

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042823\
 Data File : VX035384.D
 Acq On : 28 Apr 2023 12:34
 Operator : JC/MD
 Sample : VX0428MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/28/2023
 Supervised By : Mahesh Dadoda 05/01/2023

Quant Time: Apr 28 15:41:16 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	253830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	391922	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	352215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	148420	48.467	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.940%		
35) Dibromofluoromethane	5.385	113	122171	50.788	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.580%		
50) Toluene-d8	8.647	98	454079	50.040	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.080%		
62) 4-Bromofluorobenzene	11.079	95	175064	51.284	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.560%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	50674	18.867	ug/l	97
3) Chloromethane	1.295	50	40702	16.659	ug/l	98
4) Vinyl Chloride	1.374	62	42239	17.236	ug/l	99
5) Bromomethane	1.618	94	28077	17.238	ug/l	97
6) Chloroethane	1.691	64	24929	17.394	ug/l	99
7) Trichlorofluoromethane	1.886	101	73022	19.055	ug/l	95
8) Diethyl Ether	2.130	74	24474	17.516	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	46768	18.272	ug/l	95
10) Methyl Iodide	2.453	142	50575	15.656	ug/l	96
11) Tert butyl alcohol	3.014	59	52651	94.427	ug/l	95
12) 1,1-Dichloroethene	2.319	96	44135	17.902	ug/l	92
13) Acrolein	2.240	56	53666	97.869	ug/l	98
14) Allyl chloride	2.666	41	76814	17.705	ug/l	98
15) Acrylonitrile	3.069	53	124981	89.619	ug/l	99
16) Acetone	2.398	43	129726	97.537	ug/l	98
17) Carbon Disulfide	2.514	76	103135	17.451	ug/l	100
18) Methyl Acetate	2.709	43	92230	17.933	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	158774	18.772	ug/l	96
20) Methylene Chloride	2.788	84	50818	16.664	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	47487	17.735	ug/l	95
22) Diisopropyl ether	3.758	45	155210	18.079	ug/l	97
23) Vinyl Acetate	3.721	43	543675	92.128	ug/l	97
24) 1,1-Dichloroethane	3.611	63	87586	18.112	ug/l	98
25) 2-Butanone	4.562	43	172001	88.602	ug/l	95
26) 2,2-Dichloropropane	4.477	77	71876	18.972	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	57823	18.372	ug/l	94
28) Bromochloromethane	4.898	49	39877	19.350	ug/l #	82
29) Tetrahydrofuran	5.007	42	105769	84.992	ug/l	93
30) Chloroform	5.093	83	93045	19.059	ug/l	98
31) Cyclohexane	5.471	56	77487	17.838	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	81298	19.002	ug/l	97
36) 1,1-Dichloropropene	5.696	75	69594	18.528	ug/l	98
37) Ethyl Acetate	4.721	43	61878	18.037	ug/l	95
38) Carbon Tetrachloride	5.678	117	70260	19.705	ug/l	98
39) Methylcyclohexane	7.379	83	82587	18.063	ug/l	99
40) Benzene	6.038	78	200594	18.617	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	37426	19.040	ug/l	97
42) 1,2-Dichloroethane	6.086	62	72845	18.961	ug/l	99
43) Isopropyl Acetate	6.336	43	105451	18.294	ug/l	96
44) Trichloroethene	7.123	130	55672	18.756	ug/l	93
45) 1,2-Dichloropropane	7.434	63	51747	19.049	ug/l	97
46) Dibromomethane	7.580	93	35082	18.806	ug/l	93
47) Bromodichloromethane	7.824	83	65888	19.170	ug/l	98
48) Methyl methacrylate	7.690	41	52491	18.564	ug/l	91
49) 1,4-Dioxane	7.720	88	25726	373.254	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	327955	92.605	ug/l	96
52) Toluene	8.720	92	130139	19.054	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	68891	19.193	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	79092	19.495	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	51543	18.931	ug/l	96
56) Ethyl methacrylate	9.116	69	78487	19.351	ug/l	90
57) 1,3-Dichloropropane	9.305	76	86649	18.606	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	171276	84.454	ug/l	94
59) 2-Hexanone	9.427	43	254097	95.507	ug/l	96
60) Dibromochloromethane	9.519	129	50568	19.385	ug/l	100
61) 1,2-Dibromoethane	9.610	107	53587	19.092	ug/l	98
64) Tetrachloroethene	9.275	164	49500	18.355	ug/l	99
65) Chlorobenzene	10.080	112	138881	18.225	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	50389	19.000	ug/l	97
67) Ethyl Benzene	10.195	91	246668	18.692	ug/l	96
68) m/p-Xylenes	10.299	106	192874	38.142	ug/l	98
69) o-Xylene	10.640	106	95182	19.195	ug/l	97
70) Styrene	10.653	104	153252	19.062	ug/l	98
71) Bromoform	10.799	173	34630	18.773	ug/l #	99
73) Isopropylbenzene	10.964	105	249916	19.744	ug/l	99
74) N-amyl acetate	10.842	43	89204	18.753	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.214	83	74110	18.863	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	61085m	17.685	ug/l	
77) Bromobenzene	11.195	156	61004	19.388	ug/l	92
78) n-propylbenzene	11.305	91	280494	19.295	ug/l	100
79) 2-Chlorotoluene	11.366	91	170873	18.810	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	210724	19.744	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	17857	16.744	ug/l	92
82) 4-Chlorotoluene	11.451	91	194664	19.079	ug/l	97
83) tert-Butylbenzene	11.713	119	206212	19.256	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	212342	19.801	ug/l	98
85) sec-Butylbenzene	11.890	105	248999	18.956	ug/l	99
86) p-Isopropyltoluene	12.006	119	214603	19.209	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	113858	19.041	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	113019	18.027	ug/l	99
89) n-Butylbenzene	12.329	91	174970	18.553	ug/l	99
90) Hexachloroethane	12.536	117	30994	18.123	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	111688	18.675	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15512	19.690	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	72874	19.386	ug/l	100
94) Hexachlorobutadiene	13.725	225	29511	17.887	ug/l	99
95) Naphthalene	13.774	128	231942	20.042	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	72051	19.040	ug/l	98

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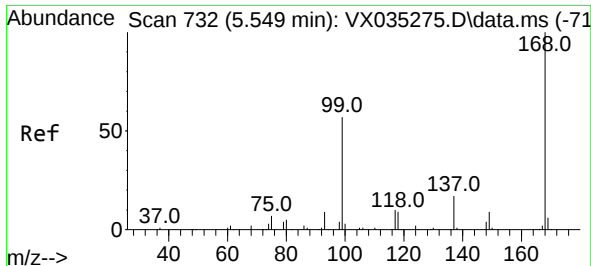
Manual Integrations
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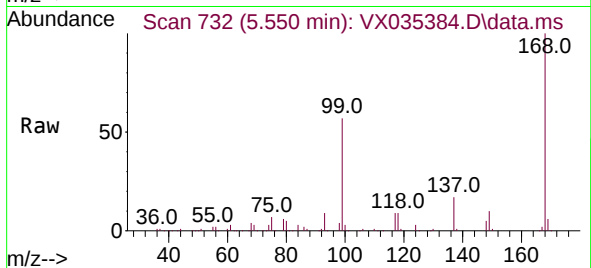
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
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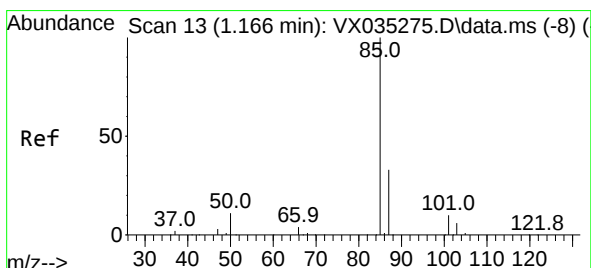
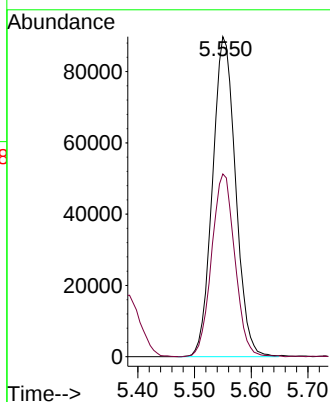
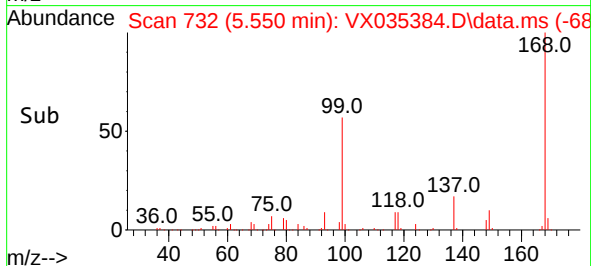
Instrument :
MSVOA_X
ClientSampleId :
VX0428MBS01



Tgt Ion:168 Resp: 253830
Ion Ratio Lower Upper
168 100
99 57.1 45.7 68.5

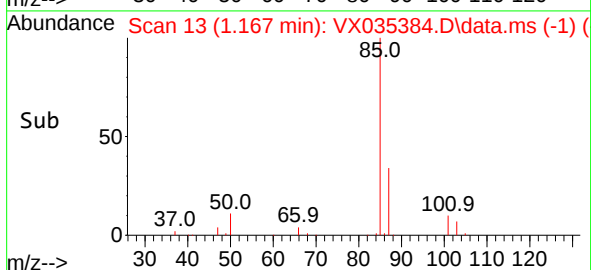
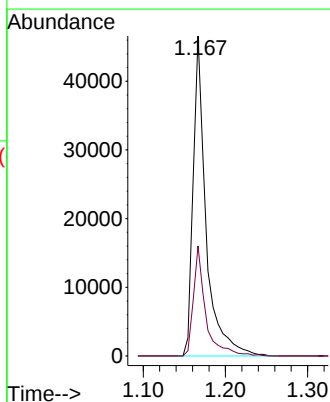
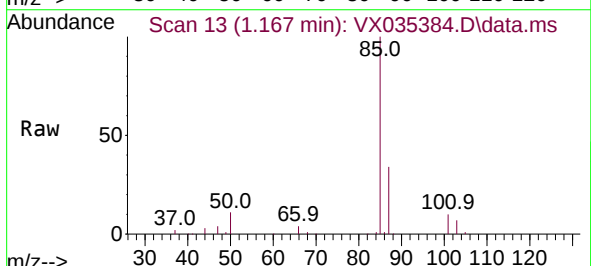
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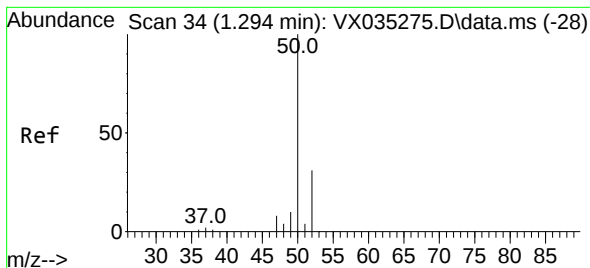
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#2
Dichlorodifluoromethane
Concen: 18.867 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

