

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051023\
 Data File : VX035580.D
 Acq On : 10 May 2023 12:30
 Operator : JC/MD
 Sample : VX0510MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/11/2023
 Supervised By : Mahesh Dadoda 05/11/2023

Quant Time: May 11 04:16:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	332854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	511449	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	454101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	232176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	187014	46.571	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.140%		
35) Dibromofluoromethane	5.379	113	174805	55.686	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	111.380%		
50) Toluene-d8	8.647	98	616732	52.081	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	104.160%		
62) 4-Bromofluorobenzene	11.079	95	242604	54.461	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	53892	15.302	ug/l	99
3) Chloromethane	1.295	50	54531	17.020	ug/l	99
4) Vinyl Chloride	1.374	62	50233	15.632	ug/l	93
5) Bromomethane	1.618	94	27371	12.815	ug/l	98
6) Chloroethane	1.691	64	29313	15.597	ug/l	98
7) Trichlorofluoromethane	1.886	101	79999	15.919	ug/l	98
8) Diethyl Ether	2.130	74	29504	16.103	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	58334	17.380	ug/l	92
10) Methyl Iodide	2.453	142	47886	11.305	ug/l	97
11) Tert butyl alcohol	2.989	59	57184m	78.208	ug/l	
12) 1,1-Dichloroethene	2.319	96	54474	16.850	ug/l	91
13) Acrolein	2.240	56	62956	87.553	ug/l	99
14) Allyl chloride	2.666	41	94058	16.533	ug/l	93
15) Acrylonitrile	3.063	53	145156	79.375	ug/l	99
16) Acetone	2.392	43	134772	77.274	ug/l	94
17) Carbon Disulfide	2.514	76	137861	17.789	ug/l	100
18) Methyl Acetate	2.703	43	108240	16.049	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	195593	17.635	ug/l	97
20) Methylene Chloride	2.788	84	65264	16.320	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	61938	17.641	ug/l	91
22) Diisopropyl ether	3.751	45	191172	16.981	ug/l	94
23) Vinyl Acetate	3.715	43	648059	83.745	ug/l	97
24) 1,1-Dichloroethane	3.605	63	107270	16.916	ug/l	98
25) 2-Butanone	4.556	43	196743	77.286	ug/l	95
26) 2,2-Dichloropropane	4.471	77	91778	18.473	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	72815	17.643	ug/l	91
28) Bromochloromethane	4.898	49	50442	18.666	ug/l #	75
29) Tetrahydrofuran	5.007	42	121472	74.436	ug/l	91
30) Chloroform	5.093	83	112229	17.531	ug/l	99
31) Cyclohexane	5.465	56	95737	16.807	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	102578	18.284	ug/l	95
36) 1,1-Dichloropropene	5.690	75	82552	16.842	ug/l	96
37) Ethyl Acetate	4.709	43	74093	16.550	ug/l #	93
38) Carbon Tetrachloride	5.672	117	88439	19.006	ug/l	97
39) Methylcyclohexane	7.379	83	110139	18.460	ug/l	96
40) Benzene	6.038	78	252089	17.928	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	44483	17.341	ug/l	94
42) 1,2-Dichloroethane	6.086	62	83386	16.633	ug/l	94
43) Isopropyl Acetate	6.336	43	129684	17.240	ug/l #	93
44) Trichloroethene	7.123	130	74361	19.197	ug/l	93
45) 1,2-Dichloropropane	7.428	63	64336	18.149	ug/l	99
46) Dibromomethane	7.580	93	43189	17.741	ug/l #	88
47) Bromodichloromethane	7.818	83	87309	19.466	ug/l	98
48) Methyl methacrylate	7.690	41	62999	17.073	ug/l	89
49) 1,4-Dioxane	7.702	88	28884	321.135	ug/l	92
51) 4-Methyl-2-Pentanone	8.568	43	382954	82.864	ug/l	93
52) Toluene	8.714	92	165247	18.540	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	93400	19.940	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	103991	19.642	ug/l #	89
55) 1,1,2-Trichloroethane	9.147	97	64608	18.184	ug/l	98
56) Ethyl methacrylate	9.116	69	95920	18.122	ug/l #	87
57) 1,3-Dichloropropane	9.305	76	107650	17.713	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	281837	106.492	ug/l	92
59) 2-Hexanone	9.427	43	285499	82.232	ug/l	92
60) Dibromochloromethane	9.519	129	73196	21.501	ug/l	98
61) 1,2-Dibromoethane	9.610	107	68936	18.820	ug/l	99
64) Tetrachloroethene	9.275	164	60944	17.528	ug/l	97
65) Chlorobenzene	10.080	112	180438	18.366	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	68576	20.056	ug/l	99
67) Ethyl Benzene	10.195	91	316205	18.585	ug/l	100
68) m/p-Xylenes	10.299	106	249965	38.341	ug/l	94
69) o-Xylene	10.640	106	123889	19.379	ug/l	95
70) Styrene	10.653	104	201846	19.473	ug/l	96
71) Bromoform	10.799	173	53977	22.696	ug/l	99
73) Isopropylbenzene	10.957	105	322671	19.012	ug/l	100
74) N-amyl acetate	10.842	43	110884	17.385	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	96179	18.258	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	78224m	16.890	ug/l	
77) Bromobenzene	11.195	156	80853	19.165	ug/l	87
78) n-propylbenzene	11.305	91	354049	18.164	ug/l	97
79) 2-Chlorotoluene	11.366	91	218186	17.913	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	271938	19.003	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	30264	21.164	ug/l	88
82) 4-Chlorotoluene	11.451	91	248742	18.183	ug/l	96
83) tert-Butylbenzene	11.713	119	280421	19.530	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	274621	19.099	ug/l	98
85) sec-Butylbenzene	11.890	105	329252	18.694	ug/l	98
86) p-Isopropyltoluene	12.006	119	287551	19.196	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	152305	18.997	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	151668	18.043	ug/l	98
89) n-Butylbenzene	12.329	91	231906	18.339	ug/l	98
90) Hexachloroethane	12.536	117	47462	20.698	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	148603	18.532	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19229	18.204	ug/l	72
93) 1,2,4-Trichlorobenzene	13.585	180	97370	19.318	ug/l	99
94) Hexachlorobutadiene	13.725	225	43597	19.708	ug/l	97
95) Naphthalene	13.774	128	300804	19.386	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	95883	18.897	ug/l	99

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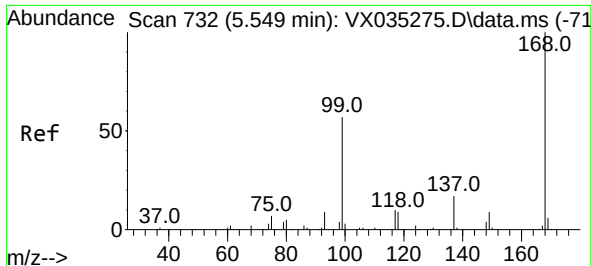
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/11/2023

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Response via : Initial Calibration

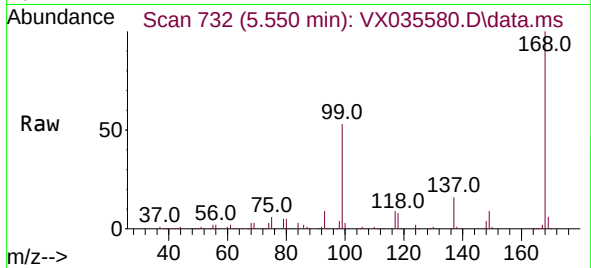
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
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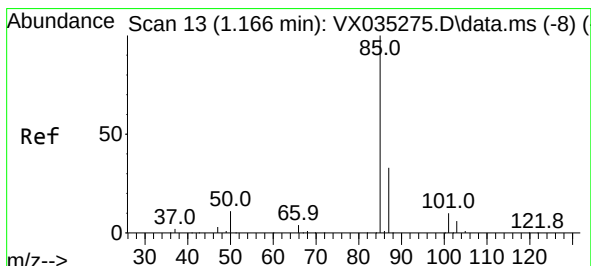
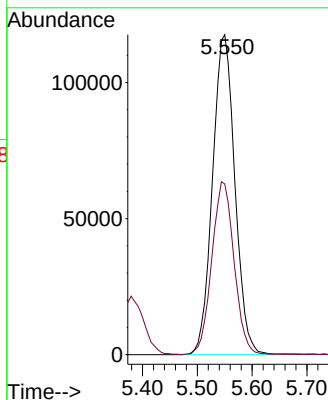
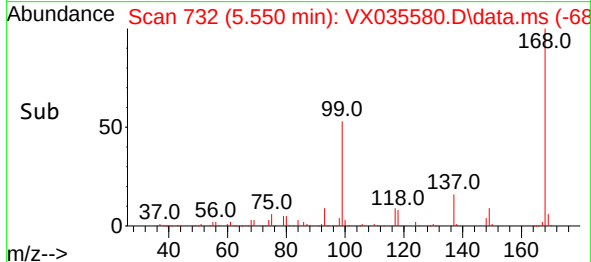
Instrument :
MSVOA_X
ClientSampleId :
VX0510MBS01



Tgt Ion:168 Resp: 332854
Ion Ratio Lower Upper
168 100
99 53.2 45.7 68.5

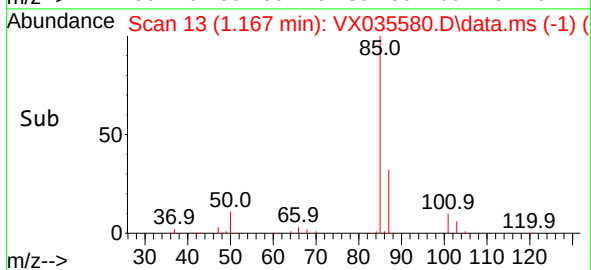
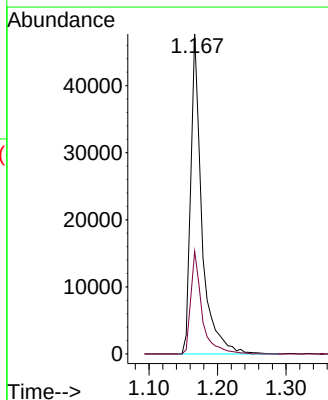
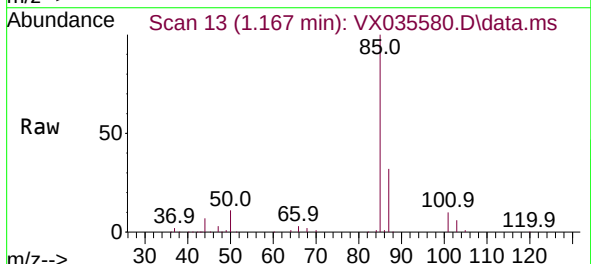
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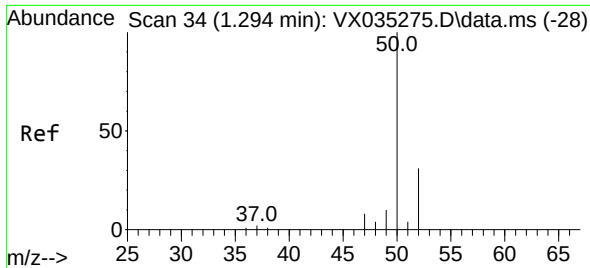
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#2
Dichlorodifluoromethane
Concen: 15.302 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

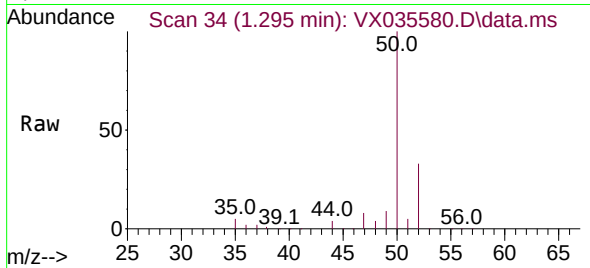
Tgt Ion: 85 Resp: 53892
Ion Ratio Lower Upper
85 100
87 32.1 16.4 49.1





#3
Chloromethane
Concen: 17.020 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

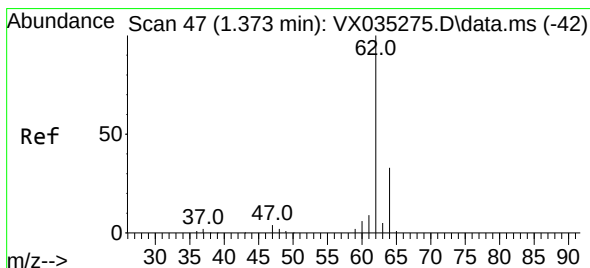
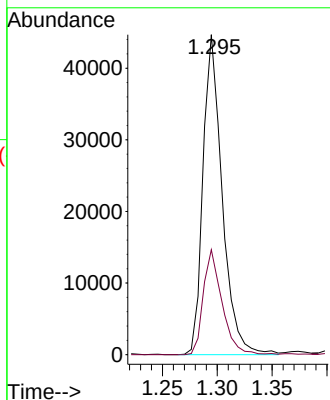
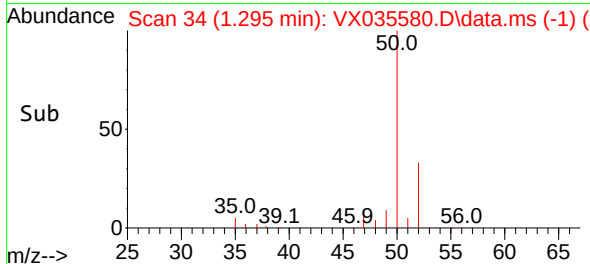
Instrument :
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VX0510MBS01



Tgt Ion: 50 Resp: 5453
Ion Ratio Lower Upper
50 100
52 32.8 25.9 38.9

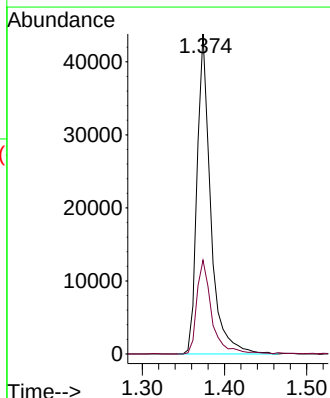
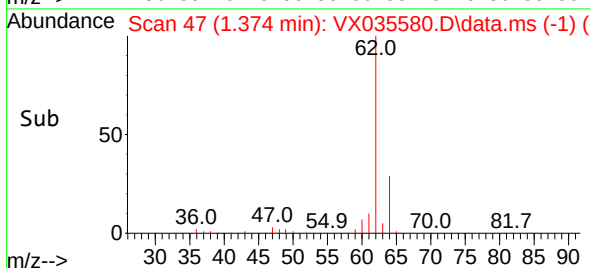
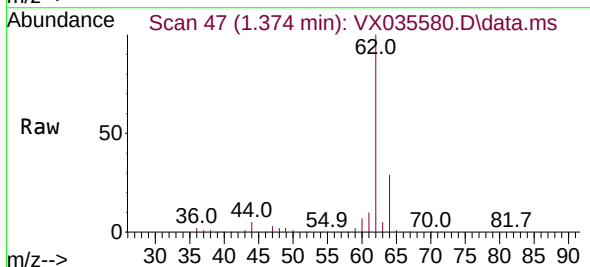
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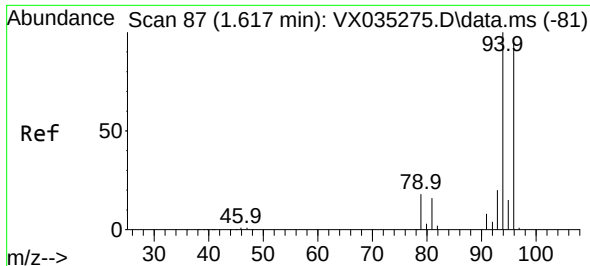
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#4
Vinyl Chloride
Concen: 15.632 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

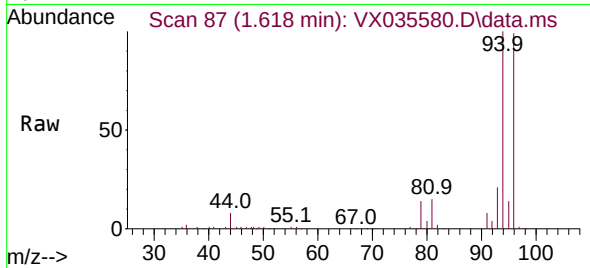
Tgt Ion: 62 Resp: 50233
Ion Ratio Lower Upper
62 100
64 29.3 26.4 39.6





#5
Bromomethane
Concen: 12.815 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.001 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

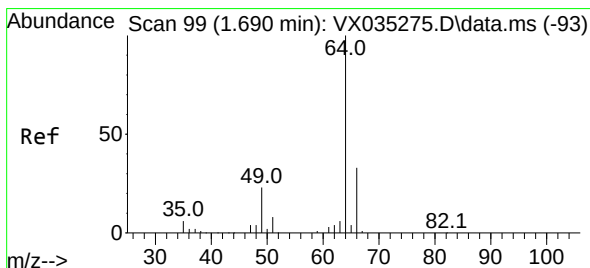
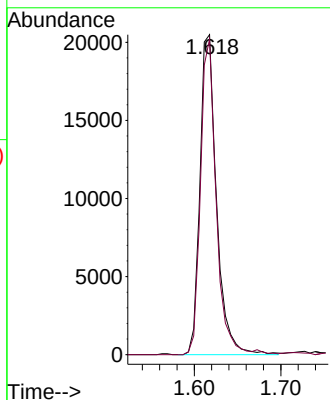
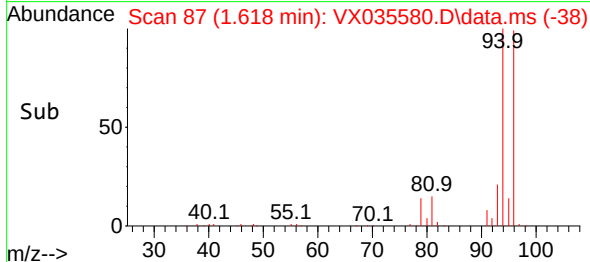
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 2737
Ion Ratio Lower Upper
94 100
96 98.6 77.0 115.6

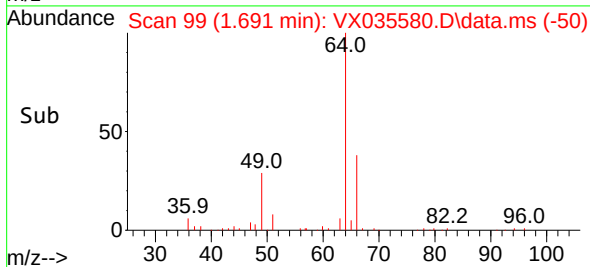
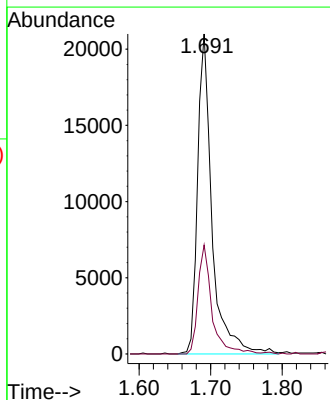
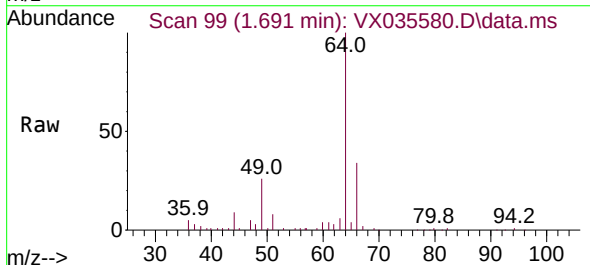
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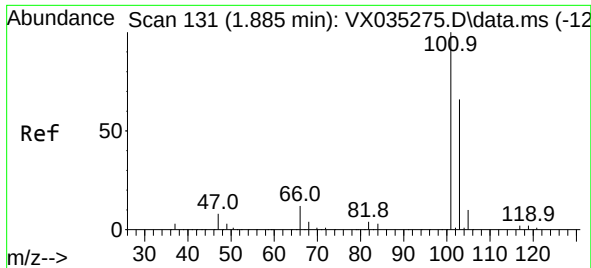
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#6
Chloroethane
Concen: 15.597 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

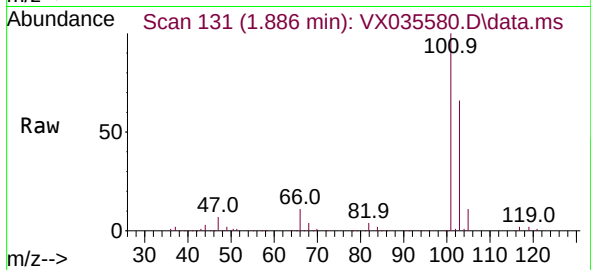
Tgt Ion: 64 Resp: 29313
Ion Ratio Lower Upper
64 100
66 34.1 26.2 39.4





#7
Trichlorofluoromethane
Concen: 15.919 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

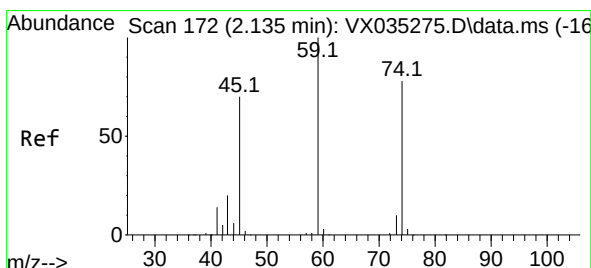
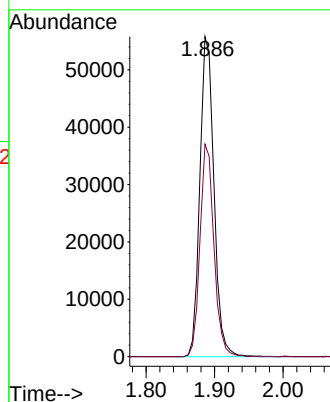
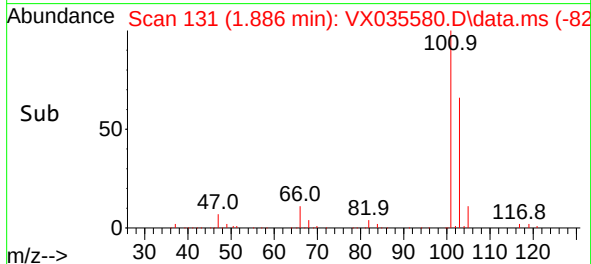
Instrument :
MSVOA_X
ClientSampleId :
VX0510MBS01



Tgt Ion:101 Resp: 79999
Ion Ratio Lower Upper
101 100
103 66.4 52.0 78.0

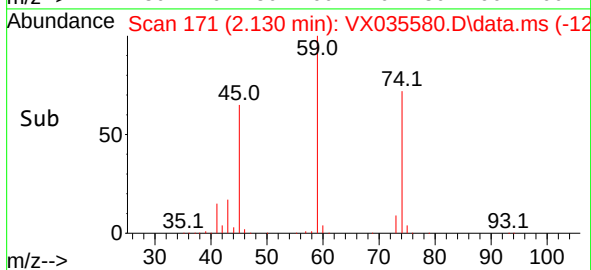
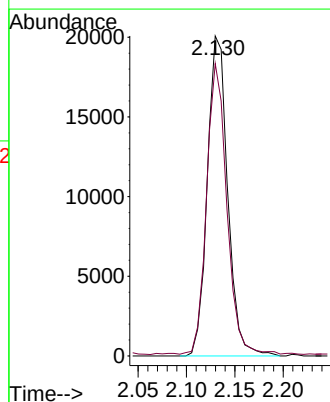
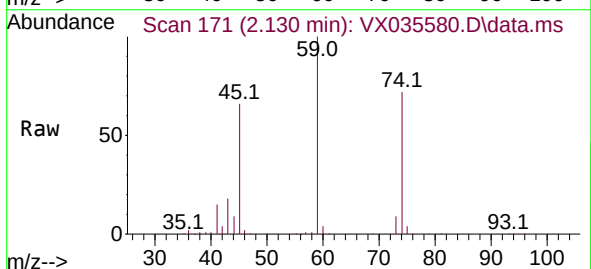
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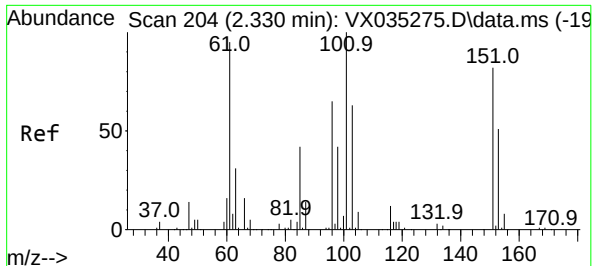
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#8
Diethyl Ether
Concen: 16.103 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.005 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

Tgt Ion: 74 Resp: 29504
Ion Ratio Lower Upper
74 100
45 90.7 49.8 149.3





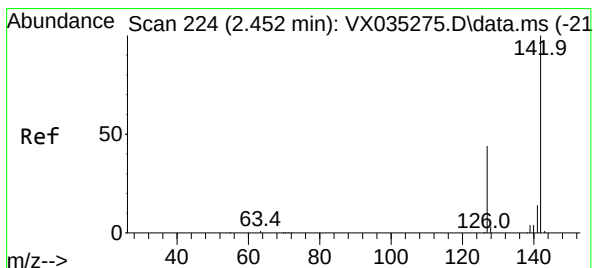
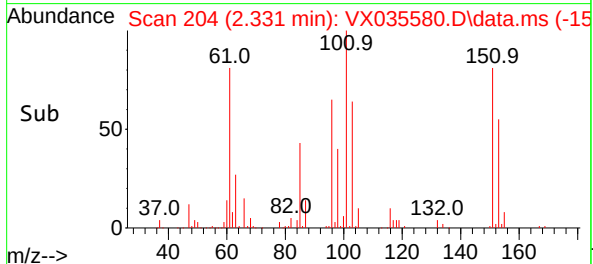
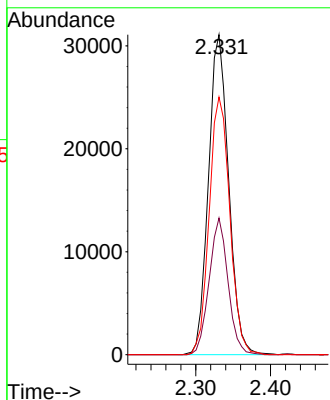
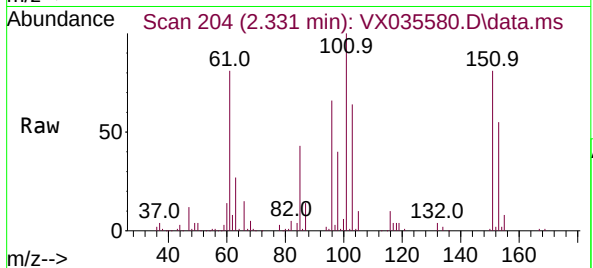
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.380 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.001 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0510MBS01

Tgt Ion:101 Resp: 58334
Ion Ratio Lower Upper
101 100
85 40.0 35.4 53.2
151 82.2 60.2 90.4

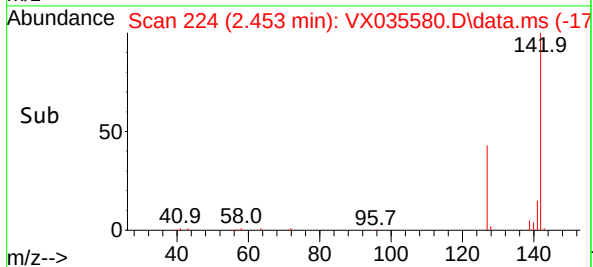
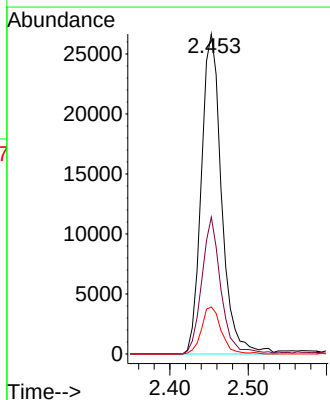
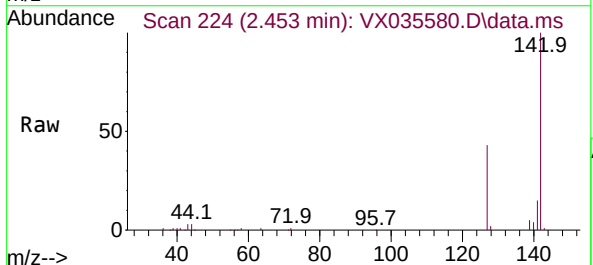
Manual Integrations
APPROVED

