

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011823\
 Data File : VX033768.D
 Acq On : 18 Jan 2023 12:38
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Jan 18 13:25:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 18 12:35:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	16775	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	107686	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	127080	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	42715	31.448	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	= 104.833%		
60) 4-Bromofluorobenzene	11.079	95	67304	29.385	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	= 97.967%		
63) Toluene-d8	8.647	98	119971	29.498	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	= 98.333%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	7729	4.406	ug/l	96
3) Chloromethane	1.295	50	9534	5.070	ug/l	99
4) Vinyl Chloride	1.374	62	9015	5.307	ug/l	92
5) Bromomethane	1.618	94	5924	6.296	ug/l	100
6) Chloroethane	1.691	64	5054	5.080	ug/l	96
7) Trichlorofluoromethane	1.886	101	13941	5.318	ug/l	96
8) Diethyl Ether	2.130	74	4971	5.824	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	8212	6.042	ug/l	98
10) 1,1-Dichloroethene	2.319	96	8189	6.390	ug/l	97
11) Methyl Iodide	2.453	142	11540	5.238	ug/l	93
12) Methyl Acetate	2.709	43	14052	5.238	ug/l	98
13) Acrolein	2.240	56	8744	30.228	ug/l	99
14) Acrylonitrile	3.069	53	22798	25.768	ug/l	98
15) Acetone	2.398	58	7075	35.336	ug/l	83
16) Carbon Disulfide	2.514	76	19354	5.190	ug/l	97
17) Allyl chloride	2.666	41	14346	5.262	ug/l	89
18) Methylene Chloride	2.788	84	9426	5.252	ug/l	94
19) trans-1,2-Dichloroethene	3.093	96	8771	5.094	ug/l	87
20) Diisopropyl ether	3.758	45	29548	5.022	ug/l #	85
21) 1,1-Dichloroethane	3.611	63	16201	5.021	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	10270	5.016	ug/l	94
23) tert-Butyl Alcohol	3.002	59	7966m	22.795	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	26399	4.824	ug/l	97
25) Chloroform	5.093	83	16166	4.936	ug/l	97
26) Cyclohexane	5.477	56	14825	4.950	ug/l #	99
29) 1,1-Dichloropropene	5.696	75	11805	5.072	ug/l	95
30) 2-Butanone	4.568	43	33376	27.457	ug/l #	98
31) 2,2-Dichloropropane	4.477	77	10655	5.317	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	13505	4.970	ug/l	99
33) Carbon Tetrachloride	5.672	117	11608	4.732	ug/l	92
34) Benzene	6.044	78	33653	4.977	ug/l	96
35) Methacrylonitrile	4.928	41	6842m	4.940	ug/l	
36) 1,2-Dichloroethane	6.086	62	13143	5.347	ug/l	100
37) Trichloroethene	7.129	130	8631	4.426	ug/l	100
38) Methylcyclohexane	7.379	83	12469	4.308	ug/l	97
39) 1,2-Dichloropropane	7.434	63	7724	4.469	ug/l	92
40) Dibromomethane	7.580	93	5725	4.714	ug/l	96
41) Bromodichloromethane	7.824	83	10544	4.476	ug/l	95
42) Vinyl Acetate	3.721	43	105944	24.389	ug/l	99

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

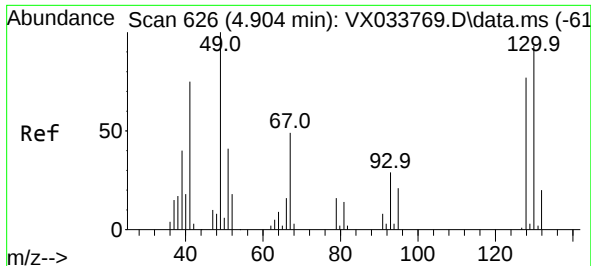
Manual Integrations
 APPROVED

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

Quant Time: Jan 18 13:25:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011823W.M
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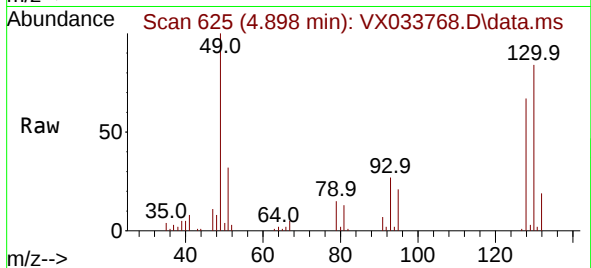
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	13531	5.432	ug/l	96
44) Isopropyl Acetate	6.342	43	17587	4.501	ug/l	100
45) 1,4-Dioxane	7.745	88	3569m	83.716	ug/l	
46) Methyl methacrylate	7.696	41	8828	4.462	ug/l	94
47) n-amyl Acetate	10.842	43	13965	4.197	ug/l	96
48) t-1,3-Dichloropropene	8.982	75	10520	4.370	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	12200	4.563	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	9015	5.113	ug/l	95
51) Ethyl methacrylate	9.116	69	12232	4.653	ug/l	94
52) 1,3-Dichloropropane	9.311	76	15639	5.296	ug/l	99
53) Dibromochloromethane	9.519	129	9072	4.721	ug/l	97
54) 1,2-Dibromoethane	9.610	107	9741	5.170	ug/l	94
55) 2-Chloroethyl vinyl ether	8.245	63	28555	22.468	ug/l	100
56) Bromoform	10.799	173	6258	4.242	ug/l	95
58) 4-Methyl-2-Pentanone	8.574	43	59609	23.613	ug/l	99
59) 2-Hexanone	9.433	43	45216	24.338	ug/l	99
61) Tetrachloroethene	9.275	164	9162	4.997	ug/l	96
62) Toluene	8.720	91	36237	4.530	ug/l	100
64) Chlorobenzene	10.080	112	25309	4.912	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	8868	4.573	ug/l	96
66) Ethyl Benzene	10.195	91	42677	4.784	ug/l	97
67) m/p-Xylenes	10.299	106	33531	9.523	ug/l	98
68) o-Xylene	10.640	106	17010	4.915	ug/l	96
69) Styrene	10.653	104	26814	4.681	ug/l	98
70) Isopropylbenzene	10.964	105	43810	4.888	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.214	83	13189	4.887	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	11564m	4.730	ug/l	
73) Bromobenzene	11.201	156	11815	4.981	ug/l	95
74) n-propylbenzene	11.305	91	48287	4.745	ug/l	99
75) 2-Chlorotoluene	11.366	91	29848	4.904	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	35466	4.766	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	2690	3.678	ug/l	97
78) 4-Chlorotoluene	11.457	91	32915	4.822	ug/l	100
79) tert-butylbenzene	11.713	119	36370	4.766	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	35237	4.793	ug/l	99
81) sec-Butylbenzene	11.890	105	44115	4.777	ug/l	100
82) p-Isopropyltoluene	12.012	119	37616	4.723	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	21002	4.850	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	21095	4.886	ug/l	98
85) n-Butylbenzene	12.335	91	29329	4.530	ug/l	100
86) Hexachloroethane	12.536	117	5430	4.191	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	20039	4.804	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.945	75	2359	4.210	ug/l	96
89) 1,2,4-Trichlorobenzene	13.591	180	12867	4.485	ug/l	99
90) Hexachlorobutadiene	13.725	225	6416	4.664	ug/l	98
91) Naphthalene	13.774	128	37561	4.459	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	11964	4.157	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

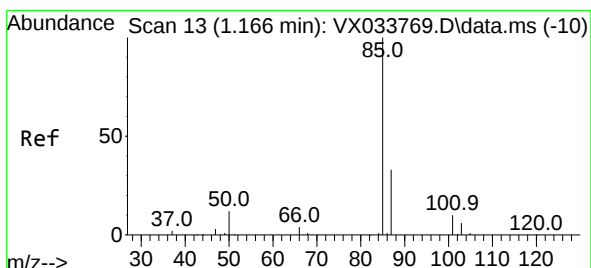
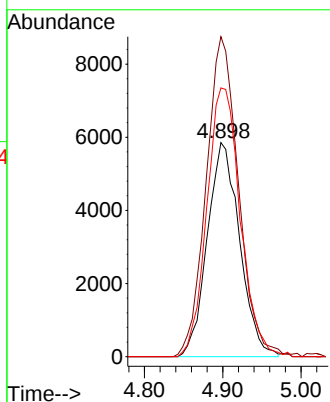
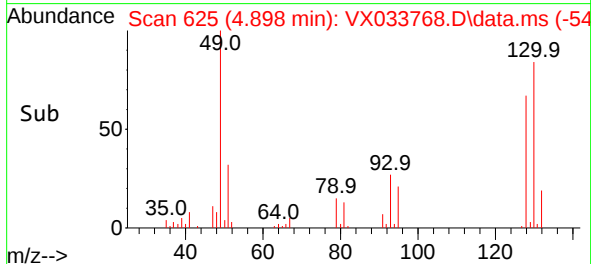
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:128 Resp: 16775
Ion Ratio Lower Upper
128 100
49 149.7 0.0 398.5
130 129.9 0.0 329.0

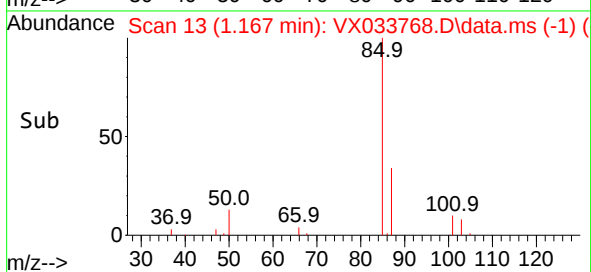
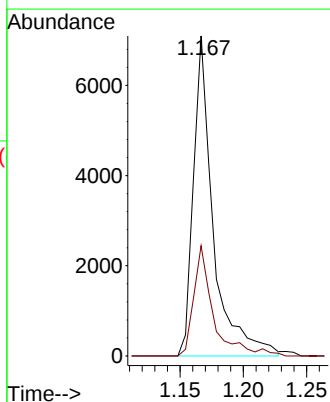
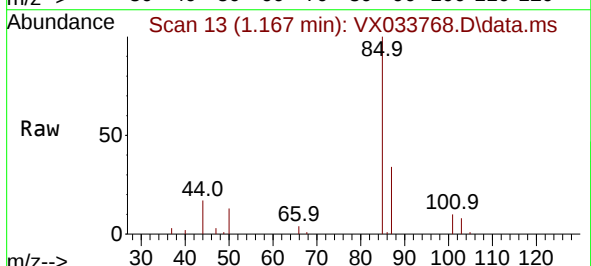
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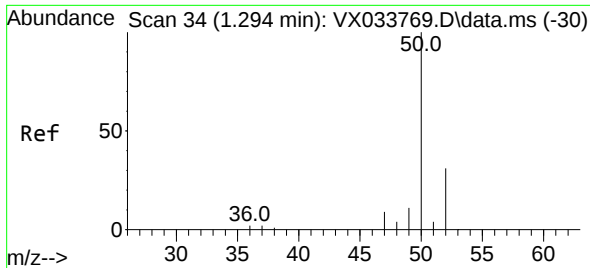
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#2
Dichlorodifluoromethane
Concen: 4.406 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion: 85 Resp: 7729
Ion Ratio Lower Upper
85 100
87 34.4 16.0 48.0





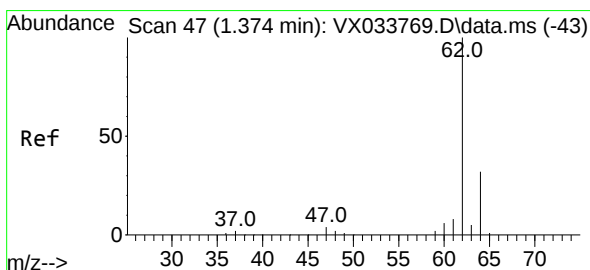
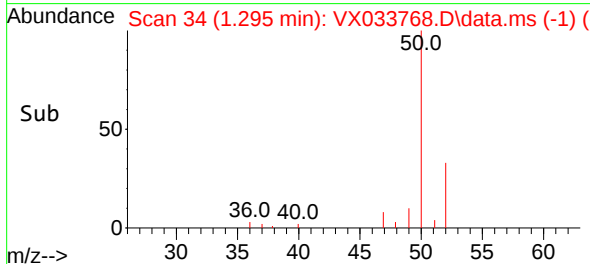
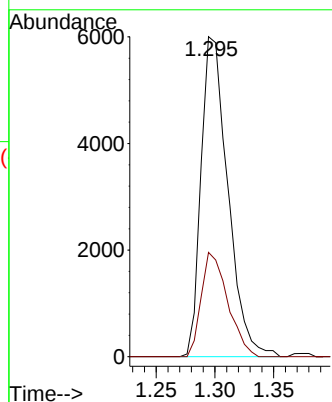
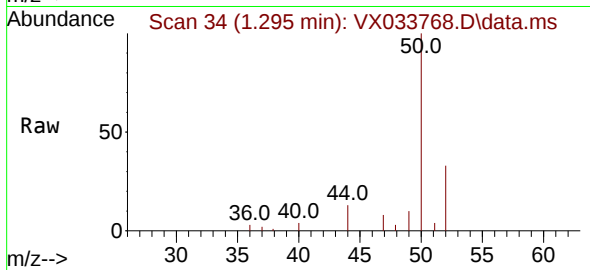
#3
Chloromethane
Concen: 5.070 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 9534
Ion Ratio Lower Upper
50 100
52 32.6 25.5 38.3

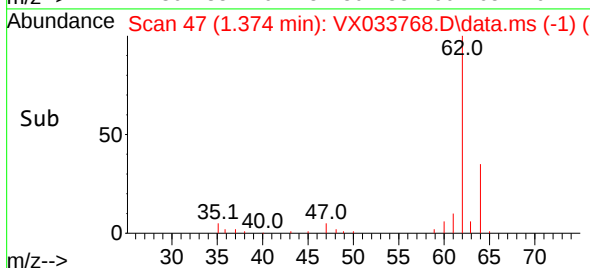
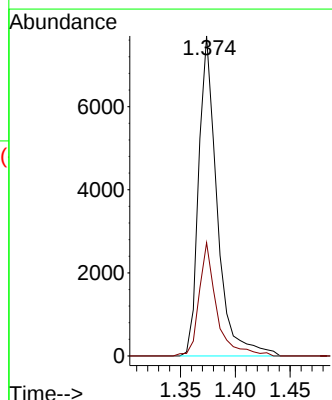
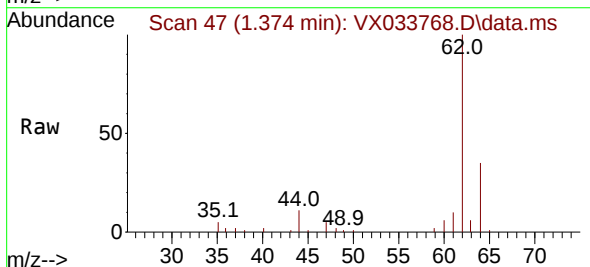
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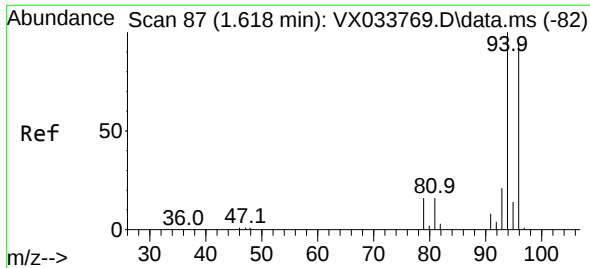
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#4
Vinyl Chloride
Concen: 5.307 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion: 62 Resp: 9015
Ion Ratio Lower Upper
62 100
64 35.4 24.9 37.3





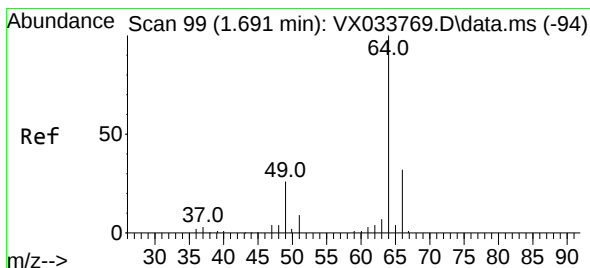
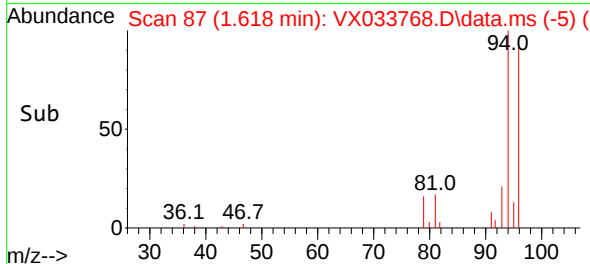
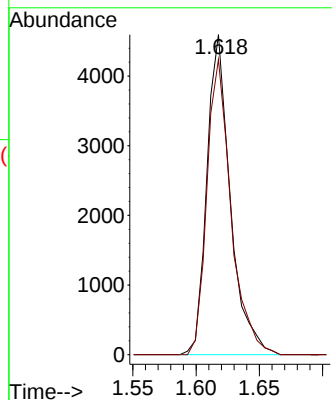
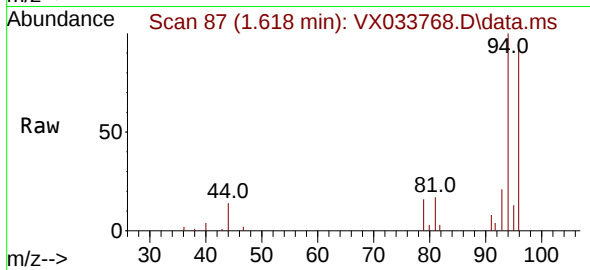
#5
Bromomethane
Concen: 6.296 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 5924
Ion Ratio Lower Upper
94 100
96 92.3 73.6 110.4

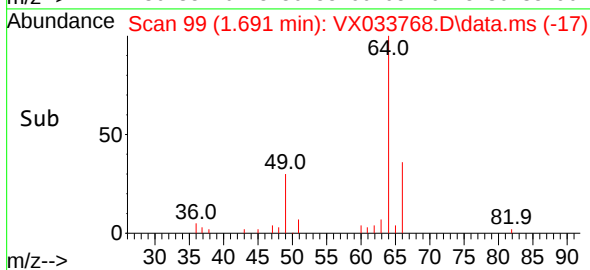
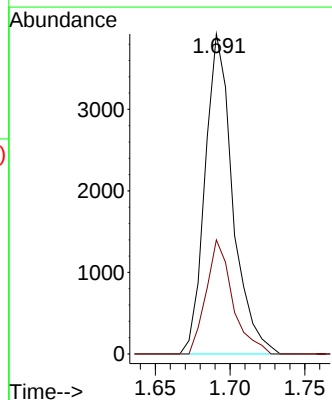
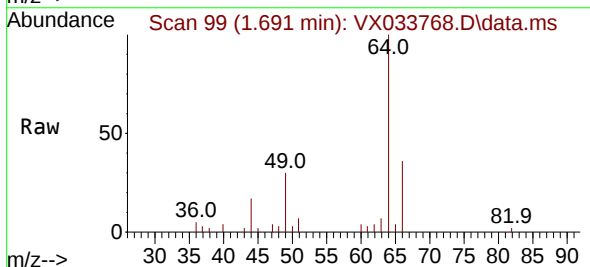
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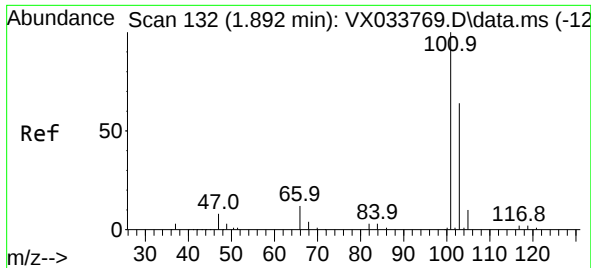
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#6
Chloroethane
Concen: 5.080 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion: 64 Resp: 5054
Ion Ratio Lower Upper
64 100
66 35.7 26.6 40.0





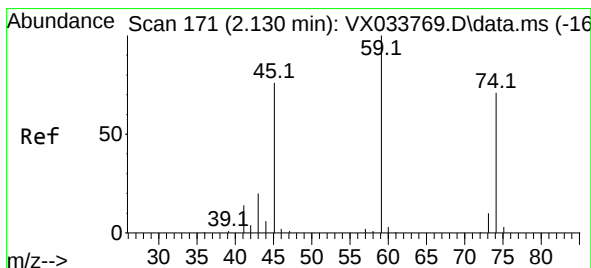
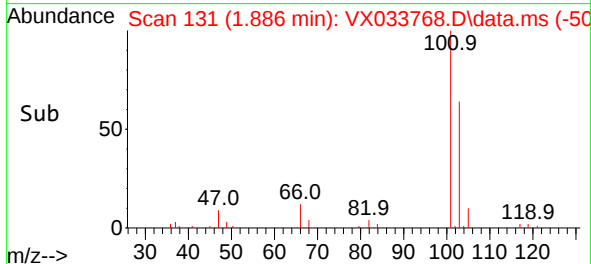
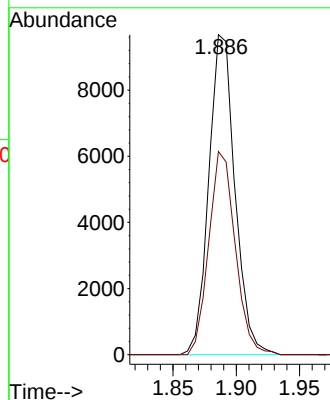
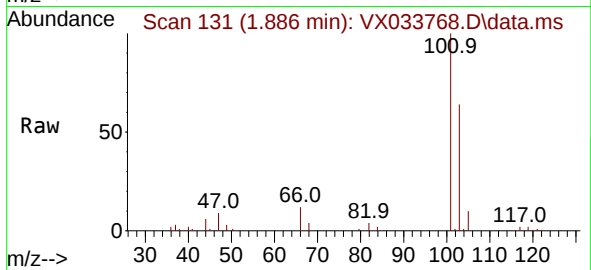
#7
Trichlorofluoromethane
Concen: 5.318 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 1394
Ion Ratio Lower Upper
101 100
103 63.5 53.7 80.5

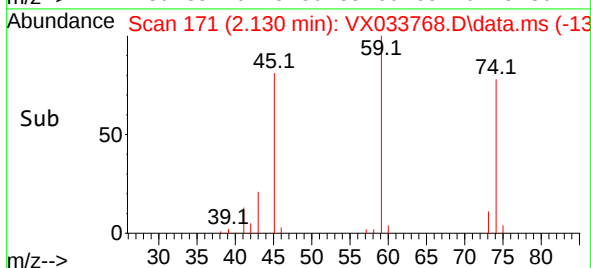
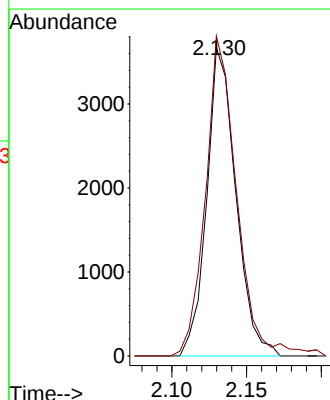
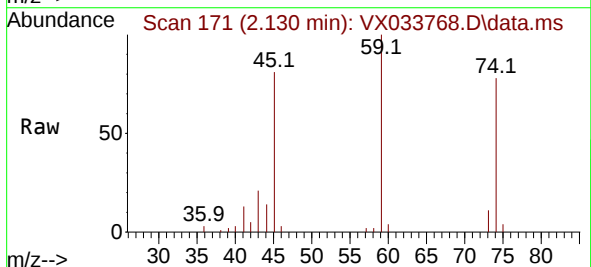
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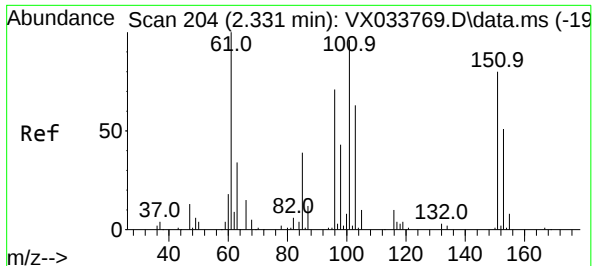
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#8
Diethyl Ether
Concen: 5.824 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion: 74 Resp: 4971
Ion Ratio Lower Upper
74 100
45 110.8 20.3 182.9





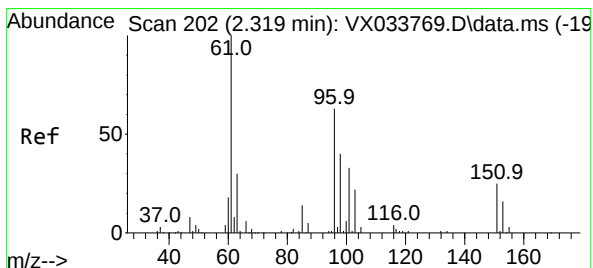
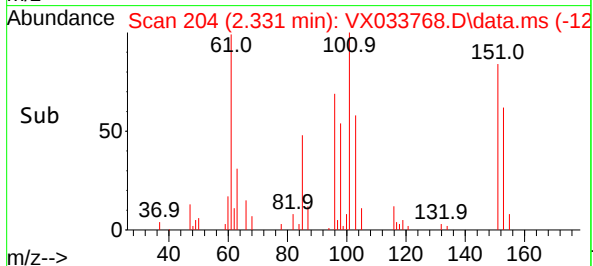
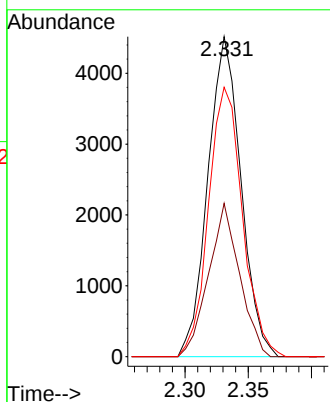
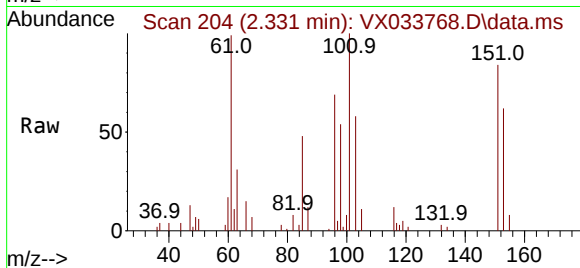
#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.042 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 821
Ion Ratio Lower Upper
101 100
85 44.9 0.0 88.8
151 86.4 0.0 167.2