Tgt Ion: 85 Resp: 50674
Ion Ratio Lower Upper
85 100
87 34.4 16.4 49.1





#3

Chloromethane

Concen: 16.659 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.001 min

Lab File: VX035384.D

Acq: 28 Apr 2023 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0428MBS01

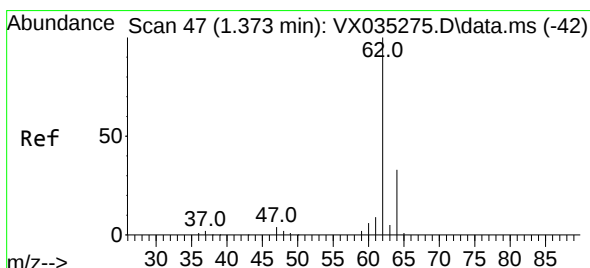
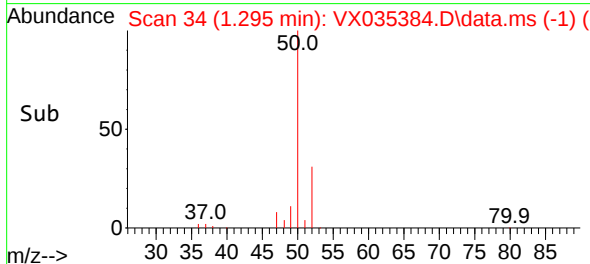
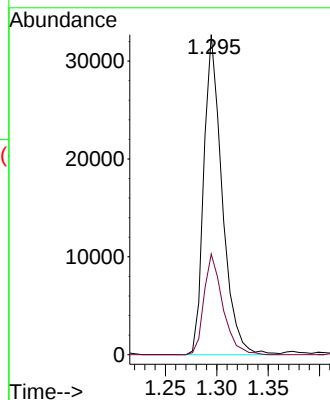
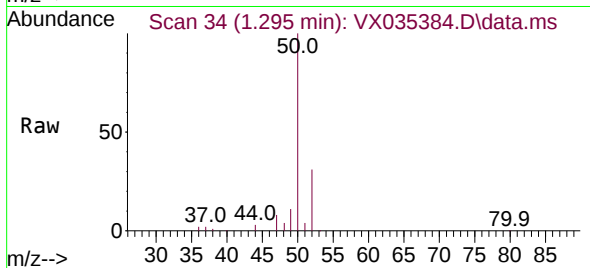
Tgt Ion: 50 Resp: 40702
 Ion Ratio Lower Upper
 50 100
 52 31.5 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.236 ug/l

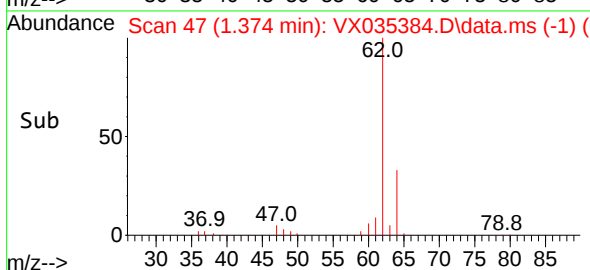
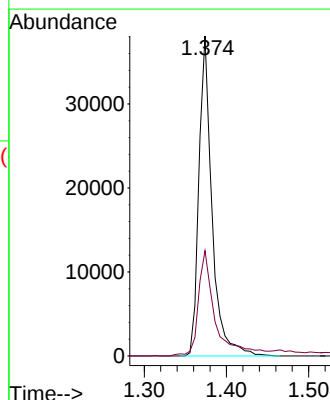
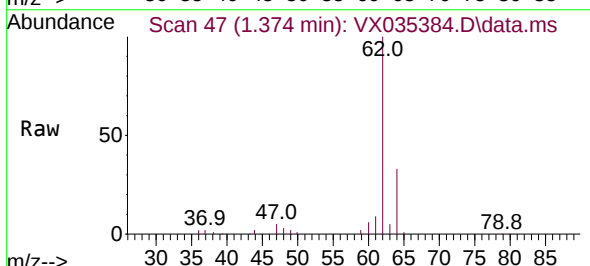
RT: 1.374 min Scan# 47

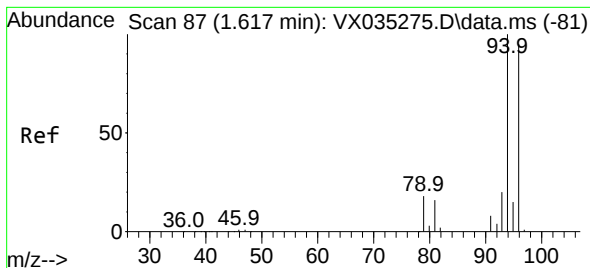
Delta R.T. 0.001 min

Lab File: VX035384.D

Acq: 28 Apr 2023 12:34

Tgt Ion: 62 Resp: 42239
 Ion Ratio Lower Upper
 62 100
 64 32.3 26.4 39.6





#5

Bromomethane

Concen: 17.238 ug/l

RT: 1.618 min Scan# 81

Delta R.T. 0.001 min

Lab File: VX035384.D

Acq: 28 Apr 2023 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0428MBS01

Tgt Ion: 94 Resp: 2807

Ion Ratio Lower Upper

94 100

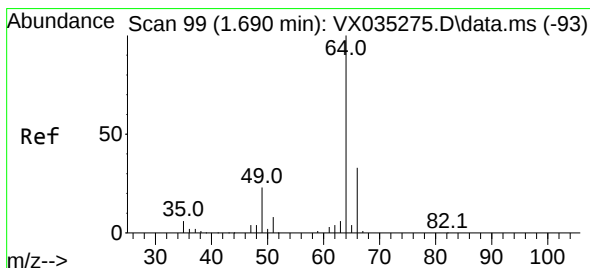
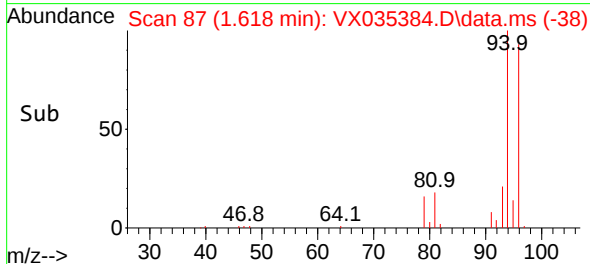
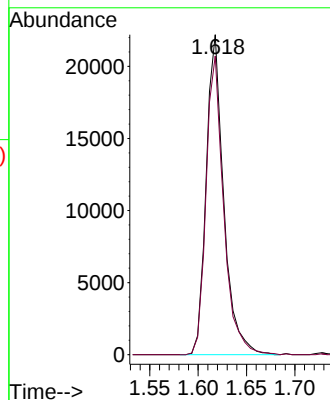
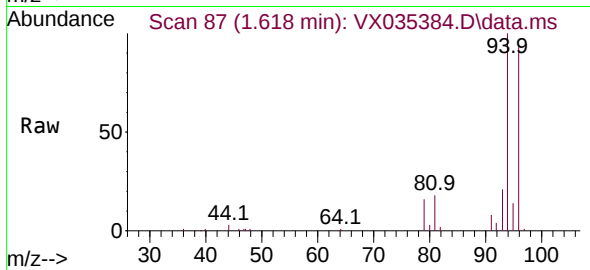
96 93.3 77.0 115.6

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#6

Chloroethane

Concen: 17.394 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.001 min

Lab File: VX035384.D

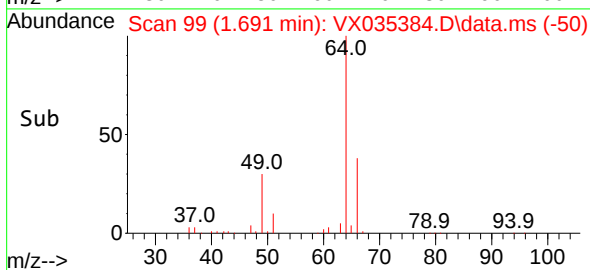
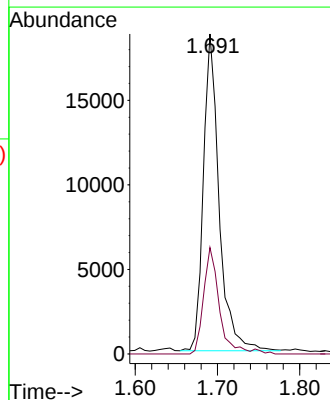
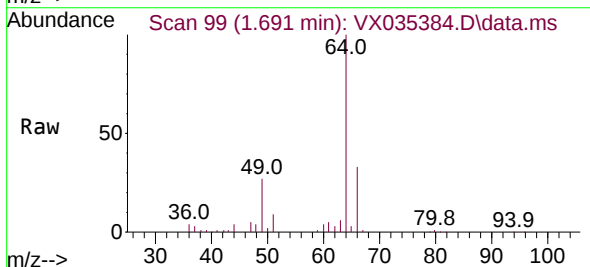
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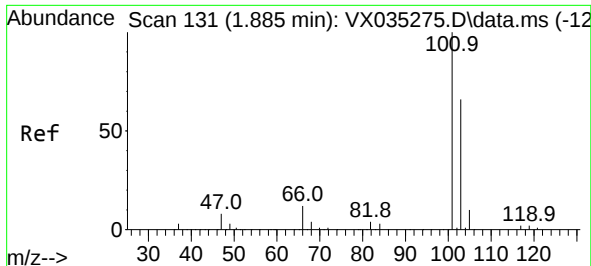
Tgt Ion: 64 Resp: 24929

Ion Ratio Lower Upper

64 100

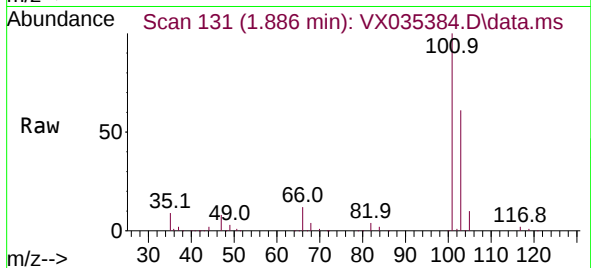
66 33.6 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 19.055 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: VX035384.D
 Acq: 28 Apr 2023 12:34

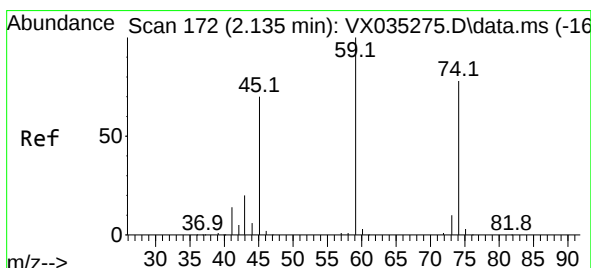
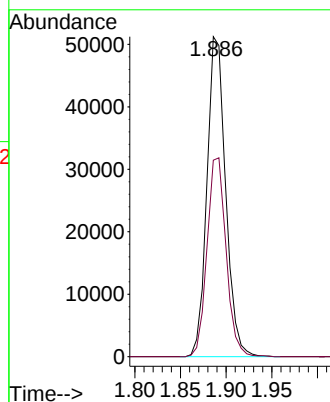
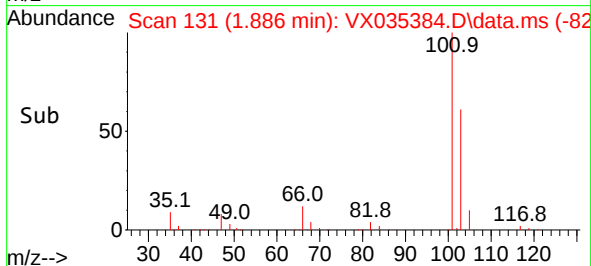
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428MBS01



