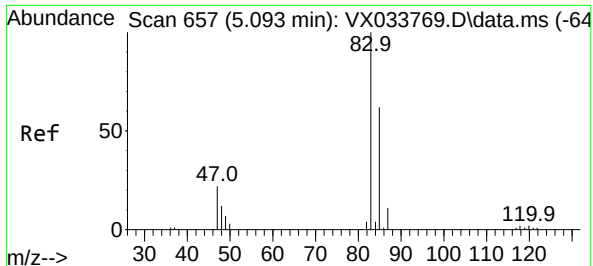
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#24
Methyl tert-Butyl Ether
Concen: 48.129 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

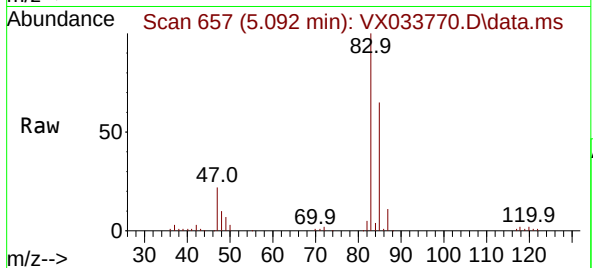
Tgt Ion: 73 Resp: 263656
Ion Ratio Lower Upper
73 100
43 20.3 18.1 27.1





#25
Chloroform
Concen: 46.836 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

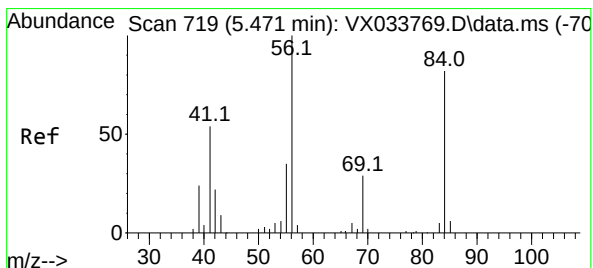
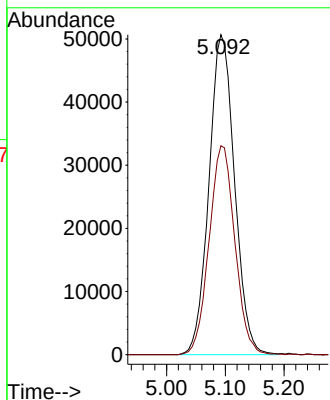
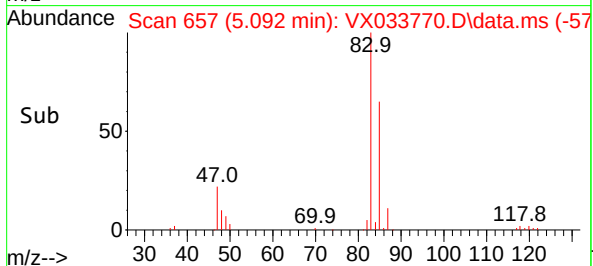
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



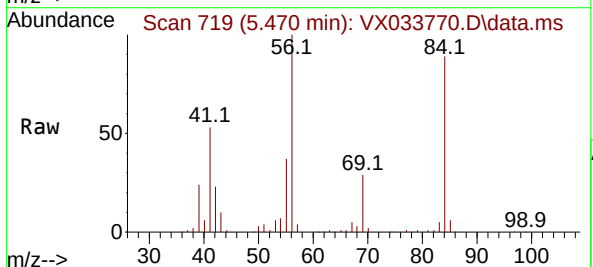
Tgt Ion: 83 Resp: 15356
Ion Ratio Lower Upper
83 100
85 65.3 53.9 80.9

Manual Integrations
APPROVED

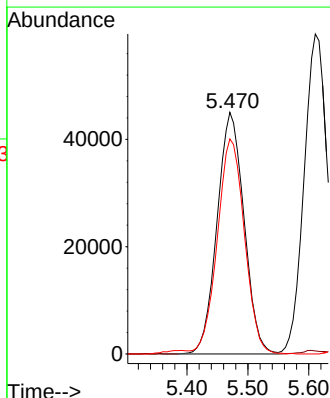
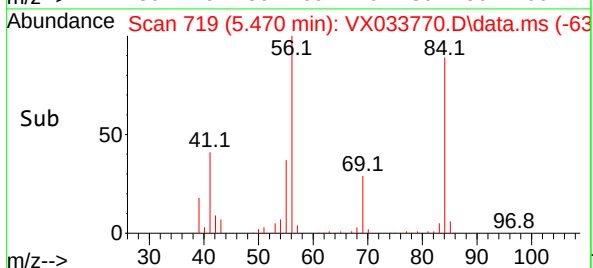
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

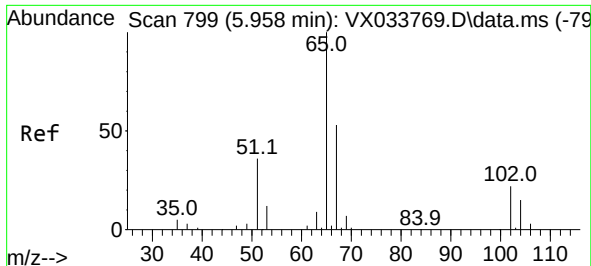


#26
Cyclohexane
Concen: 46.135 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24



Tgt Ion: 56 Resp: 138319
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.7 70.8 106.2





#27
1,2-Dichloroethane-d4
Concen: 27.986 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

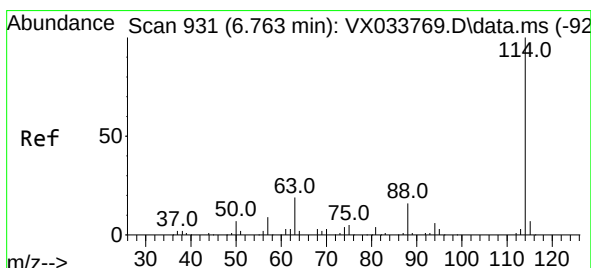
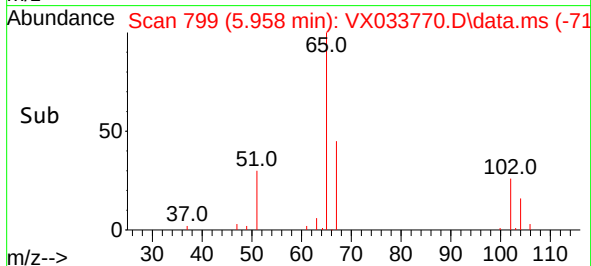
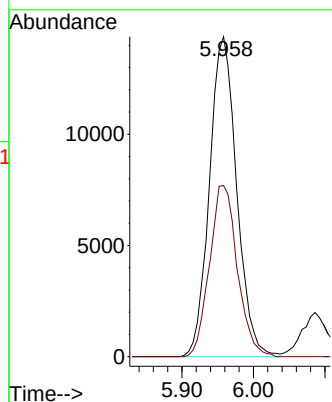
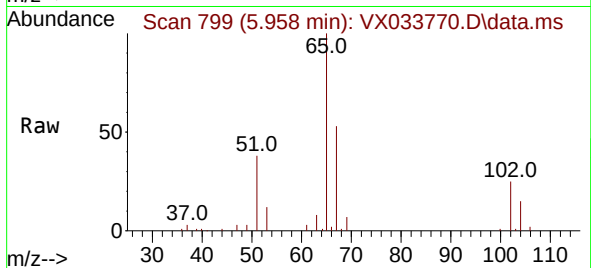
VSTDIC050

Tgt Ion: 65 Resp: 3805
Ion Ratio Lower Upper
65 100
67 54.6 40.4 60.6

Manual Integrations

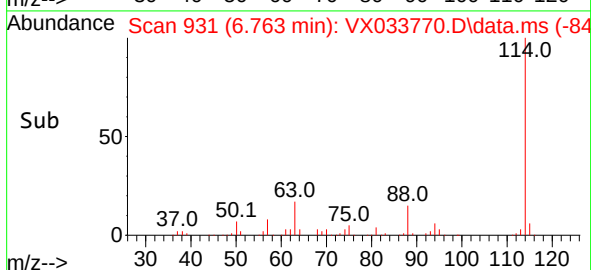
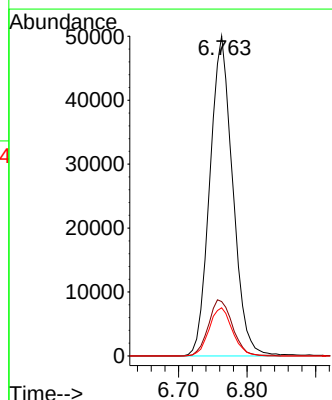
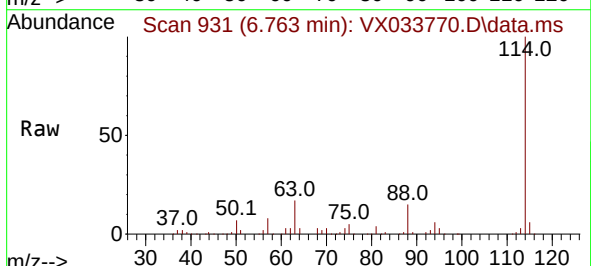
APPROVED

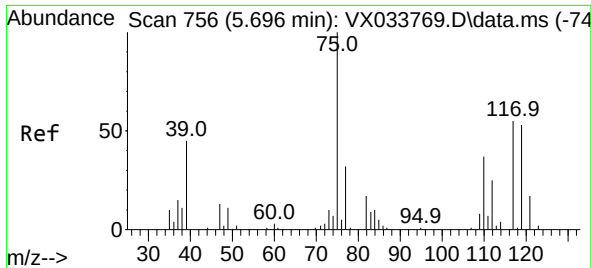
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

Tgt Ion:114 Resp: 116087
Ion Ratio Lower Upper
114 100
63 18.4 15.5 23.3
88 15.4 12.4 18.6





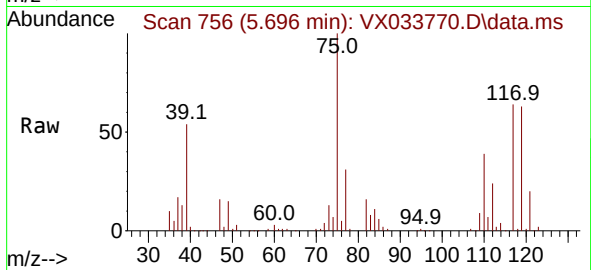
#29
1,1-Dichloropropene
Concen: 45.939 ug/l
RT: 5.696 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050



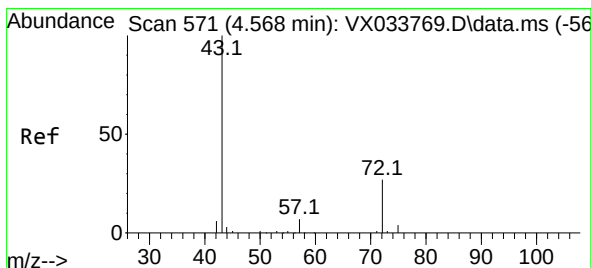
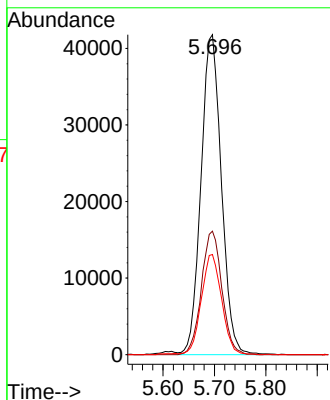
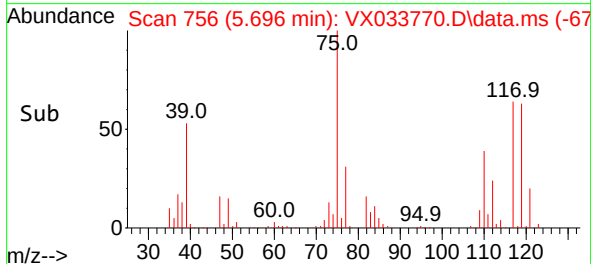
Tgt Ion: 75 Resp: 115274
Ion Ratio Lower Upper
75 100
110 38.6 0.0 71.4
77 31.1 0.0 61.0

Manual Integrations

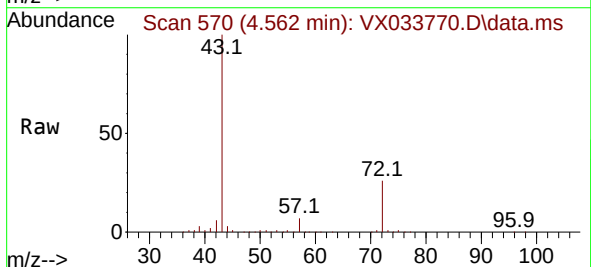
APPROVED

Reviewed By :John Carlone 01/19/2023

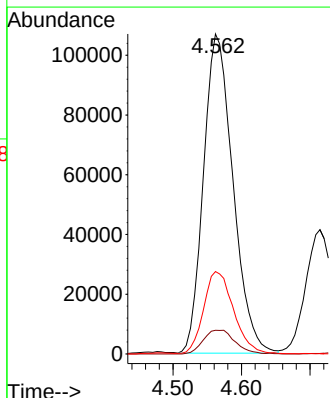
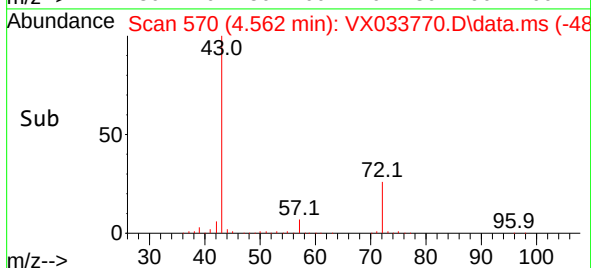
Supervised By :Mahesh Dadoda 01/19/2023

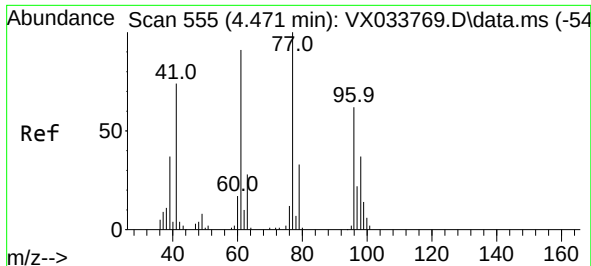


#30
2-Butanone
Concen: 243.719 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24



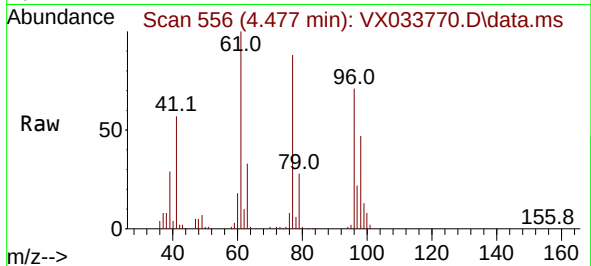
Tgt Ion: 43 Resp: 319371
Ion Ratio Lower Upper
43 100
57 8.0 3.4 5.2#
72 26.3 19.8 29.6





#31
2,2-Dichloropropane
Concen: 51.035 ug/l
RT: 4.477 min Scan# 511
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

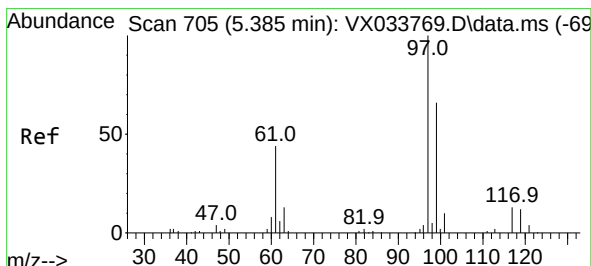
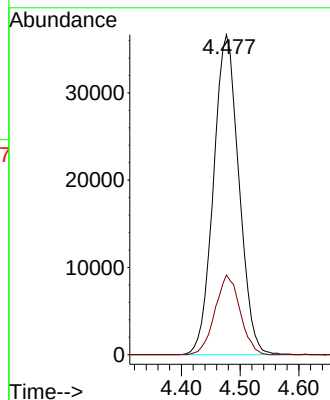
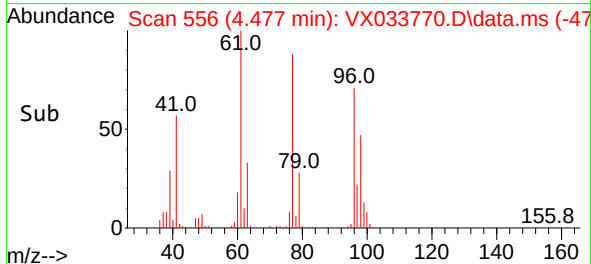
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 77 Resp: 110258
Ion Ratio Lower Upper
77 100
97 24.5 19.0 28.6

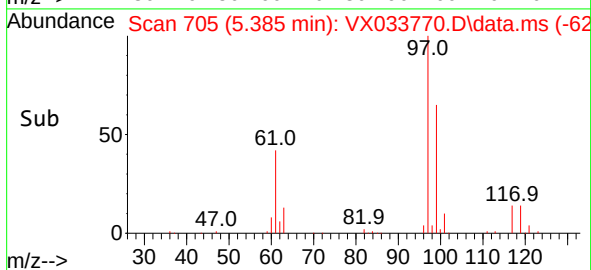
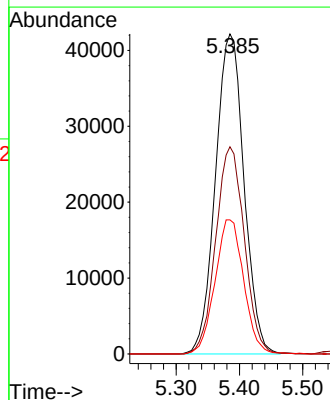
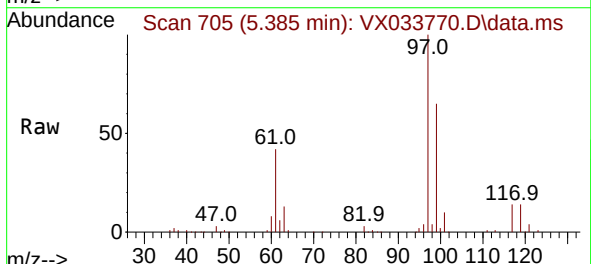
Manual Integrations
APPROVED

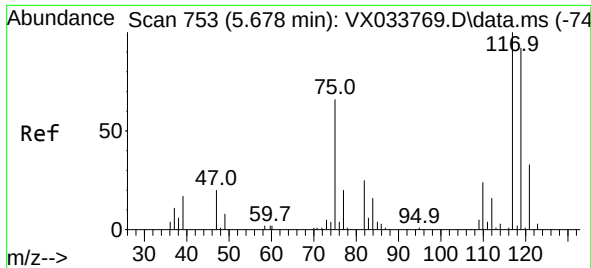
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#32
1,1,1-Trichloroethane
Concen: 45.121 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

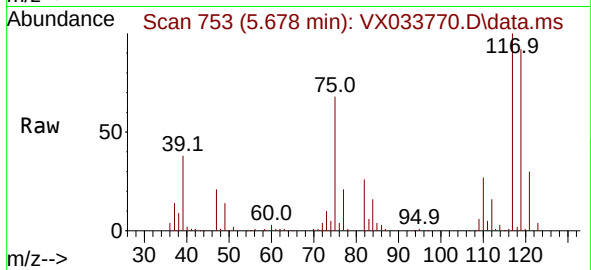
Tgt Ion: 97 Resp: 132185
Ion Ratio Lower Upper
97 100
99 64.7 52.0 78.0
61 42.0 35.4 53.2