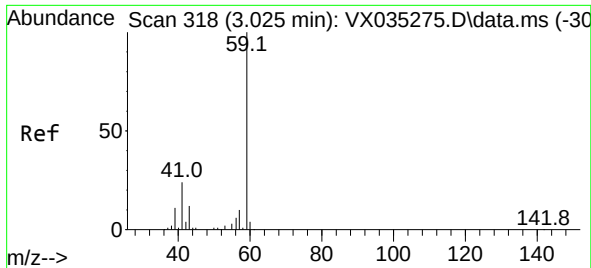
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#10
Methyl Iodide
Concen: 11.305 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

Tgt Ion:142 Resp: 47886
Ion Ratio Lower Upper
142 100
127 40.3 34.0 51.0
141 14.3 11.1 16.7





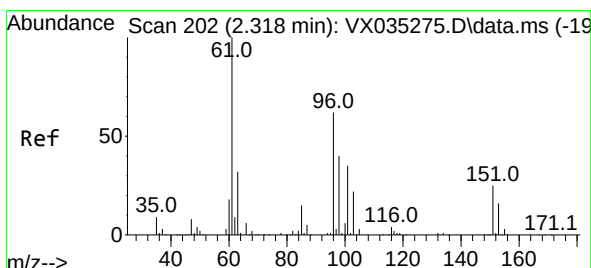
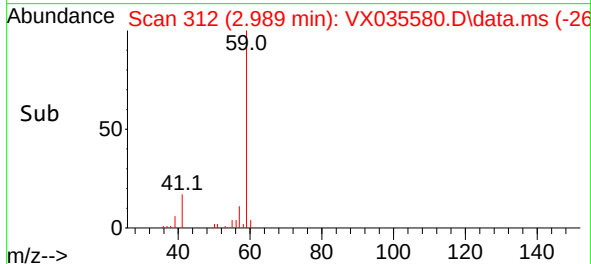
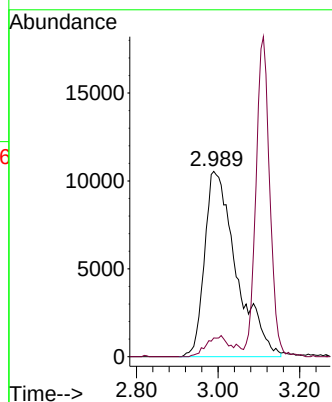
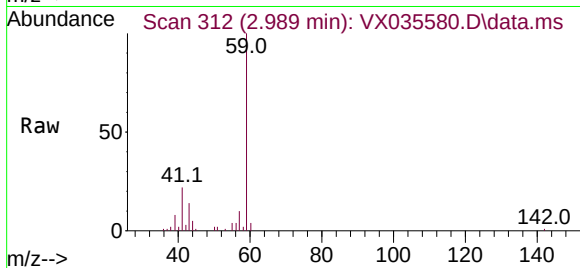
#11
Tert butyl alcohol
Concen: 78.208 ug/l m
RT: 2.989 min Scan# 318
Delta R.T. -0.036 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0510MBS01

Tgt Ion: 59 Resp: 57184
Ion Ratio Lower Upper
59 100
57 7.6 8.1 12.1

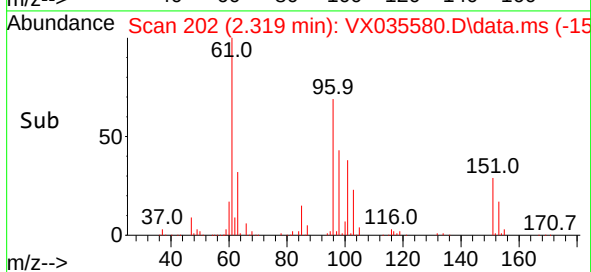
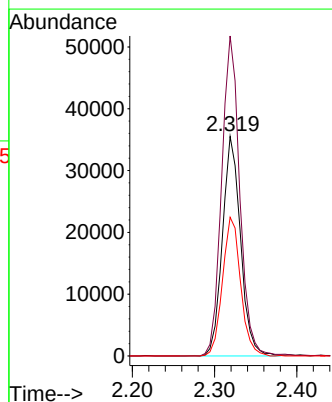
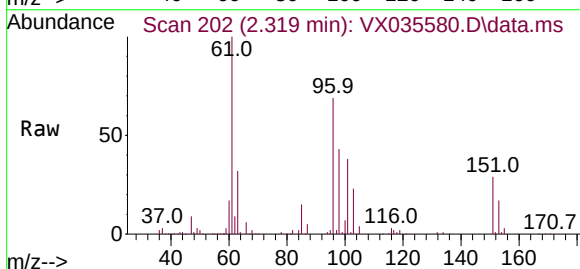
Manual Integrations
APPROVED

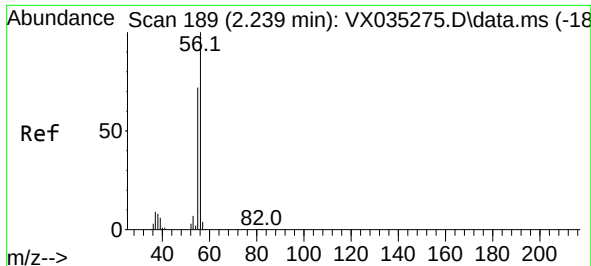
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#12
1,1-Dichloroethene
Concen: 16.850 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

Tgt Ion: 96 Resp: 54474
Ion Ratio Lower Upper
96 100
61 145.7 128.8 193.2
98 63.2 51.4 77.0





#13

Acrolein

Concen: 87.553 ug/l

RT: 2.240 min Scan# 189

Delta R.T. 0.001 min

Lab File: VX035580.D

Acq: 10 May 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBS01

Tgt Ion: 56 Resp: 62950

Ion Ratio Lower Upper

56 100

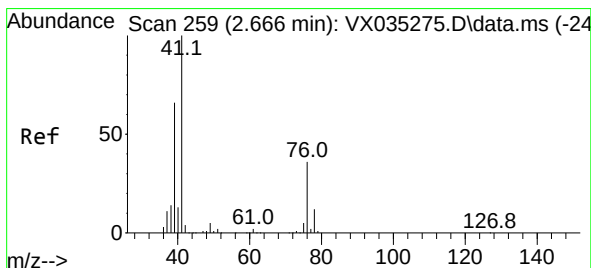
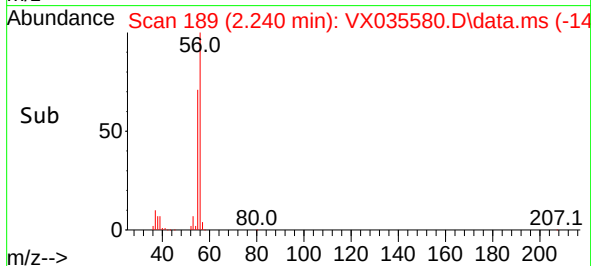
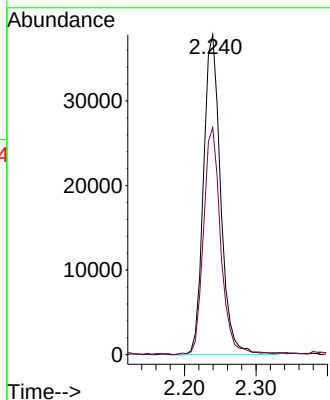
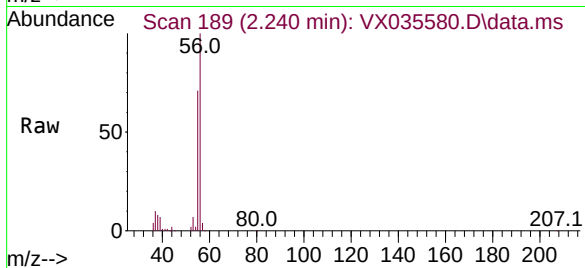
55 71.6 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/11/2023



#14

Allyl chloride

Concen: 16.533 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX035580.D

Acq: 10 May 2023 12:30

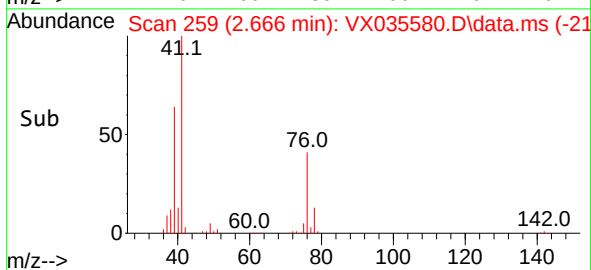
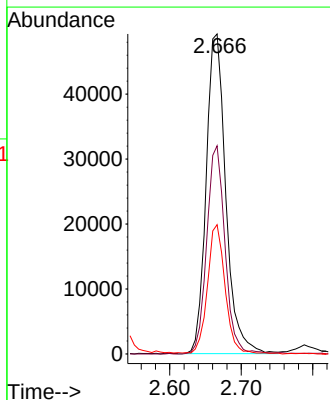
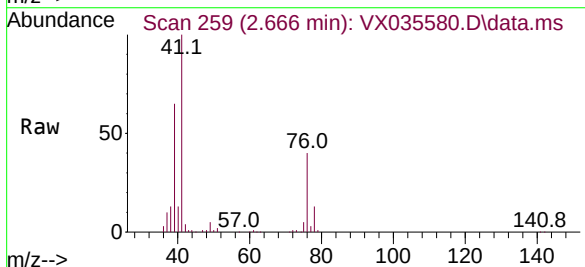
Tgt Ion: 41 Resp: 94058

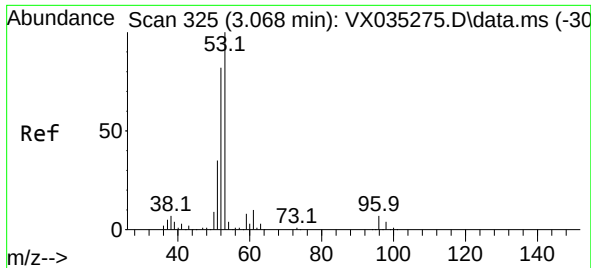
Ion Ratio Lower Upper

41 100

39 60.5 52.4 78.6

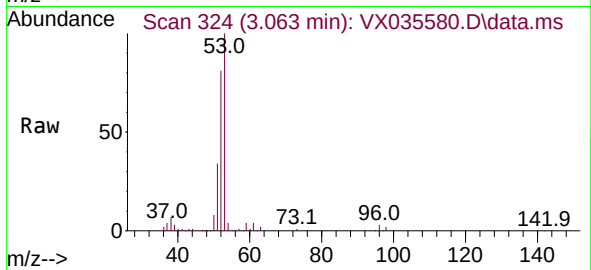
76 36.6 26.0 39.0





#15
Acrylonitrile
Concen: 79.375 ug/l
RT: 3.063 min Scan# 31
Delta R.T. -0.005 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

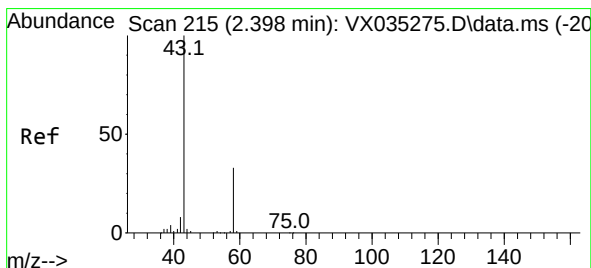
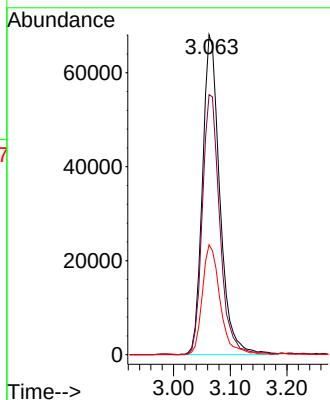
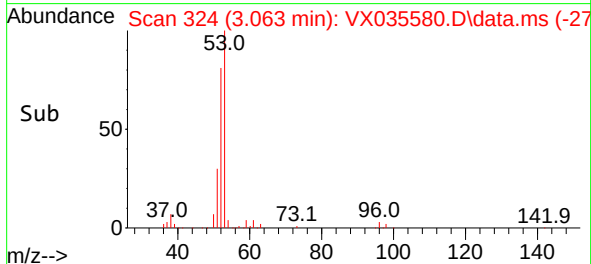
Instrument :
MSVOA_X
ClientSampleId :
VX0510MBS01



Tgt Ion: 53 Resp: 145150
Ion Ratio Lower Upper
53 100
52 81.7 66.2 99.2
51 35.2 28.3 42.5

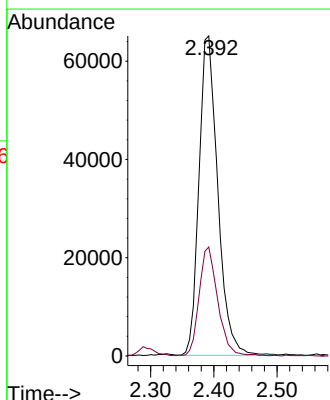
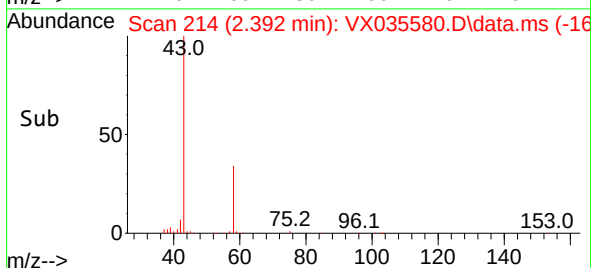
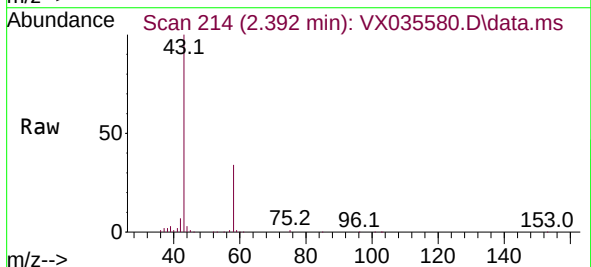
Manual Integrations
APPROVED

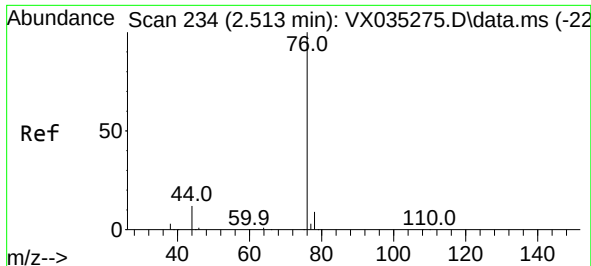
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#16
Acetone
Concen: 77.274 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

Tgt Ion: 43 Resp: 134772
Ion Ratio Lower Upper
43 100
58 34.0 24.7 37.1





#17

Carbon Disulfide

Concen: 17.789 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.001 min

Lab File: VX035580.D

Acq: 10 May 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBS01

Tgt Ion: 76 Resp: 13786

Ion Ratio Lower Upper

76 100

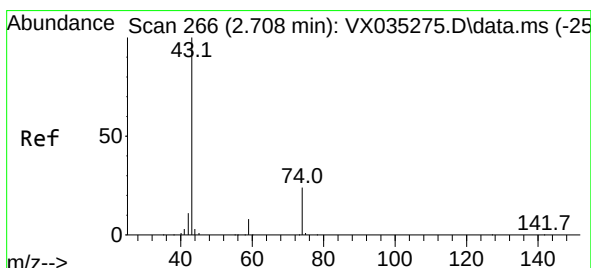
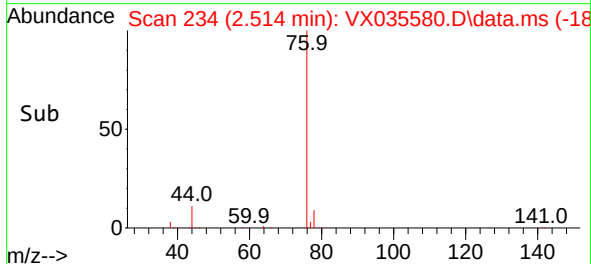
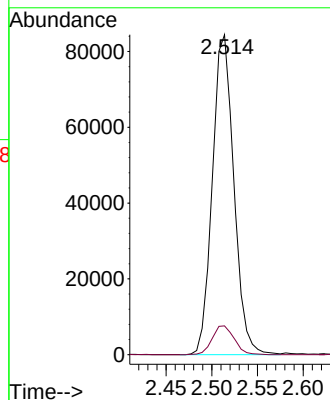
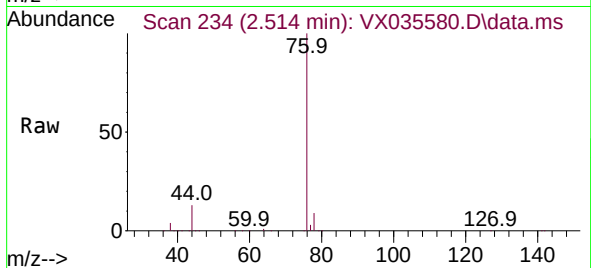
78 9.0 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/11/2023



#18

Methyl Acetate

Concen: 16.049 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.005 min

Lab File: VX035580.D

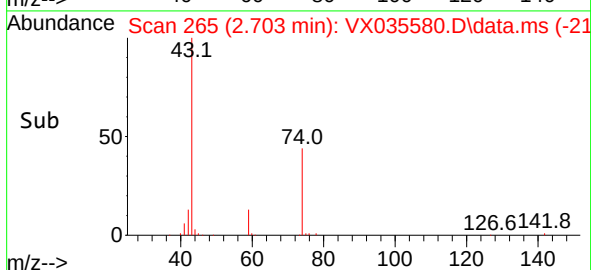
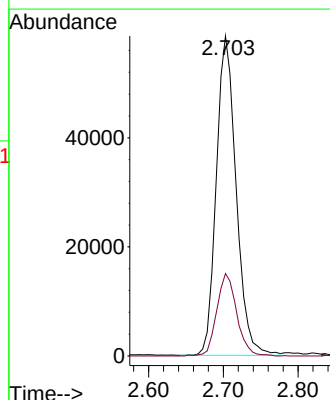
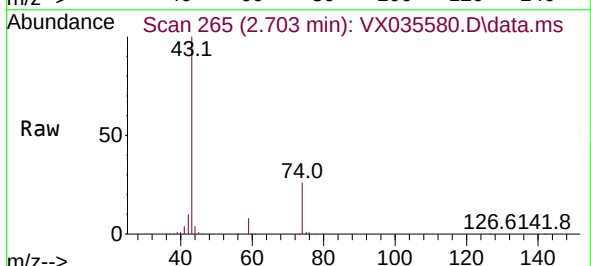
Acq: 10 May 2023 12:30

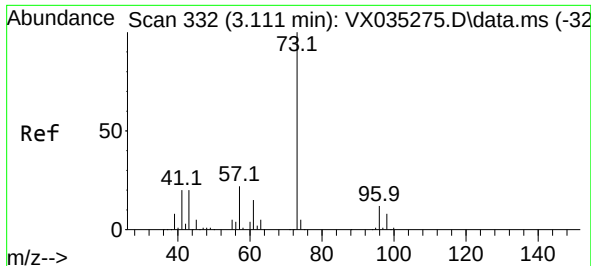
Tgt Ion: 43 Resp: 108240

Ion Ratio Lower Upper

43 100

74 25.9 18.3 27.5





#19

Methyl tert-butyl Ether

Concen: 17.635 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX035580.D

Acq: 10 May 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBS01

Tgt Ion: 73 Resp: 19559

Ion Ratio Lower Upper

73 100

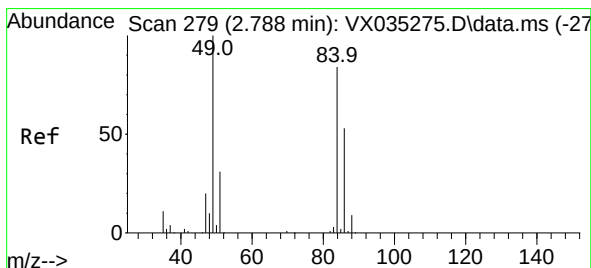
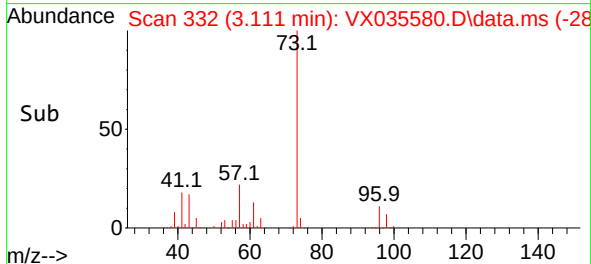
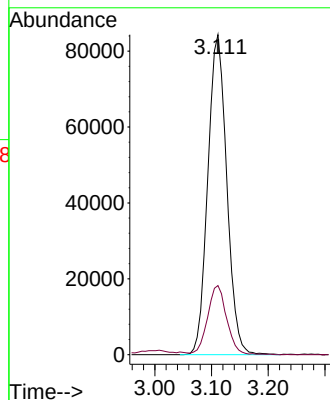
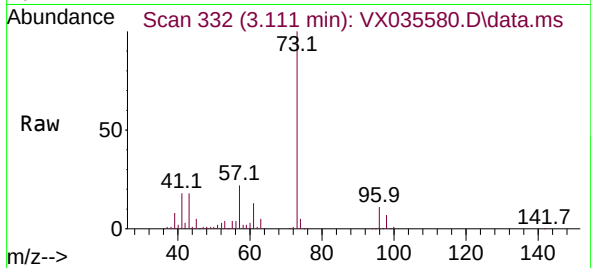
57 21.6 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/11/2023



#20

Methylene Chloride

Concen: 16.320 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX035580.D

Acq: 10 May 2023 12:30

Tgt Ion: 84 Resp: 65264

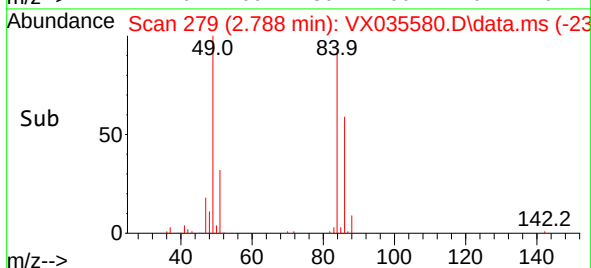
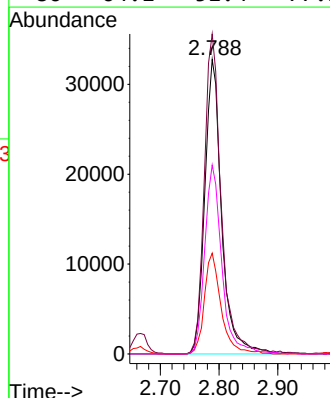
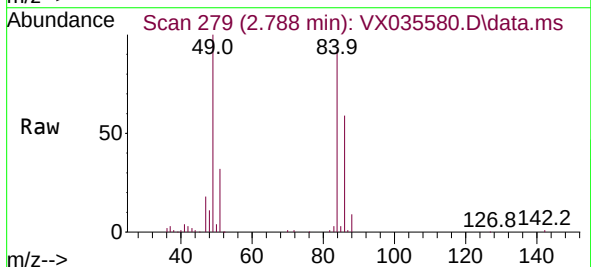
Ion Ratio Lower Upper

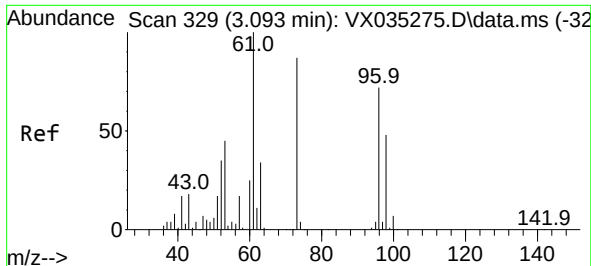
84 100

49 108.6 103.8 155.8

51 34.2 31.8 47.8

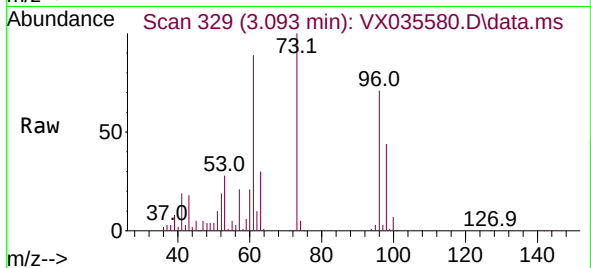
86 64.1 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 17.641 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

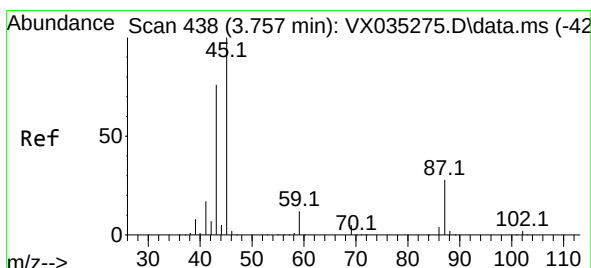
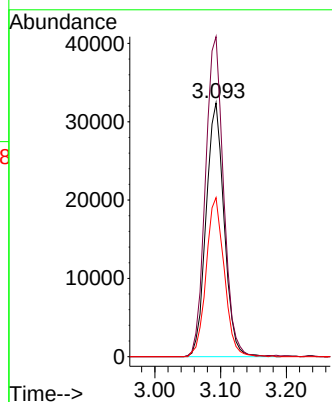
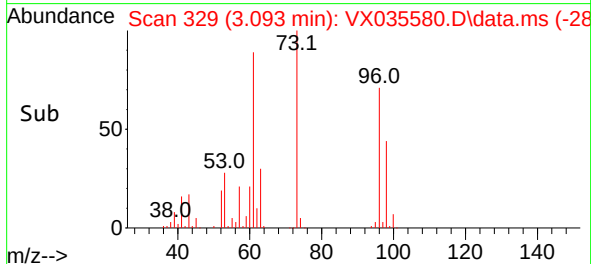
Instrument :
MSVOA_X
ClientSampleId :
VX0510MBS01



Tgt Ion: 96 Resp: 61938
Ion Ratio Lower Upper
96 100
61 126.1 113.0 169.6
98 62.7 52.1 78.1

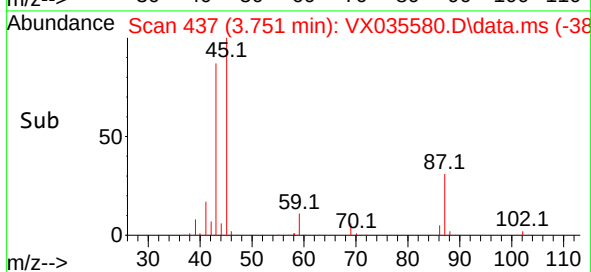
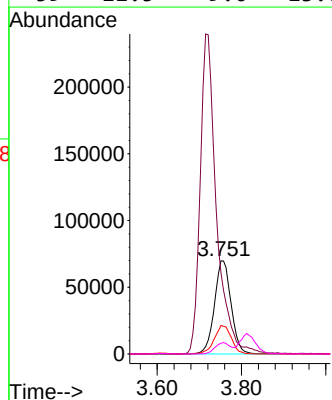
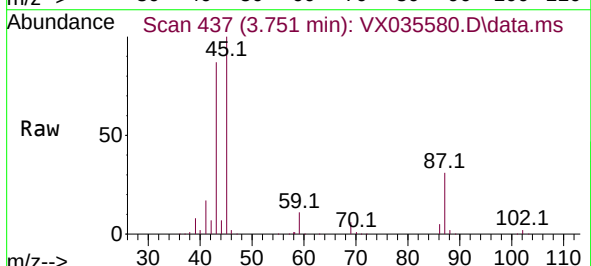
Manual Integrations
APPROVED