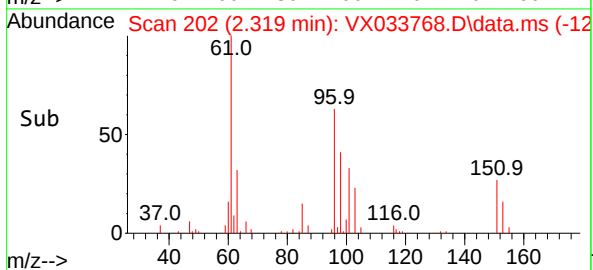
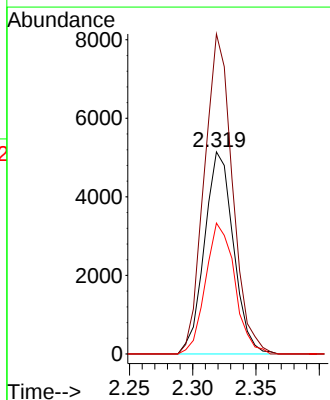
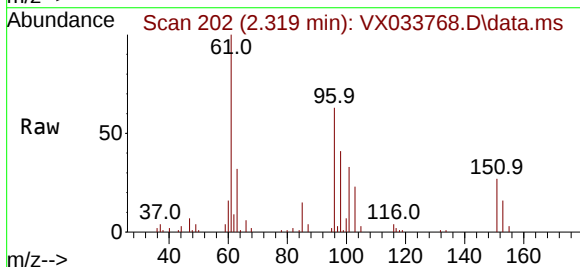
Manual Integrations
APPROVED

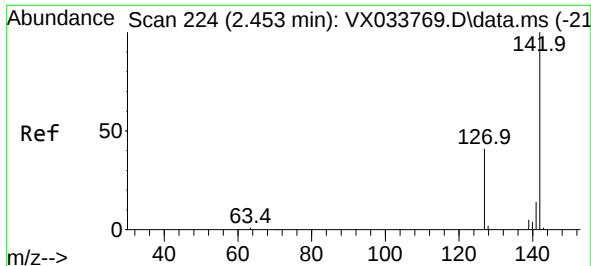
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#10
1,1-Dichloroethene
Concen: 6.390 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

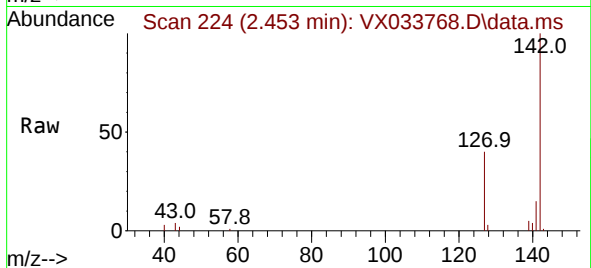
Tgt Ion: 96 Resp: 8189
Ion Ratio Lower Upper
96 100
61 158.3 130.6 195.8
98 64.8 50.8 76.2





#11
Methyl Iodide
Concen: 5.238 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

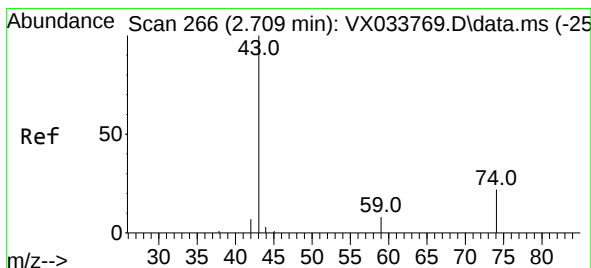
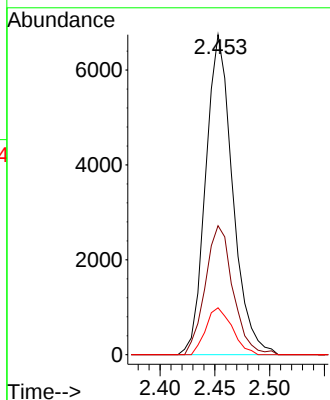
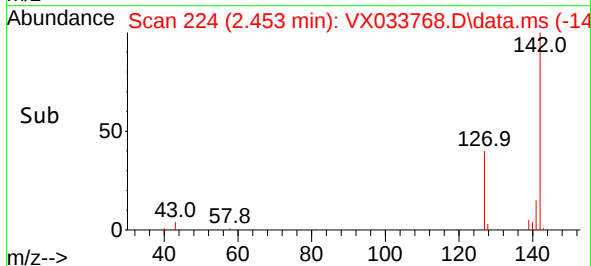
Instrument :
MSVOA_X
Client Sample Id :
VSTDIC005



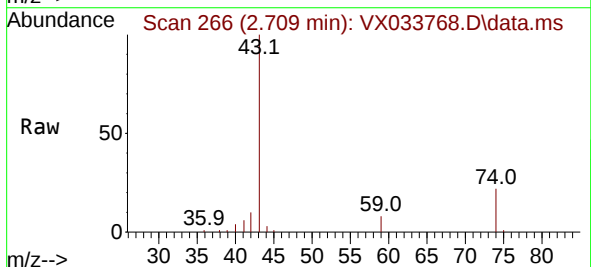
Tgt Ion:142 Resp: 11540
Ion Ratio Lower Upper
142 100
127 40.3 23.2 69.5
141 14.6 7.3 22.0

Manual Integrations
APPROVED

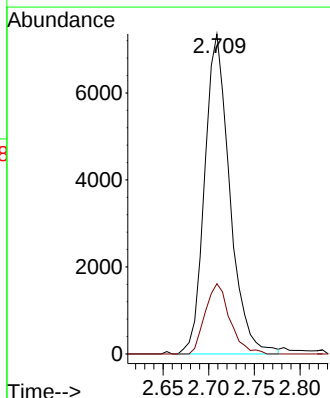
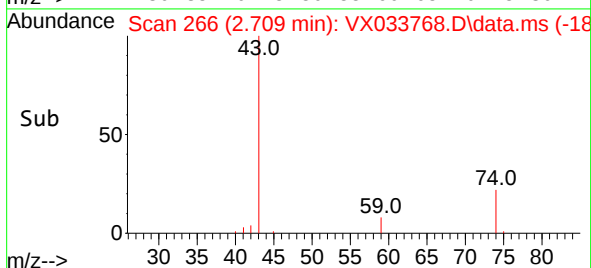
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

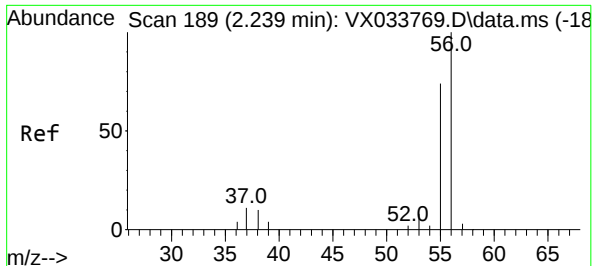


#12
Methyl Acetate
Concen: 5.238 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38



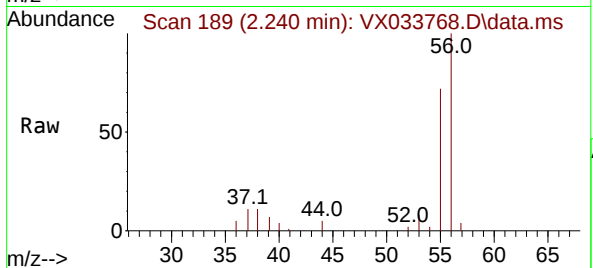
Tgt Ion: 43 Resp: 14052
Ion Ratio Lower Upper
43 100
74 22.1 17.0 25.6





#13
Acrolein
Concen: 30.228 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

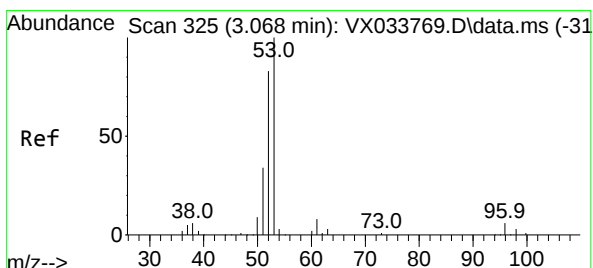
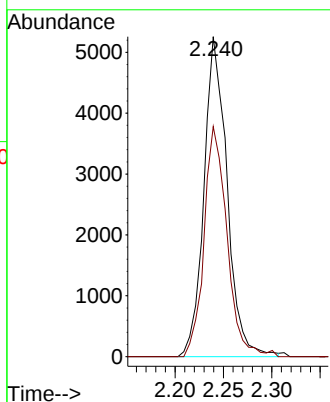
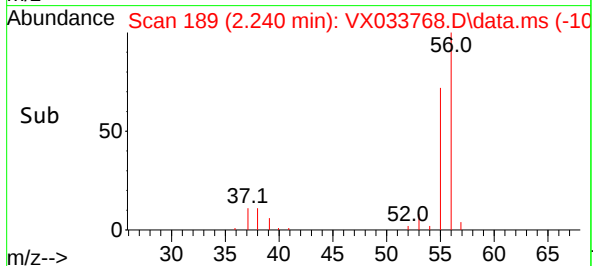
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



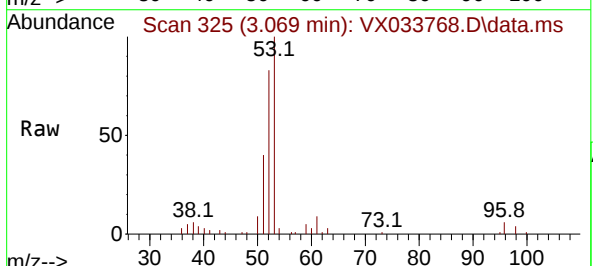
Tgt Ion: 56 Resp: 8744
Ion Ratio Lower Upper
56 100
55 70.8 56.1 84.1

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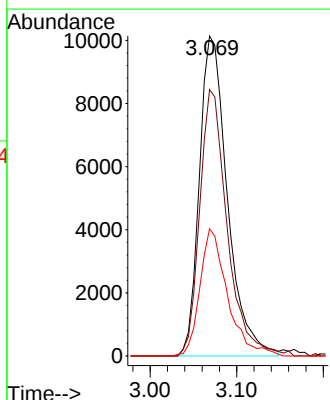
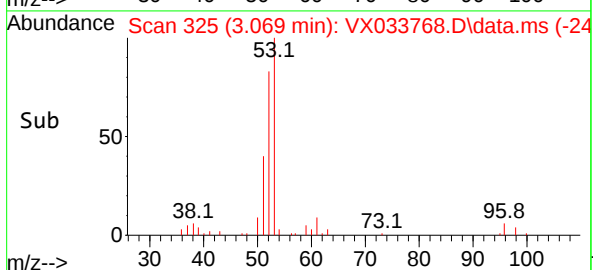
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

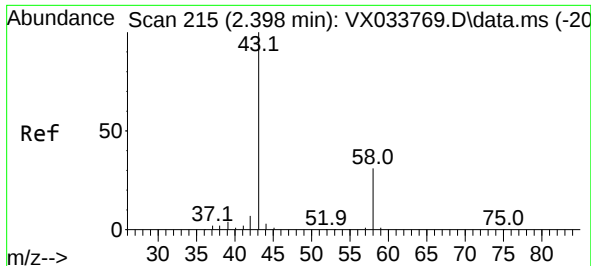


#14
Acrylonitrile
Concen: 25.768 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38



Tgt Ion: 53 Resp: 22798
Ion Ratio Lower Upper
53 100
52 81.5 41.3 124.1
51 39.1 18.4 55.4





#15

Acetone

Concen: 35.336 ug/l

RT: 2.398 min Scan# 215

Delta R.T. -0.006 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 58 Resp: 7079

Ion Ratio Lower Upper

58 100

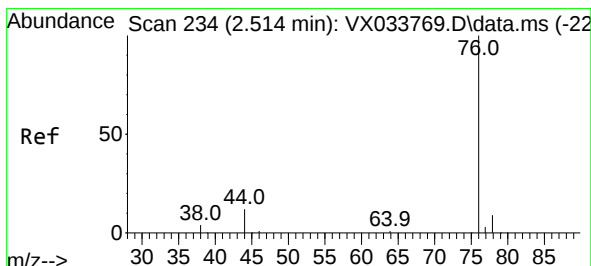
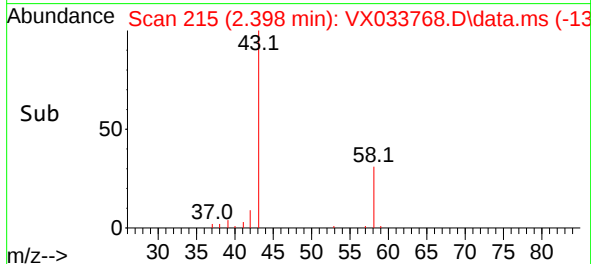
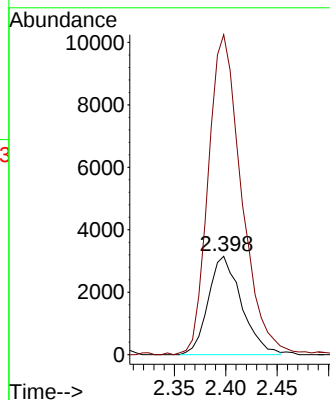
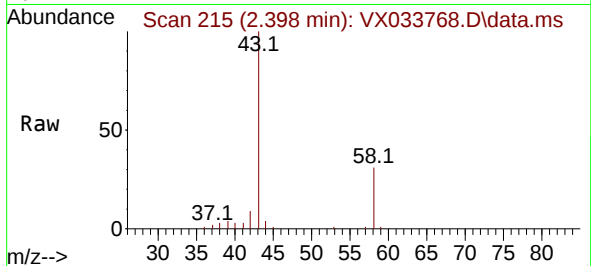
43 323.1 288.3 432.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#16

Carbon Disulfide

Concen: 5.190 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX033768.D

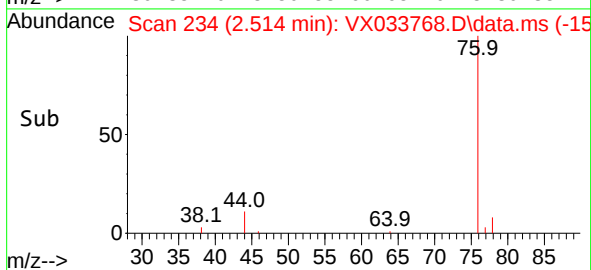
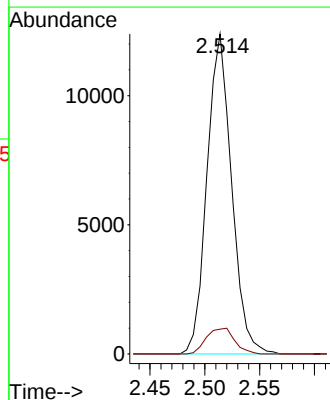
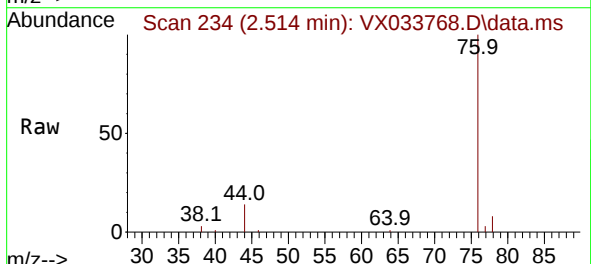
Acq: 18 Jan 2023 12:38

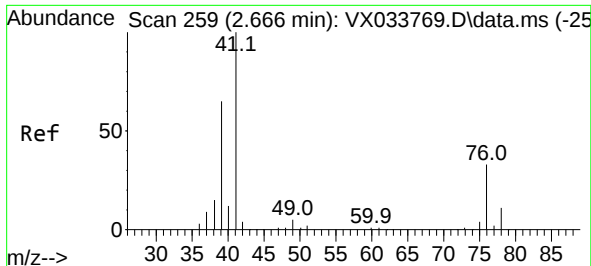
Tgt Ion: 76 Resp: 19354

Ion Ratio Lower Upper

76 100

78 7.8 7.0 10.4





#17

Allyl chloride

Concen: 5.262 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

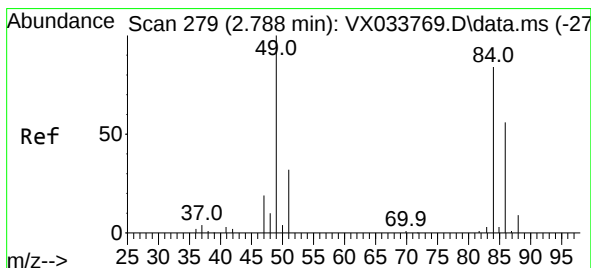
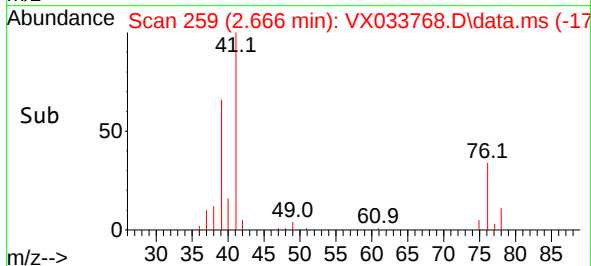
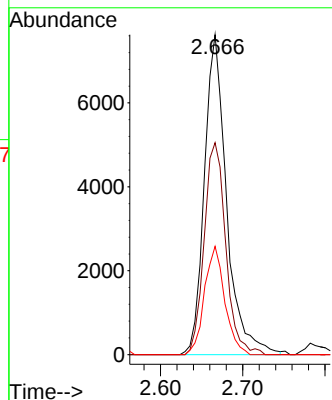
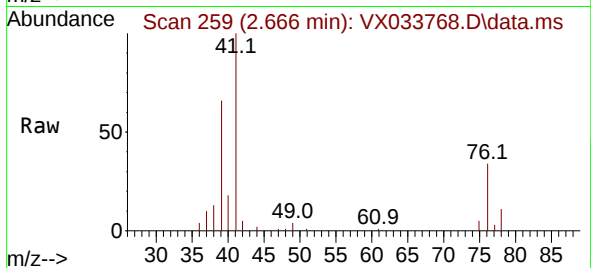
Tgt Ion:	41	Resp:	1434
Ion	Ratio	Lower	Upper
41	100		
39	66.3	40.3	120.8
76	33.9	17.0	50.9

Manual Integrations

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Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#18

Methylene Chloride

Concen: 5.252 ug/l

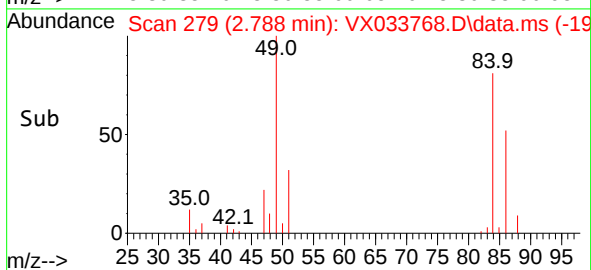
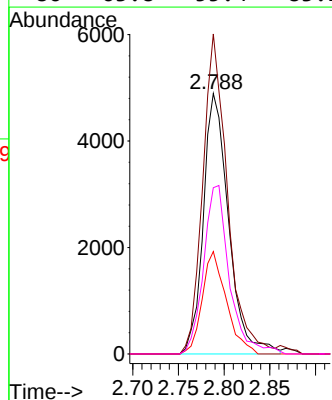
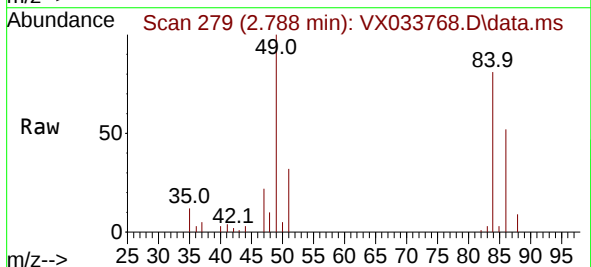
RT: 2.788 min Scan# 279

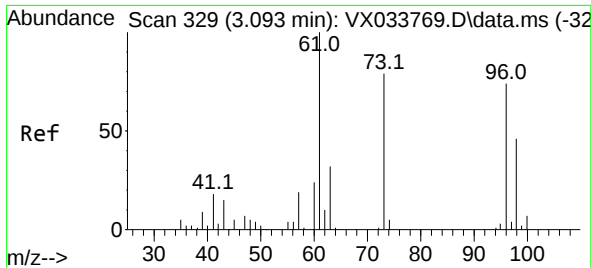
Delta R.T. 0.000 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

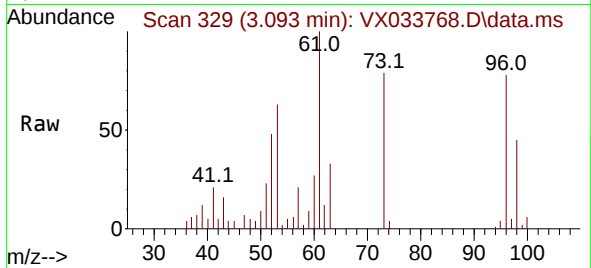
Tgt Ion:	84	Resp:	9426
Ion	Ratio	Lower	Upper
84	100		
49	122.8	104.1	156.1
51	39.3	29.2	43.8
86	63.8	55.4	83.2





#19
trans-1,2-Dichloroethene
Concen: 5.094 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

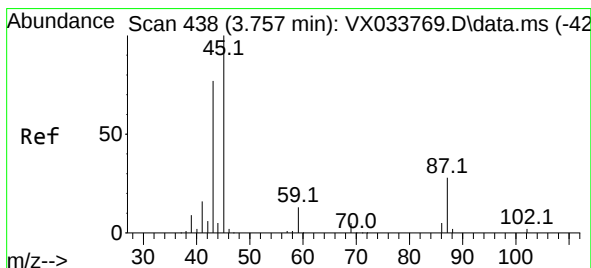
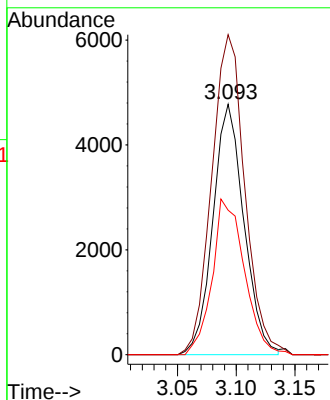
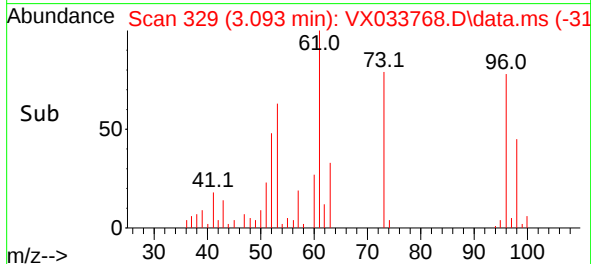
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



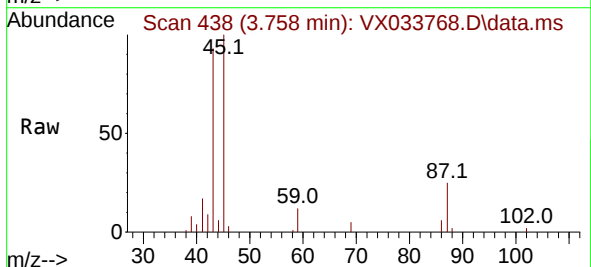
Tgt Ion: 96 Resp: 877
Ion Ratio Lower Upper
96 100
61 127.8 117.1 175.7
98 57.7 52.0 78.0

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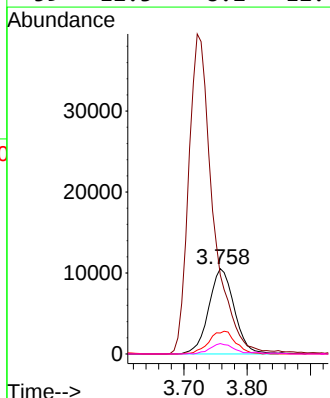
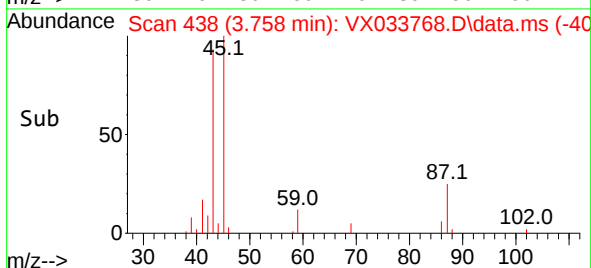
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

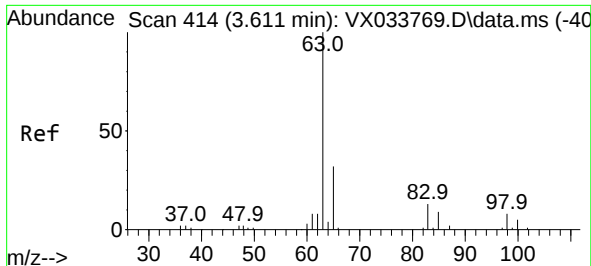


#20
Diisopropyl ether
Concen: 5.022 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38



Tgt Ion: 45 Resp: 29548
Ion Ratio Lower Upper
45 100
43 88.8 58.0 87.0#
87 24.6 21.7 32.5
59 12.3 8.2 12.4





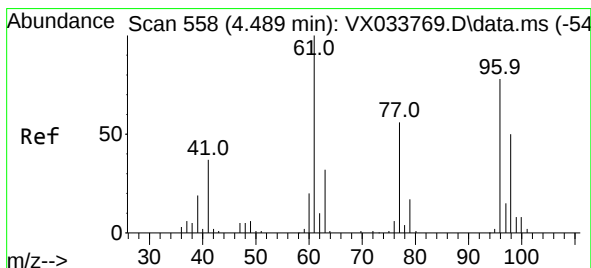
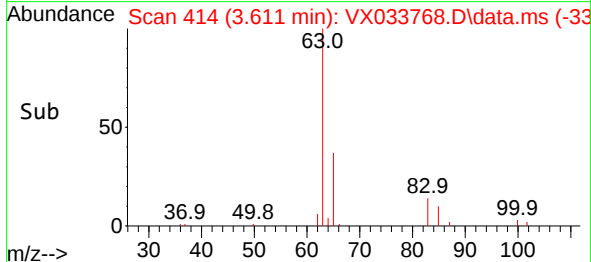
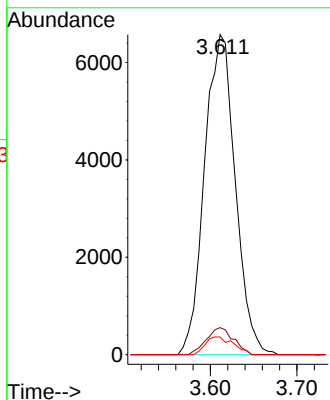
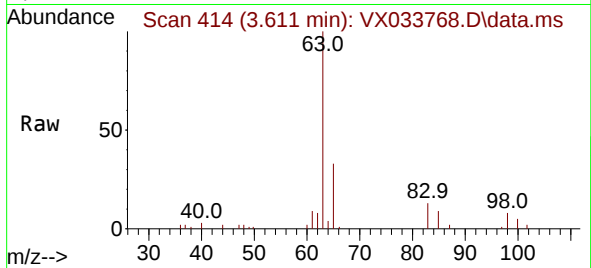
#21
1,1-Dichloroethane
Concen: 5.021 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 1620
Ion Ratio Lower Upper
63 100
98 8.4 4.0 12.2
100 5.5 2.4 7.2