#33
Carbon Tetrachloride
Concen: 44.934 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

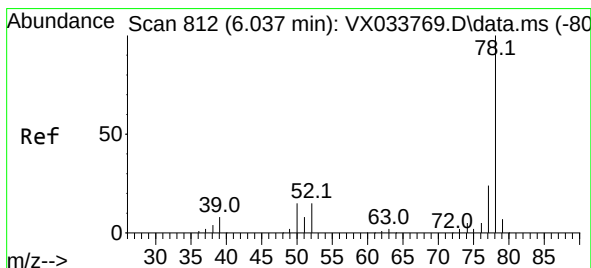
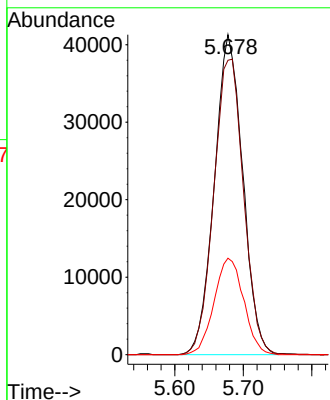
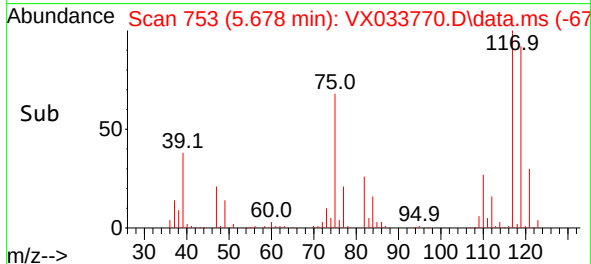
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:117 Resp: 118810
Ion Ratio Lower Upper
117 100
119 92.0 74.8 112.2
121 30.1 23.8 35.8

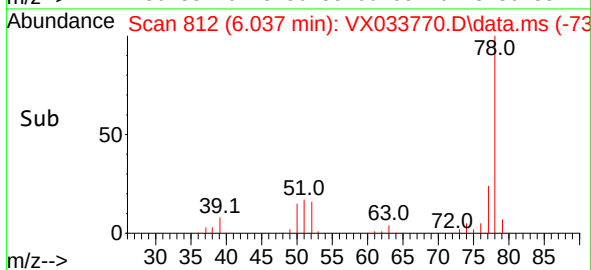
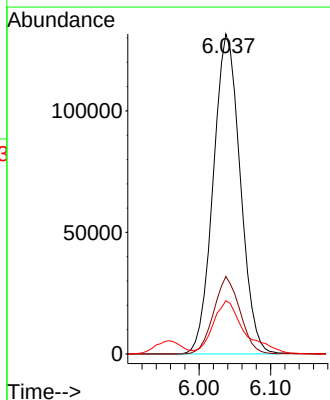
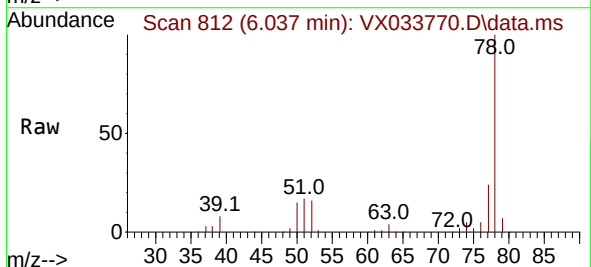
Manual Integrations
APPROVED

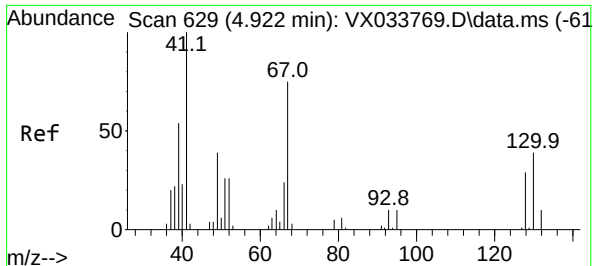
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#34
Benzene
Concen: 47.342 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

Tgt Ion: 78 Resp: 345115
Ion Ratio Lower Upper
78 100
77 24.2 19.5 29.3
51 15.3 13.0 19.6





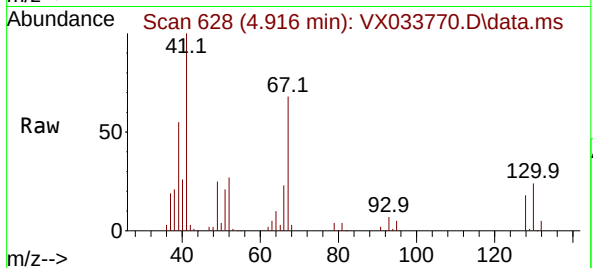
#35
Methacrylonitrile
Concen: 47.361 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

Instrument :

MSVOA_X

Client Sample Id :

VSTDIC050



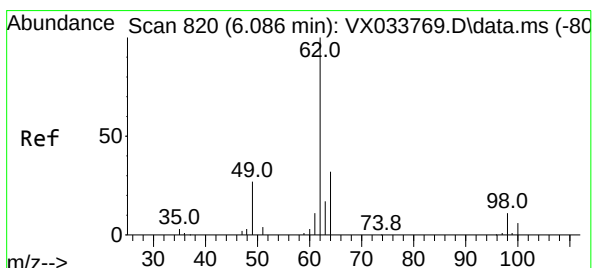
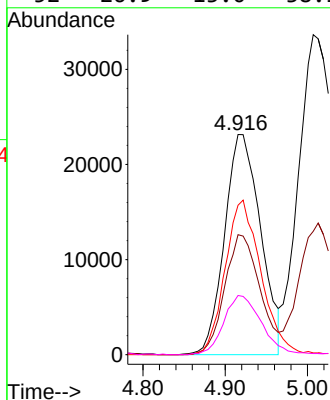
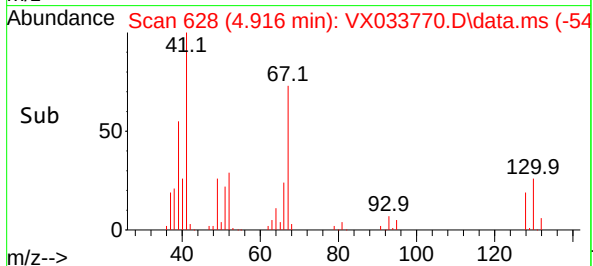
Tgt Ion: 41 Resp: 7071
Ion Ratio Lower Upper
41 100
39 54.5 28.6 85.9
67 67.9 34.8 104.3
52 26.9 13.0 38.9

Manual Integrations

APPROVED

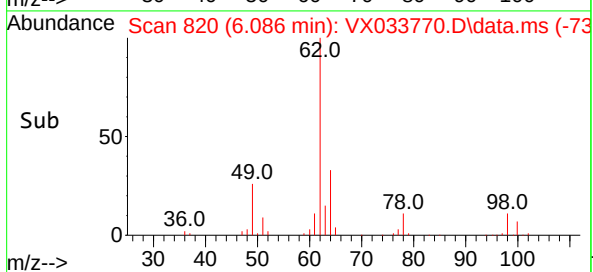
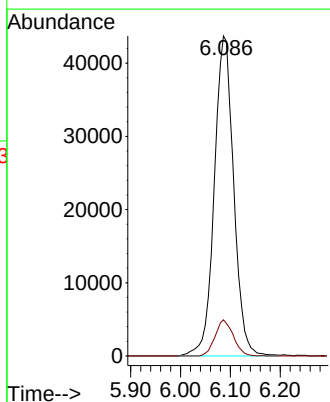
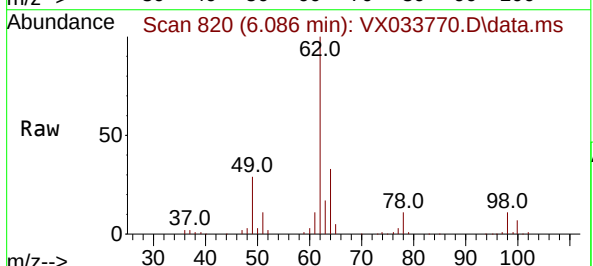
Reviewed By :John Carlone 01/19/2023

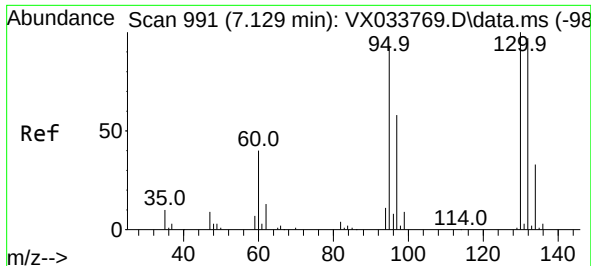
Supervised By :Mahesh Dadoda 01/19/2023



#36
1,2-Dichloroethane
Concen: 44.601 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

Tgt Ion: 62 Resp: 118192
Ion Ratio Lower Upper
62 100
98 10.6 7.4 11.0





#37

Trichloroethene

Concen: 47.982 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX033770.D

Acq: 18 Jan 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion:130 Resp: 100870

Ion Ratio Lower Upper

130 100

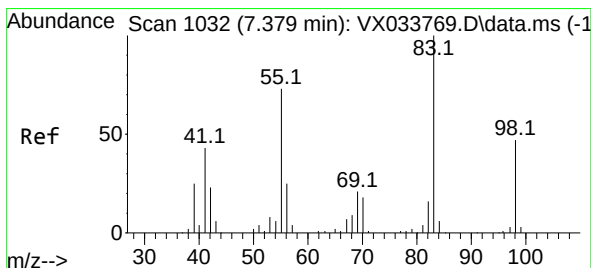
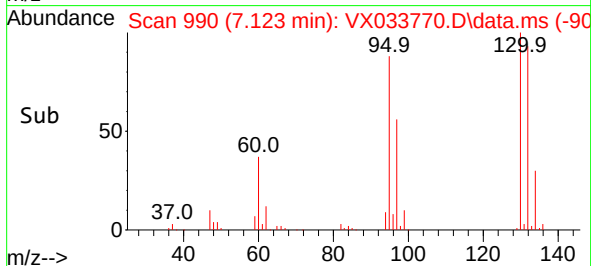
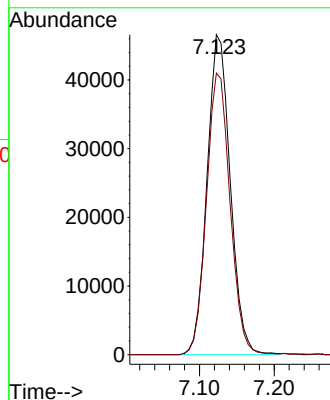
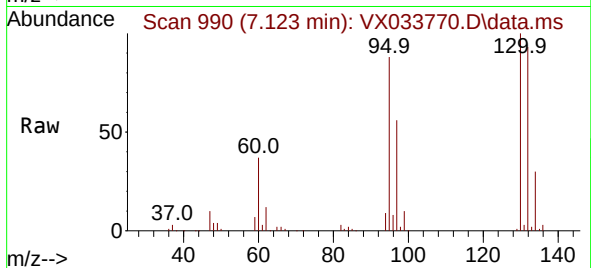
95 88.0 73.1 109.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#38

Methylcyclohexane

Concen: 47.031 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX033770.D

Acq: 18 Jan 2023 13:24

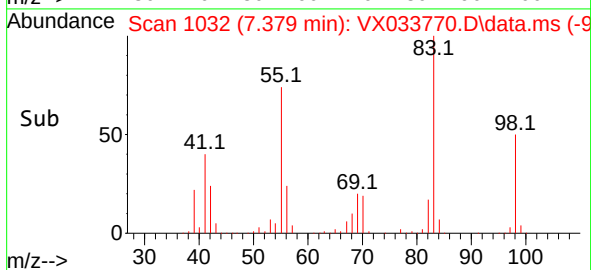
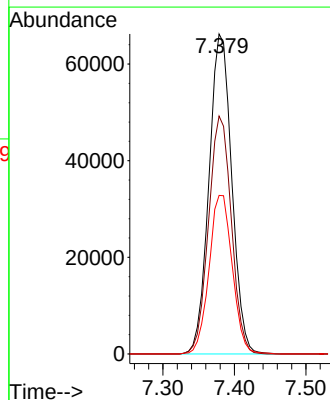
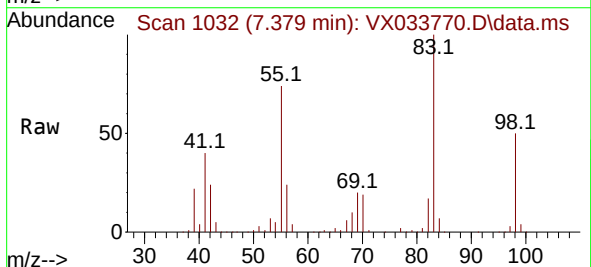
Tgt Ion: 83 Resp: 146745

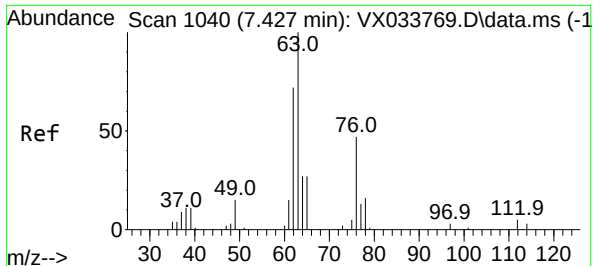
Ion Ratio Lower Upper

83 100

55 74.3 38.6 115.7

98 50.5 25.3 75.8





#39

1,2-Dichloropropane

Concen: 47.800 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX033770.D

Acq: 18 Jan 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 8905

Ion Ratio Lower Upper

63 100

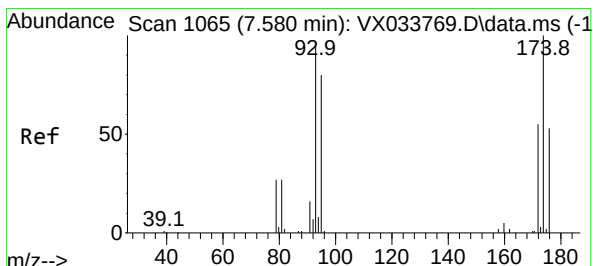
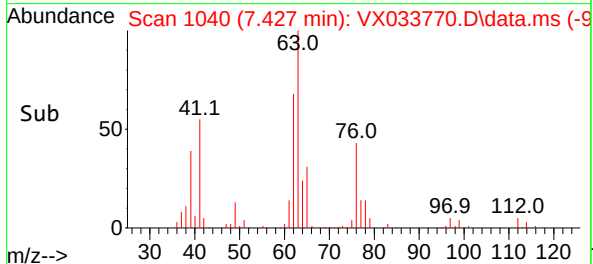
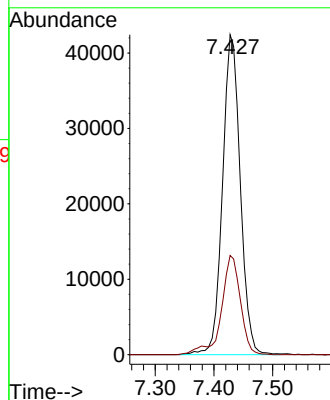
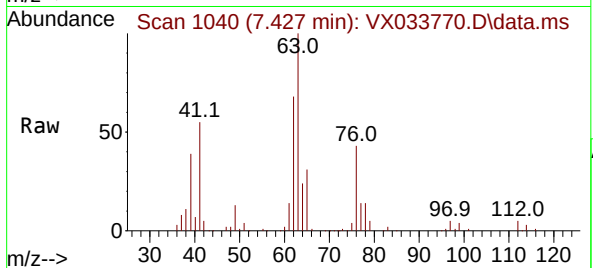
65 31.0 23.2 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#40

Dibromomethane

Concen: 47.484 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX033770.D

Acq: 18 Jan 2023 13:24

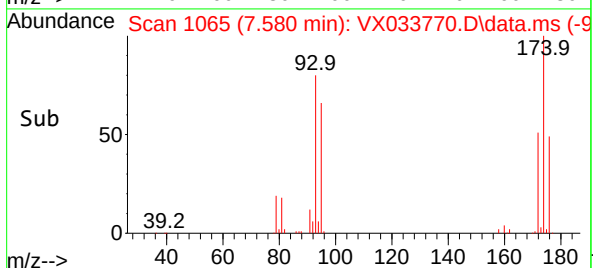
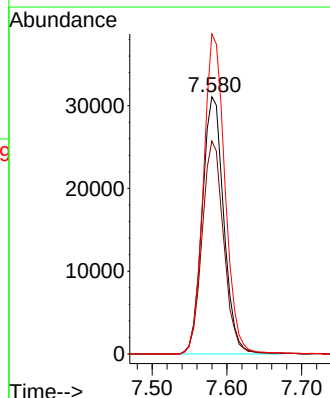
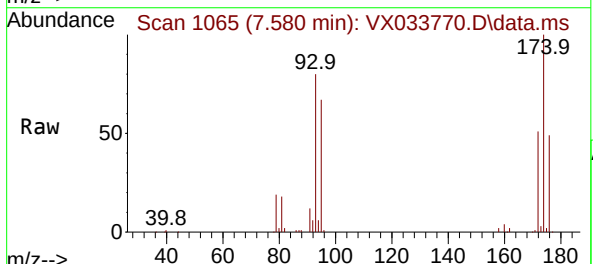
Tgt Ion: 93 Resp: 62170

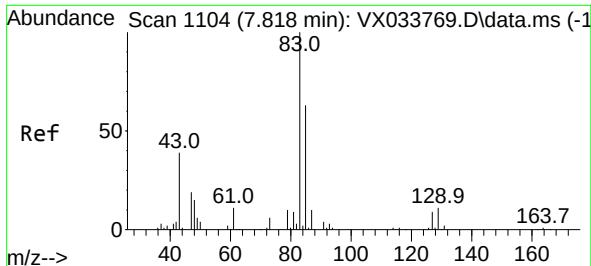
Ion Ratio Lower Upper

93 100

95 82.8 0.0 166.4

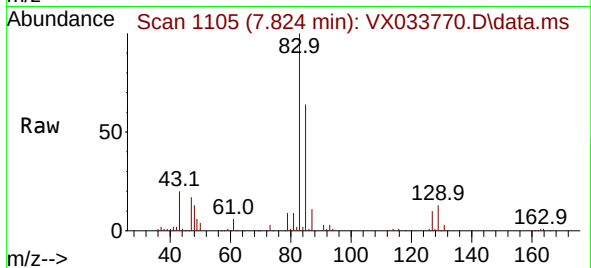
174 124.2 0.0 233.8





#41
Bromodichloromethane
Concen: 46.187 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