Tgt Ion:101 Resp: 7302
 Ion Ratio Lower Upper
 101 100
 103 61.4 52.0 78.0

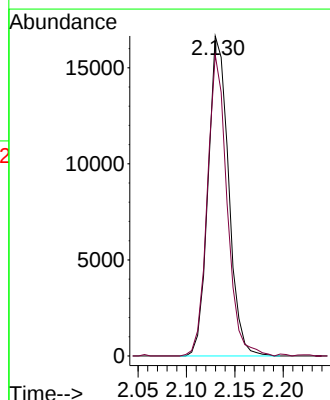
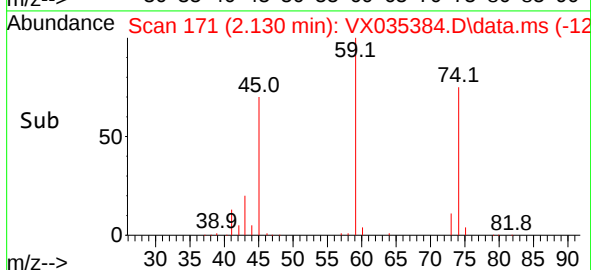
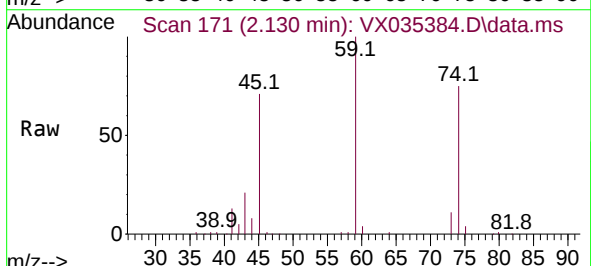
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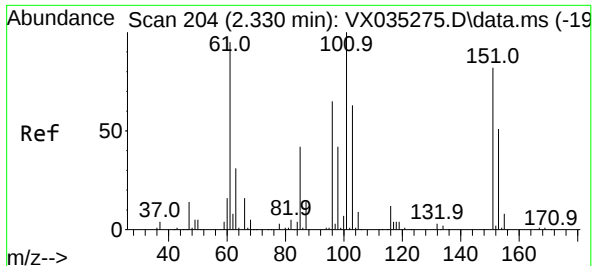
Reviewed By :John Carlone 04/28/2023
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#8
 Diethyl Ether
 Concen: 17.516 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.005 min
 Lab File: VX035384.D
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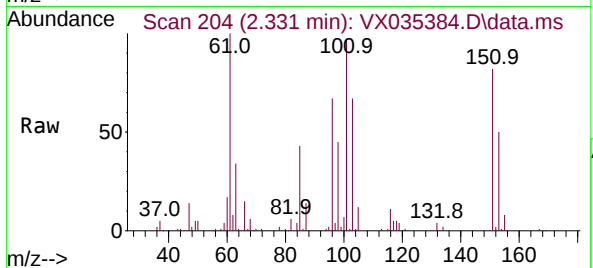
Tgt Ion: 74 Resp: 24474
 Ion Ratio Lower Upper
 74 100
 45 91.2 49.8 149.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.272 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.001 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

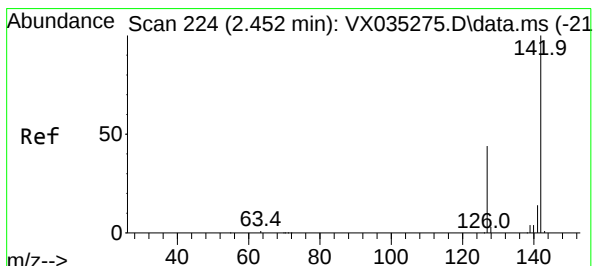
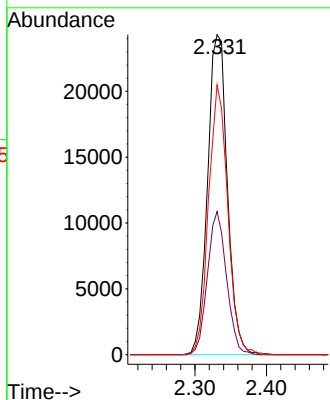
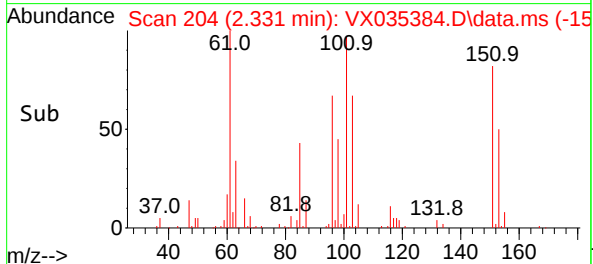
Instrument :
MSVOA_X
ClientSampleId :
VX0428MBS01



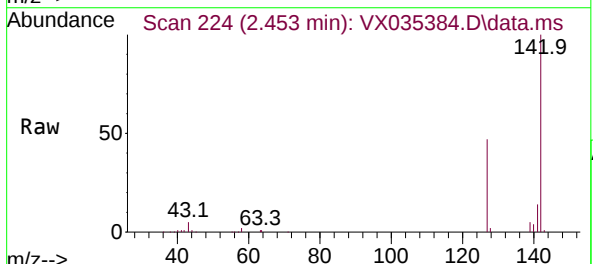
Tgt Ion:101 Resp: 46768
Ion Ratio Lower Upper
101 100
85 43.1 35.4 53.2
151 81.7 60.2 90.4

Manual Integrations
APPROVED

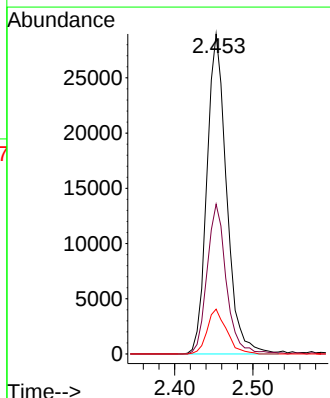
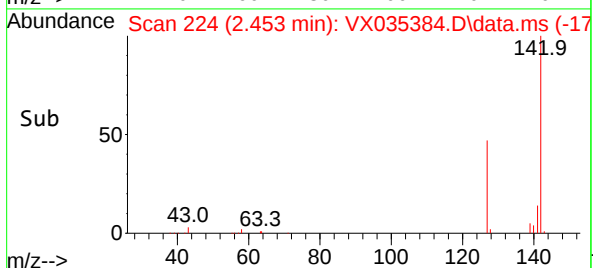
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023

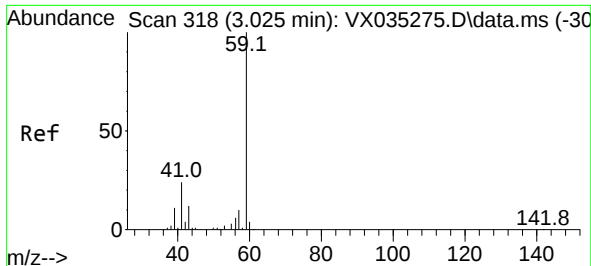


#10
Methyl Iodide
Concen: 15.656 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34



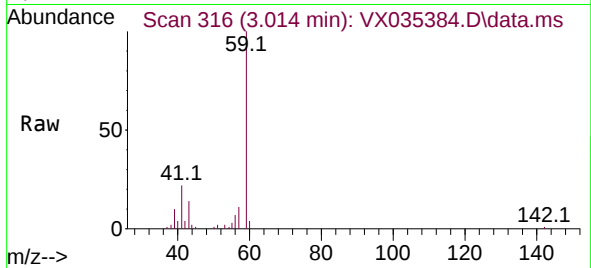
Tgt Ion:142 Resp: 50575
Ion Ratio Lower Upper
142 100
127 45.8 34.0 51.0
141 13.8 11.1 16.7





#11
Tert butyl alcohol
Concen: 94.427 ug/l
RT: 3.014 min Scan# 318
Delta R.T. -0.011 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

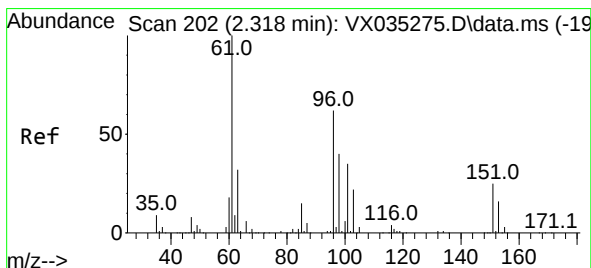
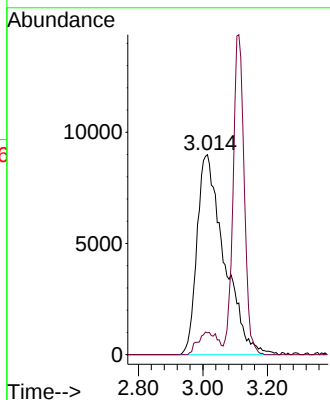
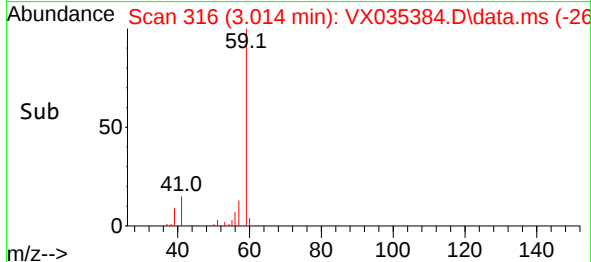
Instrument :
MSVOA_X
ClientSampleId :
VX0428MBS01



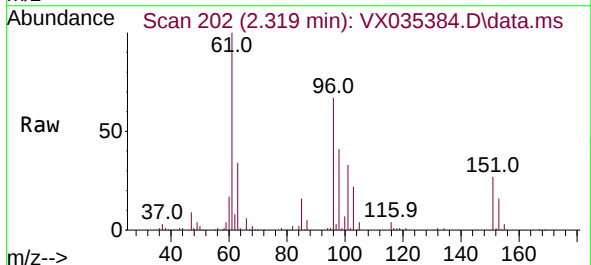
Tgt Ion: 59 Resp: 5265
Ion Ratio Lower Upper
59 100
57 8.3 8.1 12.1

Manual Integrations
APPROVED

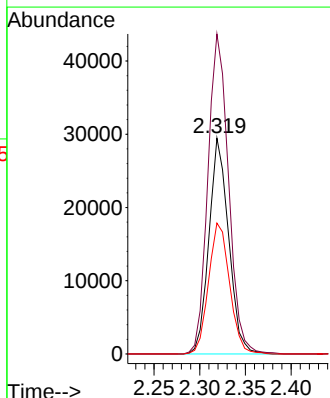
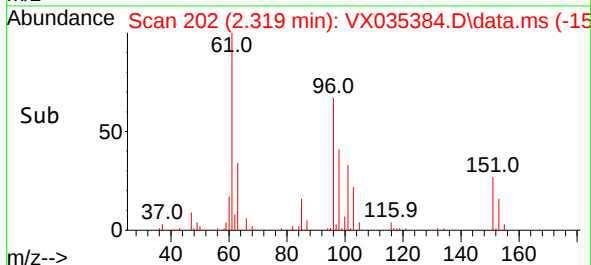
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#12
1,1-Dichloroethene
Concen: 17.902 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34



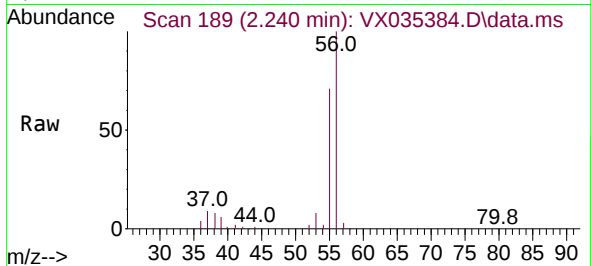
Tgt Ion: 96 Resp: 44135
Ion Ratio Lower Upper
96 100
61 148.3 128.8 193.2
98 60.7 51.4 77.0





#13
Acrolein
Concen: 97.869 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.001 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

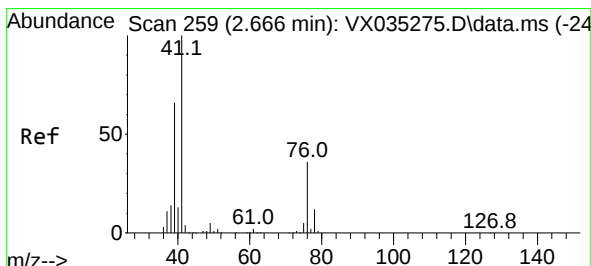
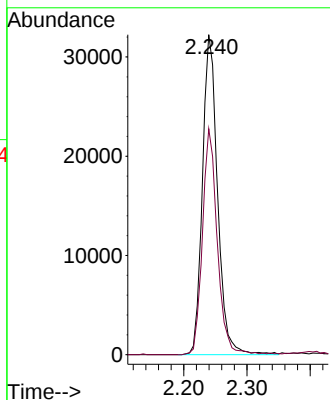
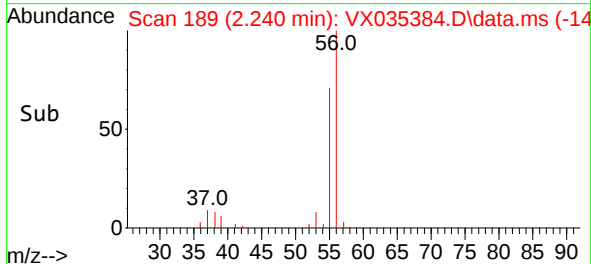
Instrument :
MSVOA_X
ClientSampleId :
VX0428MBS01