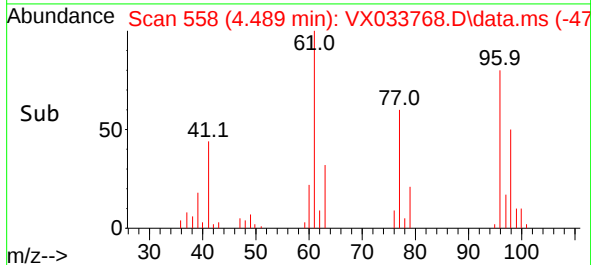
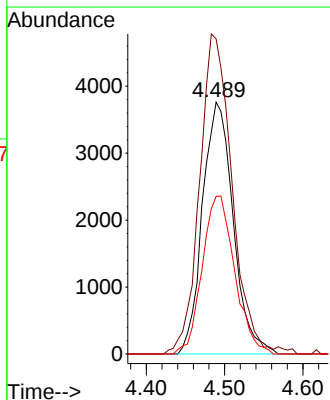
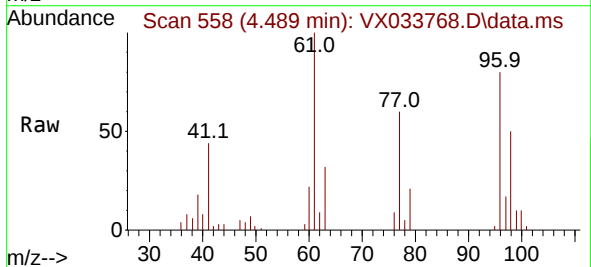
Manual Integrations
APPROVED

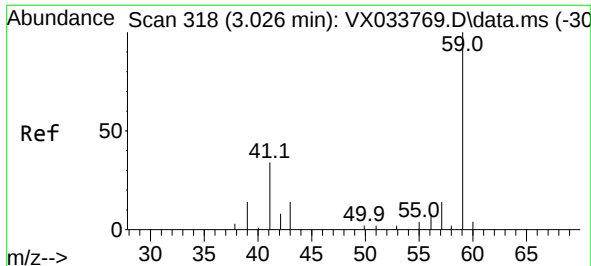
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#22
cis-1,2-Dichloroethene
Concen: 5.016 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion: 96 Resp: 10270
Ion Ratio Lower Upper
96 100
61 133.0 114.2 171.2
98 66.2 51.4 77.0





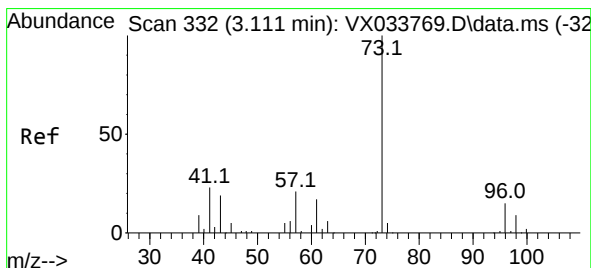
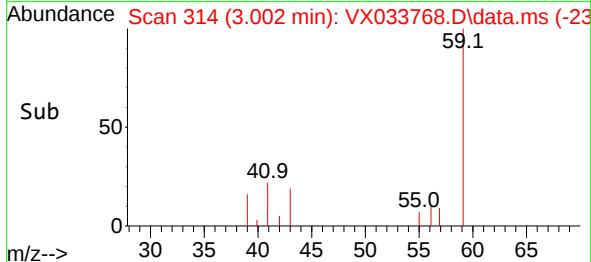
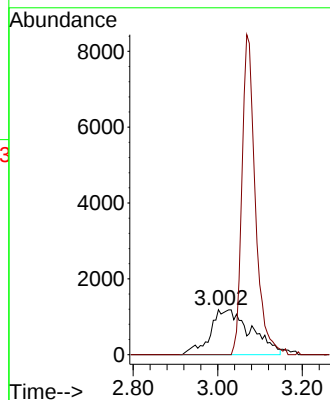
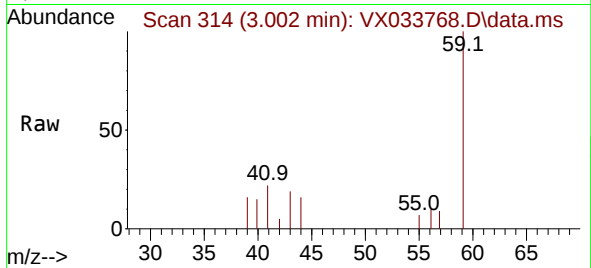
#23
tert-Butyl Alcohol
Concen: 22.795 ug/l m
RT: 3.002 min Scan# 318
Delta R.T. -0.043 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 7960
Ion Ratio Lower Upper
59 100
52 233.2 0.2 0.2

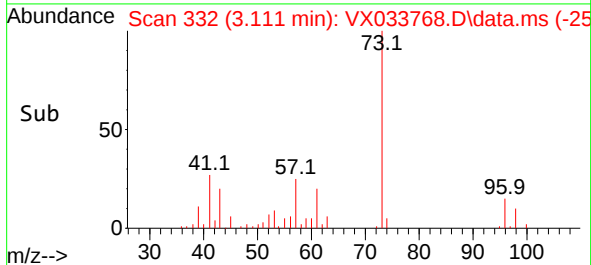
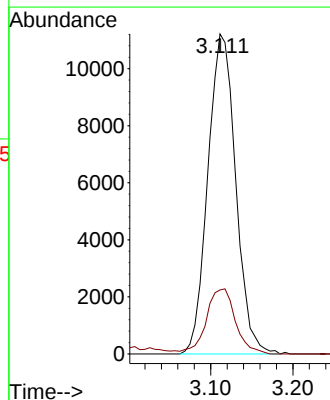
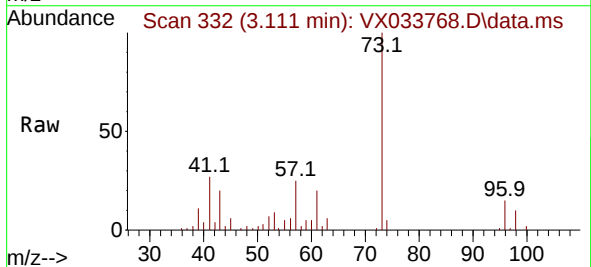
Manual Integrations
APPROVED

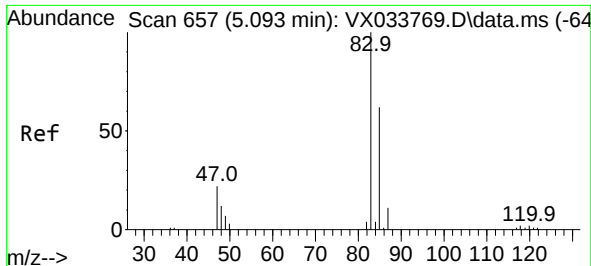
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#24
Methyl tert-Butyl Ether
Concen: 4.824 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion: 73 Resp: 26399
Ion Ratio Lower Upper
73 100
43 21.3 18.1 27.1





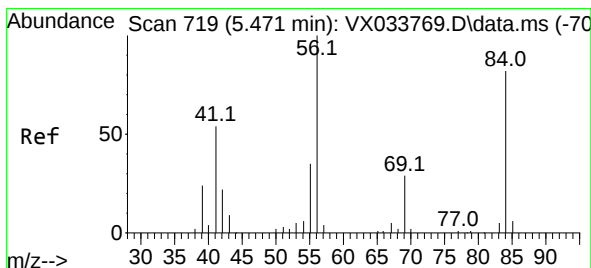
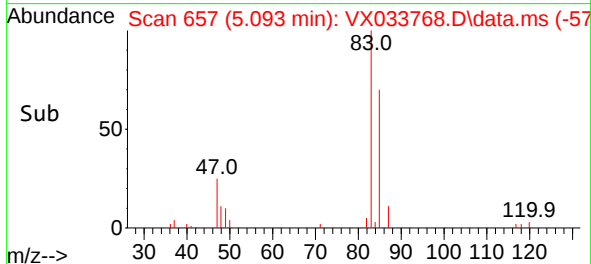
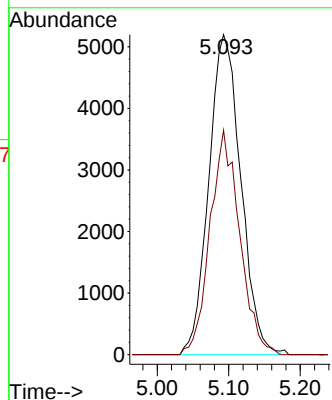
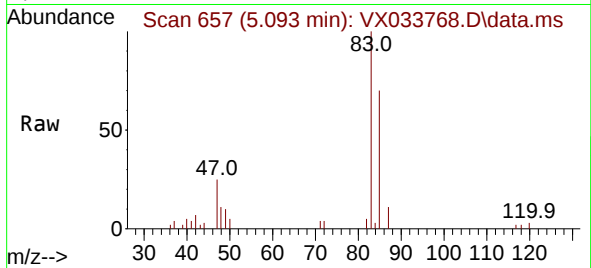
#25
Chloroform
Concen: 4.936 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 1616
Ion Ratio Lower Upper
83 100
85 70.2 53.9 80.9

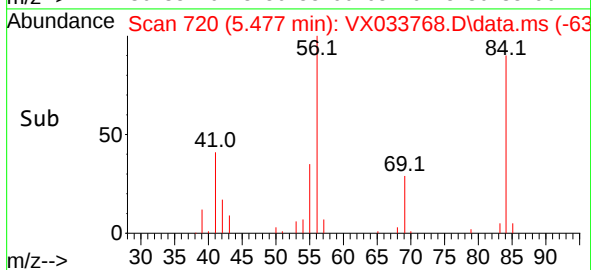
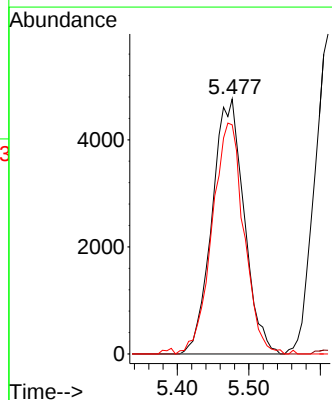
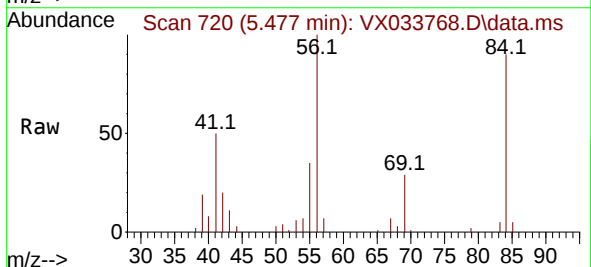
Manual Integrations
APPROVED

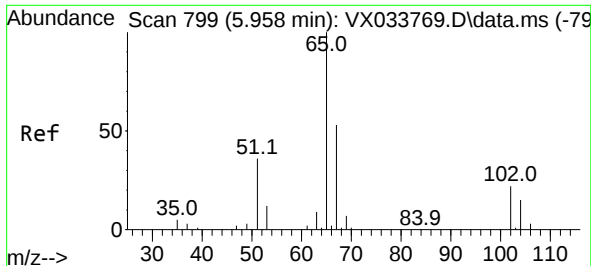
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#26
Cyclohexane
Concen: 4.950 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion: 56 Resp: 14825
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.9 70.8 106.2





#27
1,2-Dichloroethane-d4
Concen: 31.448 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :

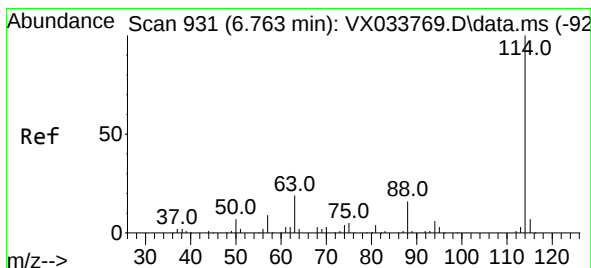
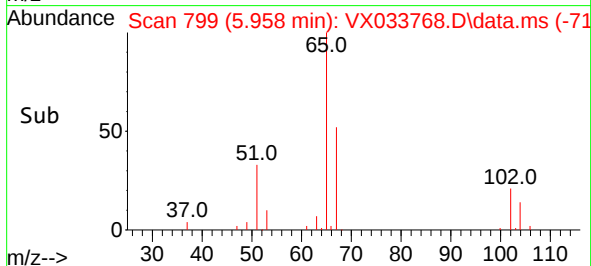
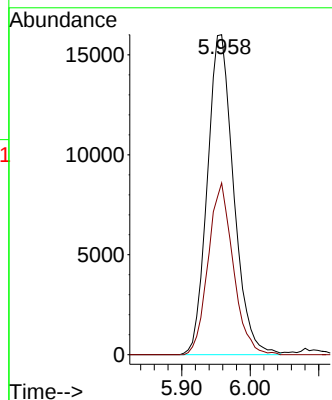
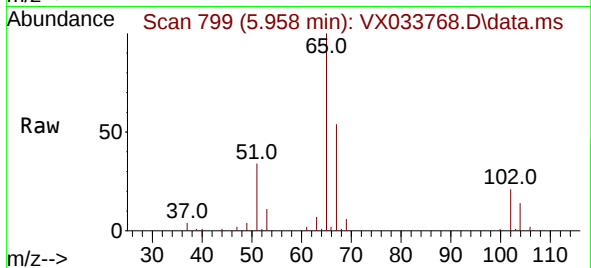
VSTDIC005

Tgt Ion: 65 Resp: 42715
Ion Ratio Lower Upper
65 100
67 50.9 40.4 60.6

Manual Integrations

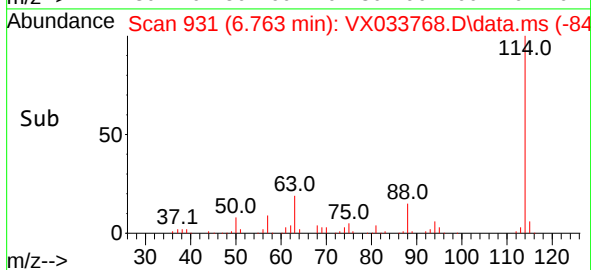
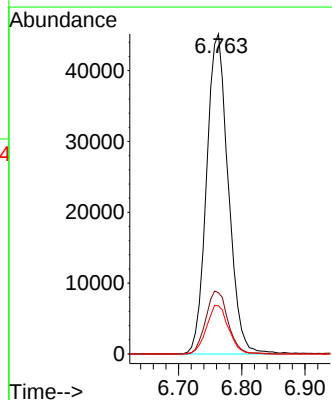
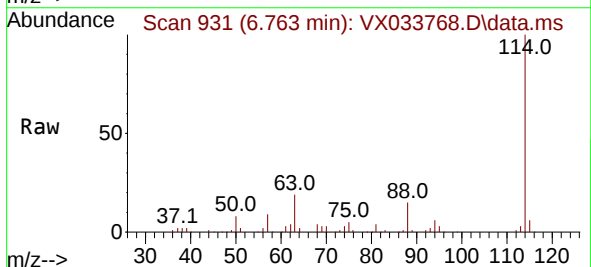
APPROVED

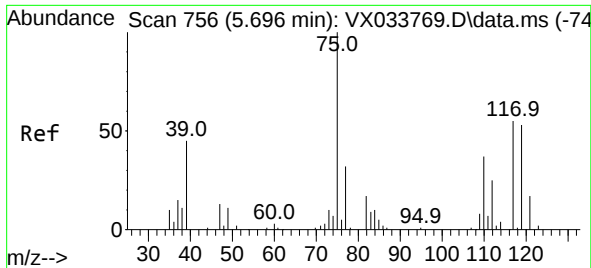
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion:114 Resp: 107686
Ion Ratio Lower Upper
114 100
63 20.0 15.5 23.3
88 15.4 12.4 18.6





#29
1,1-Dichloropropene
Concen: 5.072 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Instrument :

MSVOA_X

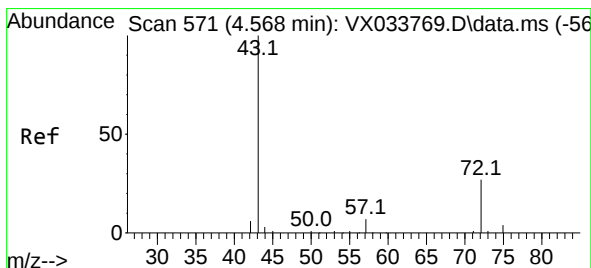
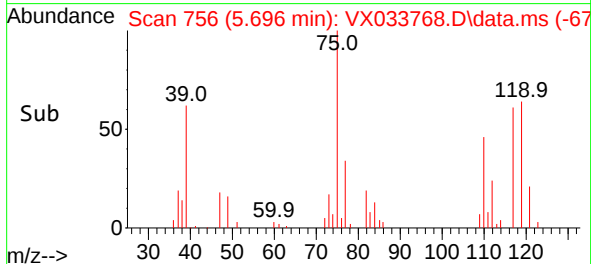
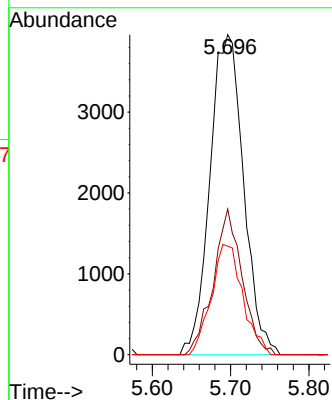
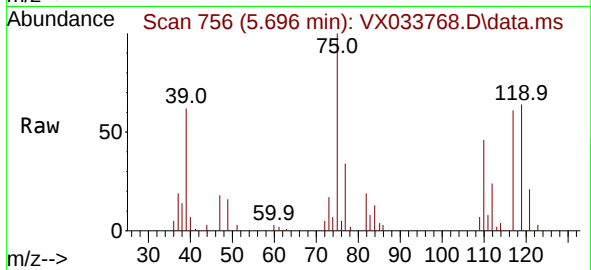
ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 1180
Ion Ratio Lower Upper
75 100
110 39.1 0.0 71.4
77 32.3 0.0 61.0

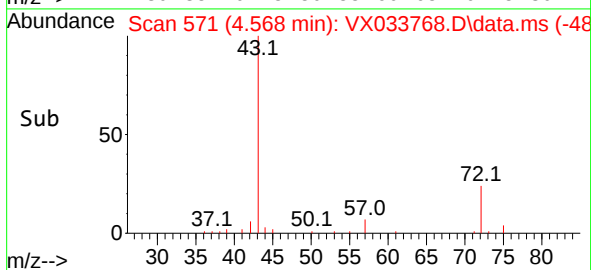
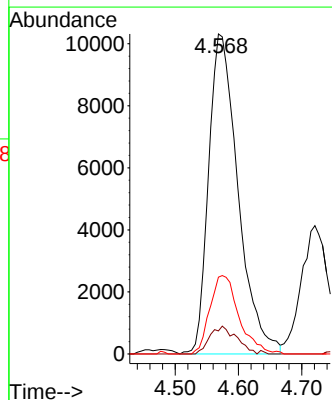
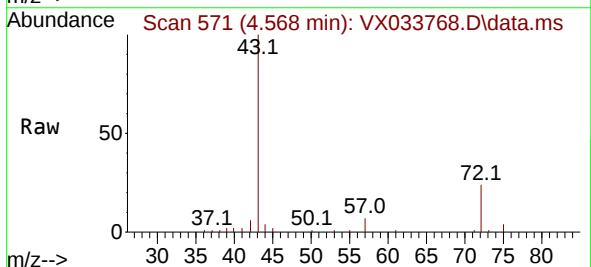
Manual Integrations
APPROVED

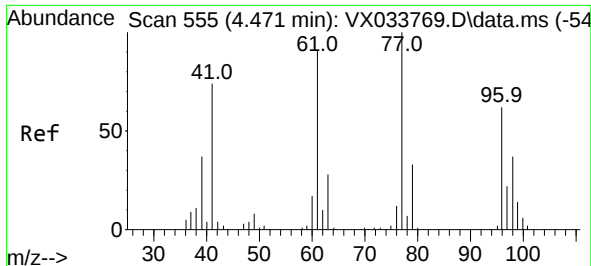
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#30
2-Butanone
Concen: 27.457 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion: 43 Resp: 33376
Ion Ratio Lower Upper
43 100
57 5.6 3.4 5.2#
72 24.1 19.8 29.6





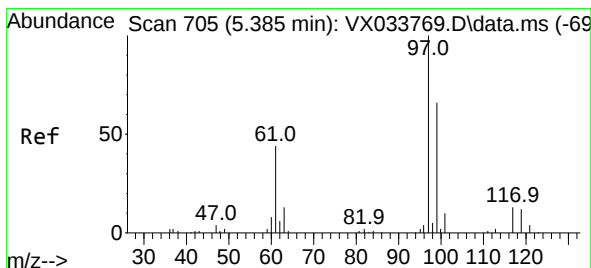
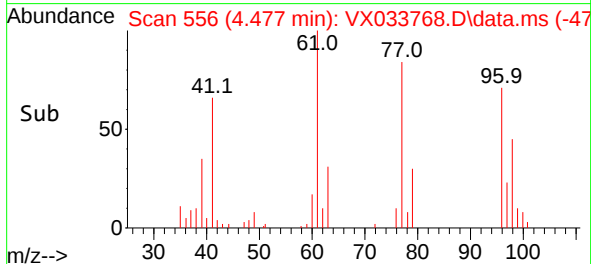
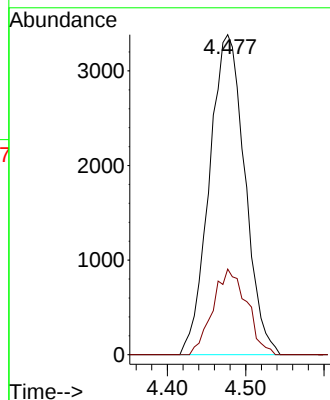
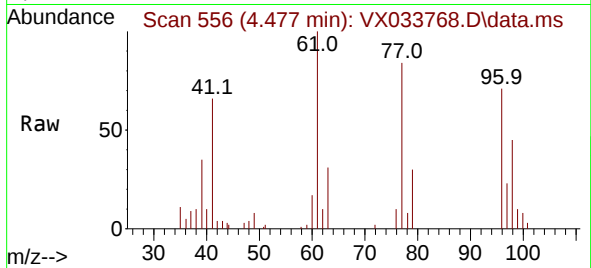
#31
2,2-Dichloropropane
Concen: 5.317 ug/l
RT: 4.477 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 77 Resp: 1065
Ion Ratio Lower Upper
77 100
97 25.5 19.0 28.6

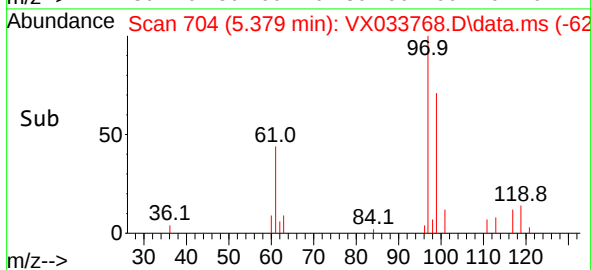
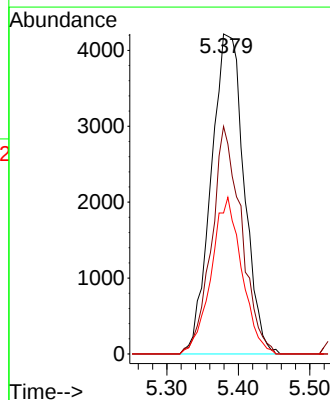
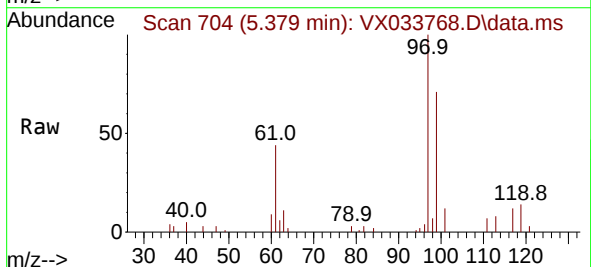
Manual Integrations
APPROVED

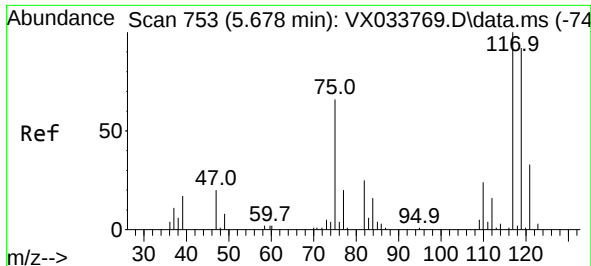
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#32
1,1,1-Trichloroethane
Concen: 4.970 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

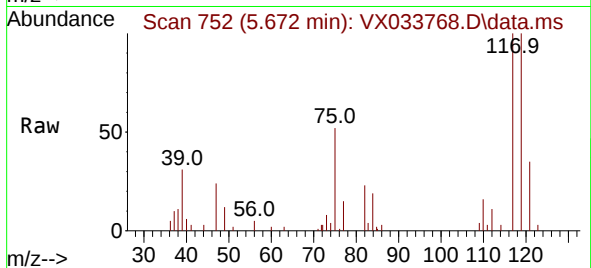
Tgt Ion: 97 Resp: 13505
Ion Ratio Lower Upper
97 100
99 64.3 52.0 78.0
61 45.5 35.4 53.2





#33
Carbon Tetrachloride
Concen: 4.732 ug/l
RT: 5.672 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

