

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013123\
 Data File : VX033961.D
 Acq On : 31 Jan 2023 11:05
 Operator : JC/MD
 Sample : VX0131WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/01/2023
 Supervised By : Mahesh Dadoda 02/01/2023

Quant Time: Feb 01 02:05:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	165149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	230963	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77659	44.661	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.320%		
35) Dibromofluoromethane	5.385	113	72518	50.565	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.140%		
50) Toluene-d8	8.647	98	256246	49.039	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.080%		
62) 4-Bromofluorobenzene	11.079	95	95838	49.399	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	20651	15.823	ug/l	97
3) Chloromethane	1.294	50	25229	17.498	ug/l	97
4) Vinyl Chloride	1.374	62	26005	18.588	ug/l	99
5) Bromomethane	1.611	94	13114	16.314	ug/l	99
6) Chloroethane	1.691	64	15555	17.984	ug/l	99
7) Trichlorofluoromethane	1.892	101	39988	17.625	ug/l	94
8) Diethyl Ether	2.130	74	14729	19.827	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	25993	20.313	ug/l	93
10) Methyl Iodide	2.453	142	34642	18.885	ug/l	92
11) Tert butyl alcohol	2.959	59	23385	77.415	ug/l #	85
12) 1,1-Dichloroethene	2.319	96	24177	17.992	ug/l	90
13) Acrolein	2.233	56	31066	111.463	ug/l	97
14) Allyl chloride	2.666	41	41950	16.551	ug/l	88
15) Acrylonitrile	3.062	53	73183	92.055	ug/l	99
16) Acetone	2.380	43	70846	104.921	ug/l	92
17) Carbon Disulfide	2.514	76	46236	14.922	ug/l	97
18) Methyl Acetate	2.703	43	44849	18.481	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	81793	17.525	ug/l	100
20) Methylene Chloride	2.788	84	27972	16.839	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	26011	16.558	ug/l	98
22) Diisopropyl ether	3.757	45	90526	17.752	ug/l	97
23) Vinyl Acetate	3.721	43	327758	85.380	ug/l	98
24) 1,1-Dichloroethane	3.611	63	47930	17.179	ug/l	99
25) 2-Butanone	4.550	43	101085	88.971	ug/l	99
26) 2,2-Dichloropropane	4.477	77	33165	16.595	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	31831	17.625	ug/l	97
28) Bromochloromethane	4.897	49	26273	20.674	ug/l	92
29) Tetrahydrofuran	5.001	42	64402	89.938	ug/l	97
30) Chloroform	5.092	83	50441	17.652	ug/l	96
31) Cyclohexane	5.470	56	40386	15.784	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	41724	17.102	ug/l	99
36) 1,1-Dichloropropene	5.696	75	35806	17.107	ug/l	98
37) Ethyl Acetate	4.715	43	38264	17.289	ug/l	100
38) Carbon Tetrachloride	5.678	117	37238	17.177	ug/l	99
39) Methylcyclohexane	7.379	83	42359	16.388	ug/l	93
40) Benzene	6.037	78	108921	17.853	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	21270	18.441	ug/l	94
42) 1,2-Dichloroethane	6.086	62	37905	17.532	ug/l	98
43) Isopropyl Acetate	6.336	43	58437	17.685	ug/l	99
44) Trichloroethene	7.129	130	31661	18.558	ug/l	98
45) 1,2-Dichloropropane	7.434	63	28056	18.358	ug/l	94
46) Dibromomethane	7.580	93	19794	18.542	ug/l	96
47) Bromodichloromethane	7.824	83	37696	18.323	ug/l	97
48) Methyl methacrylate	7.690	41	29801	17.904	ug/l	97
49) 1,4-Dioxane	7.671	88	13017	353.543	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	194837	96.010	ug/l	98
52) Toluene	8.720	92	71784	18.220	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	36806	17.890	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	42589	18.474	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	29778	19.094	ug/l	98
56) Ethyl methacrylate	9.116	69	41758	19.026	ug/l	97
57) 1,3-Dichloropropane	9.311	76	49111	19.421	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	104569	96.743	ug/l	98
59) 2-Hexanone	9.427	43	144915	102.598	ug/l	99
60) Dibromochloromethane	9.519	129	32035	19.814	ug/l	100
61) 1,2-Dibromoethane	9.610	107	31104	19.985	ug/l	98
64) Tetrachloroethene	9.275	164	29403	19.262	ug/l	95
65) Chlorobenzene	10.079	112	80501	18.806	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	30607	19.429	ug/l	99
67) Ethyl Benzene	10.195	91	134314	18.275	ug/l	98
68) m/p-Xylenes	10.299	106	108620	37.786	ug/l	98
69) o-Xylene	10.640	106	53560	18.788	ug/l	100
70) Styrene	10.652	104	89784	19.365	ug/l	100
71) Bromoform	10.799	173	24776	18.769	ug/l #	97
73) Isopropylbenzene	10.963	105	140179	17.804	ug/l	100
74) N-amyl acetate	10.841	43	47894	16.628	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	43277	18.379	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	38863m	19.284	ug/l	
77) Bromobenzene	11.195	156	38690	18.426	ug/l	98
78) n-propylbenzene	11.305	91	154912	17.308	ug/l	99
79) 2-Chlorotoluene	11.366	91	94079	17.522	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	117947	17.870	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	10675	16.462	ug/l	96
82) 4-Chlorotoluene	11.457	91	105836	17.171	ug/l	98
83) tert-Butylbenzene	11.713	119	122443	18.684	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	117105	18.757	ug/l	100
85) sec-Butylbenzene	11.890	105	146331	18.669	ug/l	100
86) p-Isopropyltoluene	12.006	119	127498	18.999	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	71222	19.217	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	70249	18.607	ug/l	98
89) n-Butylbenzene	12.335	91	98760	17.989	ug/l	99
90) Hexachloroethane	12.536	117	19490	17.656	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	69825	19.524	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8501	18.993	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	47214	19.599	ug/l	99
94) Hexachlorobutadiene	13.725	225	22350	18.940	ug/l	99
95) Naphthalene	13.774	128	139664	20.152	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	47216	19.588	ug/l	98

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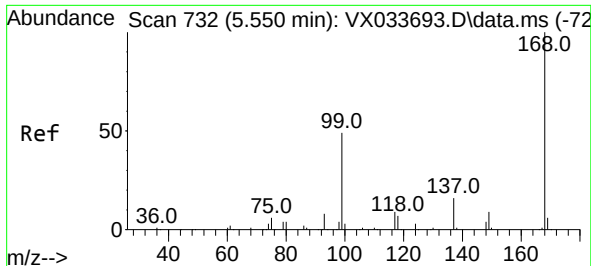
Manual Integrations
APPROVED

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Response via : Initial Calibration

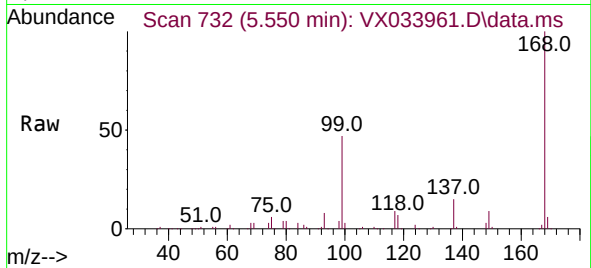
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
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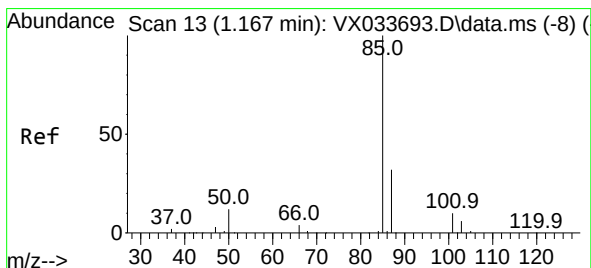
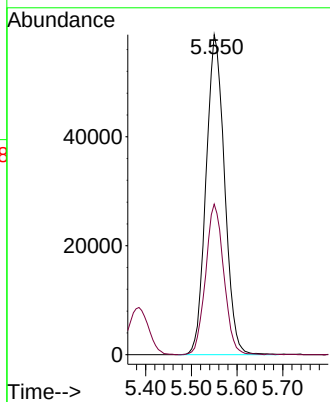
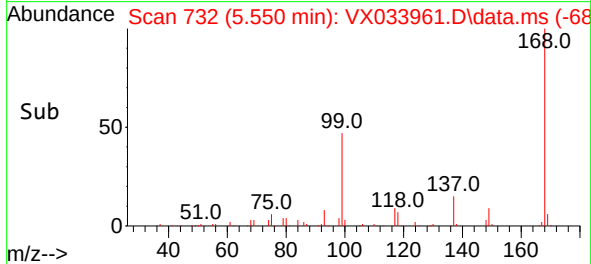
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS01



Tgt Ion:168 Resp: 165149
Ion Ratio Lower Upper
168 100
99 47.0 39.6 59.4

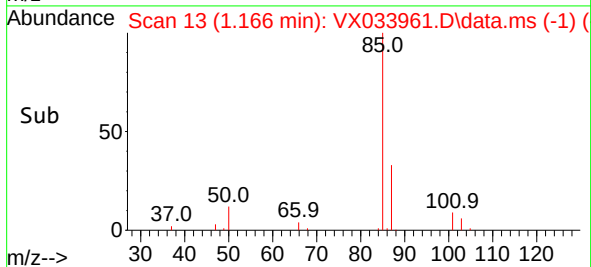
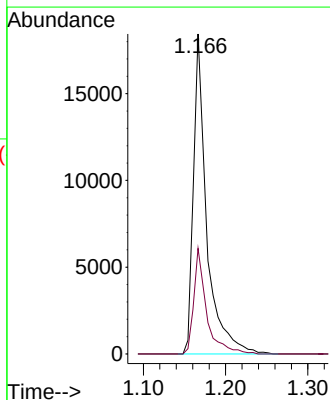
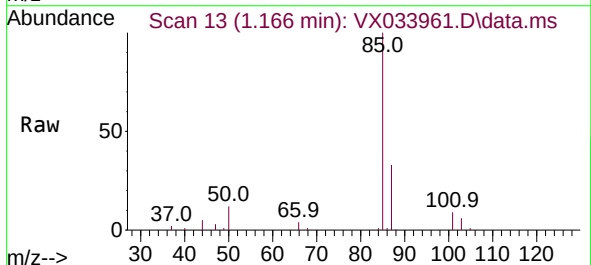
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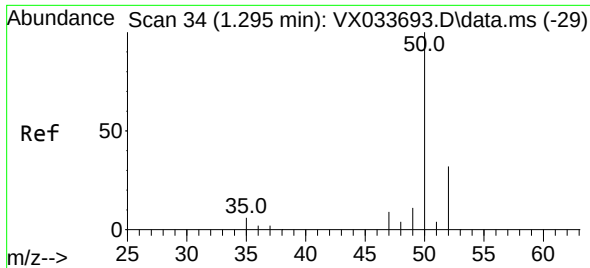
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#2
Dichlorodifluoromethane
Concen: 15.823 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

Tgt Ion: 85 Resp: 20651
Ion Ratio Lower Upper
85 100
87 33.0 15.8 47.4





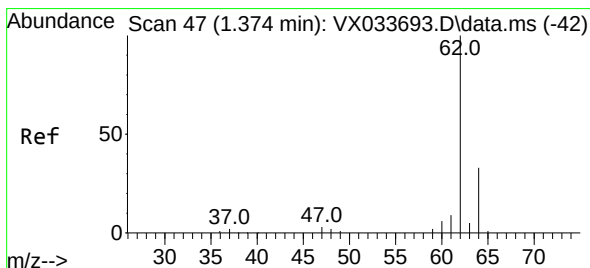
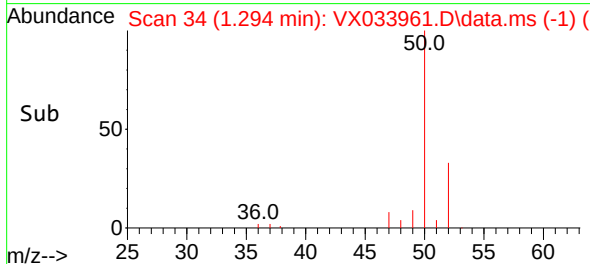
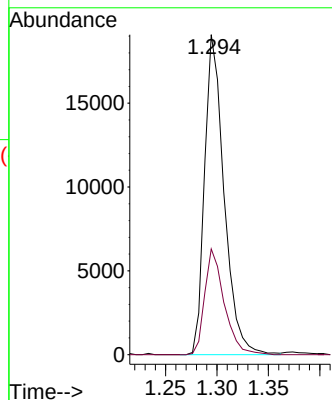
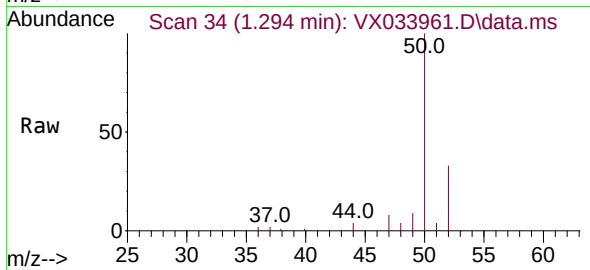
#3
Chloromethane
Concen: 17.498 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

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Tgt Ion: 50 Resp: 25229
Ion Ratio Lower Upper
50 100
52 33.0 25.2 37.8

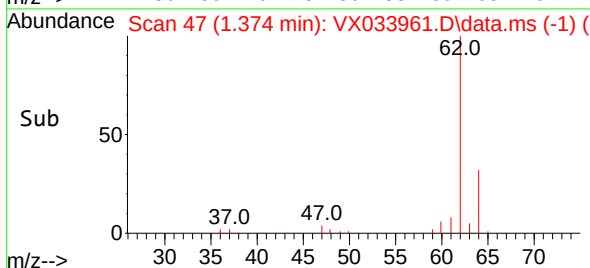
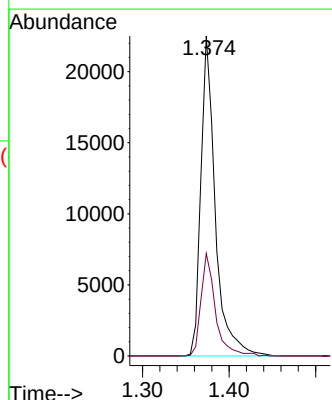
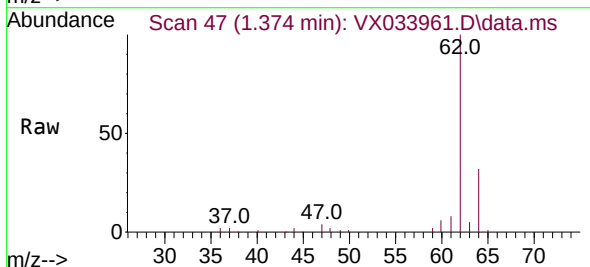
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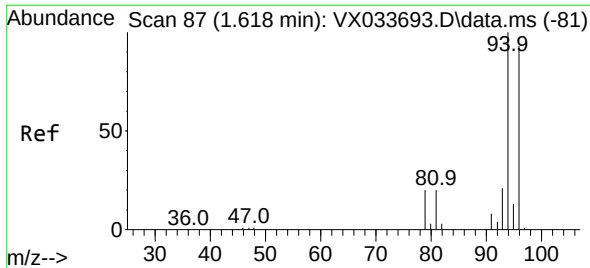
Reviewed By :John Carlone 02/01/2023
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#4
Vinyl Chloride
Concen: 18.588 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

Tgt Ion: 62 Resp: 26005
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.4





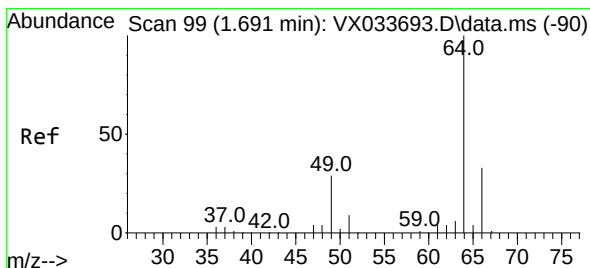
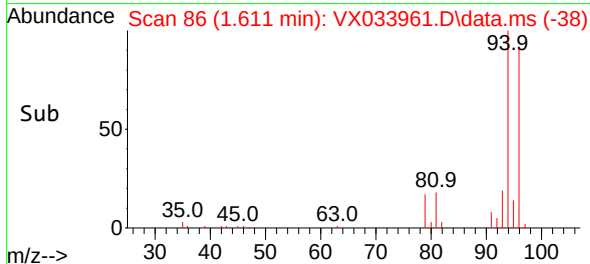
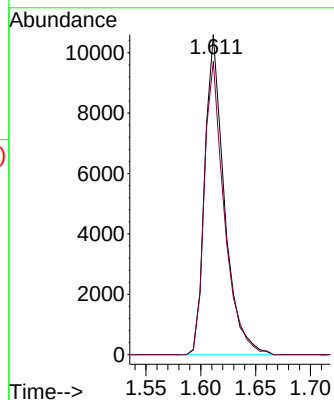
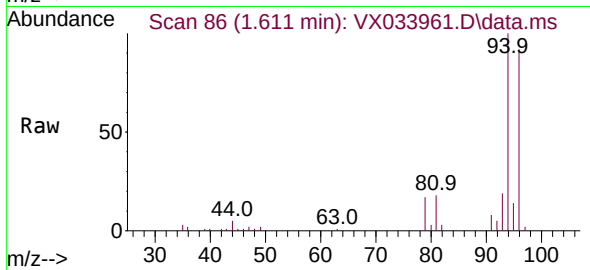
#5
Bromomethane
Concen: 16.314 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX033961.D
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Tgt Ion: 94 Resp: 13114
Ion Ratio Lower Upper
94 100
96 91.8 74.3 111.5

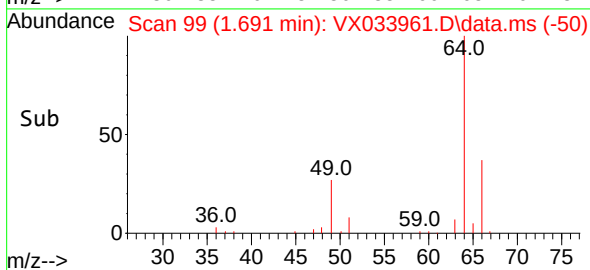
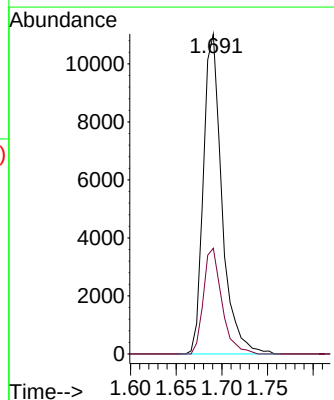
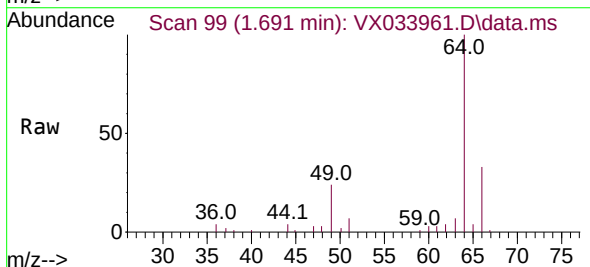
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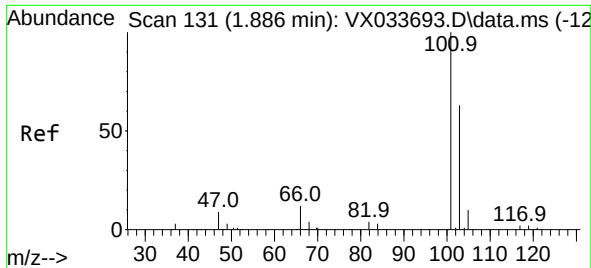
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#6
Chloroethane
Concen: 17.984 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

Tgt Ion: 64 Resp: 15555
Ion Ratio Lower Upper
64 100
66 33.1 26.1 39.1





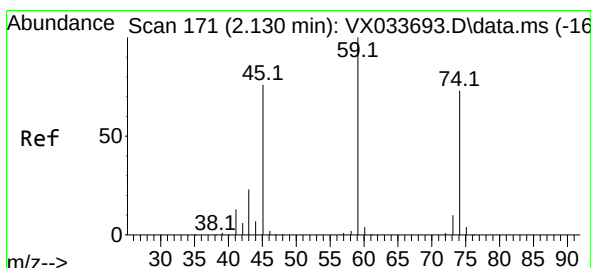
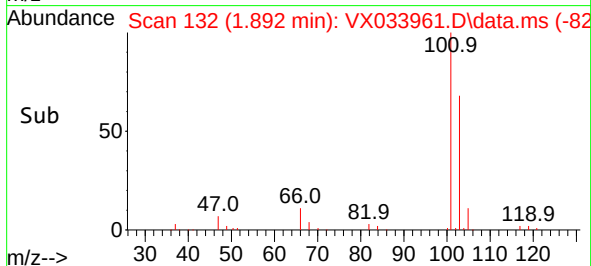
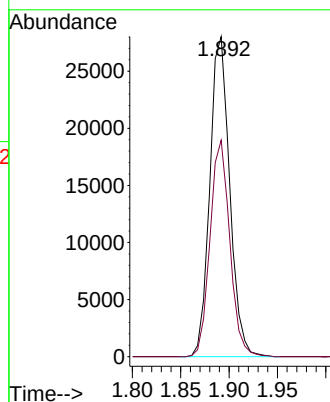
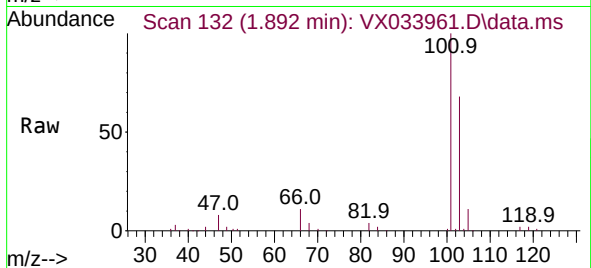
#7
Trichlorofluoromethane
Concen: 17.625 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS01

Tgt Ion:101 Resp: 3998
Ion Ratio Lower Upper
101 100
103 67.7 50.6 75.8

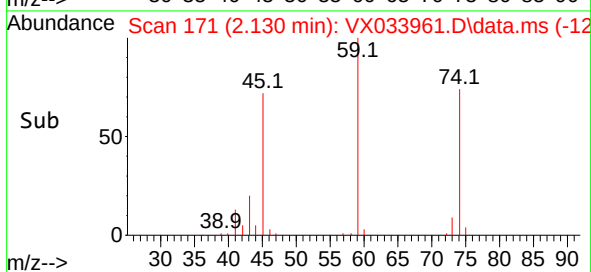
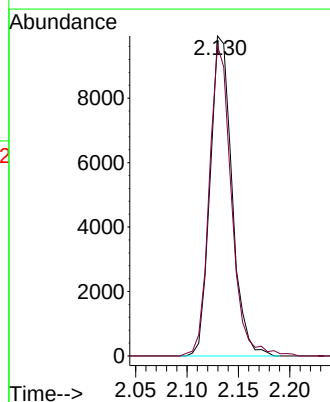
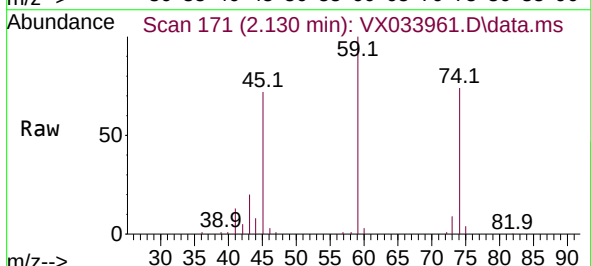
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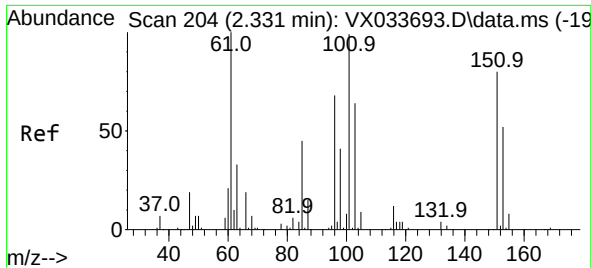
Reviewed By :John Carlone 02/01/2023
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#8
Diethyl Ether
Concen: 19.827 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

Tgt Ion: 74 Resp: 14729
Ion Ratio Lower Upper
74 100
45 98.4 51.5 154.5





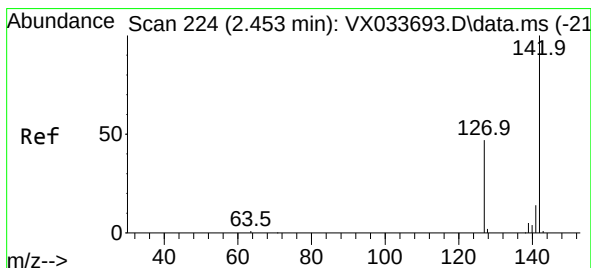
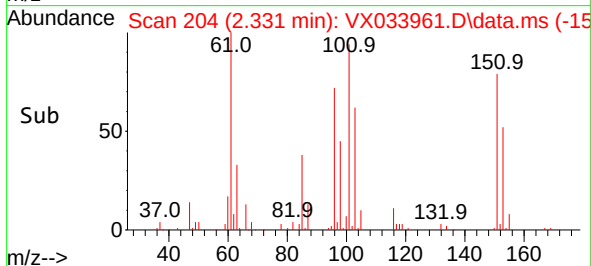
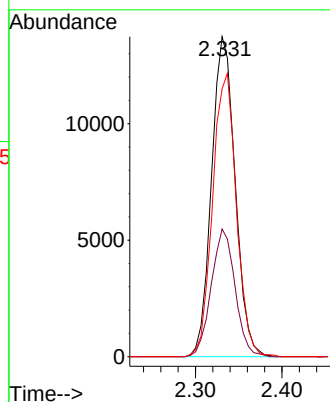
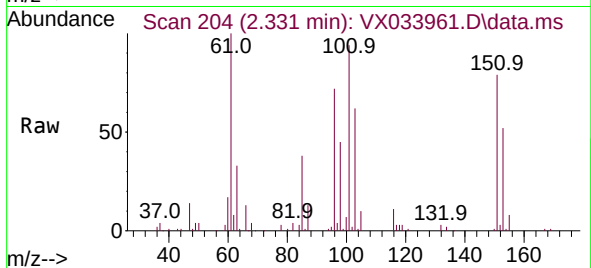
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.313 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033961.D
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Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS01

Tgt Ion:101 Resp: 2599
Ion Ratio Lower Upper
101 100
85 40.2 36.7 55.1
151 89.0 66.5 99.7

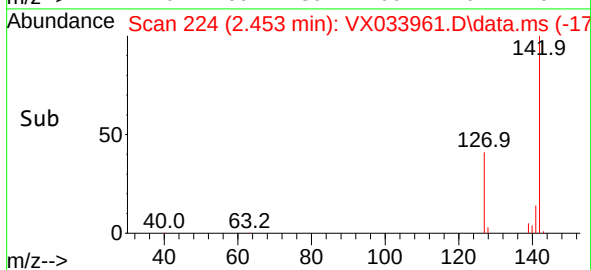
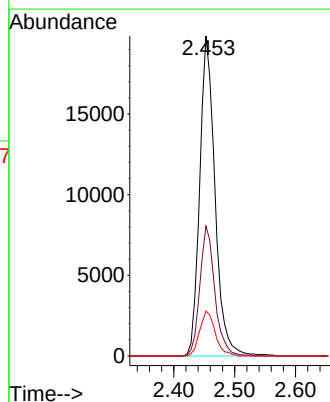
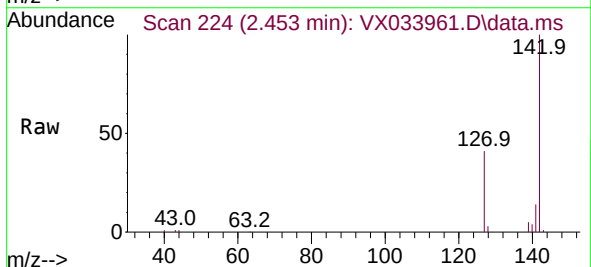
Manual Integrations
APPROVED