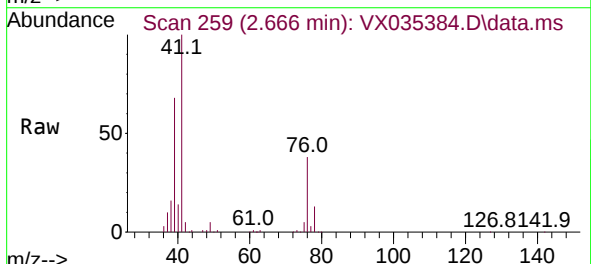
Tgt Ion: 56 Resp: 5366
Ion Ratio Lower Upper
56 100
55 69.3 56.6 85.0

Manual Integrations
APPROVED

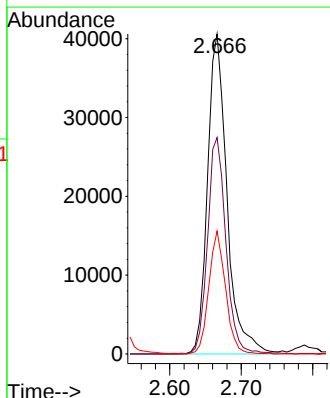
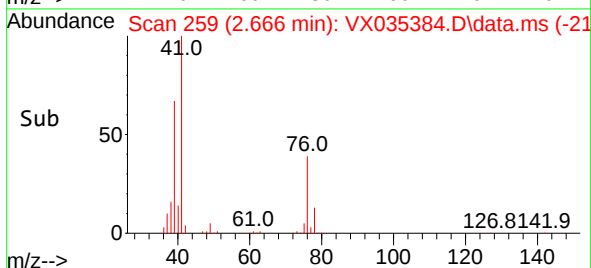
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023

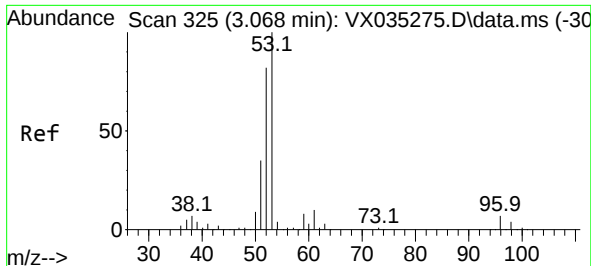


#14
Allyl chloride
Concen: 17.705 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34



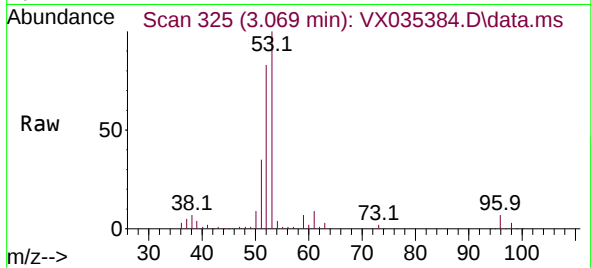
Tgt Ion: 41 Resp: 76814
Ion Ratio Lower Upper
41 100
39 63.8 52.4 78.6
76 33.1 26.0 39.0





#15
Acrylonitrile
Concen: 89.619 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

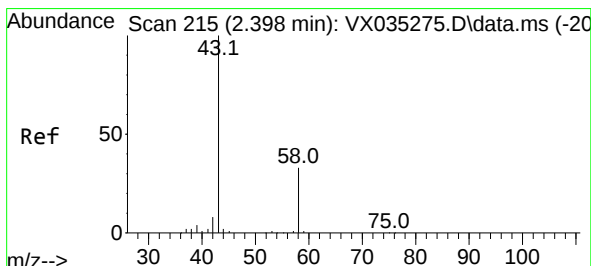
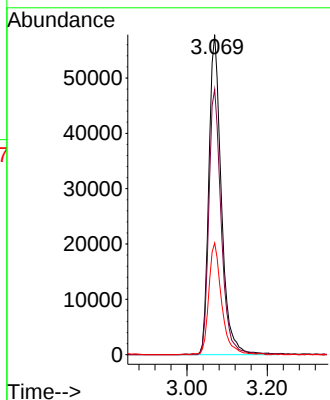
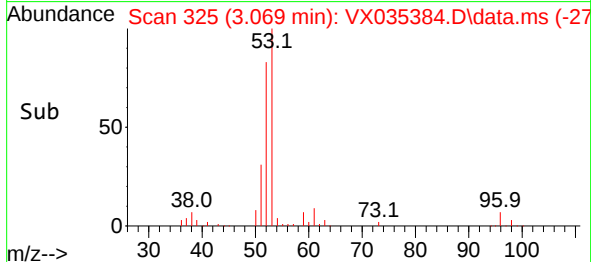
Instrument :
MSVOA_X
ClientSampleId :
VX0428MBS01



Tgt Ion: 53 Resp: 12498
Ion Ratio Lower Upper
53 100
52 82.0 66.2 99.2
51 35.8 28.3 42.5

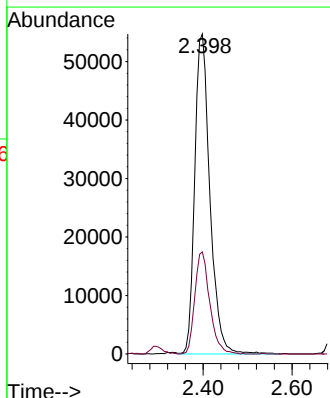
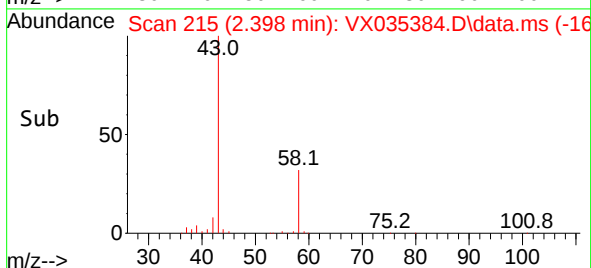
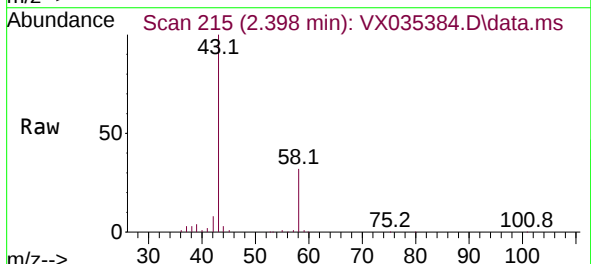
Manual Integrations
APPROVED

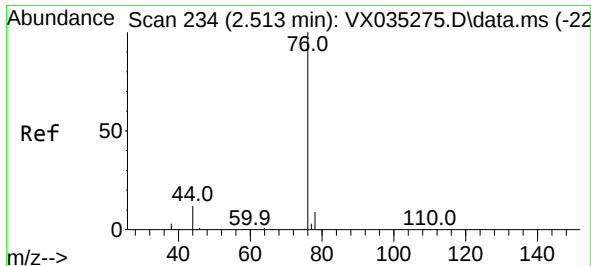
Reviewed By :John Carbone 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#16
Acetone
Concen: 97.537 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

Tgt Ion: 43 Resp: 129726
Ion Ratio Lower Upper
43 100
58 31.9 24.7 37.1





#17

Carbon Disulfide

Concen: 17.451 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.001 min

Lab File: VX035384.D

Acq: 28 Apr 2023 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0428MBS01

Tgt Ion: 76 Resp: 10313

Ion Ratio Lower Upper

76 100

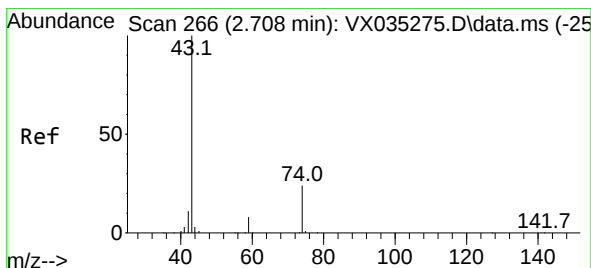
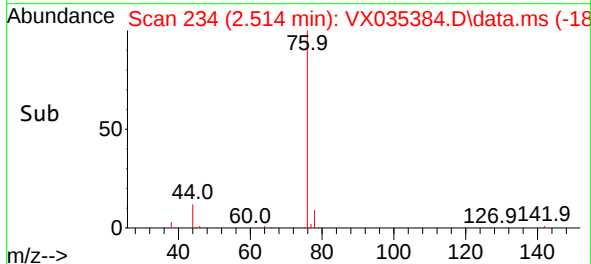
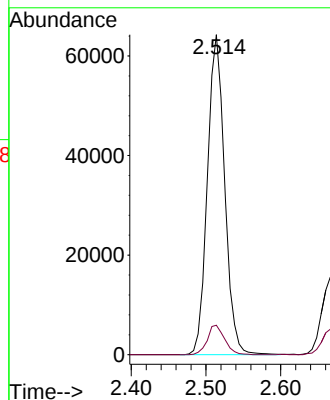
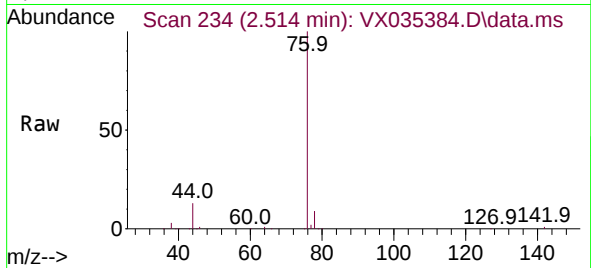
78 9.2 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 05/01/2023



#18

Methyl Acetate

Concen: 17.933 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.001 min

Lab File: VX035384.D

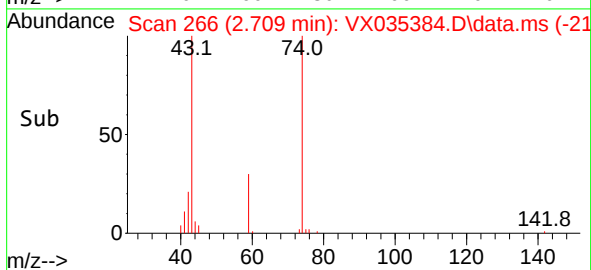
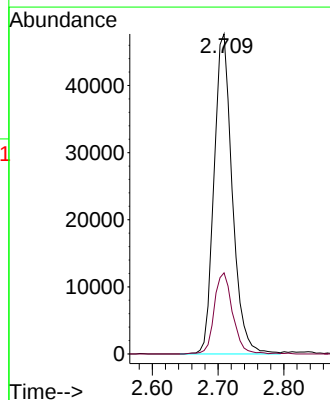
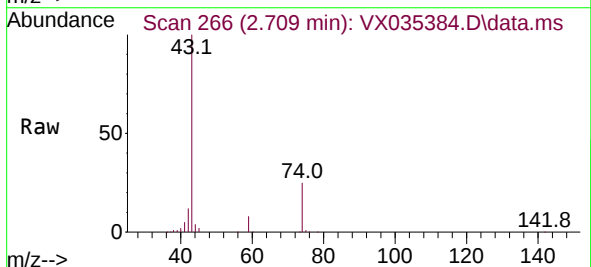
Acq: 28 Apr 2023 12:34