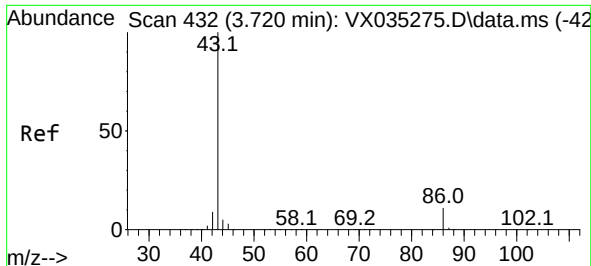
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#22
Diisopropyl ether
Concen: 16.981 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

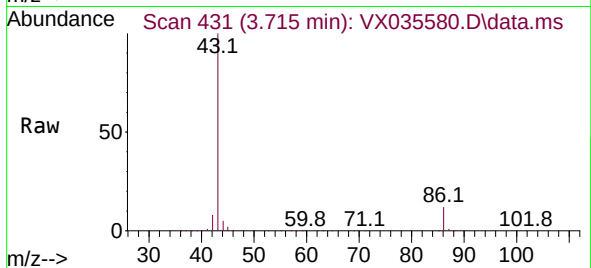
Tgt Ion: 45 Resp: 191172
Ion Ratio Lower Upper
45 100
43 86.9 65.4 98.2
87 30.7 20.6 31.0
59 11.5 9.0 13.6





#23
 Vinyl Acetate
 Concen: 83.745 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.005 min
 Lab File: VX035580.D
 Acq: 10 May 2023 12:30

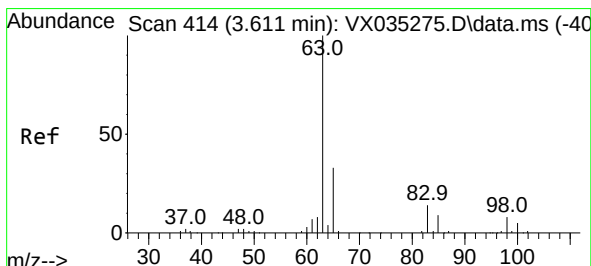
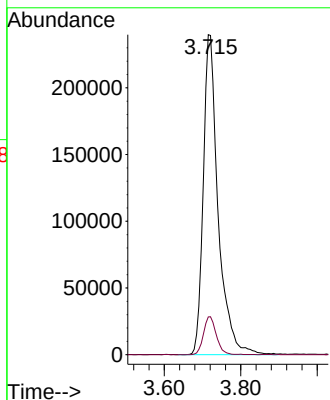
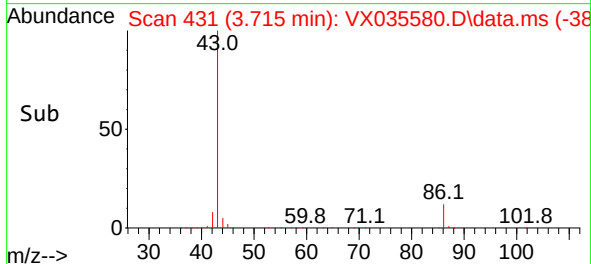
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510MBS01



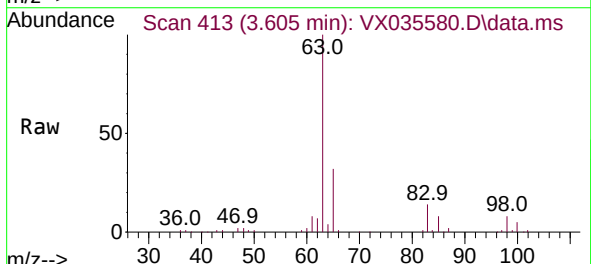
Tgt Ion: 43 Resp: 64805
 Ion Ratio Lower Upper
 43 100
 86 11.8 8.5 12.7

Manual Integrations
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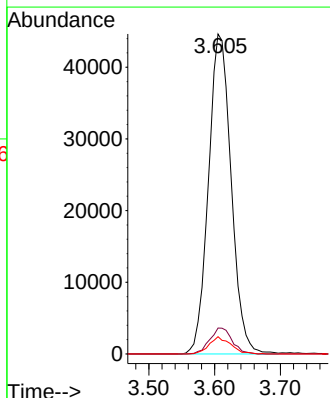
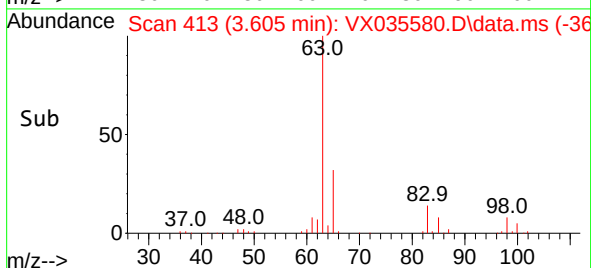
Reviewed By :John Carlone 05/11/2023
 Supervised By :Mahesh Dadoda 05/11/2023

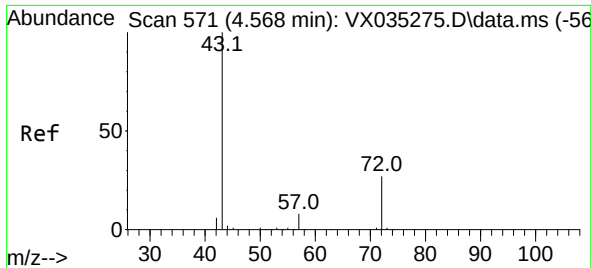


#24
 1,1-Dichloroethane
 Concen: 16.916 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX035580.D
 Acq: 10 May 2023 12:30



Tgt Ion: 63 Resp: 107270
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.8 11.2
 100 5.4 2.4 7.1





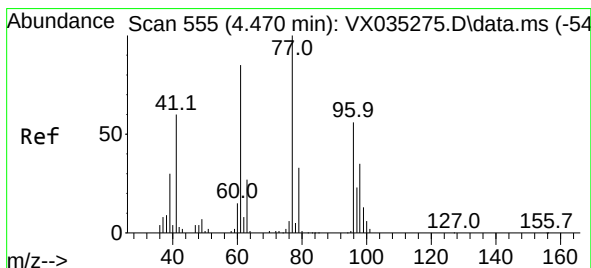
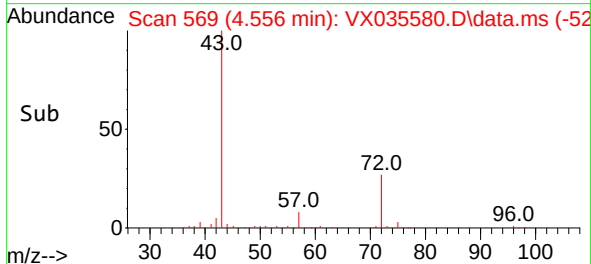
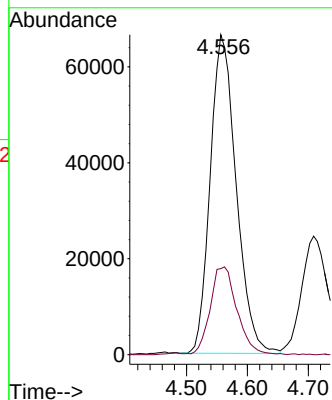
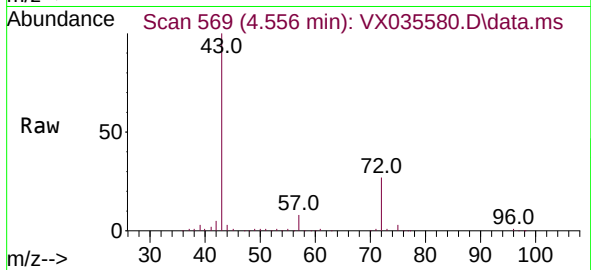
#25
2-Butanone
Concen: 77.286 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0510MBS01

Tgt Ion: 43 Resp: 19674
Ion Ratio Lower Upper
43 100
72 26.7 19.3 28.9

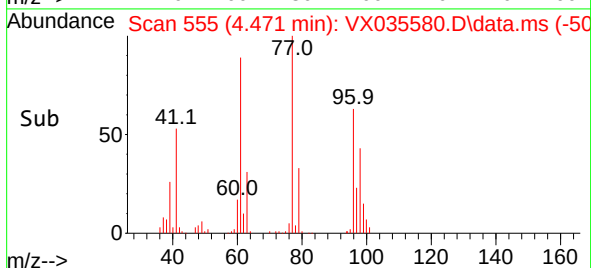
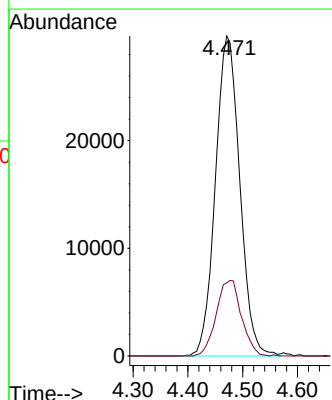
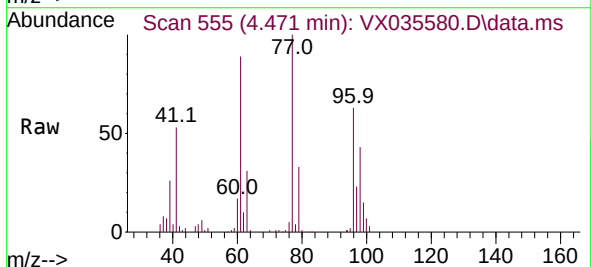
Manual Integrations
APPROVED

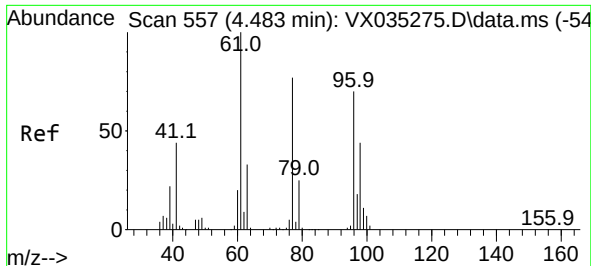
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#26
2,2-Dichloropropane
Concen: 18.473 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.001 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

Tgt Ion: 77 Resp: 91778
Ion Ratio Lower Upper
77 100
97 24.4 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 17.643 ug/l

RT: 4.489 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX035580.D

Acq: 10 May 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBS01

Tgt Ion: 96 Resp: 7281

Ion Ratio Lower Upper

96 100

61 133.9 0.0 300.4

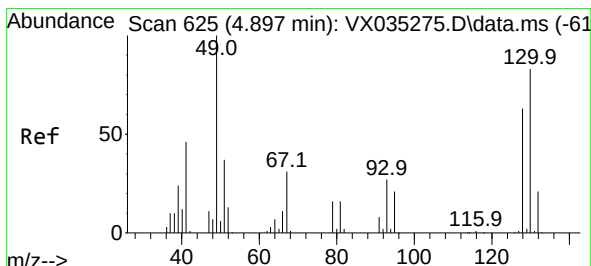
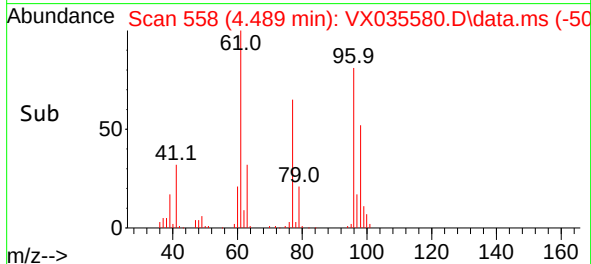
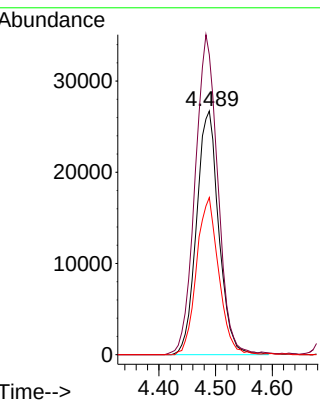
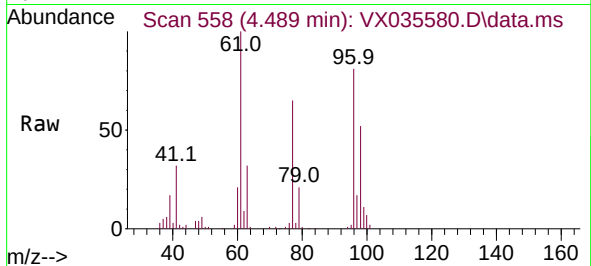
98 64.3 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/11/2023



#28

Bromochloromethane

Concen: 18.666 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.001 min

Lab File: VX035580.D

Acq: 10 May 2023 12:30

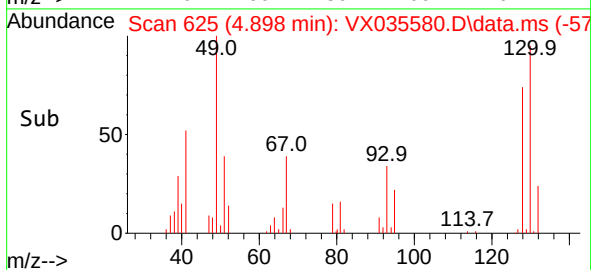
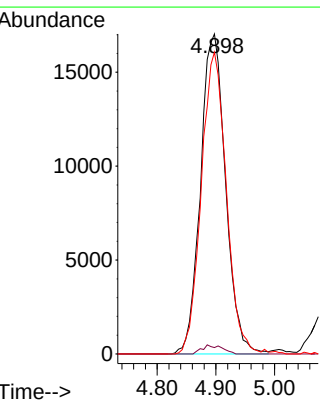
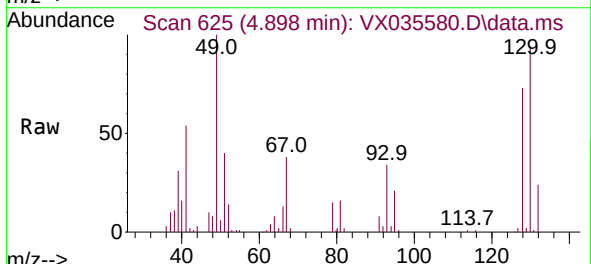
Tgt Ion: 49 Resp: 50442

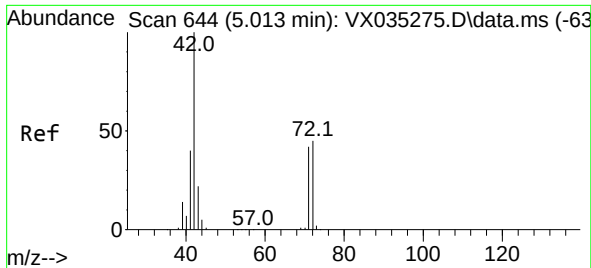
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.0

130 94.1 58.2 87.2#





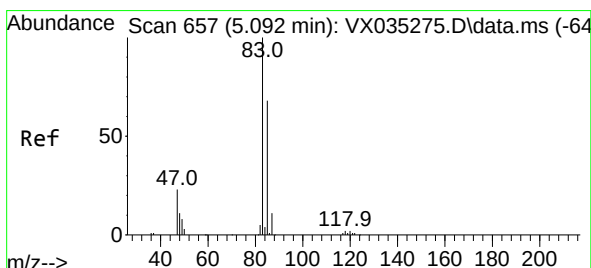
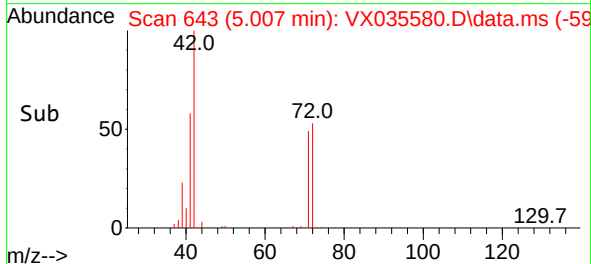
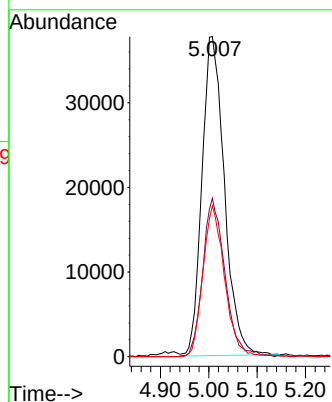
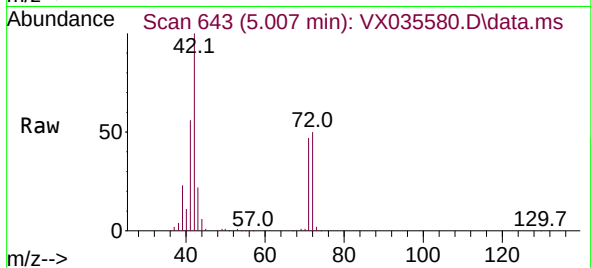
#29
Tetrahydrofuran
Concen: 74.436 ug/l
RT: 5.007 min Scan# 644
Delta R.T. -0.006 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0510MBS01

Tgt Ion: 42 Resp: 121472
Ion Ratio Lower Upper
42 100
72 49.1 34.5 51.7
71 45.5 32.1 48.1

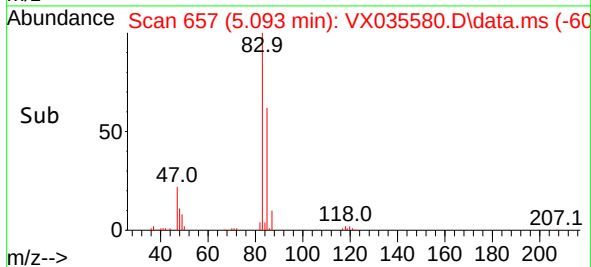
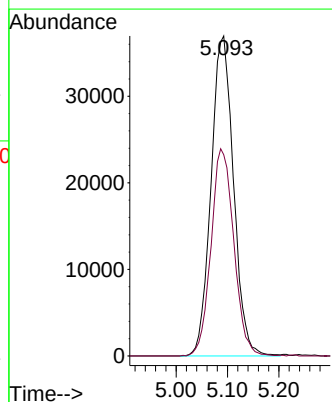
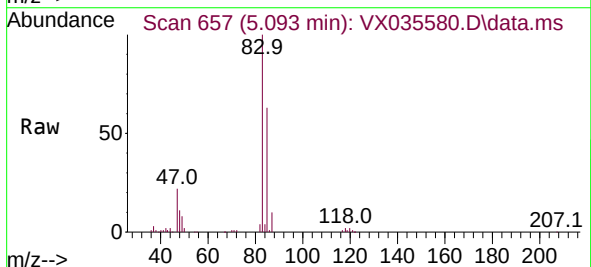
Manual Integrations
APPROVED

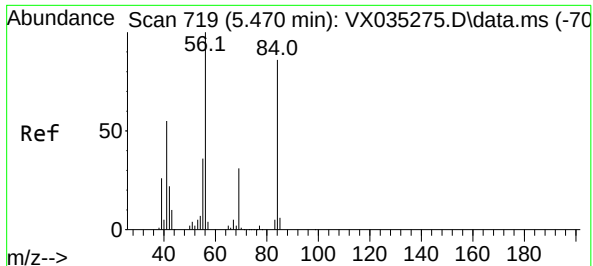
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#30
Chloroform
Concen: 17.531 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.001 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

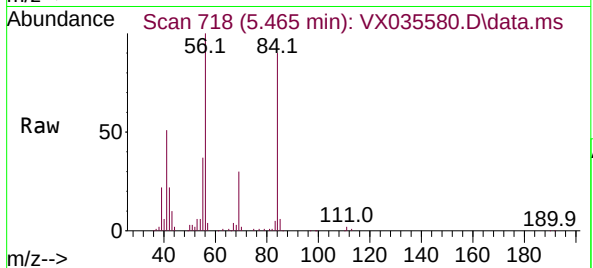
Tgt Ion: 83 Resp: 112229
Ion Ratio Lower Upper
83 100
85 62.9 50.6 76.0





#31
Cyclohexane
Concen: 16.807 ug/l
RT: 5.465 min Scan# 719
Delta R.T. -0.005 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

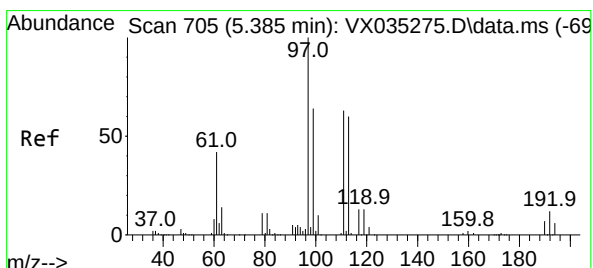
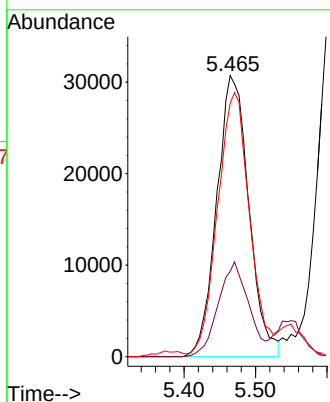
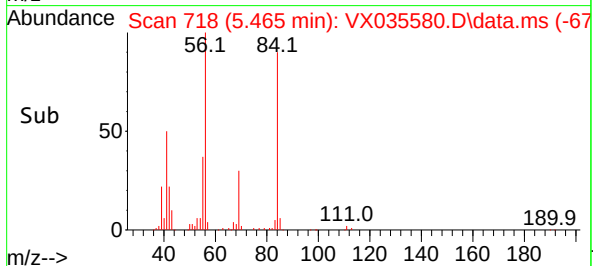
Instrument :
MSVOA_X
ClientSampleId :
VX0510MBS01



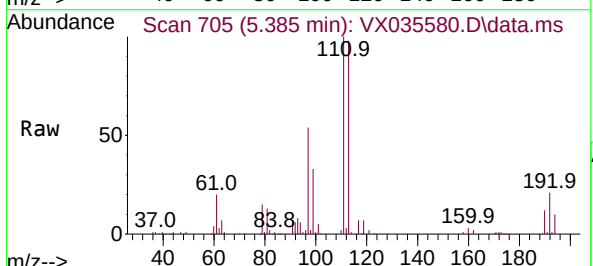
Tgt Ion: 56 Resp: 9573
Ion Ratio Lower Upper
56 100
69 30.3 23.7 35.5
84 88.3 68.5 102.7

Manual Integrations
APPROVED

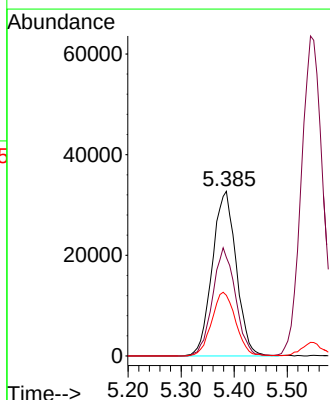
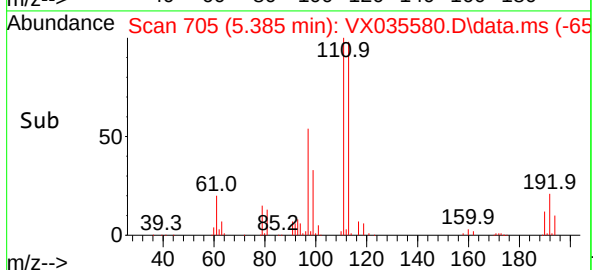
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023

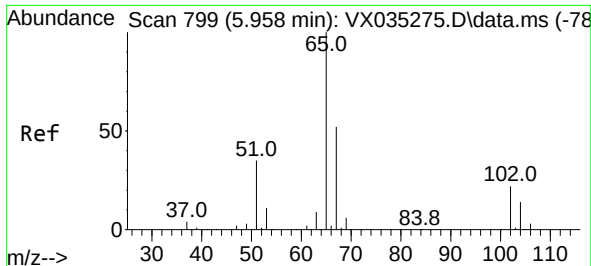


#32
1,1,1-Trichloroethane
Concen: 18.284 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30



Tgt Ion: 97 Resp: 102578
Ion Ratio Lower Upper
97 100
99 62.8 51.1 76.7
61 38.8 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 46.571 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035580.D

Acq: 10 May 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBS01

Tgt Ion: 65 Resp: 187014

Ion Ratio Lower Upper

65 100

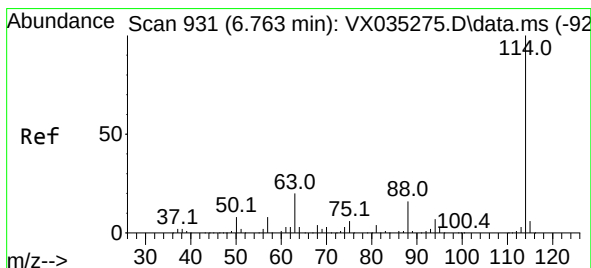
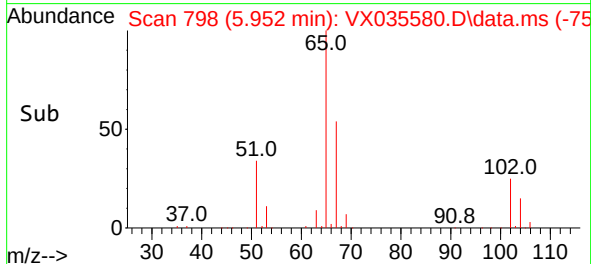
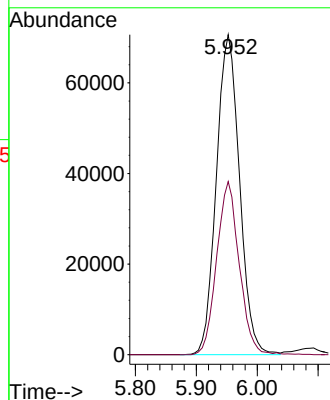
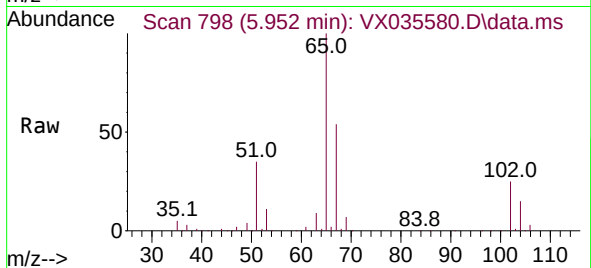
67 52.7 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/11/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035580.D

Acq: 10 May 2023 12:30

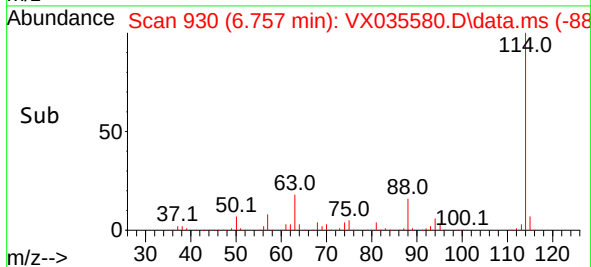
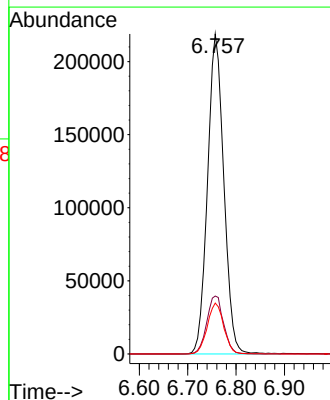
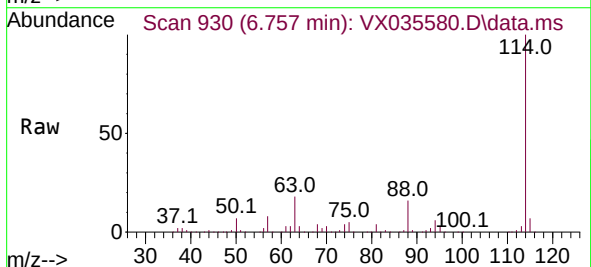
Tgt Ion:114 Resp: 511449

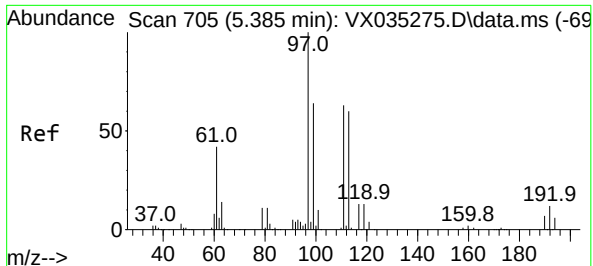
Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.2