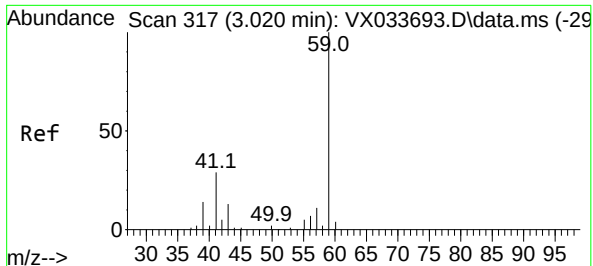
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#10
Methyl Iodide
Concen: 18.885 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

Tgt Ion:142 Resp: 34642
Ion Ratio Lower Upper
142 100
127 39.8 37.3 55.9
141 14.2 11.5 17.3





#11

Tert butyl alcohol

Concen: 77.415 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.061 min

Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS01

Tgt Ion: 59 Resp: 2338

Ion Ratio Lower Upper

59 100

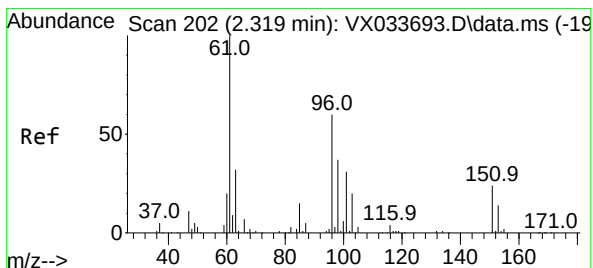
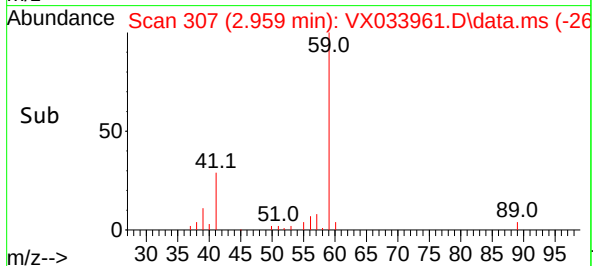
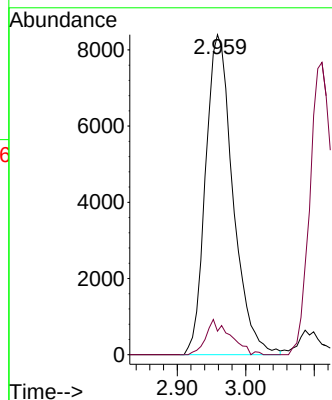
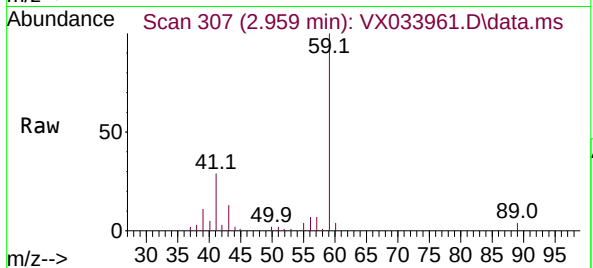
57 9.7 3.7 5.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#12

1,1-Dichloroethene

Concen: 17.992 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

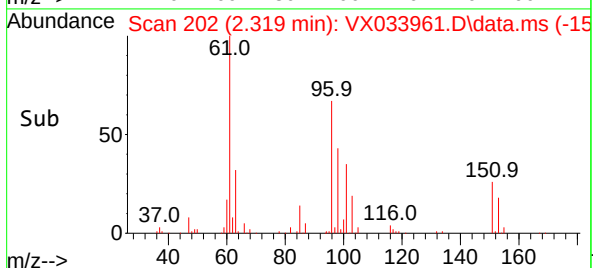
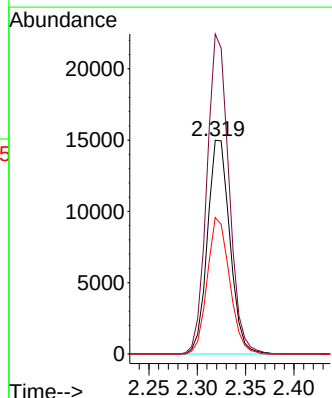
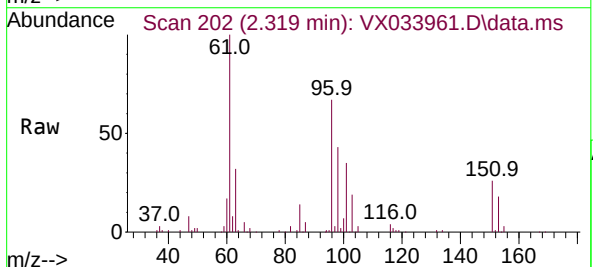
Tgt Ion: 96 Resp: 24177

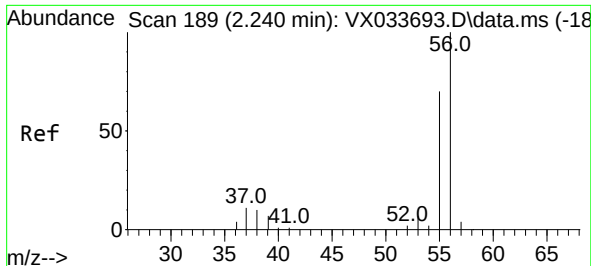
Ion Ratio Lower Upper

96 100

61 149.8 134.2 201.4

98 63.9 50.2 75.2





#13

Acrolein

Concen: 111.463 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS01

Tgt Ion: 56 Resp: 3106

Ion Ratio Lower Upper

56 100

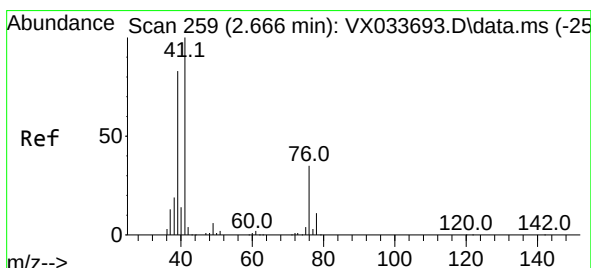
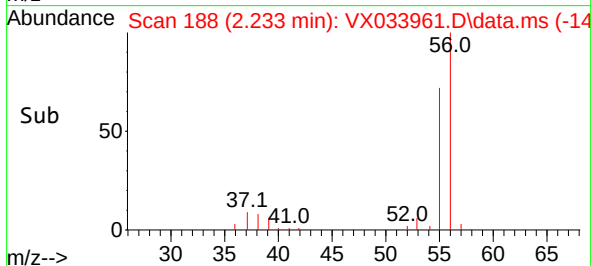
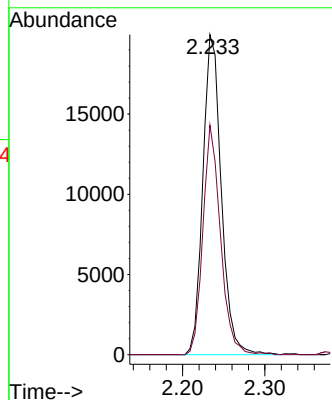
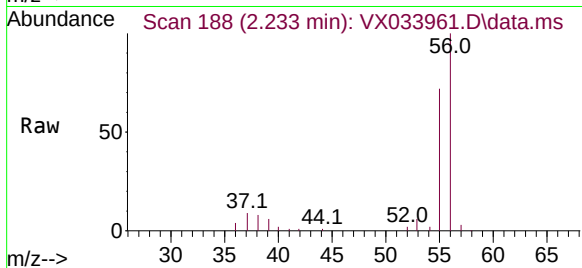
55 68.2 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#14

Allyl chloride

Concen: 16.551 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

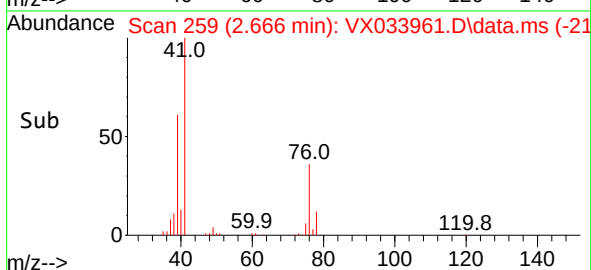
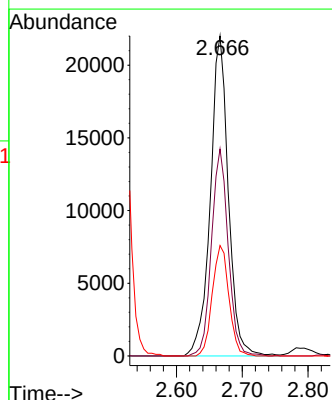
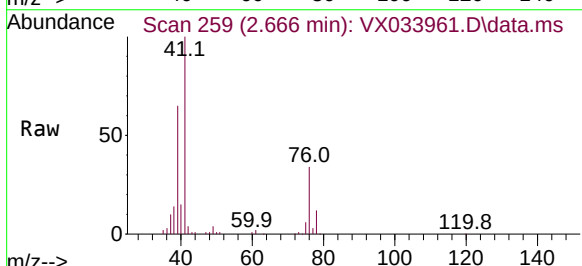
Tgt Ion: 41 Resp: 41950

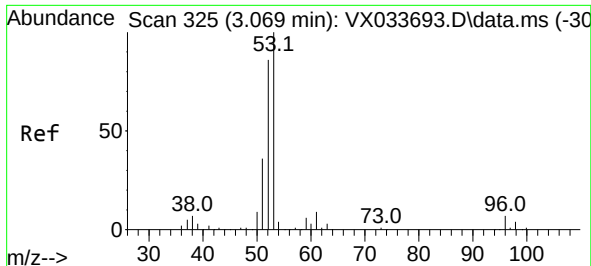
Ion Ratio Lower Upper

41 100

39 60.2 59.0 88.4

76 31.8 24.6 37.0





#15

Acrylonitrile

Concen: 92.055 ug/l

RT: 3.062 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS01

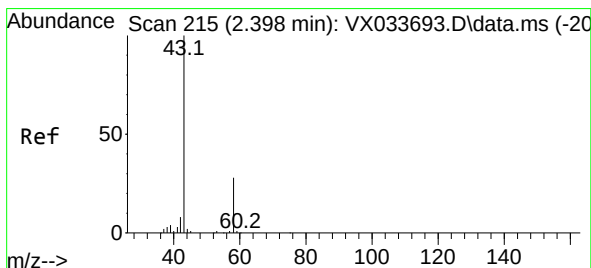
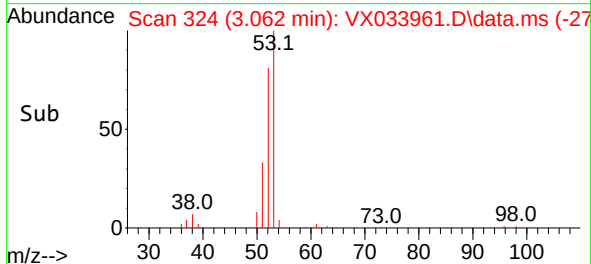
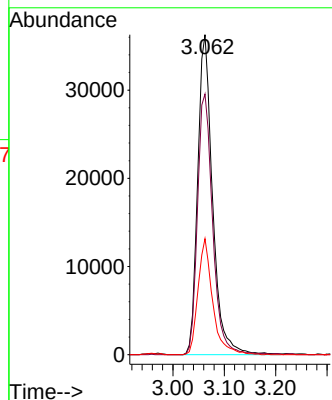
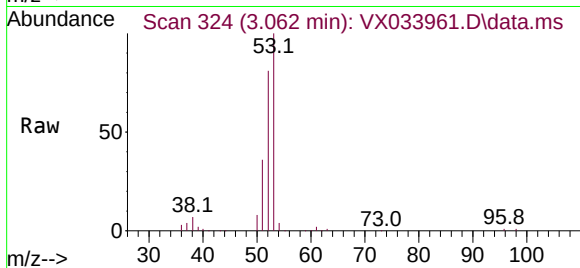
Tgt Ion:	53	Resp:	7318
Ion	Ratio	Lower	Upper
53	100		
52	83.0	65.7	98.5
51	35.6	29.0	43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#16

Acetone

Concen: 104.921 ug/l

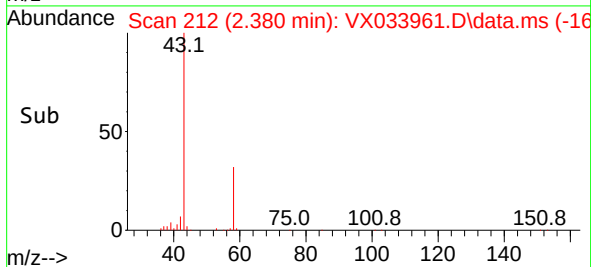
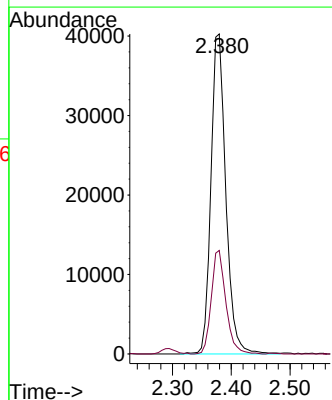
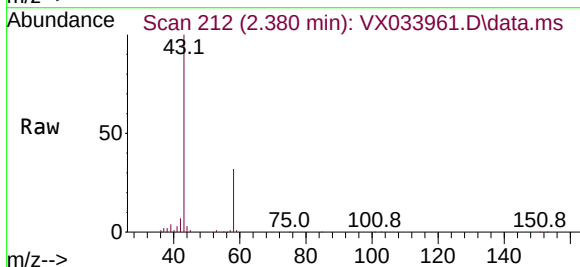
RT: 2.380 min Scan# 212

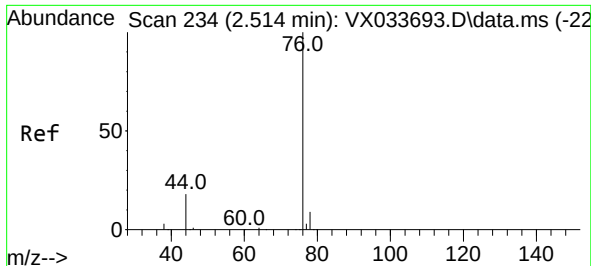
Delta R.T. -0.018 min

Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

Tgt Ion:	43	Resp:	70846
Ion	Ratio	Lower	Upper
43	100		
58	32.2	22.6	33.8





#17

Carbon Disulfide

Concen: 14.922 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS01

Tgt Ion: 76 Resp: 46230

Ion Ratio Lower Upper

76 100

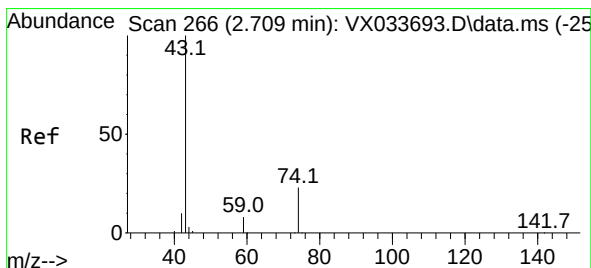
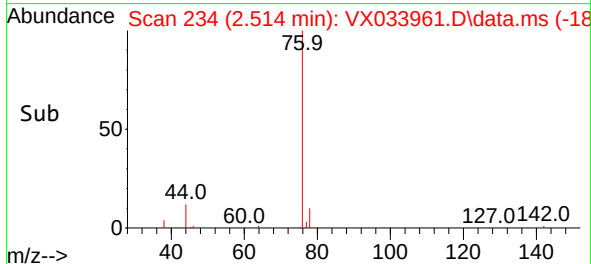
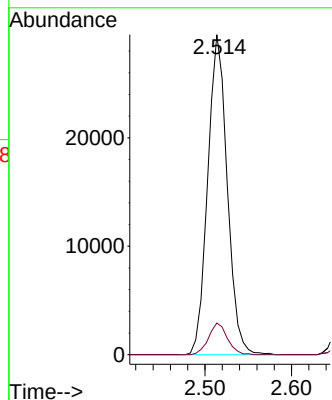
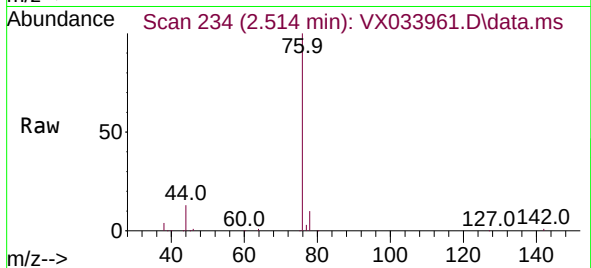
78 9.9 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#18

Methyl Acetate

Concen: 18.481 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX033961.D

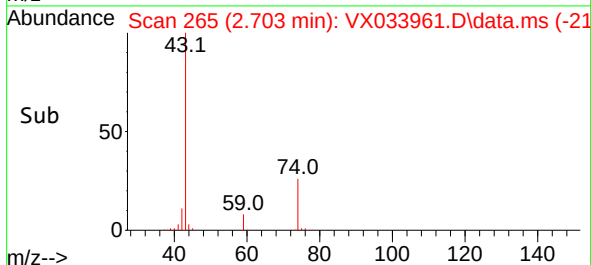
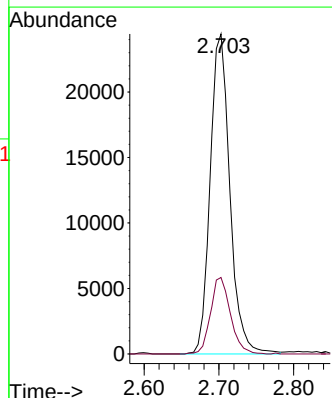
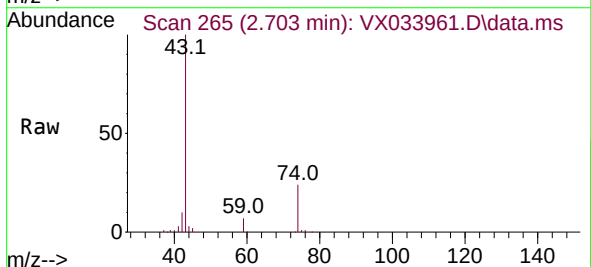
Acq: 31 Jan 2023 11:05

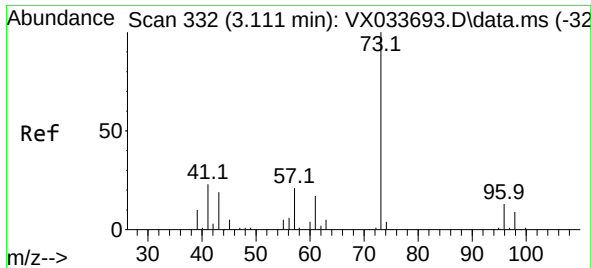
Tgt Ion: 43 Resp: 44849

Ion Ratio Lower Upper

43 100

74 24.1 18.2 27.4





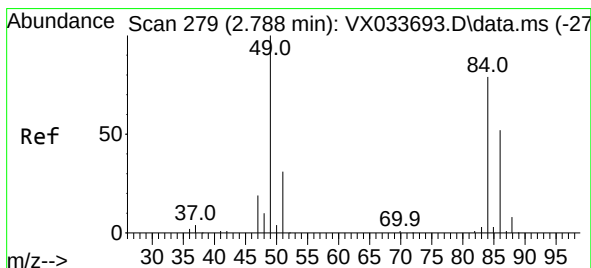
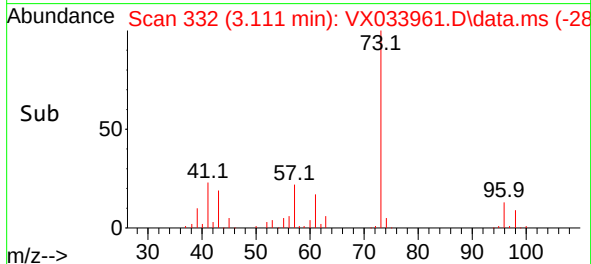
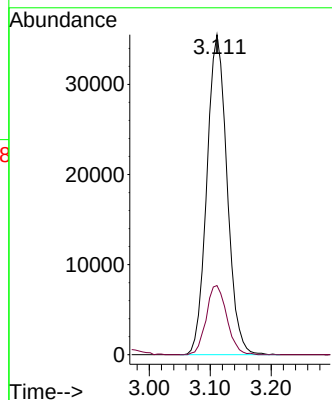
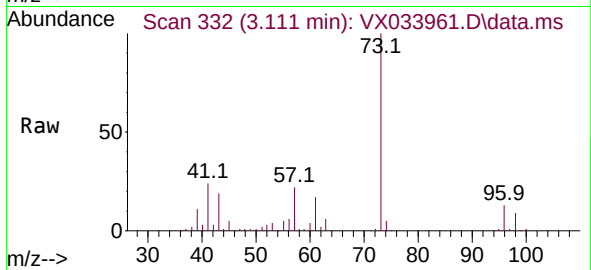
#19
Methyl tert-butyl Ether
Concen: 17.525 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS01

Tgt Ion: 73 Resp: 8179
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.0

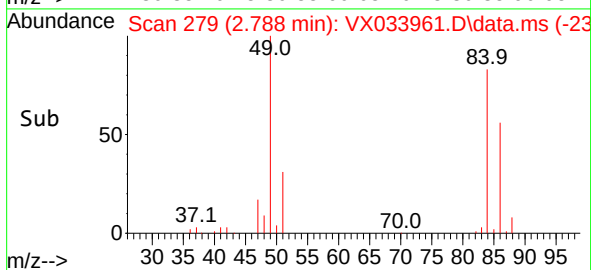
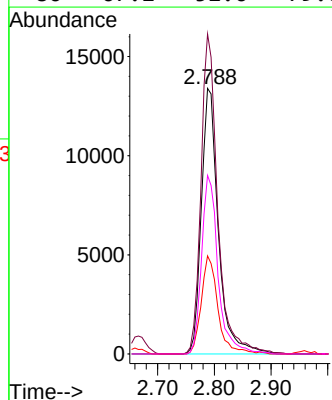
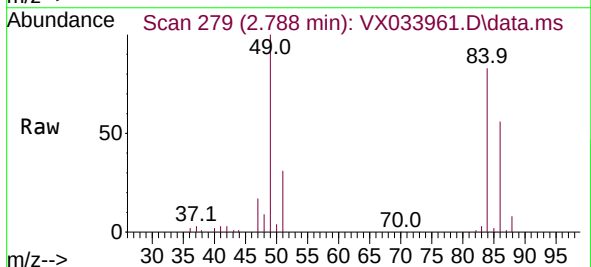
Manual Integrations
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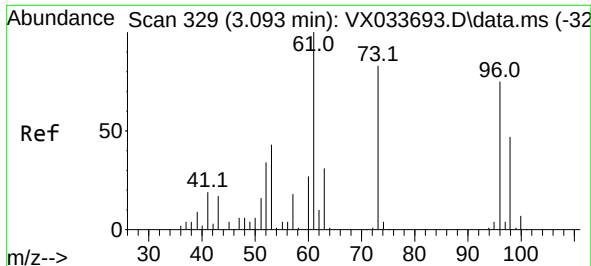
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#20
Methylene Chloride
Concen: 16.839 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

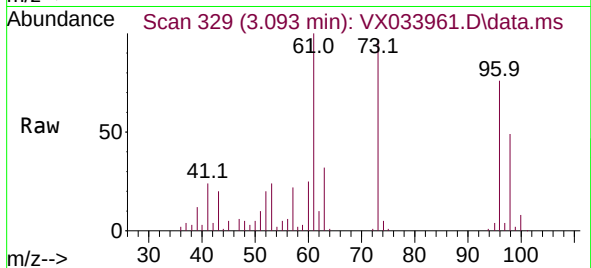
Tgt Ion: 84 Resp: 27972
Ion Ratio Lower Upper
84 100
49 120.5 101.1 151.7
51 36.9 31.0 46.6
86 67.2 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 16.558 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

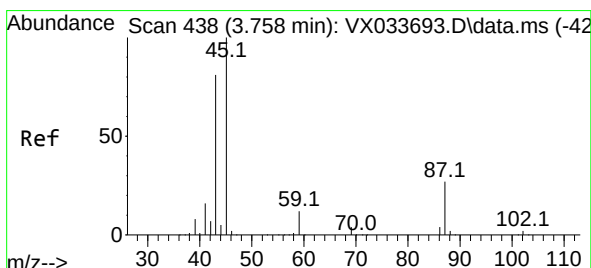
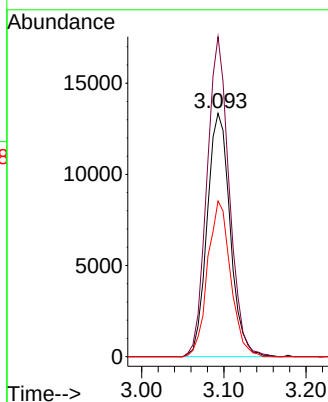
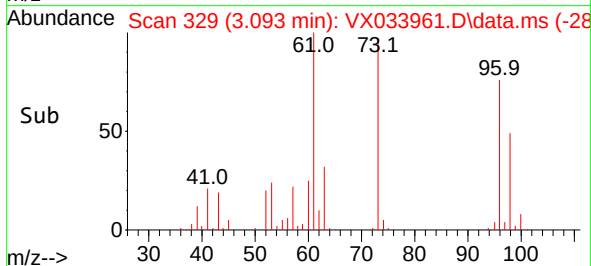
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS01



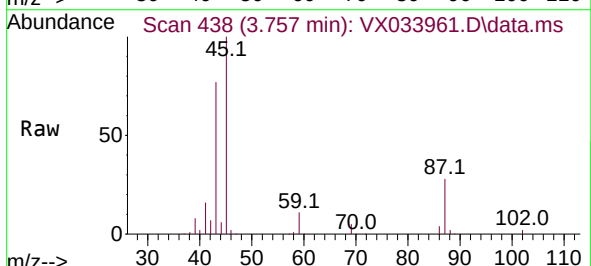
Tgt Ion: 96 Resp: 2601
Ion Ratio Lower Upper
96 100
61 131.5 106.7 160.1
98 64.0 50.0 75.0

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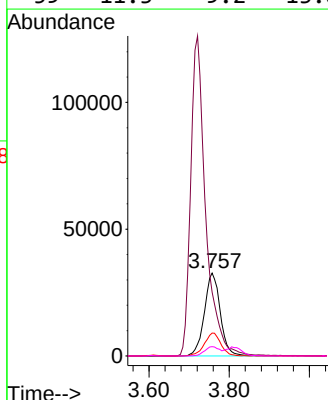
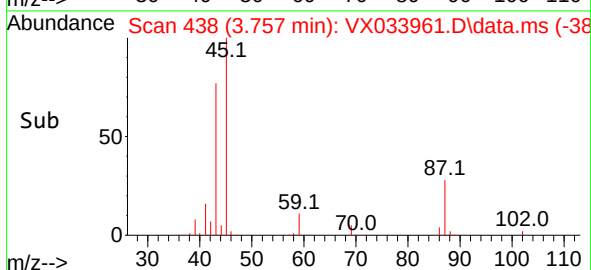
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023