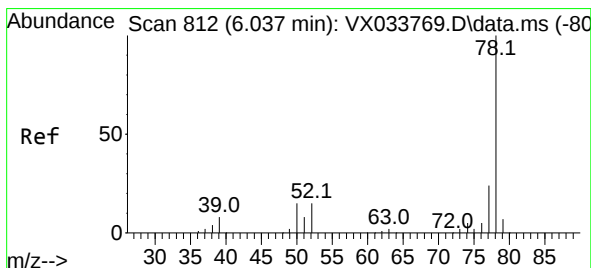
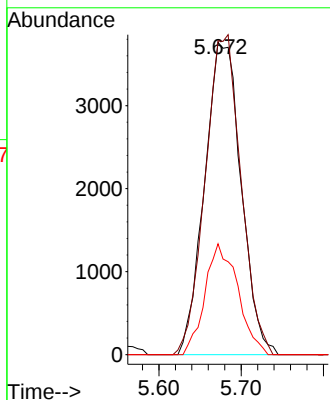
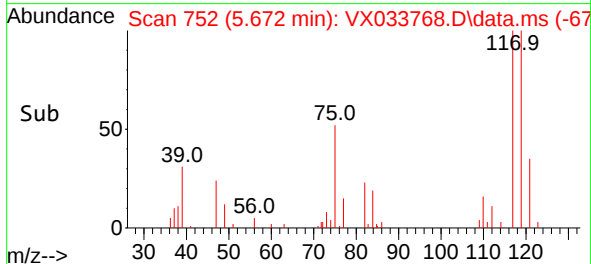
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 117 Resp: 11608
Ion Ratio Lower Upper
117 100
119 100.5 74.8 112.2
121 35.5 23.8 35.8

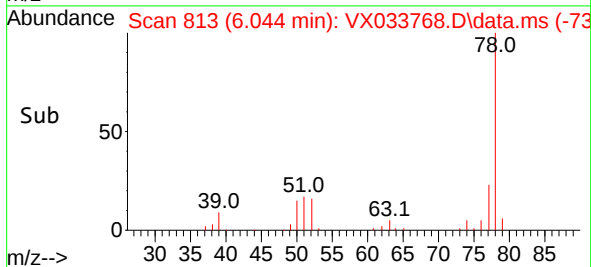
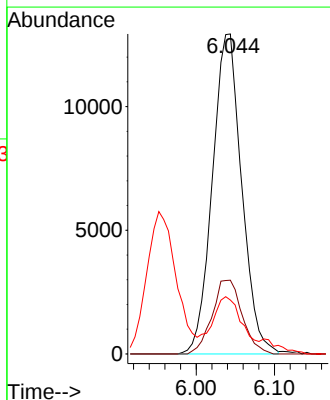
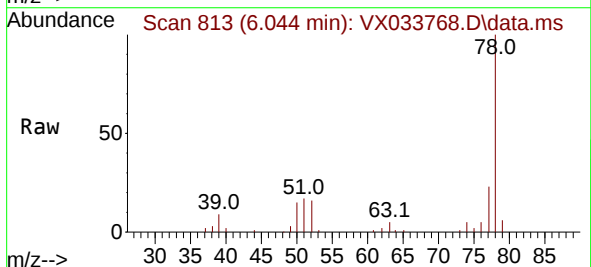
Manual Integrations
APPROVED

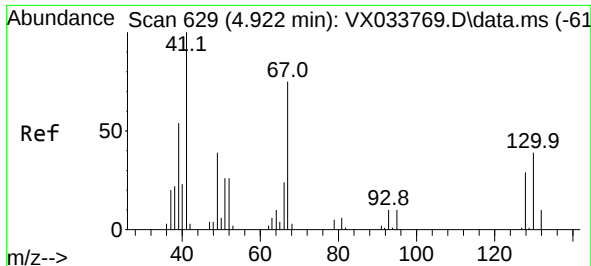
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#34
Benzene
Concen: 4.977 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

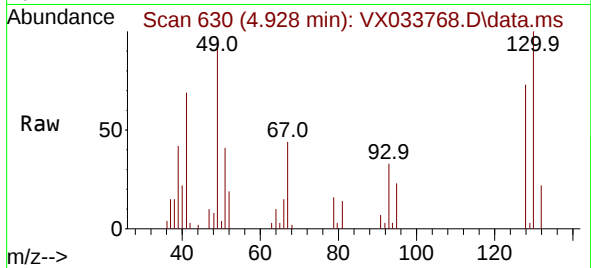
Tgt Ion: 78 Resp: 33653
Ion Ratio Lower Upper
78 100
77 23.1 19.5 29.3
51 14.2 13.0 19.6





#35
Methacrylonitrile
Concen: 4.940 ug/l m
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

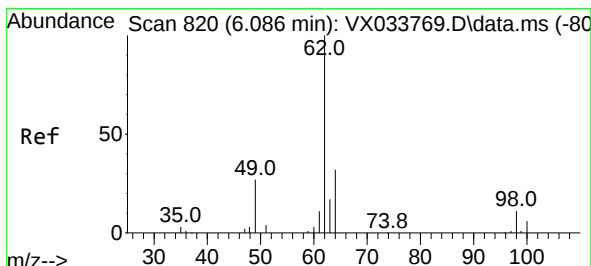
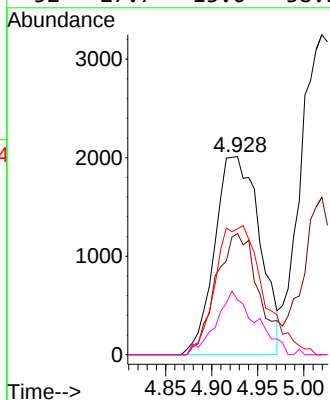
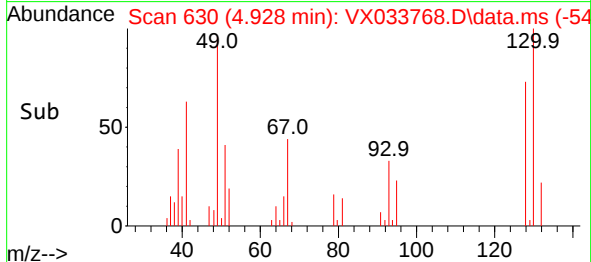
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 41	Resp: 684
Ion Ratio	Lower Upper
41 100	
39 61.2	28.6 85.9
67 63.6	34.8 104.3
52 27.7	13.0 38.9

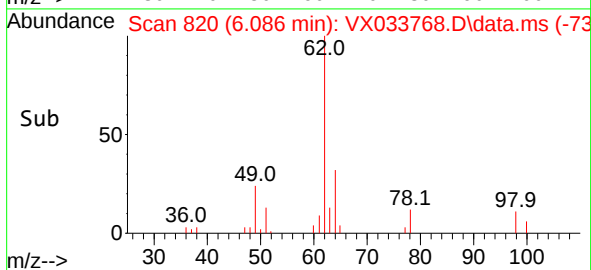
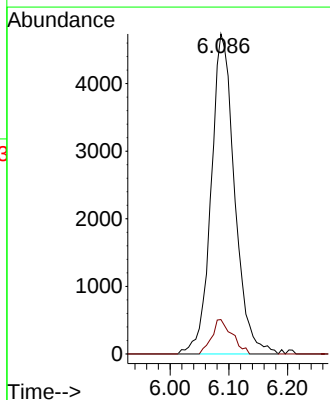
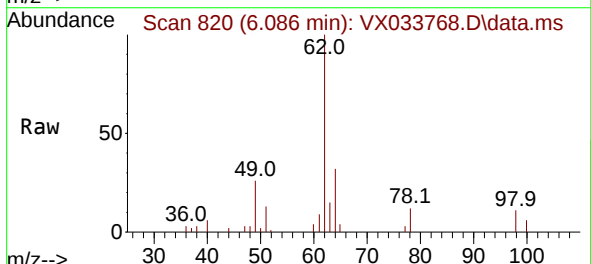
Manual Integrations
APPROVED

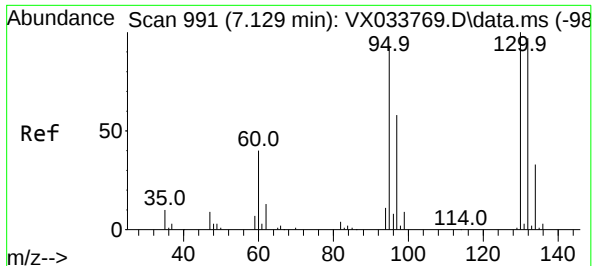
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#36
1,2-Dichloroethane
Concen: 5.347 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

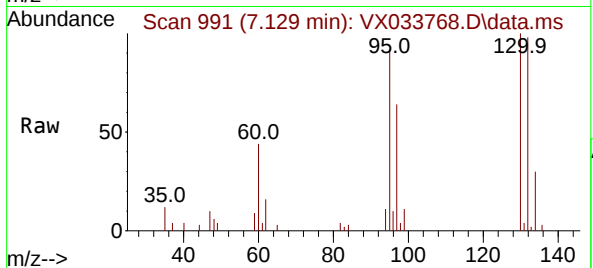
Tgt Ion: 62	Resp: 13143
Ion Ratio	Lower Upper
62 100	
98 9.0	7.4 11.0





#37
Trichloroethene
Concen: 4.426 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

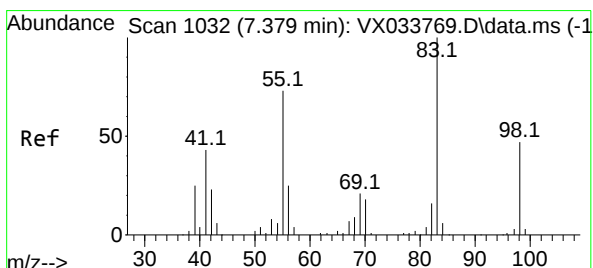
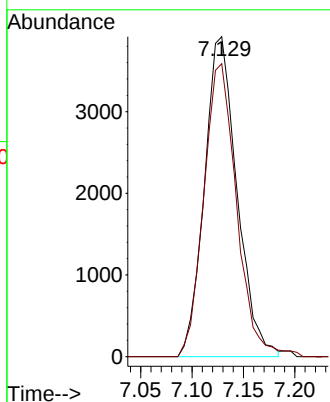
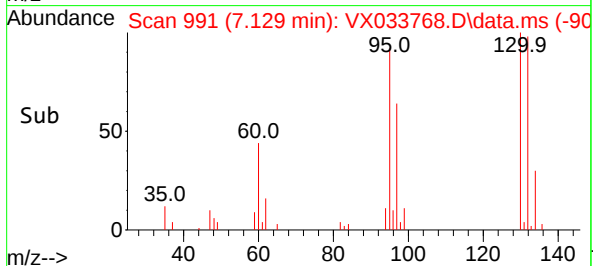
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



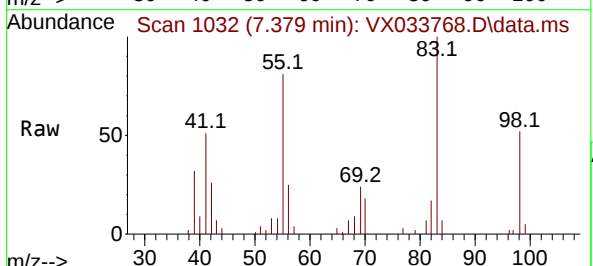
Tgt Ion:130 Resp: 863
Ion Ratio Lower Upper
130 100
95 91.6 73.1 109.7

Manual Integrations
APPROVED

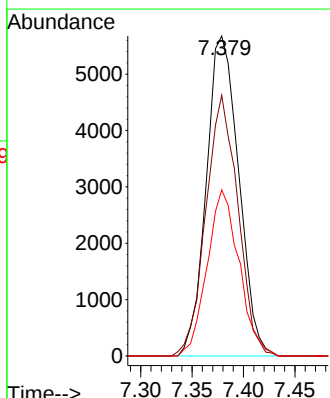
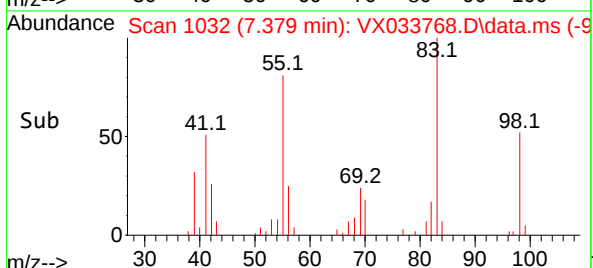
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

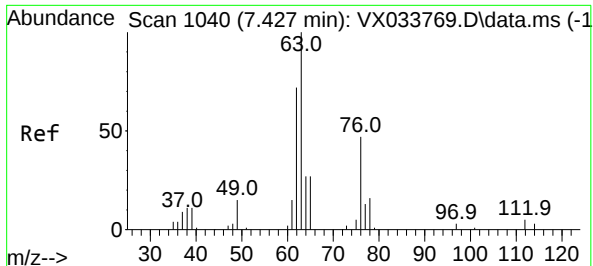


#38
Methylcyclohexane
Concen: 4.308 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38



Tgt Ion: 83 Resp: 12469
Ion Ratio Lower Upper
83 100
55 80.3 38.6 115.7
98 51.3 25.3 75.8





#39

1,2-Dichloropropane

Concen: 4.469 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 7724

Ion Ratio Lower Upper

63 100

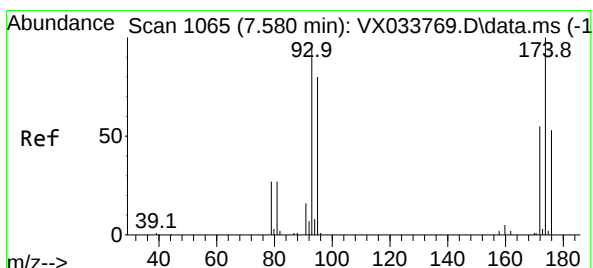
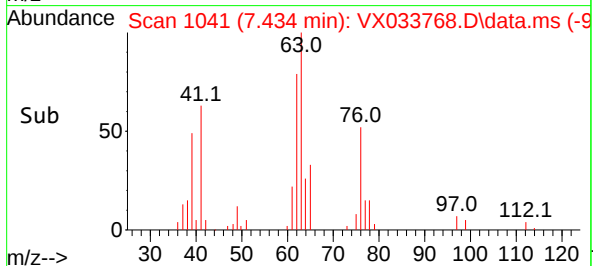
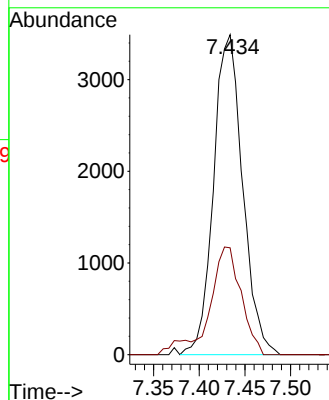
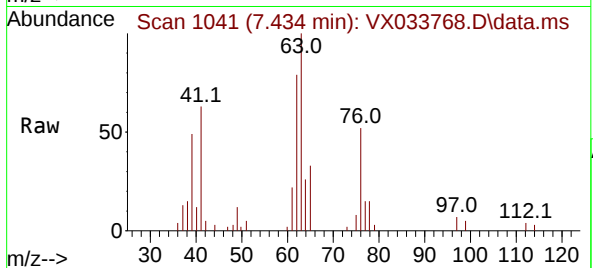
65 33.4 23.2 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#40

Dibromomethane

Concen: 4.714 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

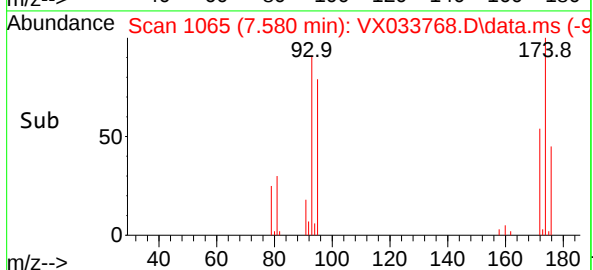
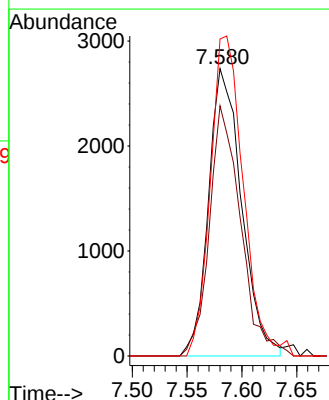
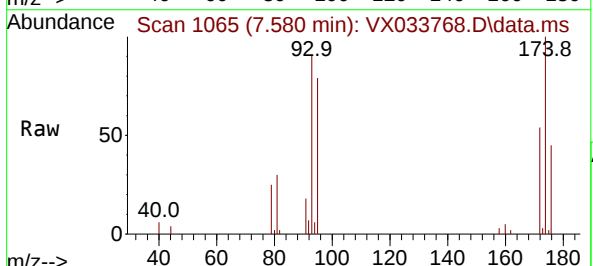
Tgt Ion: 93 Resp: 5725

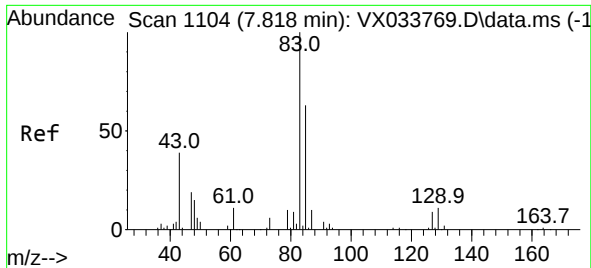
Ion Ratio Lower Upper

93 100

95 82.3 0.0 166.4

174 110.3 0.0 233.8





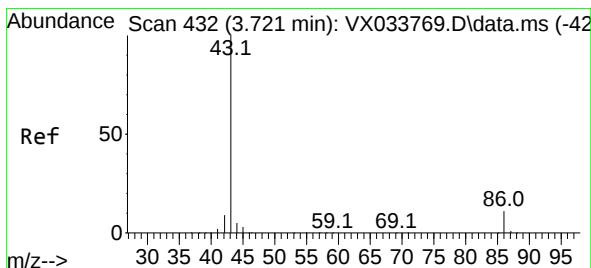
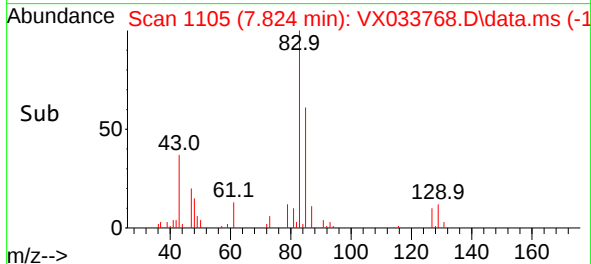
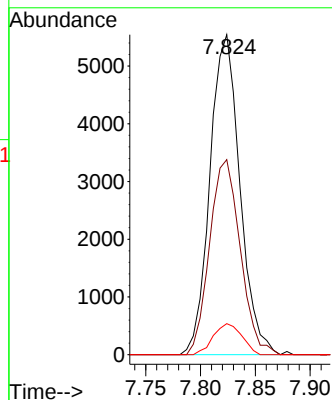
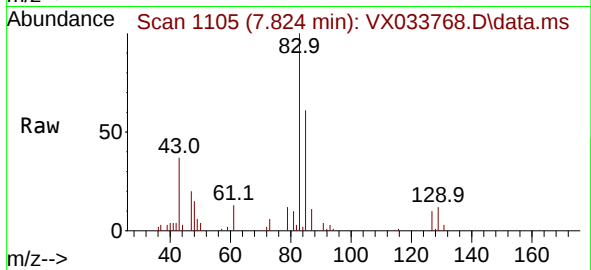
#41
Bromodichloromethane
Concen: 4.476 ug/l
RT: 7.824 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 10544
Ion Ratio Lower Upper
83 100
85 61.0 52.0 78.0
127 9.7 7.4 11.0

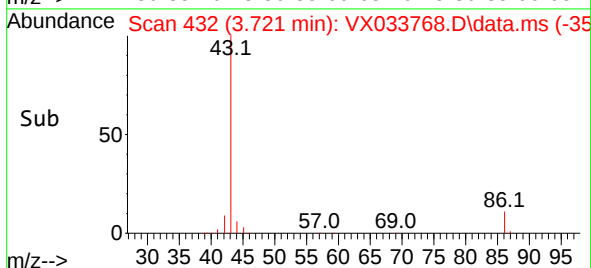
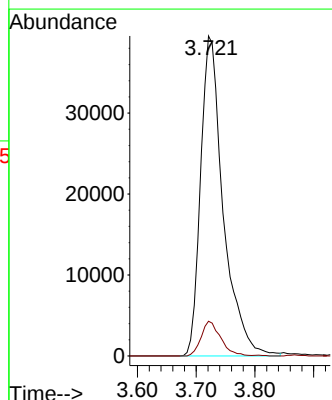
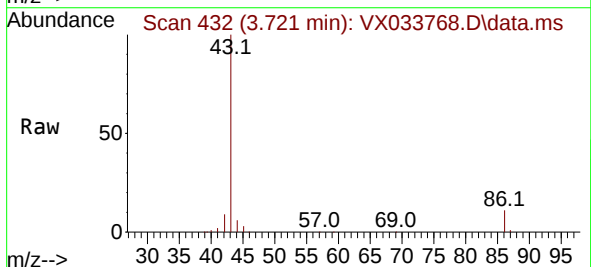
Manual Integrations
APPROVED

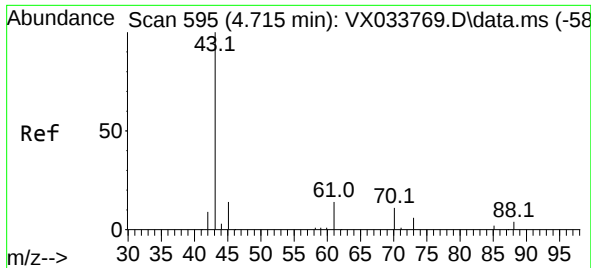
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#42
Vinyl Acetate
Concen: 24.389 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion: 43 Resp: 105944
Ion Ratio Lower Upper
43 100
86 9.4 7.2 10.8





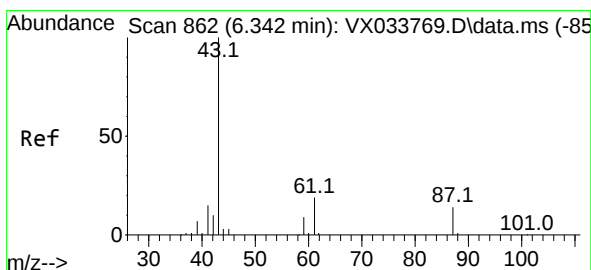
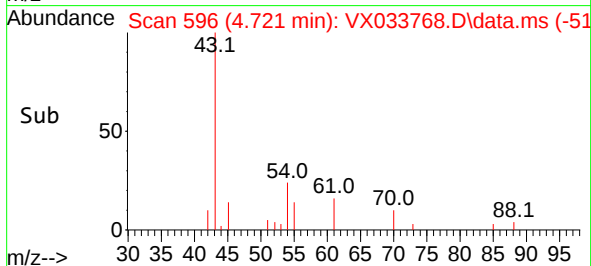
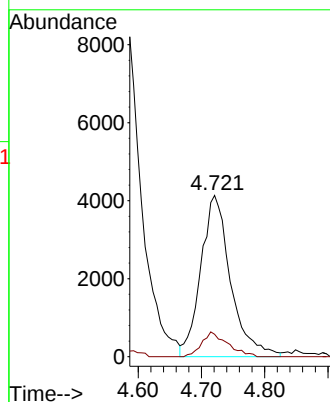
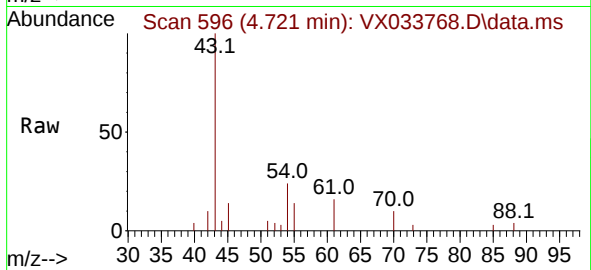
#43
Ethyl Acetate
Concen: 5.432 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 1353
Ion Ratio Lower Upper
43 100
45 12.3 11.2 16.8

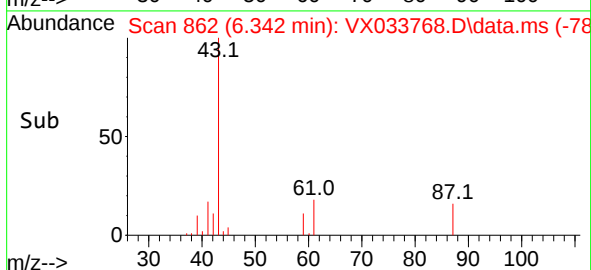
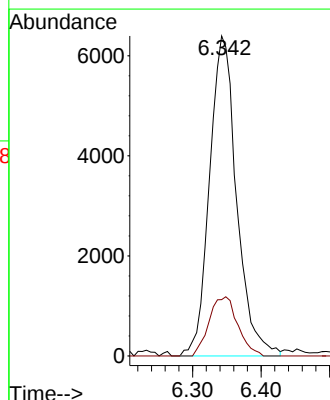
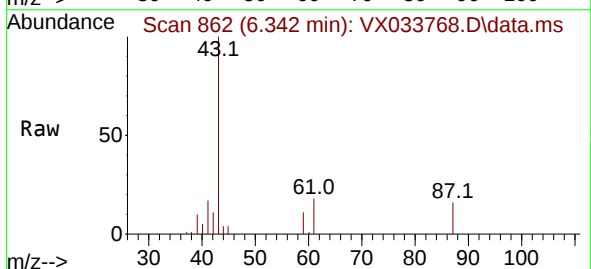
Manual Integrations
APPROVED

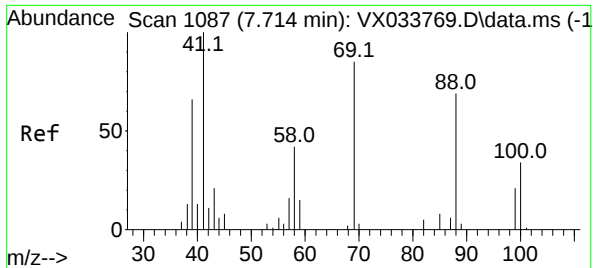
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#44
Isopropyl Acetate
Concen: 4.501 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

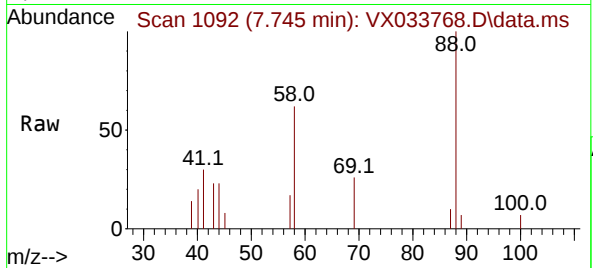
Tgt Ion: 43 Resp: 17587
Ion Ratio Lower Upper
43 100
61 19.5 15.4 23.2





#45
1,4-Dioxane
Concen: 83.716 ug/l m
RT: 7.745 min Scan# 1092
Delta R.T. 0.012 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