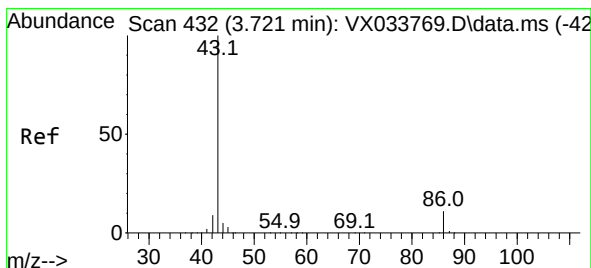
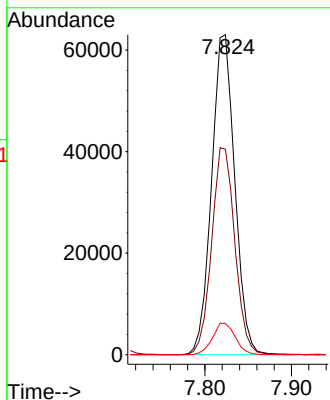
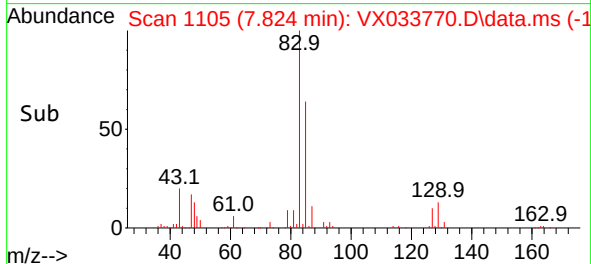
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 83 Resp: 117292
Ion Ratio Lower Upper
83 100
85 64.2 52.0 78.0
127 9.7 7.4 11.0

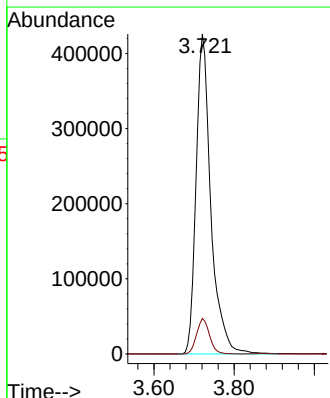
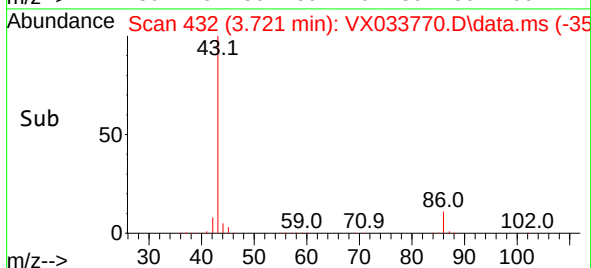
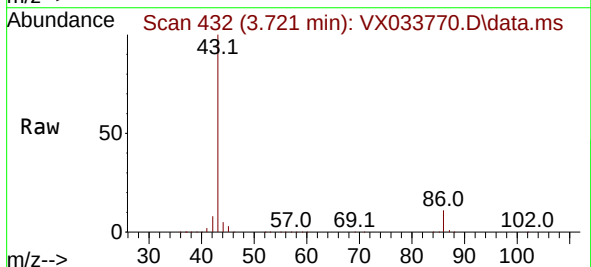
Manual Integrations
APPROVED

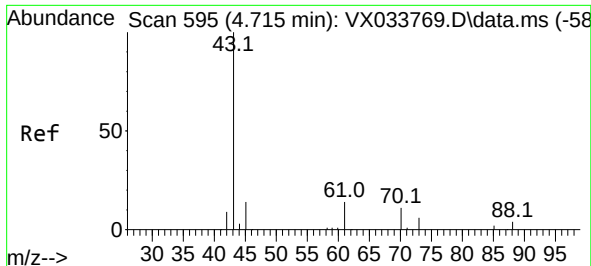
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#42
Vinyl Acetate
Concen: 232.705 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

Tgt Ion: 43 Resp: 1089723
Ion Ratio Lower Upper
43 100
86 9.7 7.2 10.8





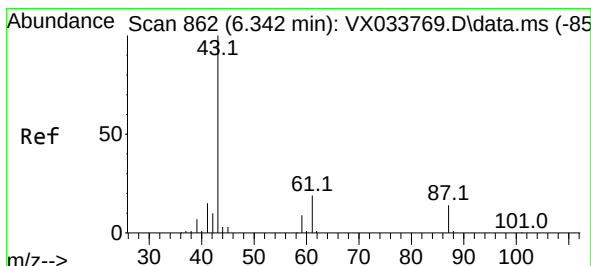
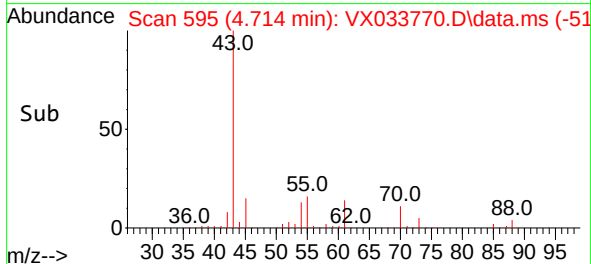
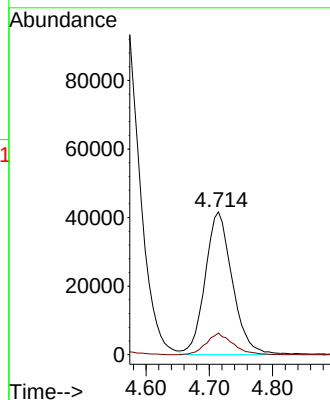
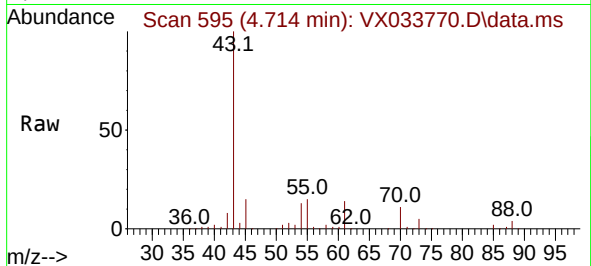
#43
Ethyl Acetate
Concen: 46.061 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 43 Resp: 123678
Ion Ratio Lower Upper
43 100
45 14.8 11.2 16.8

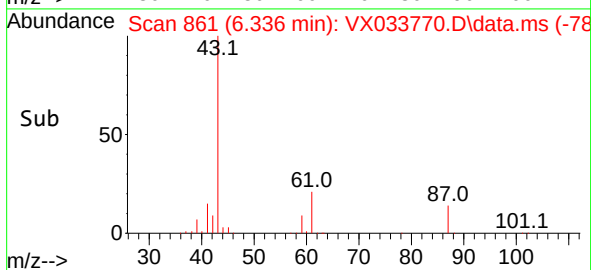
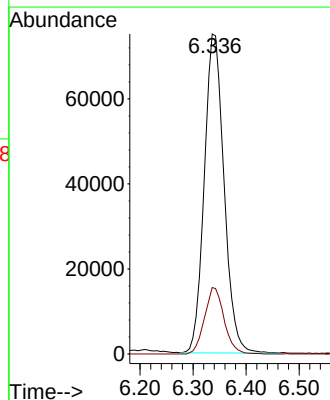
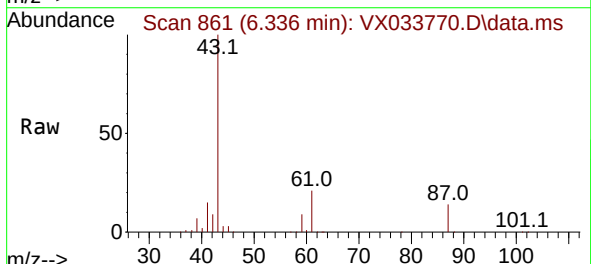
Manual Integrations
APPROVED

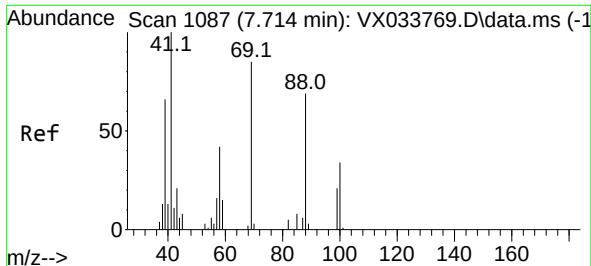
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#44
Isopropyl Acetate
Concen: 46.149 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

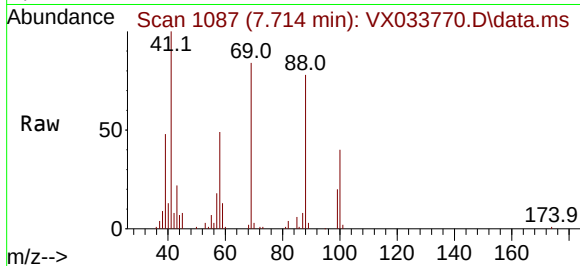
Tgt Ion: 43 Resp: 194408
Ion Ratio Lower Upper
43 100
61 20.6 15.4 23.2





#45
1,4-Dioxane
Concen: 908.716 ug/l m
RT: 7.714 min Scan# 1087
Delta R.T. -0.018 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

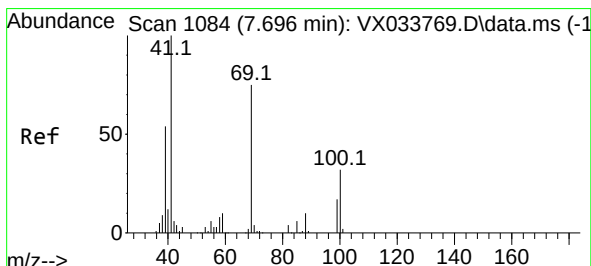
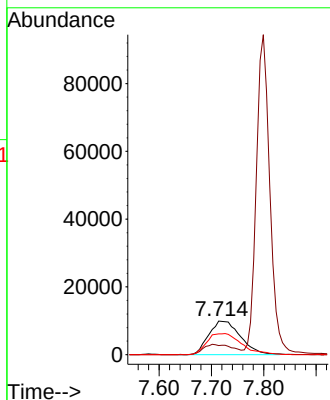
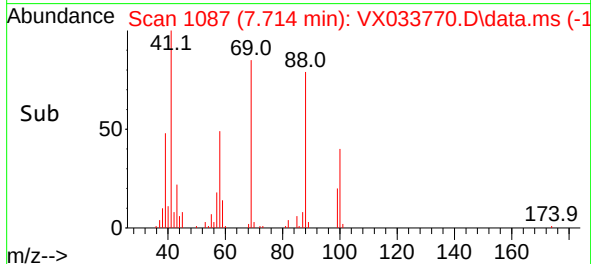
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 88 Resp: 41763
Ion Ratio Lower Upper
88 100
43 15.1 1.2 1.8
58 68.5 8.5 12.7

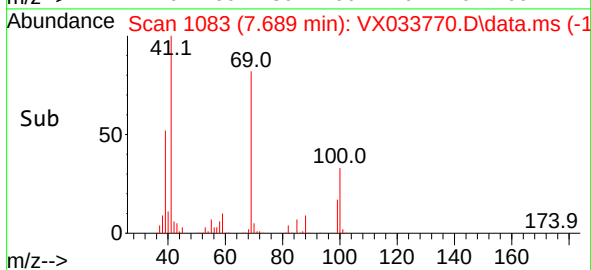
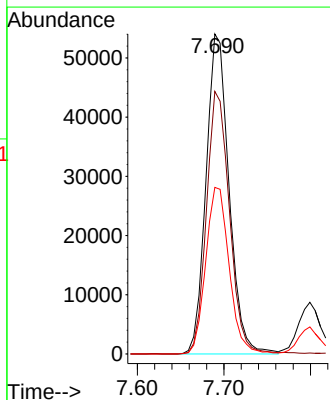
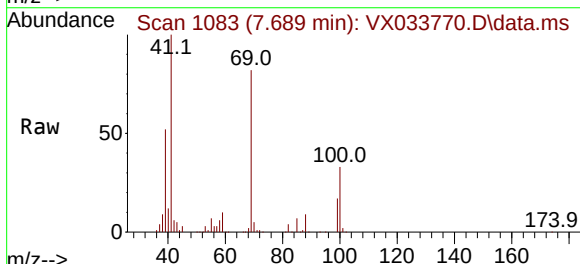
Manual Integrations
APPROVED

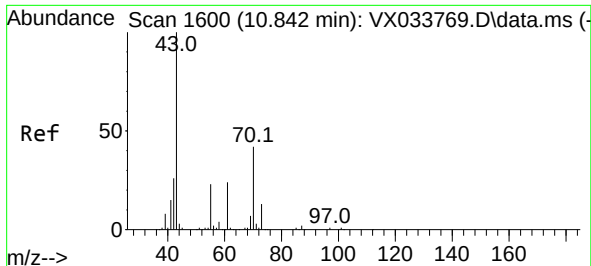
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#46
Methyl methacrylate
Concen: 46.823 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

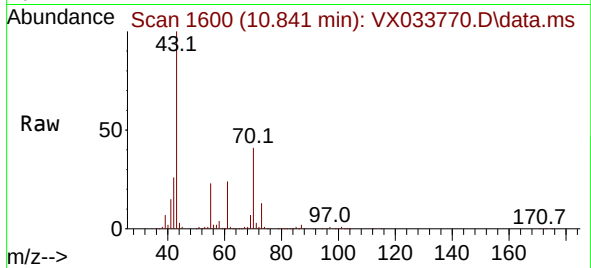
Tgt Ion: 41 Resp: 99866
Ion Ratio Lower Upper
41 100
69 82.1 39.1 117.3
39 52.0 27.7 83.0





#47
n-amyl acetate
Concen: 48.863 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

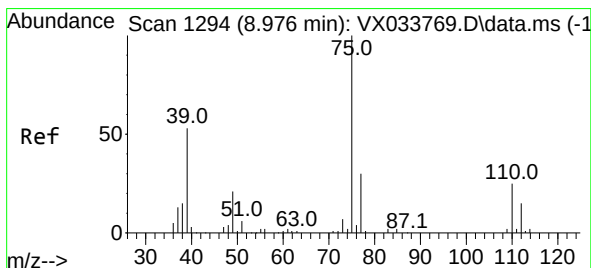
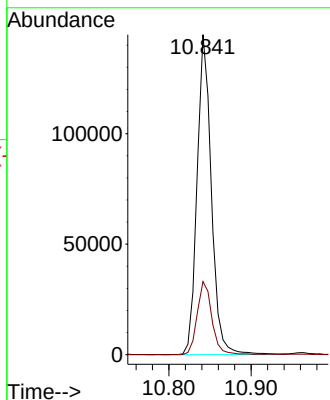
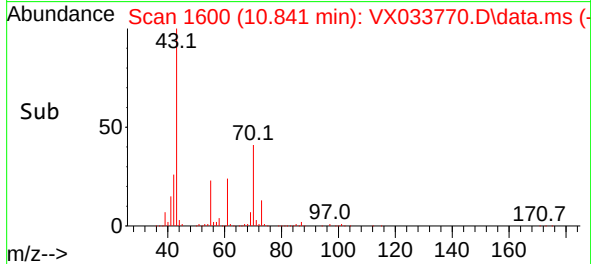
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 43 Resp: 17525
Ion Ratio Lower Upper
43 100
55 23.4 19.3 28.9

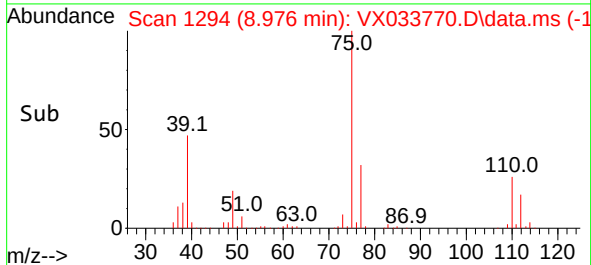
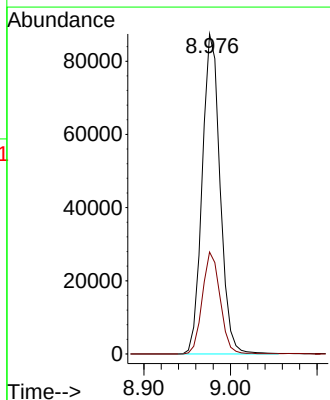
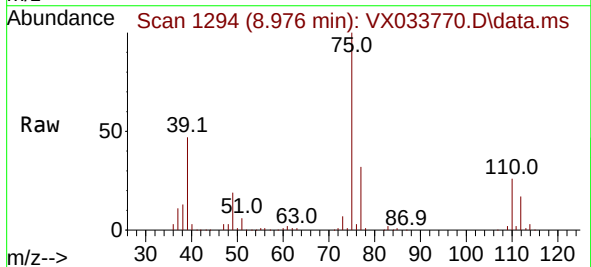
Manual Integrations
APPROVED

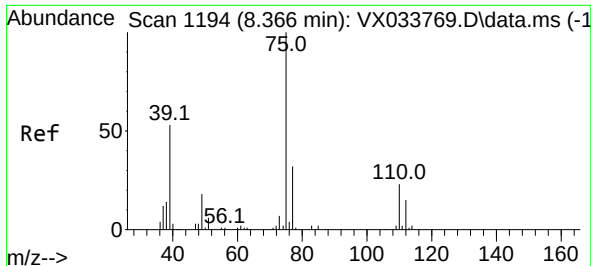
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#48
t-1,3-Dichloropropene
Concen: 48.342 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

Tgt Ion: 75 Resp: 125440
Ion Ratio Lower Upper
75 100
77 31.8 26.5 39.7





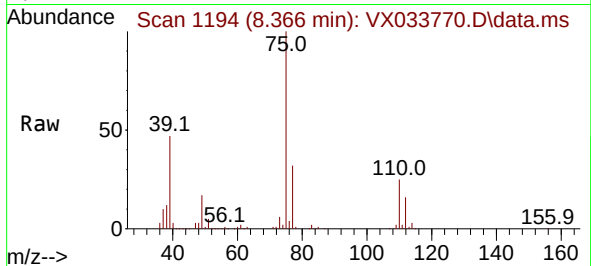
#49
 cis-1,3-Dichloropropene
 Concen: 48.480 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX033770.D
 Acq: 18 Jan 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050



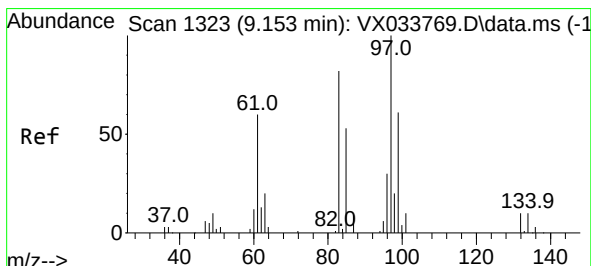
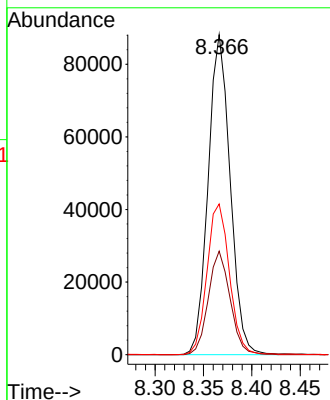
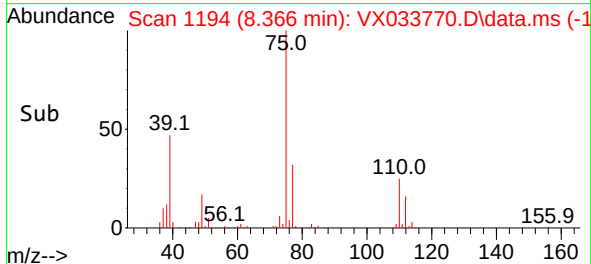
Tgt Ion: 75 Resp: 13971
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.7 37.1
 39 47.0 40.7 61.1