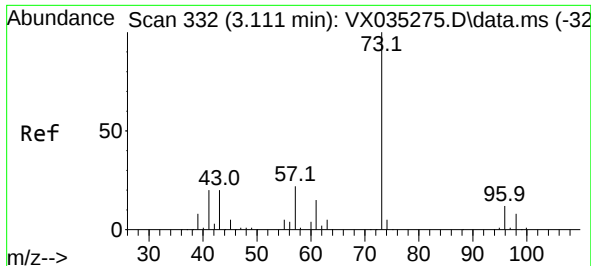
Tgt Ion: 43 Resp: 92230

Ion Ratio Lower Upper

43 100

74 25.5 18.3 27.5





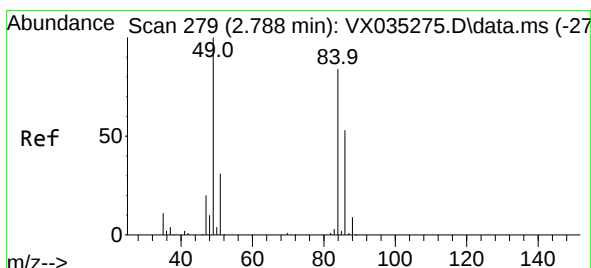
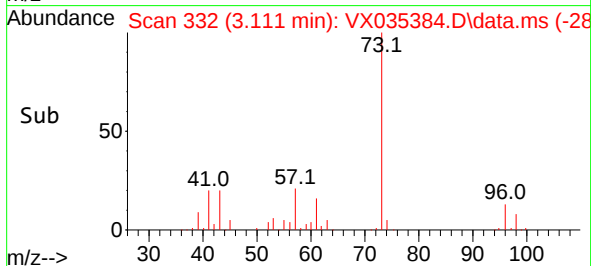
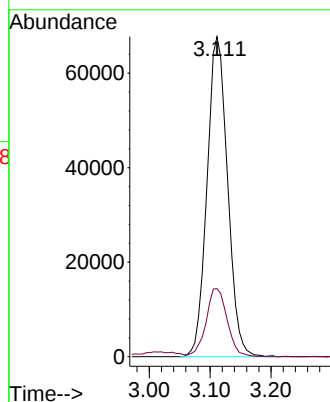
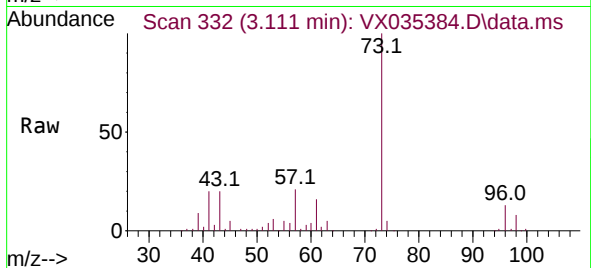
#19
Methyl tert-butyl Ether
Concen: 18.772 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0428MBS01

Tgt Ion: 73 Resp: 158774
Ion Ratio Lower Upper
73 100
57 21.2 18.5 27.7

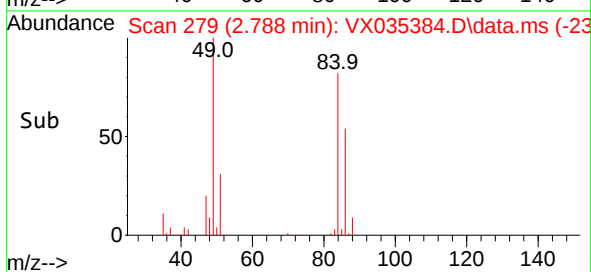
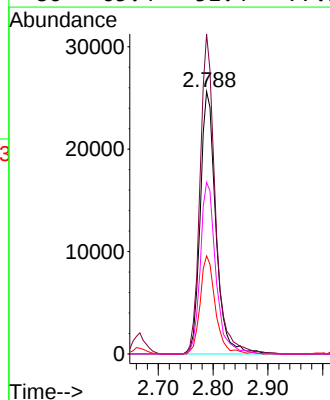
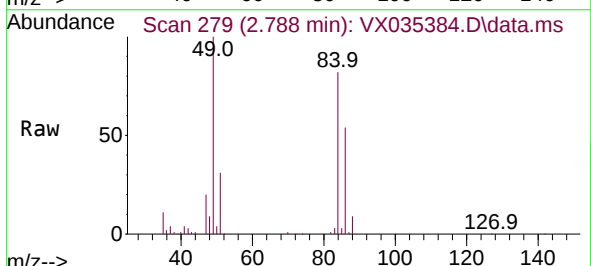
Manual Integrations
APPROVED

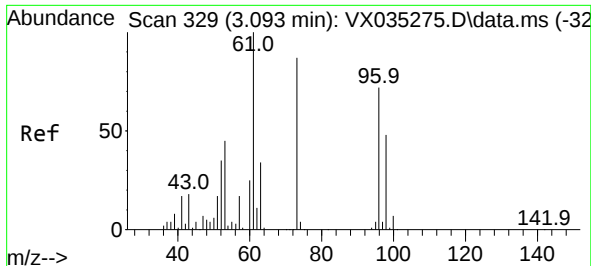
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#20
Methylene Chloride
Concen: 16.664 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

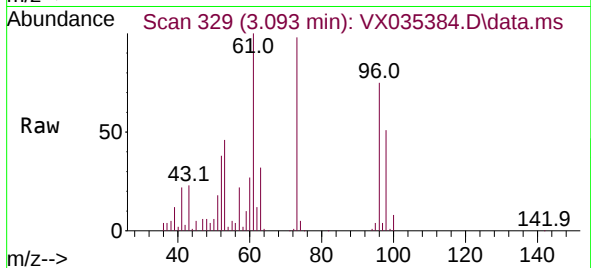
Tgt Ion: 84 Resp: 50818
Ion Ratio Lower Upper
84 100
49 122.0 103.8 155.8
51 37.4 31.8 47.8
86 65.4 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 17.735 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

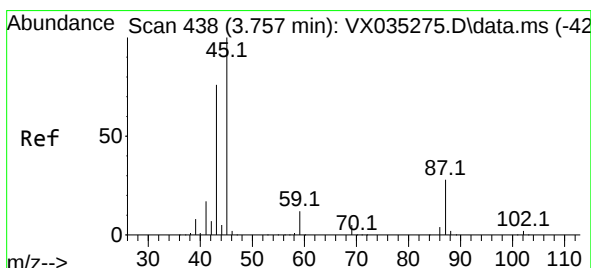
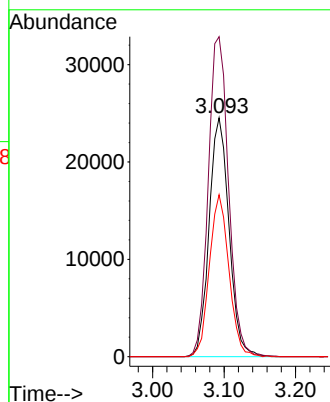
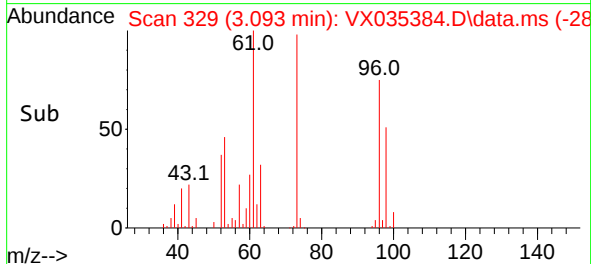
Instrument :
MSVOA_X
ClientSampleId :
VX0428MBS01



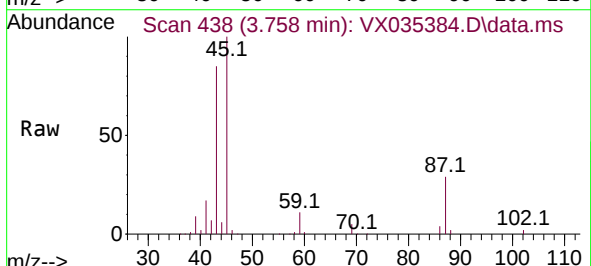
Tgt Ion: 96 Resp: 4748
Ion Ratio Lower Upper
96 100
61 133.9 113.0 169.6
98 67.8 52.1 78.1

Manual Integrations
APPROVED

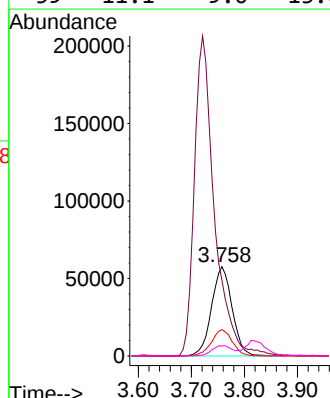
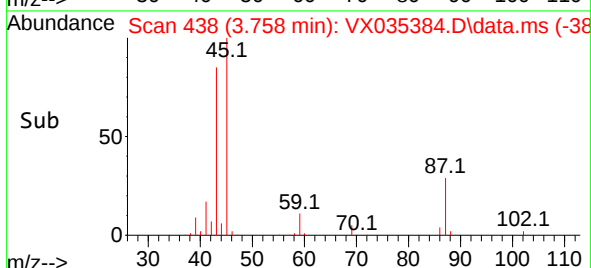
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023

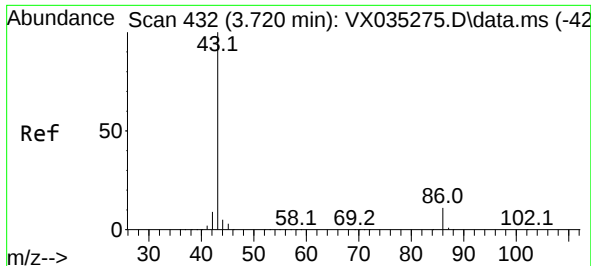


#22
Diisopropyl ether
Concen: 18.079 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.001 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34



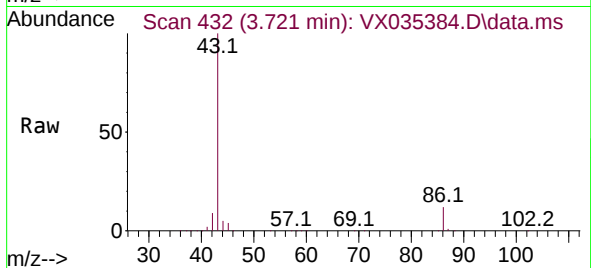
Tgt Ion: 45 Resp: 155210
Ion Ratio Lower Upper
45 100
43 83.5 65.4 98.2
87 29.4 20.6 31.0
59 11.1 9.0 13.6





#23
 Vinyl Acetate
 Concen: 92.128 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VX035384.D
 Acq: 28 Apr 2023 12:34

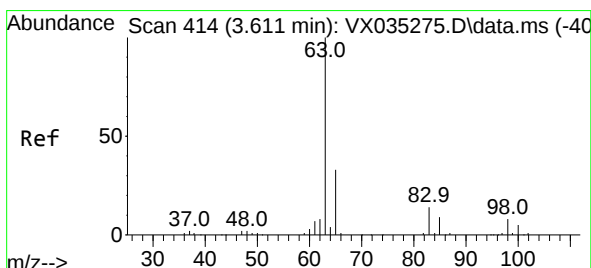
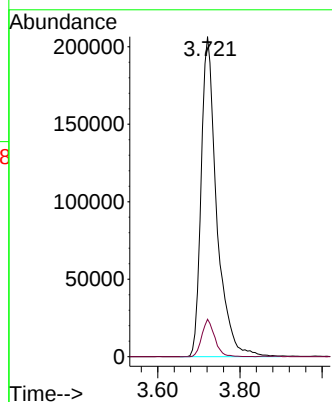
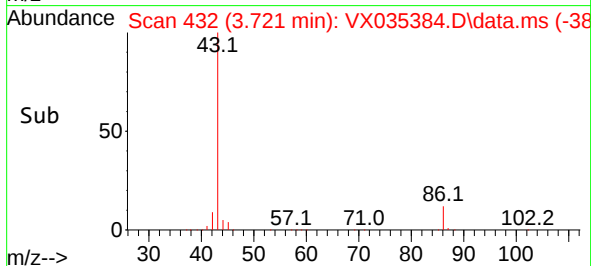
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428MBS01