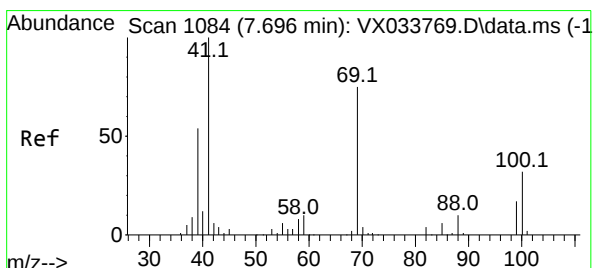
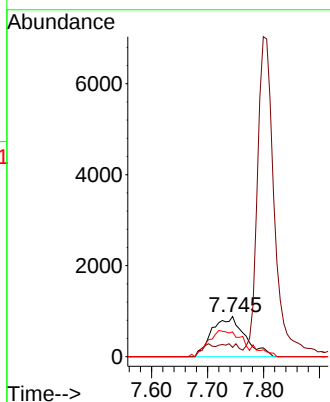
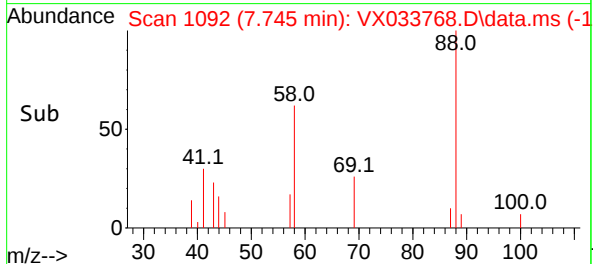
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



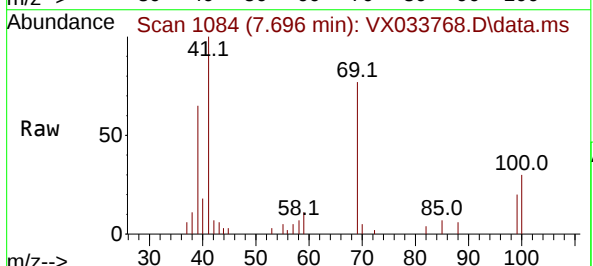
Tgt Ion: 88 Resp: 3569
Ion Ratio Lower Upper
88 100
43 2.0 1.2 1.8
58 40.8 8.5 12.7

Manual Integrations
APPROVED

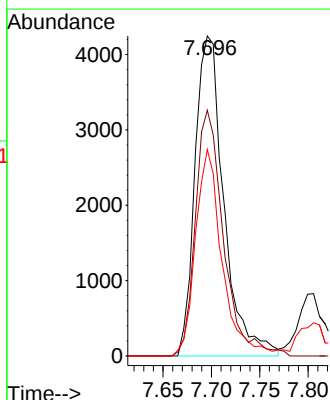
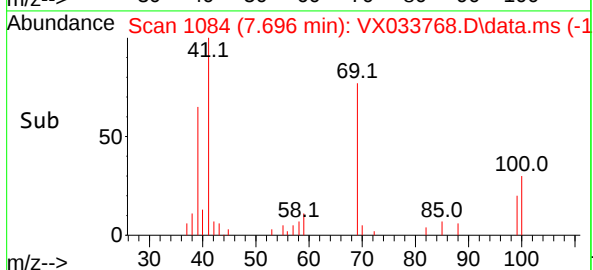
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

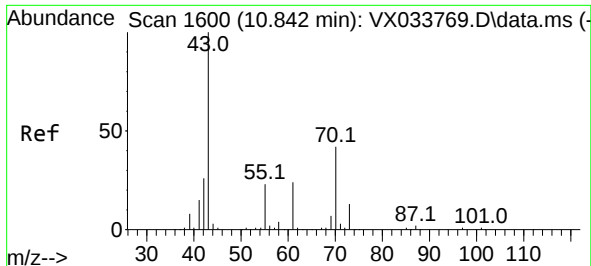


#46
Methyl methacrylate
Concen: 4.462 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38



Tgt Ion: 41 Resp: 8828
Ion Ratio Lower Upper
41 100
69 75.5 39.1 117.3
39 62.8 27.7 83.0





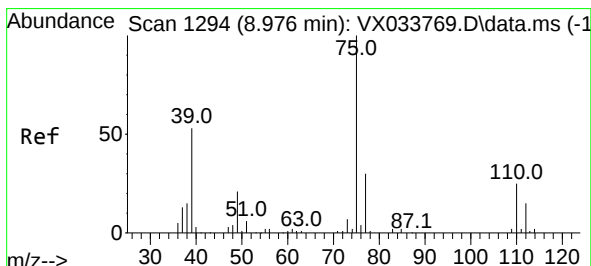
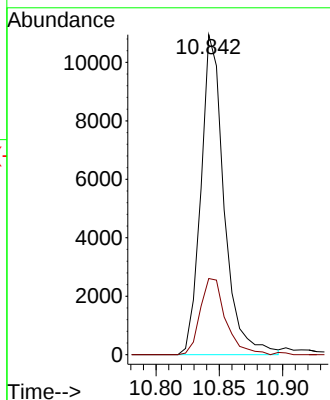
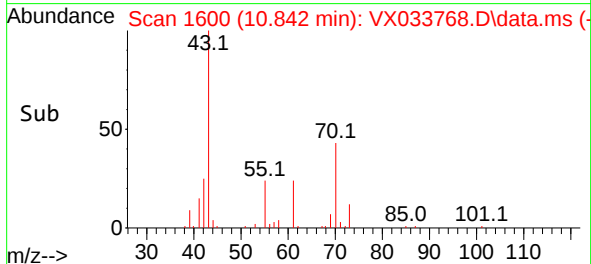
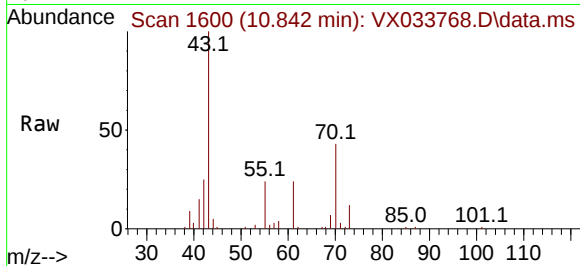
#47
n-amyl acetate
Concen: 4.197 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 1396
Ion Ratio Lower Upper
43 100
55 26.2 19.3 28.9

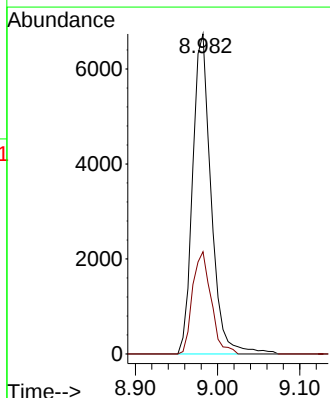
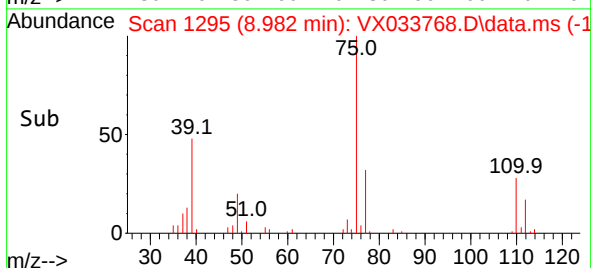
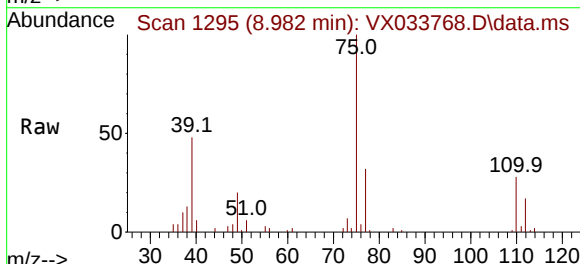
Manual Integrations
APPROVED

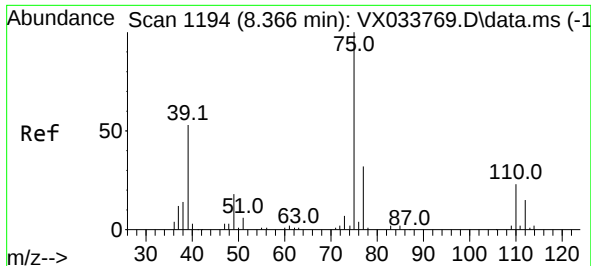
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#48
t-1,3-Dichloropropene
Concen: 4.370 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion: 75 Resp: 10520
Ion Ratio Lower Upper
75 100
77 32.0 26.5 39.7





#49

cis-1,3-Dichloropropene

Concen: 4.563 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 12200

Ion Ratio Lower Upper

75 100

77 29.5 24.7 37.1

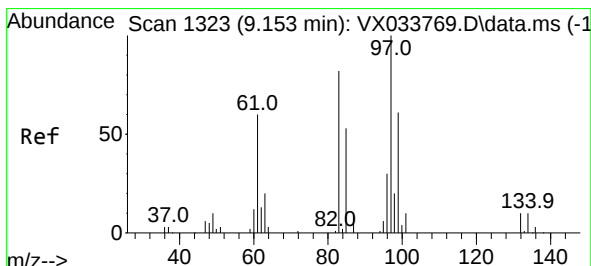
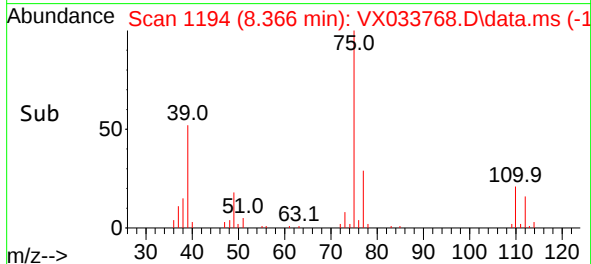
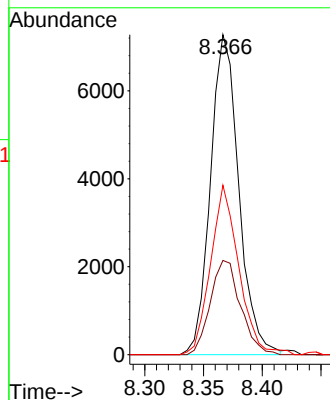
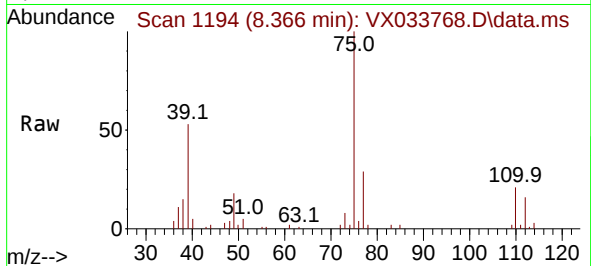
39 52.9 40.7 61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#50

1,1,2-Trichloroethane

Concen: 5.113 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

Tgt Ion: 97 Resp: 9015

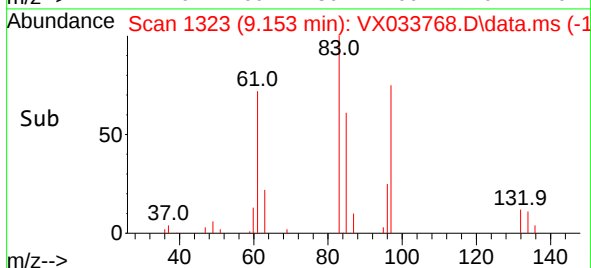
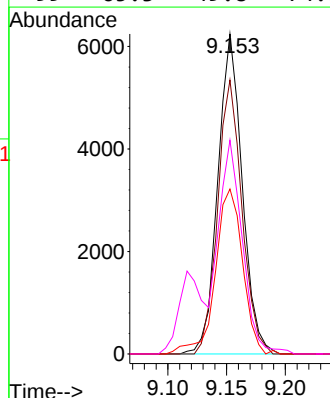
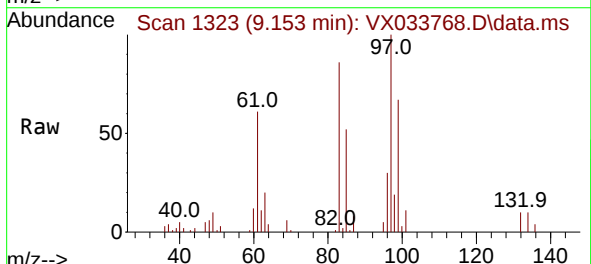
Ion Ratio Lower Upper

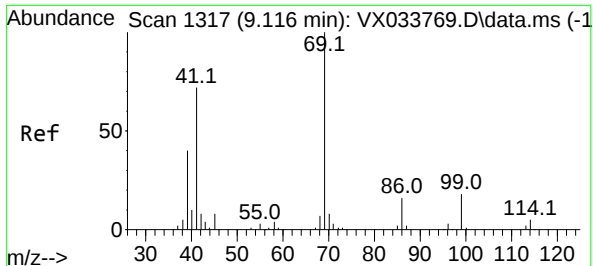
97 100

83 85.6 63.0 94.4

85 51.6 42.8 64.2

99 65.3 49.8 74.8





#51
Ethyl methacrylate
Concen: 4.653 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

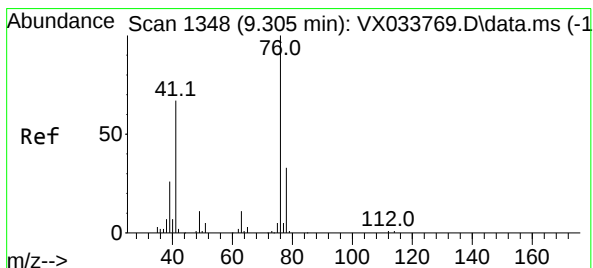
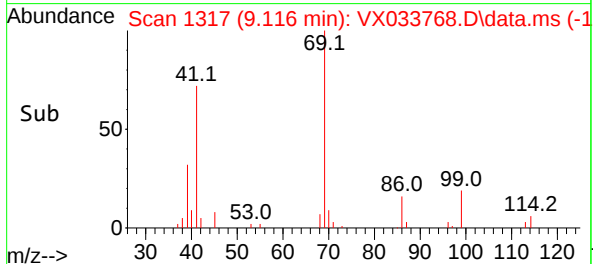
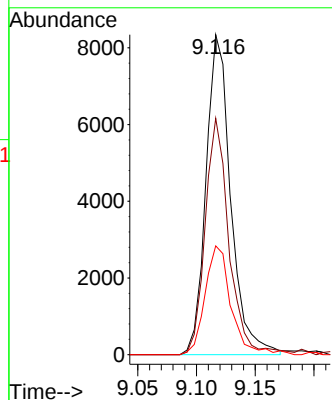
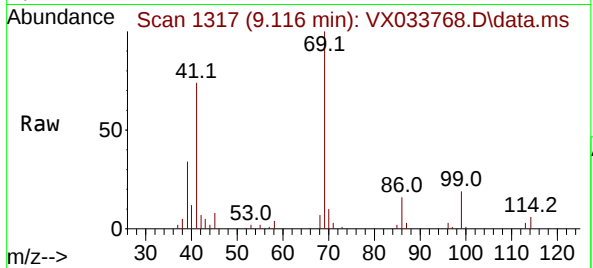
Tgt Ion: 69 Resp: 1223
Ion Ratio Lower Upper
69 100
41 73.8 34.3 102.9
39 34.0 18.3 54.9

Manual Integrations

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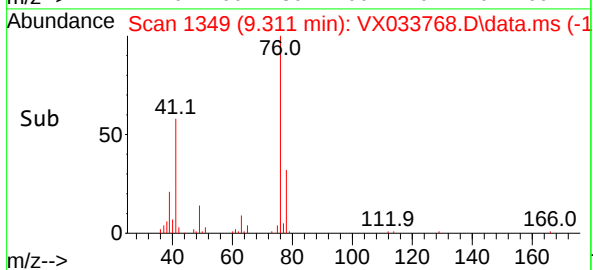
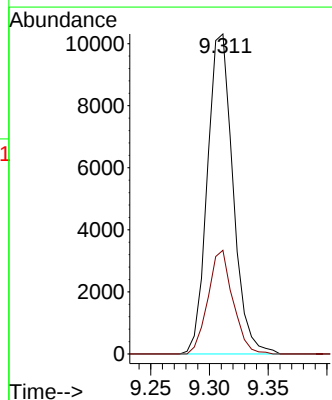
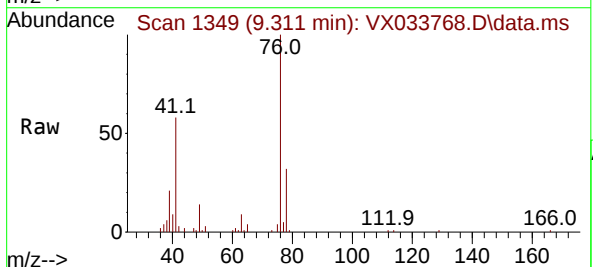
Reviewed By :John Carlone 01/19/2023

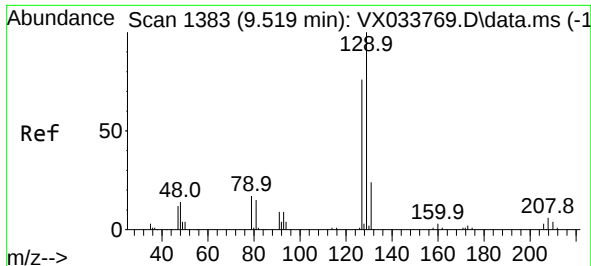
Supervised By :Mahesh Dadoda 01/19/2023



#52
1,3-Dichloropropane
Concen: 5.296 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion: 76 Resp: 15639
Ion Ratio Lower Upper
76 100
78 31.5 0.0 64.6





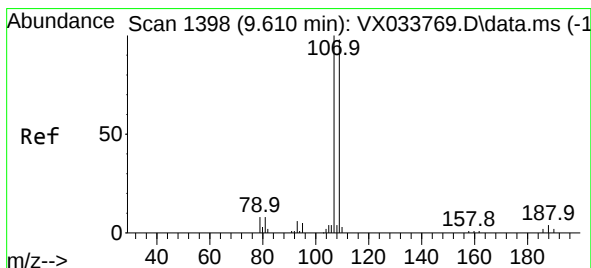
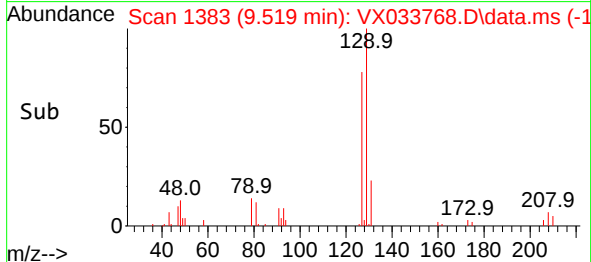
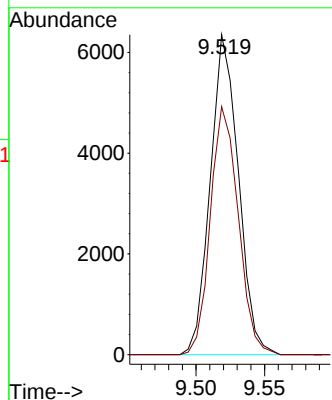
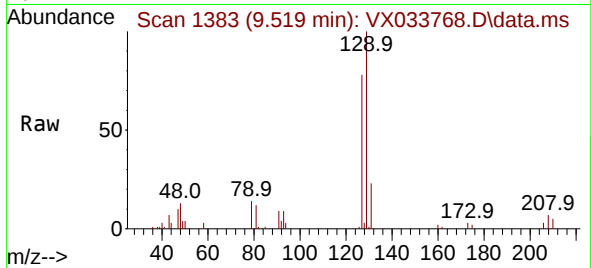
#53
Dibromochloromethane
Concen: 4.721 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:129 Resp: 9072
Ion Ratio Lower Upper
129 100
127 76.7 39.8 119.4

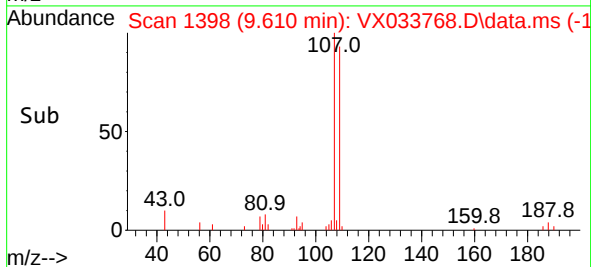
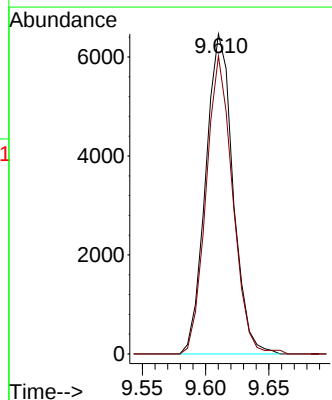
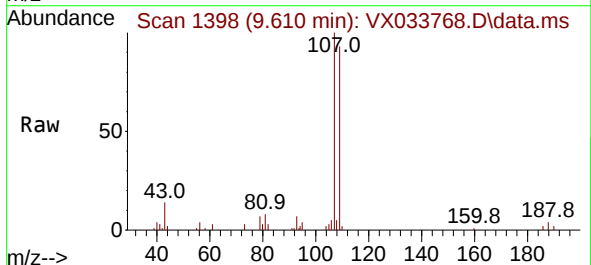
Manual Integrations
APPROVED

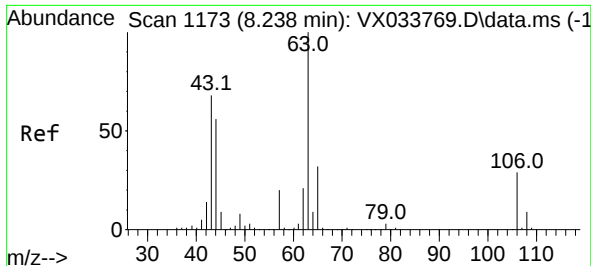
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#54
1,2-Dibromoethane
Concen: 5.170 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion:107 Resp: 9741
Ion Ratio Lower Upper
107 100
109 89.6 76.4 114.6





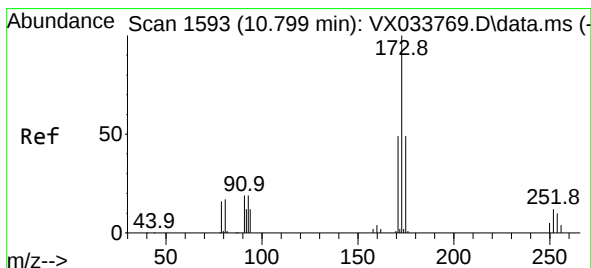
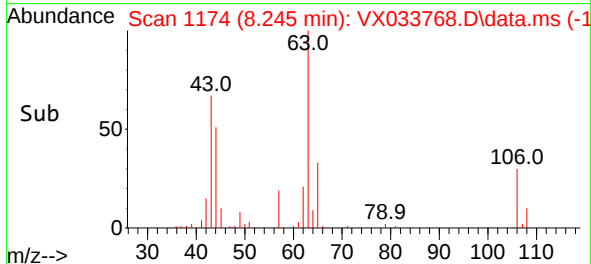
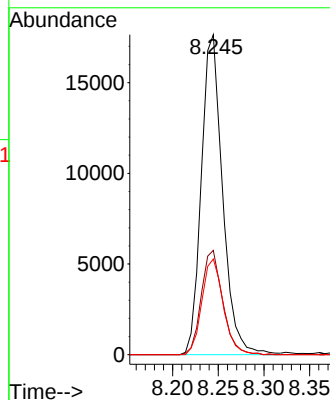
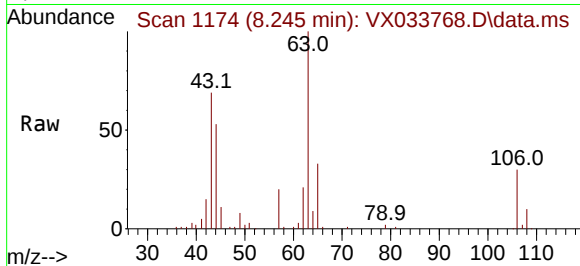
#55
2-Chloroethyl vinyl ether
Concen: 22.468 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 2855
Ion Ratio Lower Upper
63 100
65 32.7 26.2 39.4
106 30.0 24.0 36.0

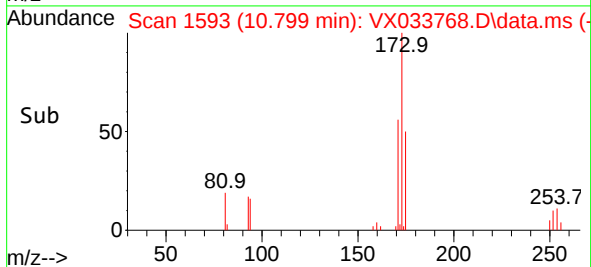
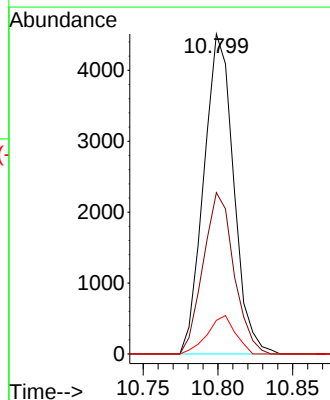
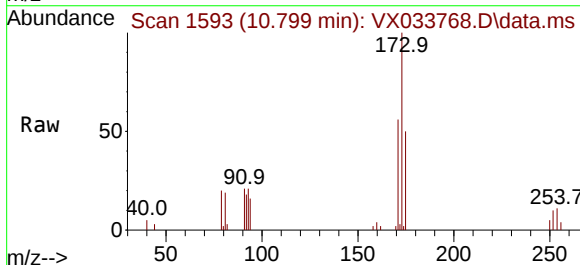
Manual Integrations
APPROVED

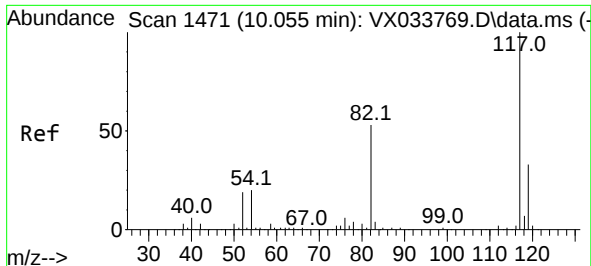
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#56
Bromoform
Concen: 4.242 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion:173 Resp: 6258
Ion Ratio Lower Upper
173 100
175 51.9 38.2 57.4
254 11.3 8.6 13.0