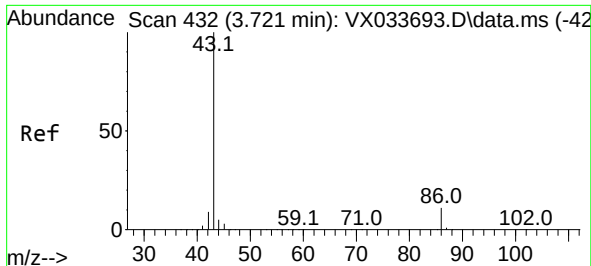


#22
Diisopropyl ether
Concen: 17.752 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05



Tgt Ion: 45 Resp: 90526
Ion Ratio Lower Upper
45 100
43 76.7 64.6 97.0
87 27.6 21.9 32.9
59 11.3 9.2 13.8





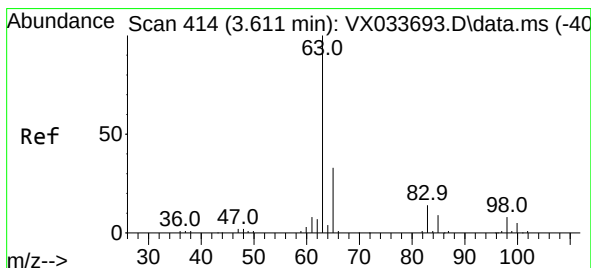
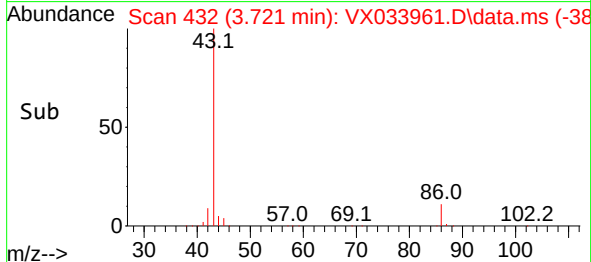
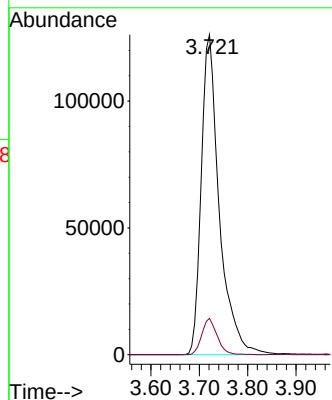
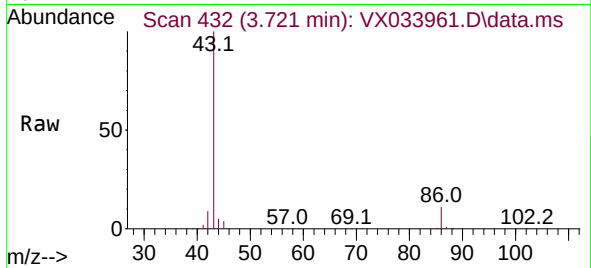
#23
 Vinyl Acetate
 Concen: 85.380 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX033961.D
 Acq: 31 Jan 2023 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBS01

Tgt Ion: 43 Resp: 327758
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.4 12.6

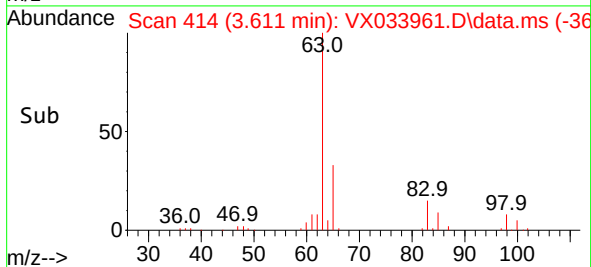
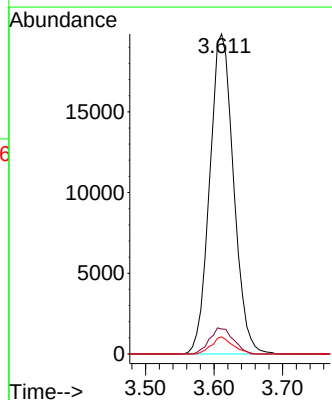
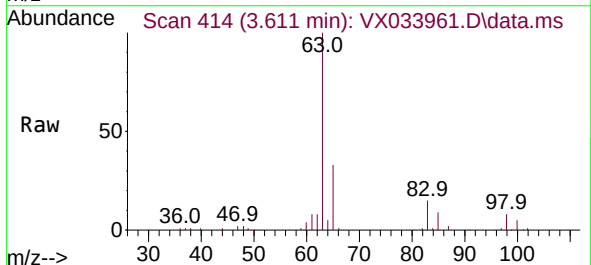
Manual Integrations
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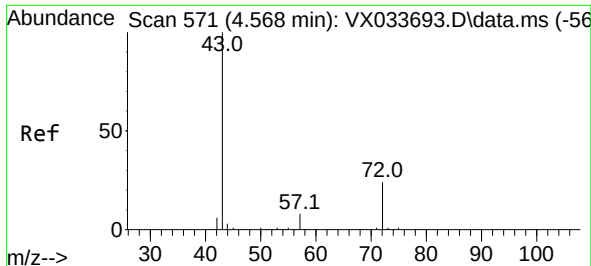
Reviewed By :John Carlone 02/01/2023
 Supervised By :Mahesh Dadoda 02/01/2023



#24
 1,1-Dichloroethane
 Concen: 17.179 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX033961.D
 Acq: 31 Jan 2023 11:05

Tgt Ion: 63 Resp: 47930
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.8 11.2
 100 5.3 2.4 7.2





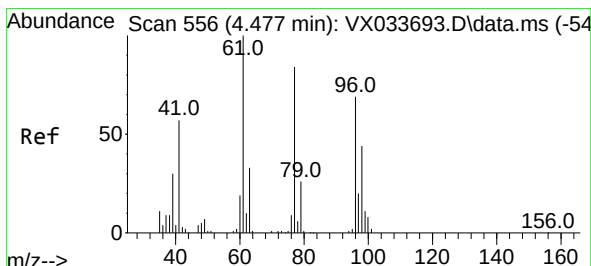
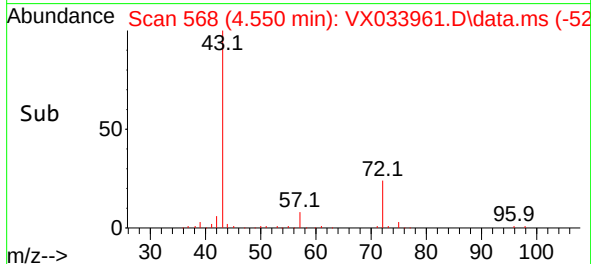
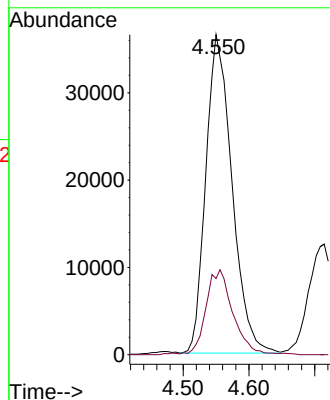
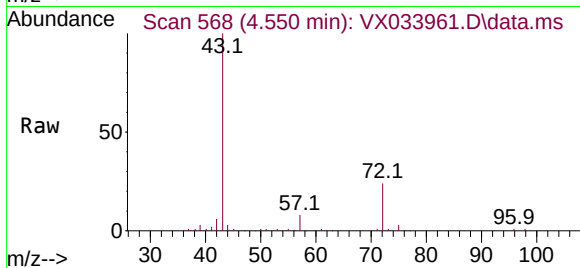
#25
2-Butanone
Concen: 88.971 ug/l
RT: 4.550 min Scan# 571
Delta R.T. -0.018 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS01

Tgt Ion: 43 Resp: 10108
Ion Ratio Lower Upper
43 100
72 23.7 19.4 29.2

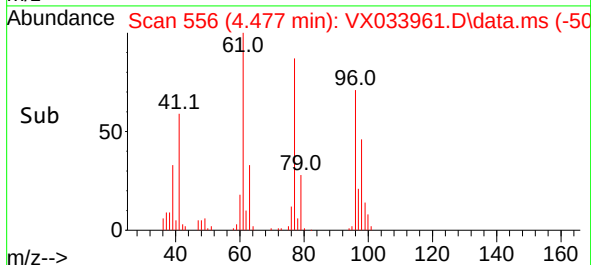
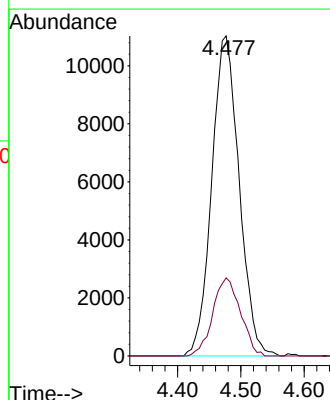
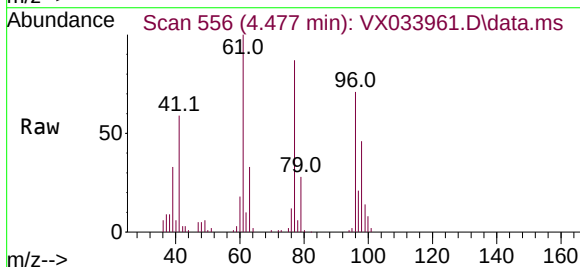
Manual Integrations
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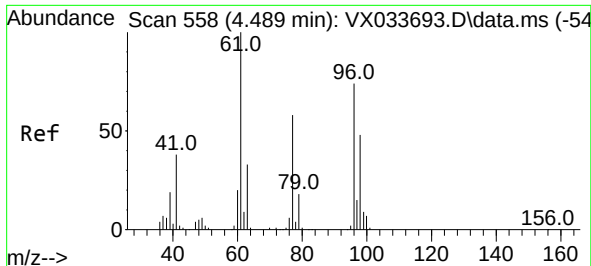
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#26
2,2-Dichloropropane
Concen: 16.595 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

Tgt Ion: 77 Resp: 33165
Ion Ratio Lower Upper
77 100
97 24.6 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 17.625 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS01

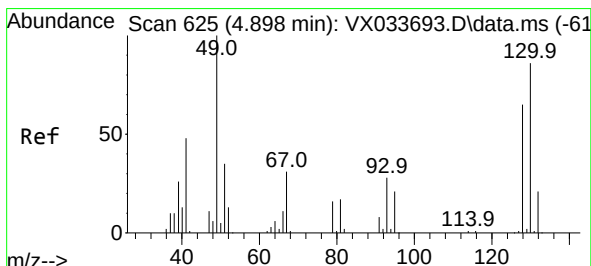
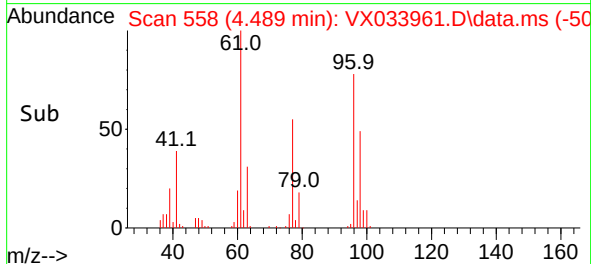
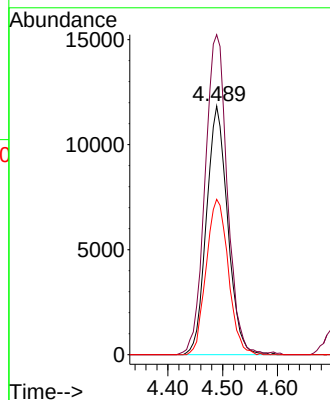
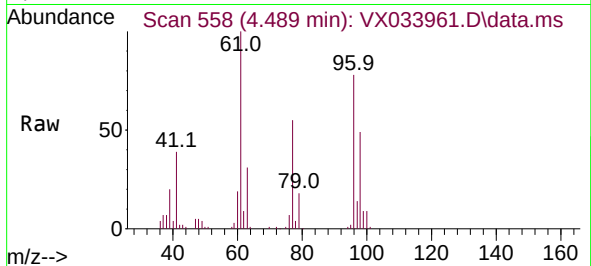
Tgt Ion: 96	Resp: 3183
Ion Ratio	Lower Upper
96 100	
61 135.0	0.0 277.6
98 65.1	0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#28

Bromochloromethane

Concen: 20.674 ug/l

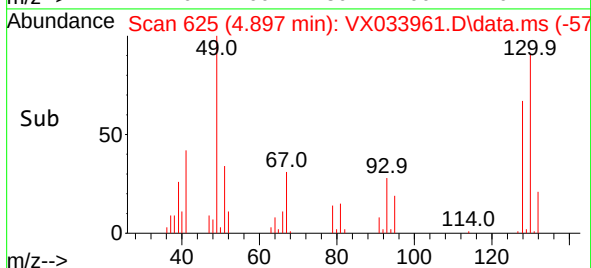
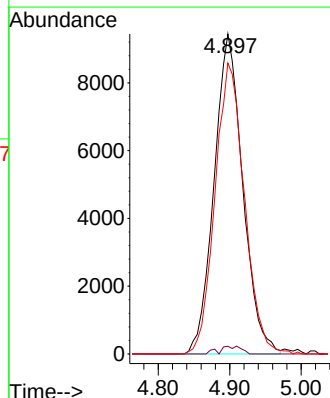
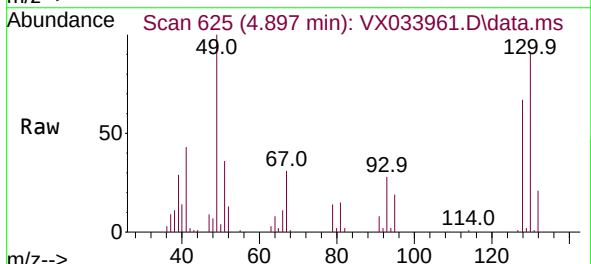
RT: 4.897 min Scan# 625

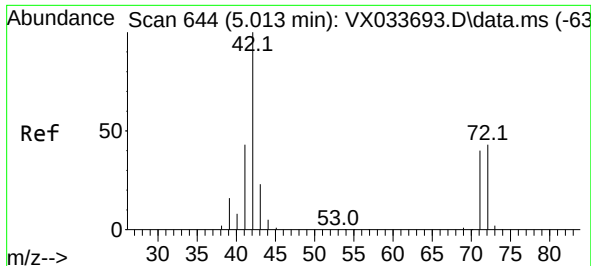
Delta R.T. -0.000 min

Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

Tgt Ion: 49	Resp: 26273
Ion Ratio	Lower Upper
49 100	
129 1.9	0.0 4.6
130 93.1	68.5 102.7





#29

Tetrahydrofuran

Concen: 89.938 ug/l

RT: 5.001 min Scan# 644

Delta R.T. -0.012 min

Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS01

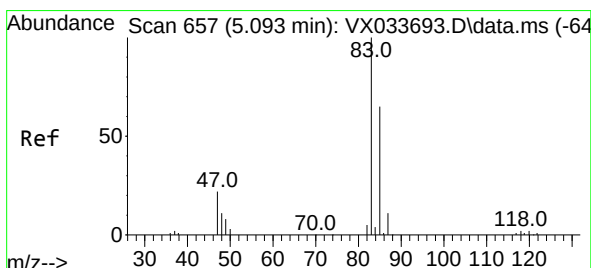
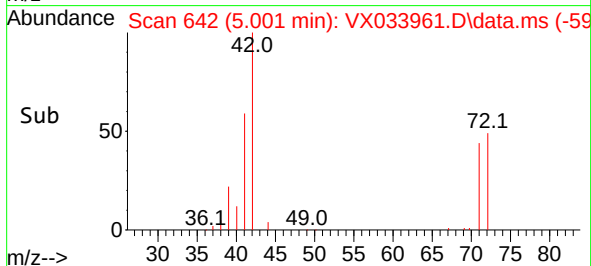
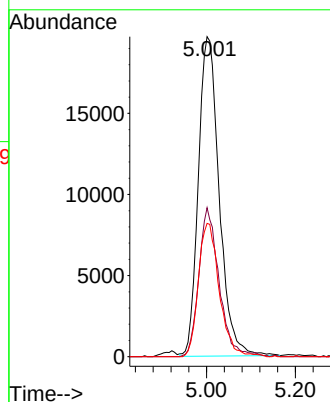
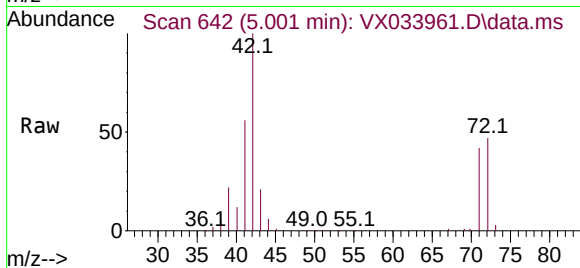
Tgt Ion:	42	Resp:	6440
Ion	Ratio	Lower	Upper
42	100		
72	45.2	34.8	52.2
71	41.9	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#30

Chloroform

Concen: 17.652 ug/l

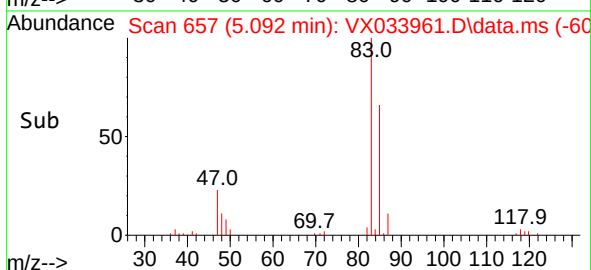
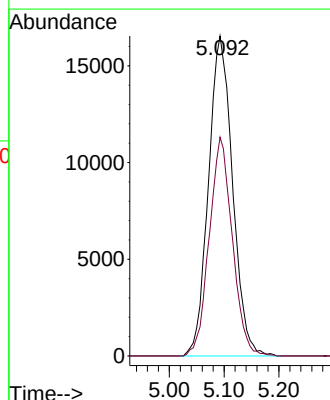
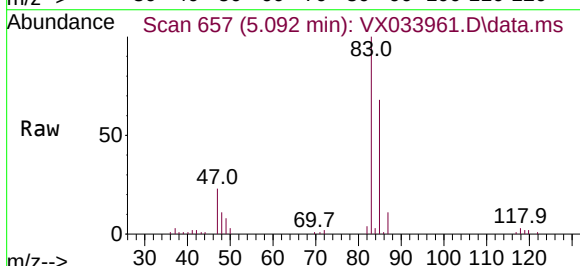
RT: 5.092 min Scan# 657

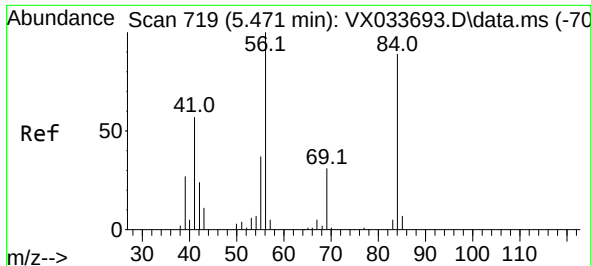
Delta R.T. -0.000 min

Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

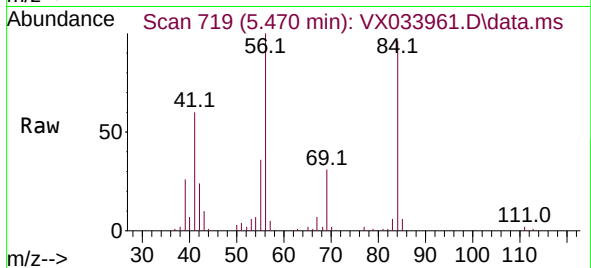
Tgt Ion:	83	Resp:	50441
Ion	Ratio	Lower	Upper
83	100		
85	68.4	52.1	78.1





#31
Cyclohexane
Concen: 15.784 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

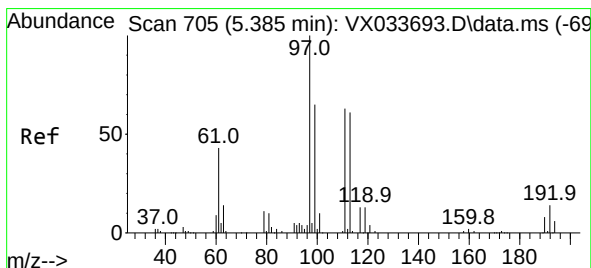
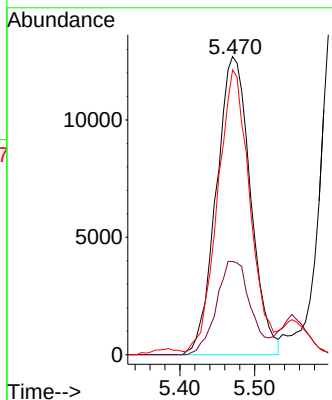
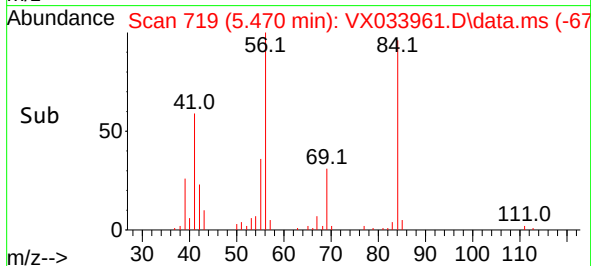
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS01



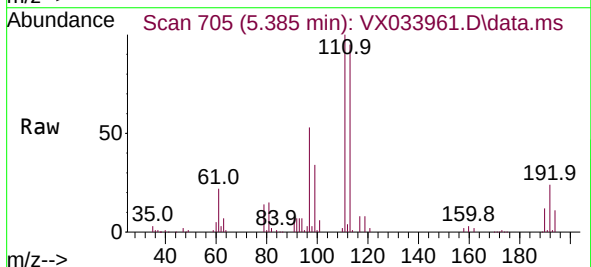
Tgt Ion: 56 Resp: 40380
Ion Ratio Lower Upper
56 100
69 31.3 24.6 37.0
84 94.0 71.0 106.6

Manual Integrations
APPROVED

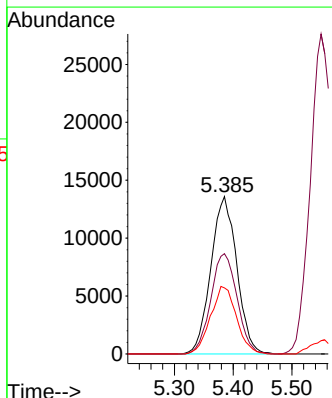
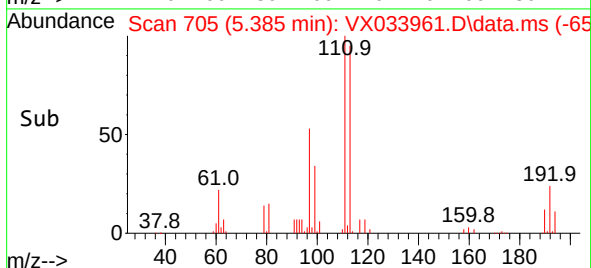
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023

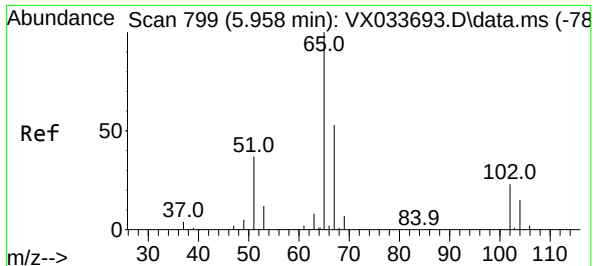


#32
1,1,1-Trichloroethane
Concen: 17.102 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05



Tgt Ion: 97 Resp: 41724
Ion Ratio Lower Upper
97 100
99 64.4 52.3 78.5
61 42.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 44.661 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS01

Tgt Ion: 65 Resp: 77659

Ion Ratio Lower Upper

65 100

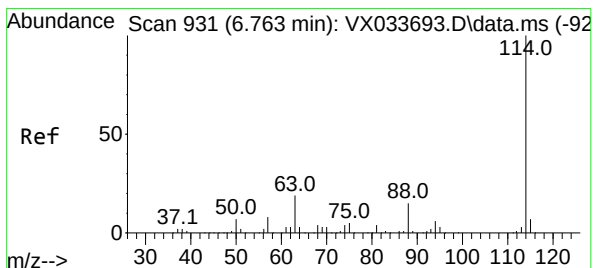
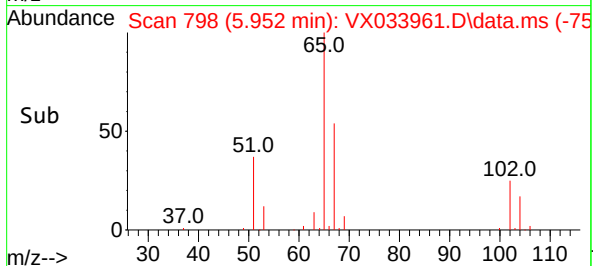
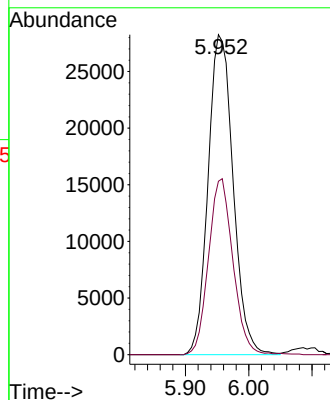
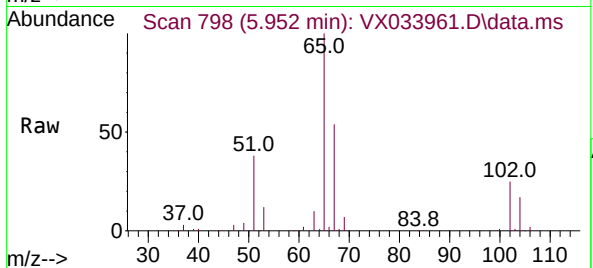
67 53.5 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

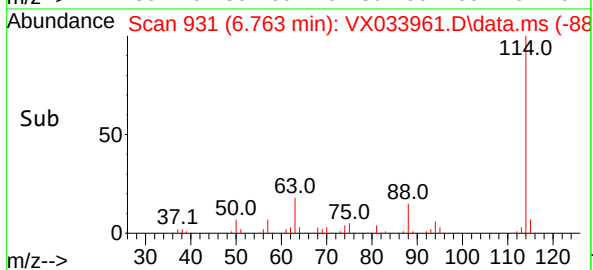
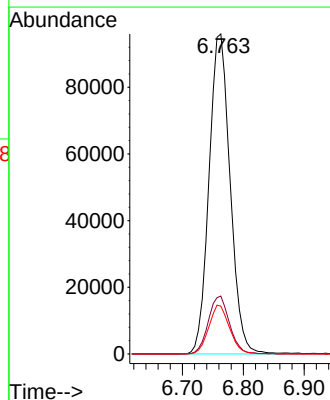
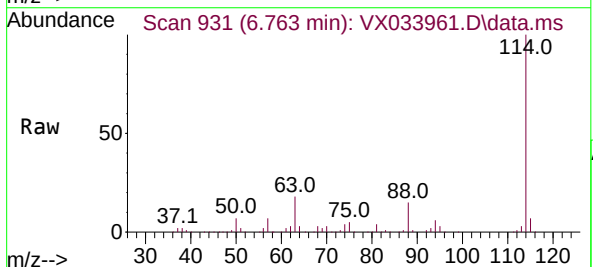
Tgt Ion:114 Resp: 230963

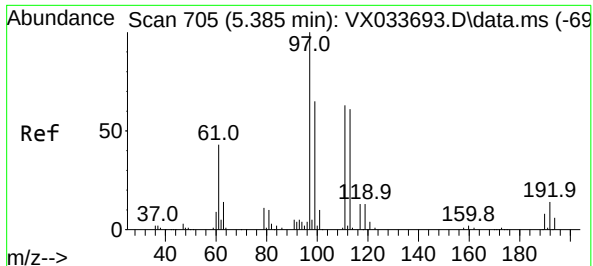
Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.4

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.565 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS01