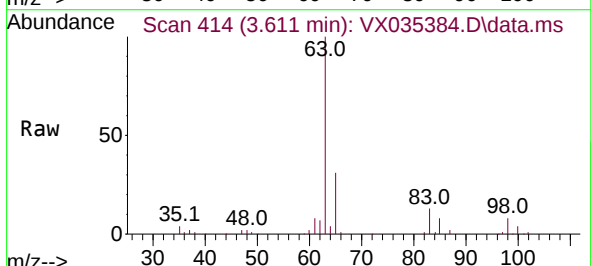
Tgt Ion: 43 Resp: 543679
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.5 12.7

Manual Integrations
 APPROVED

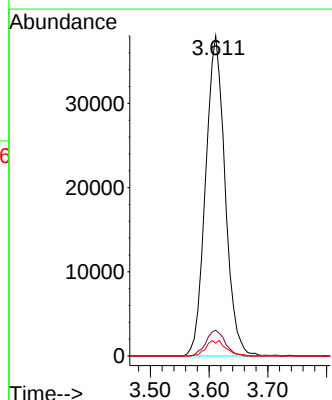
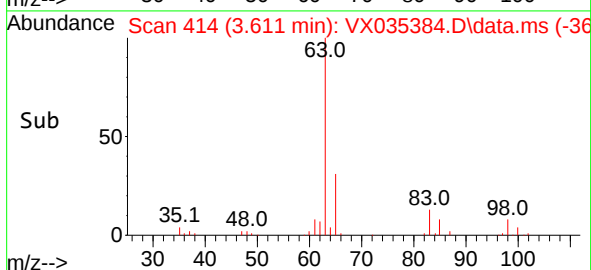
Reviewed By :John Carlone 04/28/2023
 Supervised By :Mahesh Dadoda 05/01/2023

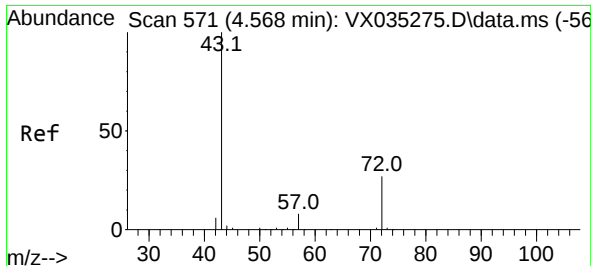


#24
 1,1-Dichloroethane
 Concen: 18.112 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX035384.D
 Acq: 28 Apr 2023 12:34



Tgt Ion: 63 Resp: 87586
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.8 11.2
 100 4.0 2.4 7.1





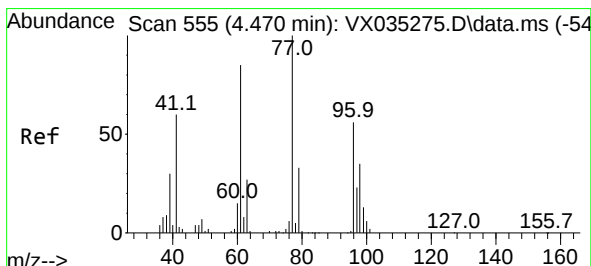
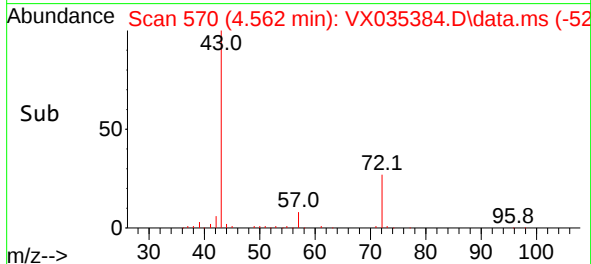
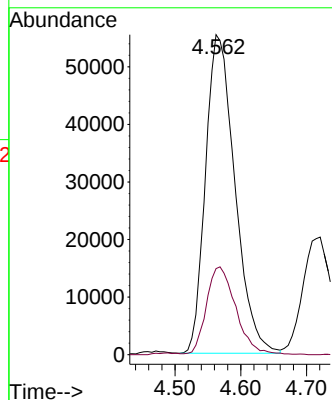
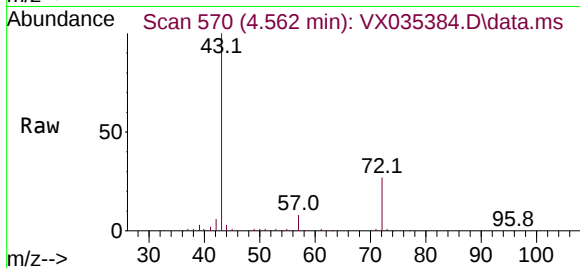
#25
2-Butanone
Concen: 88.602 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0428MBS01

Tgt Ion: 43 Resp: 17200
Ion Ratio Lower Upper
43 100
72 26.7 19.3 28.9

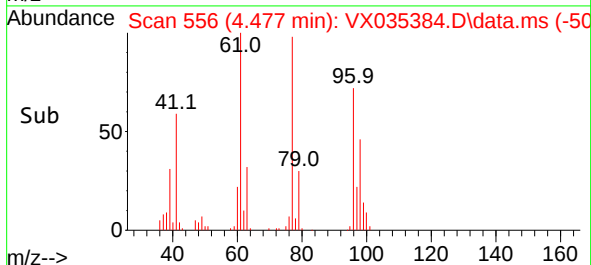
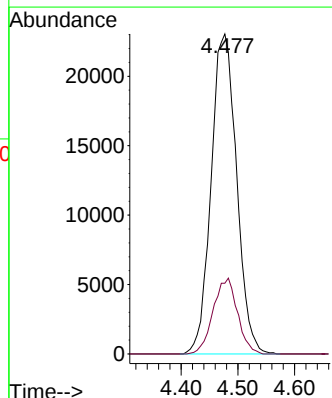
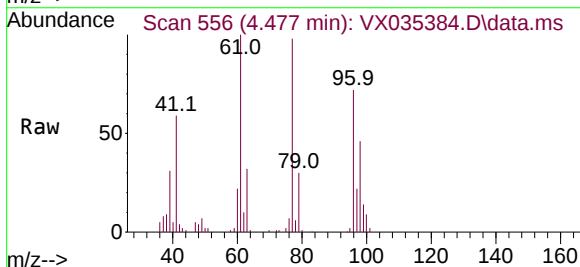
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#26
2,2-Dichloropropane
Concen: 18.972 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.007 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

Tgt Ion: 77 Resp: 71876
Ion Ratio Lower Upper
77 100
97 22.6 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 18.372 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX035384.D

Acq: 28 Apr 2023 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0428MBS01

Tgt Ion: 96 Resp: 5782

Ion Ratio Lower Upper

96 100

61 139.9 0.0 300.4

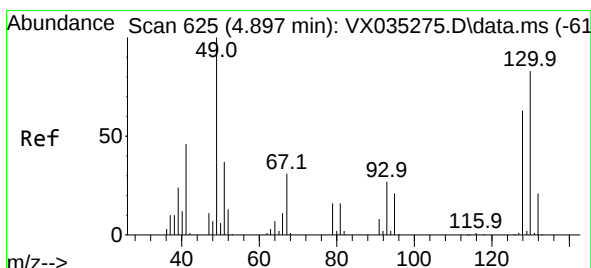
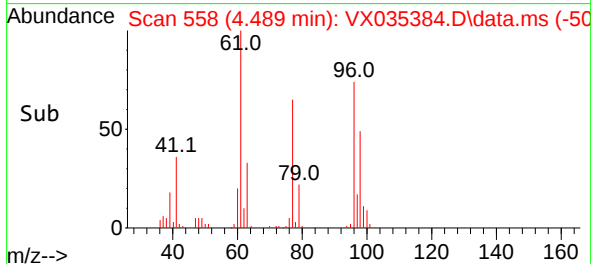
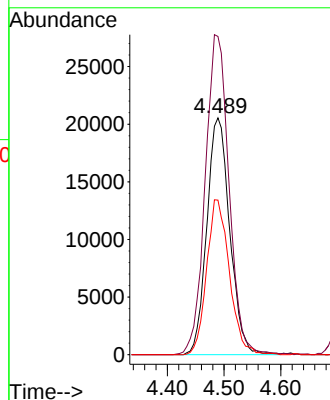
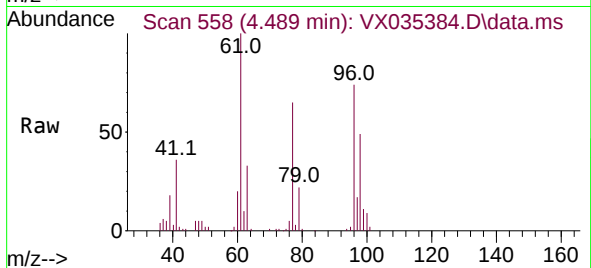
98 64.8 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 05/01/2023



#28

Bromochloromethane

Concen: 19.350 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.001 min

Lab File: VX035384.D

Acq: 28 Apr 2023 12:34

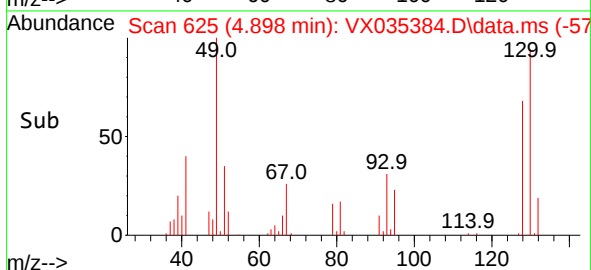
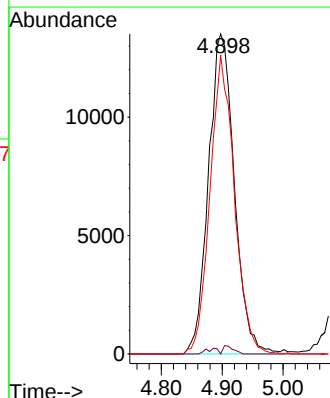
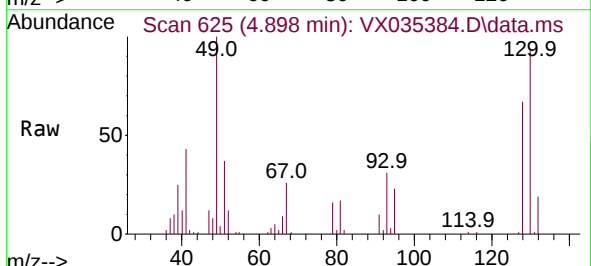
Tgt Ion: 49 Resp: 39877

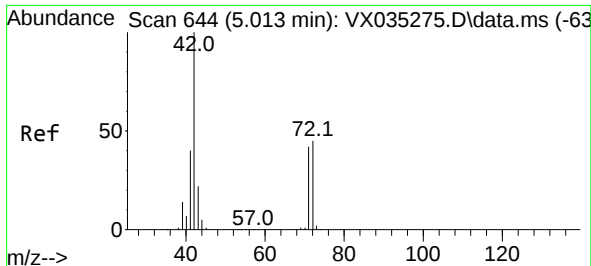
Ion Ratio Lower Upper

49 100

129 1.0 0.0 4.0

130 87.8 58.2 87.2#





#29

Tetrahydrofuran

Concen: 84.992 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX035384.D

Acq: 28 Apr 2023 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0428MBS01

Tgt Ion: 42 Resp: 105769

Ion Ratio Lower Upper

42 100

72 47.6 34.5 51.7

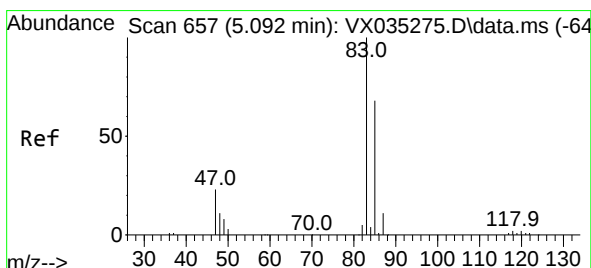
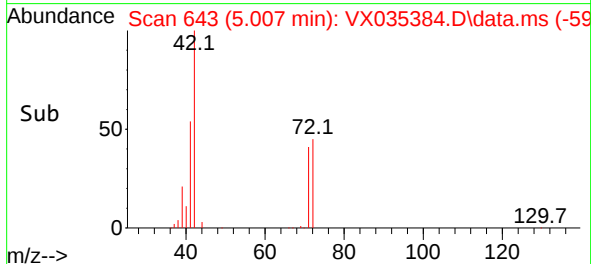
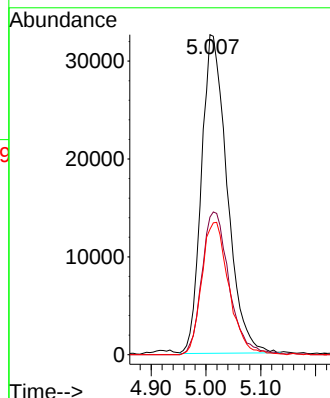
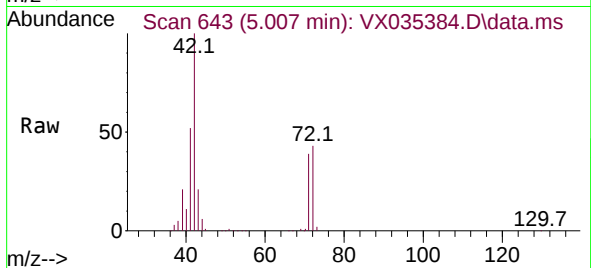
71 44.0 32.1 48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 05/01/2023