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 117 Resp: 127080

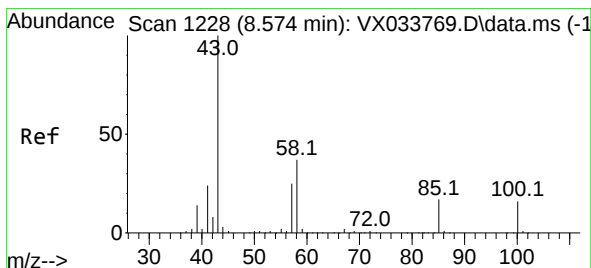
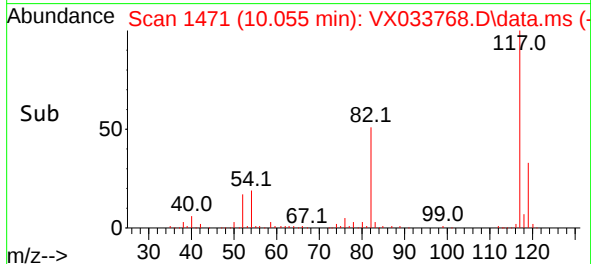
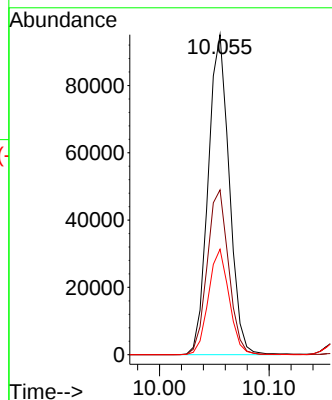
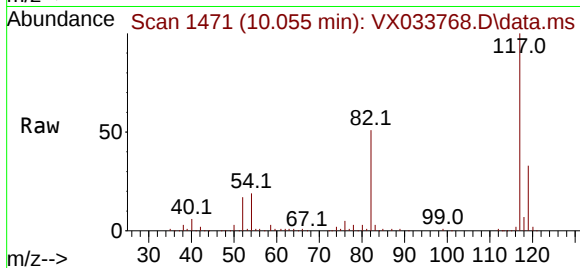
Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.9	62.9
119	32.5	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#58

4-Methyl-2-Pentanone

Concen: 23.613 ug/l

RT: 8.574 min Scan# 1228

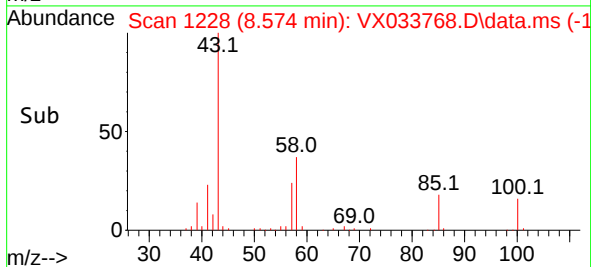
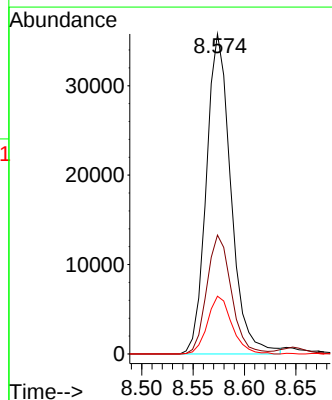
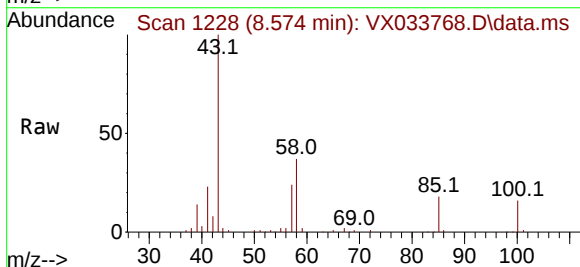
Delta R.T. 0.000 min

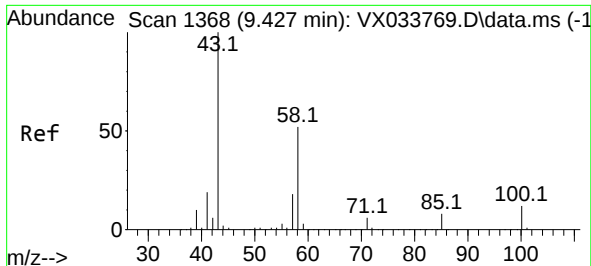
Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

Tgt Ion: 43 Resp: 59609

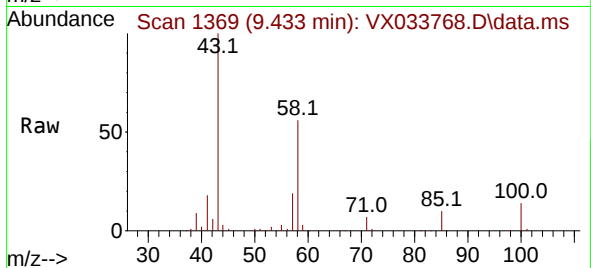
Ion	Ratio	Lower	Upper
43	100		
58	37.1	30.2	45.4
85	17.9	13.8	20.8





#59
2-Hexanone
Concen: 24.338 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

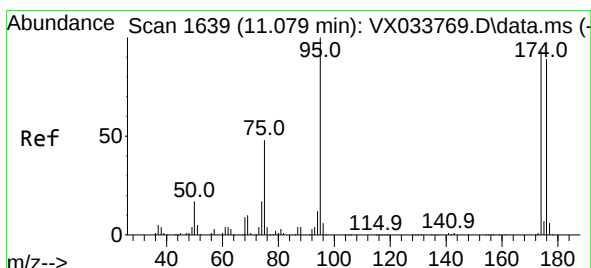
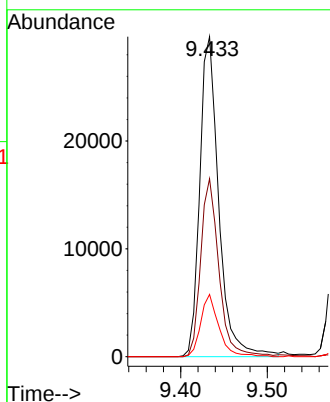
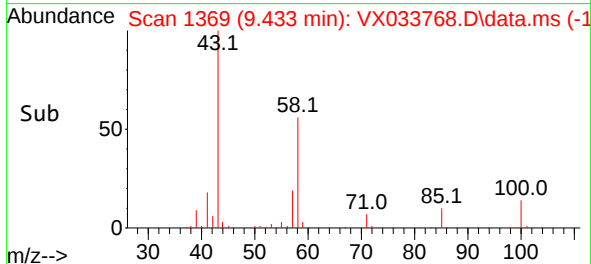
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 45210
Ion Ratio Lower Upper
43 100
58 53.3 42.9 64.3
57 18.3 15.0 22.6

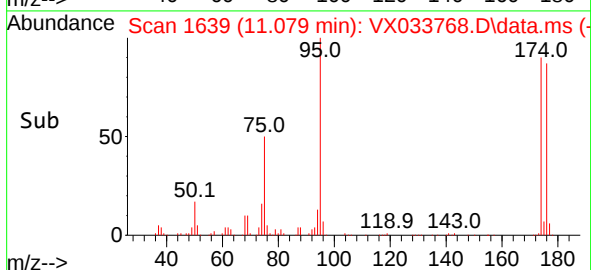
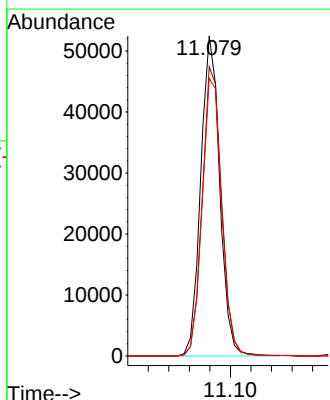
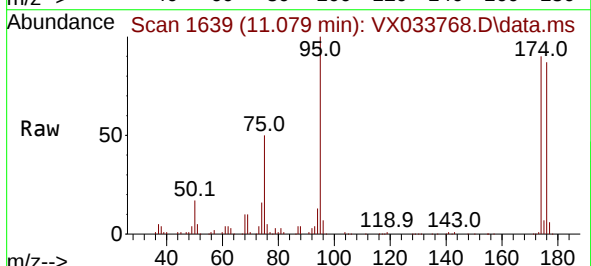
Manual Integrations
APPROVED

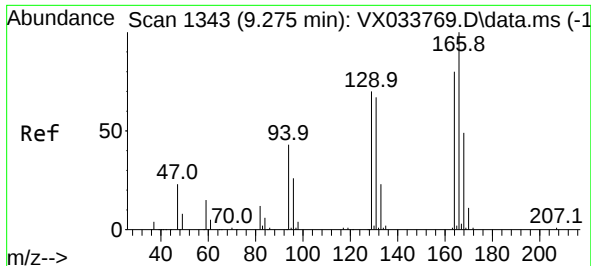
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#60
4-Bromofluorobenzene
Concen: 29.385 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

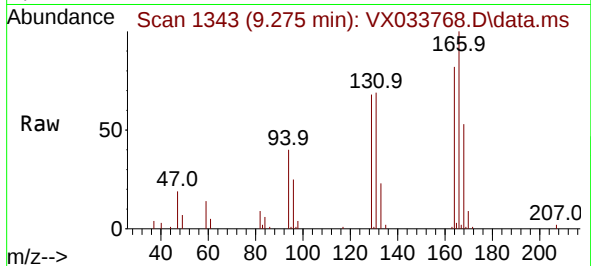
Tgt Ion: 95 Resp: 67304
Ion Ratio Lower Upper
95 100
174 92.3 73.7 110.5
176 89.6 71.0 106.4





#61
Tetrachloroethene
Concen: 4.997 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

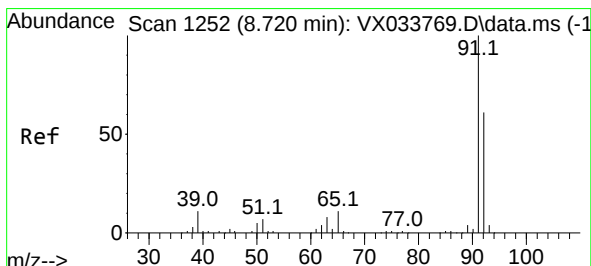
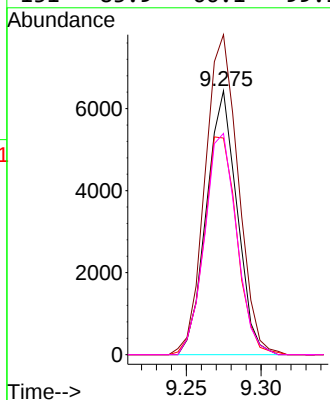
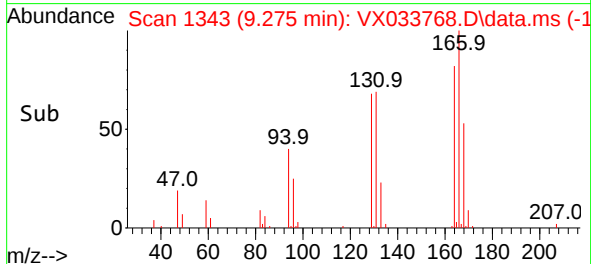
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:164 Resp: 916
Ion Ratio Lower Upper
164 100
166 120.0 100.2 150.4
129 81.3 68.8 103.2
131 83.9 66.1 99.1

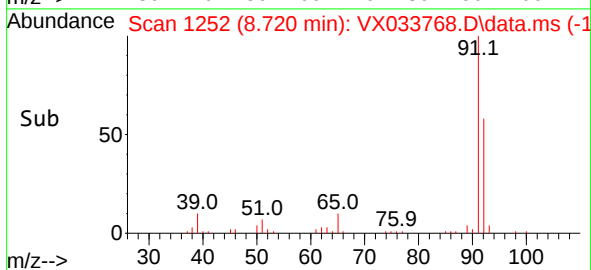
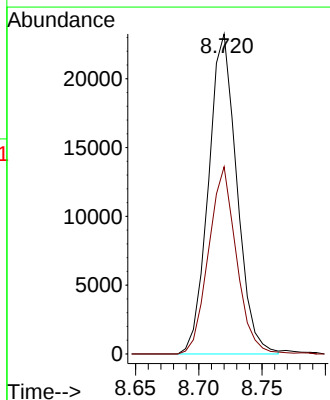
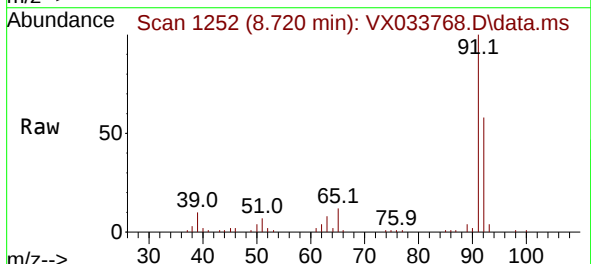
Manual Integrations
APPROVED

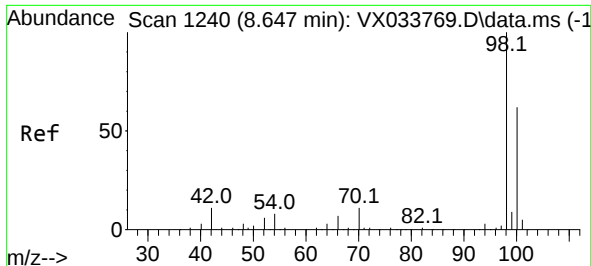
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#62
Toluene
Concen: 4.530 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

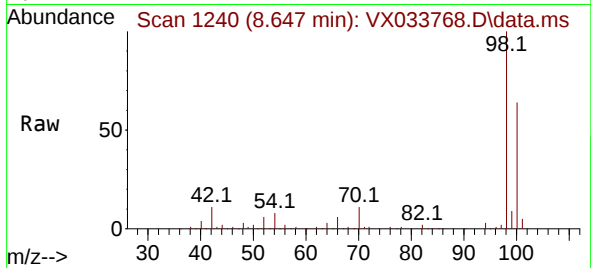
Tgt Ion: 91 Resp: 36237
Ion Ratio Lower Upper
91 100
92 57.4 45.8 68.8





#63
Toluene-d8
Concen: 29.498 ug/l
RT: 8.647 min Scan# 11997
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

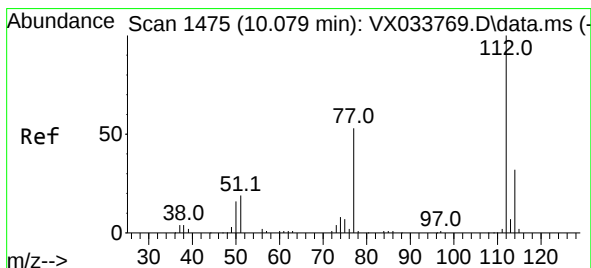
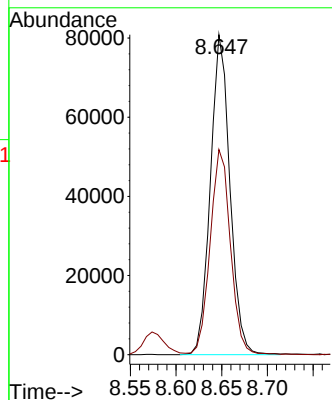
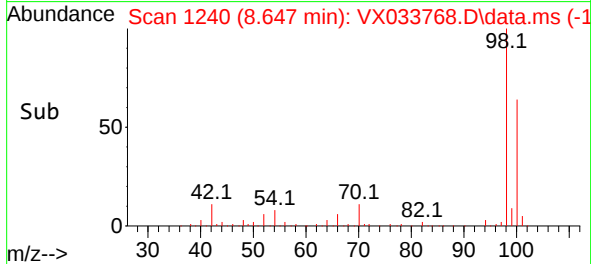
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 98 Resp: 11997
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7

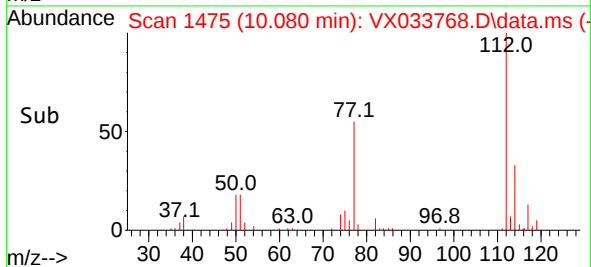
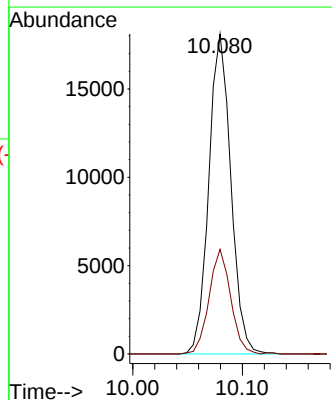
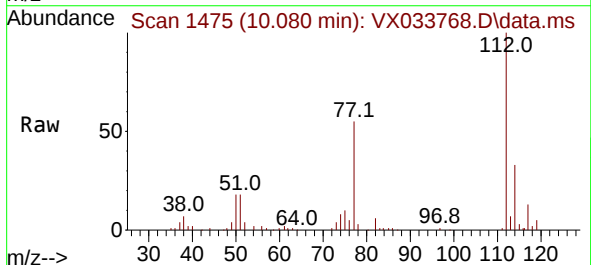
Manual Integrations
APPROVED

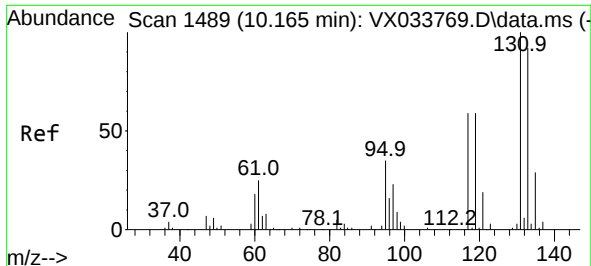
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#64
Chlorobenzene
Concen: 4.912 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion:112 Resp: 25309
Ion Ratio Lower Upper
112 100
114 32.7 25.6 38.4





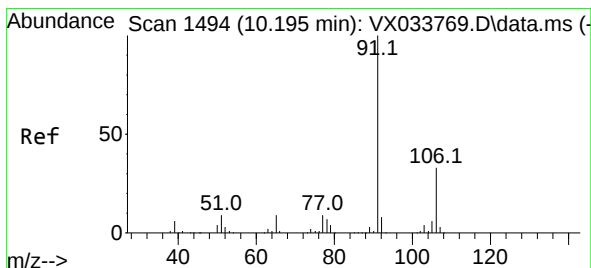
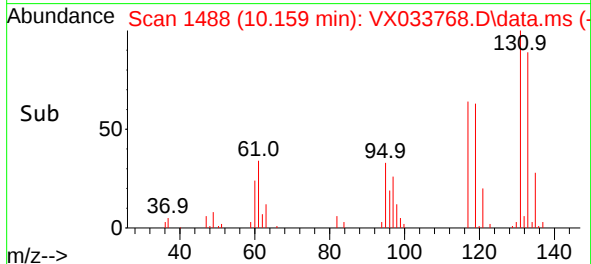
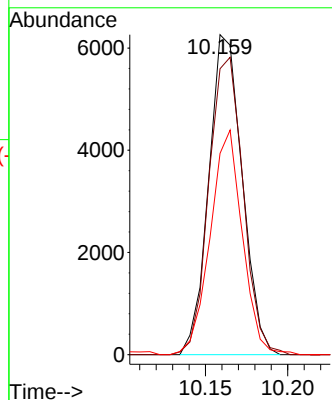
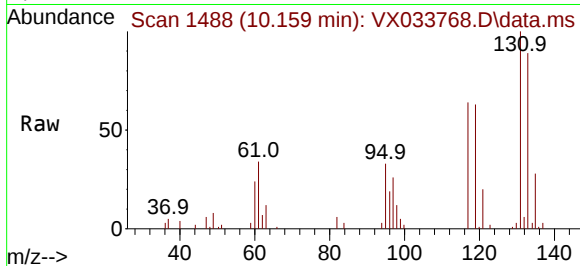
#65
 1,1,1,2-Tetrachloroethane
 Concen: 4.573 ug/l
 RT: 10.159 min Scan# 1488
 Delta R.T. -0.006 min
 Lab File: VX033768.D
 Acq: 18 Jan 2023 12:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:131 Resp: 886
 Ion Ratio Lower Upper
 131 100
 133 94.9 0.0 187.6
 119 67.4 0.0 124.0

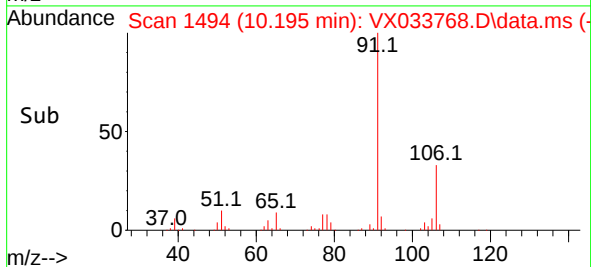
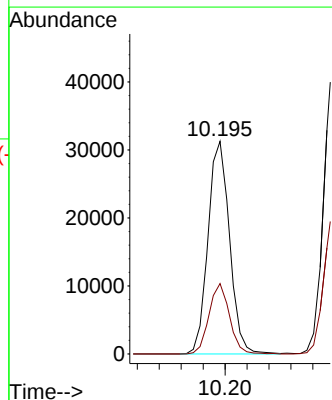
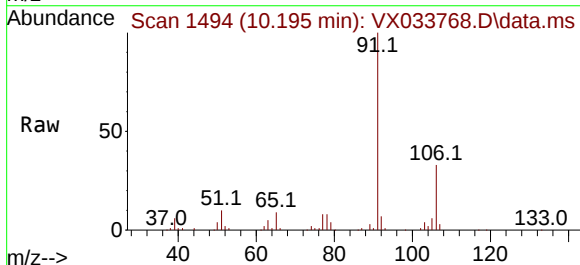
Manual Integrations
 APPROVED

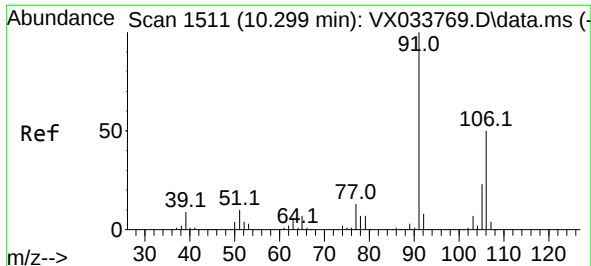
Reviewed By :John Carlone 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023



#66
 Ethyl Benzene
 Concen: 4.784 ug/l
 RT: 10.195 min Scan# 1494
 Delta R.T. 0.000 min
 Lab File: VX033768.D
 Acq: 18 Jan 2023 12:38

Tgt Ion: 91 Resp: 42677
 Ion Ratio Lower Upper
 91 100
 106 33.1 25.2 37.8





#67

m/p-Xylenes

Concen: 9.523 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion:106 Resp: 3353

Ion Ratio Lower Upper

106 100

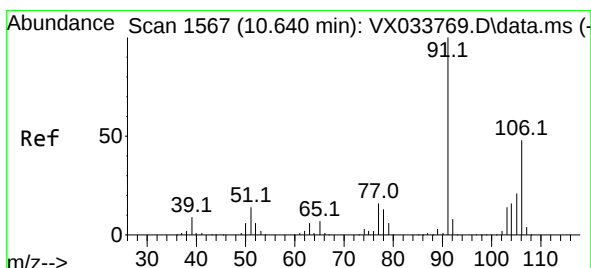
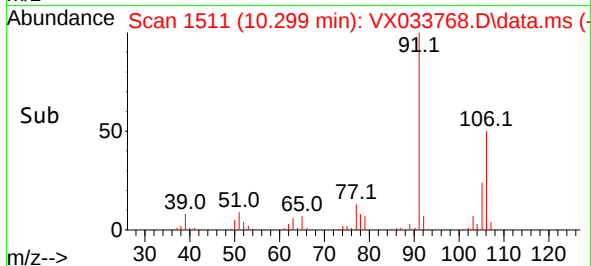
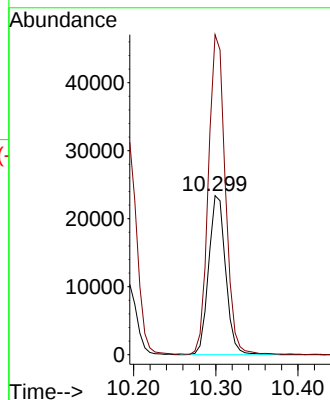
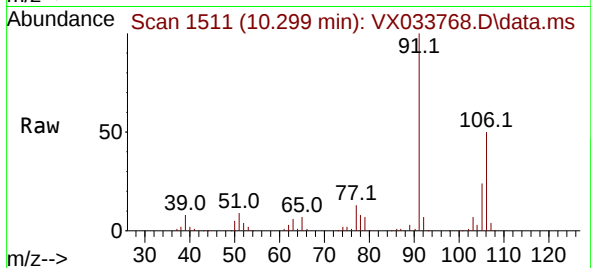
91 200.1 157.3 235.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#68

o-Xylene

Concen: 4.915 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX033768.D

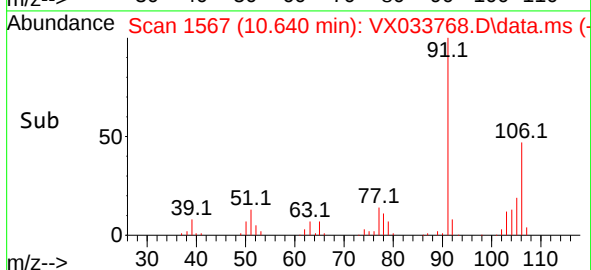
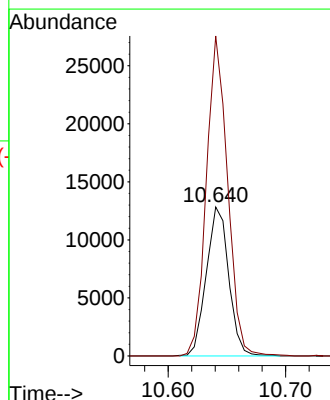
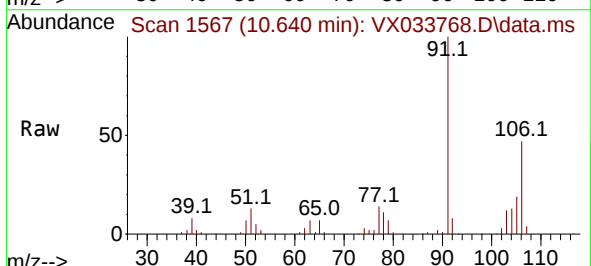
Acq: 18 Jan 2023 12:38