Tgt Ion: 113 Resp: 72518

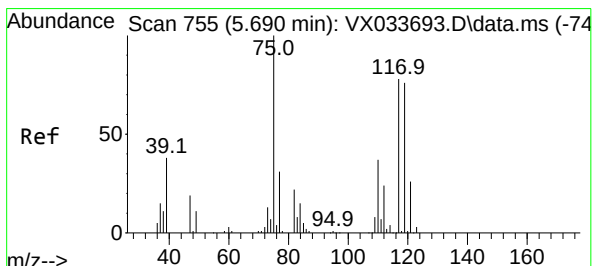
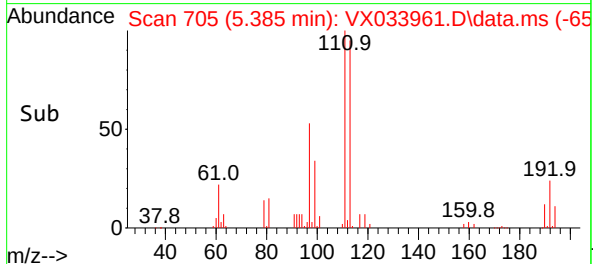
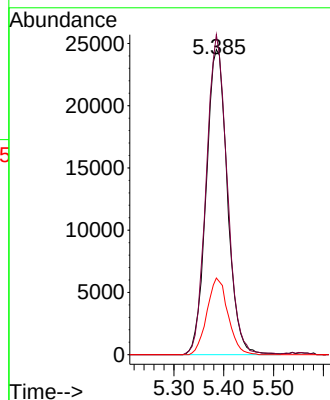
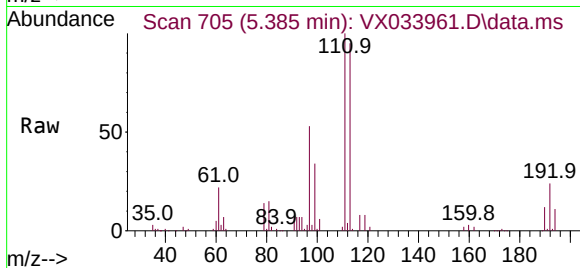
Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.0	124.6
192	24.8	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#36

1,1-Dichloropropene

Concen: 17.107 ug/l

RT: 5.696 min Scan# 756

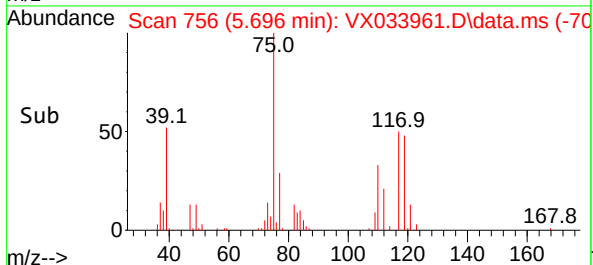
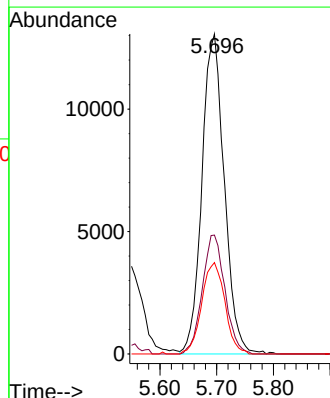
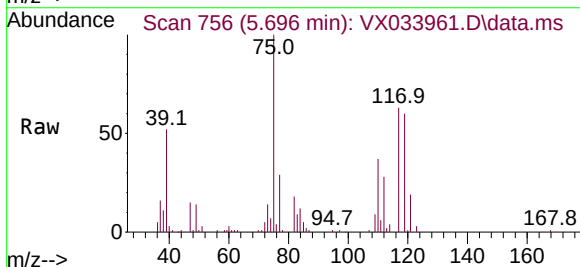
Delta R.T. 0.006 min

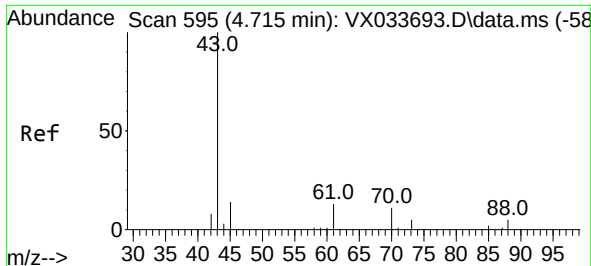
Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

Tgt Ion: 75 Resp: 35806

Ion	Ratio	Lower	Upper
75	100		
110	37.6	18.8	56.4
77	29.5	25.1	37.7





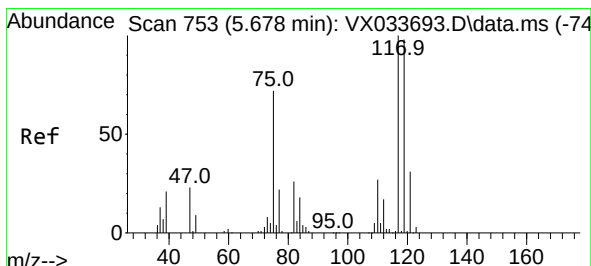
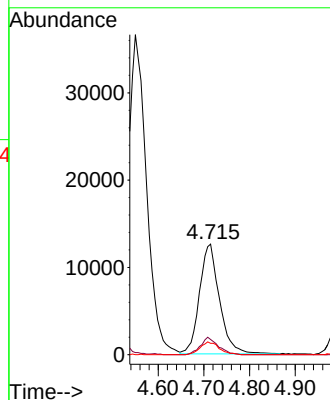
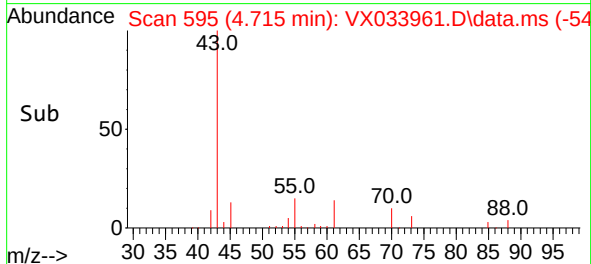
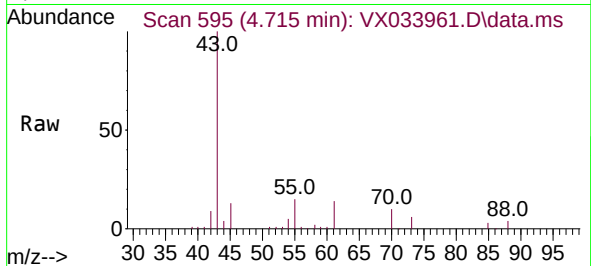
#37
Ethyl Acetate
Concen: 17.289 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS01

Tgt Ion: 43 Resp: 38264
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 11.0 8.5 12.7

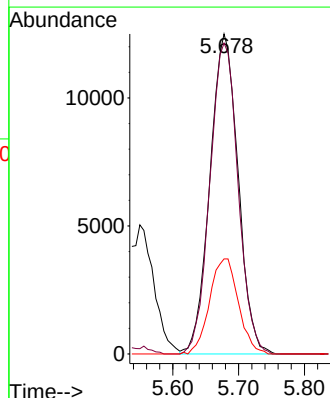
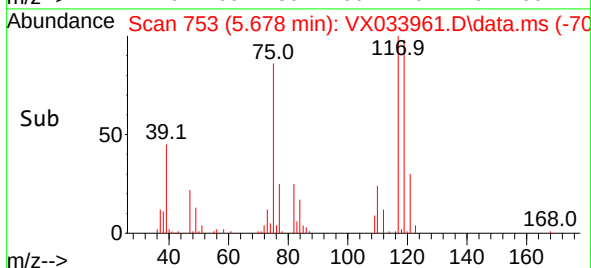
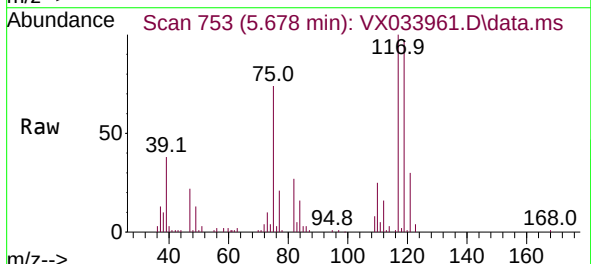
Manual Integrations
APPROVED

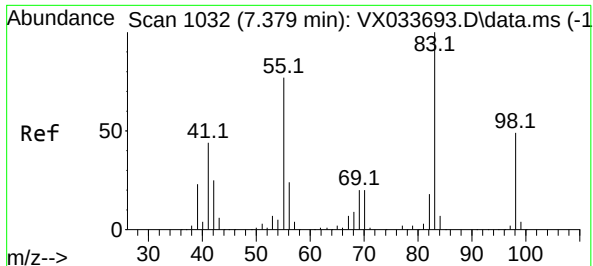
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#38
Carbon Tetrachloride
Concen: 17.177 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

Tgt Ion:117 Resp: 37238
Ion Ratio Lower Upper
117 100
119 97.1 78.0 117.0
121 29.7 24.4 36.6





#39

Methylcyclohexane

Concen: 16.388 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS01

Tgt Ion: 83 Resp: 42359

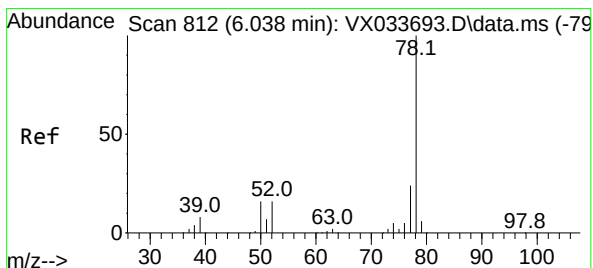
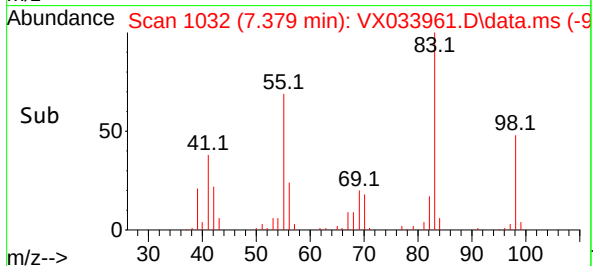
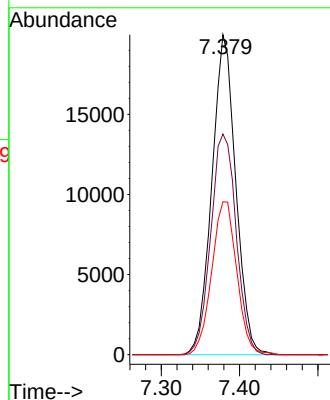
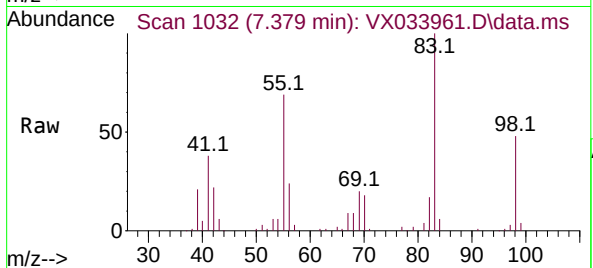
Ion	Ratio	Lower	Upper
83	100		
55	68.9	61.8	92.6
98	47.8	39.3	58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#40

Benzene

Concen: 17.853 ug/l

RT: 6.037 min Scan# 812

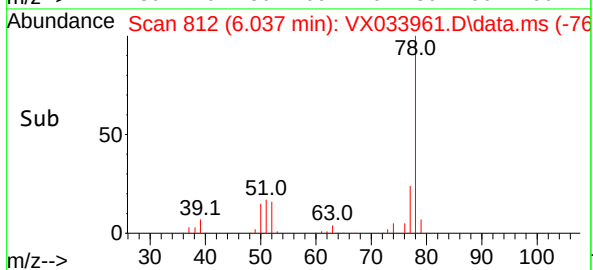
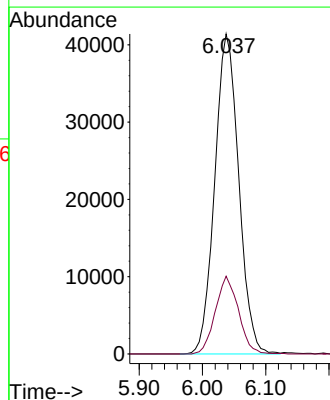
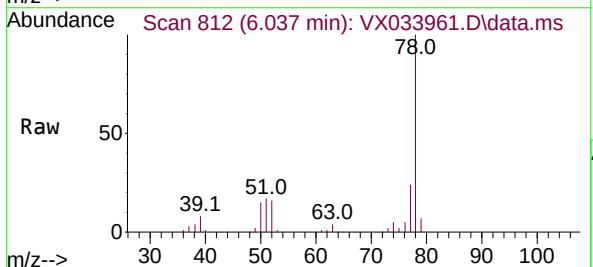
Delta R.T. -0.000 min

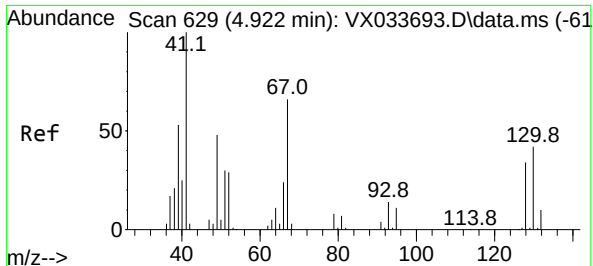
Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

Tgt Ion: 78 Resp: 108921

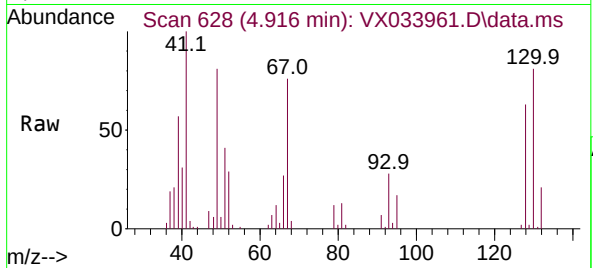
Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.0	28.4





#41
Methacrylonitrile
Concen: 18.441 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

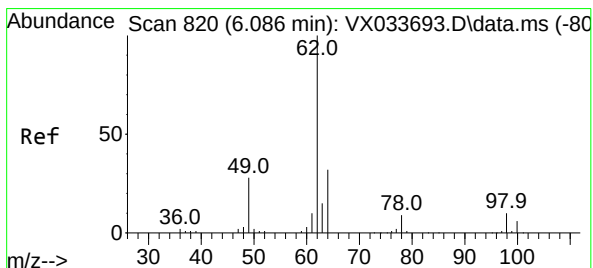
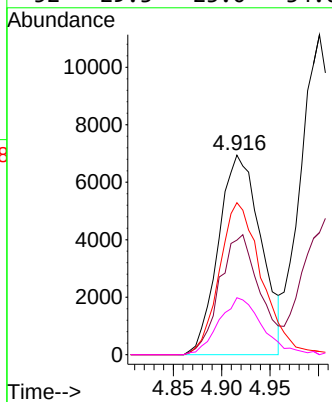
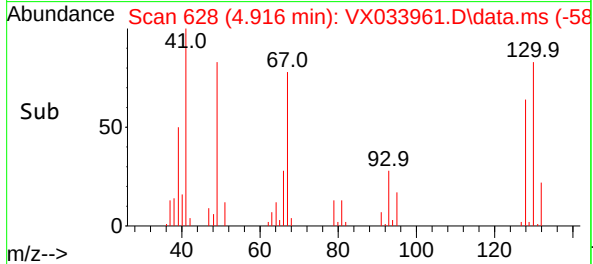
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS01



Tgt Ion: 41 Resp: 21270
Ion Ratio Lower Upper
41 100
39 58.2 43.8 65.6
67 76.4 54.8 82.2
52 29.3 23.0 34.6

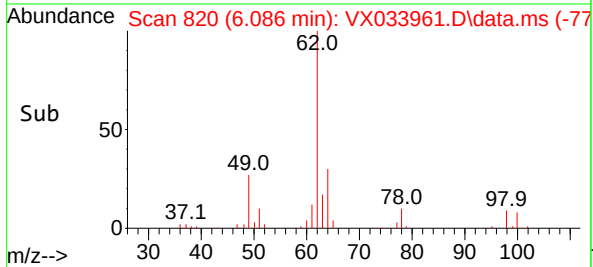
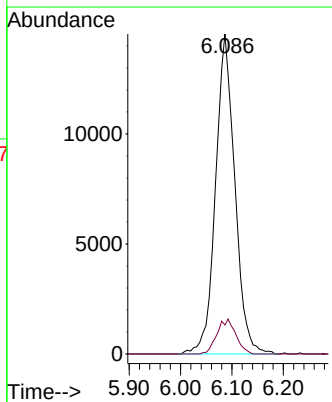
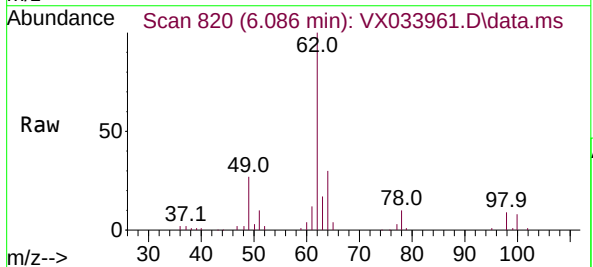
Manual Integrations
APPROVED

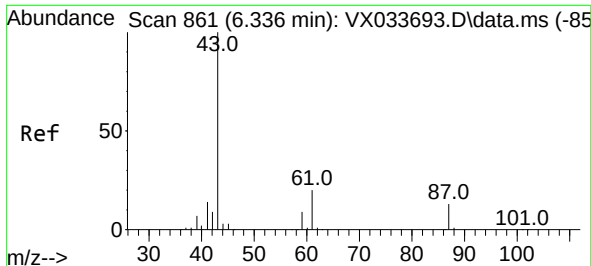
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#42
1,2-Dichloroethane
Concen: 17.532 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

Tgt Ion: 62 Resp: 37905
Ion Ratio Lower Upper
62 100
98 10.7 0.0 20.2





#43

Isopropyl Acetate

Concen: 17.685 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.000 min

Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS01

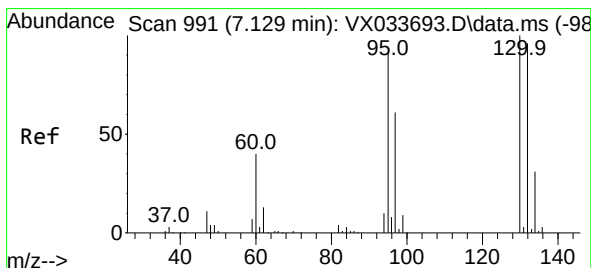
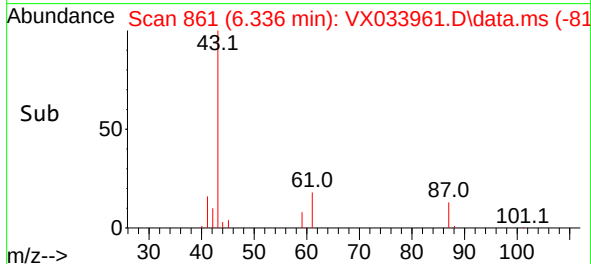
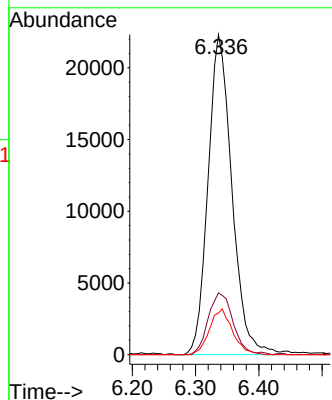
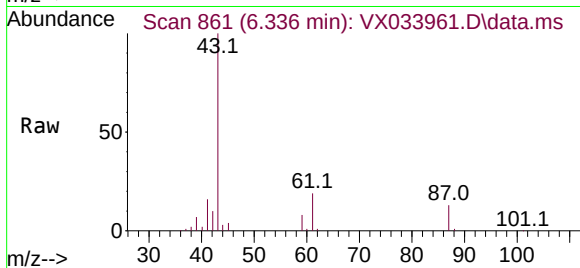
Tgt Ion: 43	Resp: 5843
Ion Ratio	Lower Upper
43 100	
61 20.2	15.7 23.5
87 13.8	10.6 15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#44

Trichloroethene

Concen: 18.558 ug/l

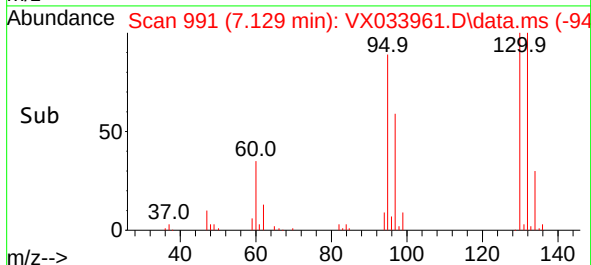
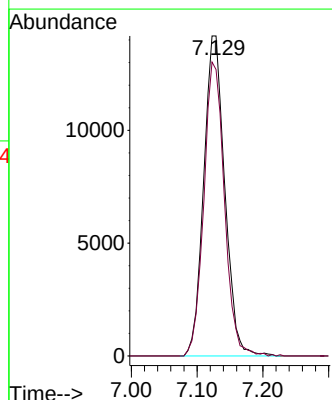
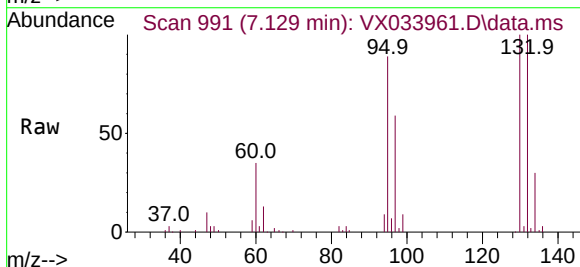
RT: 7.129 min Scan# 991

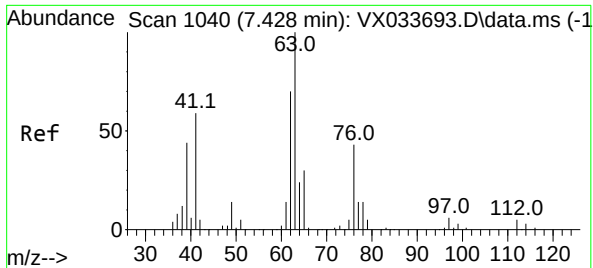
Delta R.T. -0.000 min

Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

Tgt Ion:130	Resp: 31661
Ion Ratio	Lower Upper
130 100	
95 89.5	0.0 182.6





#45

1,2-Dichloropropane

Concen: 18.358 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS01

Tgt Ion: 63 Resp: 2805

Ion Ratio Lower Upper

63 100

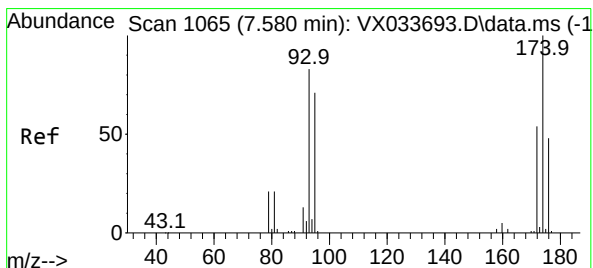
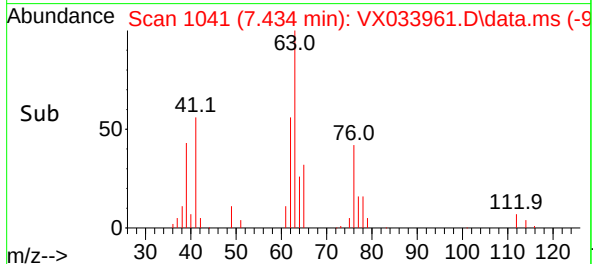
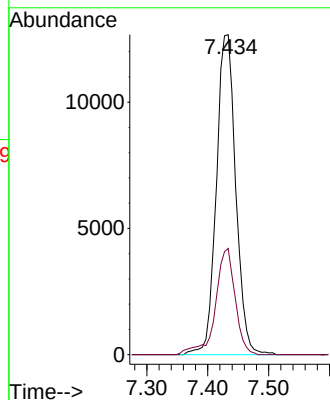
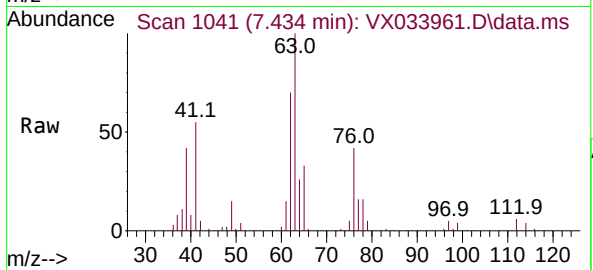
65 33.2 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#46

Dibromomethane

Concen: 18.542 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

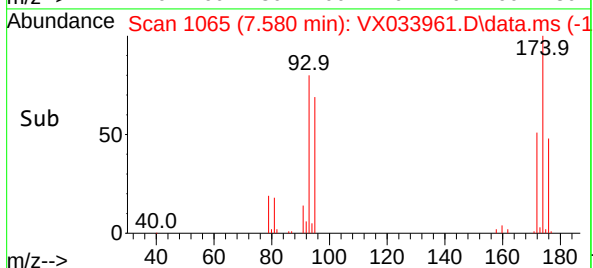
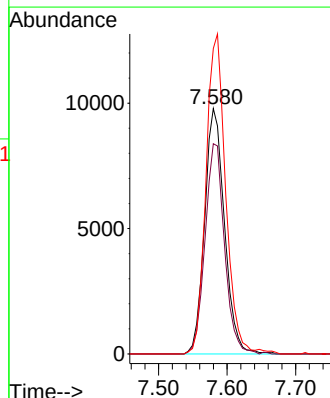
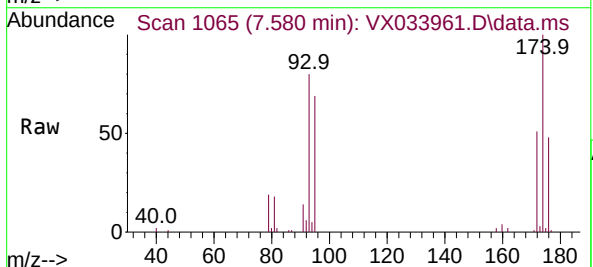
Tgt Ion: 93 Resp: 19794