88 15.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 55.686 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX035580.D

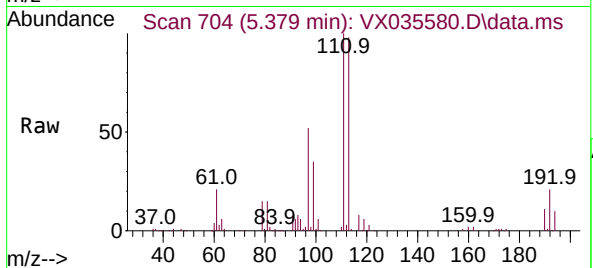
Acq: 10 May 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBS01



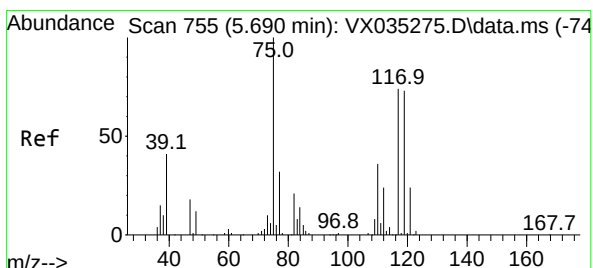
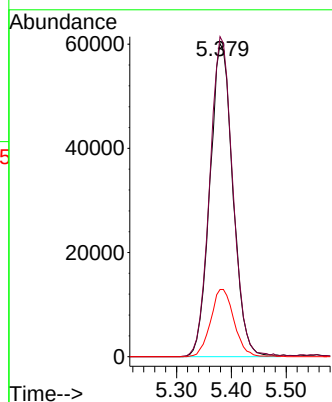
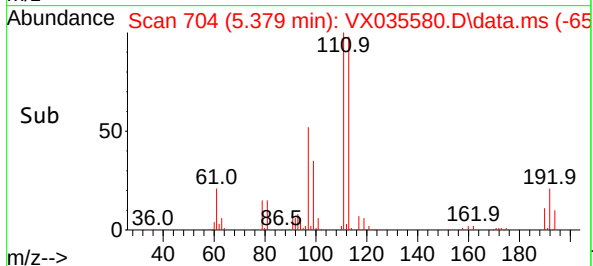
Tgt Ion:	113	Resp:	17480
Ion Ratio	Lower	Upper	
113	100		
111	102.7	83.7	125.5
192	21.8	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/11/2023



#36

1,1-Dichloropropene

Concen: 16.842 ug/l

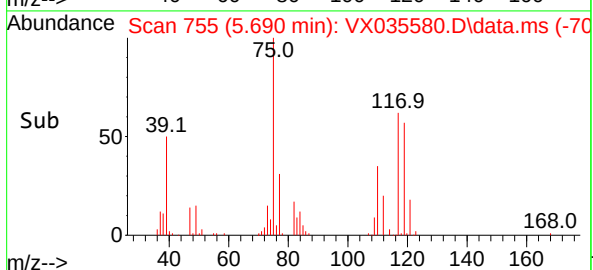
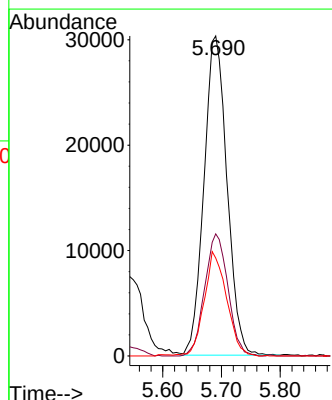
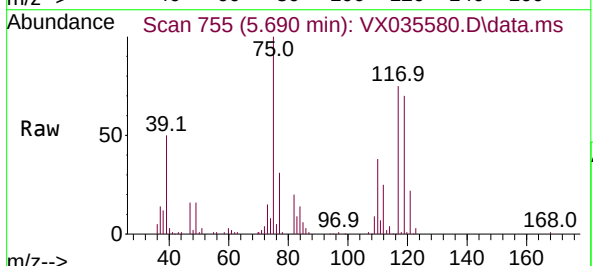
RT: 5.690 min Scan# 755

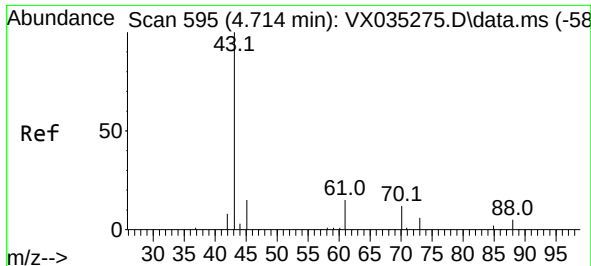
Delta R.T. 0.000 min

Lab File: VX035580.D

Acq: 10 May 2023 12:30

Tgt Ion:	75	Resp:	82552
Ion Ratio	Lower	Upper	
75	100		
110	38.5	17.5	52.5
77	31.8	24.3	36.5





#37

Ethyl Acetate

Concen: 16.550 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.005 min

Lab File: VX035580.D

Acq: 10 May 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBS01

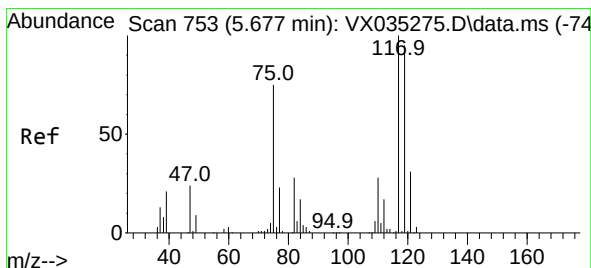
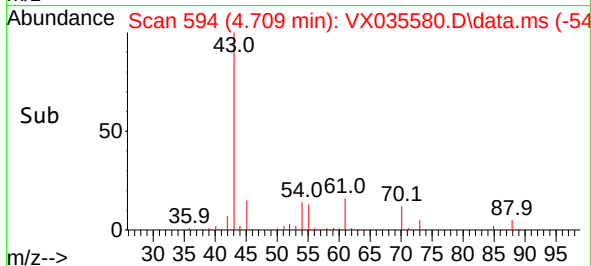
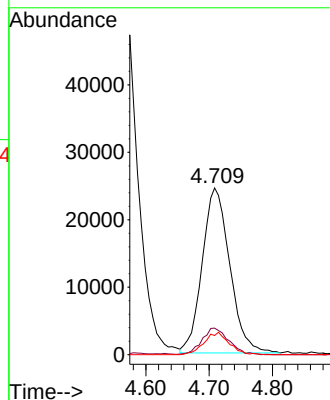
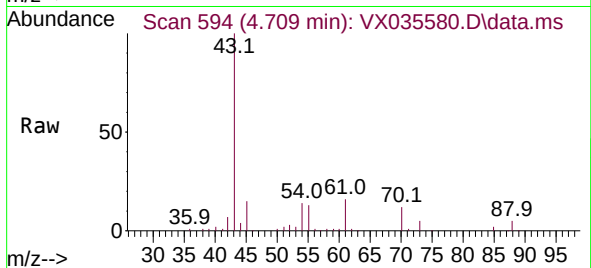
Tgt Ion: 43	Resp: 7409
Ion Ratio	Lower Upper
43 100	
61 15.8	10.2 15.4
70 12.3	8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/11/2023



#38

Carbon Tetrachloride

Concen: 19.006 ug/l

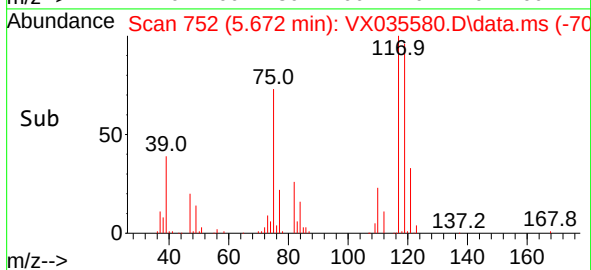
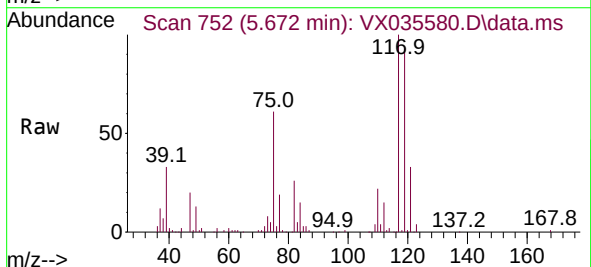
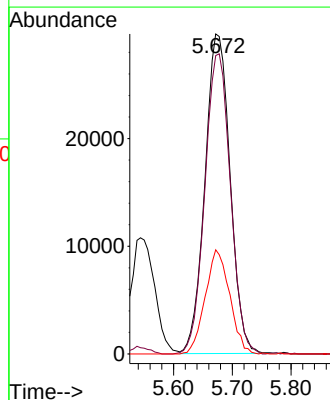
RT: 5.672 min Scan# 752

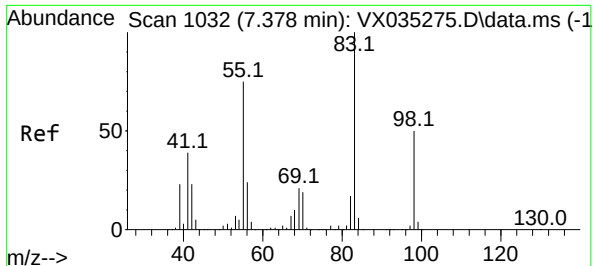
Delta R.T. -0.005 min

Lab File: VX035580.D

Acq: 10 May 2023 12:30

Tgt Ion: 117	Resp: 88439
Ion Ratio	Lower Upper
117 100	
119 93.4	76.6 114.8
121 32.6	23.8 35.6





#39

Methylcyclohexane

Concen: 18.460 ug/l

RT: 7.379 min Scan# 110139

Delta R.T. 0.001 min

Lab File: VX035580.D

Acq: 10 May 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBS01

Tgt Ion: 83 Resp: 110139

Ion Ratio Lower Upper

83 100

55 70.3 60.5 90.7

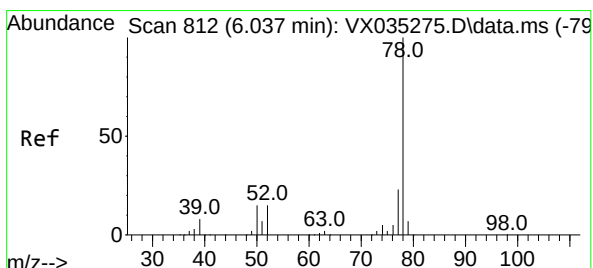
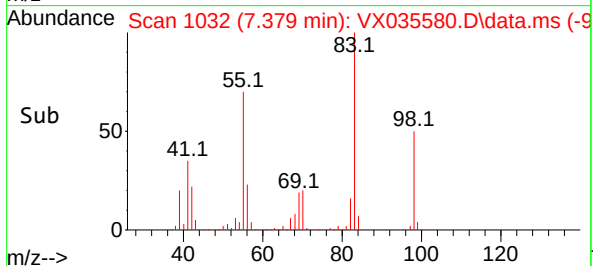
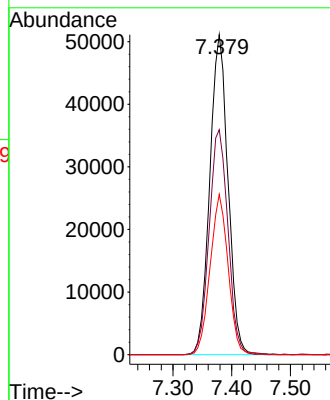
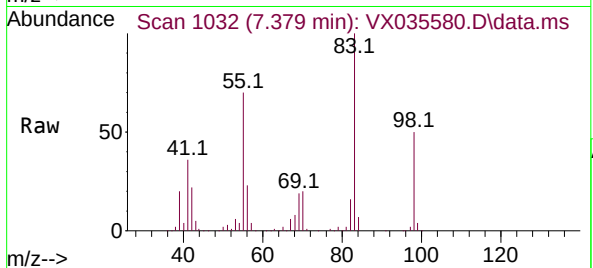
98 50.1 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/11/2023



#40

Benzene

Concen: 17.928 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.001 min

Lab File: VX035580.D

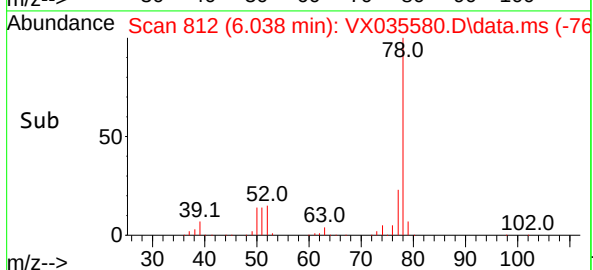
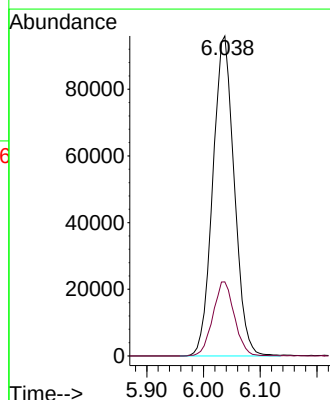
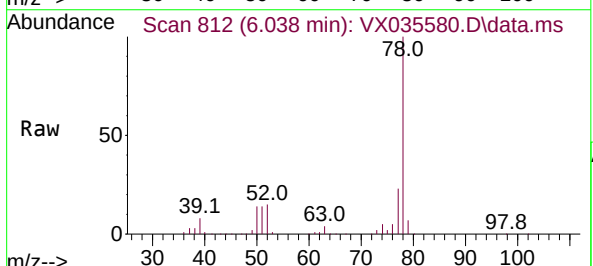
Acq: 10 May 2023 12:30

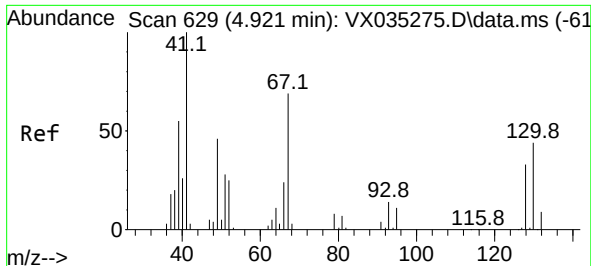
Tgt Ion: 78 Resp: 252089

Ion Ratio Lower Upper

78 100

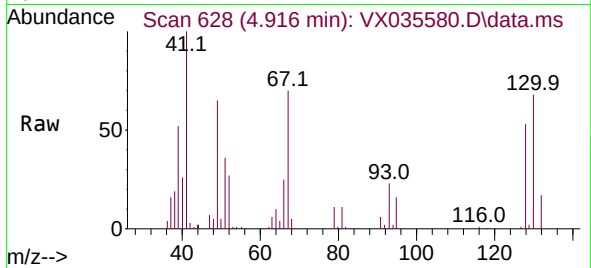
77 23.2 19.0 28.4





#41
Methacrylonitrile
Concen: 17.341 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.005 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

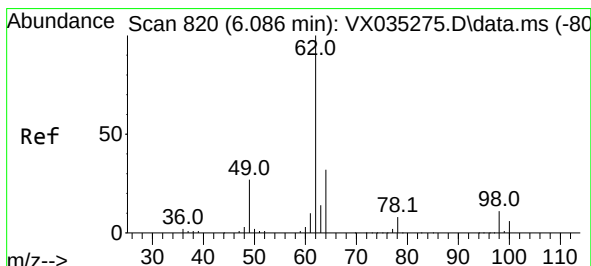
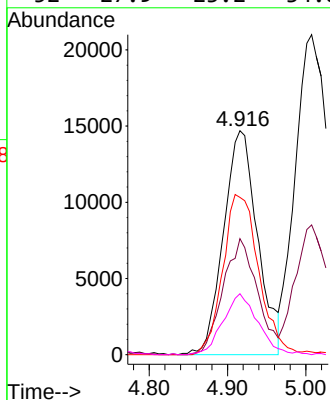
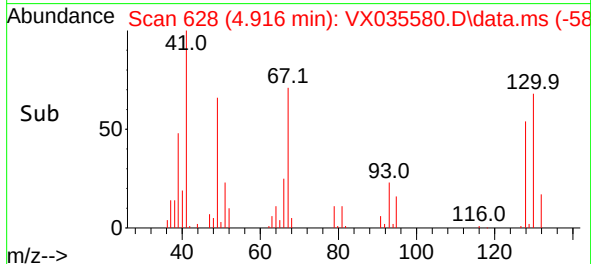
Instrument :
MSVOA_X
ClientSampleId :
VX0510MBS01



Tgt Ion: 41 Resp: 4448
Ion Ratio Lower Upper
41 100
39 52.1 45.0 67.6
67 75.0 55.6 83.4
52 27.9 23.2 34.8

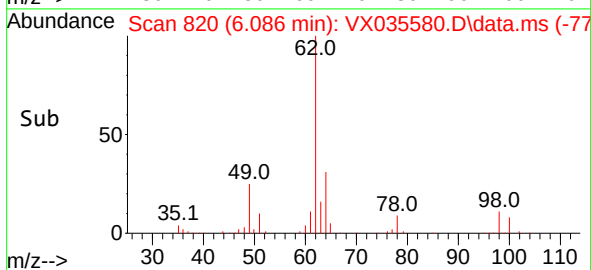
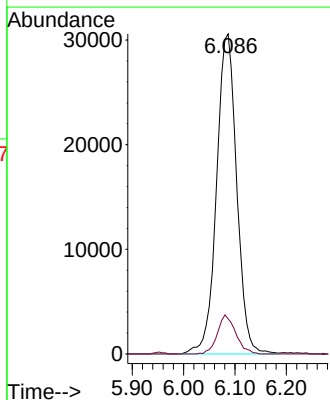
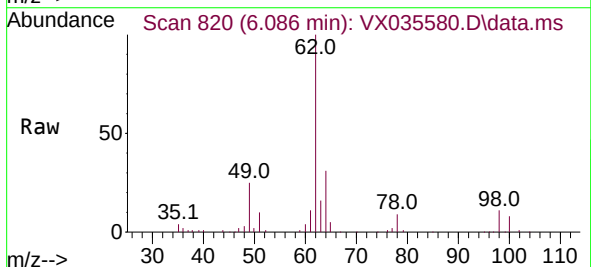
Manual Integrations
APPROVED

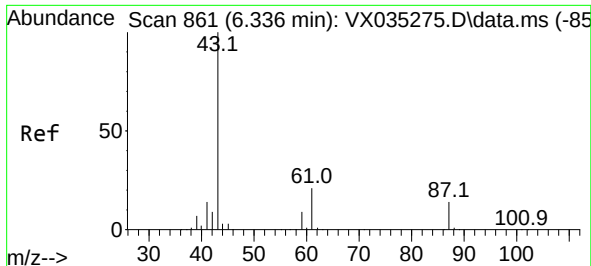
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#42
1,2-Dichloroethane
Concen: 16.633 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

Tgt Ion: 62 Resp: 83386
Ion Ratio Lower Upper
62 100
98 11.1 0.0 18.0





#43

Isopropyl Acetate

Concen: 17.240 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX035580.D

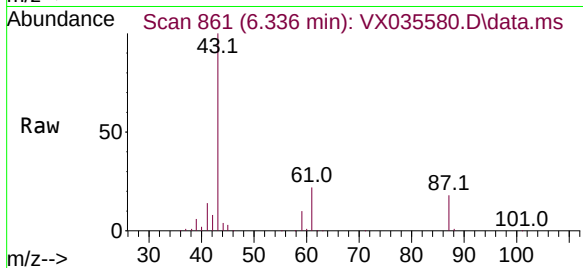
Acq: 10 May 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBS01



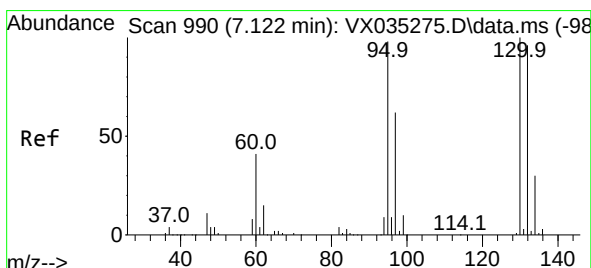
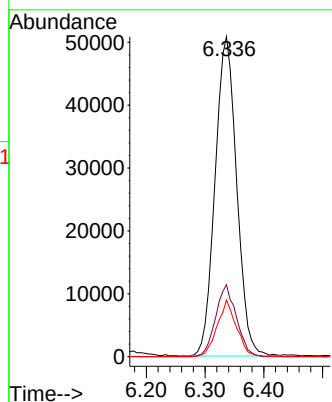
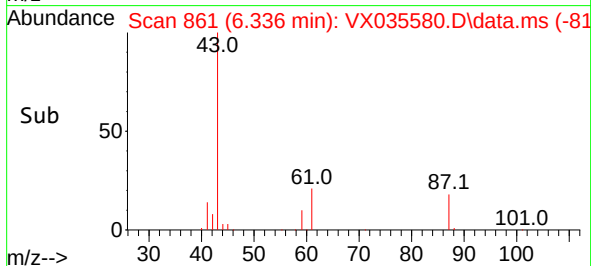
Tgt Ion:	43	Resp:	129684
Ion Ratio	Lower	Upper	
43	100		
61	21.6	15.2	22.8
87	15.8	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/11/2023



#44

Trichloroethene

Concen: 19.197 ug/l

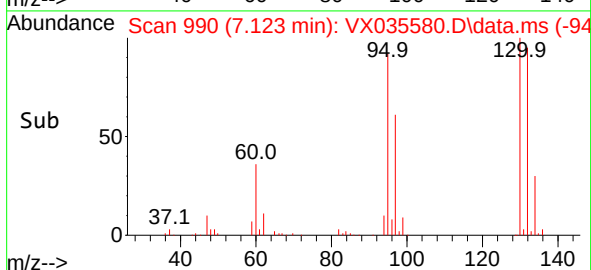
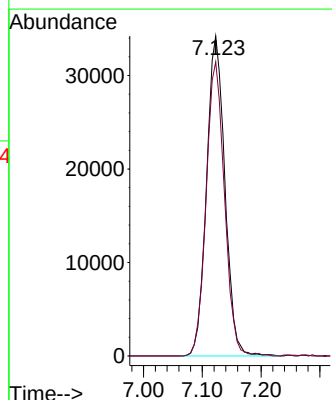
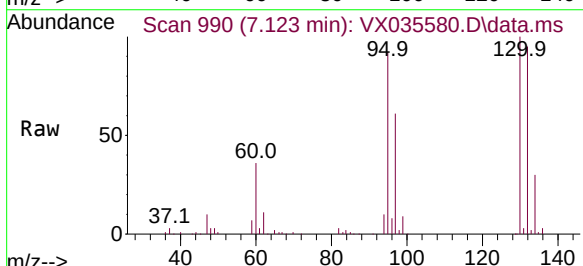
RT: 7.123 min Scan# 990

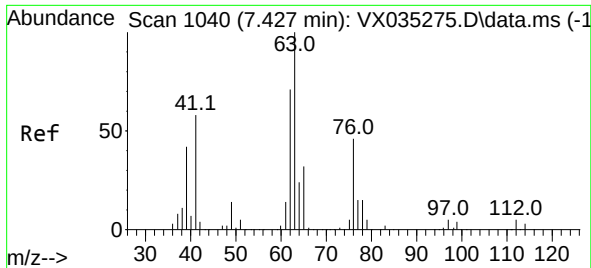
Delta R.T. 0.001 min

Lab File: VX035580.D

Acq: 10 May 2023 12:30

Tgt Ion:	130	Resp:	74361
Ion Ratio	Lower	Upper	
130	100		
95	91.9	0.0	198.4





#45

1,2-Dichloropropane

Concen: 18.149 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VX035580.D

Acq: 10 May 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBS01

Tgt Ion: 63 Resp: 64330

Ion Ratio Lower Upper

63 100

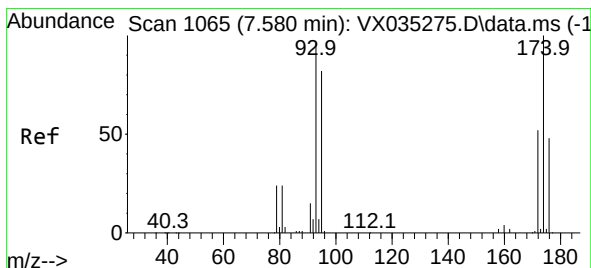
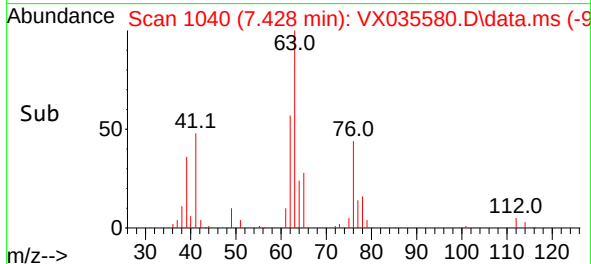
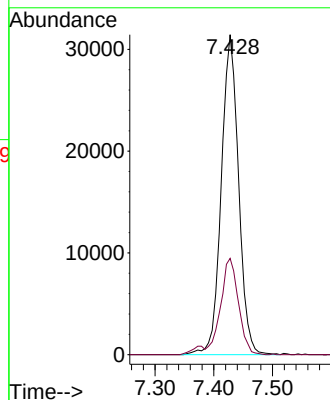
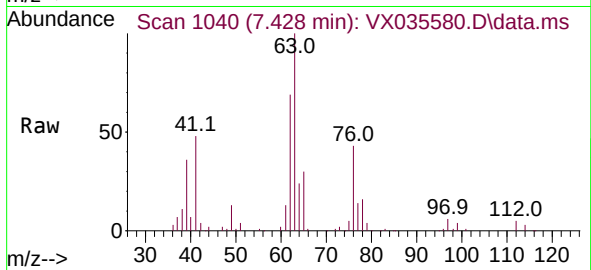
65 30.1 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/11/2023



#46

Dibromomethane

Concen: 17.741 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX035580.D

Acq: 10 May 2023 12:30

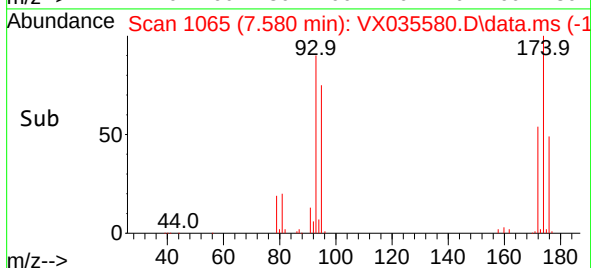
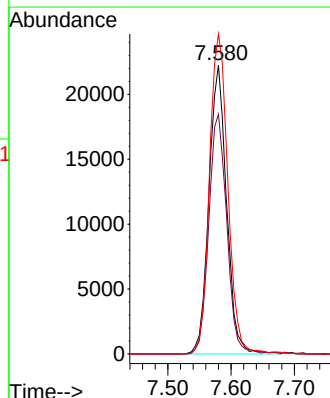
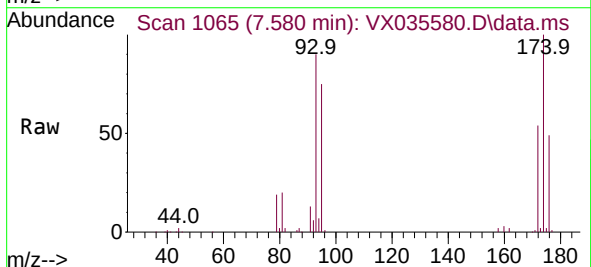
Tgt Ion: 93 Resp: 43189