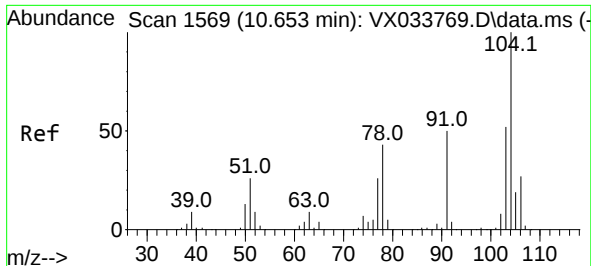
Tgt Ion:106 Resp: 17010

Ion Ratio Lower Upper

106 100

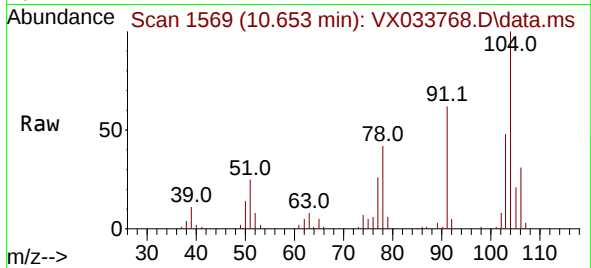
91 203.3 104.6 313.8





#69
Styrene
Concen: 4.681 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

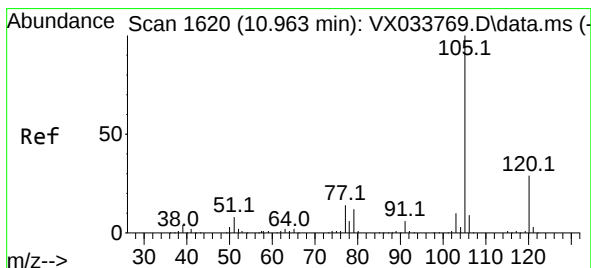
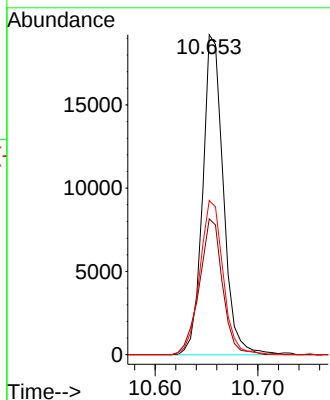
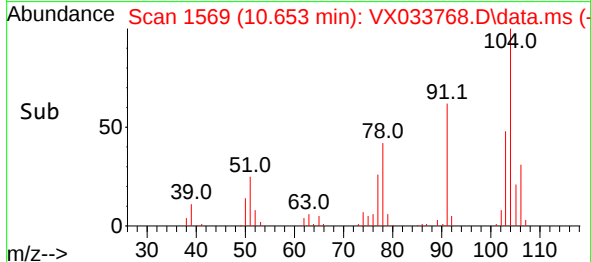
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



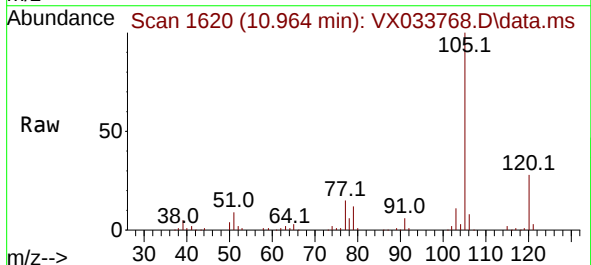
Tgt Ion:104 Resp: 26814
Ion Ratio Lower Upper
104 100
78 47.2 39.3 58.9
103 54.4 43.2 64.8

Manual Integrations
APPROVED

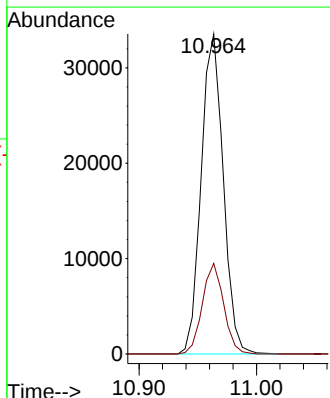
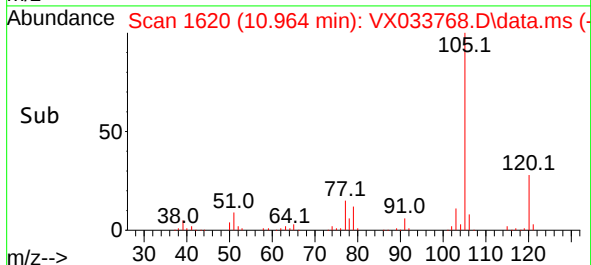
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

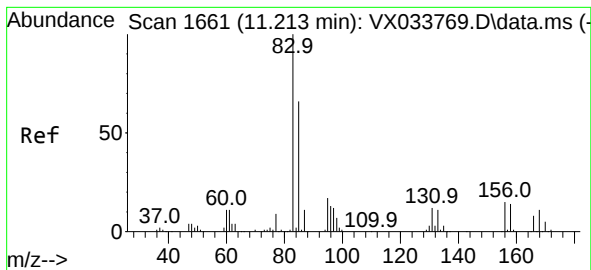


#70
Isopropylbenzene
Concen: 4.888 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38



Tgt Ion:105 Resp: 43810
Ion Ratio Lower Upper
105 100
120 27.3 18.7 34.7





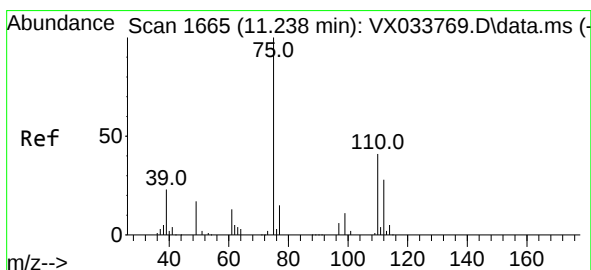
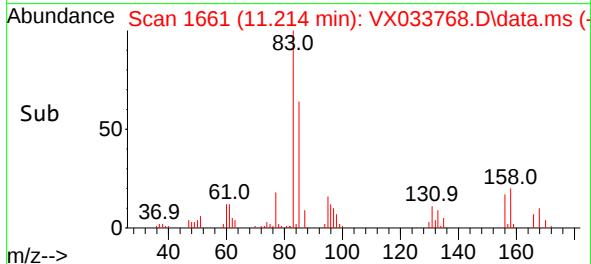
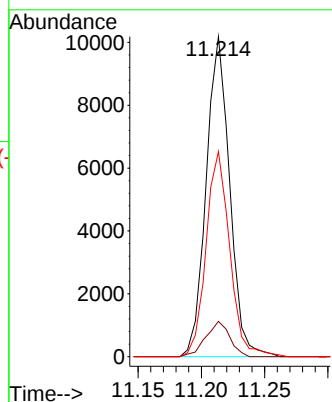
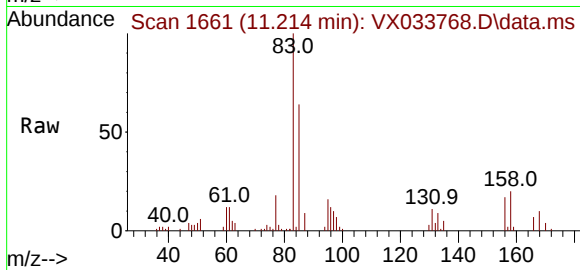
#71
1,1,2,2-Tetrachloroethane
Concen: 4.887 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 13189
Ion Ratio Lower Upper
83 100
131 11.2 5.4 16.2
85 64.6 32.4 97.0

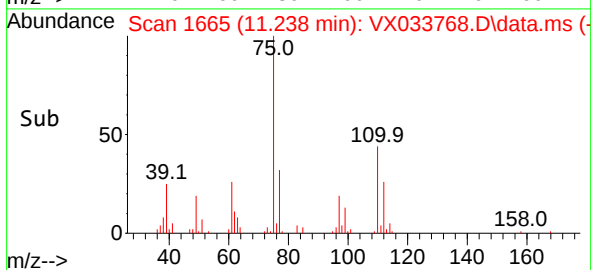
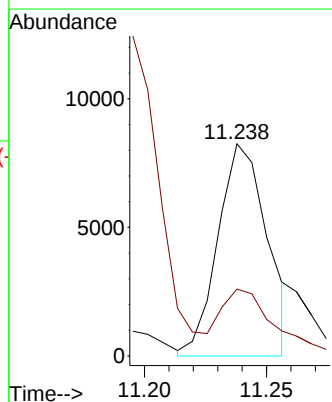
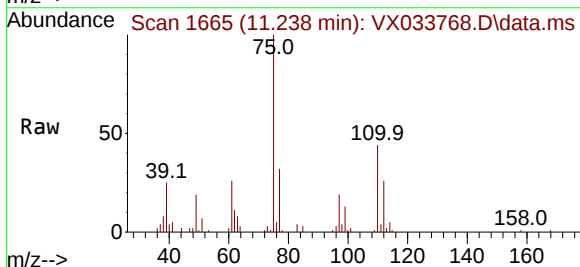
Manual Integrations
APPROVED

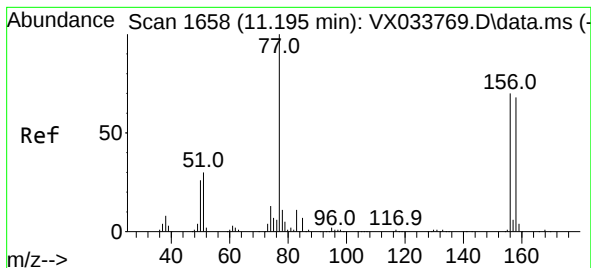
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#72
1,2,3-Trichloropropane
Concen: 4.730 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion: 75 Resp: 11564
Ion Ratio Lower Upper
75 100
77 34.5 0.0 74.6





#73

Bromobenzene

Concen: 4.981 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

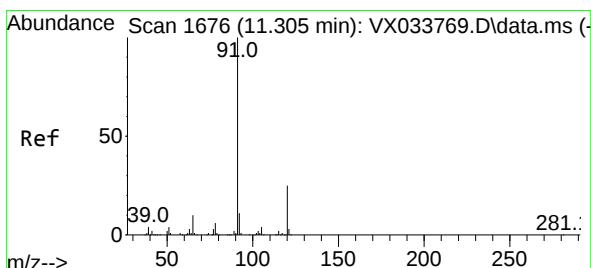
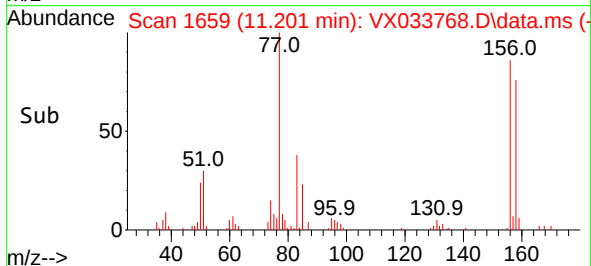
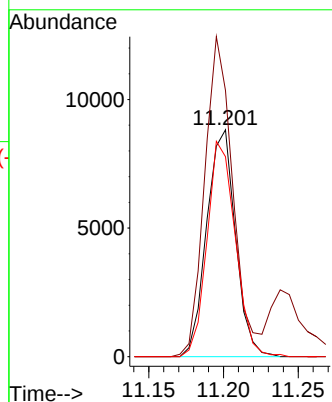
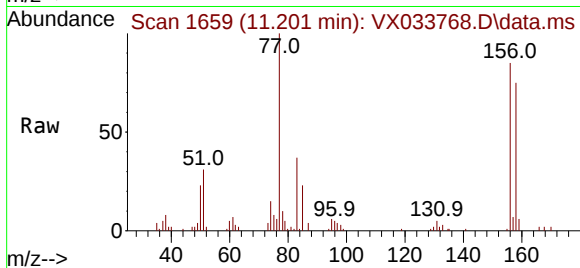
Tgt Ion:	156	Resp:	1181
Ion Ratio	Lower	Upper	
156	100		
77	138.0	0.0	287.2
158	93.3	0.0	196.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#74

n-propylbenzene

Concen: 4.745 ug/l

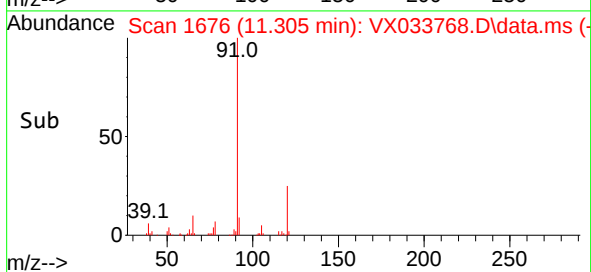
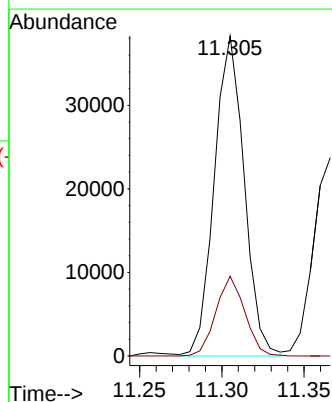
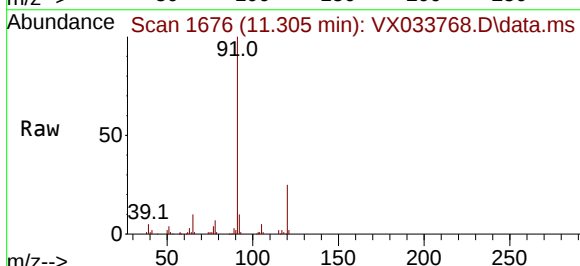
RT: 11.305 min Scan# 1676

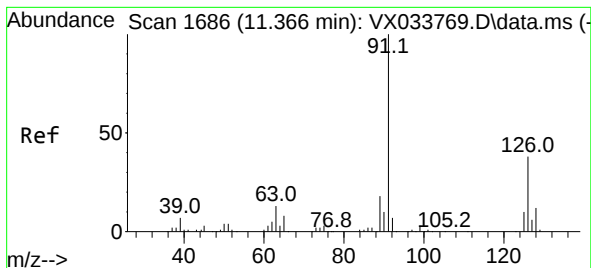
Delta R.T. 0.000 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

Tgt Ion:	91	Resp:	48287
Ion Ratio	Lower	Upper	
91	100		
120	24.0	0.0	48.8





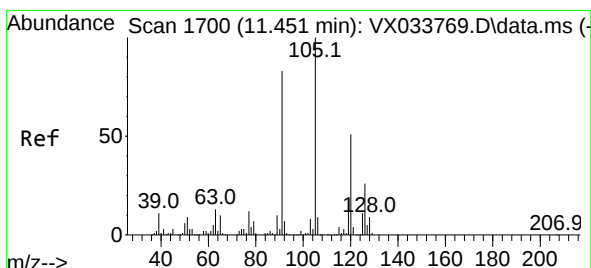
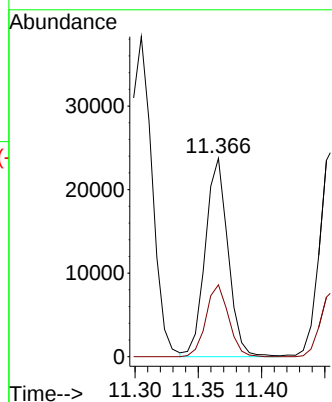
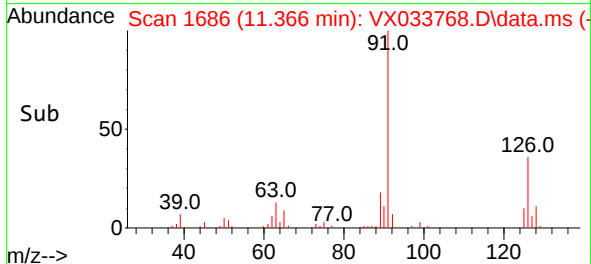
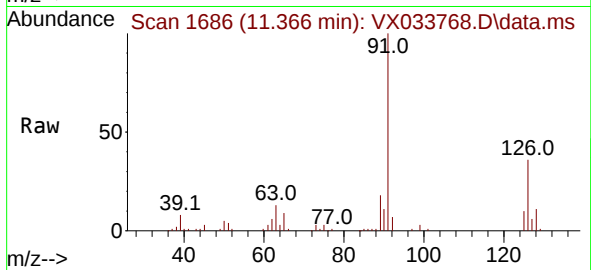
#75
2-Chlorotoluene
Concen: 4.904 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 29848
Ion Ratio Lower Upper
91 100
126 35.8 0.0 72.0

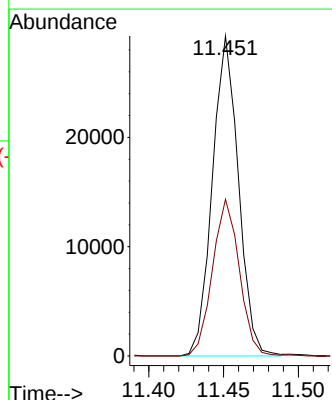
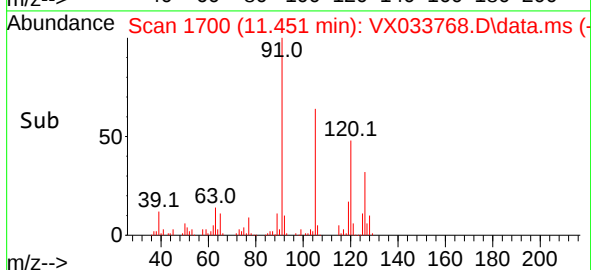
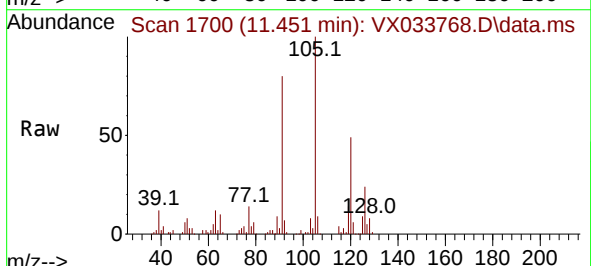
Manual Integrations
APPROVED

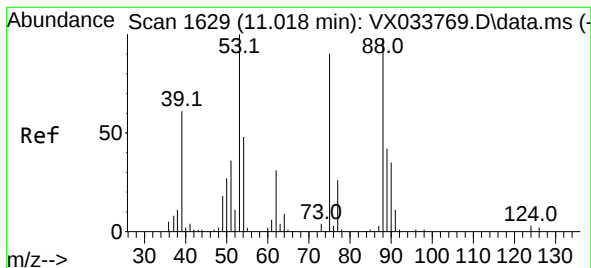
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#76
1,3,5-Trimethylbenzene
Concen: 4.766 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

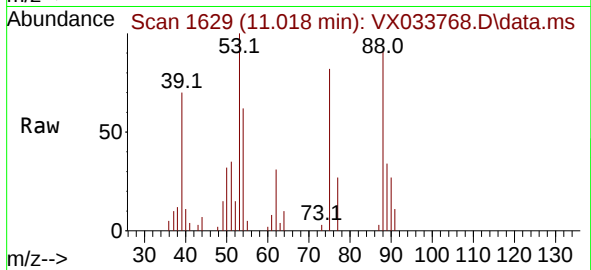
Tgt Ion:105 Resp: 35466
Ion Ratio Lower Upper
105 100
120 50.6 0.0 100.4





#77
t-1,4-Dichloro-2-butene
Concen: 3.678 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

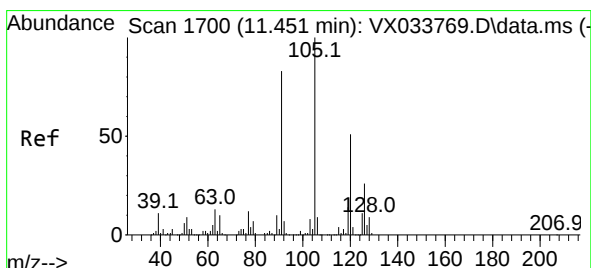
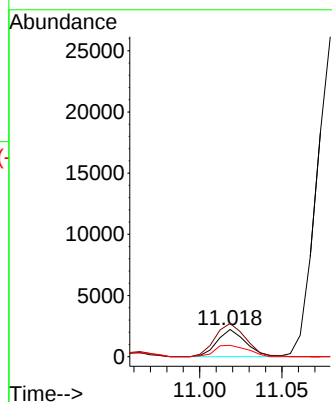
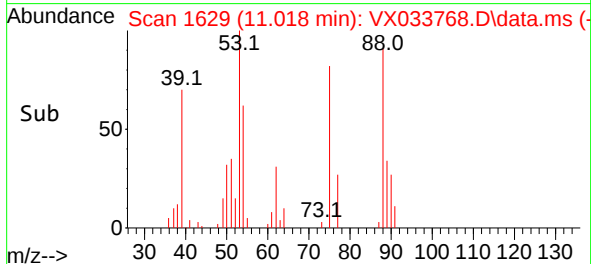
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 75 Resp: 2690
Ion Ratio Lower Upper
75 100
53 122.3 60.2 180.6
89 41.4 23.2 69.6

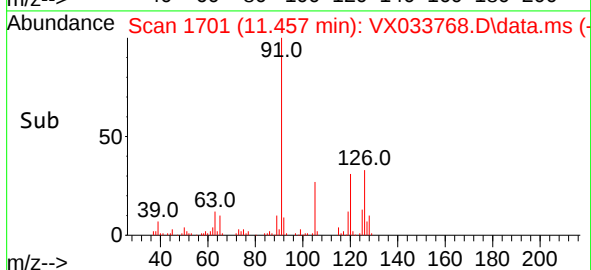
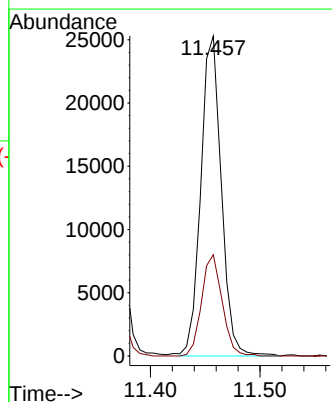
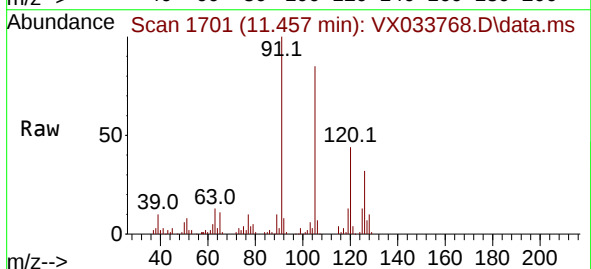
Manual Integrations
APPROVED

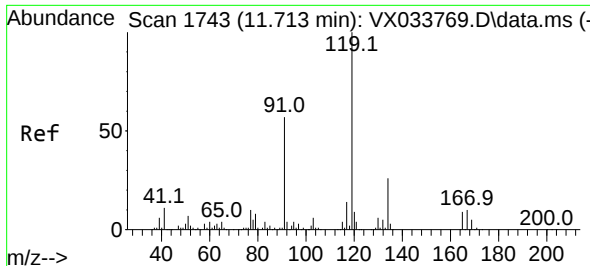
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#78
4-Chlorotoluene
Concen: 4.822 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

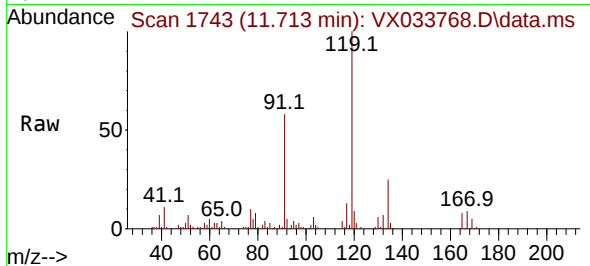
Tgt Ion: 91 Resp: 32915
Ion Ratio Lower Upper
91 100
126 31.7 0.0 63.6





#79
tert-butylbenzene
Concen: 4.766 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

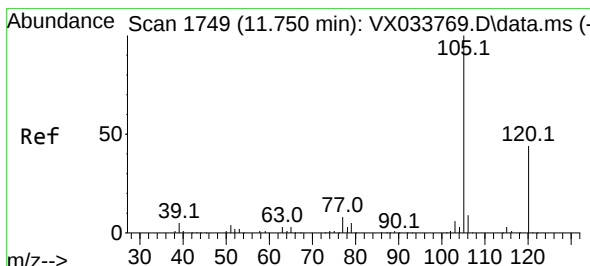
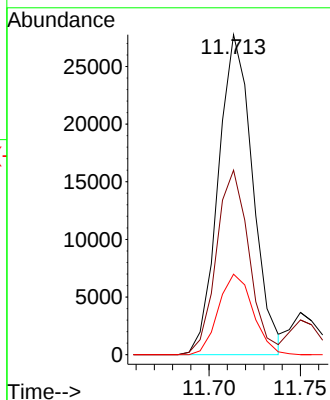
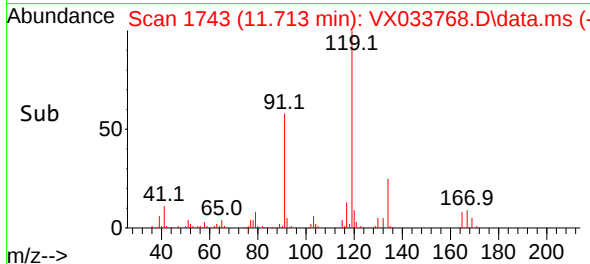
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



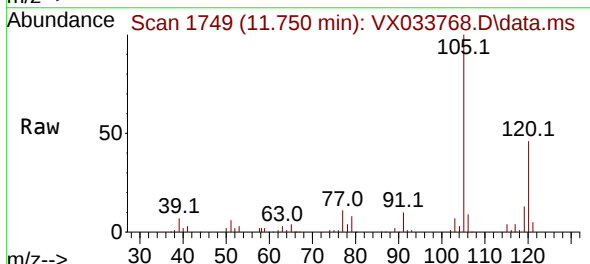
Tgt Ion:119 Resp: 36370
Ion Ratio Lower Upper
119 100
91 55.2 0.0 111.0
134 25.2 0.0 49.2

Manual Integrations
APPROVED

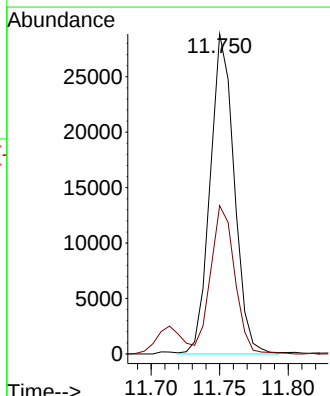
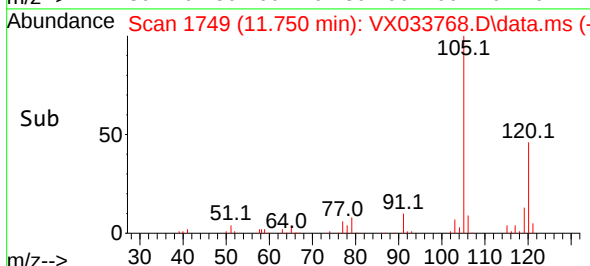
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