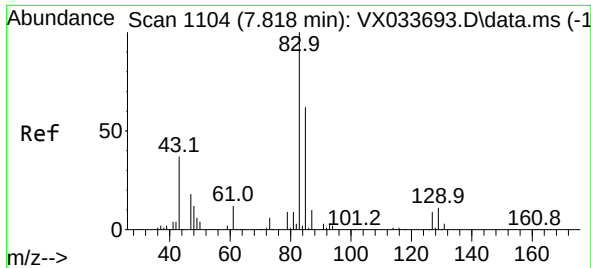
Ion Ratio Lower Upper

93 100

95 83.7 67.6 101.4

174 129.0 97.4 146.0





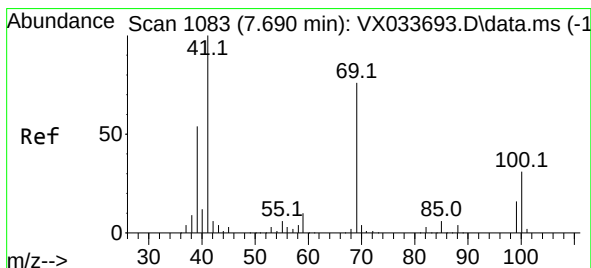
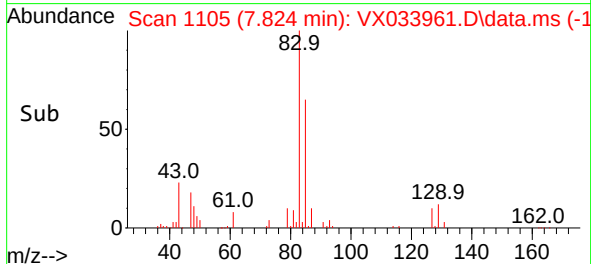
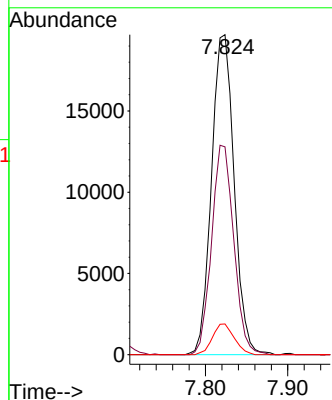
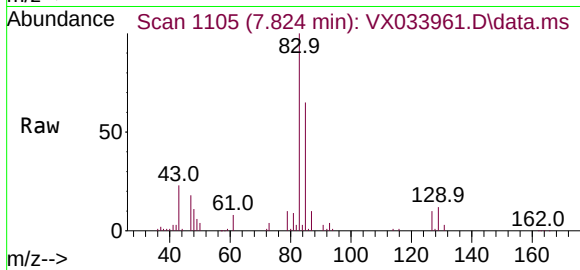
#47
Bromodichloromethane
Concen: 18.323 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS01

Tgt Ion: 83 Resp: 37690
Ion Ratio Lower Upper
83 100
85 64.9 49.8 74.6
127 9.6 7.0 10.4

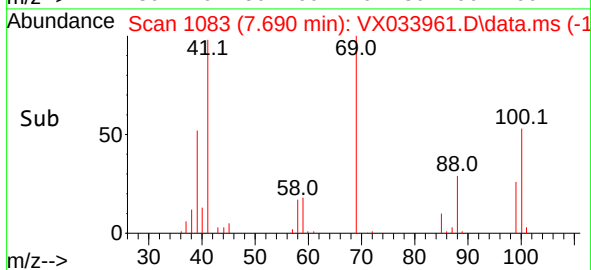
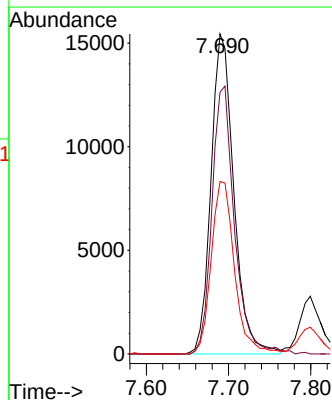
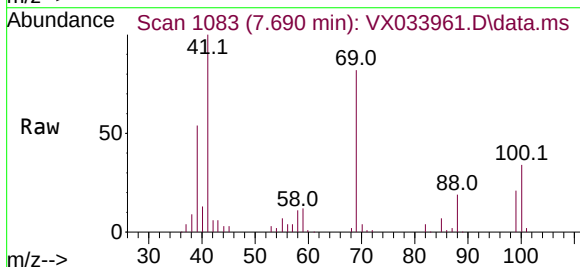
Manual Integrations
APPROVED

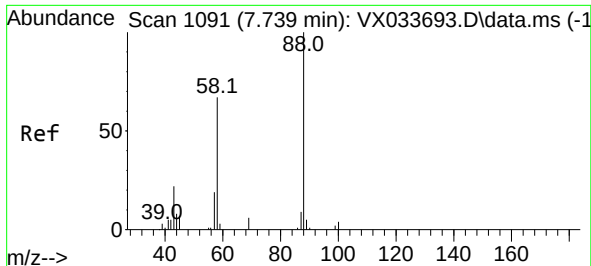
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#48
Methyl methacrylate
Concen: 17.904 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

Tgt Ion: 41 Resp: 29801
Ion Ratio Lower Upper
41 100
69 83.0 63.1 94.7
39 55.1 43.2 64.8





#49

1,4-Dioxane

Concen: 353.543 ug/l

RT: 7.671 min Scan# 1091

Delta R.T. -0.067 min

Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS01

Tgt Ion: 88 Resp: 1301

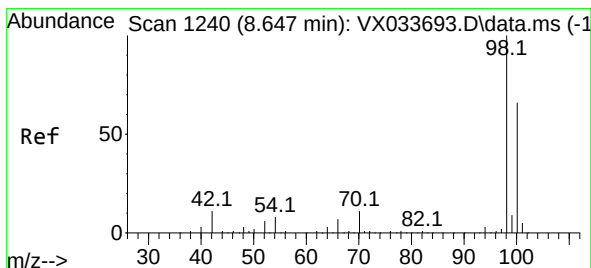
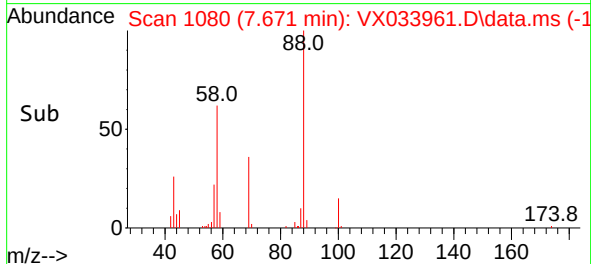
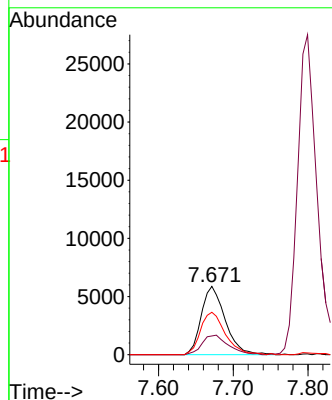
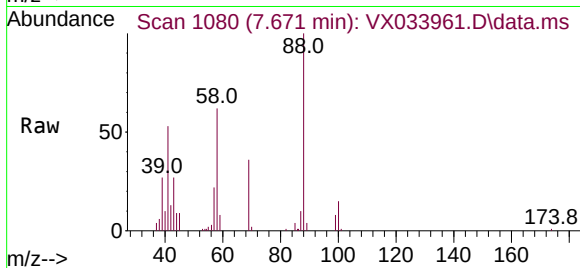
Ion	Ratio	Lower	Upper
88	100		
43	31.3	0.0	0.0
58	64.3	56.5	84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#50

Toluene-d8

Concen: 49.039 ug/l

RT: 8.647 min Scan# 1240

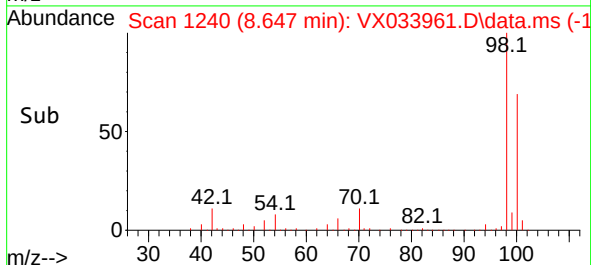
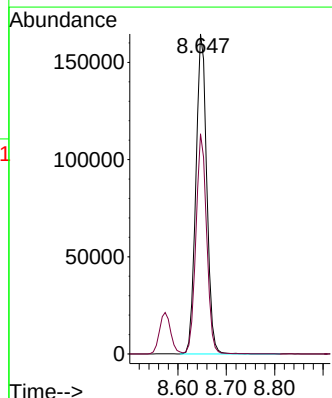
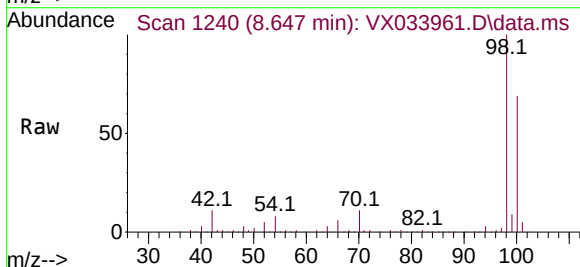
Delta R.T. -0.000 min

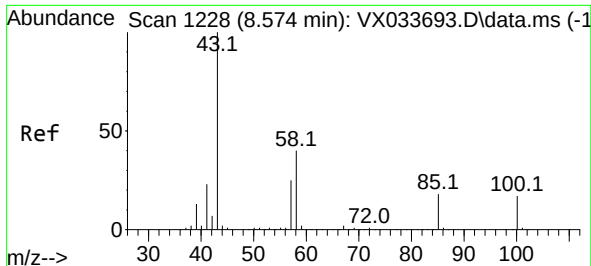
Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

Tgt Ion: 98 Resp: 256246

Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.6	80.4





#51

4-Methyl-2-Pentanone

Concen: 96.010 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS01

Tgt Ion: 43 Resp: 19483

Ion Ratio Lower Upper

43 100

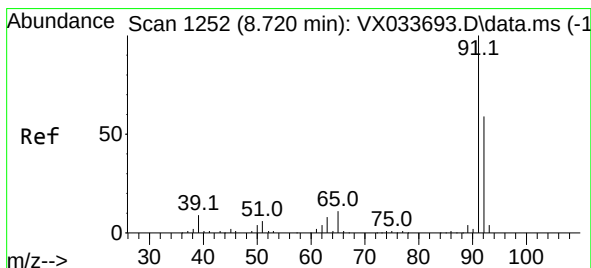
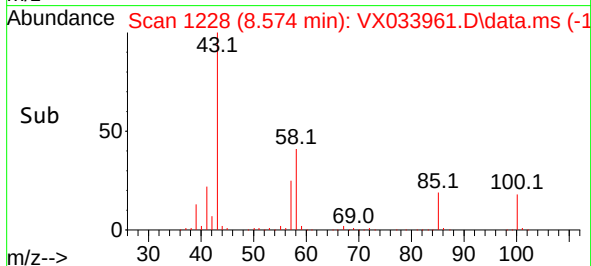
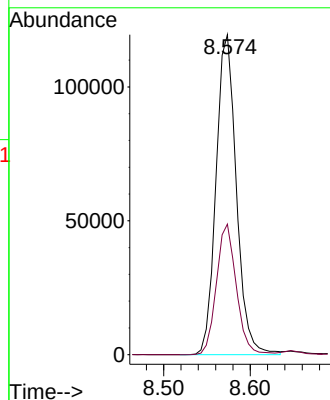
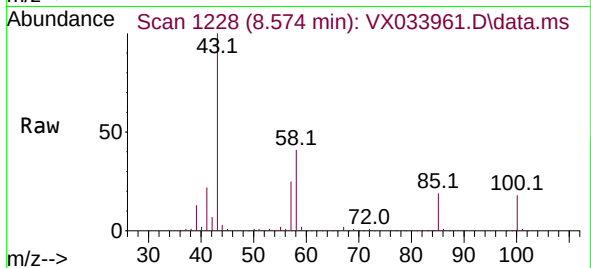
58 40.0 31.2 46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#52

Toluene

Concen: 18.220 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX033961.D

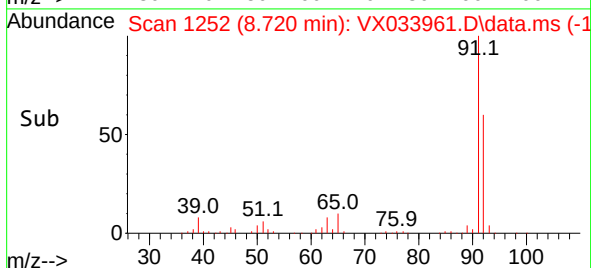
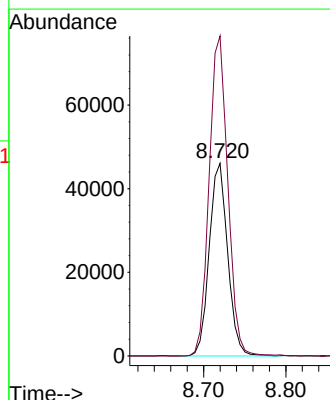
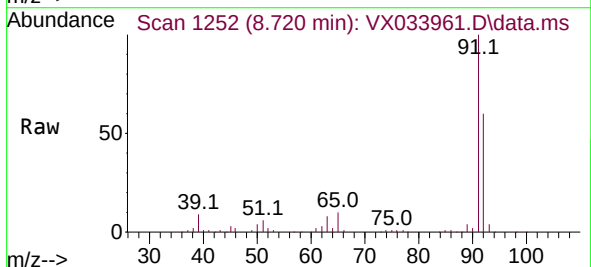
Acq: 31 Jan 2023 11:05

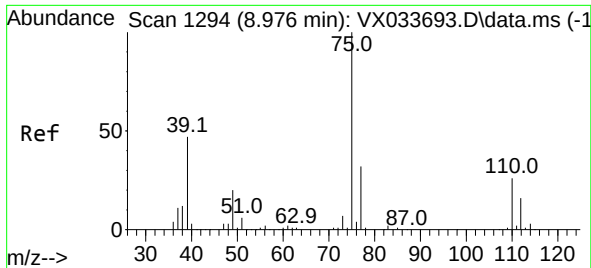
Tgt Ion: 92 Resp: 71784

Ion Ratio Lower Upper

92 100

91 168.2 135.5 203.3





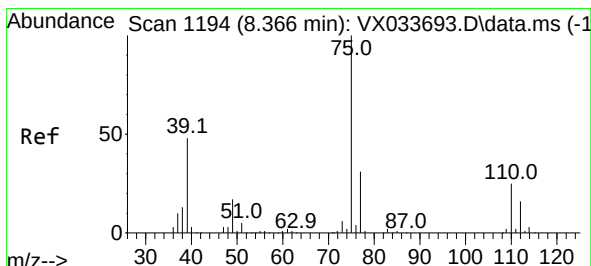
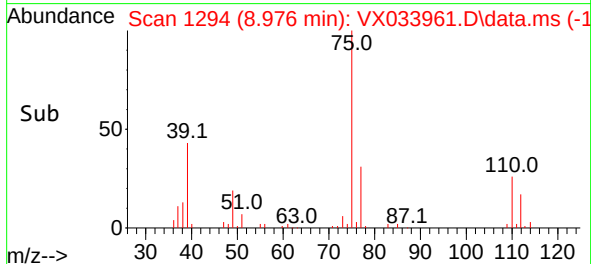
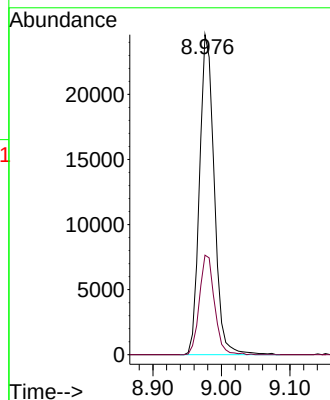
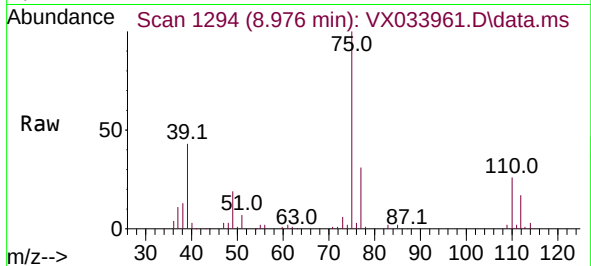
#53
t-1,3-Dichloropropene
Concen: 17.890 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS01

Tgt Ion: 75 Resp: 36800
Ion Ratio Lower Upper
75 100
77 31.1 25.5 38.3

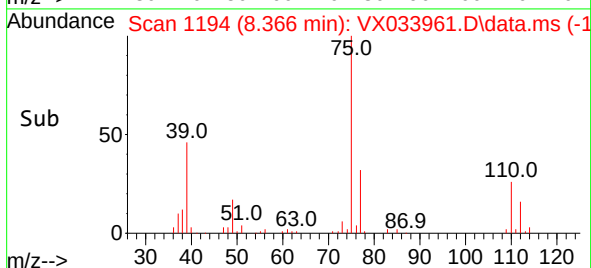
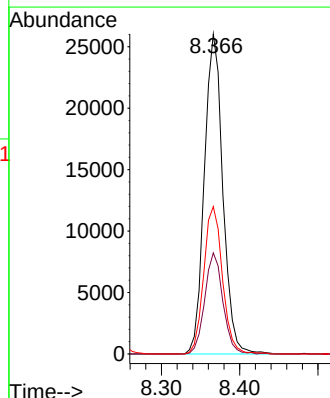
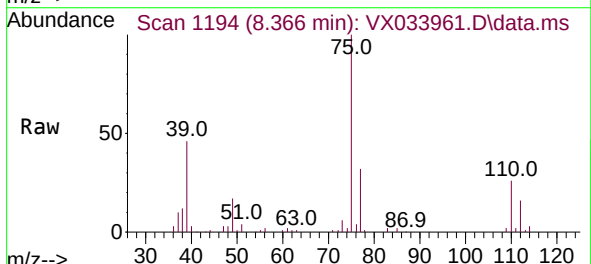
Manual Integrations
APPROVED

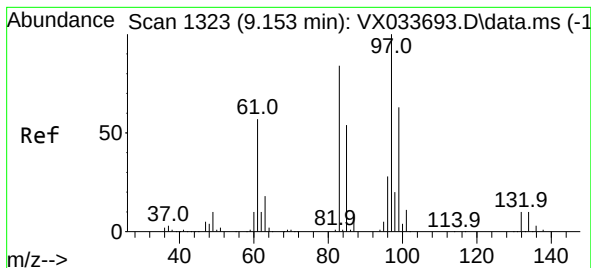
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#54
cis-1,3-Dichloropropene
Concen: 18.474 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

Tgt Ion: 75 Resp: 42589
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.6
39 46.1 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 19.094 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS01

Tgt Ion: 97 Resp: 29778

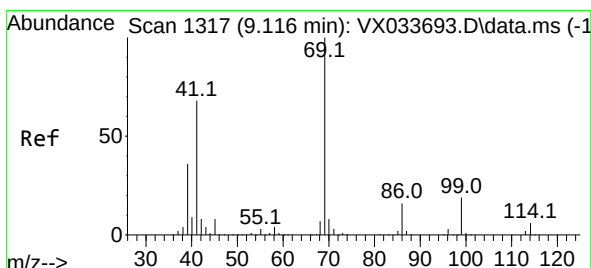
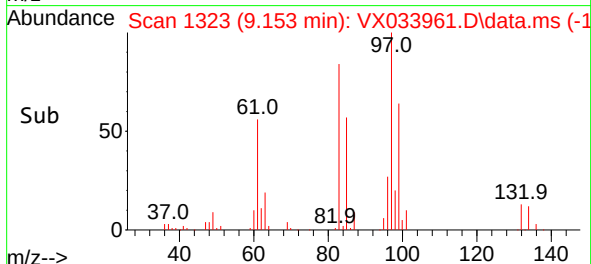
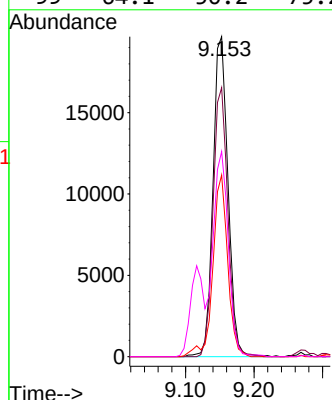
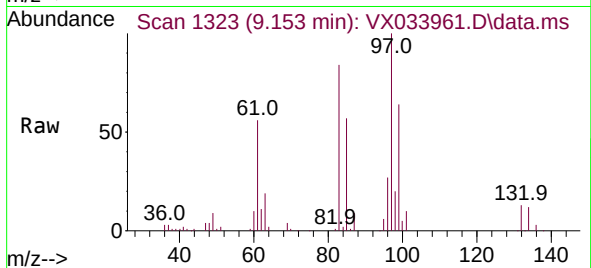
Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.4	101.0
85	56.7	43.2	64.8
99	64.1	50.2	75.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#56

Ethyl methacrylate

Concen: 19.026 ug/l

RT: 9.116 min Scan# 1317

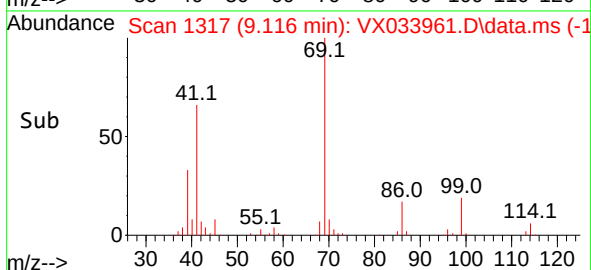
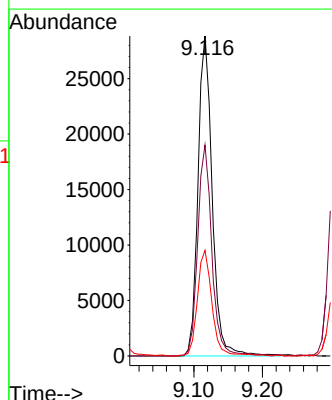
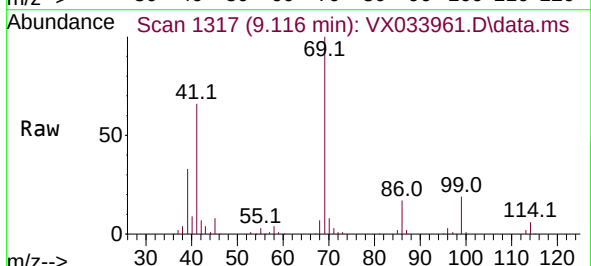
Delta R.T. -0.000 min

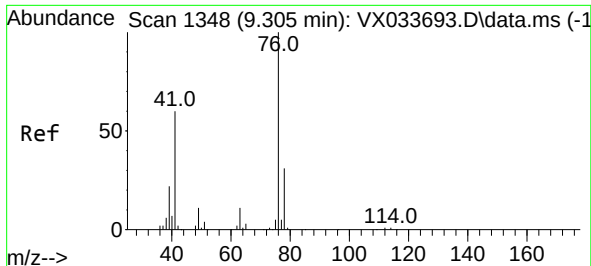
Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

Tgt Ion: 69 Resp: 41758

Ion	Ratio	Lower	Upper
69	100		
41	65.8	55.1	82.7
39	34.0	28.5	42.7





#57

1,3-Dichloropropane

Concen: 19.421 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS01

Tgt Ion: 76 Resp: 4911

Ion Ratio Lower Upper

76 100

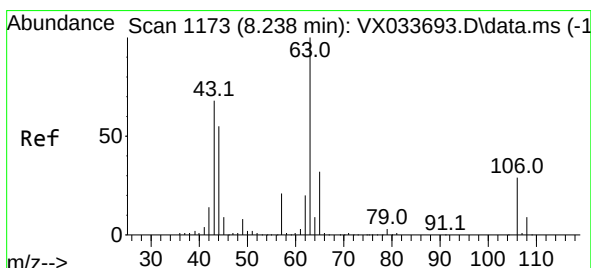
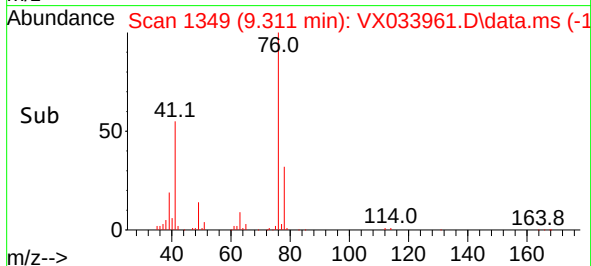
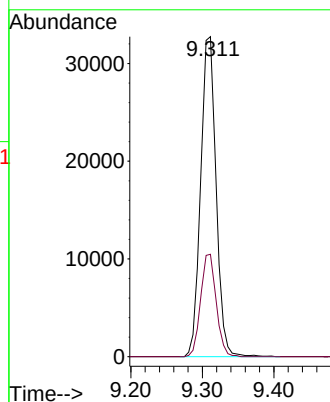
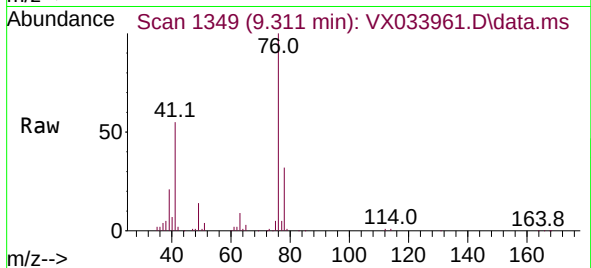
78 32.2 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#58

2-Chloroethyl Vinyl ether

Concen: 96.743 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX033961.D

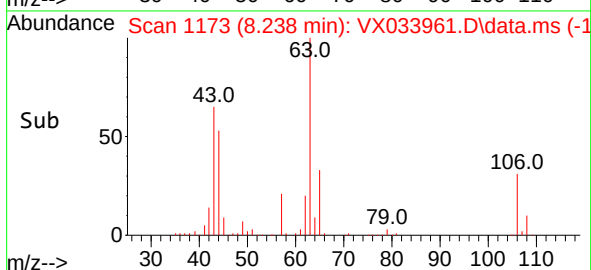
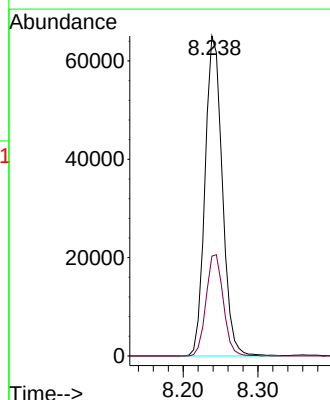
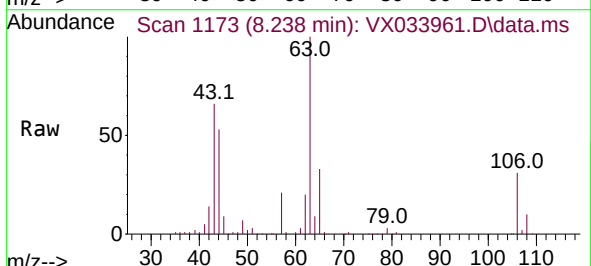
Acq: 31 Jan 2023 11:05

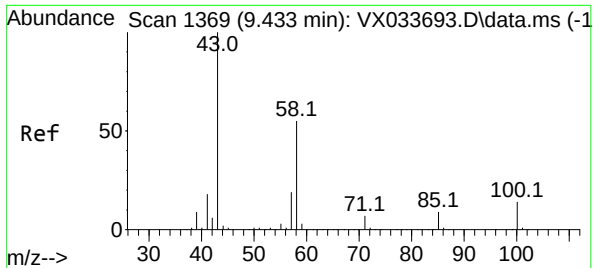
Tgt Ion: 63 Resp: 104569

Ion Ratio Lower Upper

63 100

106 31.5 24.5 36.7





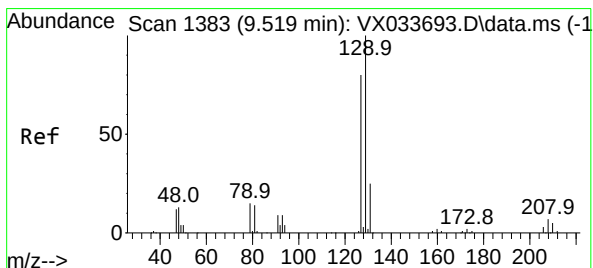
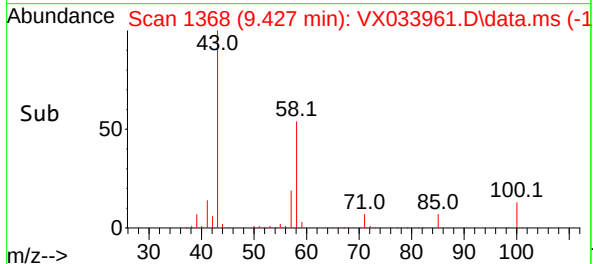
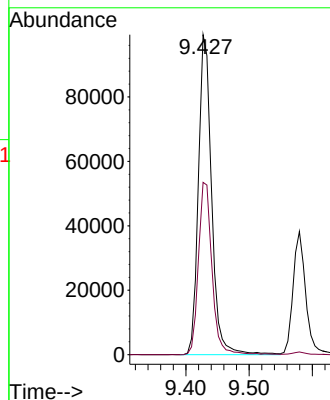
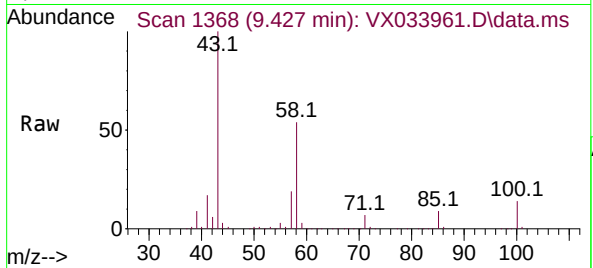
#59
2-Hexanone
Concen: 102.598 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS01