Manual Integrations

APPROVED

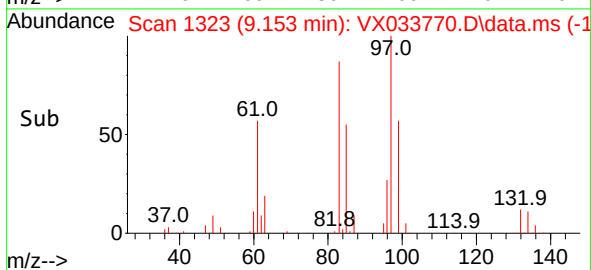
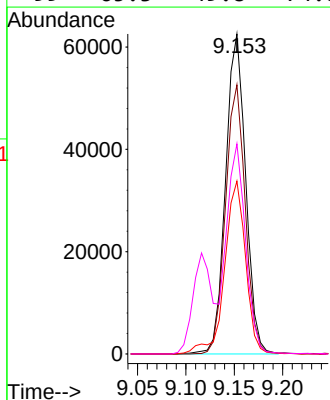
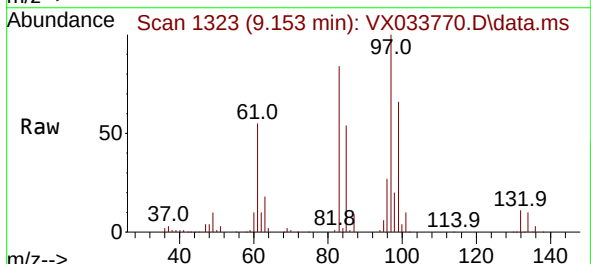
Reviewed By :John Carlone 01/19/2023

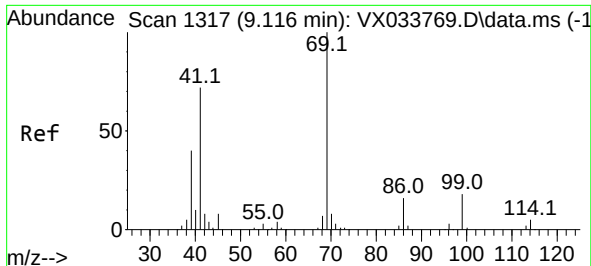
Supervised By :Mahesh Dadoda 01/19/2023



#50
 1,1,2-Trichloroethane
 Concen: 47.495 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. -0.000 min
 Lab File: VX033770.D
 Acq: 18 Jan 2023 13:24

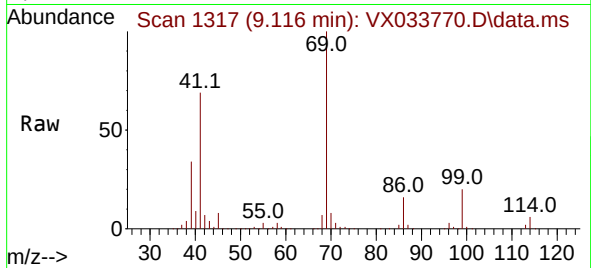
Tgt Ion: 97 Resp: 90265
 Ion Ratio Lower Upper
 97 100
 83 84.1 63.0 94.4
 85 53.9 42.8 64.2
 99 65.3 49.8 74.8





#51
Ethyl methacrylate
Concen: 48.113 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

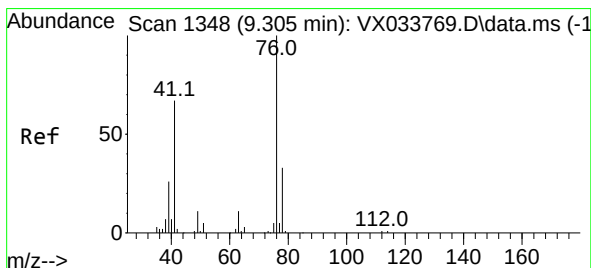
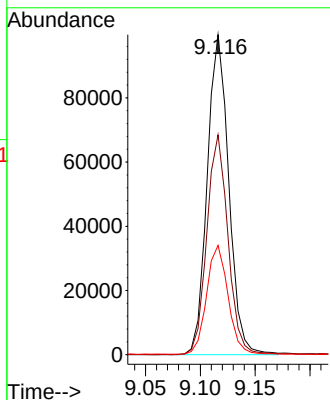
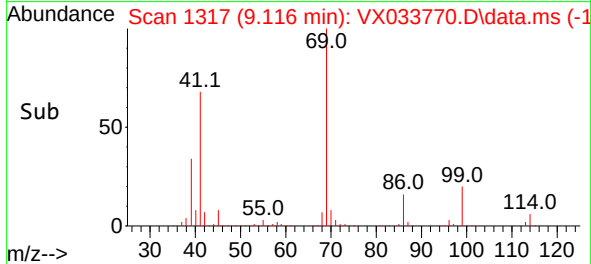
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 69 Resp: 136350
Ion Ratio Lower Upper
69 100
41 68.6 34.3 102.9
39 34.0 18.3 54.9

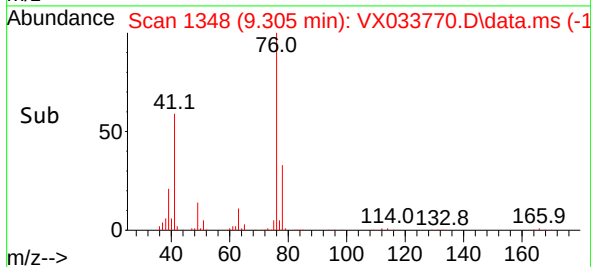
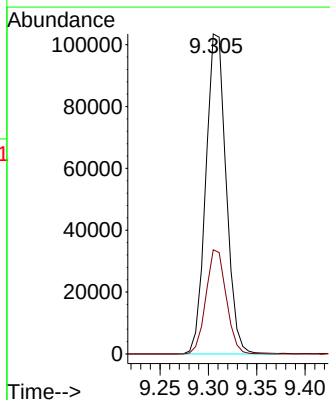
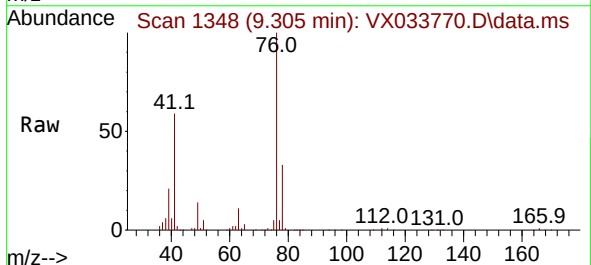
Manual Integrations
APPROVED

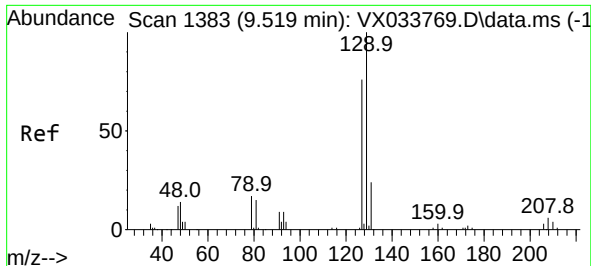
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#52
1,3-Dichloropropane
Concen: 47.354 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

Tgt Ion: 76 Resp: 150736
Ion Ratio Lower Upper
76 100
78 32.6 0.0 64.6





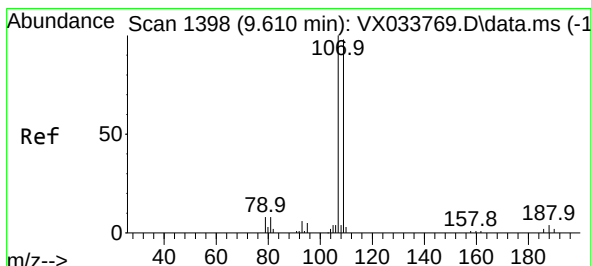
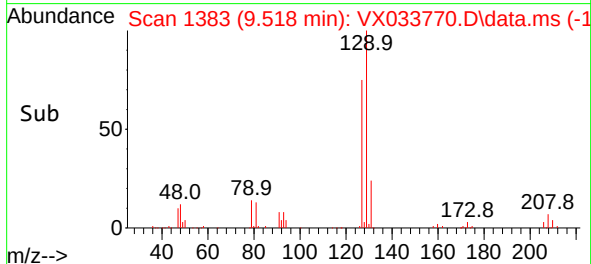
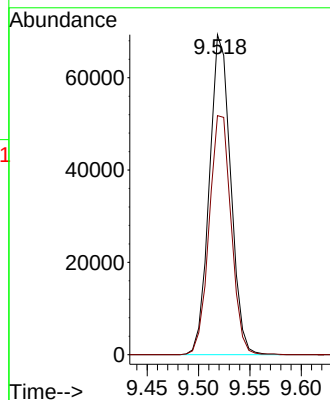
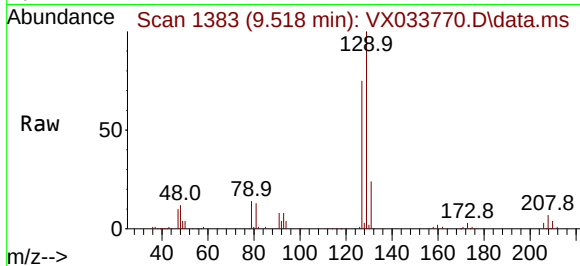
#53
Dibromochloromethane
Concen: 48.239 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:129 Resp: 99925
Ion Ratio Lower Upper
129 100
127 77.0 39.8 119.4

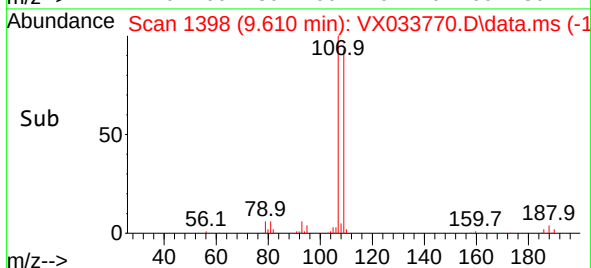
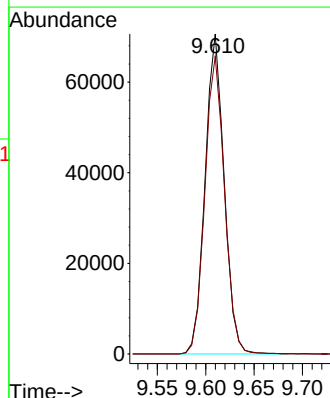
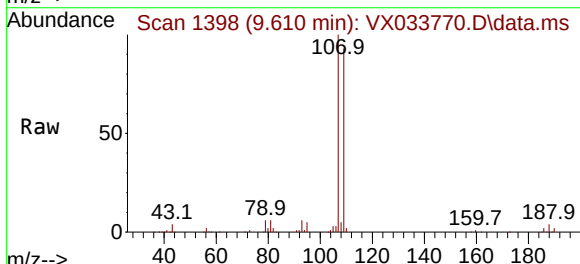
Manual Integrations
APPROVED

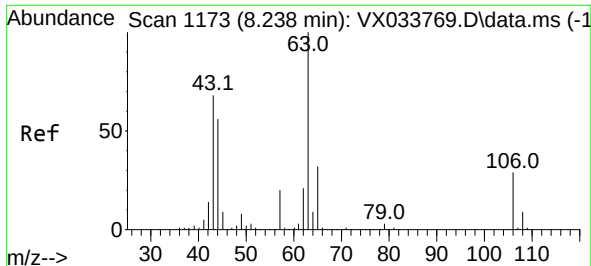
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#54
1,2-Dibromoethane
Concen: 47.795 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

Tgt Ion:107 Resp: 97078
Ion Ratio Lower Upper
107 100
109 95.4 76.4 114.6





#55

2-Chloroethyl vinyl ether

Concen: 227.366 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX033770.D

Acq: 18 Jan 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 311508

Ion Ratio Lower Upper

63 100

65 32.6 26.2 39.4

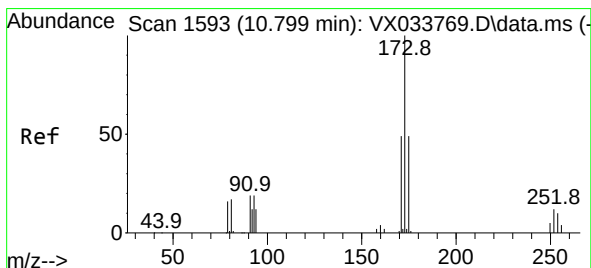
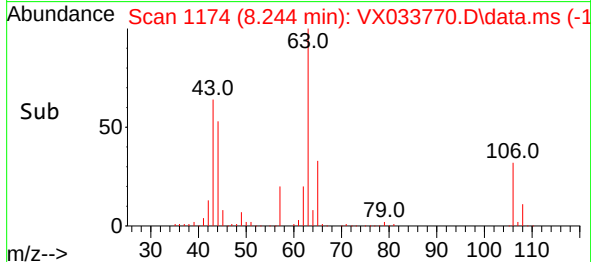
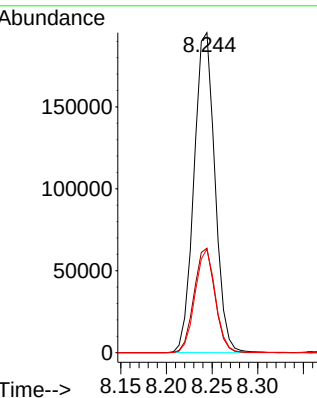
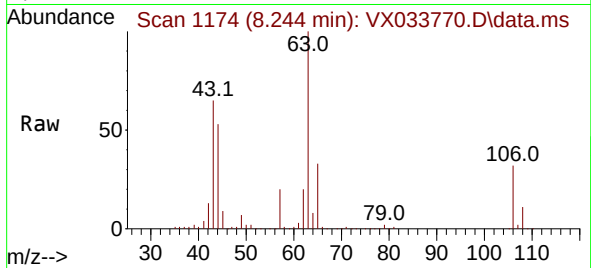
106 31.5 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#56

Bromoform

Concen: 50.174 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX033770.D

Acq: 18 Jan 2023 13:24

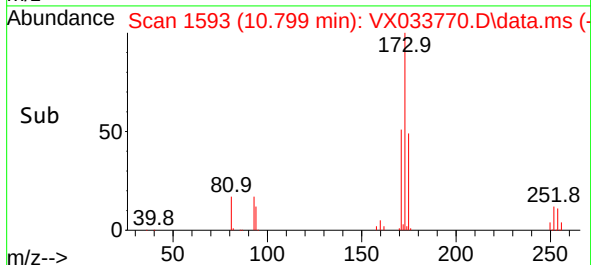
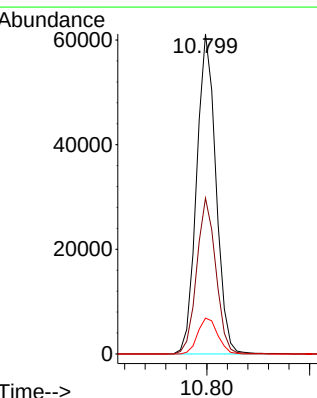
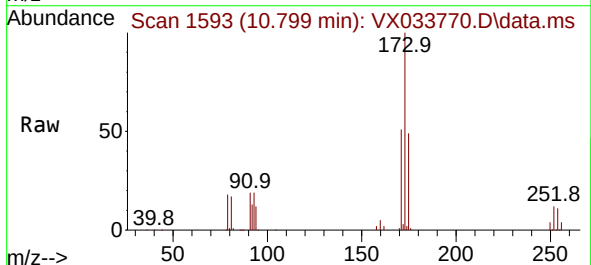
Tgt Ion:173 Resp: 79799

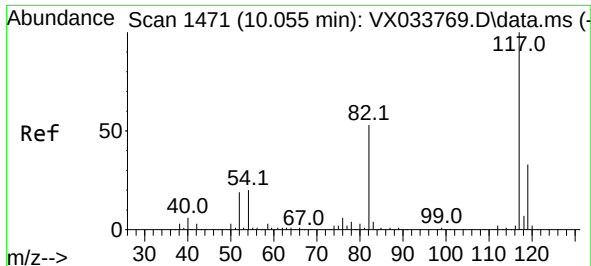
Ion Ratio Lower Upper

173 100

175 48.1 38.2 57.4

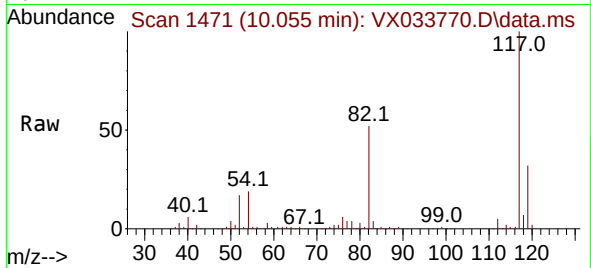
254 11.5 8.6 13.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

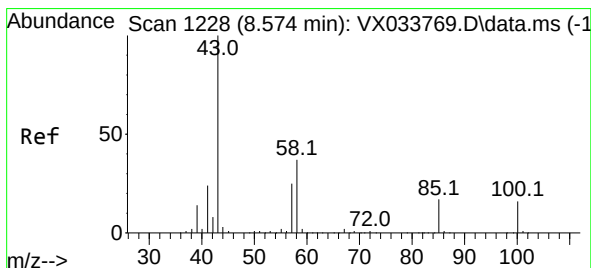
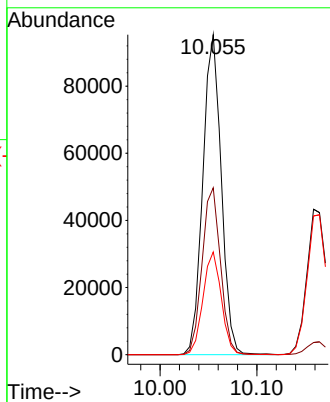
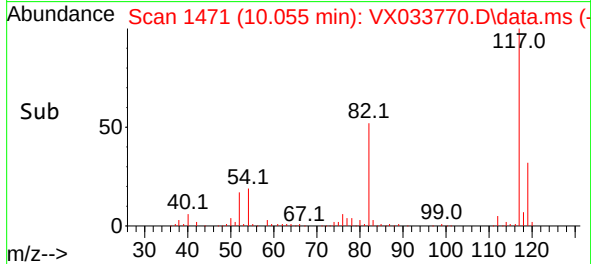
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 117 Resp: 12685
Ion Ratio Lower Upper
117 100
82 52.1 41.9 62.9
119 31.9 25.6 38.4

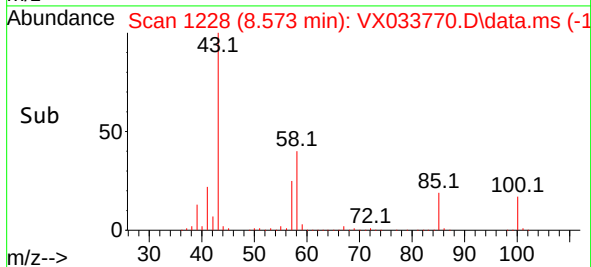
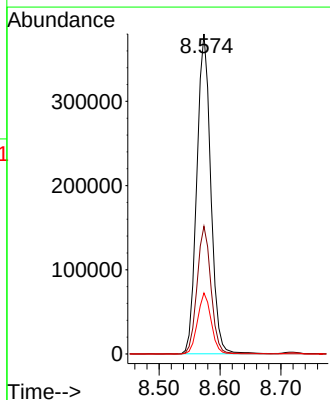
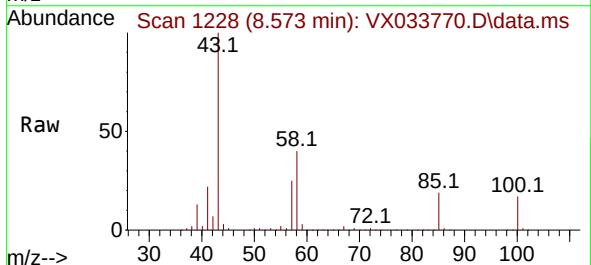
Manual Integrations
APPROVED