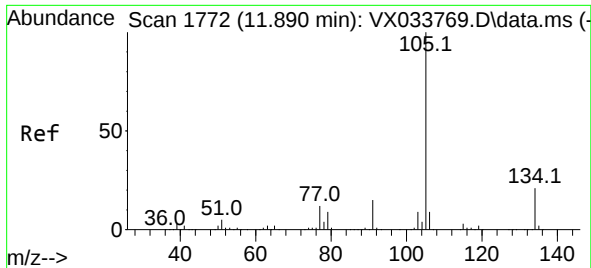


#80
1,2,4-Trimethylbenzene
Concen: 4.793 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38



Tgt Ion:105 Resp: 35237
Ion Ratio Lower Upper
105 100
120 44.7 0.0 91.2





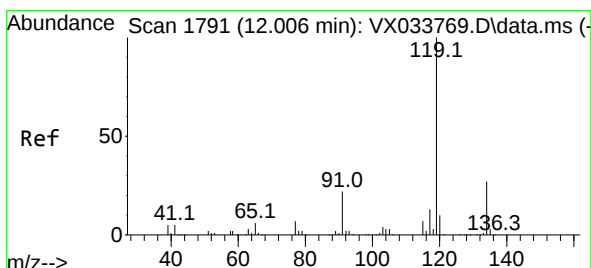
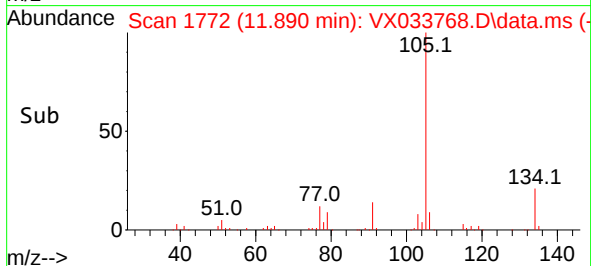
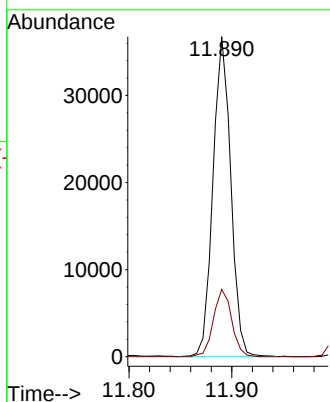
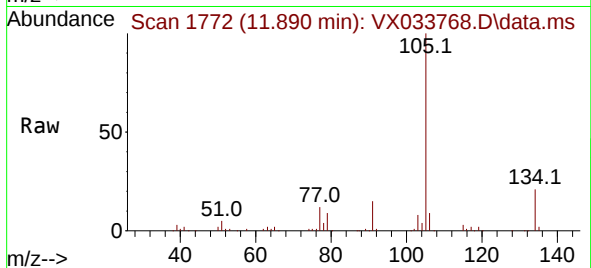
#81
 sec-Butylbenzene
 Concen: 4.777 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033768.D
 Acq: 18 Jan 2023 12:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 44115
 Ion Ratio Lower Upper
 105 100
 134 21.6 0.0 43.2

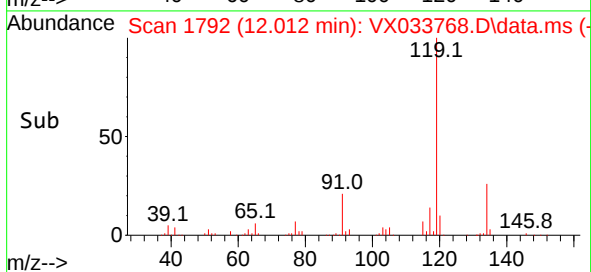
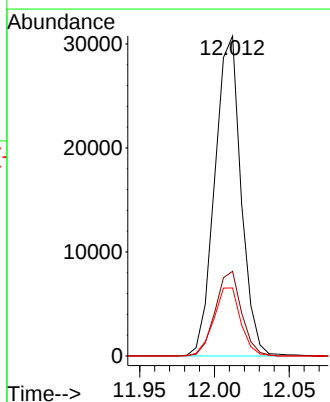
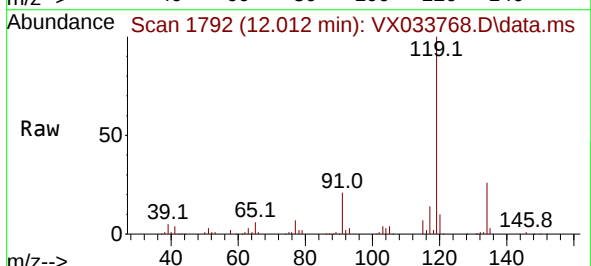
Manual Integrations
 APPROVED

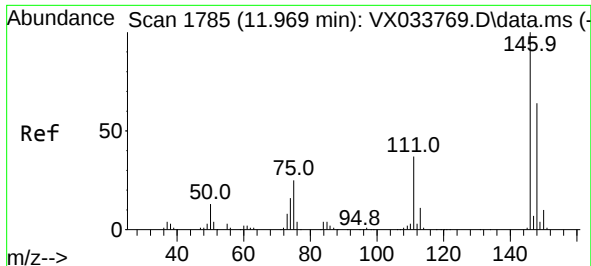
Reviewed By :John Carlone 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023



#82
 p-Isopropyltoluene
 Concen: 4.723 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX033768.D
 Acq: 18 Jan 2023 12:38

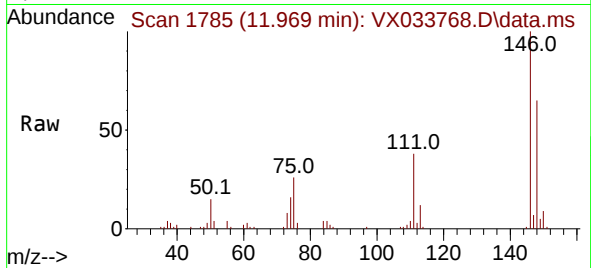
Tgt Ion:119 Resp: 37616
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 54.4
 91 21.9 0.0 45.2





#83
1,3-Dichlorobenzene
Concen: 4.850 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

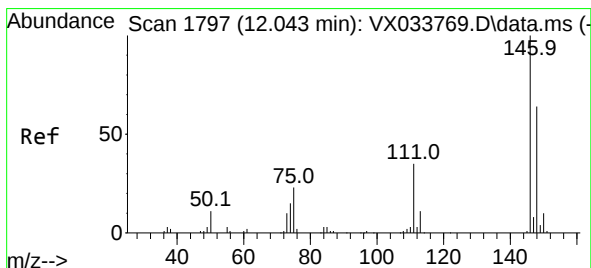
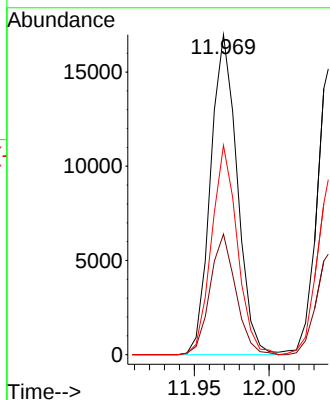
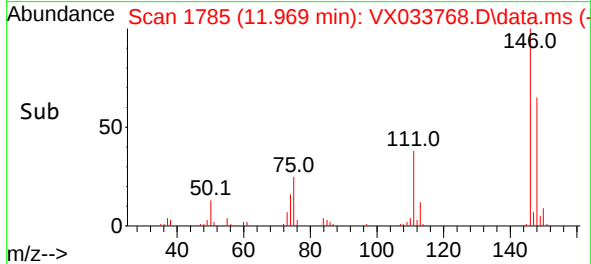
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



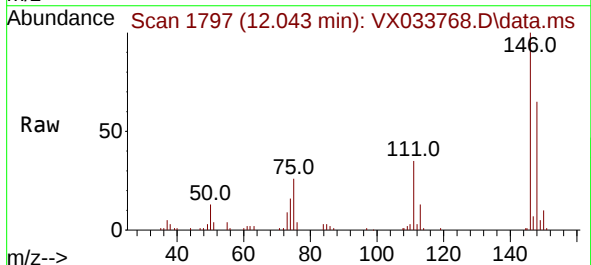
Tgt Ion:146 Resp: 21002
Ion Ratio Lower Upper
146 100
111 36.5 18.8 56.3
148 63.1 31.7 95.1

Manual Integrations
APPROVED

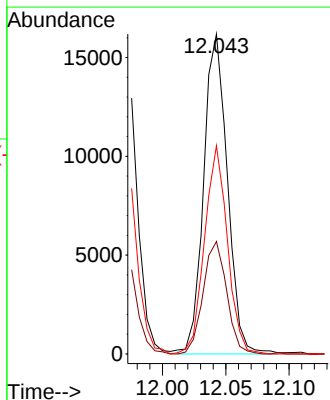
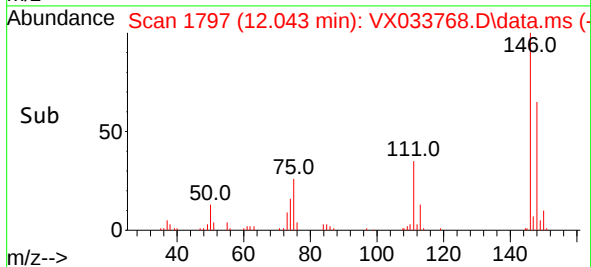
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

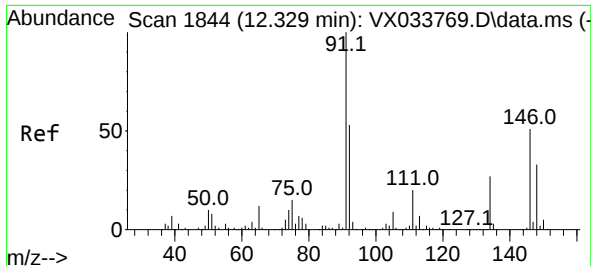


#84
1,4-Dichlorobenzene
Concen: 4.886 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38



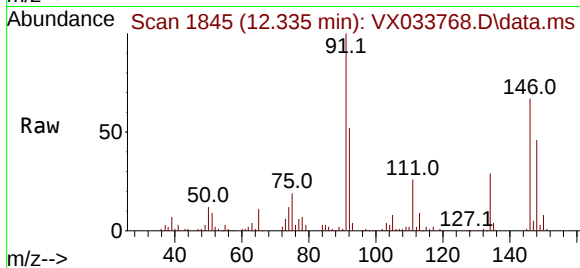
Tgt Ion:146 Resp: 21095
Ion Ratio Lower Upper
146 100
111 34.9 18.3 54.9
148 62.9 31.9 95.7





#85
n-Butylbenzene
Concen: 4.530 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

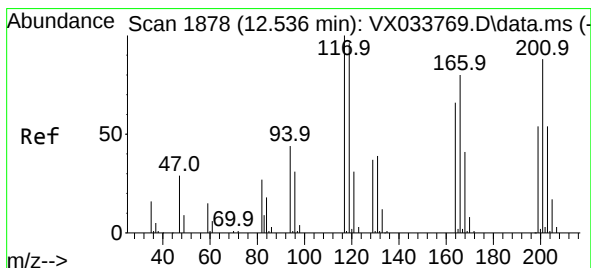
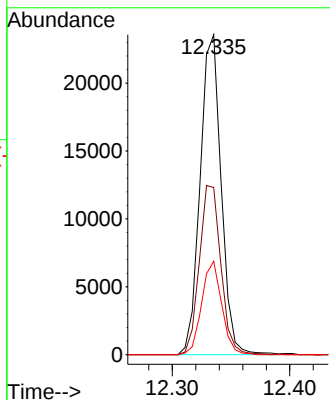
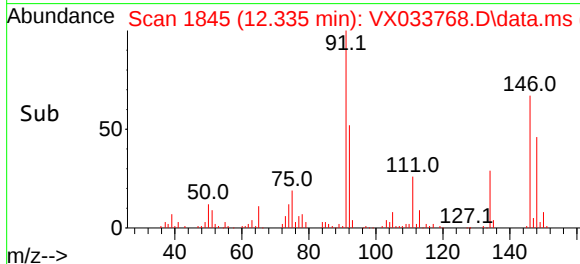
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 29329
Ion Ratio Lower Upper
91 100
92 54.0 0.0 108.2
134 27.8 0.0 55.4

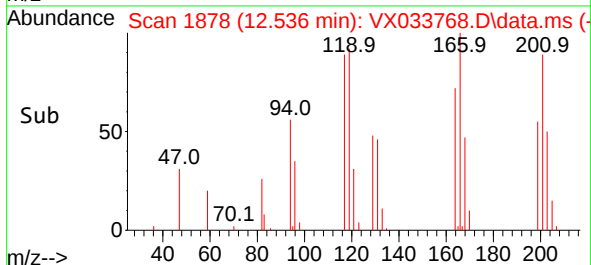
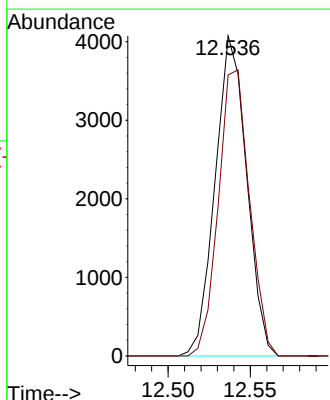
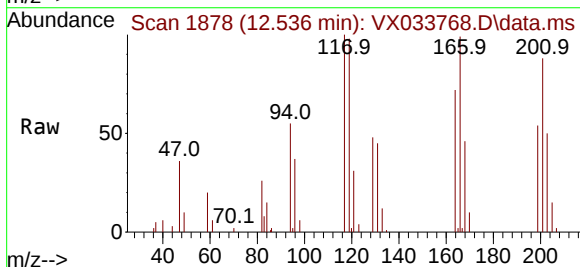
Manual Integrations
APPROVED

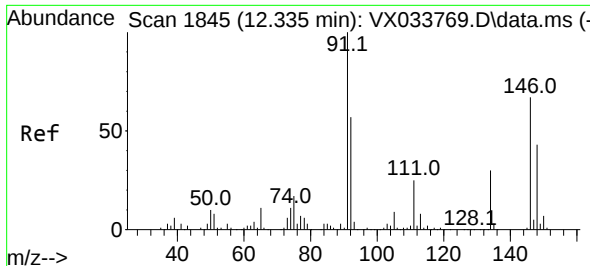
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#86
Hexachloroethane
Concen: 4.191 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

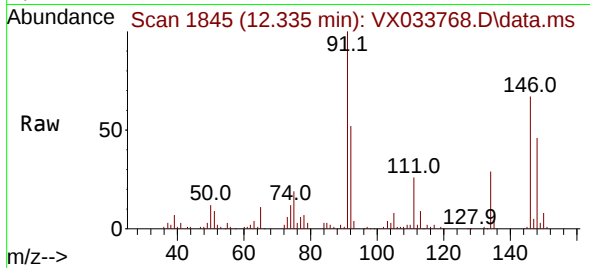
Tgt Ion:117 Resp: 5430
Ion Ratio Lower Upper
117 100
201 88.4 45.0 135.0





#87
1,2-Dichlorobenzene
Concen: 4.804 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

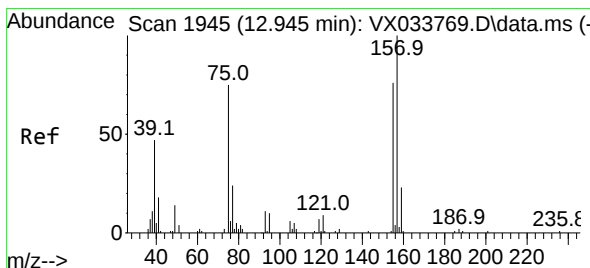
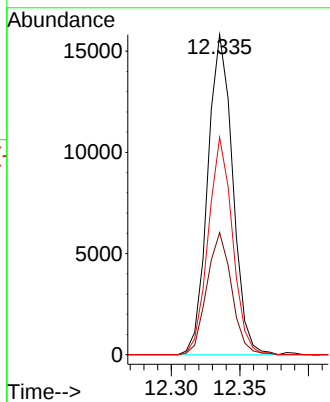
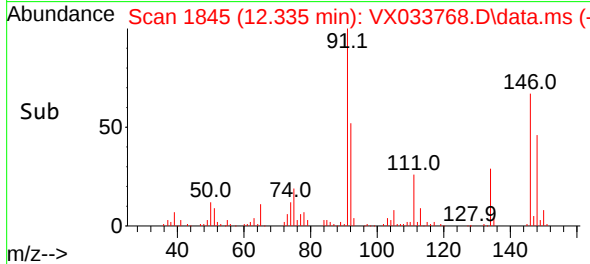
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



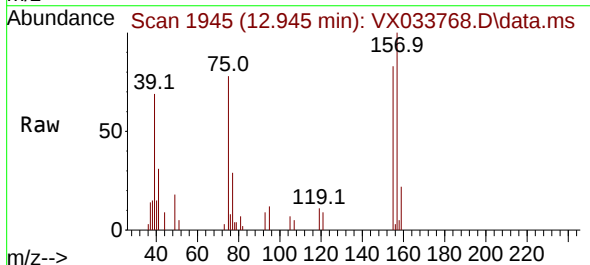
Tgt Ion:146 Resp: 20039
Ion Ratio Lower Upper
146 100
111 37.9 19.7 59.0
148 66.1 31.9 95.9

Manual Integrations
APPROVED

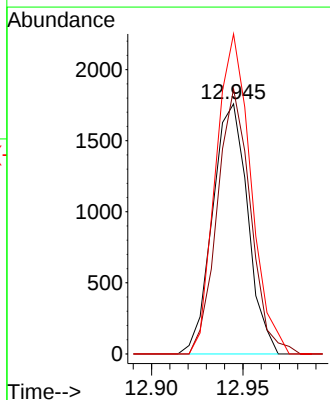
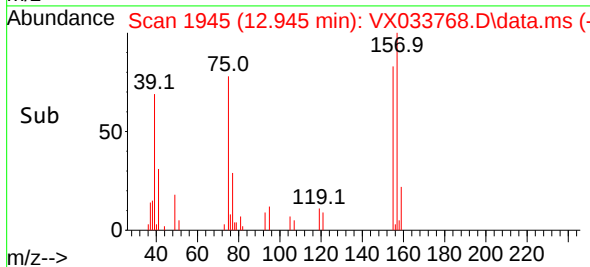
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

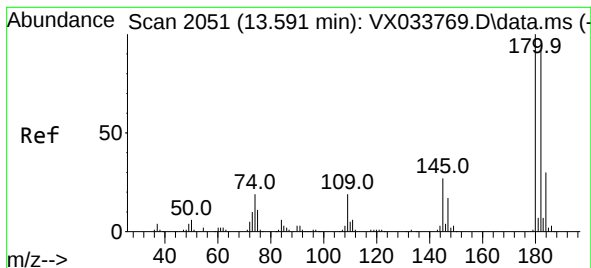


#88
1,2-Dibromo-3-Chloropropane
Concen: 4.210 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38



Tgt Ion: 75 Resp: 2359
Ion Ratio Lower Upper
75 100
155 100.3 77.6 116.4
157 127.2 98.0 147.0





#89

1,2,4-Trichlorobenzene

Concen: 4.485 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

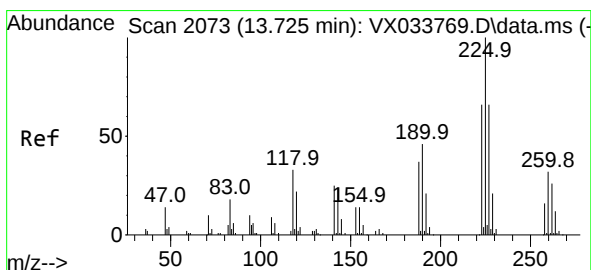
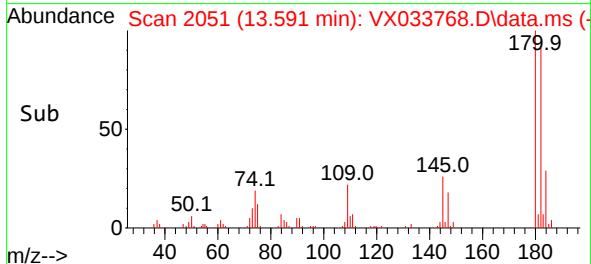
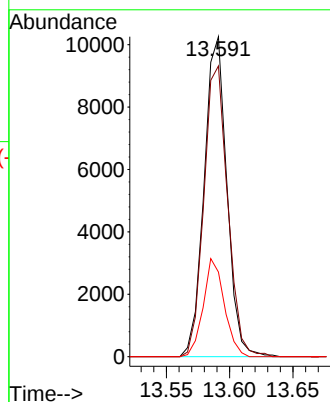
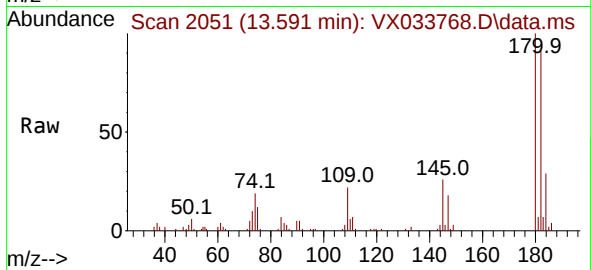
Tgt Ion:	180	Resp:	1286
Ion Ratio	Lower	Upper	
180	100		
182	94.6	76.7	115.1
145	28.4	21.8	32.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#90

Hexachlorobutadiene

Concen: 4.664 ug/l

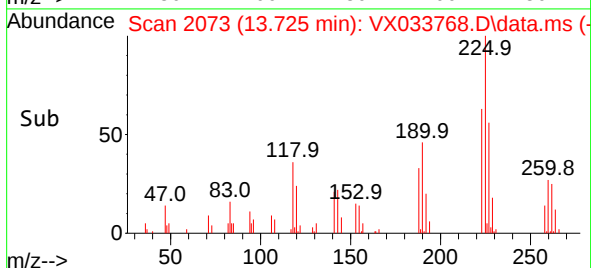
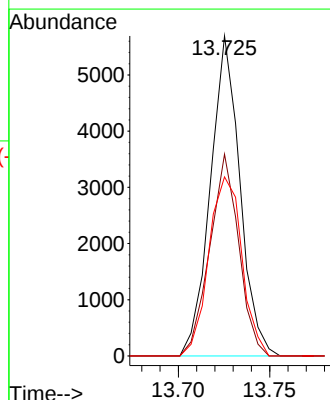
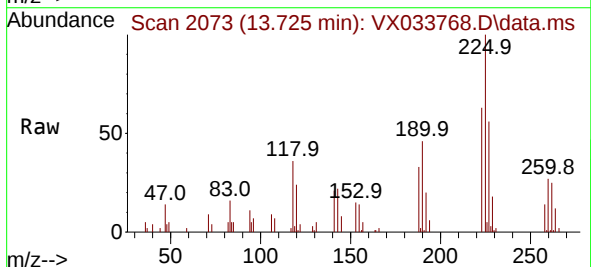
RT: 13.725 min Scan# 2073

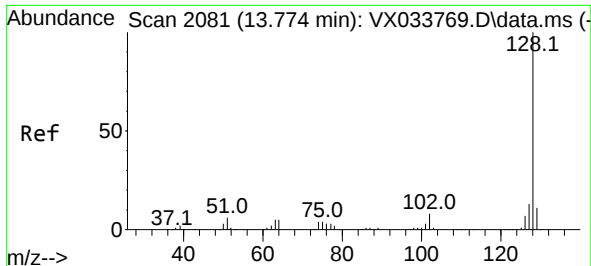
Delta R.T. 0.000 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

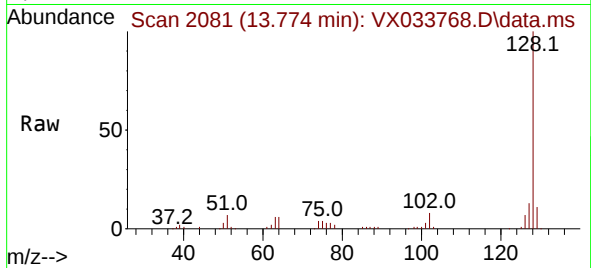
Tgt Ion:	225	Resp:	6416
Ion Ratio	Lower	Upper	
225	100		
223	61.7	0.0	127.0
227	62.5	0.0	123.0





#91
Naphthalene
Concen: 4.459 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

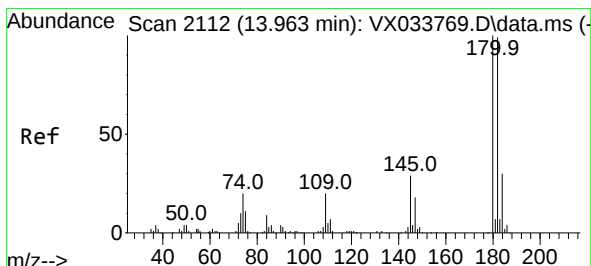
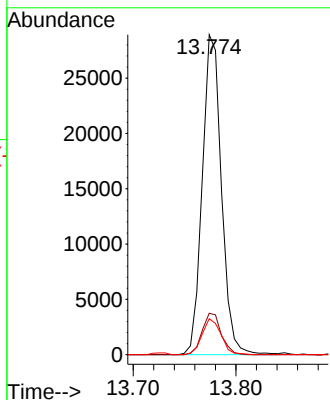
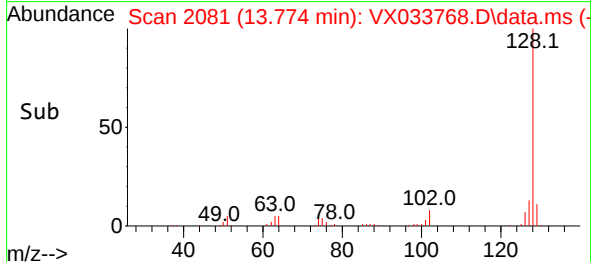
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



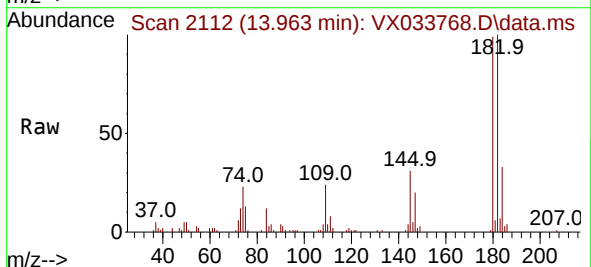
Tgt Ion:128 Resp: 3756
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.1 8.8 13.2

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 4.157 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38



Tgt Ion:180 Resp: 11964
Ion Ratio Lower Upper
180 100
182 96.6 0.0 191.2
145 31.7 0.0 60.4