Tgt Ion: 43 Resp: 144915
Ion Ratio Lower Upper
43 100
58 55.2 27.4 82.0

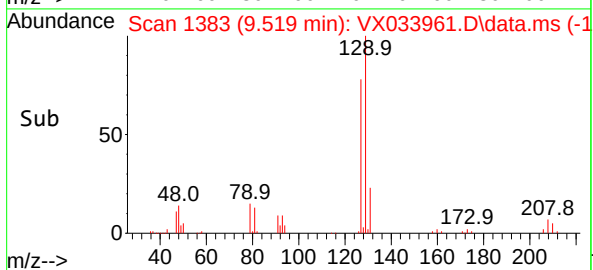
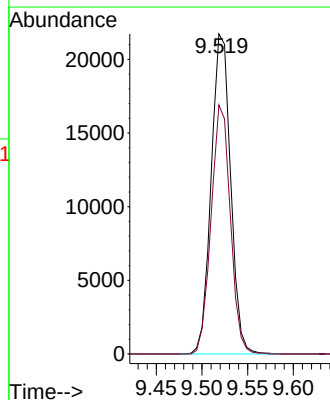
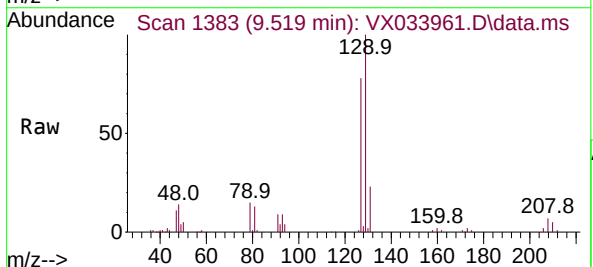
Manual Integrations
APPROVED

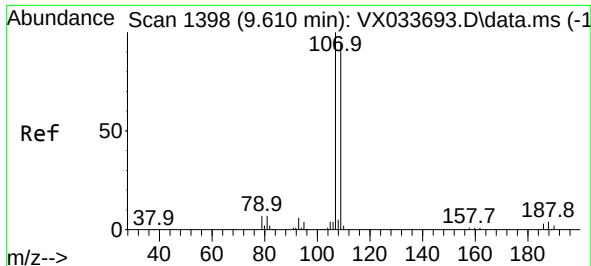
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#60
Dibromochloromethane
Concen: 19.814 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

Tgt Ion:129 Resp: 32035
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.3





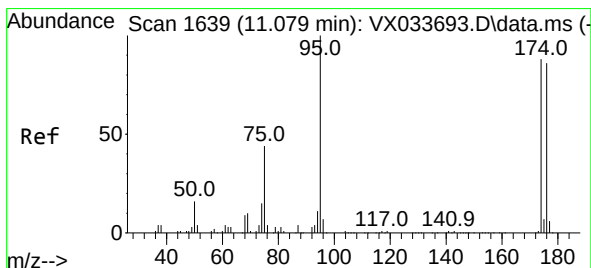
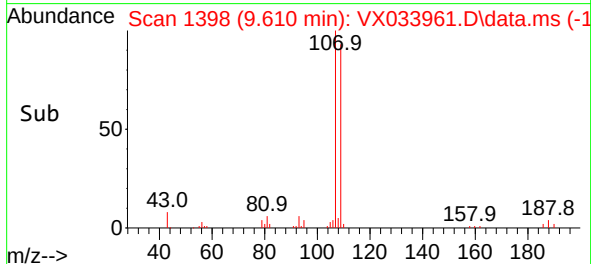
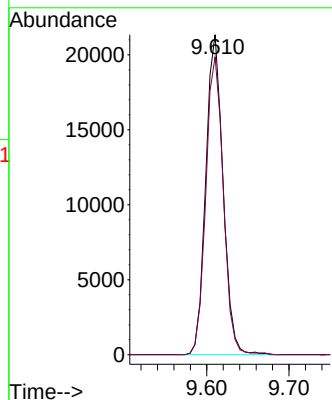
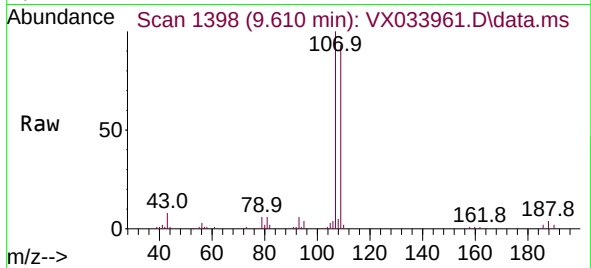
#61
1,2-Dibromoethane
Concen: 19.985 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS01

Tgt Ion:107 Resp: 31104
Ion Ratio Lower Upper
107 100
109 94.4 74.2 111.2

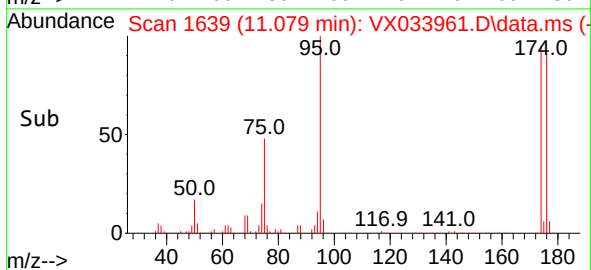
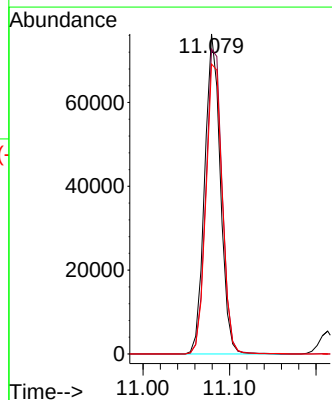
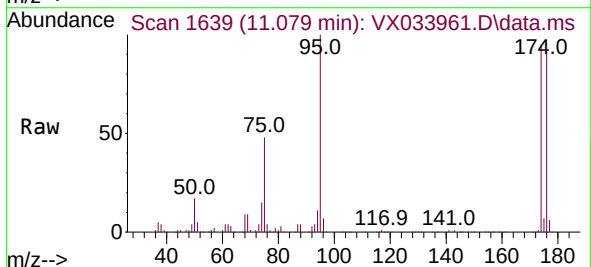
Manual Integrations
APPROVED

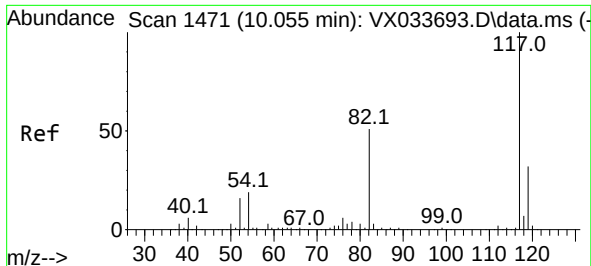
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#62
4-Bromofluorobenzene
Concen: 49.399 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

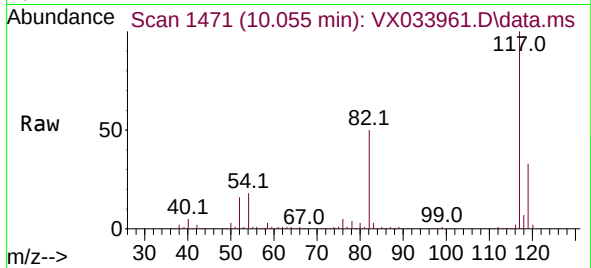
Tgt Ion: 95 Resp: 95838
Ion Ratio Lower Upper
95 100
174 98.8 0.0 184.4
176 94.6 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

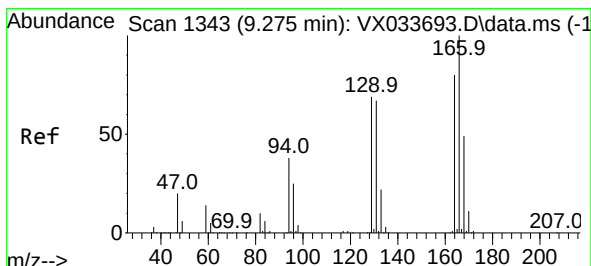
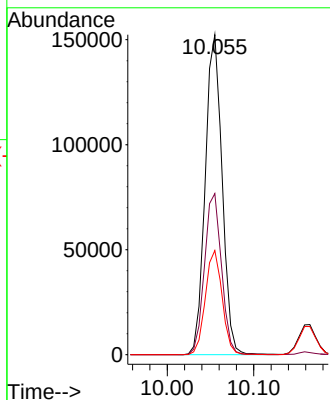
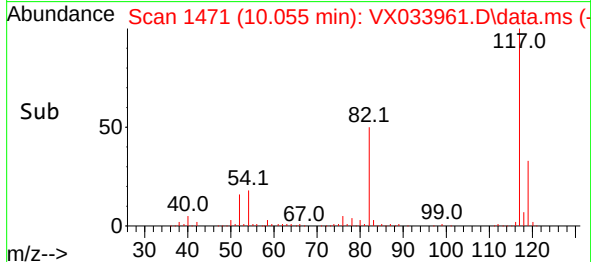
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS01



Tgt Ion:117 Resp: 206769
Ion Ratio Lower Upper
117 100
82 50.4 40.6 60.8
119 32.6 25.6 38.4

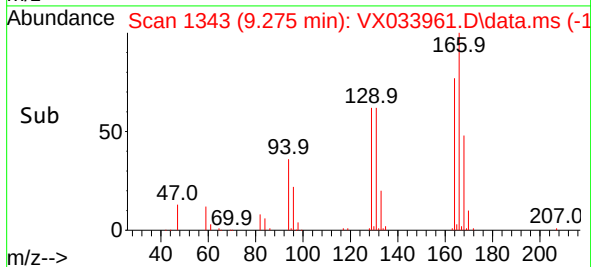
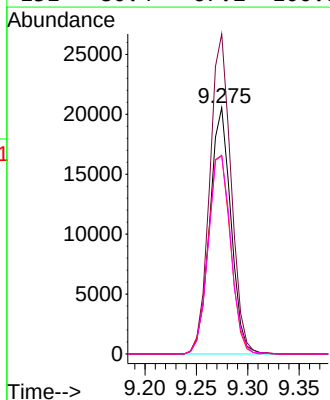
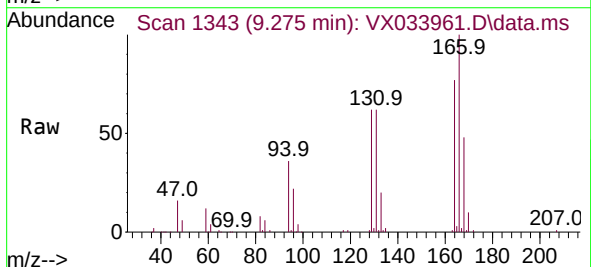
Manual Integrations
APPROVED

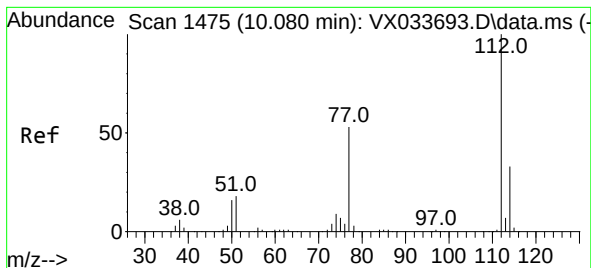
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#64
Tetrachloroethene
Concen: 19.262 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

Tgt Ion:164 Resp: 29403
Ion Ratio Lower Upper
164 100
166 130.0 100.2 150.2
129 80.7 69.2 103.8
131 80.4 67.2 100.8





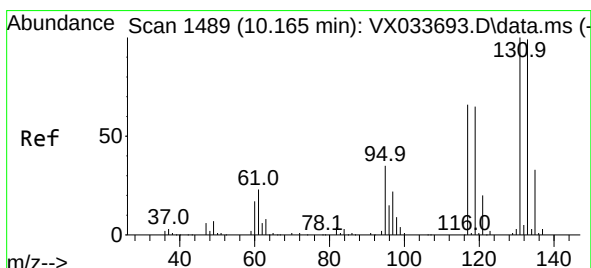
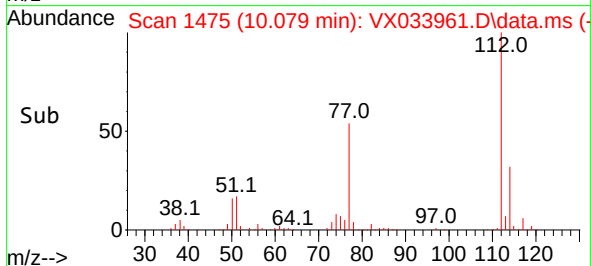
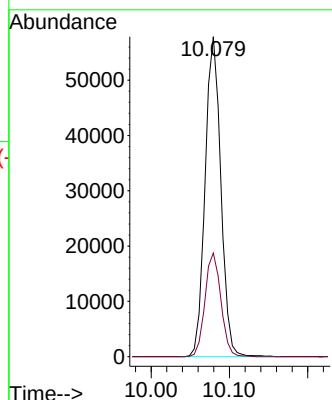
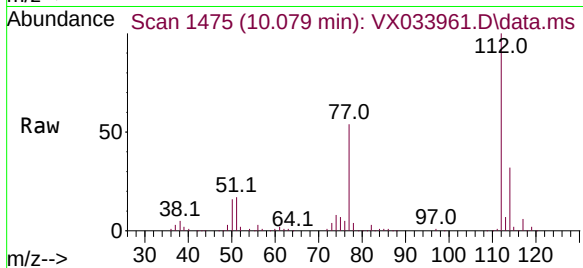
#65
Chlorobenzene
Concen: 18.806 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS01

Tgt Ion:112 Resp: 8050
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.4

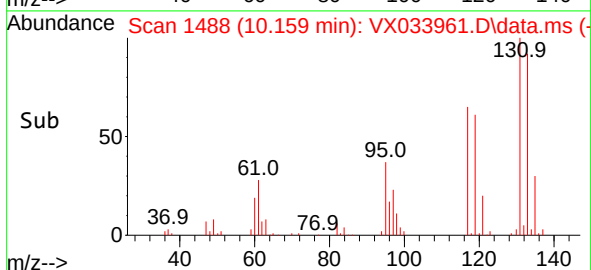
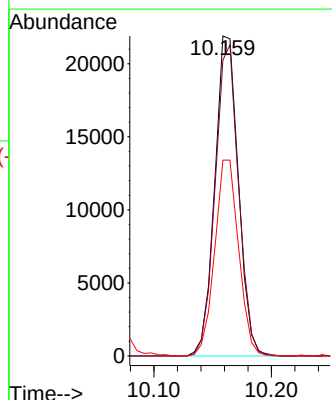
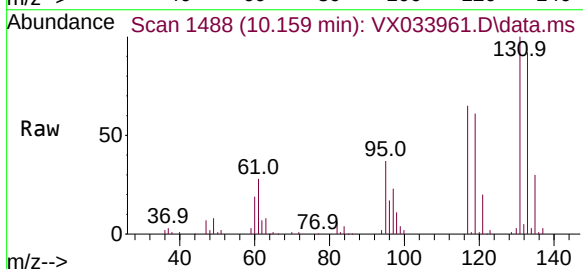
Manual Integrations
APPROVED

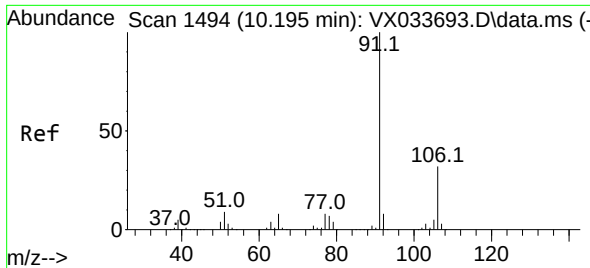
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.429 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

Tgt Ion:131 Resp: 30607
Ion Ratio Lower Upper
131 100
133 96.4 48.4 145.0
119 62.3 31.9 95.7





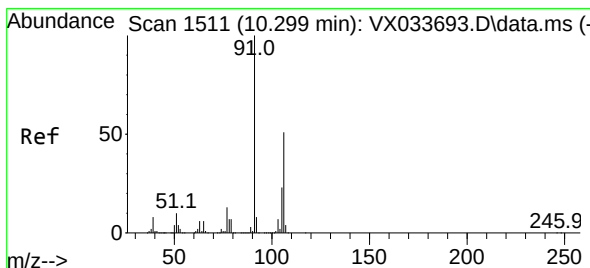
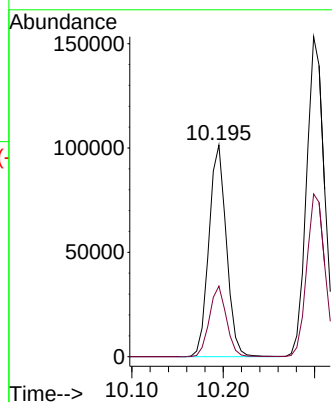
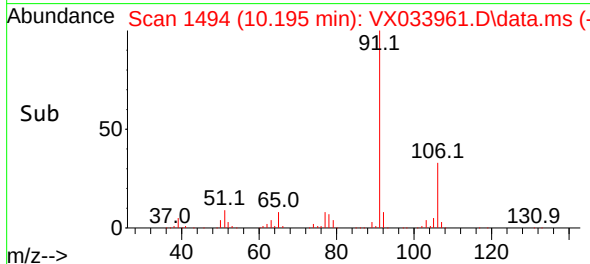
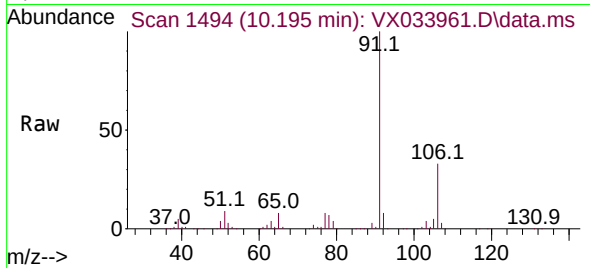
#67
Ethyl Benzene
Concen: 18.275 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS01

Tgt Ion: 91 Resp: 134314
Ion Ratio Lower Upper
91 100
106 33.3 25.8 38.8

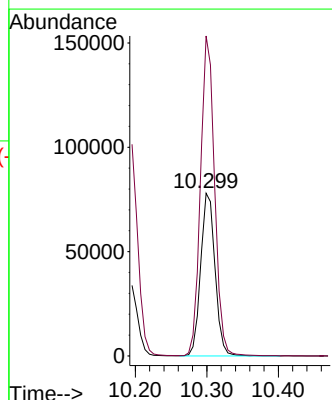
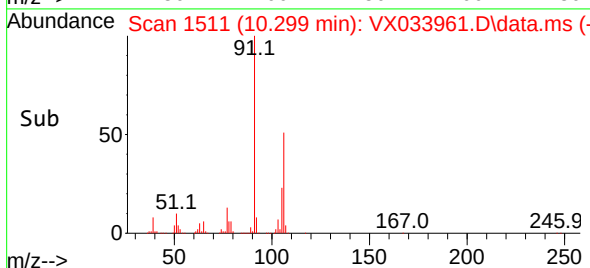
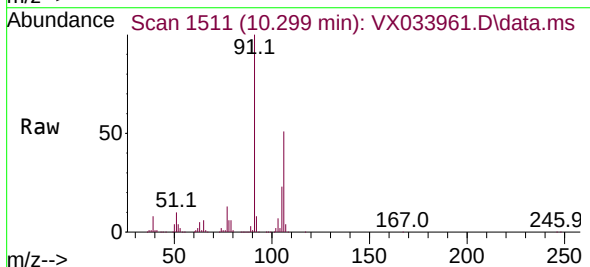
Manual Integrations
APPROVED

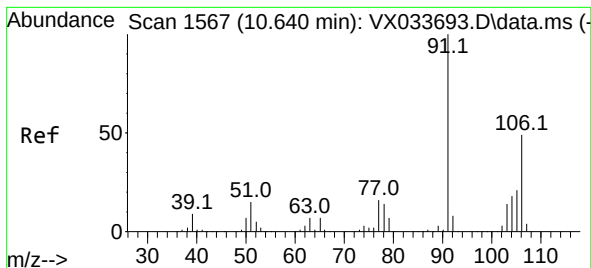
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#68
m/p-Xylenes
Concen: 37.786 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

Tgt Ion:106 Resp: 108620
Ion Ratio Lower Upper
106 100
91 193.2 156.4 234.6





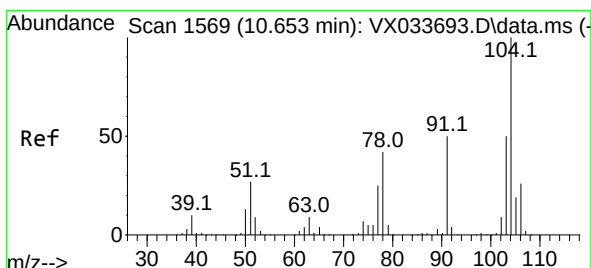
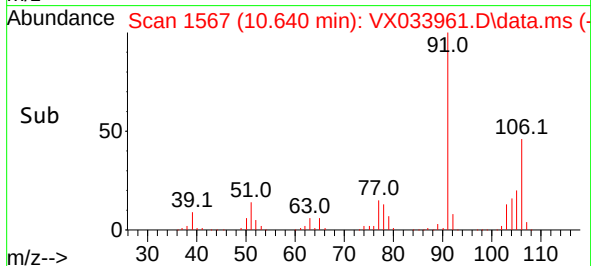
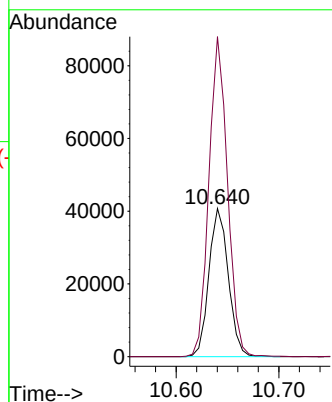
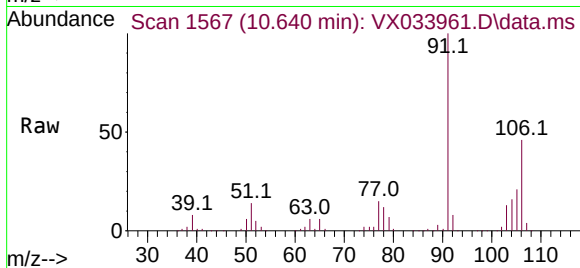
#69
o-Xylene
Concen: 18.788 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS01

Tgt Ion:106 Resp: 53560
Ion Ratio Lower Upper
106 100
91 206.9 103.1 309.3

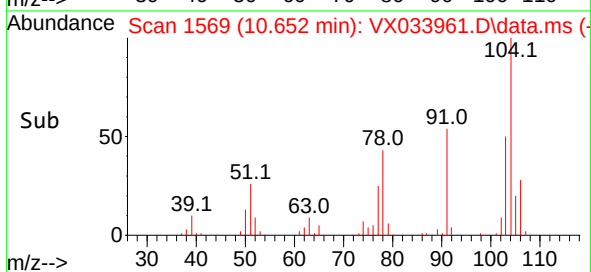
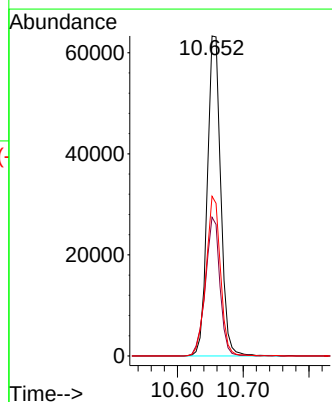
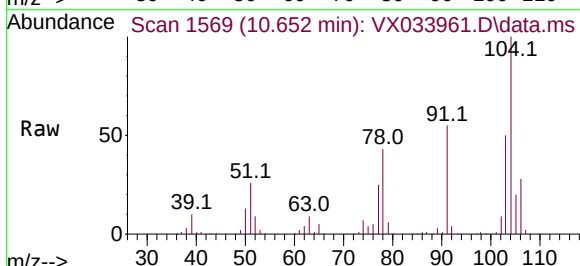
Manual Integrations
APPROVED

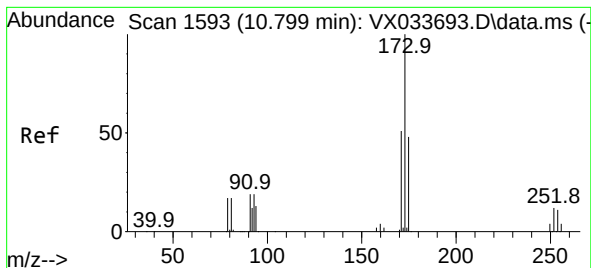
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#70
Styrene
Concen: 19.365 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

Tgt Ion:104 Resp: 89784
Ion Ratio Lower Upper
104 100
78 46.6 37.5 56.3
103 53.8 43.3 64.9





#71

Bromoform

Concen: 18.769 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS01

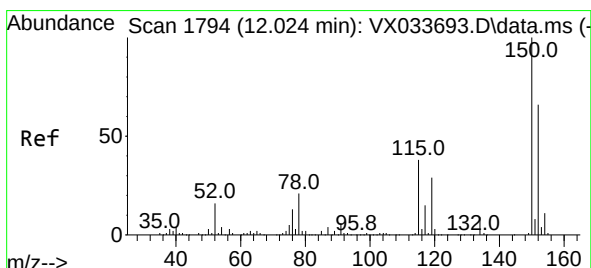
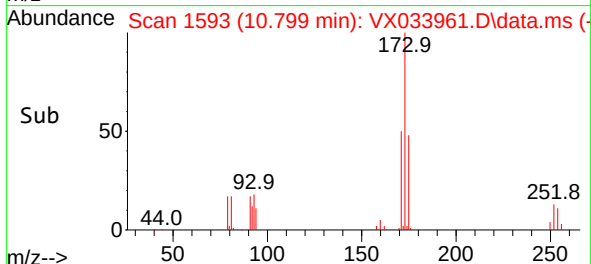
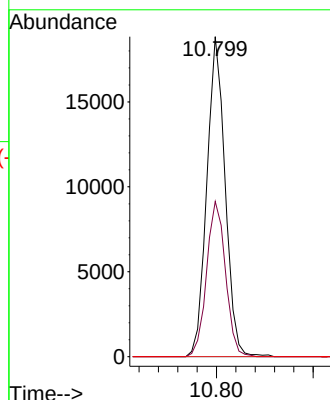
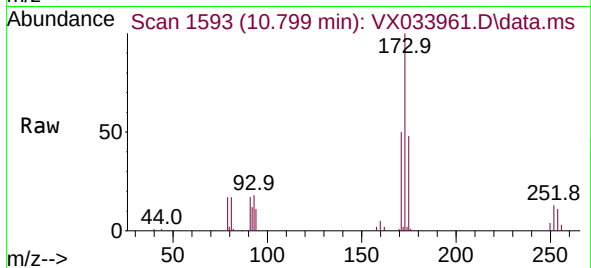
Tgt Ion:173	Resp:	24770
Ion Ratio	Lower	Upper
173	100	
175	50.2	24.1 72.3
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