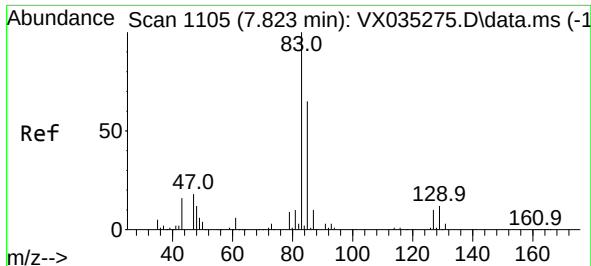
Ion Ratio Lower Upper

93 100

95 84.3 66.9 100.3

174 115.1 75.4 113.0#





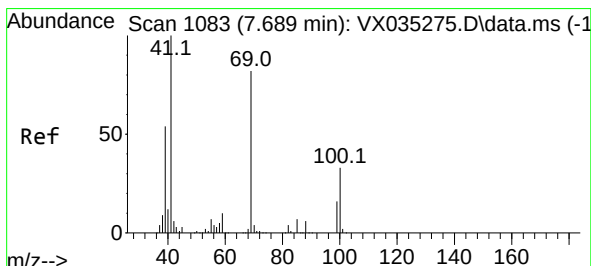
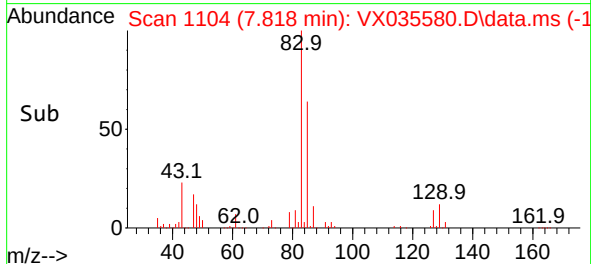
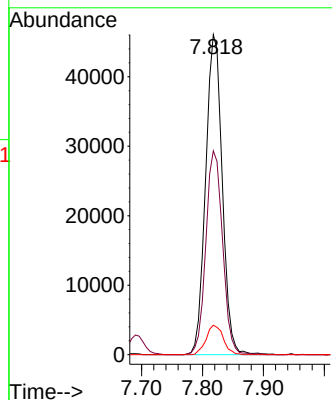
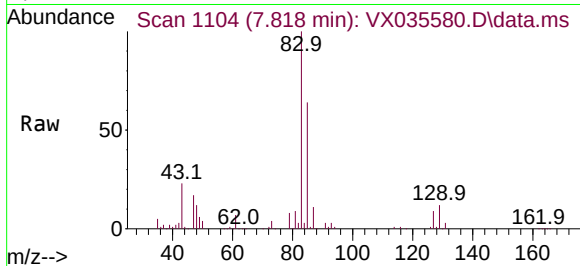
#47
Bromodichloromethane
Concen: 19.466 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.005 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0510MBS01

Tgt Ion: 83 Resp: 87309
Ion Ratio Lower Upper
83 100
85 63.7 52.2 78.4
127 9.2 6.6 9.8

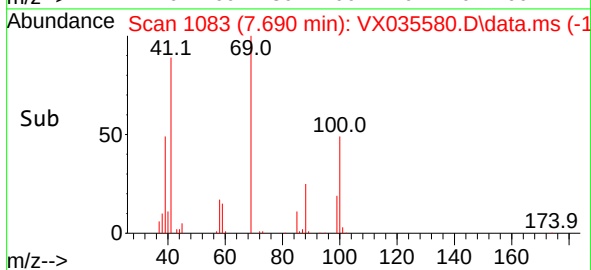
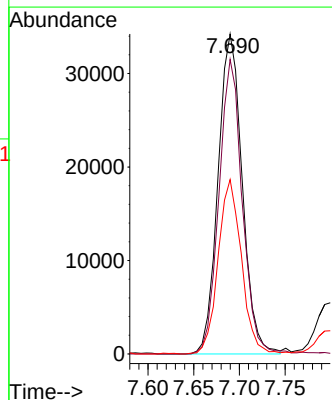
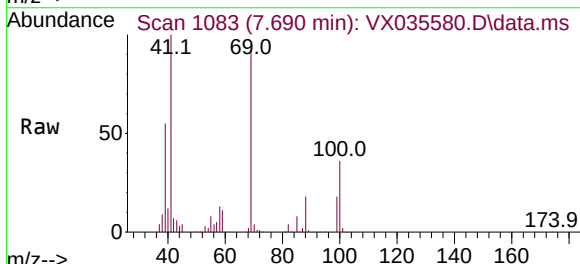
Manual Integrations
APPROVED

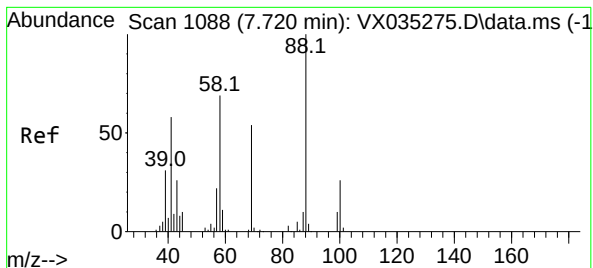
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#48
Methyl methacrylate
Concen: 17.073 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

Tgt Ion: 41 Resp: 62999
Ion Ratio Lower Upper
41 100
69 88.7 62.2 93.4
39 52.7 47.7 71.5





#49

1,4-Dioxane

Concen: 321.135 ug/l

RT: 7.702 min Scan# 1088

Delta R.T. -0.018 min

Lab File: VX035580.D

Acq: 10 May 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBS01

Tgt Ion: 88 Resp: 28884

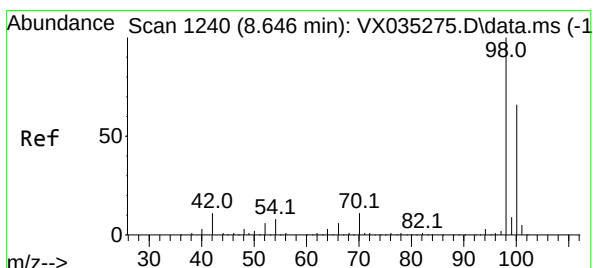
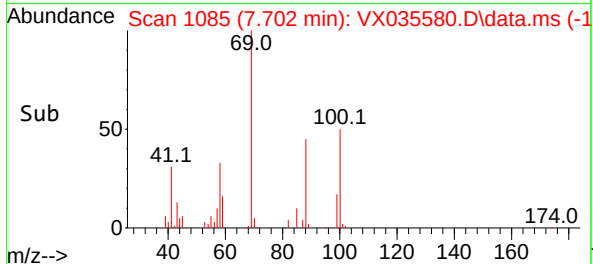
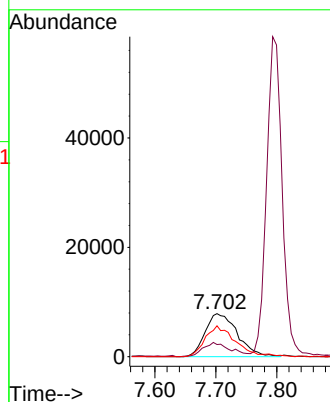
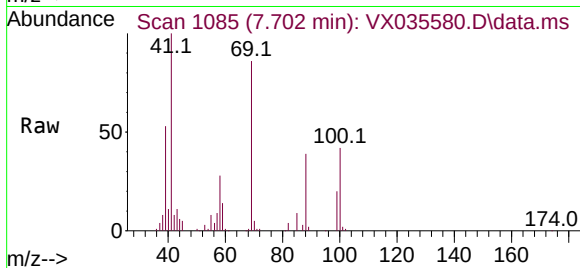
Ion	Ratio	Lower	Upper
88	100		
43	28.6	27.7	41.5
58	65.0	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/11/2023



#50

Toluene-d8

Concen: 52.081 ug/l

RT: 8.647 min Scan# 1240

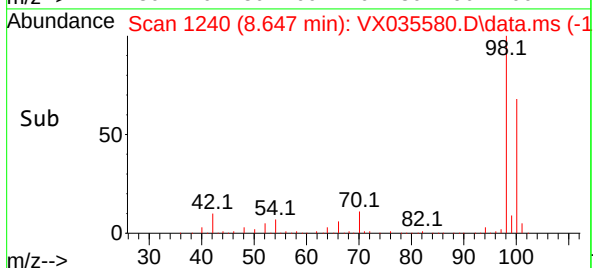
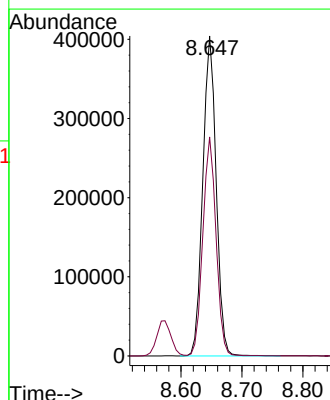
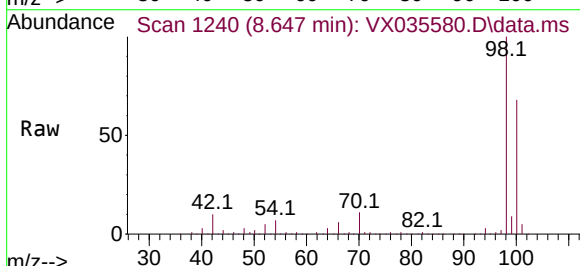
Delta R.T. 0.001 min

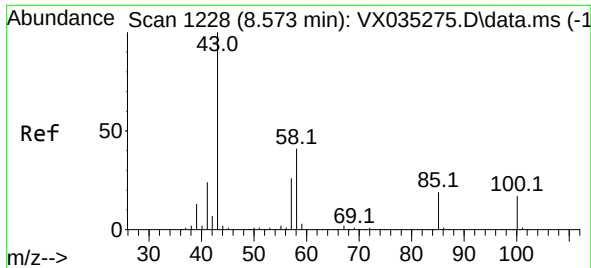
Lab File: VX035580.D

Acq: 10 May 2023 12:30

Tgt Ion: 98 Resp: 616732

Ion	Ratio	Lower	Upper
98	100		
100	67.4	52.5	78.7





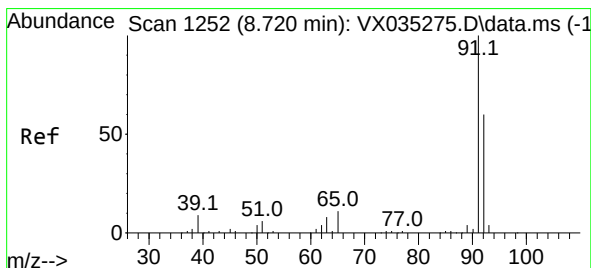
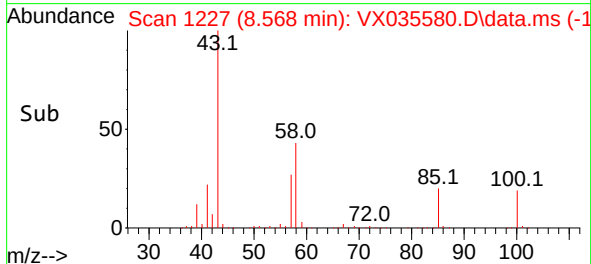
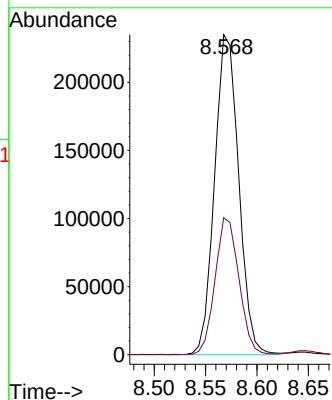
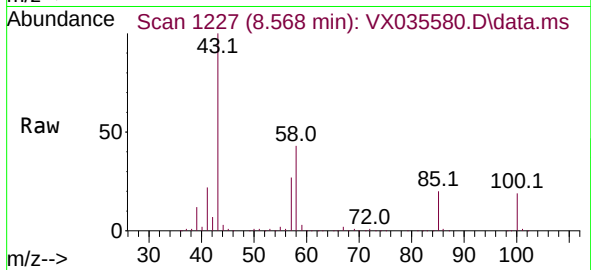
#51
4-Methyl-2-Pentanone
Concen: 82.864 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.005 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0510MBS01

Tgt Ion: 43 Resp: 382954
Ion Ratio Lower Upper
43 100
58 42.4 30.6 46.0

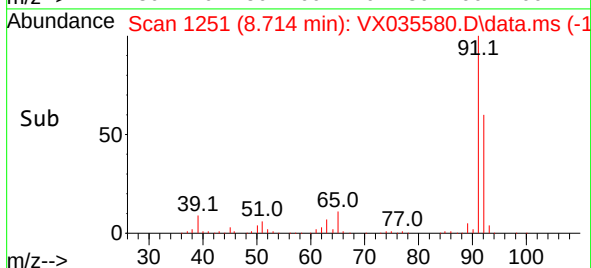
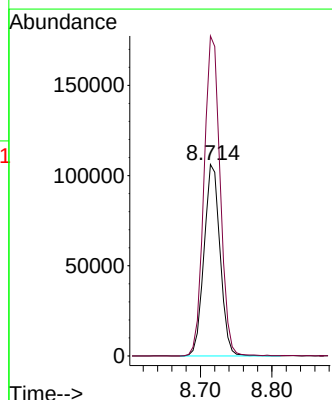
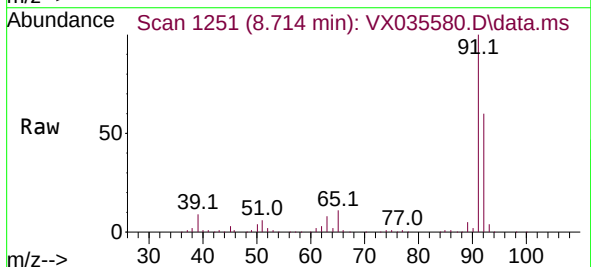
Manual Integrations
APPROVED

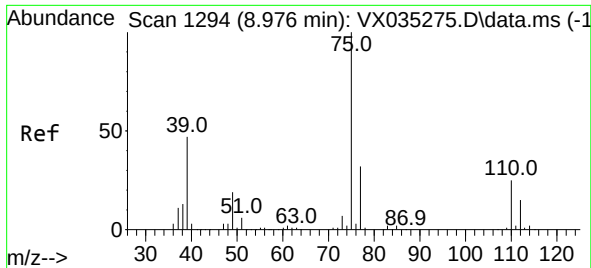
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#52
Toluene
Concen: 18.540 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

Tgt Ion: 92 Resp: 165247
Ion Ratio Lower Upper
92 100
91 168.6 136.8 205.2





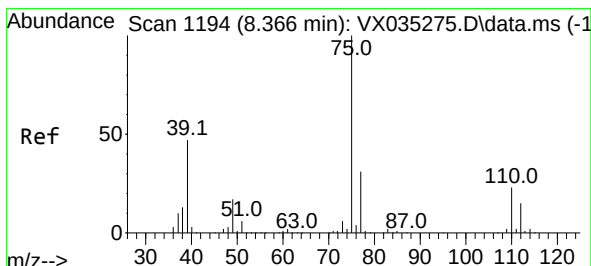
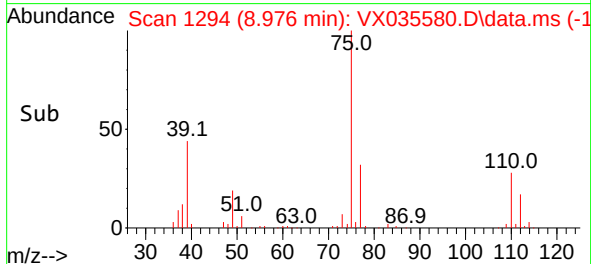
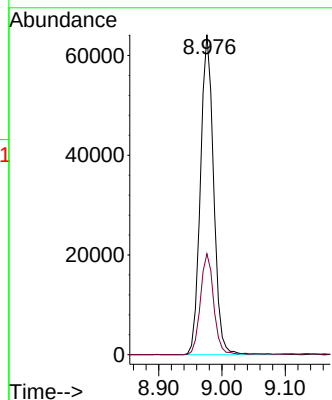
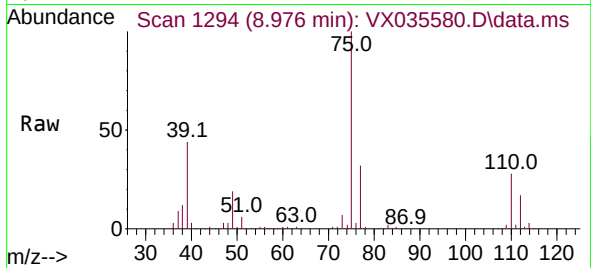
#53
t-1,3-Dichloropropene
Concen: 19.940 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0510MBS01

Tgt Ion: 75 Resp: 93400
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2

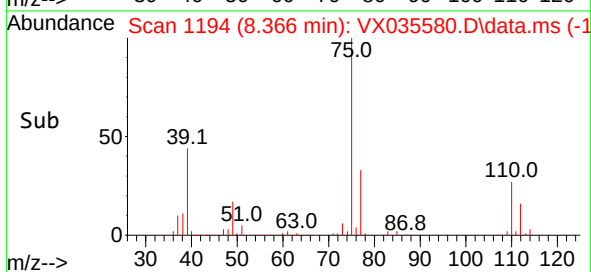
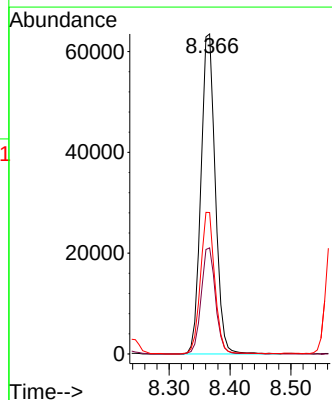
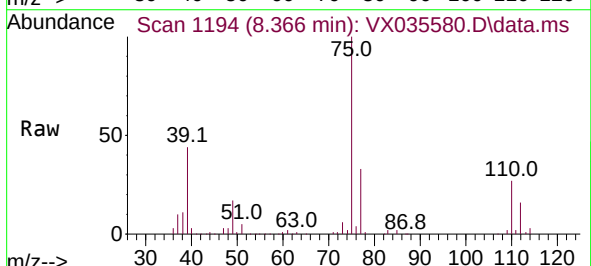
Manual Integrations
APPROVED

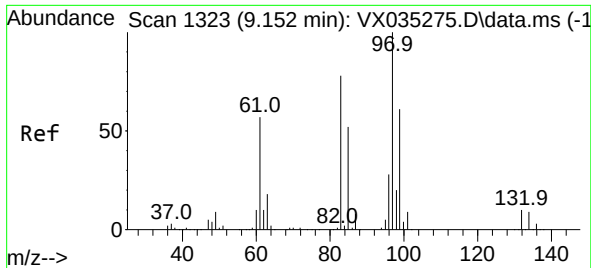
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#54
cis-1,3-Dichloropropene
Concen: 19.642 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

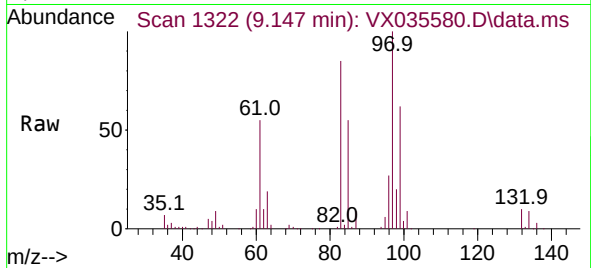
Tgt Ion: 75 Resp: 103991
Ion Ratio Lower Upper
75 100
77 33.1 25.0 37.4
39 44.2 44.6 66.8#





#55
1,1,2-Trichloroethane
Concen: 18.184 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.005 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0510MBS01

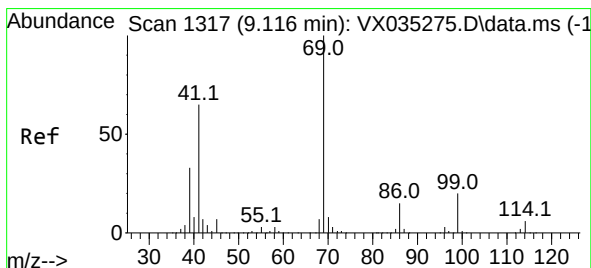
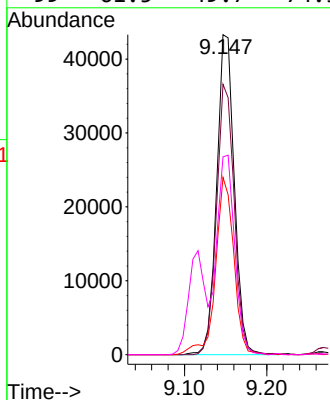
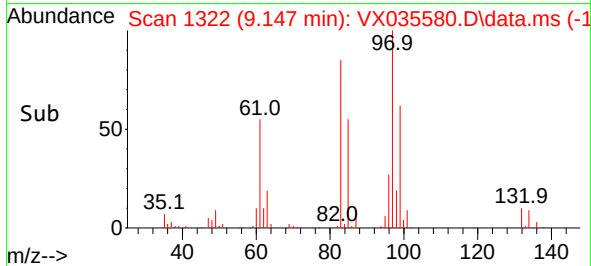


Tgt Ion: 97 Resp: 64608

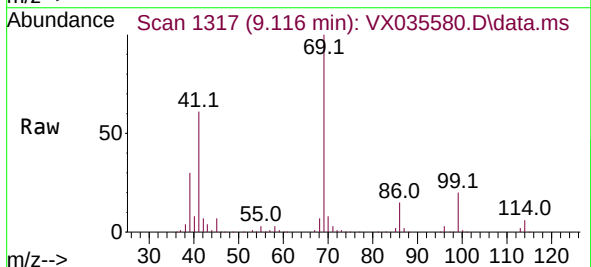
Ion	Ratio	Lower	Upper
97	100		
83	84.5	69.7	104.5
85	55.3	43.7	65.5
99	61.5	49.7	74.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023

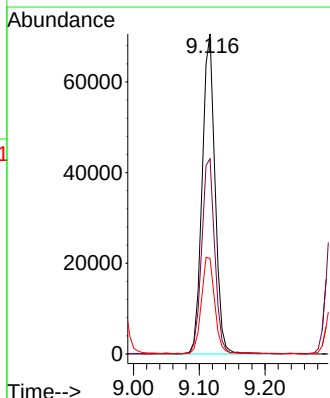
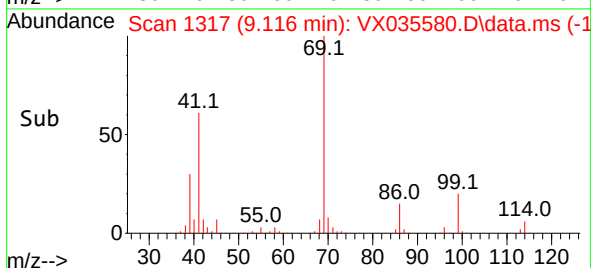


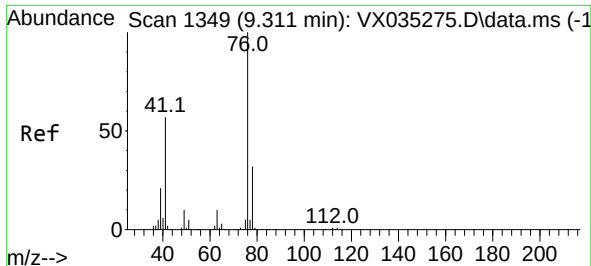
#56
Ethyl methacrylate
Concen: 18.122 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30



Tgt Ion: 69 Resp: 95920

Ion	Ratio	Lower	Upper
69	100		
41	62.7	57.4	86.0
39	31.4	33.7	50.5





#57

1,3-Dichloropropane

Concen: 17.713 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. -0.006 min

Lab File: VX035580.D

Acq: 10 May 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBS01

Tgt Ion: 76 Resp: 107650

Ion Ratio Lower Upper

76 100

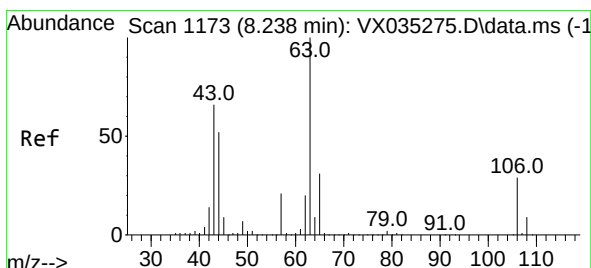
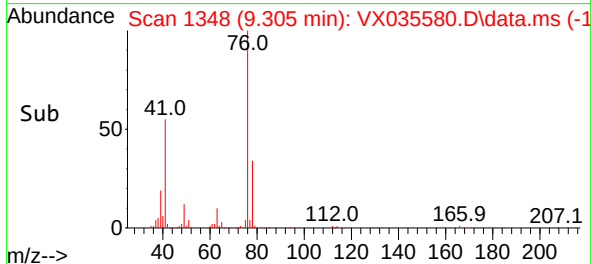
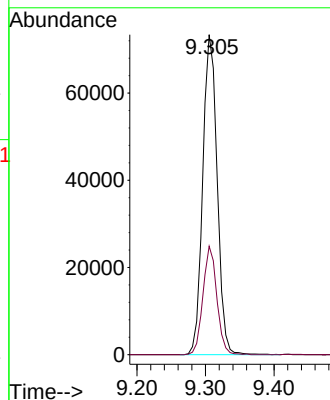
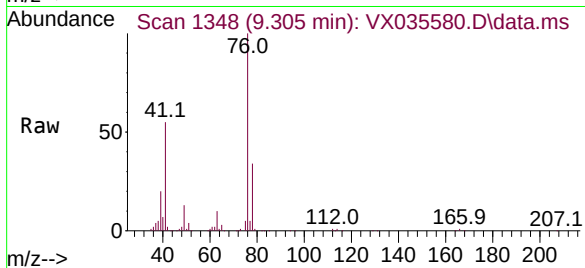
78 32.6 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/11/2023



#58

2-Chloroethyl Vinyl ether

Concen: 106.492 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035580.D

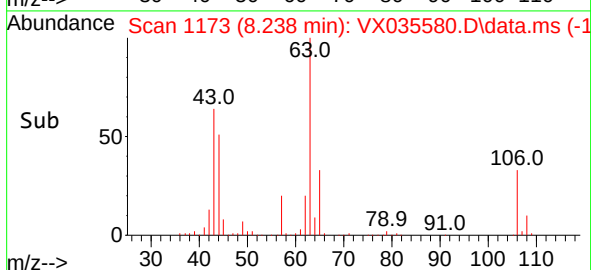
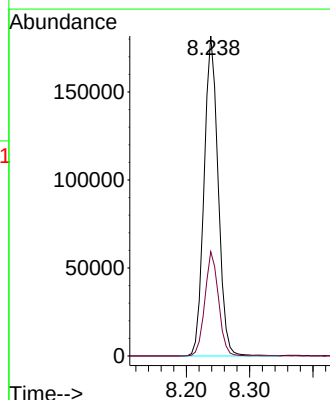
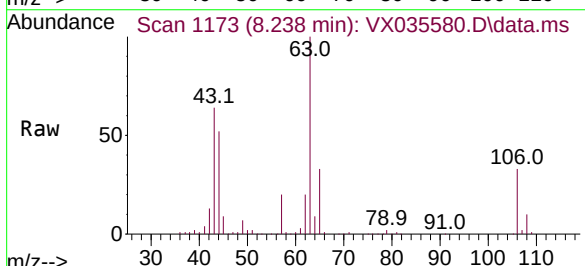
Acq: 10 May 2023 12:30