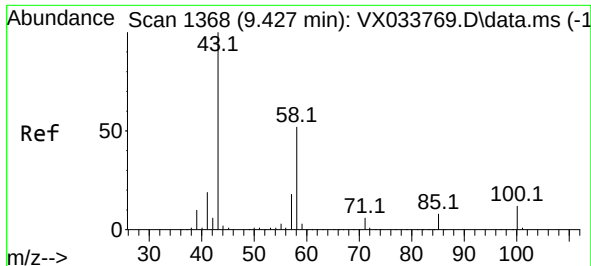
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#58
4-Methyl-2-Pentanone
Concen: 239.977 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

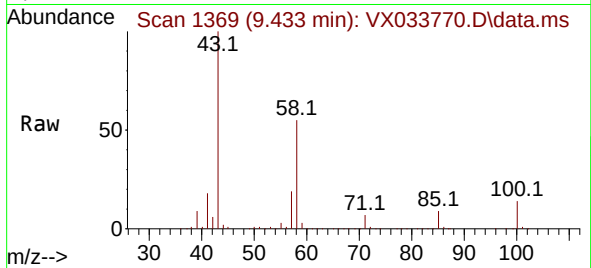
Tgt Ion: 43 Resp: 604728
Ion Ratio Lower Upper
43 100
58 39.6 30.2 45.4
85 18.6 13.8 20.8





#59
2-Hexanone
Concen: 245.689 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

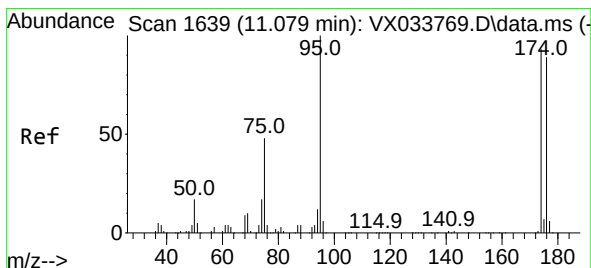
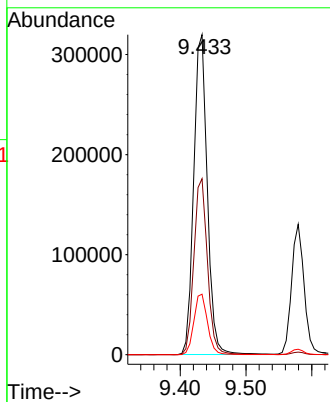
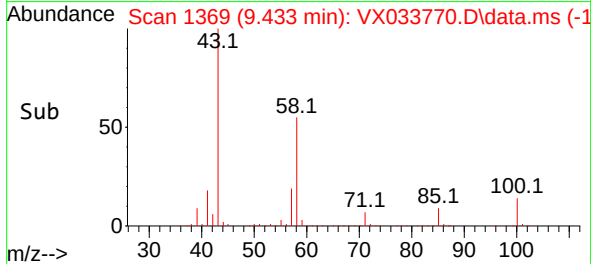
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 43 Resp: 455640
Ion Ratio Lower Upper
43 100
58 55.0 42.9 64.3
57 19.0 15.0 22.6

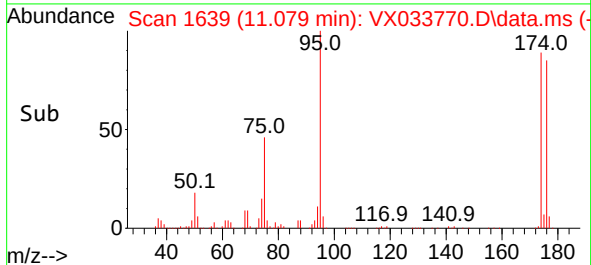
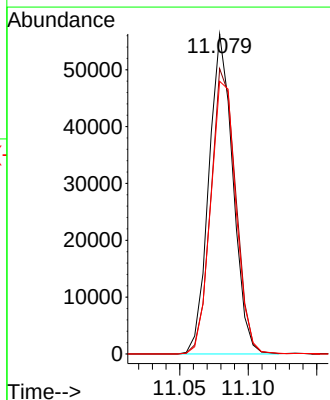
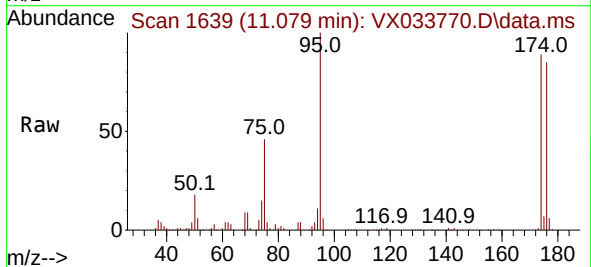
Manual Integrations
APPROVED

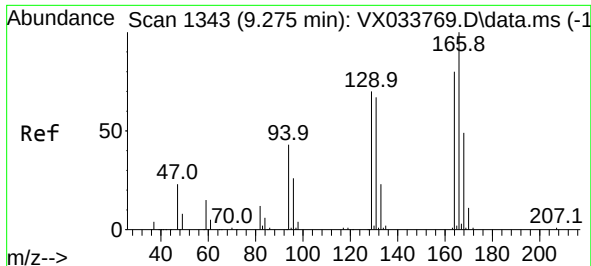
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#60
4-Bromofluorobenzene
Concen: 30.097 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

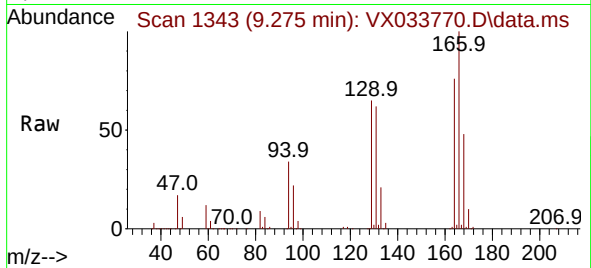
Tgt Ion: 95 Resp: 68813
Ion Ratio Lower Upper
95 100
174 92.2 73.7 110.5
176 89.8 71.0 106.4





#61
Tetrachloroethene
Concen: 48.842 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

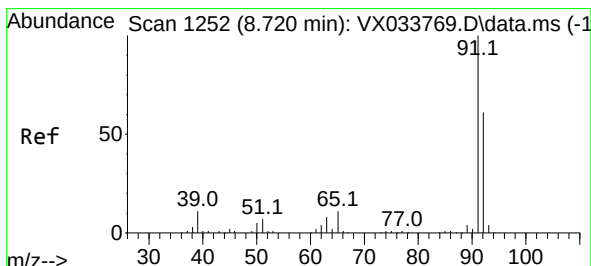
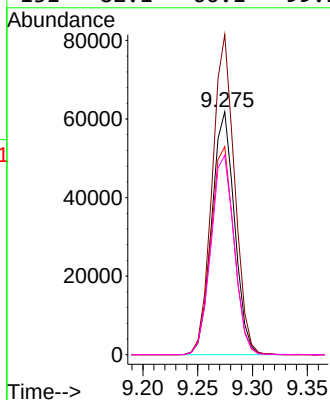
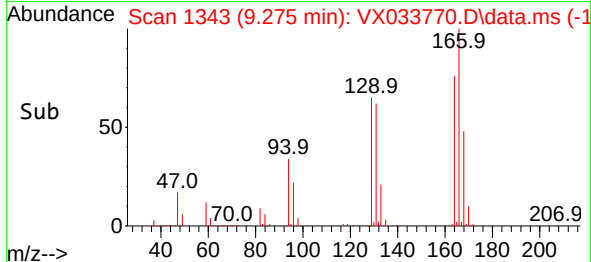
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:164 Resp: 89390
Ion Ratio Lower Upper
164 100
166 131.7 100.2 150.4
129 85.7 68.8 103.2
131 82.1 66.1 99.1

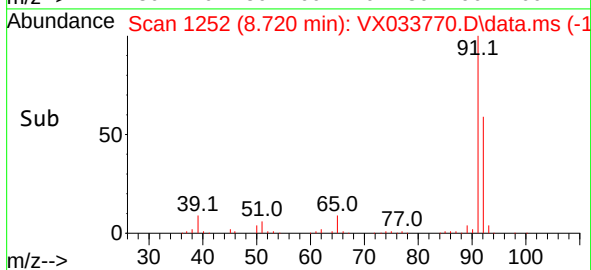
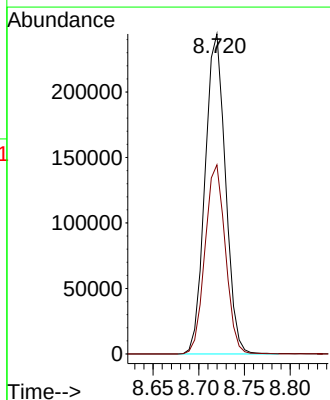
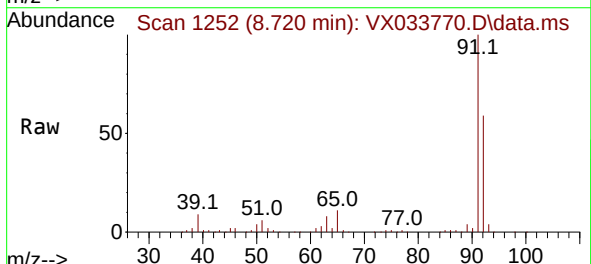
Manual Integrations
APPROVED

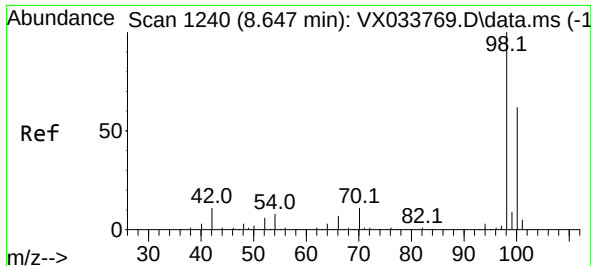
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#62
Toluene
Concen: 47.379 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

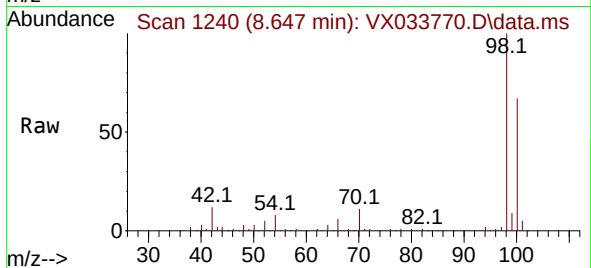
Tgt Ion: 91 Resp: 378344
Ion Ratio Lower Upper
91 100
92 59.0 45.8 68.8





#63
Toluene-d8
Concen: 29.692 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

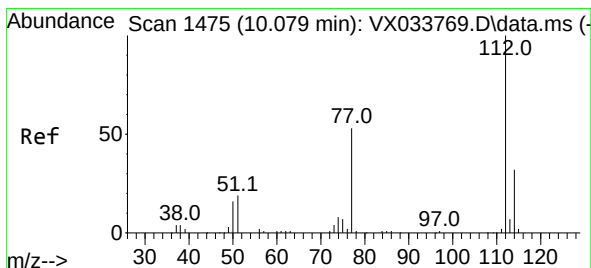
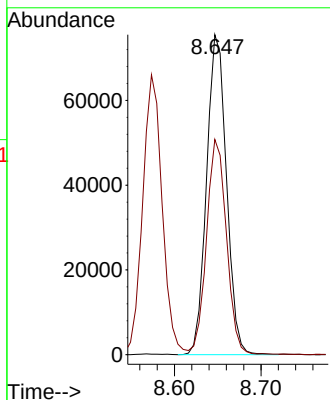
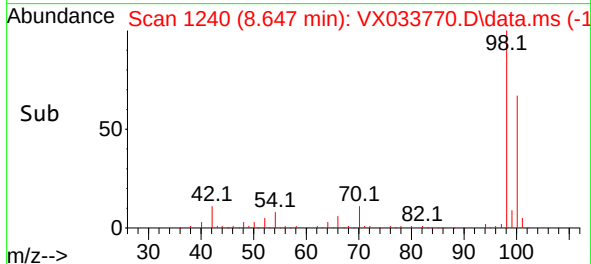
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 98 Resp: 120549
Ion Ratio Lower Upper
98 100
100 67.2 53.1 79.7

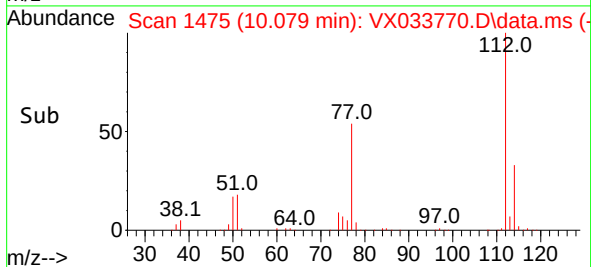
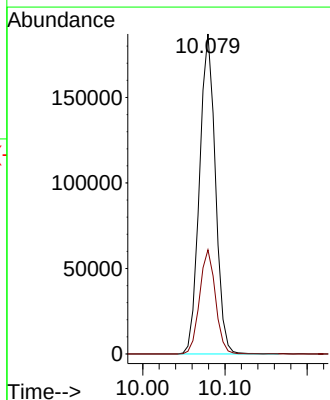
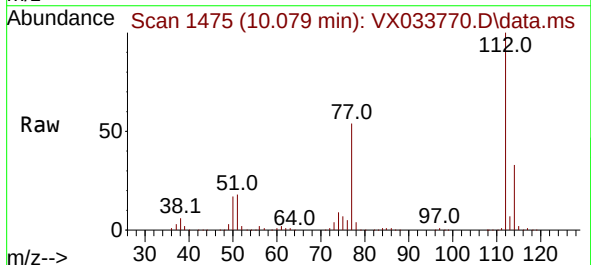
Manual Integrations
APPROVED

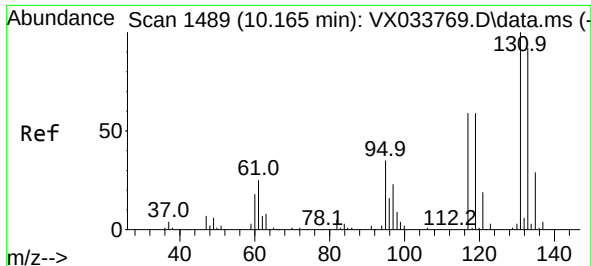
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#64
Chlorobenzene
Concen: 48.895 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

Tgt Ion:112 Resp: 251482
Ion Ratio Lower Upper
112 100
114 32.5 25.6 38.4





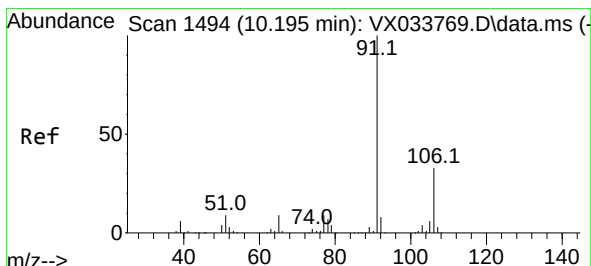
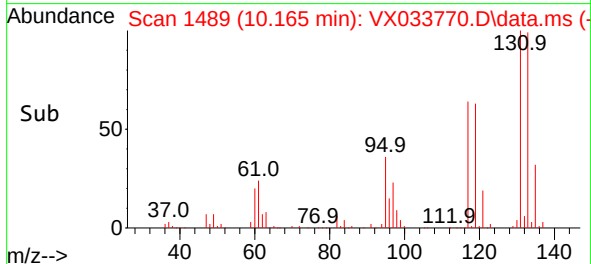
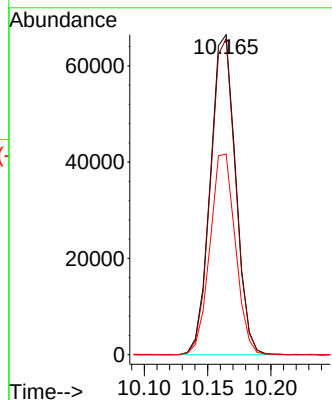
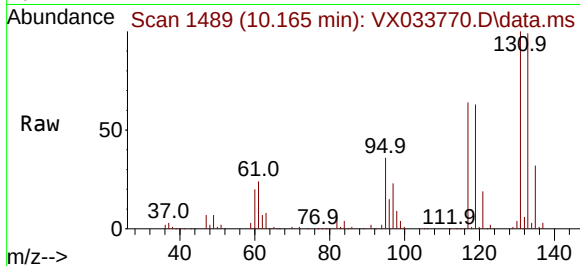
#65
1,1,1,2-Tetrachloroethane
Concen: 47.858 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:131 Resp: 9264
Ion Ratio Lower Upper
131 100
133 97.2 0.0 187.6
119 63.0 0.0 124.0

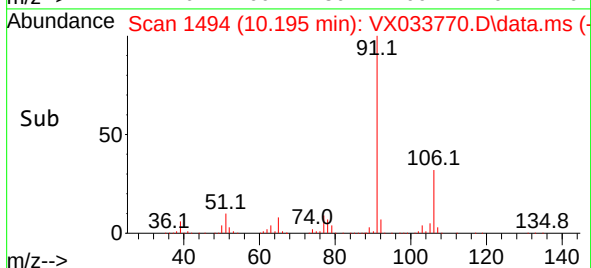
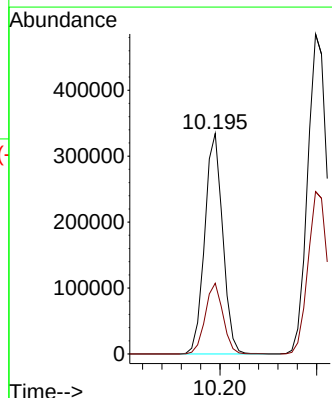
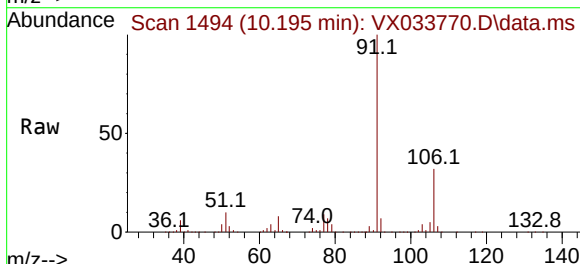
Manual Integrations
APPROVED

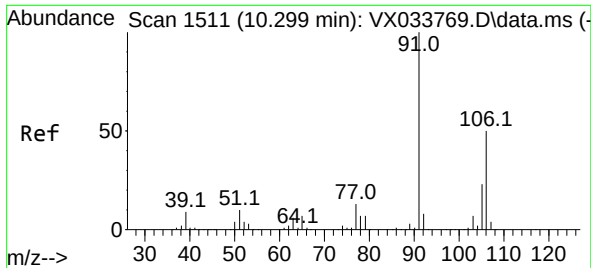
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#66
Ethyl Benzene
Concen: 48.523 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