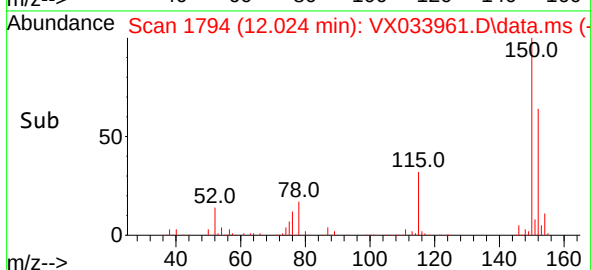
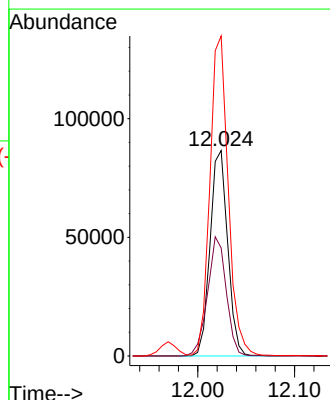
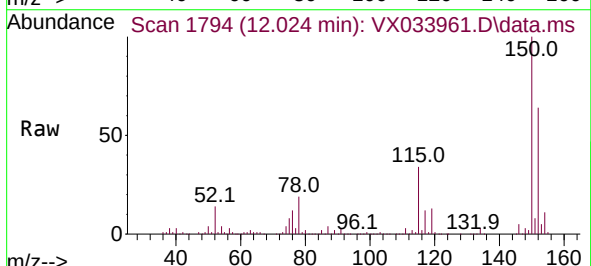
RT: 12.024 min Scan# 1794

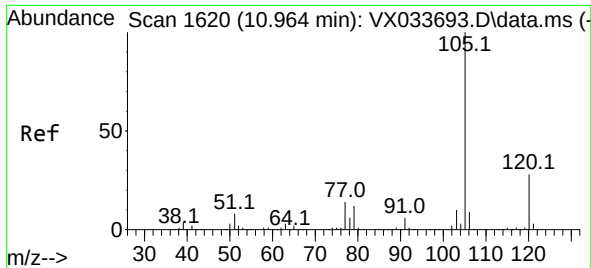
Delta R.T. -0.000 min

Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

Tgt Ion:152	Resp:	109685
Ion Ratio	Lower	Upper
152	100	
115	61.5	38.7 116.1
150	161.7	0.0 348.2





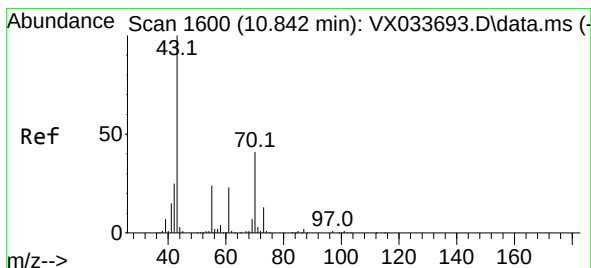
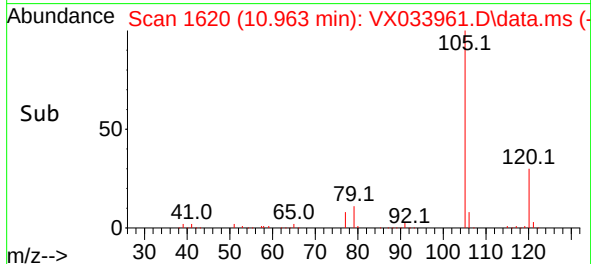
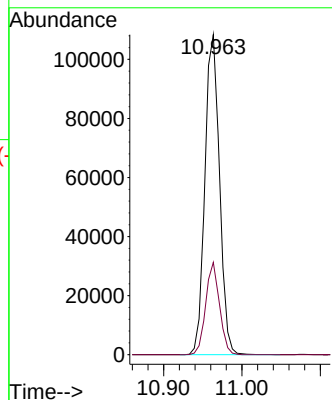
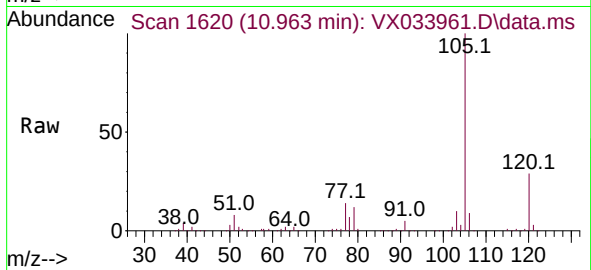
#73
Isopropylbenzene
Concen: 17.804 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS01

Tgt Ion:105 Resp: 140179
Ion Ratio Lower Upper
105 100
120 27.2 13.6 40.8

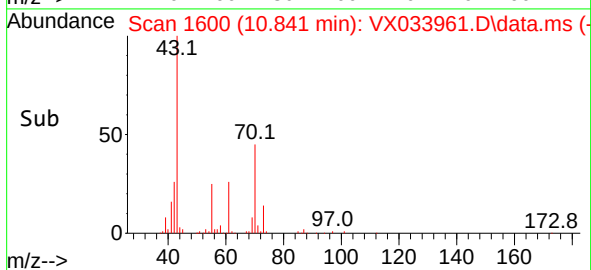
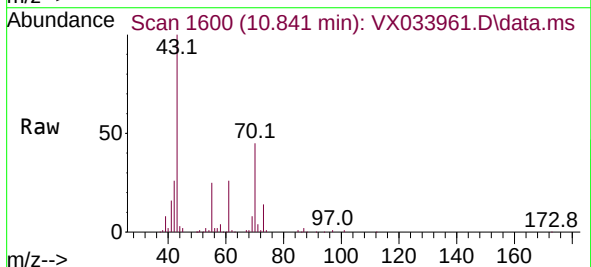
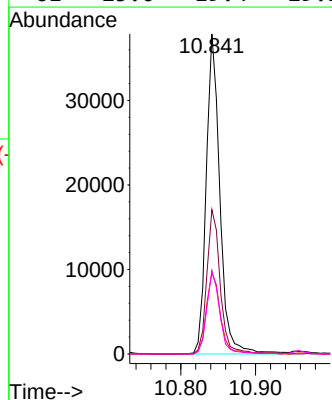
Manual Integrations
APPROVED

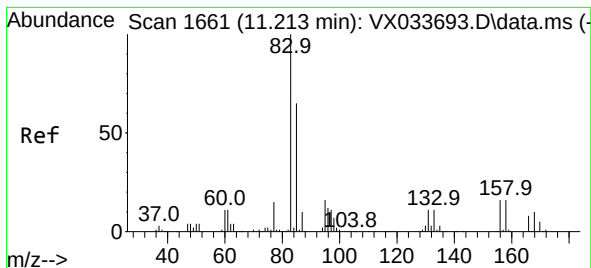
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#74
N-ethyl acetate
Concen: 16.628 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

Tgt Ion: 43 Resp: 47894
Ion Ratio Lower Upper
43 100
70 44.5 34.8 52.2
55 26.0 19.4 29.0
61 25.0 19.4 29.2





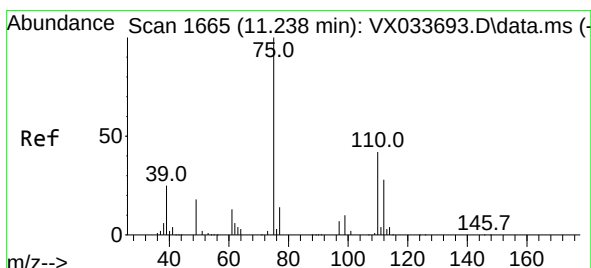
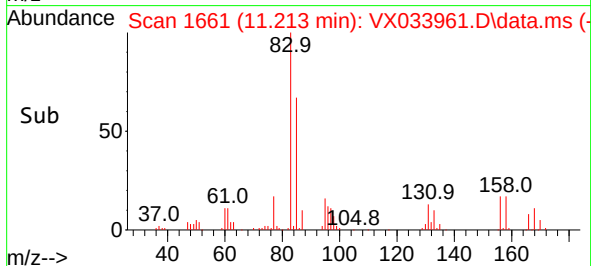
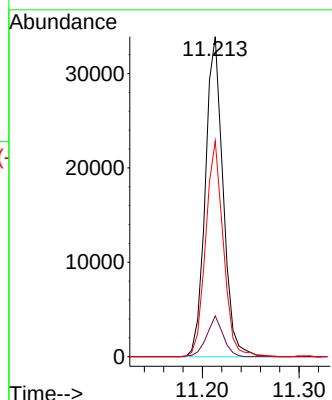
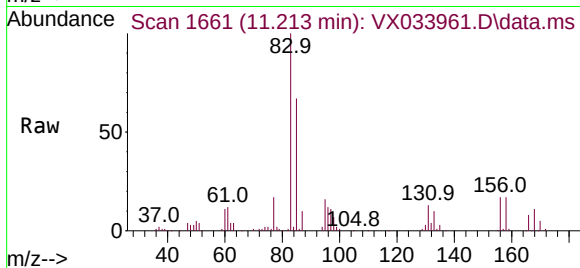
#75
1,1,2,2-Tetrachloroethane
Concen: 18.379 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS01

Tgt Ion: 83 Resp: 4327
Ion Ratio Lower Upper
83 100
131 11.9 5.5 16.7
85 67.4 32.3 96.9

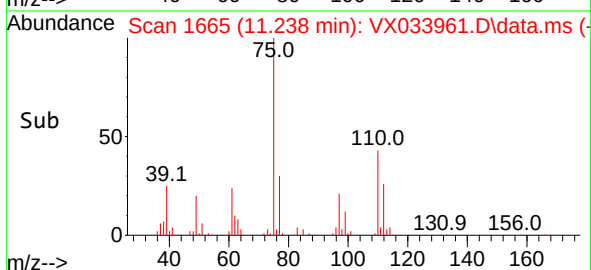
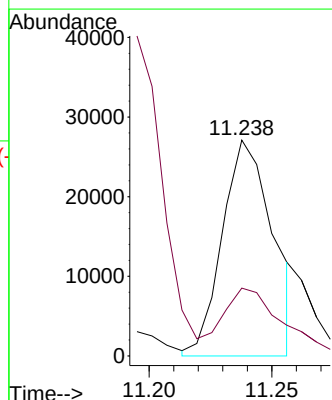
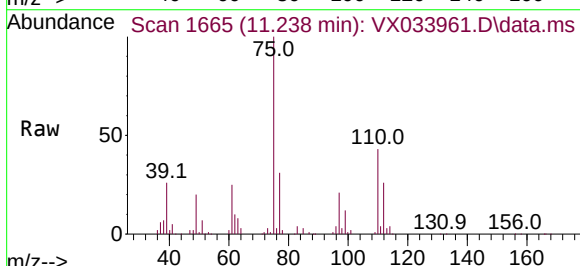
Manual Integrations
APPROVED

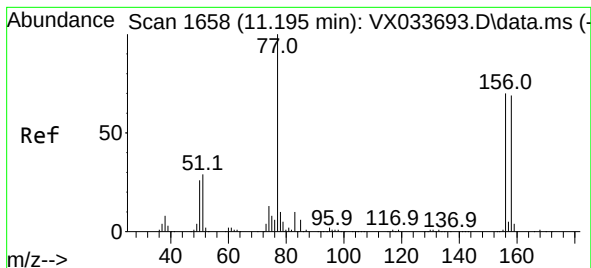
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#76
1,2,3-Trichloropropane
Concen: 19.284 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

Tgt Ion: 75 Resp: 38863
Ion Ratio Lower Upper
75 100
77 37.8 21.8 65.4





#77

Bromobenzene

Concen: 18.426 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS01

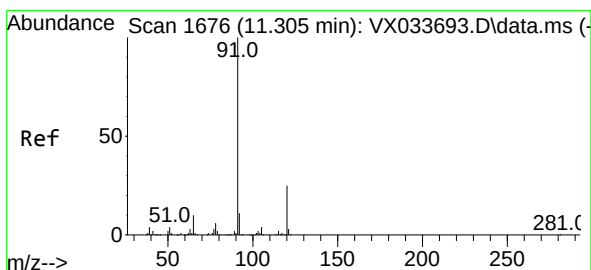
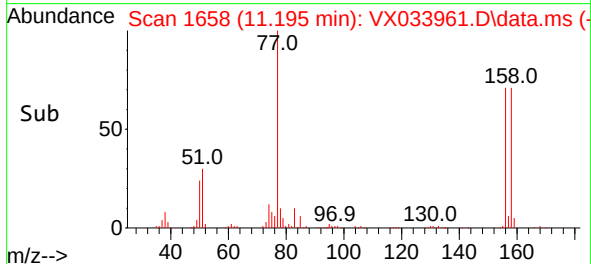
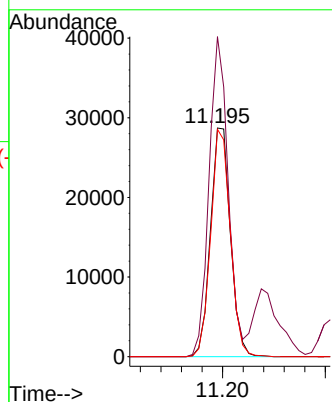
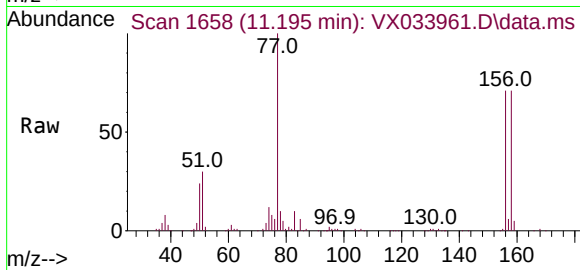
Tgt Ion:	156	Resp:	38690
Ion Ratio	Lower	Upper	
156	100		
77	133.7	68.1	204.3
158	97.3	48.0	144.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#78

n-propylbenzene

Concen: 17.308 ug/l

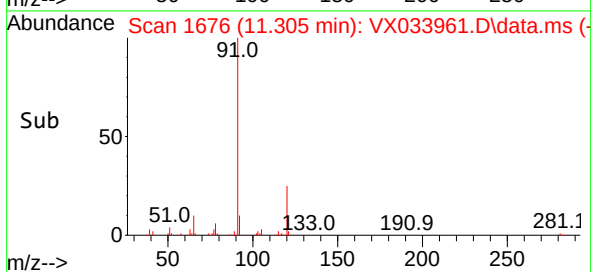
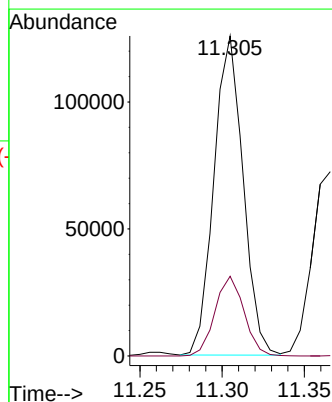
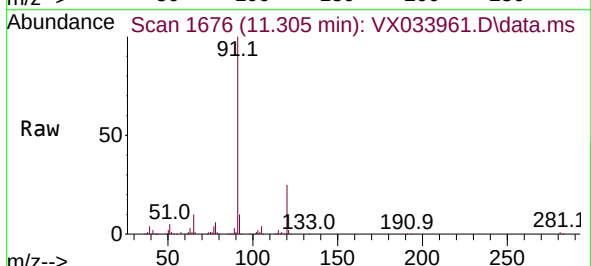
RT: 11.305 min Scan# 1676

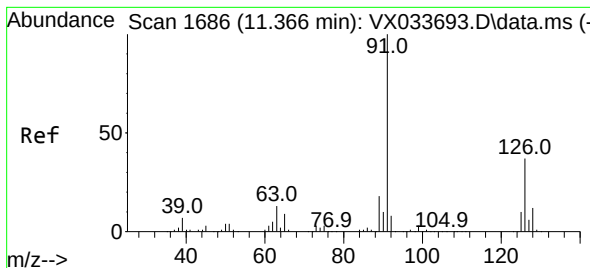
Delta R.T. -0.000 min

Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

Tgt Ion:	91	Resp:	154912
Ion Ratio	Lower	Upper	
91	100		
120	24.8	12.3	36.8





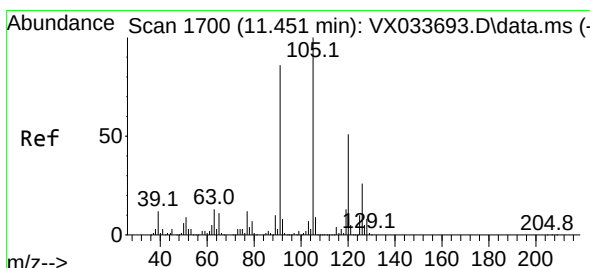
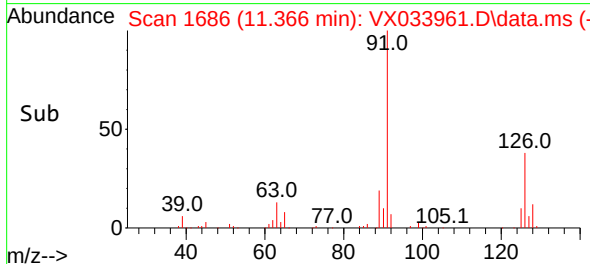
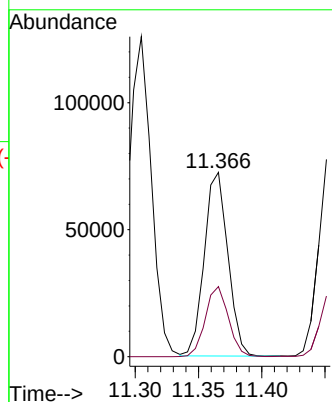
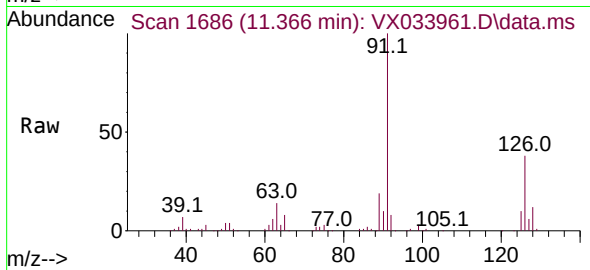
#79
2-Chlorotoluene
Concen: 17.522 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS01

Tgt Ion: 91 Resp: 94079
Ion Ratio Lower Upper
91 100
126 37.3 18.1 54.1

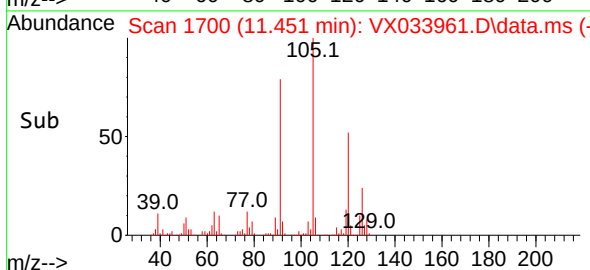
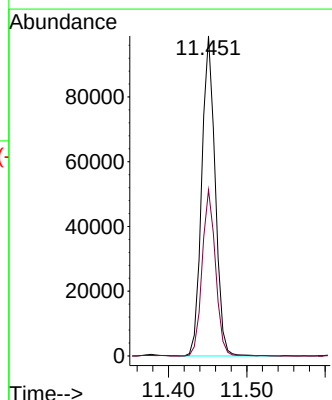
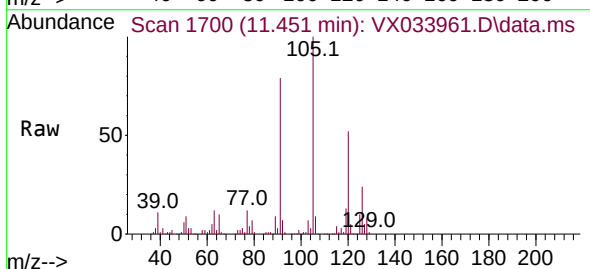
Manual Integrations
APPROVED

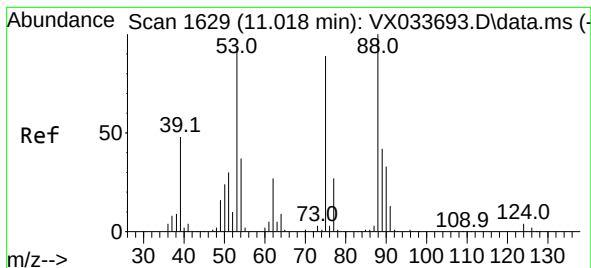
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#80
1,3,5-Trimethylbenzene
Concen: 17.870 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

Tgt Ion:105 Resp: 117947
Ion Ratio Lower Upper
105 100
120 51.5 25.6 76.8





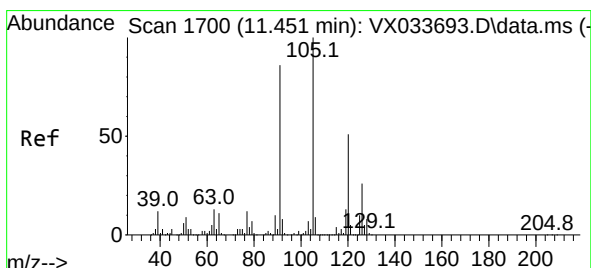
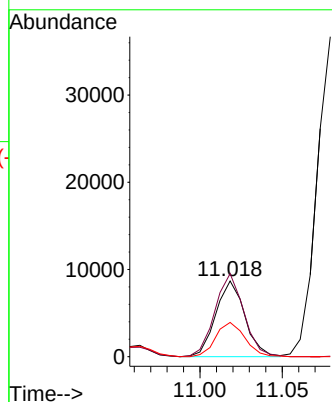
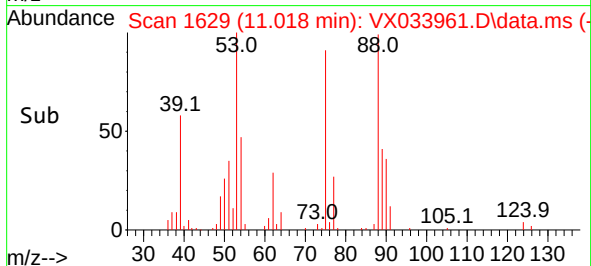
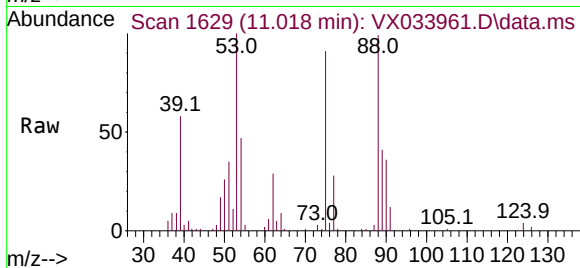
#81
trans-1,4-Dichloro-2-butene
Concen: 16.462 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS01

Tgt Ion: 75 Resp: 10679
Ion Ratio Lower Upper
75 100
53 108.7 83.0 124.6
89 45.5 37.7 56.5

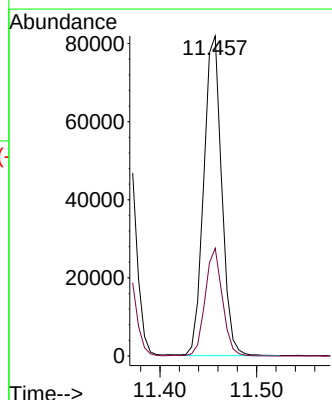
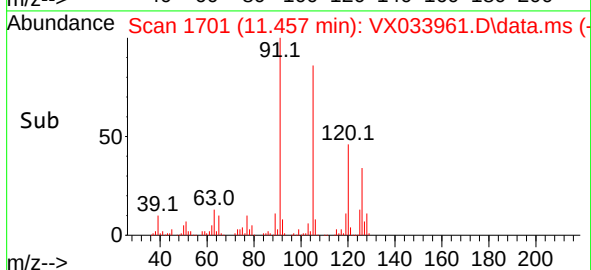
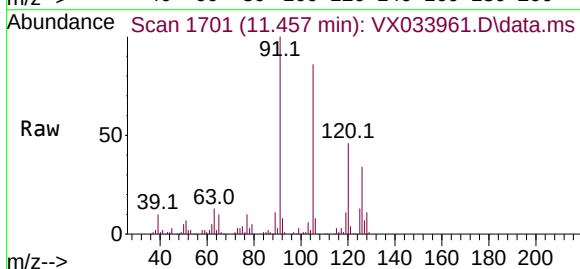
Manual Integrations
APPROVED

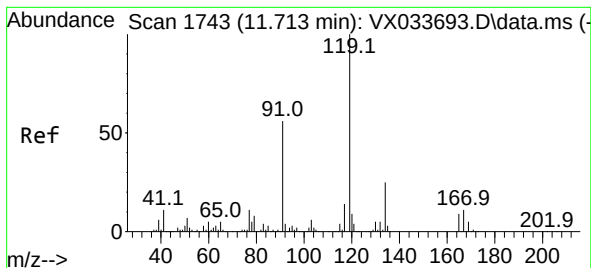
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#82
4-Chlorotoluene
Concen: 17.171 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

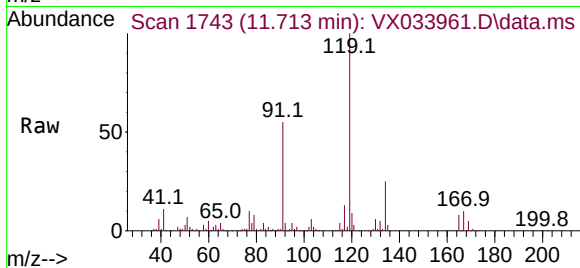
Tgt Ion: 91 Resp: 105836
Ion Ratio Lower Upper
91 100
126 32.4 15.8 47.4





#83
tert-Butylbenzene
Concen: 18.684 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

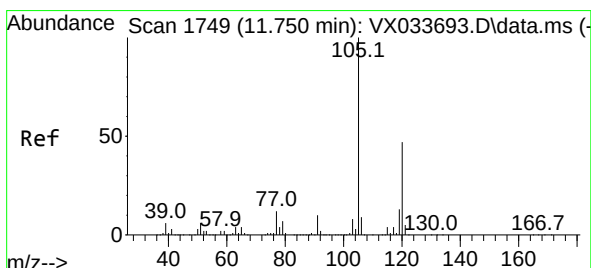
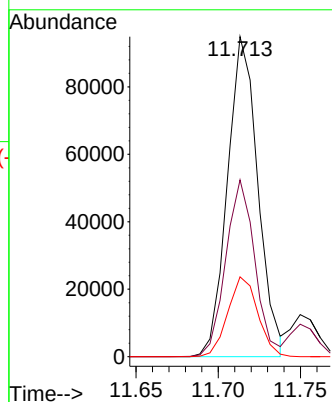
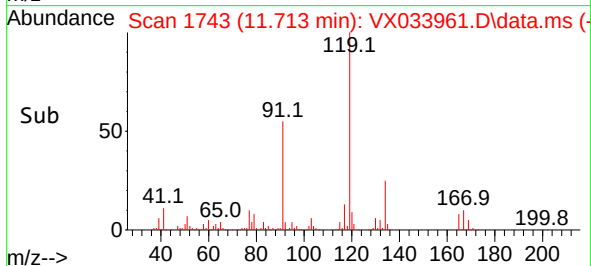
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS01



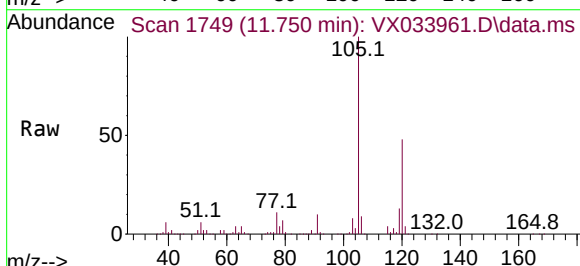
Tgt Ion:119 Resp: 12244
Ion Ratio Lower Upper
119 100
91 52.9 26.9 80.7
134 24.6 12.3 36.8