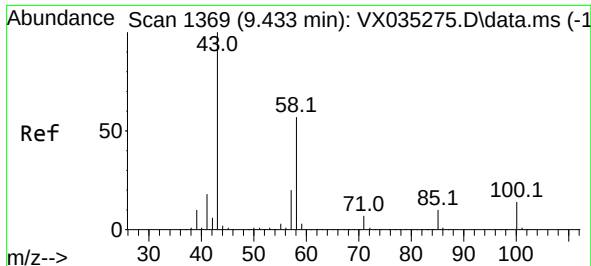
Tgt Ion: 63 Resp: 281837

Ion Ratio Lower Upper

63 100

106 31.7 22.2 33.2





#59

2-Hexanone

Concen: 82.232 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX035580.D

Acq: 10 May 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBS01

Tgt Ion: 43 Resp: 28549

Ion Ratio Lower Upper

43 100

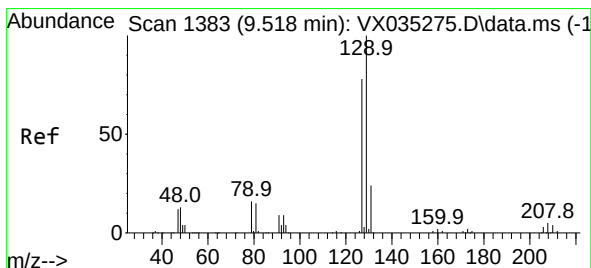
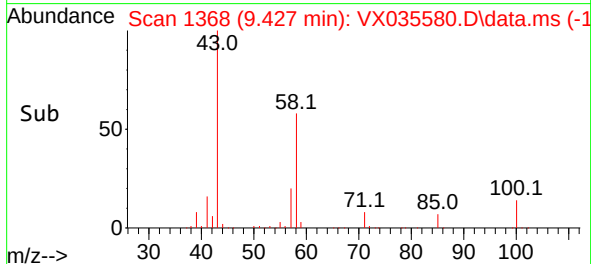
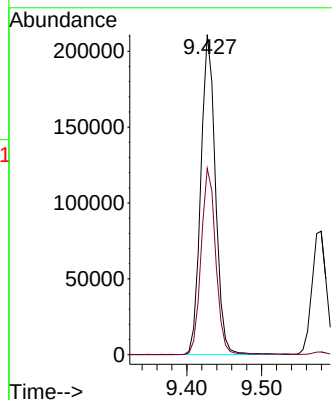
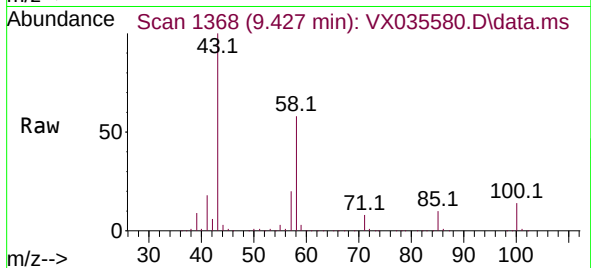
58 58.5 26.3 78.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/11/2023



#60

Dibromochloromethane

Concen: 21.501 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.001 min

Lab File: VX035580.D

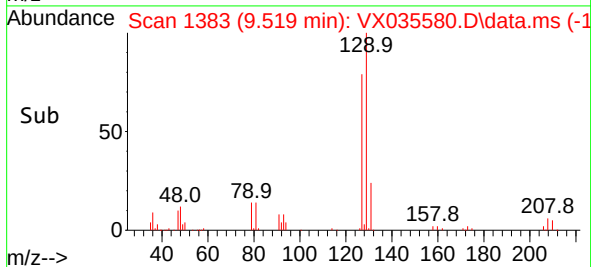
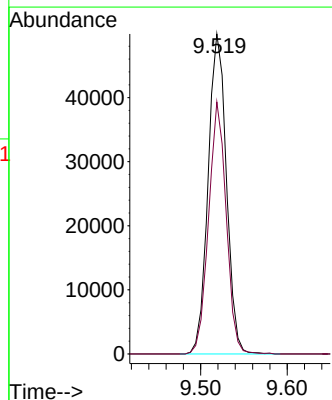
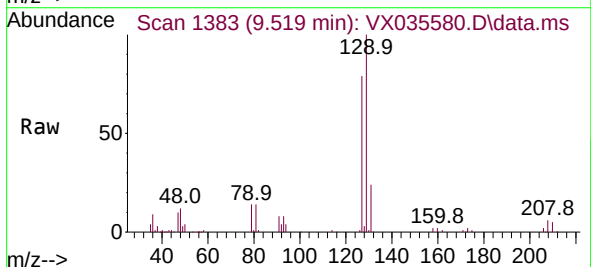
Acq: 10 May 2023 12:30

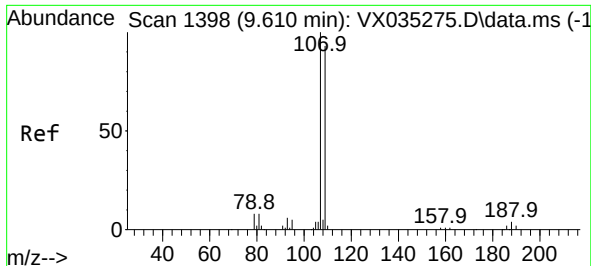
Tgt Ion:129 Resp: 73196

Ion Ratio Lower Upper

129 100

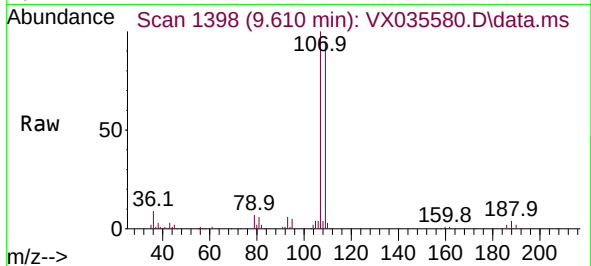
127 75.9 39.0 117.0





#61
1,2-Dibromoethane
Concen: 18.820 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

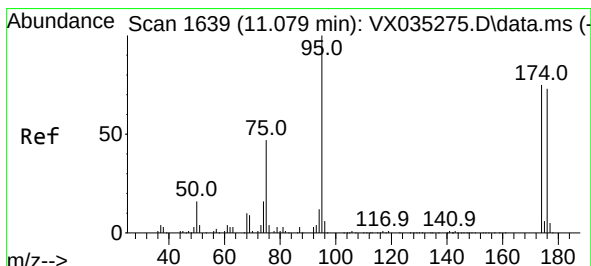
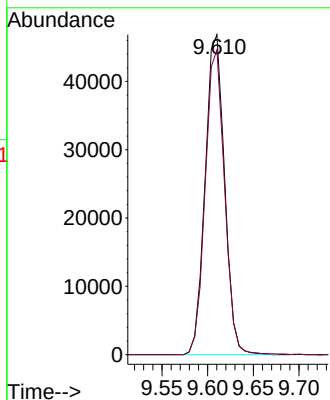
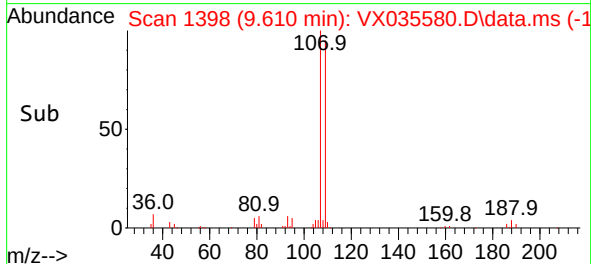
Instrument :
MSVOA_X
ClientSampleId :
VX0510MBS01



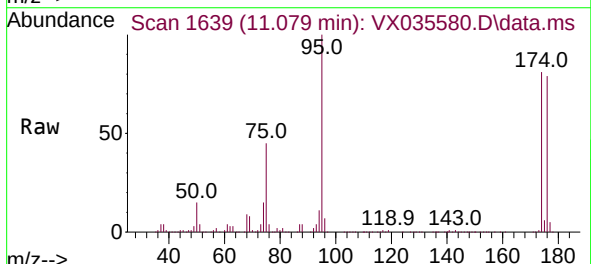
Tgt Ion:107 Resp: 68930
Ion Ratio Lower Upper
107 100
109 95.1 75.3 112.9

Manual Integrations
APPROVED

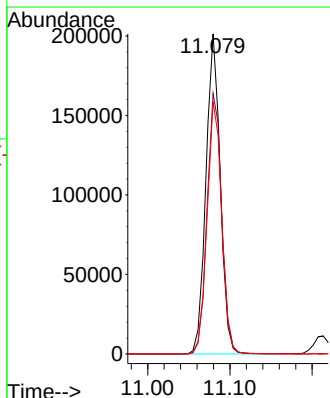
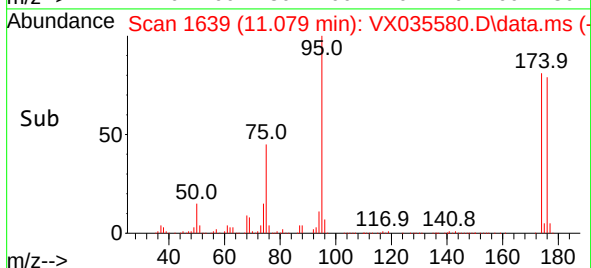
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023

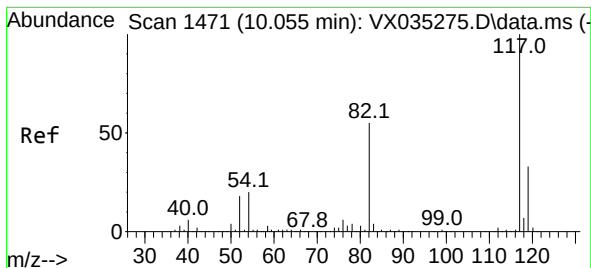


#62
4-Bromofluorobenzene
Concen: 54.461 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30



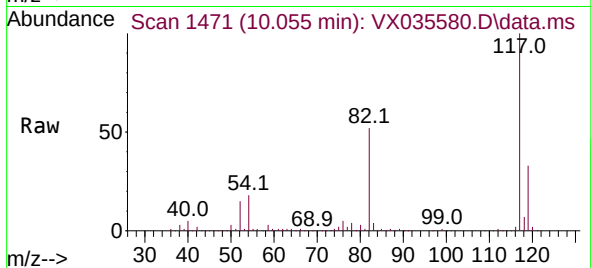
Tgt Ion: 95 Resp: 242604
Ion Ratio Lower Upper
95 100
174 83.8 0.0 147.4
176 80.7 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

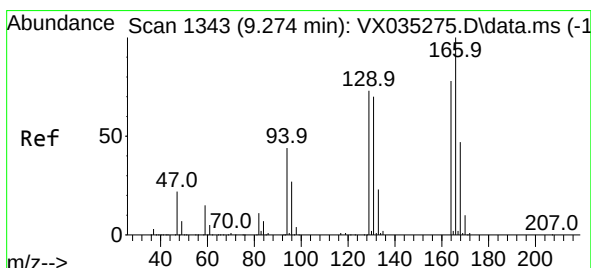
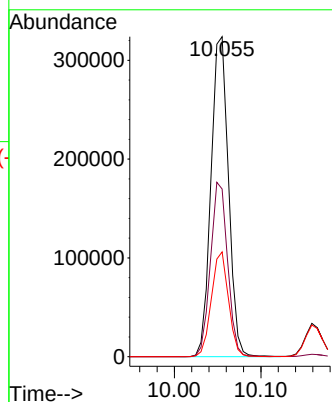
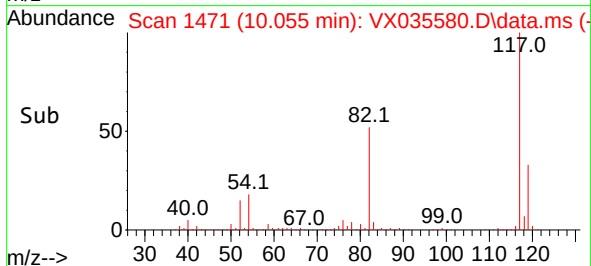
Instrument :
MSVOA_X
ClientSampleId :
VX0510MBS01



Tgt Ion:117 Resp: 45410
Ion Ratio Lower Upper
117 100
82 52.4 45.0 67.4
119 32.7 26.0 39.0

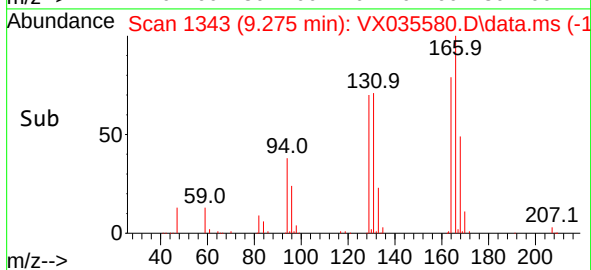
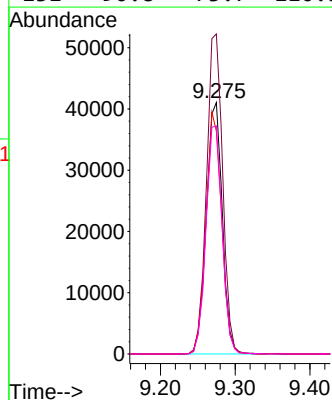
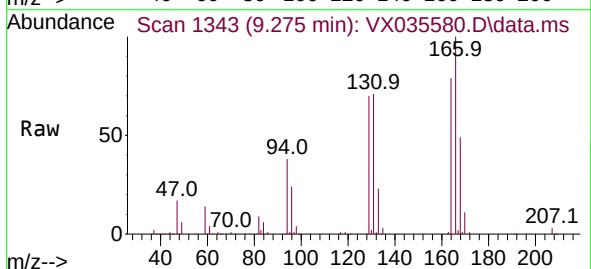
Manual Integrations
APPROVED

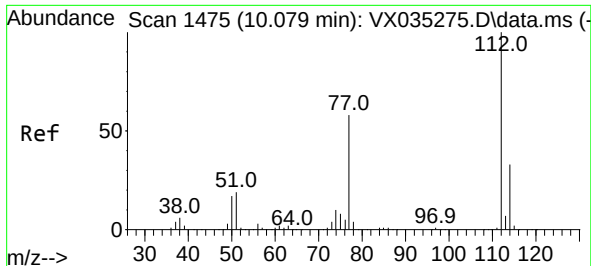
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#64
Tetrachloroethene
Concen: 17.528 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

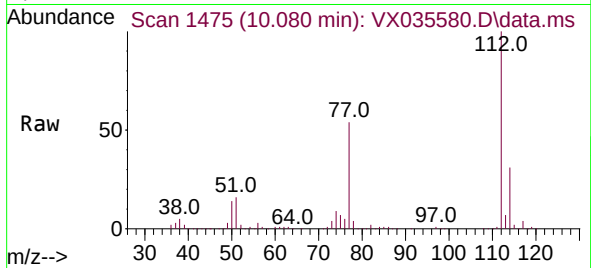
Tgt Ion:164 Resp: 60944
Ion Ratio Lower Upper
164 100
166 127.3 102.7 154.1
129 88.6 75.6 113.4
131 90.8 73.7 110.5





#65
Chlorobenzene
Concen: 18.366 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

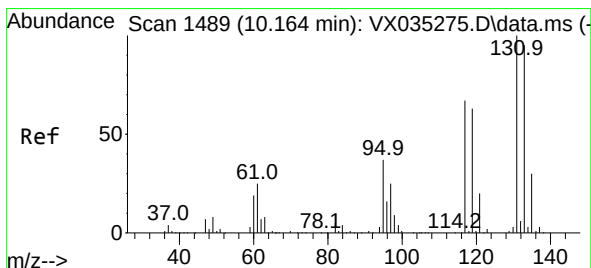
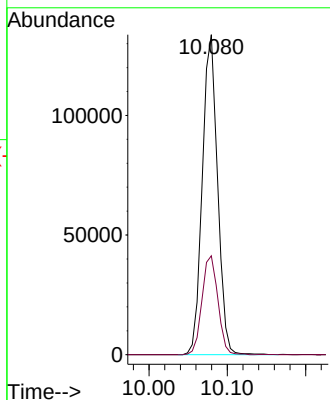
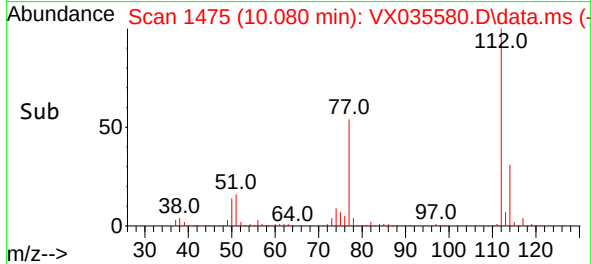
Instrument :
MSVOA_X
ClientSampleId :
VX0510MBS01



Tgt Ion:112 Resp: 180438
Ion Ratio Lower Upper
112 100
114 30.9 26.2 39.2

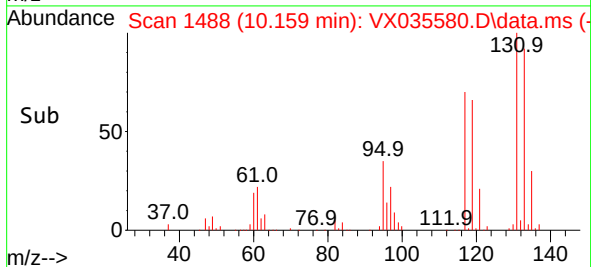
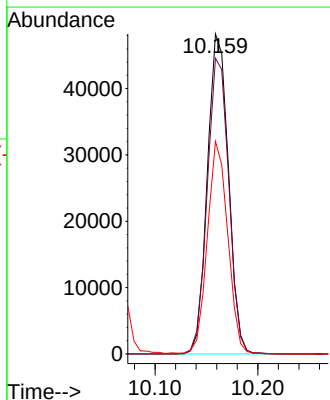
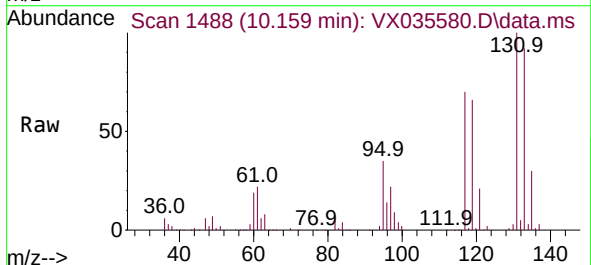
Manual Integrations
APPROVED

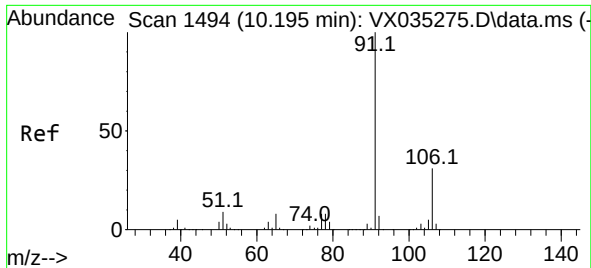
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.056 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.005 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

Tgt Ion:131 Resp: 68576
Ion Ratio Lower Upper
131 100
133 94.5 47.1 141.4
119 64.4 32.6 98.0





#67

Ethyl Benzene

Concen: 18.585 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX035580.D

Acq: 10 May 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBS01

Tgt Ion: 91 Resp: 316205

Ion Ratio Lower Upper

91 100

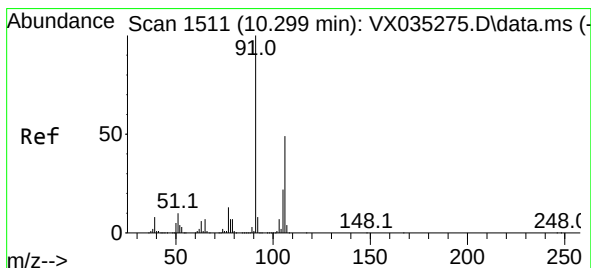
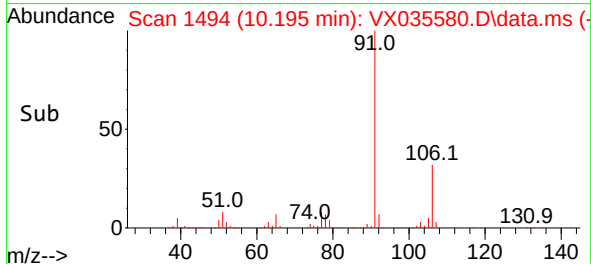
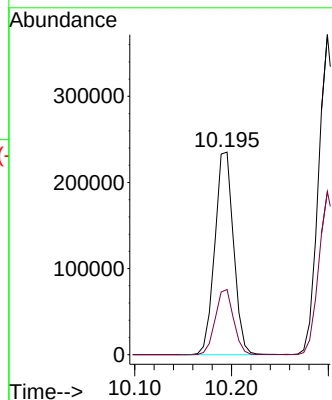
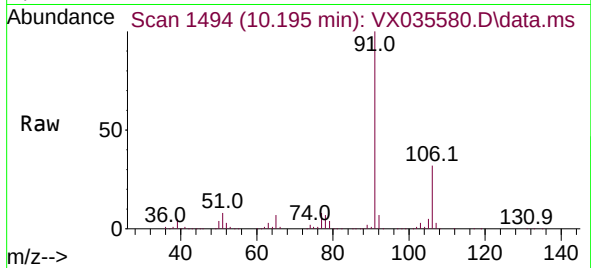
106 32.1 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/11/2023



#68

m/p-Xylenes

Concen: 38.341 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX035580.D

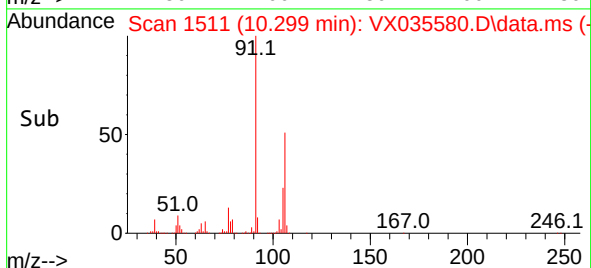
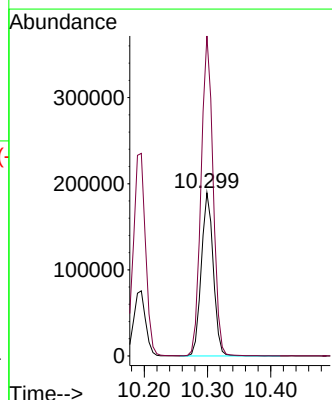
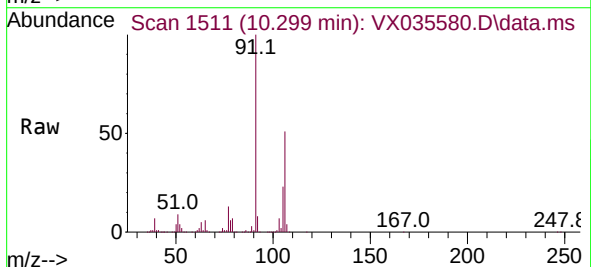
Acq: 10 May 2023 12:30

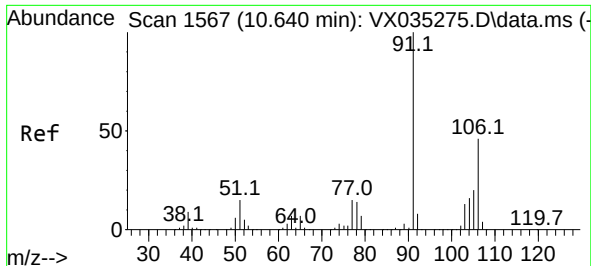
Tgt Ion:106 Resp: 249965

Ion Ratio Lower Upper

106 100

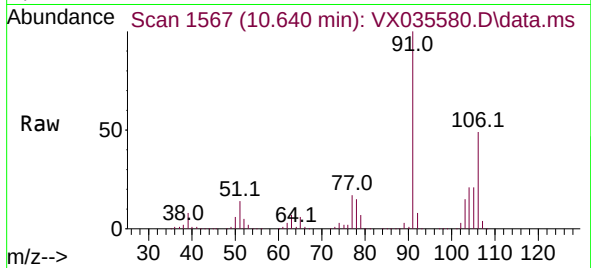
91 196.3 164.0 246.0





#69
o-Xylene
Concen: 19.379 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

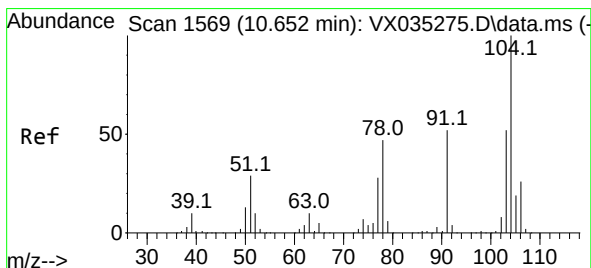
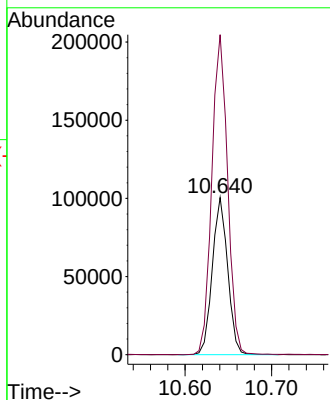
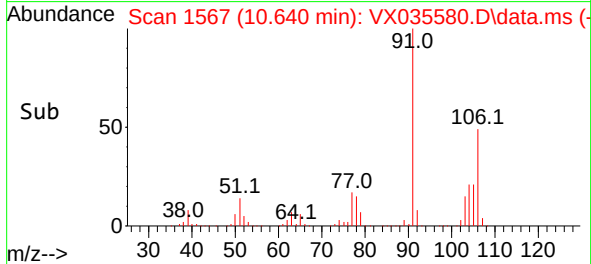
Instrument :
MSVOA_X
ClientSampleId :
VX0510MBS01



Tgt Ion:106 Resp: 123889
Ion Ratio Lower Upper
106 100
91 209.4 108.5 325.3

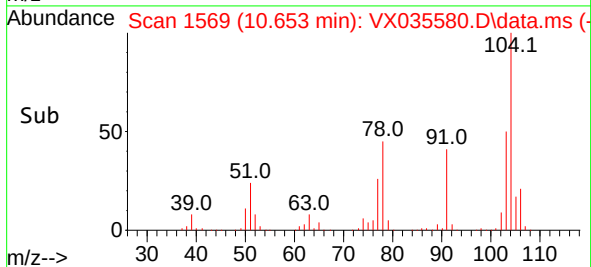
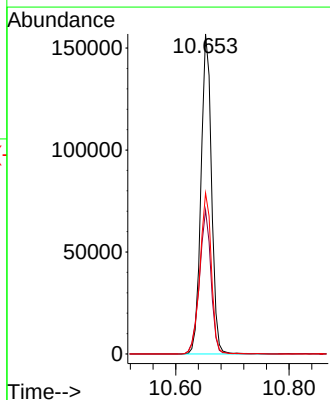
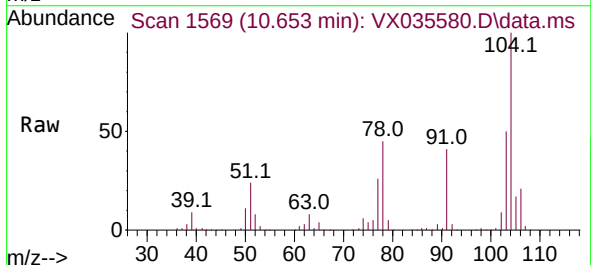
Manual Integrations
APPROVED

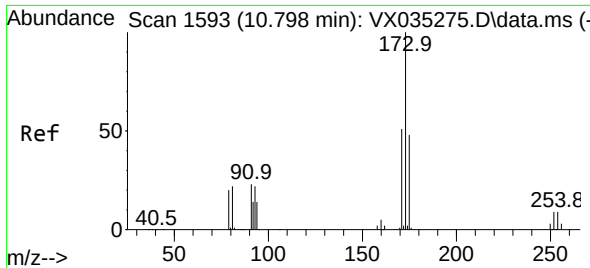
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#70
Styrene
Concen: 19.473 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.001 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

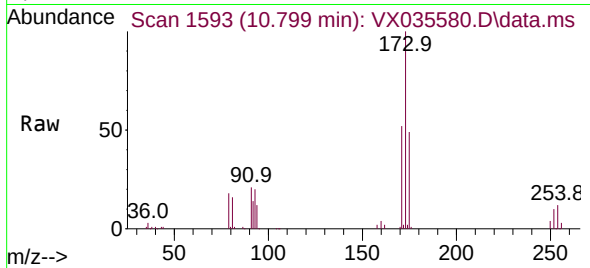
Tgt Ion:104 Resp: 201846
Ion Ratio Lower Upper
104 100
78 49.2 43.4 65.2
103 54.6 44.2 66.2





#71
Bromoform
Concen: 22.696 ug/l
RT: 10.799 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