#30

Chloroform

Concen: 19.059 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.001 min

Lab File: VX035384.D

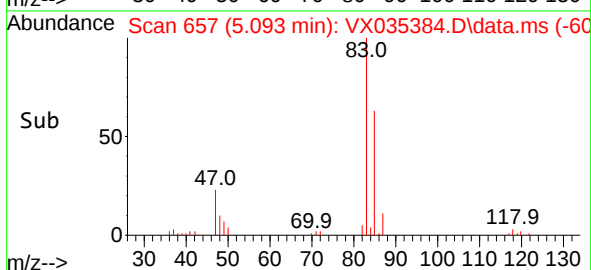
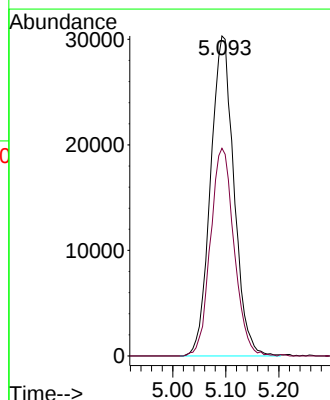
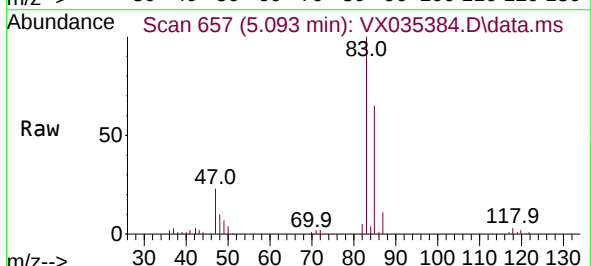
Acq: 28 Apr 2023 12:34

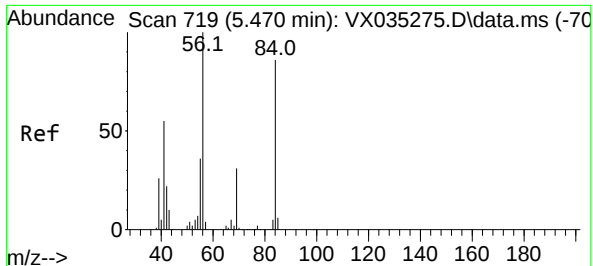
Tgt Ion: 83 Resp: 93045

Ion Ratio Lower Upper

83 100

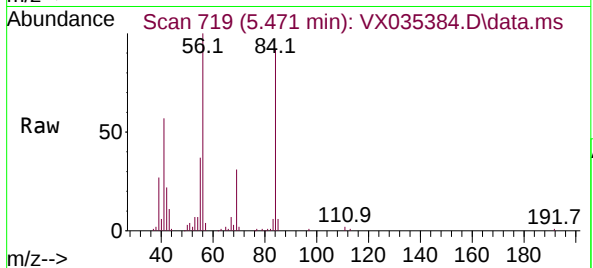
85 64.9 50.6 76.0





#31
Cyclohexane
Concen: 17.838 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

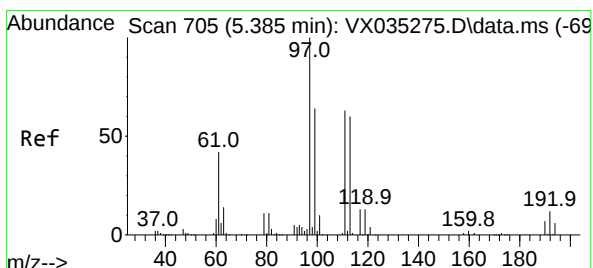
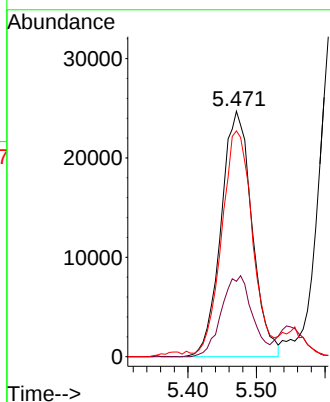
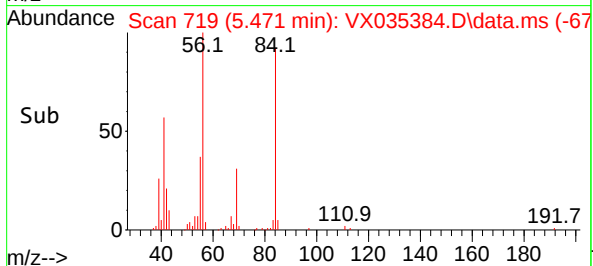
Instrument :
MSVOA_X
ClientSampleId :
VX0428MBS01



Tgt Ion: 56 Resp: 7748
Ion Ratio Lower Upper
56 100
69 30.7 23.7 35.5
84 90.1 68.5 102.7

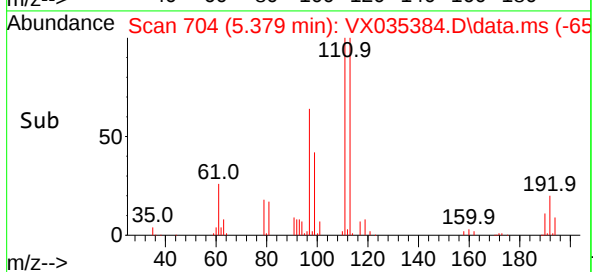
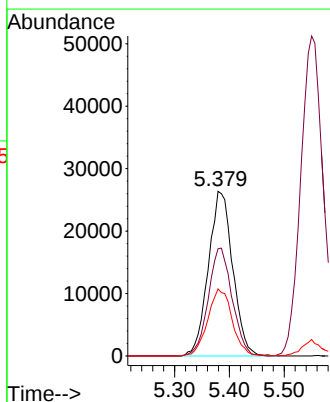
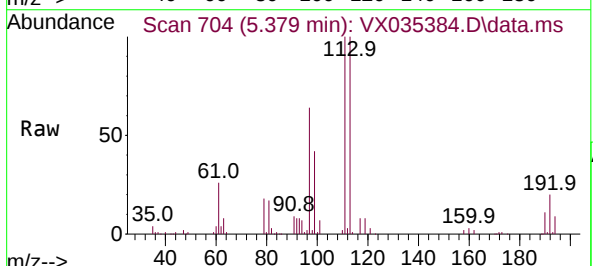
Manual Integrations
APPROVED

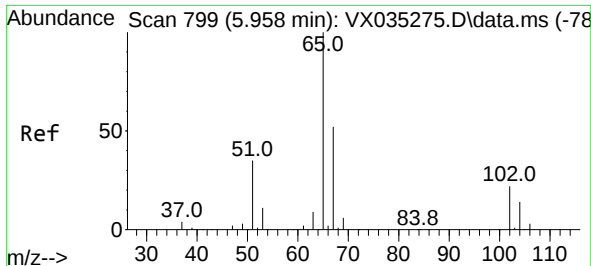
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#32
1,1,1-Trichloroethane
Concen: 19.002 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

Tgt Ion: 97 Resp: 81298
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 40.8 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 48.467 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX035384.D

Acq: 28 Apr 2023 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0428MBS01

Tgt Ion: 65 Resp: 148420

Ion Ratio Lower Upper

65 100

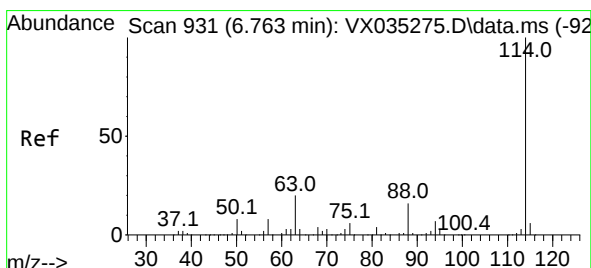
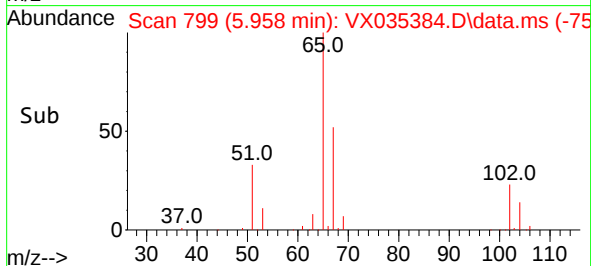
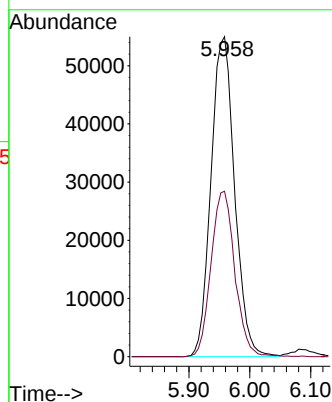
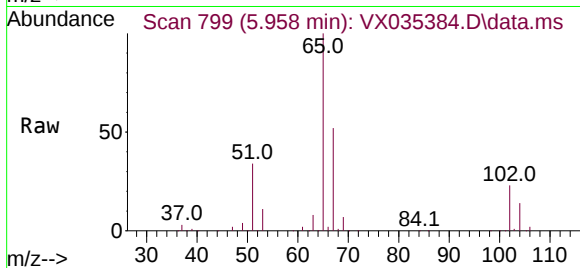
67 52.0 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 05/01/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035384.D

Acq: 28 Apr 2023 12:34

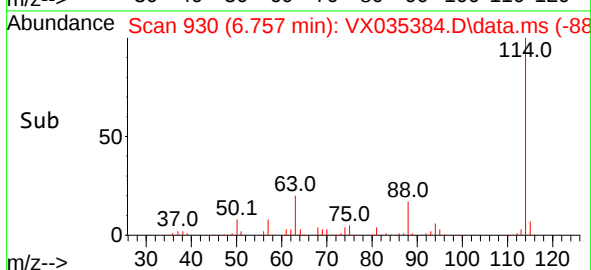
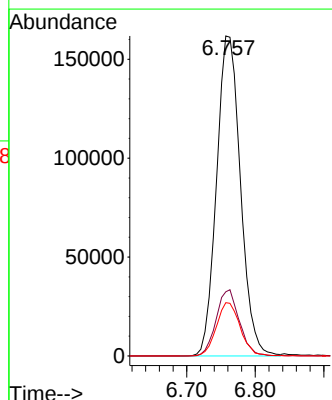
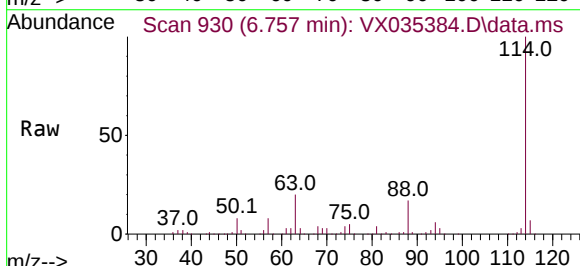
Tgt Ion:114 Resp: 391922