Manual Integrations
APPROVED

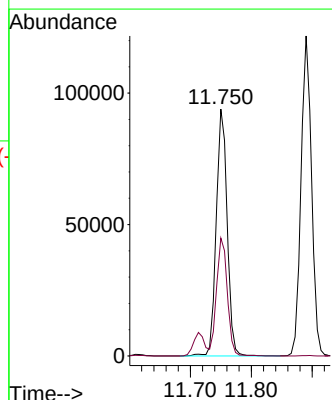
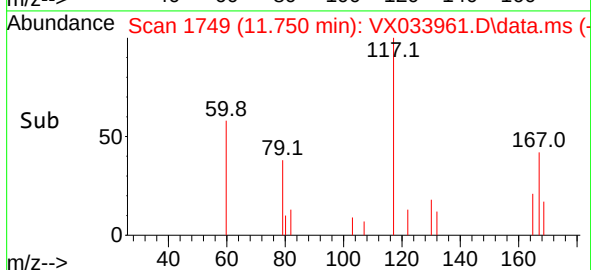
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023

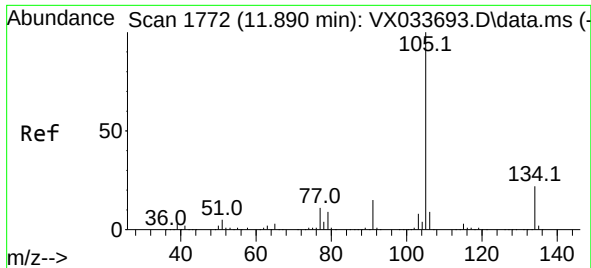


#84
1,2,4-Trimethylbenzene
Concen: 18.757 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05



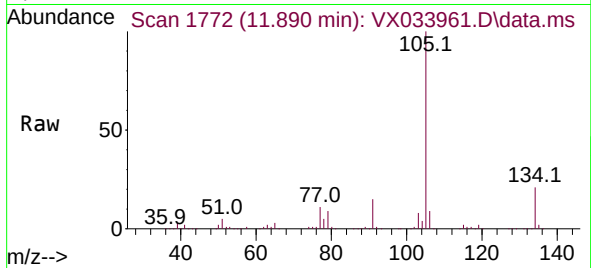
Tgt Ion:105 Resp: 117105
Ion Ratio Lower Upper
105 100
120 46.9 23.4 70.2





#85
 sec-Butylbenzene
 Concen: 18.669 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX033961.D
 Acq: 31 Jan 2023 11:05

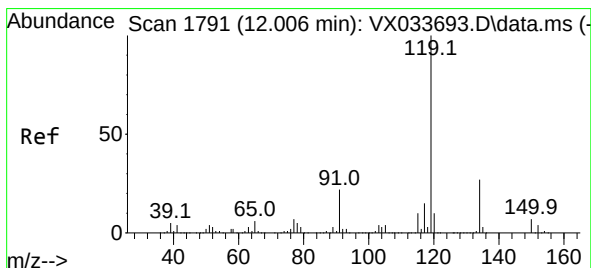
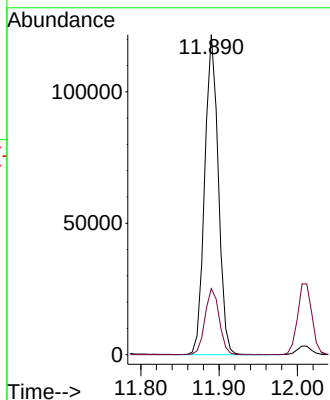
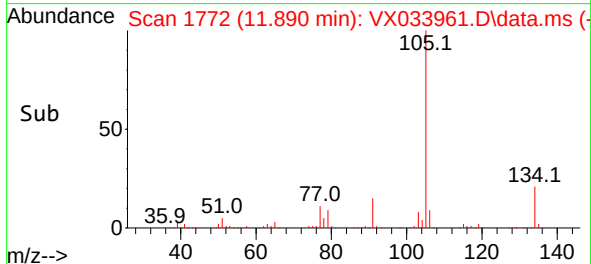
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBS01



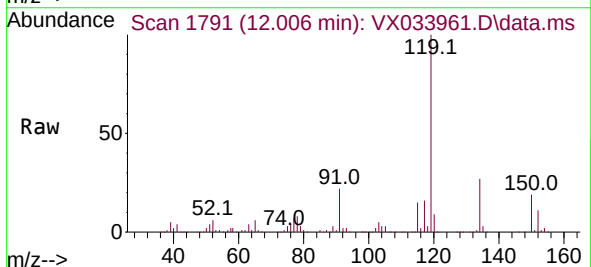
Tgt Ion:105 Resp: 14633
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.8 32.3

Manual Integrations
 APPROVED

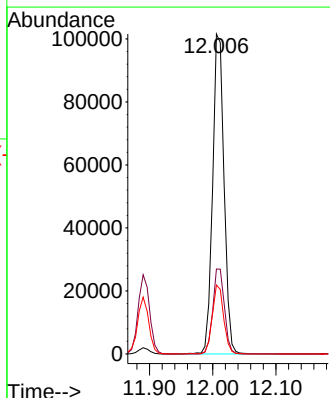
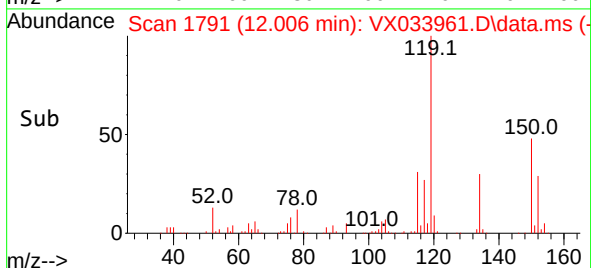
Reviewed By :John Carlone 02/01/2023
 Supervised By :Mahesh Dadoda 02/01/2023

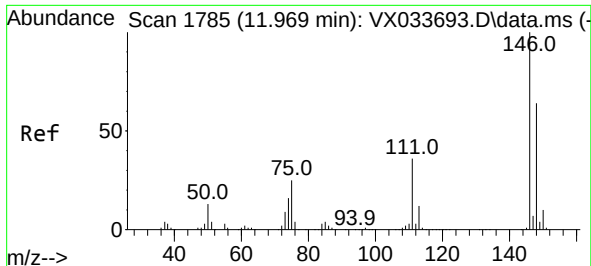


#86
 p-Isopropyltoluene
 Concen: 18.999 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX033961.D
 Acq: 31 Jan 2023 11:05



Tgt Ion:119 Resp: 127498
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.8
 91 21.6 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 19.217 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS01

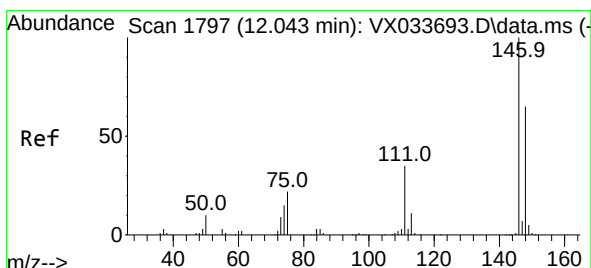
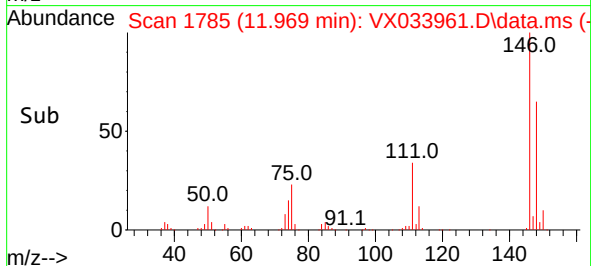
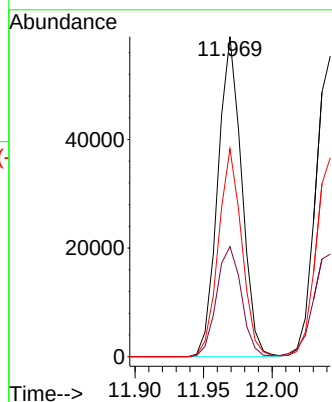
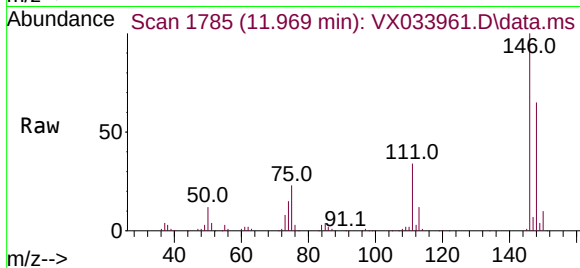
Tgt Ion:146 Resp: 71222
 Ion Ratio Lower Upper
 146 100
 111 35.9 18.6 55.6
 148 63.7 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#88

1,4-Dichlorobenzene

Concen: 18.607 ug/l

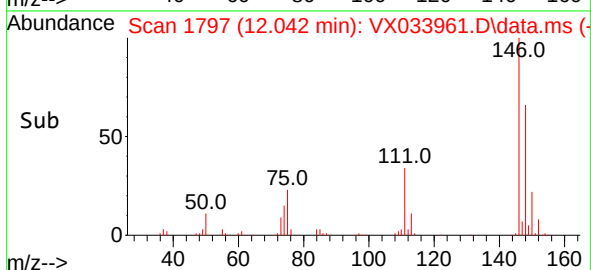
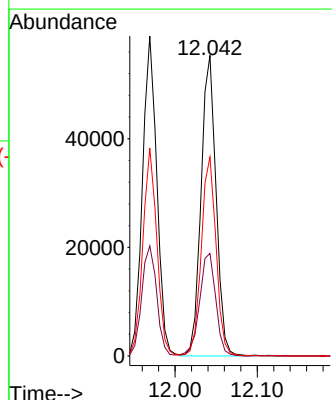
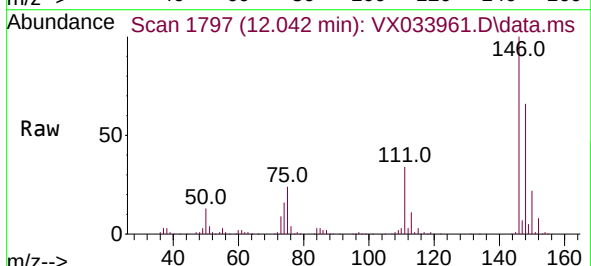
RT: 12.042 min Scan# 1797

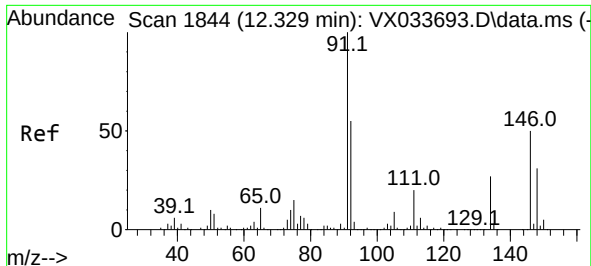
Delta R.T. -0.000 min

Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

Tgt Ion:146 Resp: 70249
 Ion Ratio Lower Upper
 146 100
 111 36.9 17.8 53.4
 148 65.3 32.1 96.3





#89

n-Butylbenzene

Concen: 17.989 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS01

Tgt Ion: 91 Resp: 98760

Ion Ratio Lower Upper

91 100

92 54.5 27.5 82.5

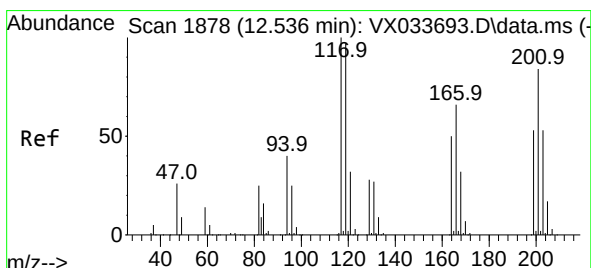
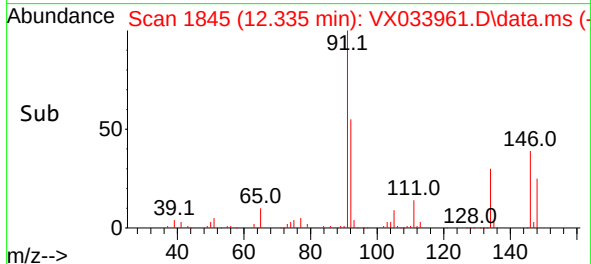
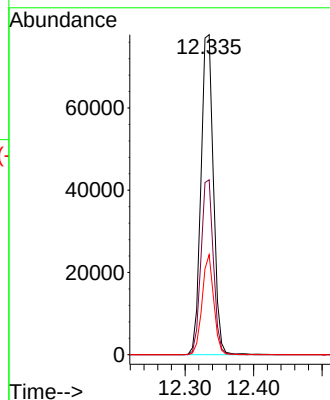
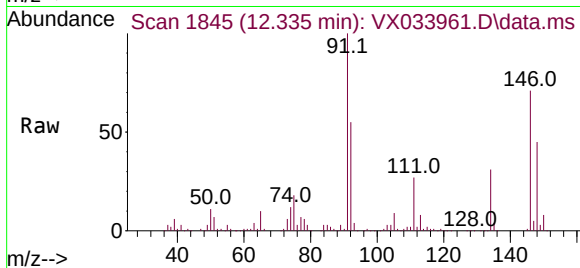
134 29.1 14.3 42.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#90

Hexachloroethane

Concen: 17.656 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX033961.D

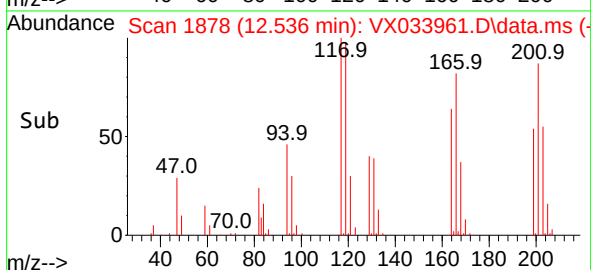
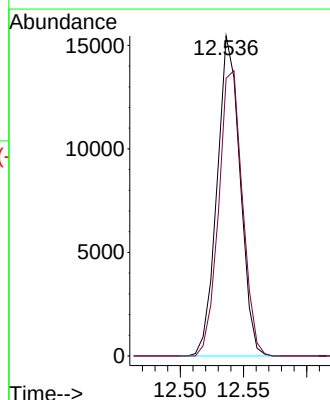
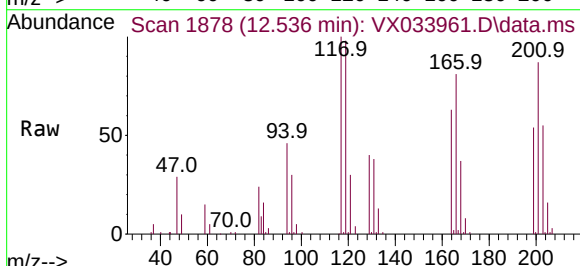
Acq: 31 Jan 2023 11:05

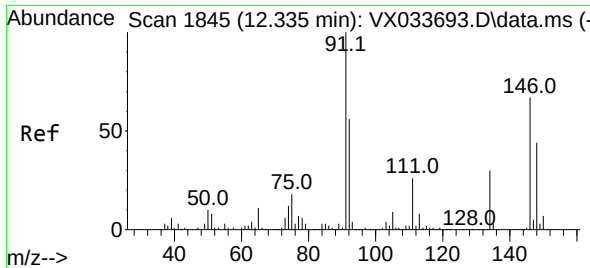
Tgt Ion:117 Resp: 19490

Ion Ratio Lower Upper

117 100

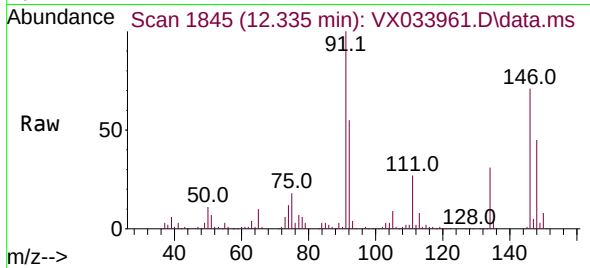
201 92.2 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 19.524 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

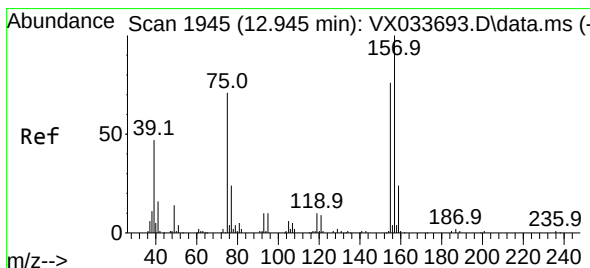
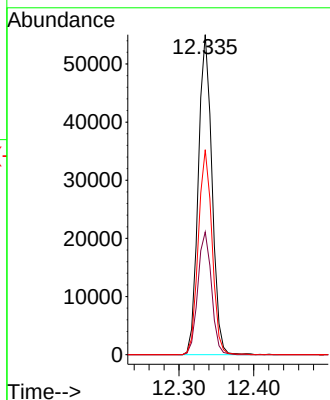
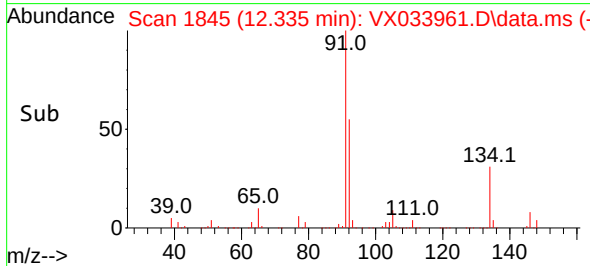
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS01



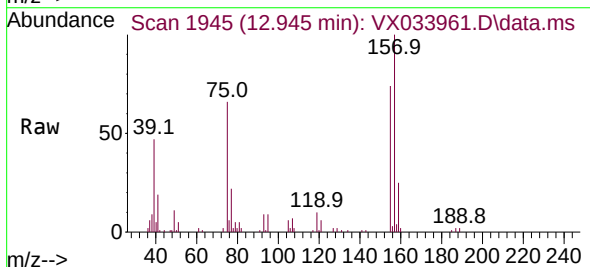
Tgt Ion:146 Resp: 6982
Ion Ratio Lower Upper
146 100
111 38.2 19.3 57.8
148 64.2 32.3 96.9

Manual Integrations
APPROVED

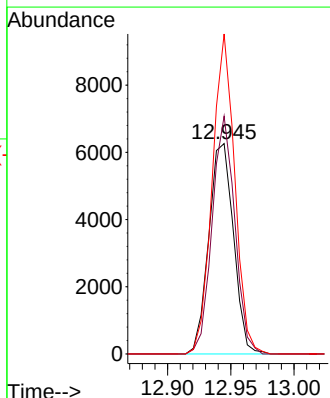
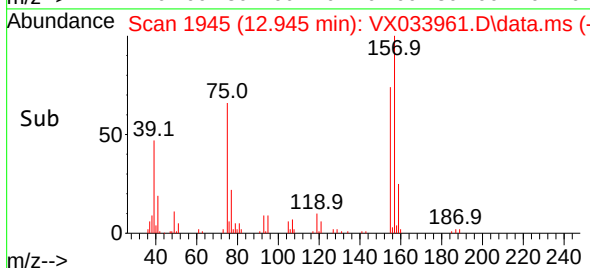
Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023

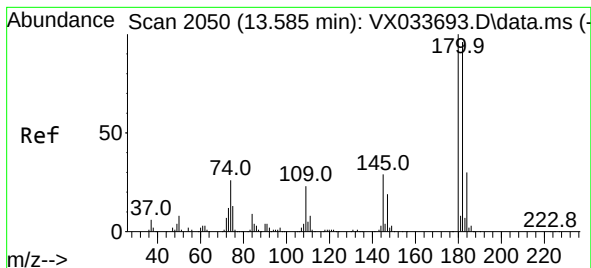


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.993 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05



Tgt Ion: 75 Resp: 8501
Ion Ratio Lower Upper
75 100
155 103.2 51.7 155.1
157 137.8 67.5 202.3





#93

1,2,4-Trichlorobenzene

Concen: 19.599 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBS01

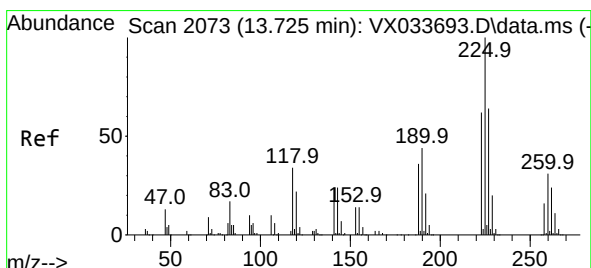
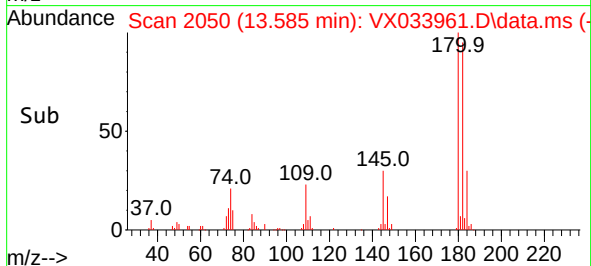
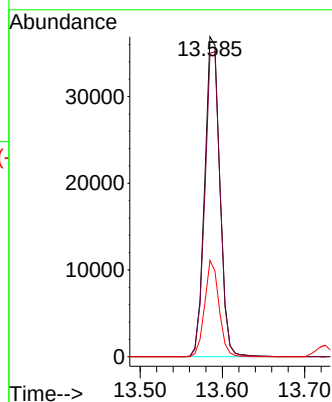
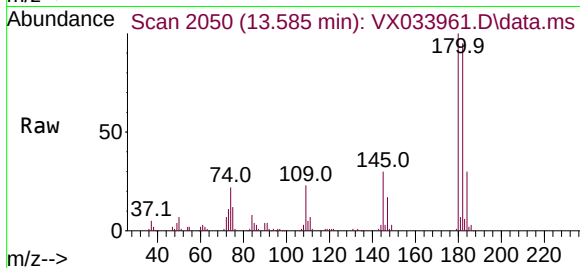
Tgt Ion:180	Resp:	47214
Ion Ratio	Lower	Upper
180	100	
182	96.2	47.9 143.6
145	28.4	14.1 42.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2023

Supervised By :Mahesh Dadoda 02/01/2023



#94

Hexachlorobutadiene

Concen: 18.940 ug/l

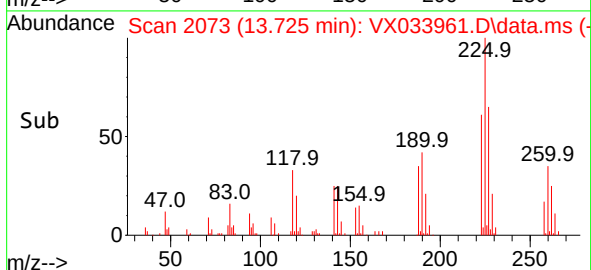
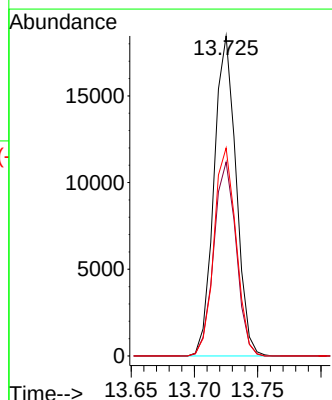
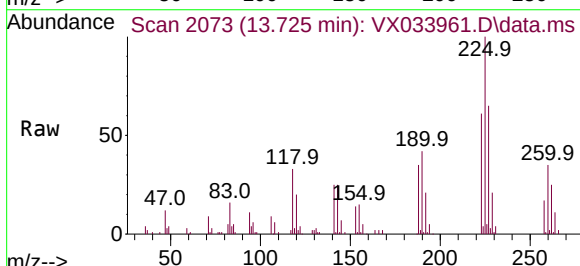
RT: 13.725 min Scan# 2073

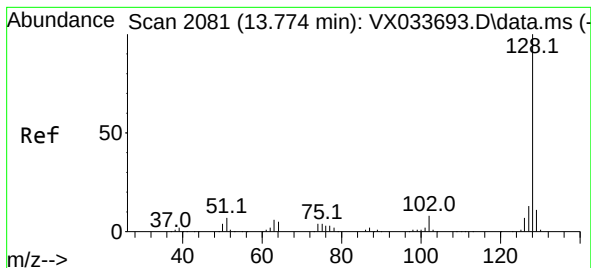
Delta R.T. -0.000 min

Lab File: VX033961.D

Acq: 31 Jan 2023 11:05

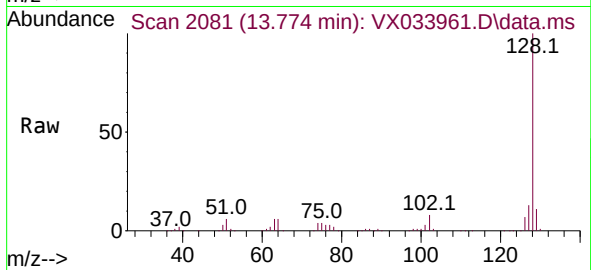
Tgt Ion:225	Resp:	22350
Ion Ratio	Lower	Upper
225	100	
223	61.3	31.3 93.9
227	65.1	32.3 96.9





#95
Naphthalene
Concen: 20.152 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05

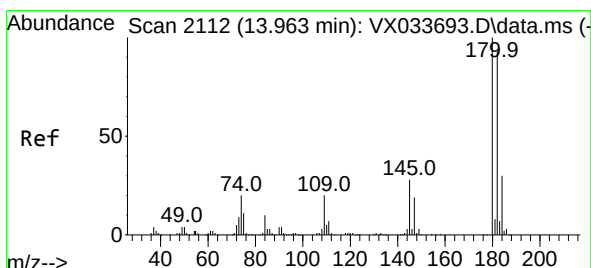
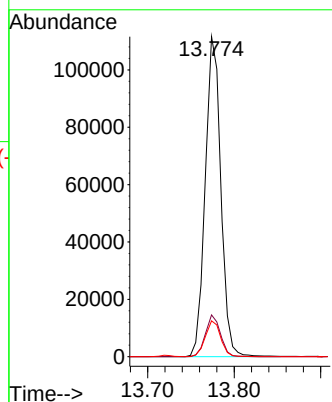
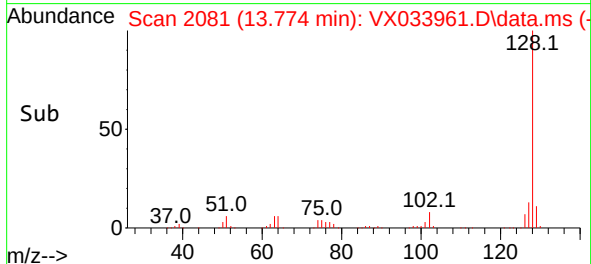
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBS01



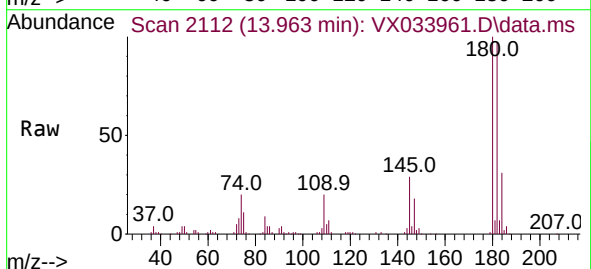
Tgt Ion:128 Resp: 139664
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.588 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033961.D
Acq: 31 Jan 2023 11:05



Tgt Ion:180 Resp: 47216
Ion Ratio Lower Upper
180 100
182 97.2 47.6 142.9
145 29.8 15.1 45.3