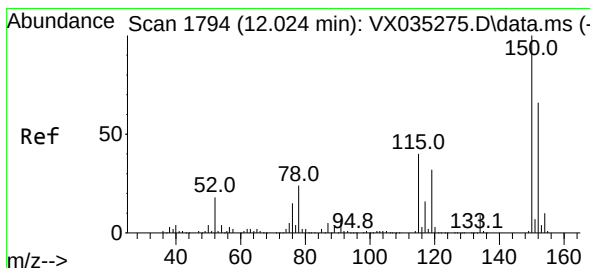
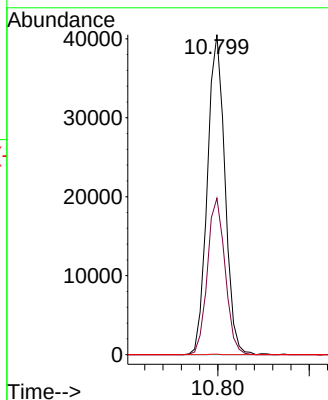
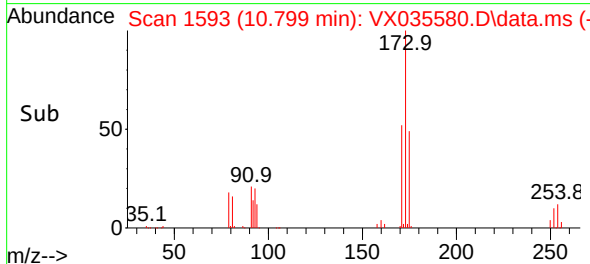
Instrument :
MSVOA_X
ClientSampleId :
VX0510MBS01



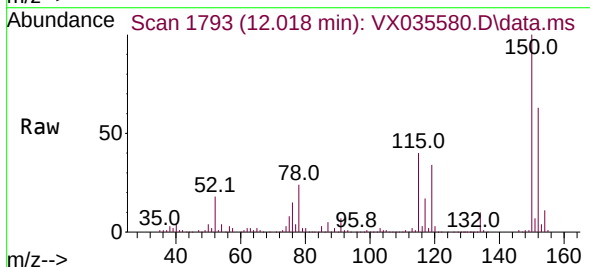
Tgt Ion:173 Resp: 5397
Ion Ratio Lower Upper
173 100
175 49.2 24.1 72.4
254 0.1 0.1 0.1

Manual Integrations
APPROVED

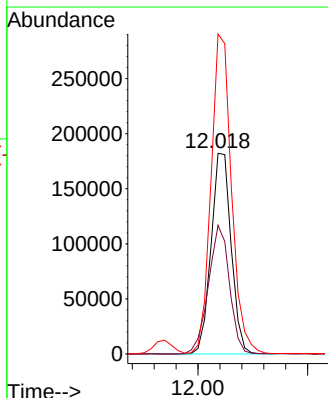
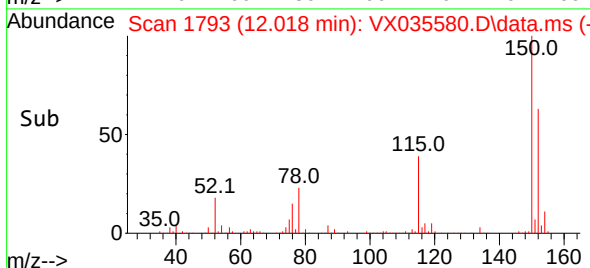
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023

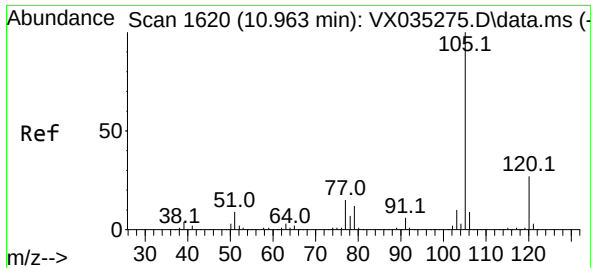


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30



Tgt Ion:152 Resp: 232176
Ion Ratio Lower Upper
152 100
115 67.0 45.0 135.0
150 162.1 0.0 352.4





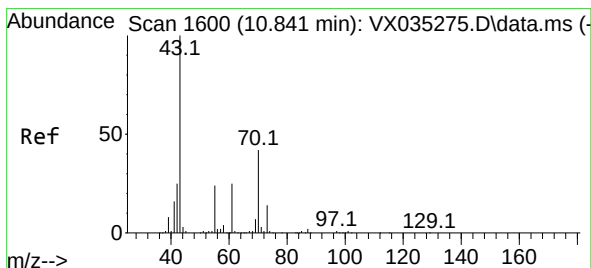
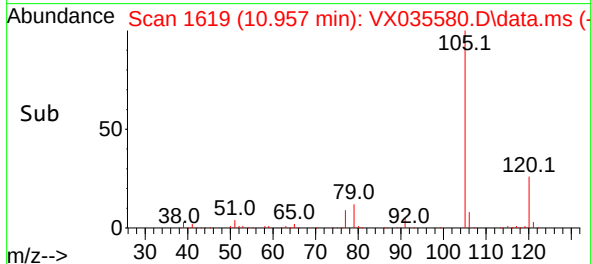
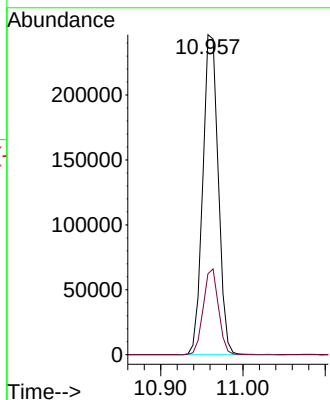
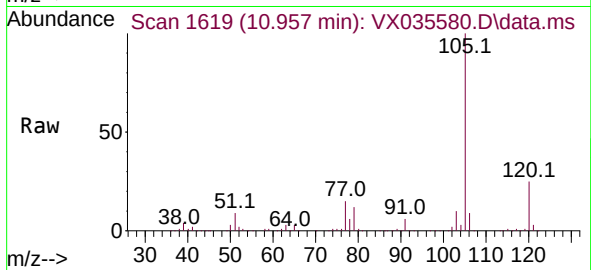
#73
Isopropylbenzene
Concen: 19.012 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0510MBS01

Tgt Ion:105 Resp: 32267
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9

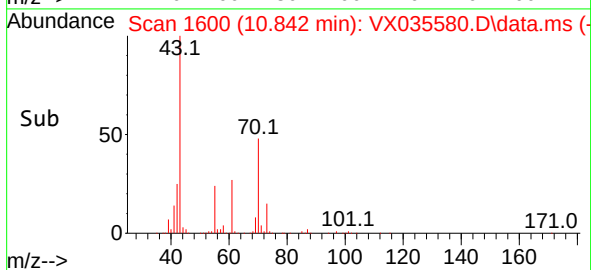
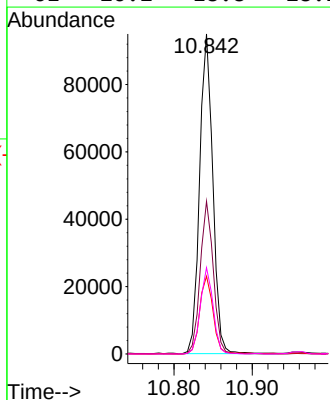
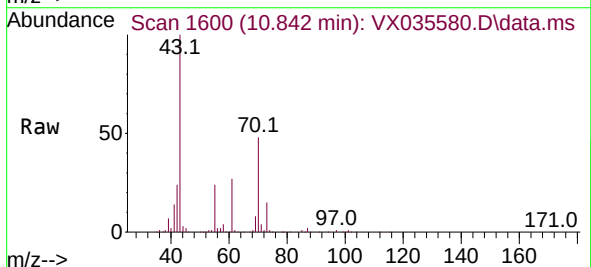
Manual Integrations
APPROVED

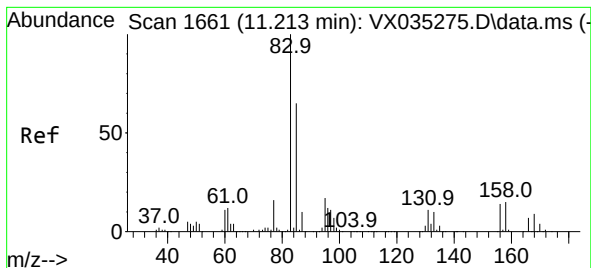
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#74
N-ethyl acetate
Concen: 17.385 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

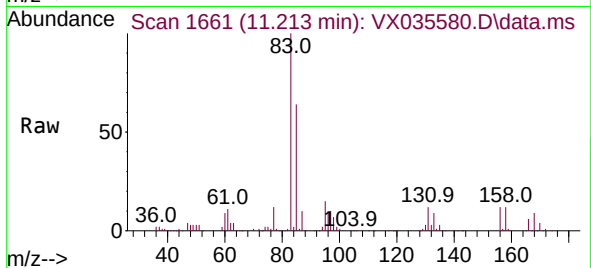
Tgt Ion: 43 Resp: 110884
Ion Ratio Lower Upper
43 100
70 47.4 32.1 48.1
55 24.8 18.3 27.5
61 26.2 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.258 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

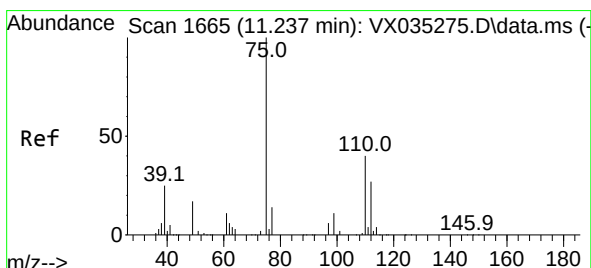
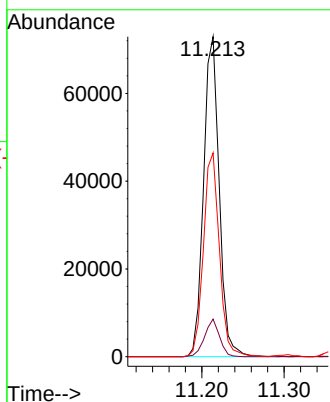
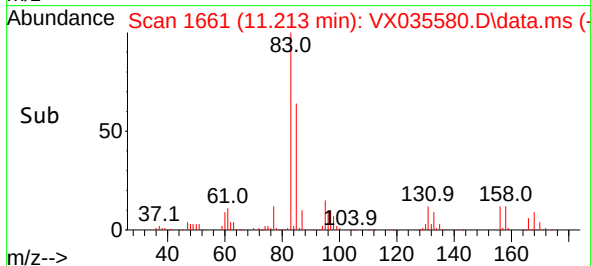
Instrument :
MSVOA_X
ClientSampleId :
VX0510MBS01



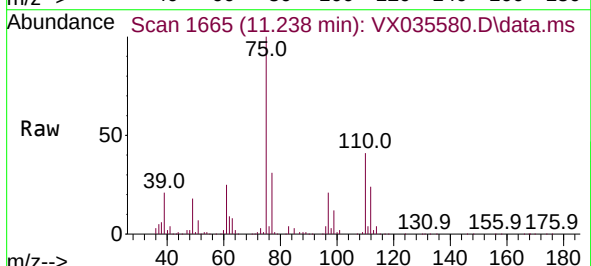
Tgt Ion: 83 Resp: 96179
Ion Ratio Lower Upper
83 100
131 11.2 4.8 14.3
85 65.1 32.0 96.0

Manual Integrations
APPROVED

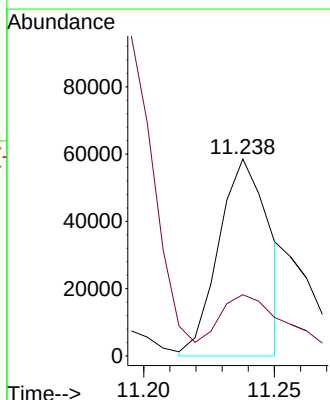
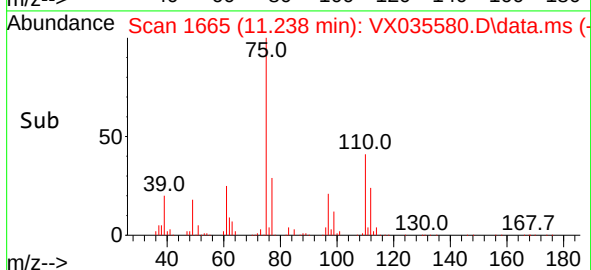
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023

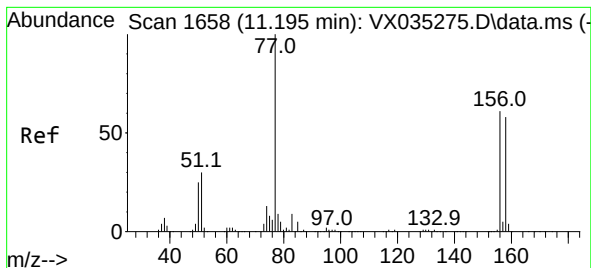


#76
1,2,3-Trichloropropane
Concen: 16.890 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30



Tgt Ion: 75 Resp: 78224
Ion Ratio Lower Upper
75 100
77 42.4 21.6 64.8





#77

Bromobenzene

Concen: 19.165 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035580.D

Acq: 10 May 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBS01

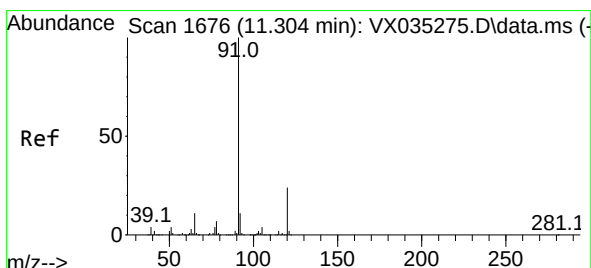
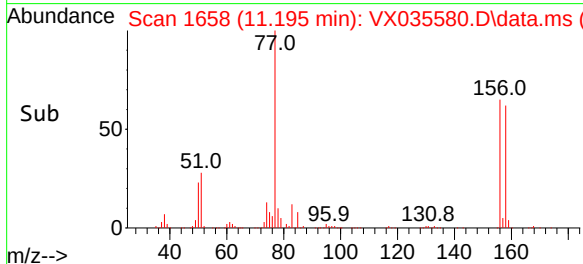
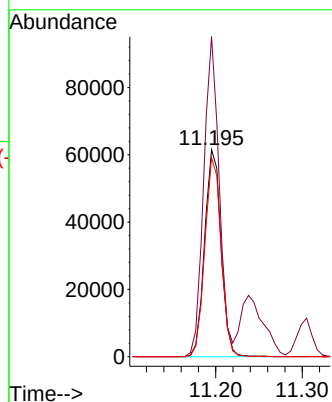
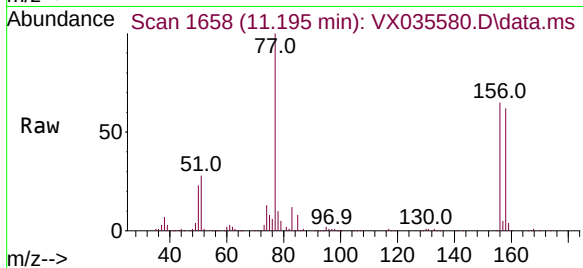
Tgt Ion:	156	Resp:	8085
Ion Ratio	Lower	Upper	
156	100		
77	146.0	86.7	259.9
158	95.3	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/11/2023



#78

n-propylbenzene

Concen: 18.164 ug/l

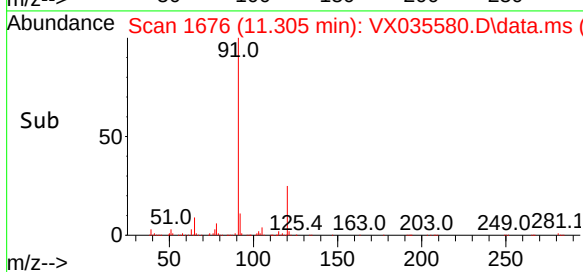
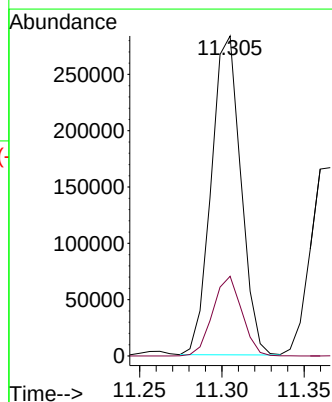
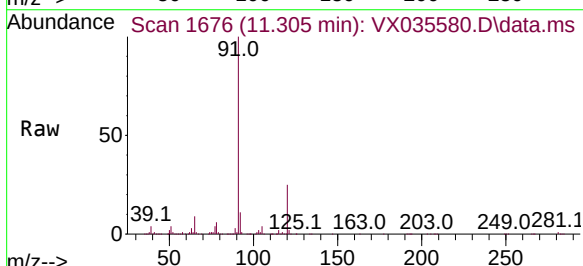
RT: 11.305 min Scan# 1676

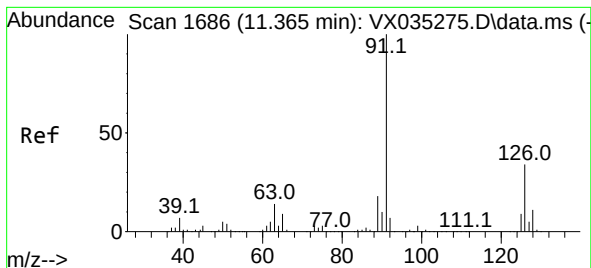
Delta R.T. 0.001 min

Lab File: VX035580.D

Acq: 10 May 2023 12:30

Tgt Ion:	91	Resp:	354049
Ion Ratio	Lower	Upper	
91	100		
120	24.6	11.5	34.5





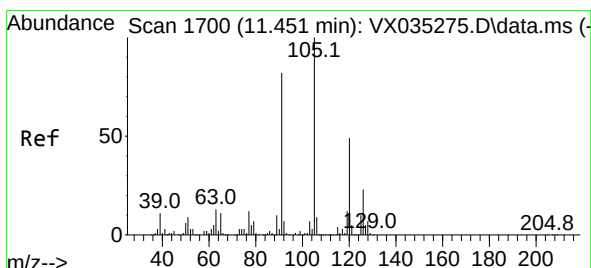
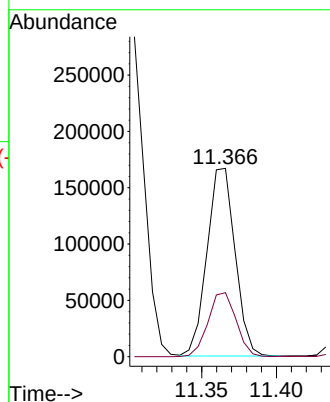
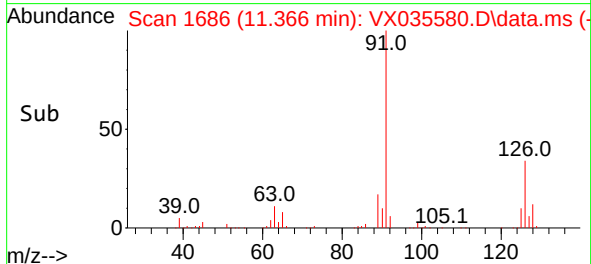
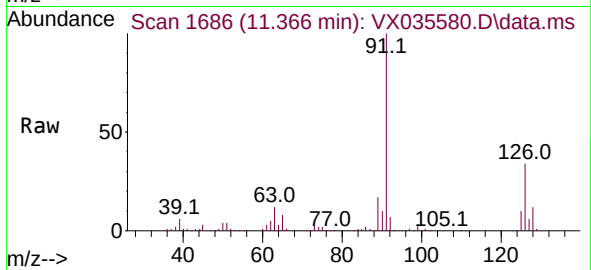
#79
2-Chlorotoluene
Concen: 17.913 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0510MBS01

Tgt Ion: 91 Resp: 218186
Ion Ratio Lower Upper
91 100
126 34.2 16.3 48.9

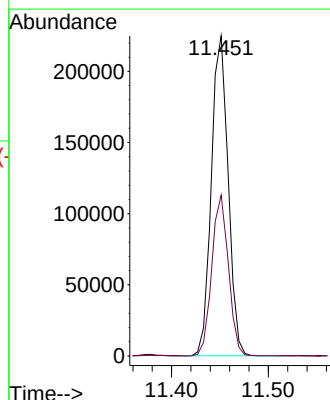
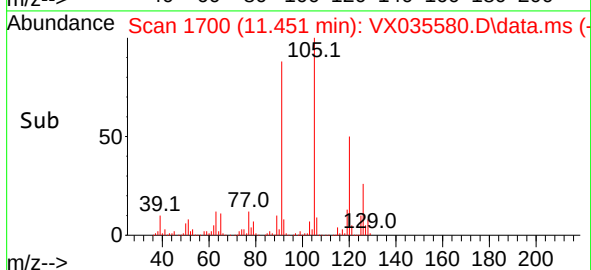
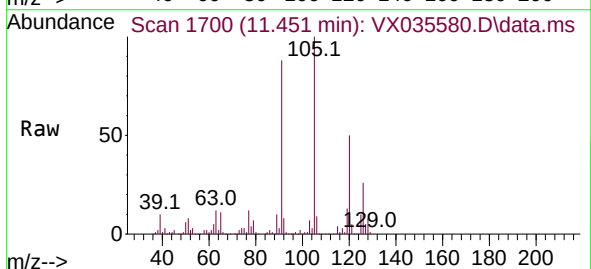
Manual Integrations
APPROVED

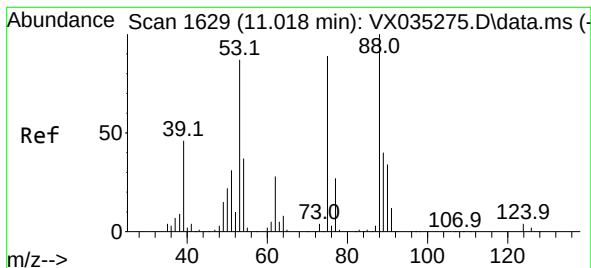
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.003 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

Tgt Ion:105 Resp: 271938
Ion Ratio Lower Upper
105 100
120 49.8 23.7 71.1





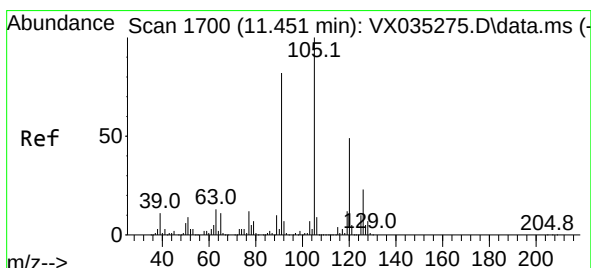
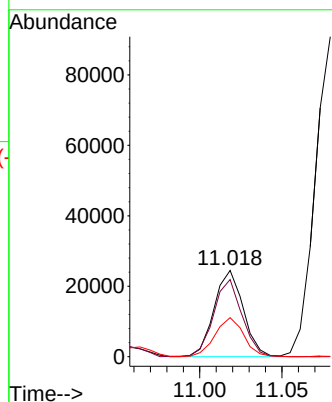
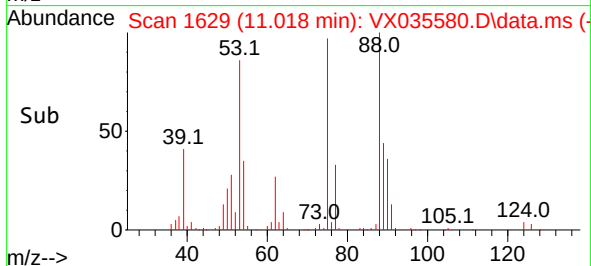
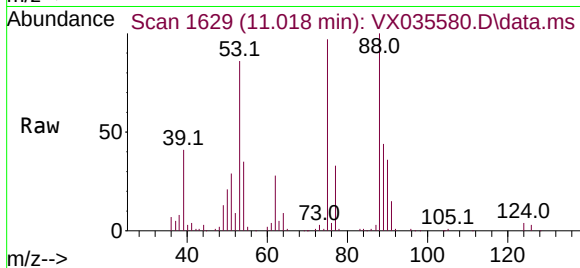
#81
trans-1,4-Dichloro-2-butene
Concen: 21.164 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0510MBS01

Tgt Ion: 75 Resp: 30264
Ion Ratio Lower Upper
75 100
53 87.2 82.6 124.0
89 44.6 36.9 55.3

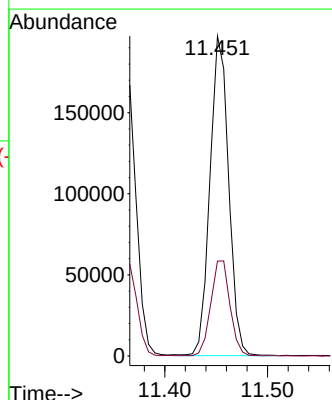
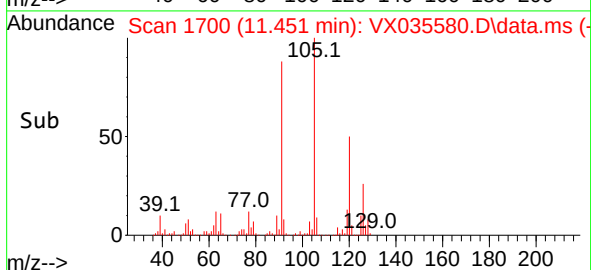
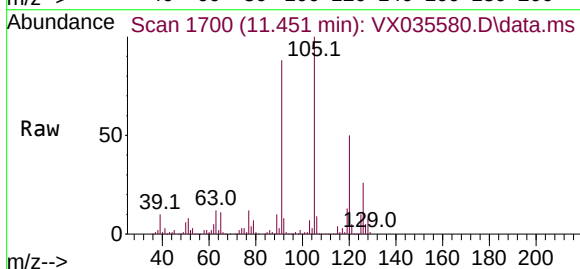
Manual Integrations
APPROVED

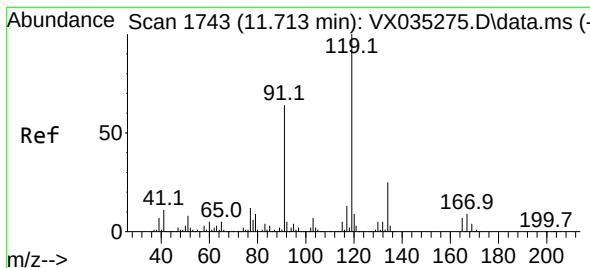
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#82
4-Chlorotoluene
Concen: 18.183 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

Tgt Ion: 91 Resp: 248742
Ion Ratio Lower Upper
91 100
126 30.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 19.530 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035580.D

Acq: 10 May 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBS01

Tgt Ion:119 Resp: 28042

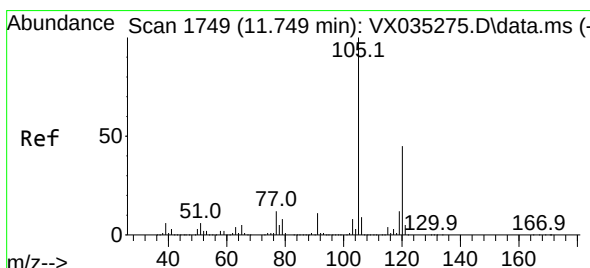
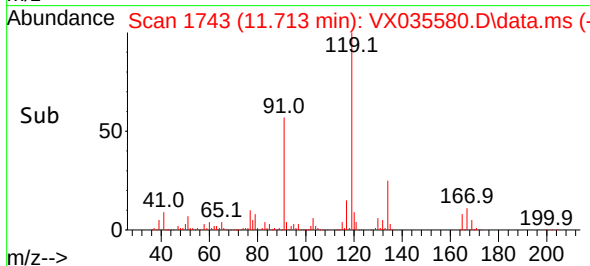
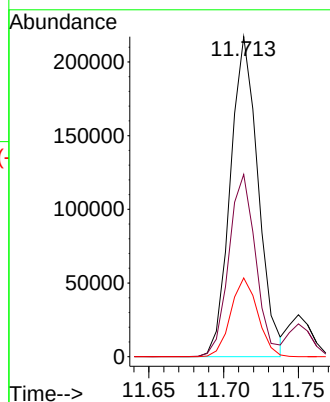
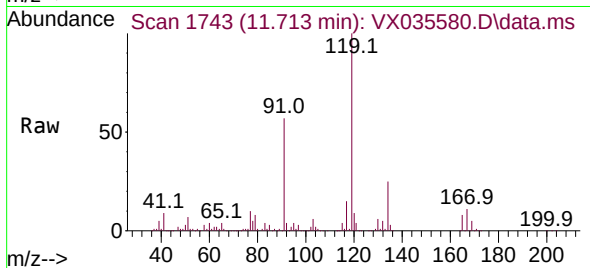
Ion	Ratio	Lower	Upper
119	100		
91	55.5	30.6	92.0
134	23.8	11.8	35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/11/2023