Tgt Ion: 91 Resp: 432114
Ion Ratio Lower Upper
91 100
106 32.1 25.2 37.8





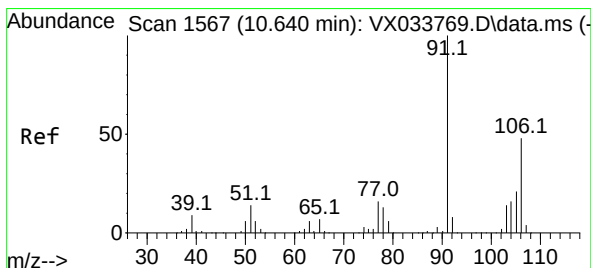
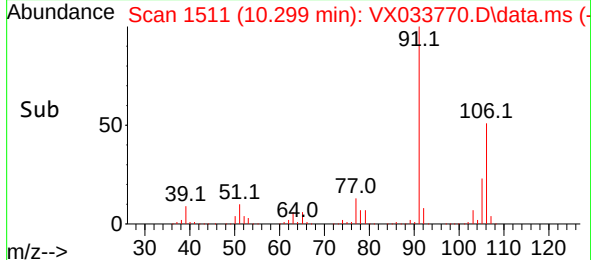
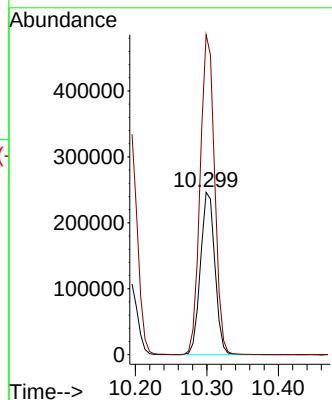
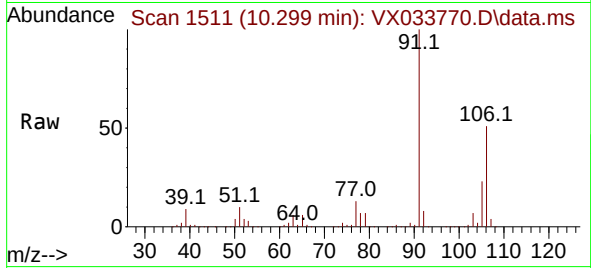
#67
m/p-Xylenes
Concen: 98.227 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:106 Resp: 345240
Ion Ratio Lower Upper
106 100
91 196.8 157.3 235.9

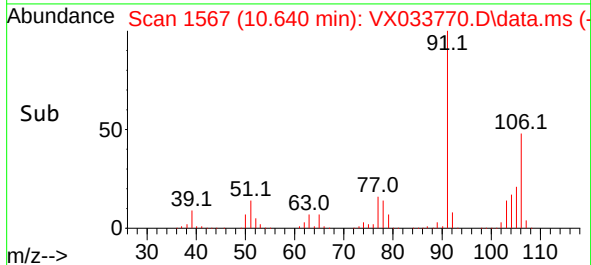
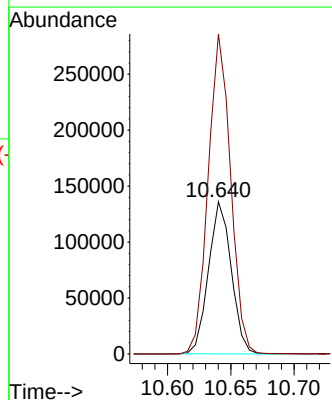
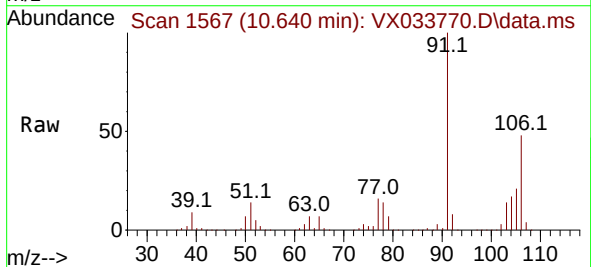
Manual Integrations
APPROVED

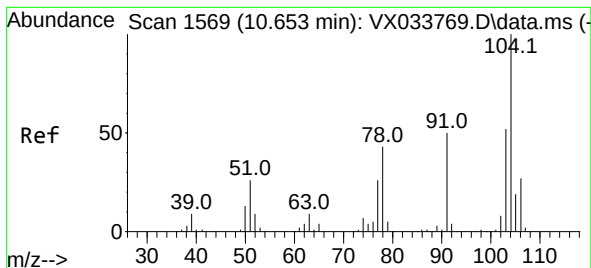
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#68
o-Xylene
Concen: 49.286 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

Tgt Ion:106 Resp: 170266
Ion Ratio Lower Upper
106 100
91 207.8 104.6 313.8





#69

Styrene

Concen: 49.467 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX033770.D

Acq: 18 Jan 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion:104 Resp: 282838

Ion Ratio Lower Upper

104 100

78 48.1 39.3 58.9

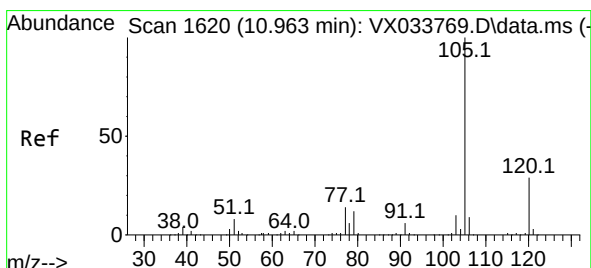
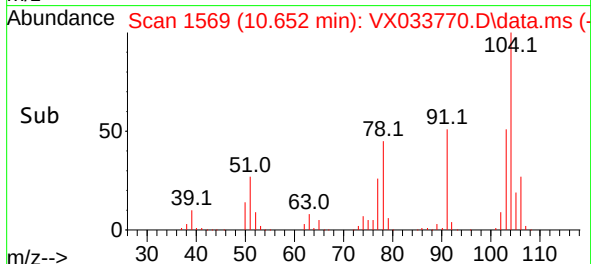
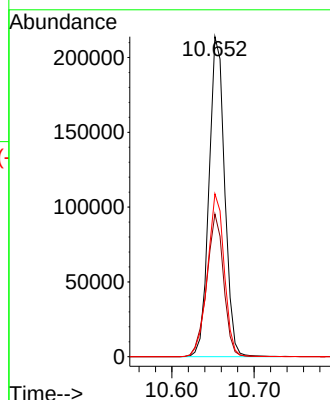
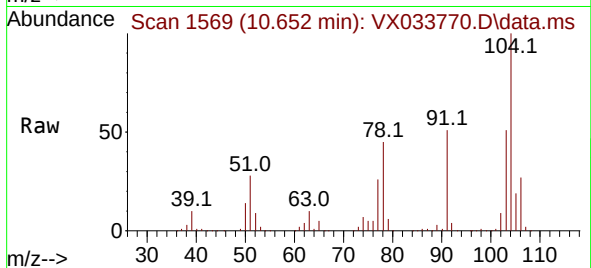
103 54.5 43.2 64.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#70

Isopropylbenzene

Concen: 49.239 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX033770.D

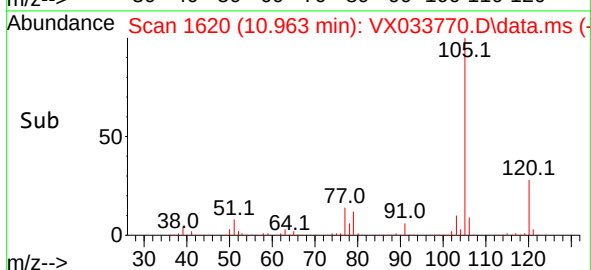
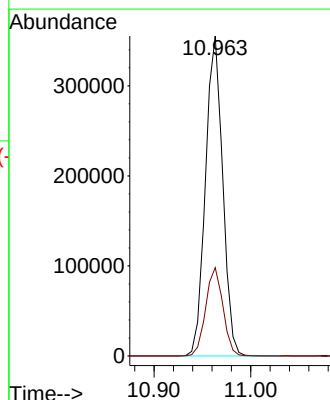
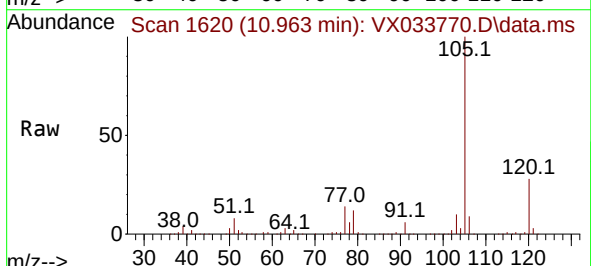
Acq: 18 Jan 2023 13:24

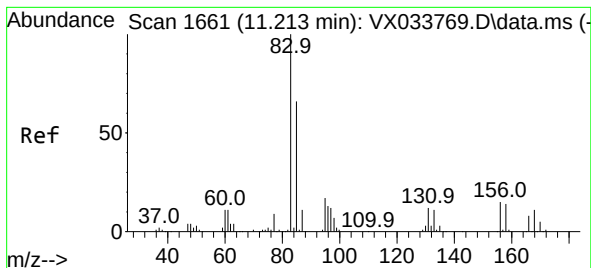
Tgt Ion:105 Resp: 440533

Ion Ratio Lower Upper

105 100

120 27.6 18.7 34.7





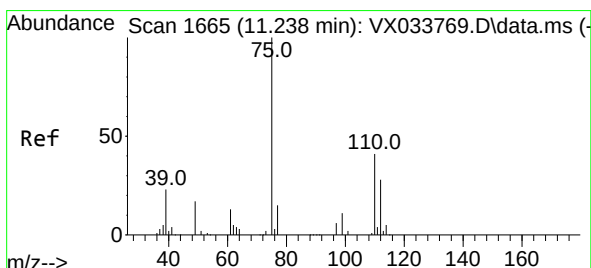
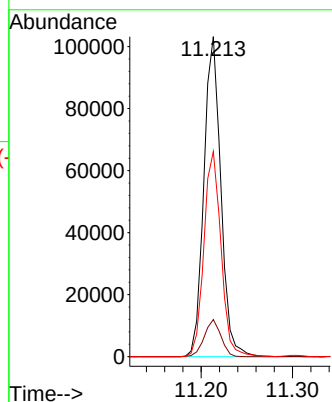
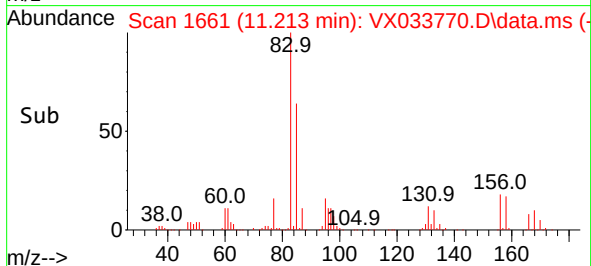
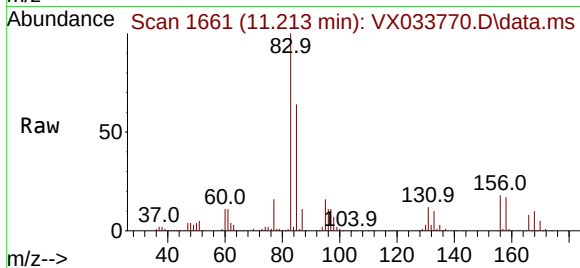
#71
1,1,2,2-Tetrachloroethane
Concen: 49.328 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 132880
Ion Ratio Lower Upper
83 100
131 11.3 5.4 16.2
85 64.5 32.4 97.0

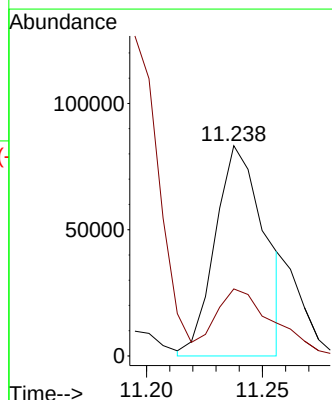
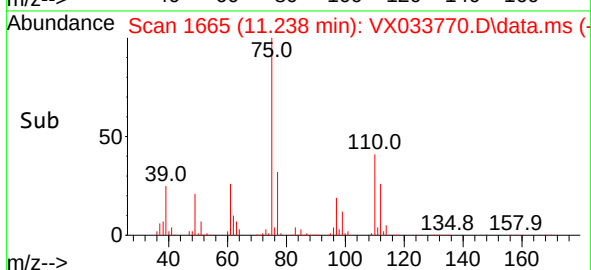
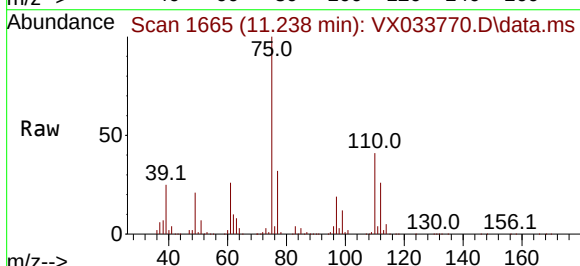
Manual Integrations
APPROVED

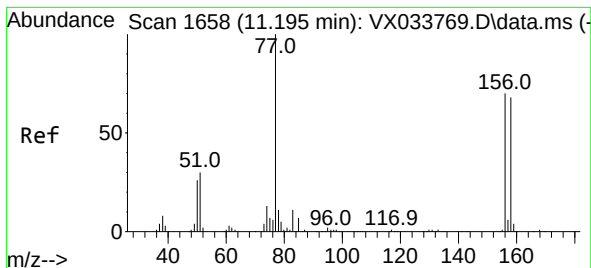
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#72
1,2,3-Trichloropropane
Concen: 50.347 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

Tgt Ion: 75 Resp: 122869
Ion Ratio Lower Upper
75 100
77 37.8 0.0 74.6





#73

Bromobenzene

Concen: 49.643 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX033770.D

Acq: 18 Jan 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

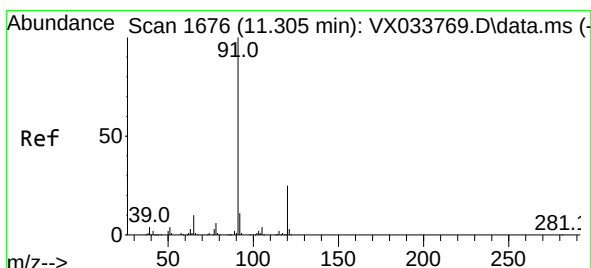
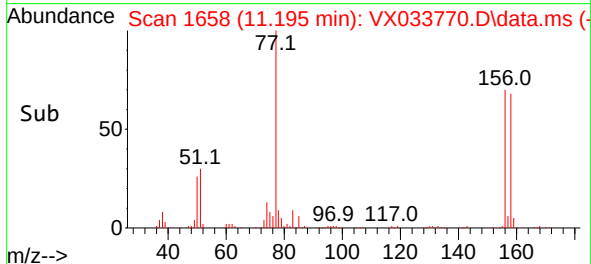
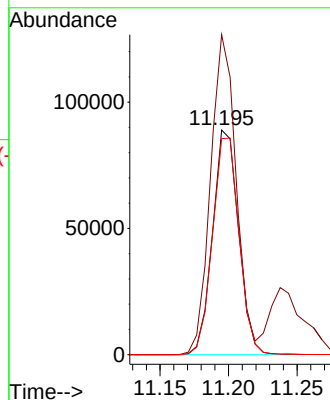
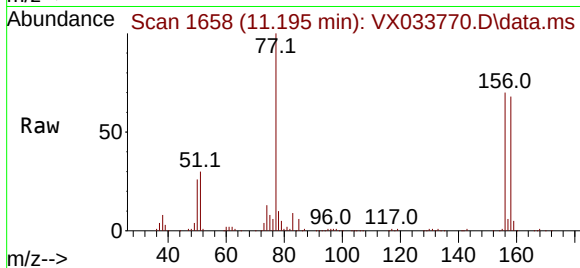
Tgt Ion:	156	Resp:	117544
Ion Ratio	Lower	Upper	
156	100		
77	138.9	0.0	287.2
158	98.3	0.0	196.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#74

n-propylbenzene

Concen: 49.674 ug/l

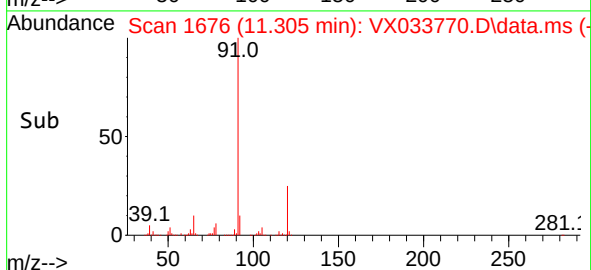
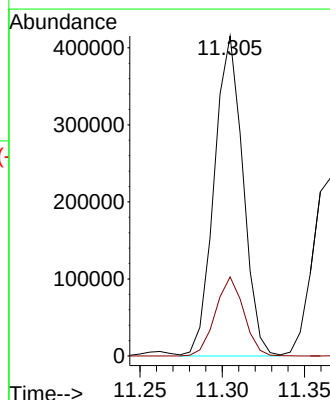
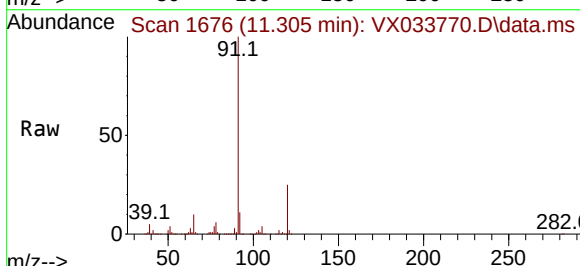
RT: 11.305 min Scan# 1676

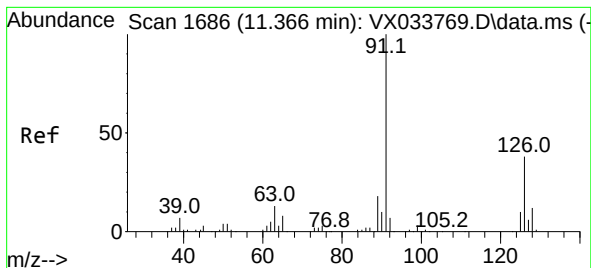
Delta R.T. -0.000 min

Lab File: VX033770.D

Acq: 18 Jan 2023 13:24

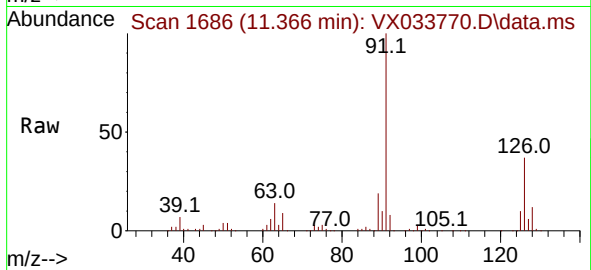
Tgt Ion:	91	Resp:	504576
Ion Ratio	Lower	Upper	
91	100		
120	24.3	0.0	48.8





#75
2-Chlorotoluene
Concen: 48.518 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