#84

1,2,4-Trimethylbenzene

Concen: 19.099 ug/l

RT: 11.750 min Scan# 1749

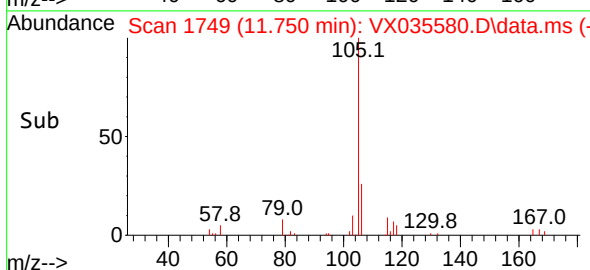
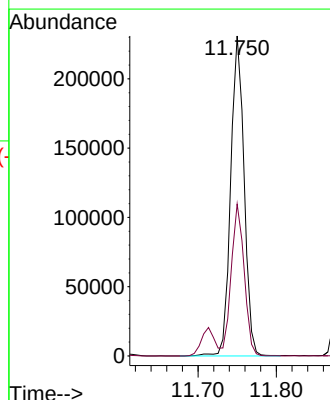
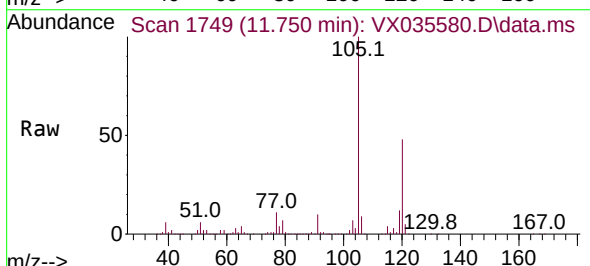
Delta R.T. 0.001 min

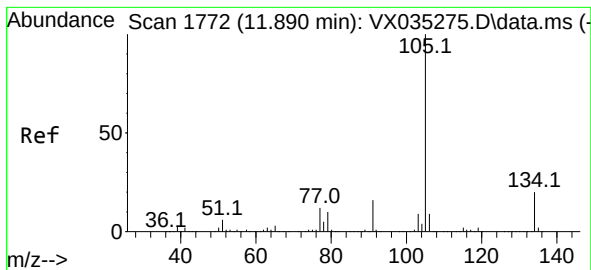
Lab File: VX035580.D

Acq: 10 May 2023 12:30

Tgt Ion:105 Resp: 274621

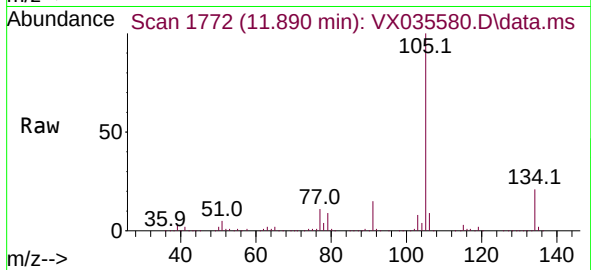
Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.4	67.0





#85
 sec-Butylbenzene
 Concen: 18.694 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035580.D
 Acq: 10 May 2023 12:30

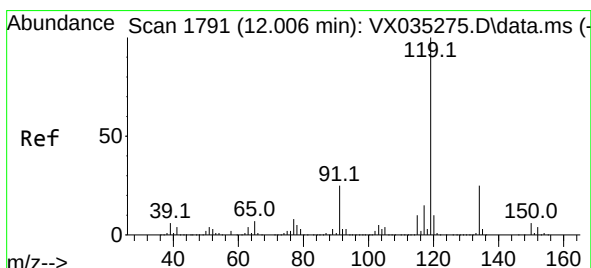
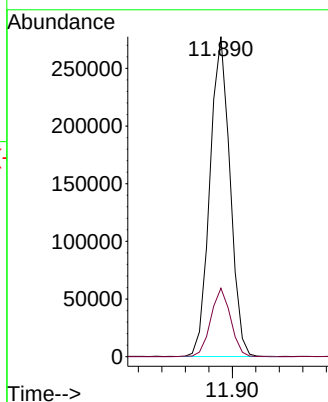
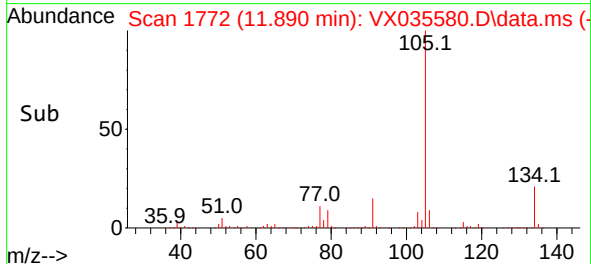
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510MBS01



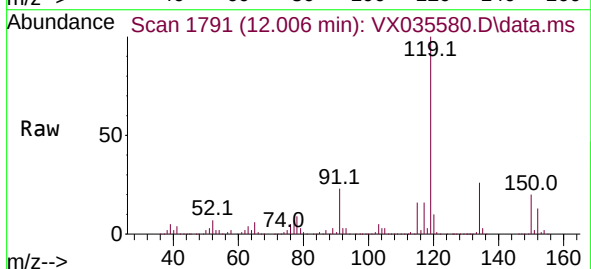
Tgt Ion:105 Resp: 32925
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.2 30.4

Manual Integrations
 APPROVED

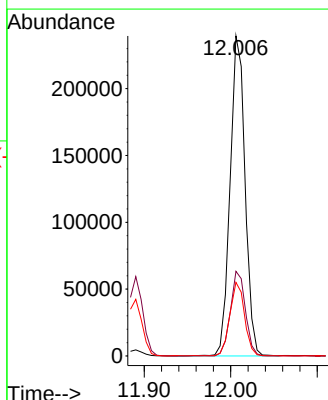
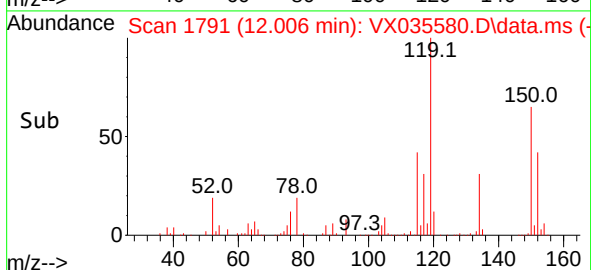
Reviewed By :John Carlone 05/11/2023
 Supervised By :Mahesh Dadoda 05/11/2023

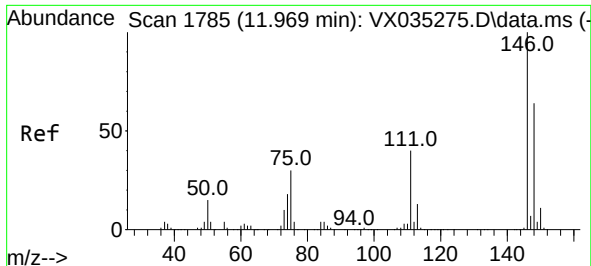


#86
 p-Isopropyltoluene
 Concen: 19.196 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX035580.D
 Acq: 10 May 2023 12:30



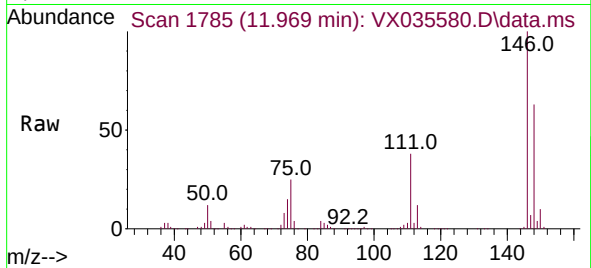
Tgt Ion:119 Resp: 287551
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 22.5 12.9 38.7





#87
1,3-Dichlorobenzene
Concen: 18.997 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

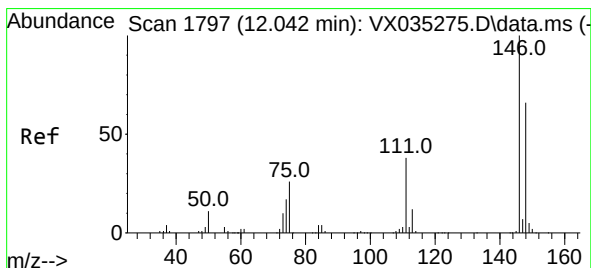
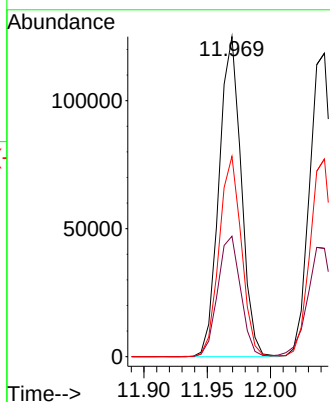
Instrument :
MSVOA_X
ClientSampleId :
VX0510MBS01



Tgt Ion:146 Resp: 152309
Ion Ratio Lower Upper
146 100
111 39.0 20.9 62.8
148 62.8 31.6 95.0

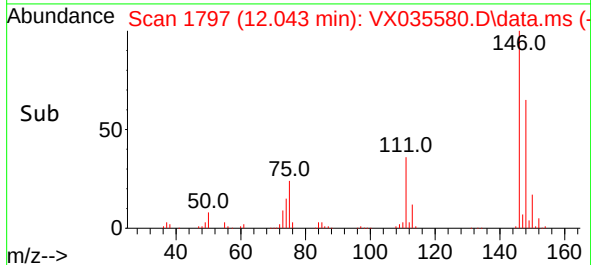
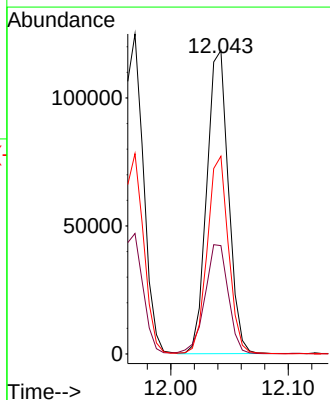
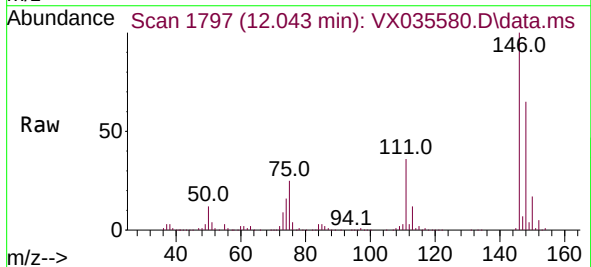
Manual Integrations
APPROVED

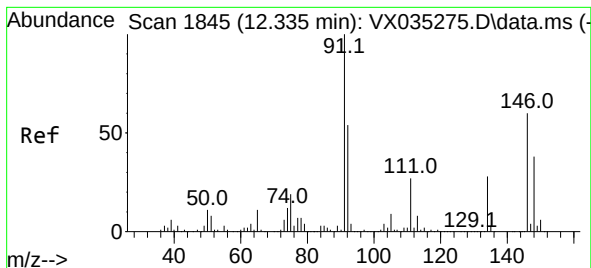
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#88
1,4-Dichlorobenzene
Concen: 18.043 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.001 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

Tgt Ion:146 Resp: 151668
Ion Ratio Lower Upper
146 100
111 38.8 20.6 61.9
148 64.1 31.8 95.4





#89

n-Butylbenzene

Concen: 18.339 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX035580.D

Acq: 10 May 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBS01

Tgt Ion: 91 Resp: 231900

Ion Ratio Lower Upper

91 100

92 54.3 27.7 83.0

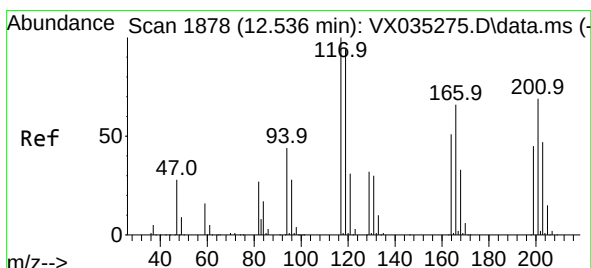
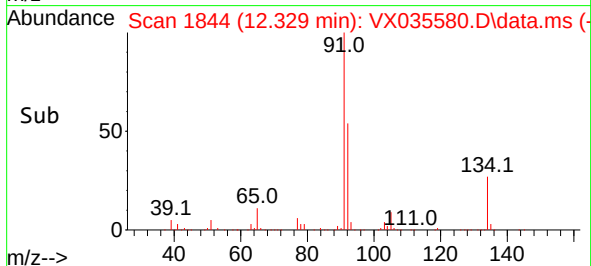
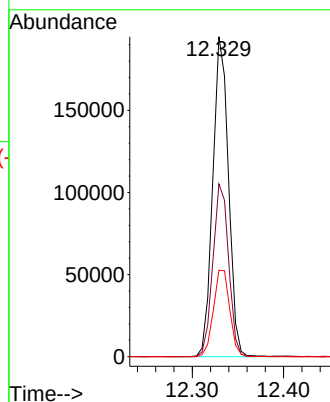
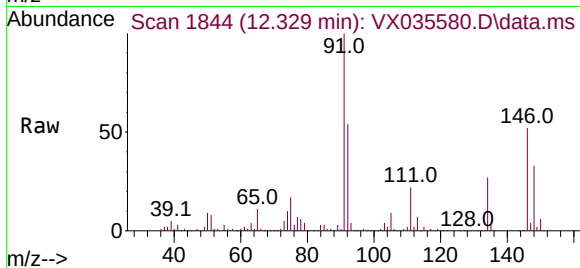
134 28.2 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/11/2023



#90

Hexachloroethane

Concen: 20.698 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035580.D

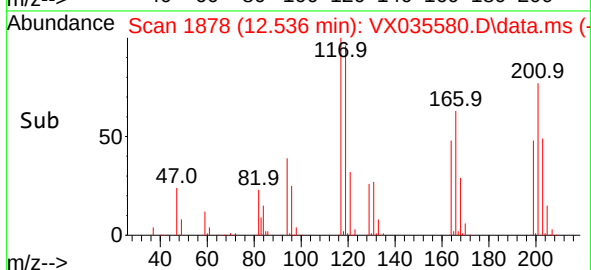
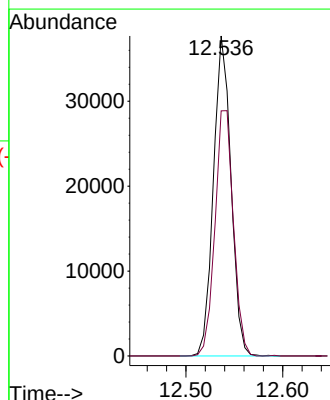
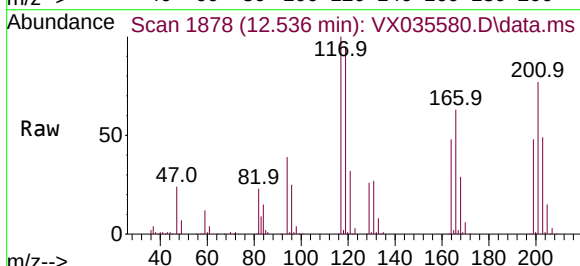
Acq: 10 May 2023 12:30

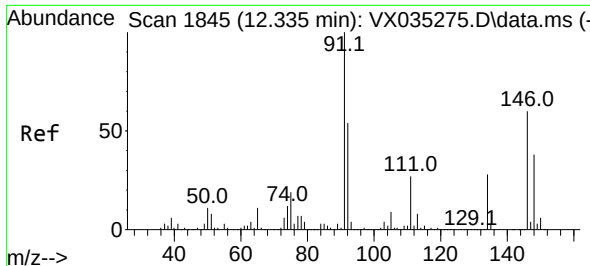
Tgt Ion:117 Resp: 47462

Ion Ratio Lower Upper

117 100

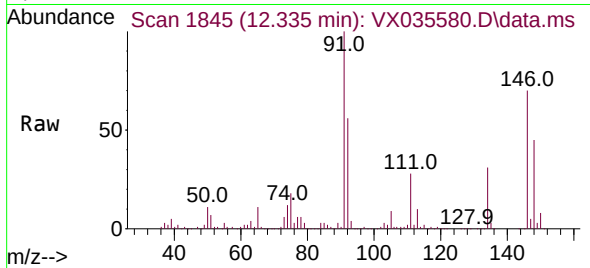
201 80.6 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 18.532 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

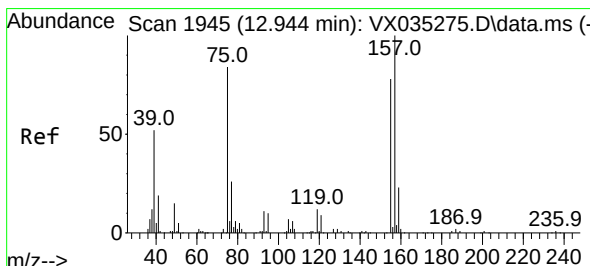
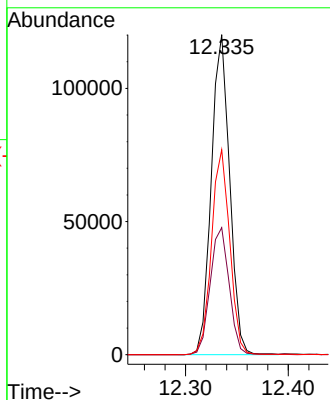
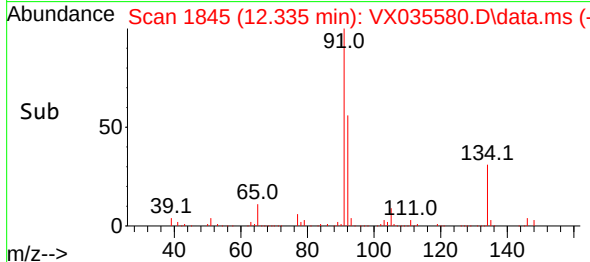
Instrument :
MSVOA_X
ClientSampleId :
VX0510MBS01



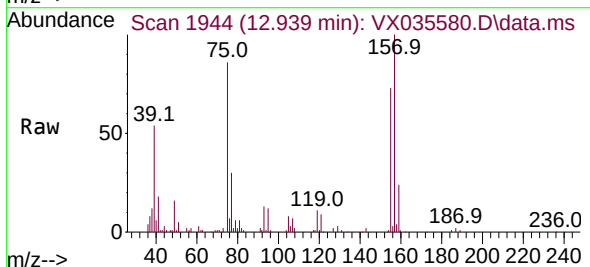
Tgt Ion:146 Resp: 14860
Ion Ratio Lower Upper
146 100
111 41.3 22.0 66.0
148 63.7 32.0 96.0

Manual Integrations
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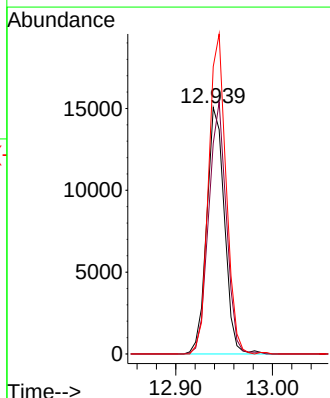
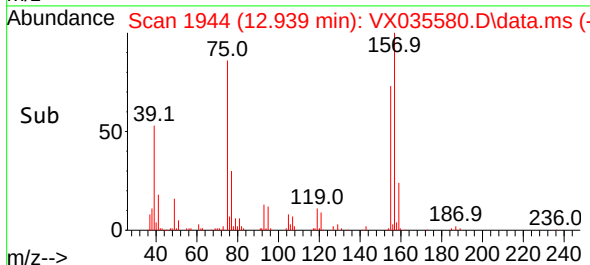
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023

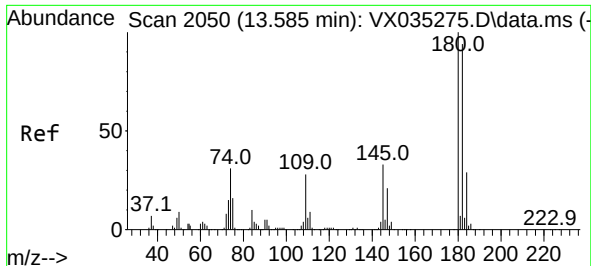


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.204 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.005 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30



Tgt Ion: 75 Resp: 19229
Ion Ratio Lower Upper
75 100
155 101.3 38.4 115.1
157 127.3 49.9 149.7





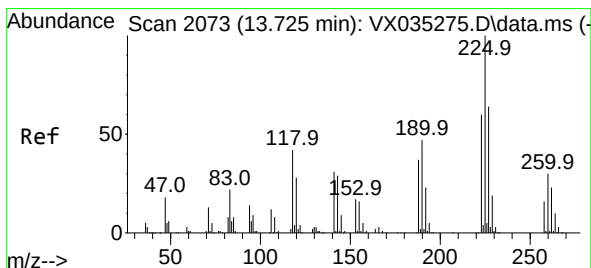
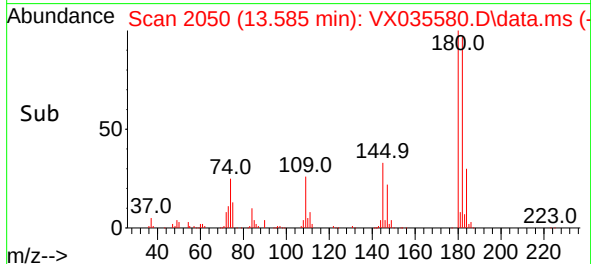
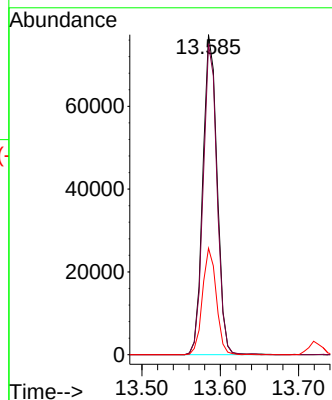
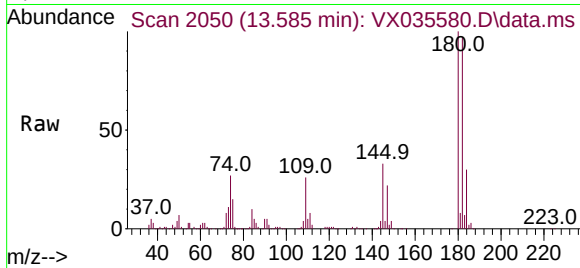
#93
1,2,4-Trichlorobenzene
Concen: 19.318 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0510MBS01

Tgt Ion:180 Resp: 97370
Ion Ratio Lower Upper
180 100
182 94.9 47.0 141.0
145 32.3 15.9 47.7

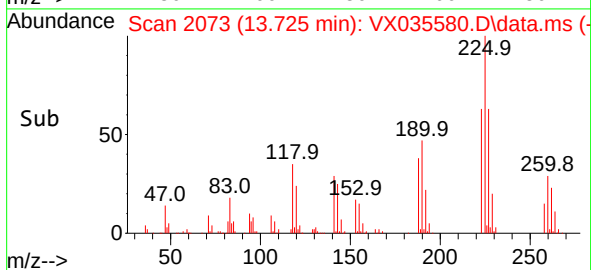
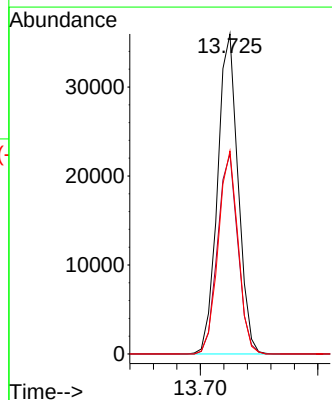
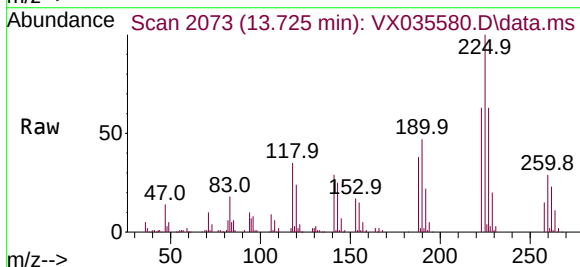
Manual Integrations
APPROVED

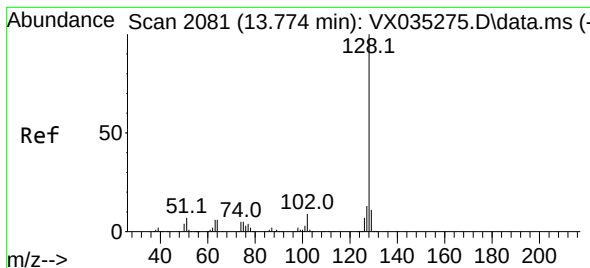
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#94
Hexachlorobutadiene
Concen: 19.708 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

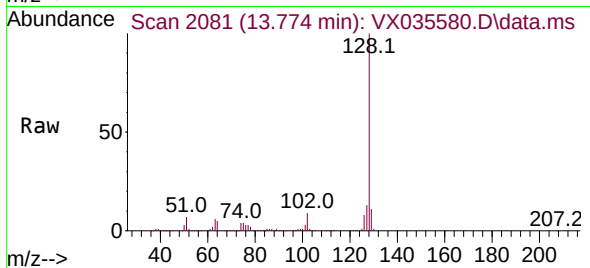
Tgt Ion:225 Resp: 43597
Ion Ratio Lower Upper
225 100
223 61.8 32.1 96.5
227 61.2 31.8 95.4





#95
Naphthalene
Concen: 19.386 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30

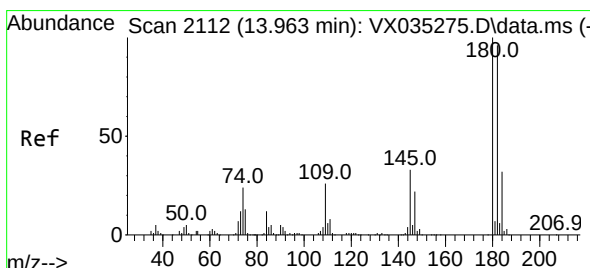
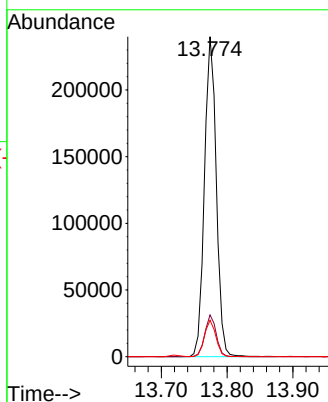
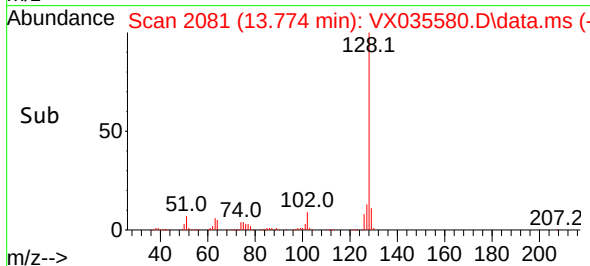
Instrument :
MSVOA_X
ClientSampleId :
VX0510MBS01



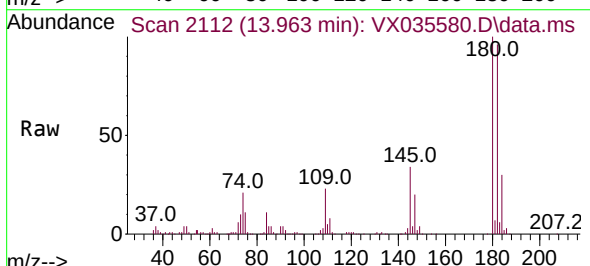
Tgt Ion:128 Resp: 300804
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.897 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX035580.D
Acq: 10 May 2023 12:30



Tgt Ion:180 Resp: 95883
Ion Ratio Lower Upper
180 100
182 95.7 48.0 144.2
145 33.9 17.7 53.1