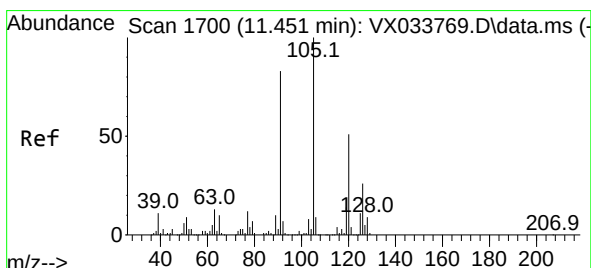
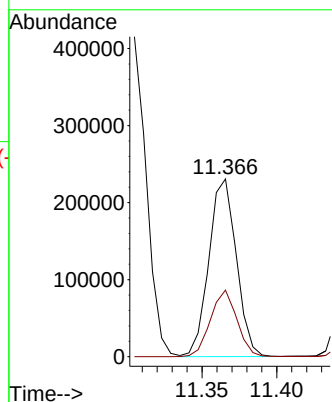
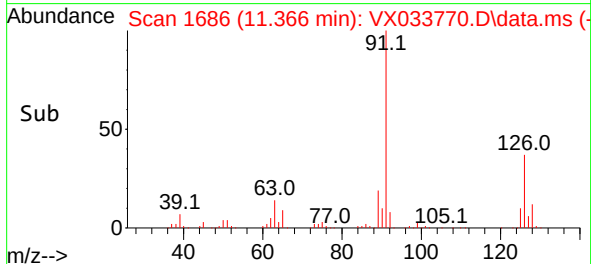
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



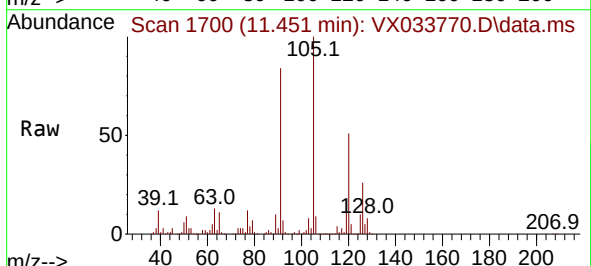
Tgt Ion: 91 Resp: 294778
Ion Ratio Lower Upper
91 100
126 36.1 0.0 72.0

Manual Integrations
APPROVED

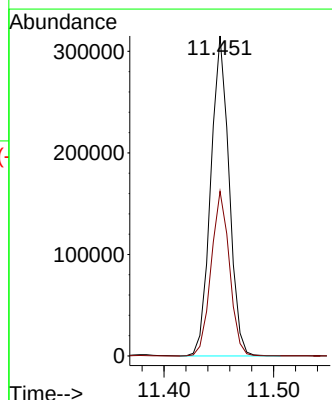
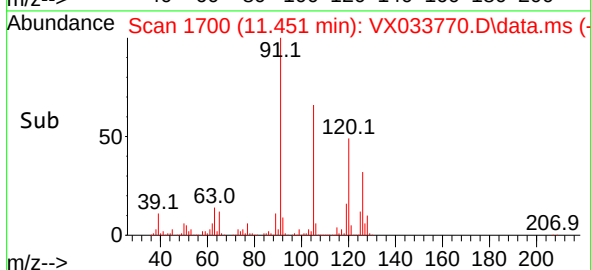
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

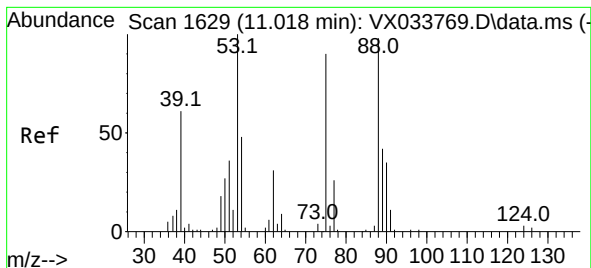


#76
1,3,5-Trimethylbenzene
Concen: 49.220 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24



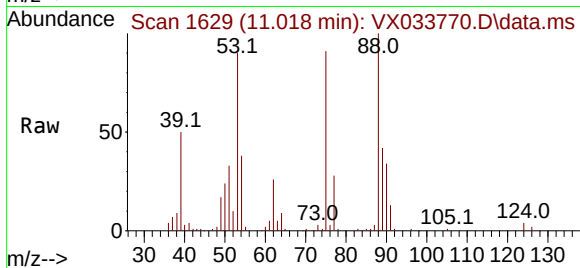
Tgt Ion:105 Resp: 365611
Ion Ratio Lower Upper
105 100
120 51.3 0.0 100.4





#77
t-1,4-Dichloro-2-butene
Concen: 53.257 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

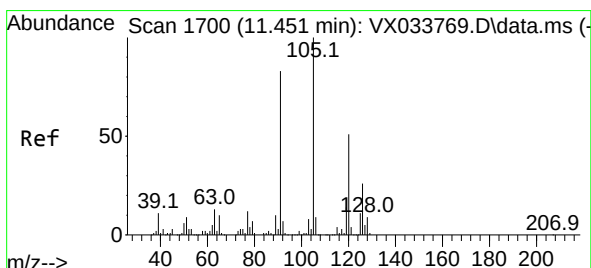
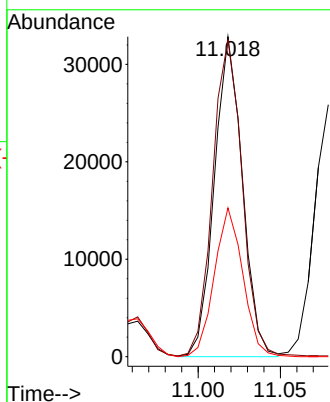
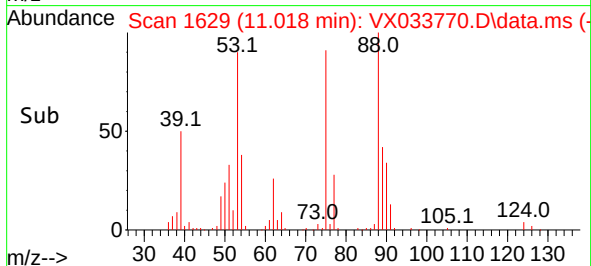
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 75 Resp: 3884
Ion Ratio Lower Upper
75 100
53 99.0 60.2 180.6
89 46.6 23.2 69.6

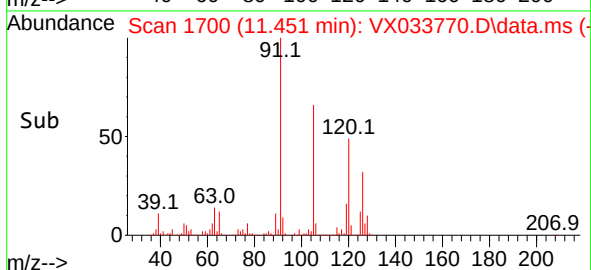
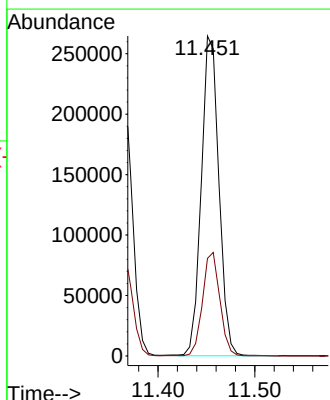
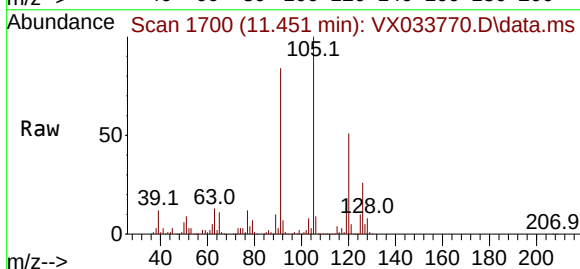
Manual Integrations
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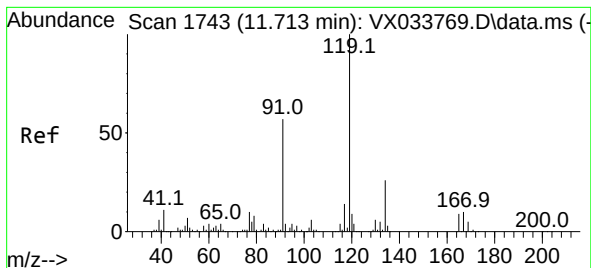
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#78
4-Chlorotoluene
Concen: 49.268 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

Tgt Ion: 91 Resp: 335681
Ion Ratio Lower Upper
91 100
126 31.8 0.0 63.6





#79

tert-butylbenzene

Concen: 49.173 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX033770.D

Acq: 18 Jan 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion:119 Resp: 374608

Ion Ratio Lower Upper

119 100

91 54.6 0.0 111.0

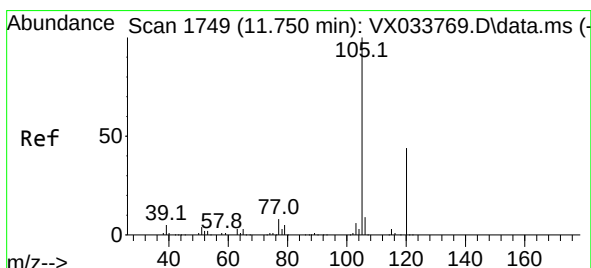
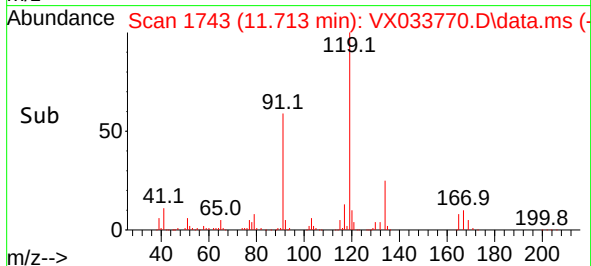
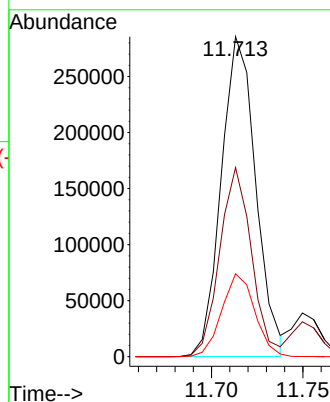
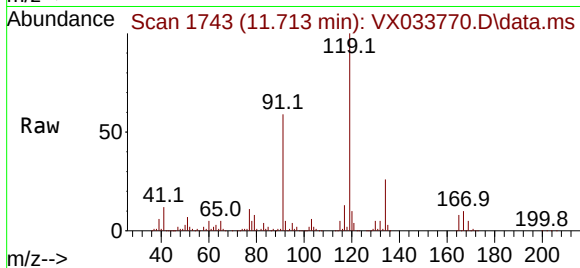
134 24.8 0.0 49.2

Manual Integrations

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Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#80

1,2,4-Trimethylbenzene

Concen: 49.615 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX033770.D

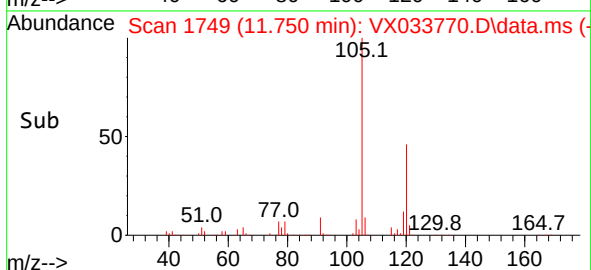
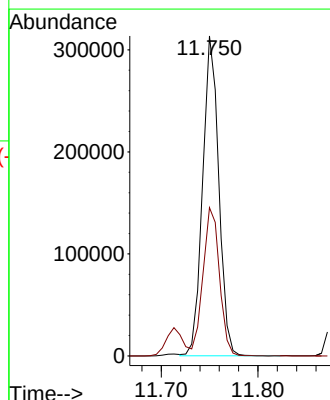
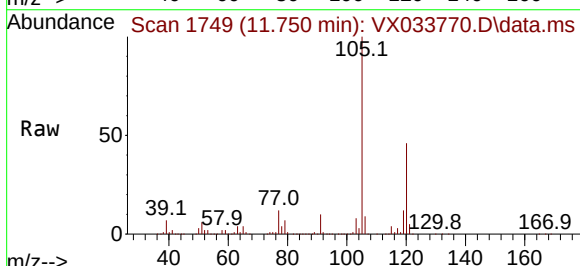
Acq: 18 Jan 2023 13:24

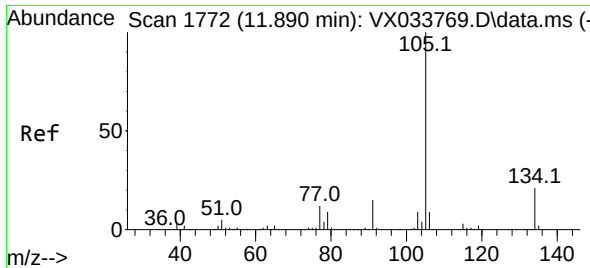
Tgt Ion:105 Resp: 364097

Ion Ratio Lower Upper

105 100

120 47.2 0.0 91.2





#81
 sec-Butylbenzene
 Concen: 49.312 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX033770.D
 Acq: 18 Jan 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

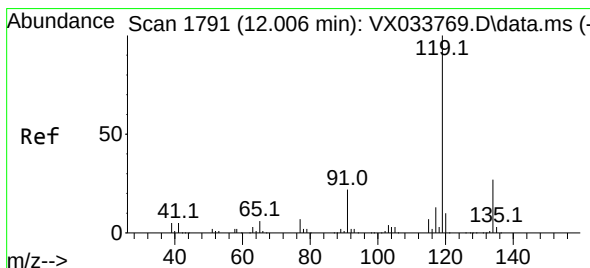
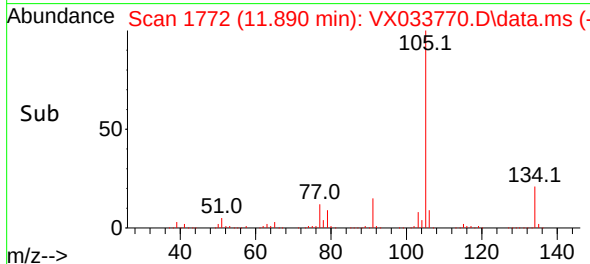
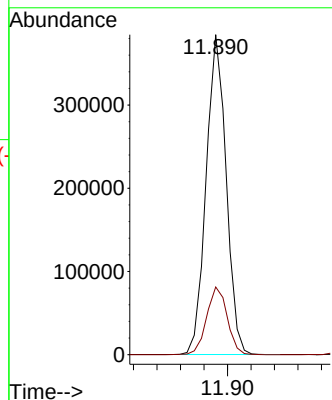
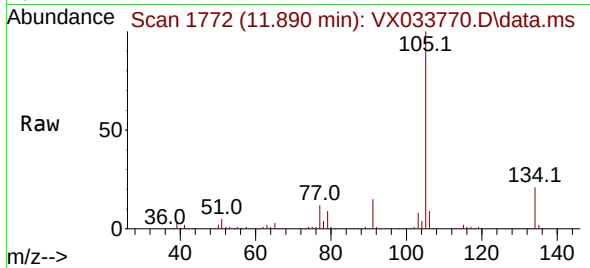
VSTDIC050

Tgt Ion:105 Resp: 45455
 Ion Ratio Lower Upper
 105 100
 134 21.8 0.0 43.2

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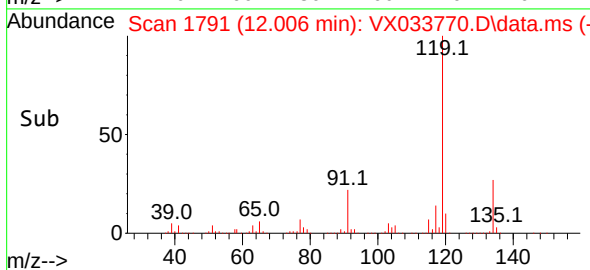
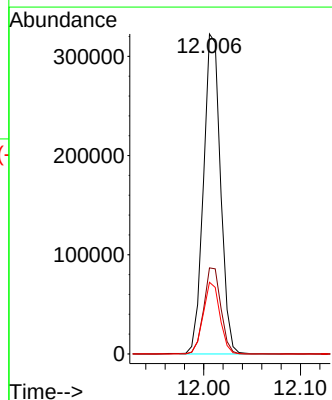
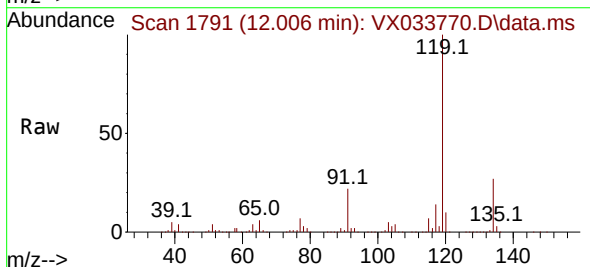
APPROVED

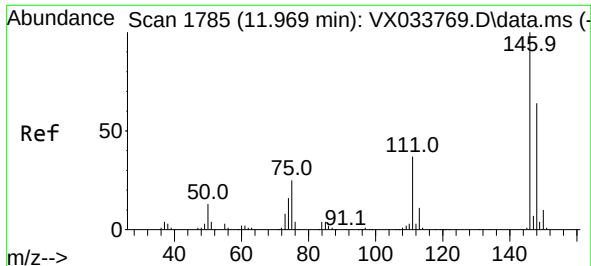
Reviewed By :John Carlone 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023



#82
 p-Isopropyltoluene
 Concen: 49.821 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX033770.D
 Acq: 18 Jan 2023 13:24

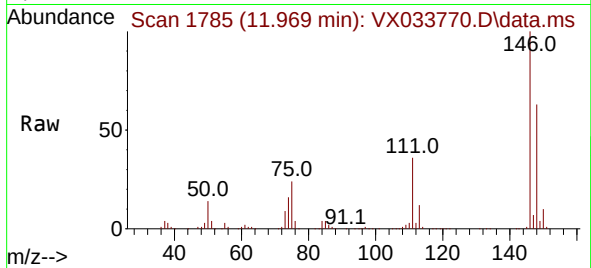
Tgt Ion:119 Resp: 396092
 Ion Ratio Lower Upper
 119 100
 134 27.0 0.0 54.4
 91 21.9 0.0 45.2





#83
1,3-Dichlorobenzene
Concen: 49.843 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

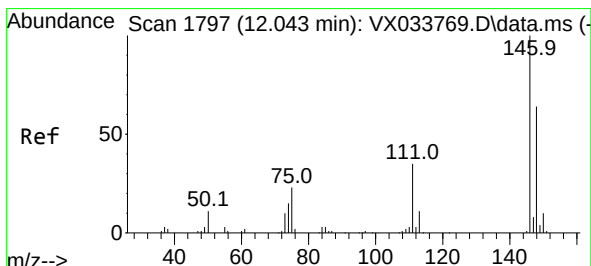
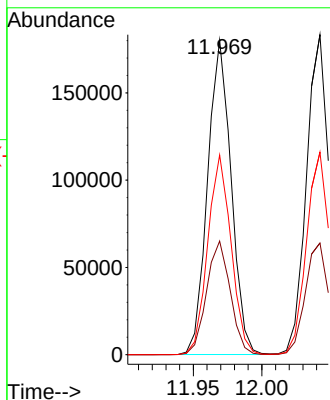
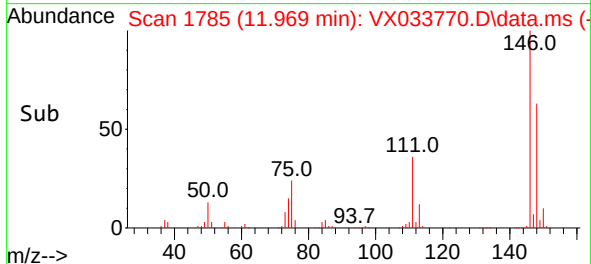
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



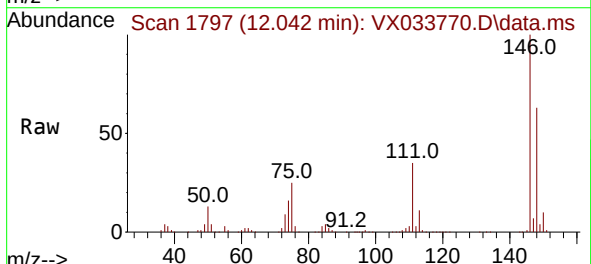
Tgt Ion:146 Resp: 21544
Ion Ratio Lower Upper
146 100
111 36.3 18.8 56.3
148 62.9 31.7 95.1

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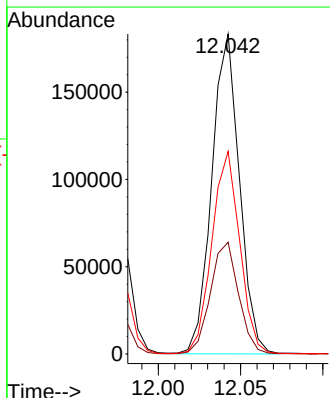
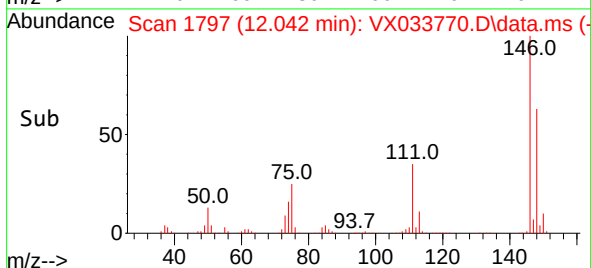
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

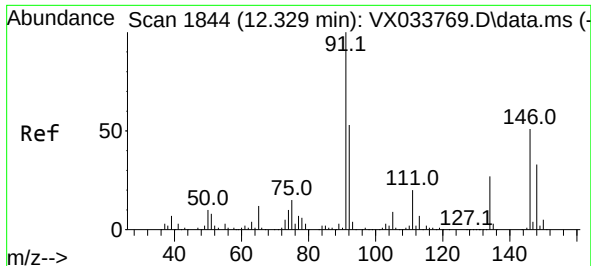


#84
1,4-Dichlorobenzene
Concen: 49.732 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24



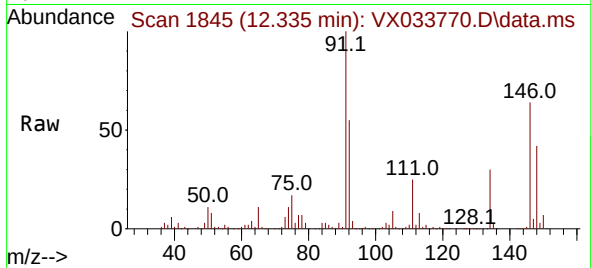
Tgt Ion:146 Resp: 214320
Ion Ratio Lower Upper
146 100
111 35.6 18.3 54.9
148 63.8 31.9 95.7





#85
n-Butylbenzene
Concen: 50.128 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

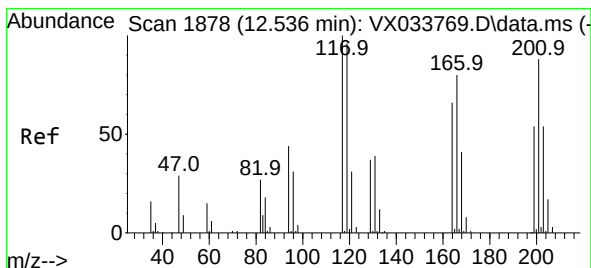
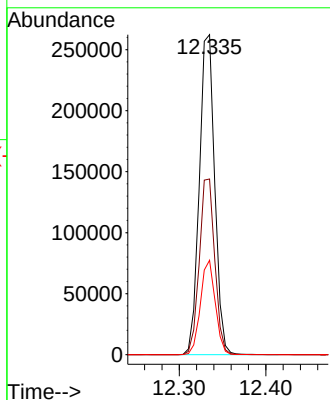
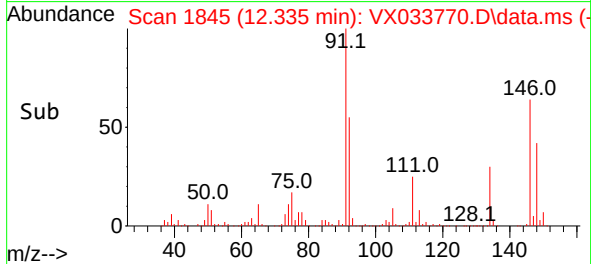
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 91 Resp: 32401
Ion Ratio Lower Upper
91 100
92 55.2 0.0 108.2
134 28.4 0.0 55.4

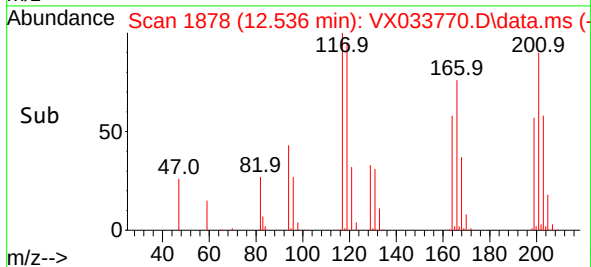
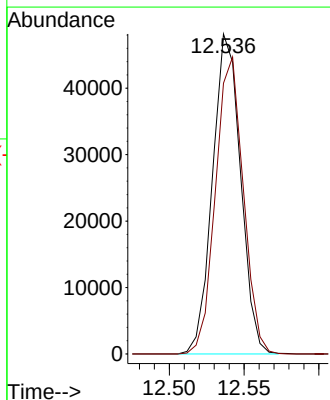
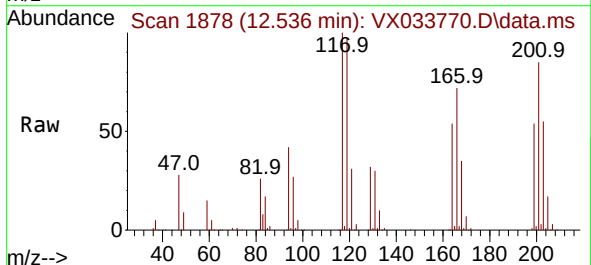
Manual Integrations
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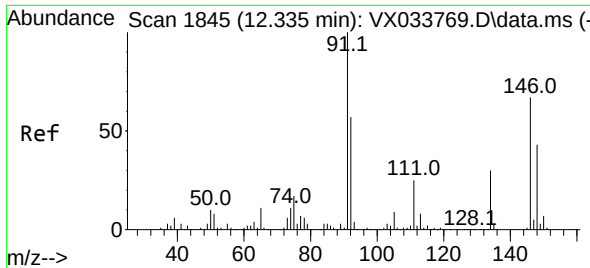
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#86
Hexachloroethane
Concen: 48.577 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

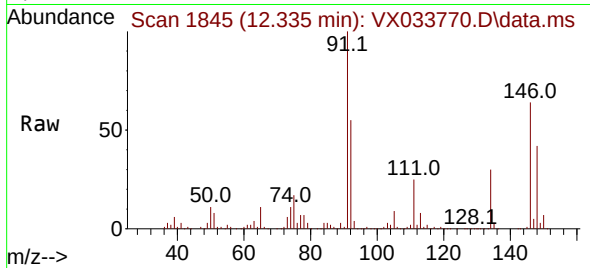
Tgt Ion:117 Resp: 62830
Ion Ratio Lower Upper
117 100
201 91.9 45.0 135.0





#87
1,2-Dichlorobenzene
Concen: 49.498 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

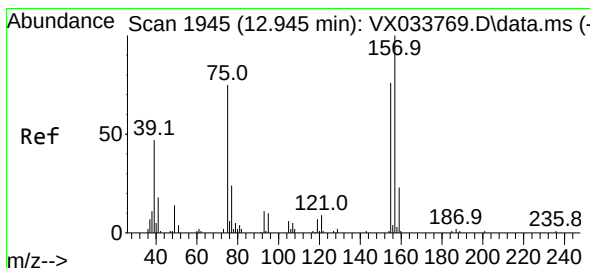
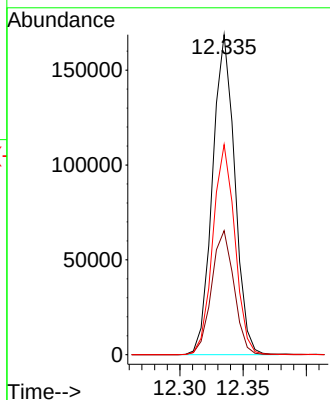
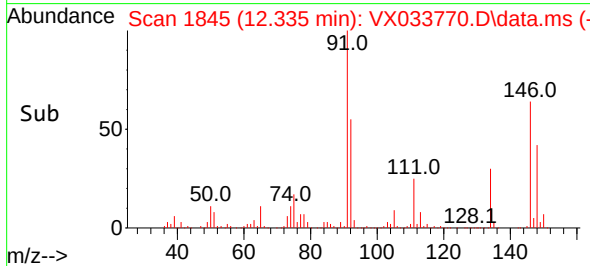
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



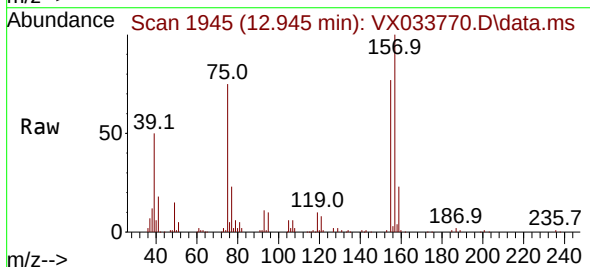
Tgt Ion:146 Resp: 206099
Ion Ratio Lower Upper
146 100
111 39.1 19.7 59.0
148 65.0 31.9 95.9

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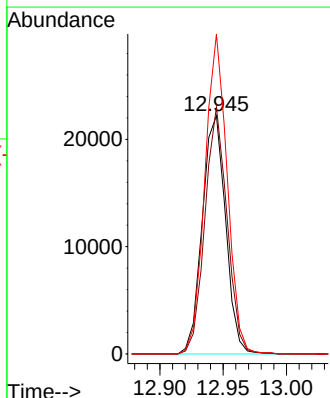
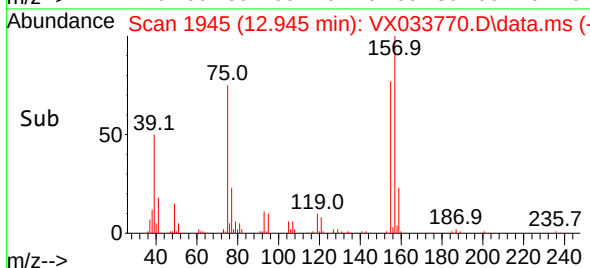
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

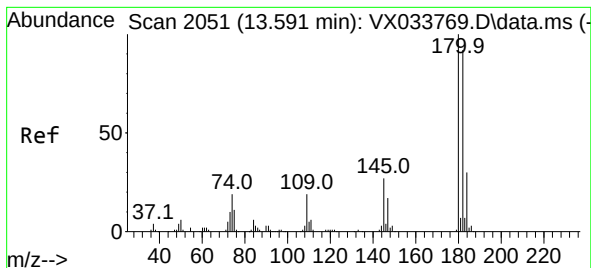


#88
1,2-Dibromo-3-Chloropropane
Concen: 51.029 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24



Tgt Ion: 75 Resp: 28540
Ion Ratio Lower Upper
75 100
155 98.2 77.6 116.4
157 127.9 98.0 147.0





#89

1,2,4-Trichlorobenzene

Concen: 51.009 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX033770.D

Acq: 18 Jan 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

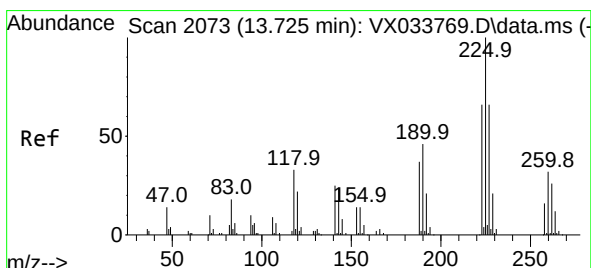
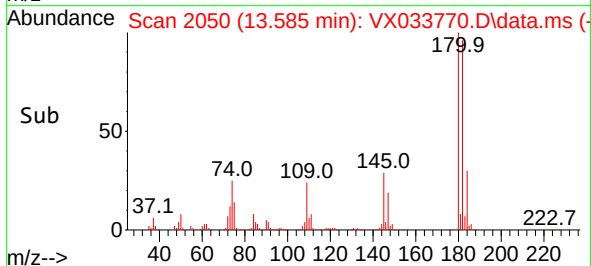
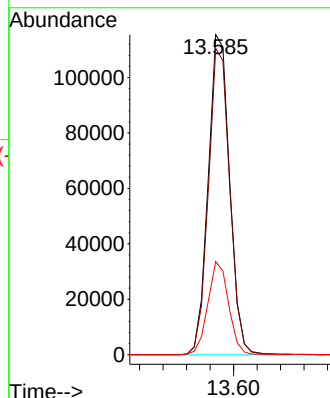
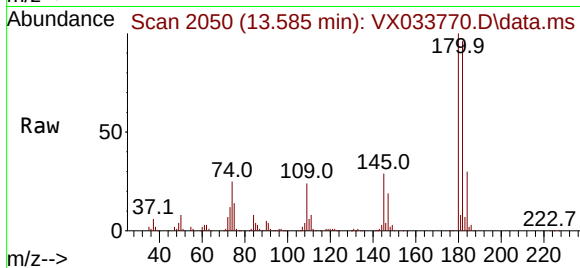
Tgt Ion:180	Resp: 146074
Ion Ratio	Lower Upper
180 100	
182 95.4	76.7 115.1
145 28.2	21.8 32.6

Manual Integrations

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Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#90

Hexachlorobutadiene

Concen: 49.338 ug/l

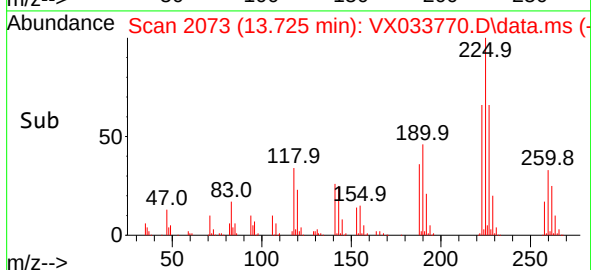
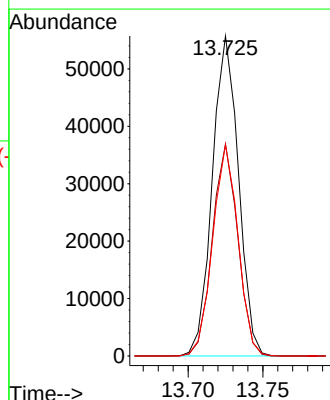
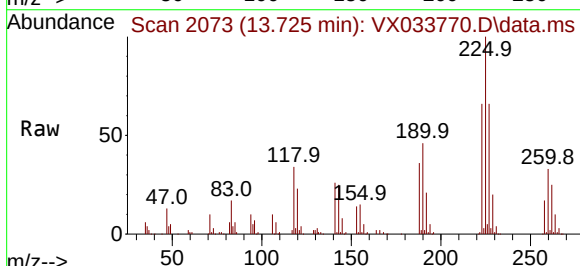
RT: 13.725 min Scan# 2073

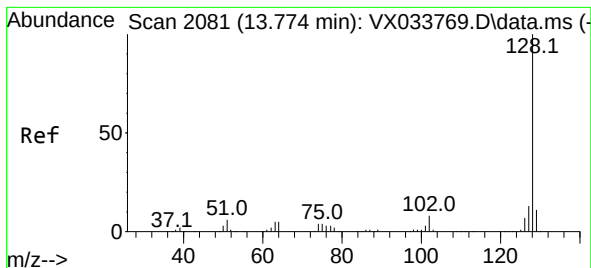
Delta R.T. -0.000 min

Lab File: VX033770.D

Acq: 18 Jan 2023 13:24

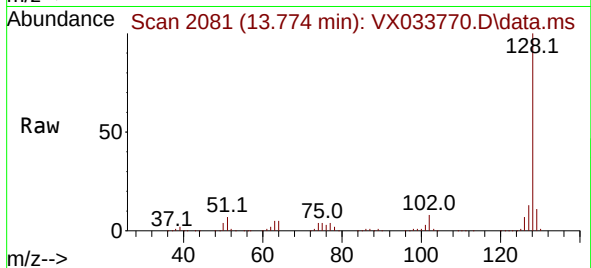
Tgt Ion:225	Resp: 67746
Ion Ratio	Lower Upper
225 100	
223 64.2	0.0 127.0
227 64.0	0.0 123.0





#91
Naphthalene
Concen: 51.432 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24

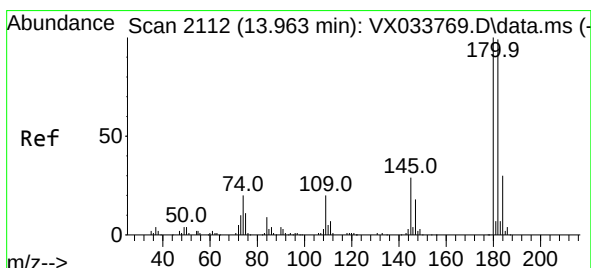
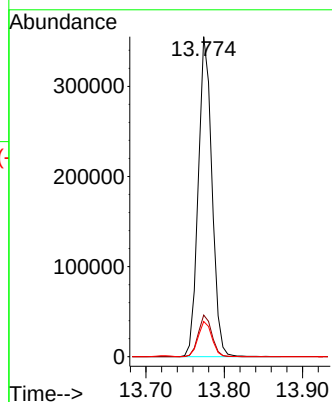
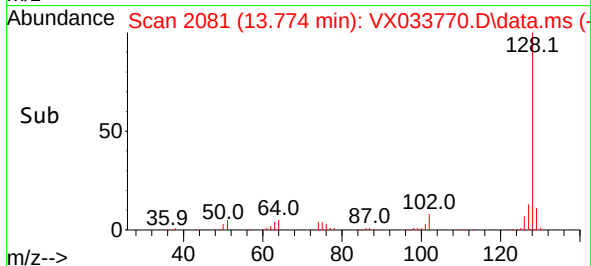
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



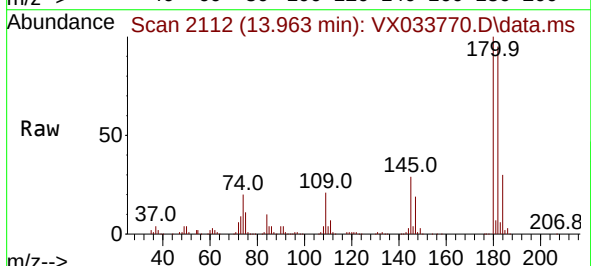
Tgt Ion:128 Resp: 432491
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.0 8.8 13.2

Manual Integrations
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Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#92
1,2,3-Trichlorobenzene
Concen: 50.230 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033770.D
Acq: 18 Jan 2023 13:24



Tgt Ion:180 Resp: 144325
Ion Ratio Lower Upper
180 100
182 95.1 0.0 191.2
145 29.9 0.0 60.4