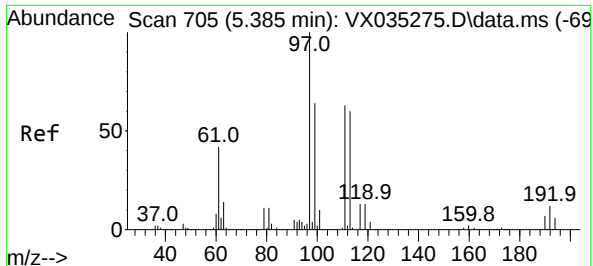
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.2

88 16.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.788 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035384.D

Acq: 28 Apr 2023 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0428MBS01

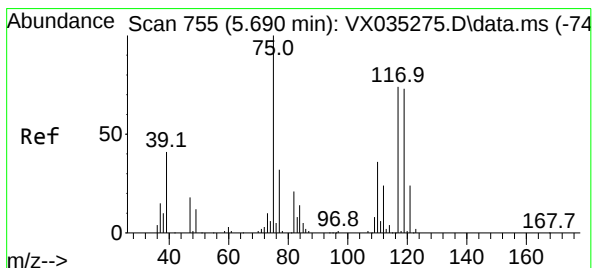
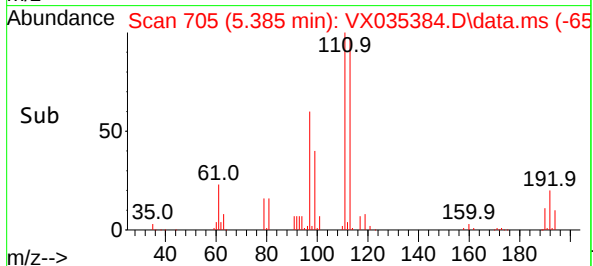
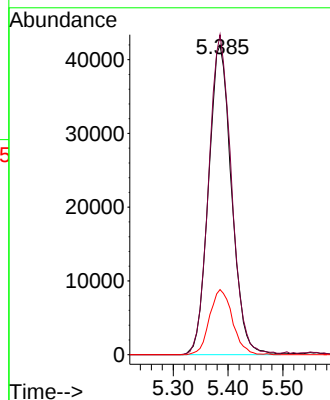
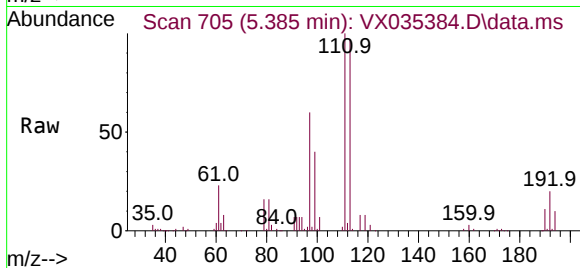
Tgt Ion:	113	Resp:	12217
Ion Ratio	Lower	Upper	
113	100		
111	102.6	83.7	125.5
192	21.0	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 05/01/2023



#36

1,1-Dichloropropene

Concen: 18.528 ug/l

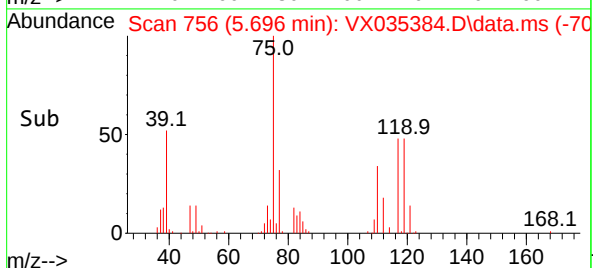
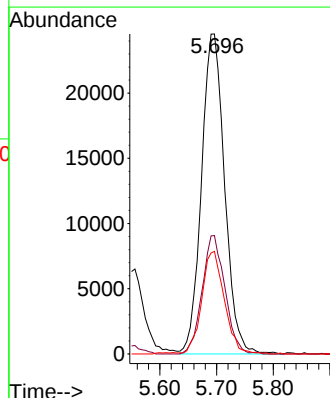
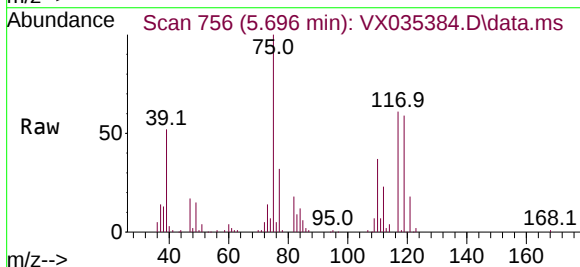
RT: 5.696 min Scan# 756

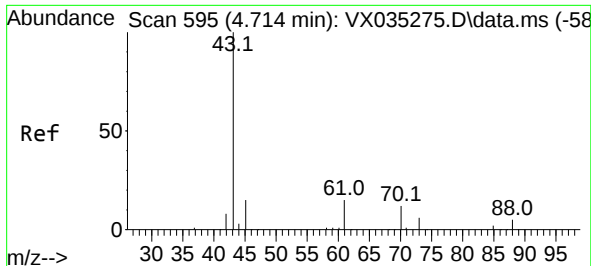
Delta R.T. 0.006 min

Lab File: VX035384.D

Acq: 28 Apr 2023 12:34

Tgt Ion:	75	Resp:	69594
Ion Ratio	Lower	Upper	
75	100		
110	36.4	17.5	52.5
77	31.3	24.3	36.5





#37

Ethyl Acetate

Concen: 18.037 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.007 min

Lab File: VX035384.D

Acq: 28 Apr 2023 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0428MBS01

Tgt Ion: 43 Resp: 61878

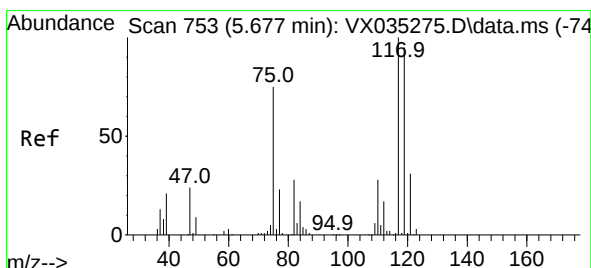
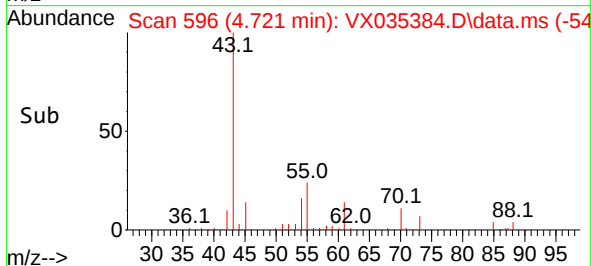
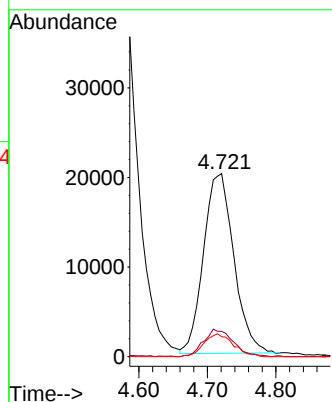
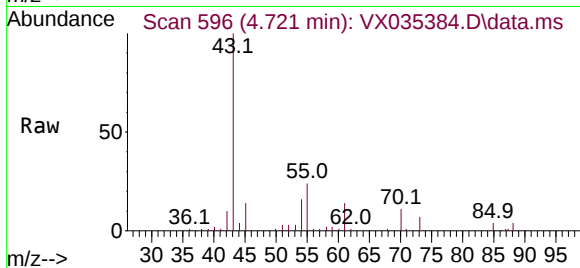
Ion	Ratio	Lower	Upper
43	100		
61	14.9	10.2	15.4
70	12.3	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 05/01/2023



#38

Carbon Tetrachloride

Concen: 19.705 ug/l

RT: 5.678 min Scan# 753

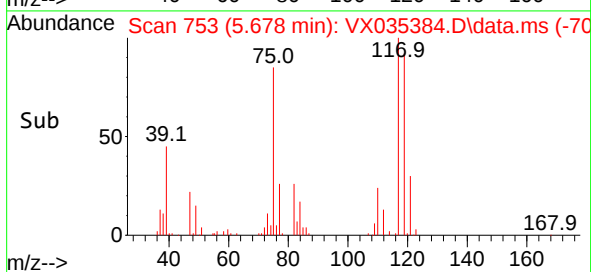
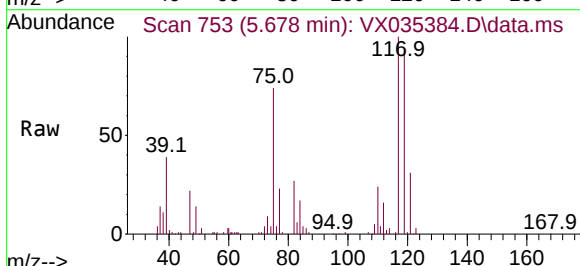
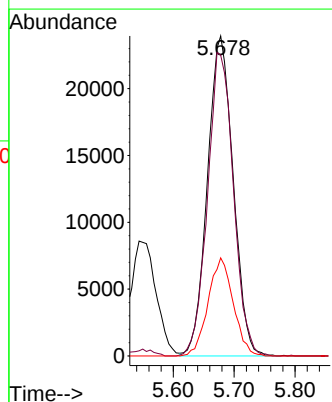
Delta R.T. 0.001 min

Lab File: VX035384.D

Acq: 28 Apr 2023 12:34

Tgt Ion:117 Resp: 70260

Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.6	114.8
121	30.6	23.8	35.6





#39

Methylcyclohexane

Concen: 18.063 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.001 min

Lab File: VX035384.D

Acq: 28 Apr 2023 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0428MBS01

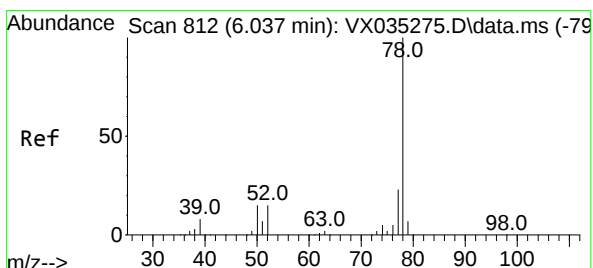
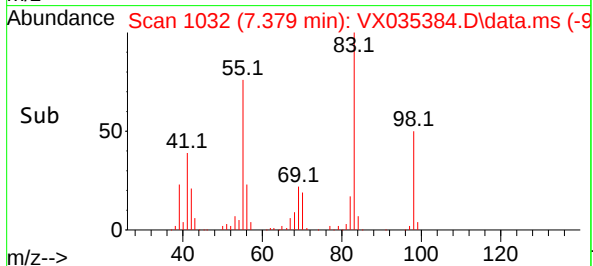
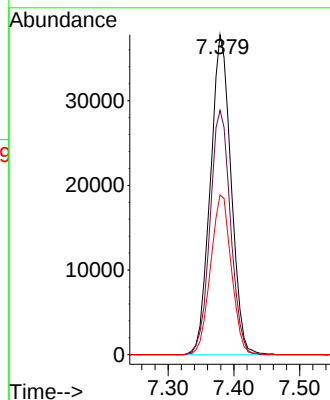
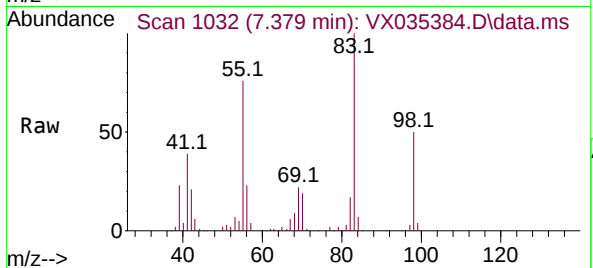
Tgt Ion: 83	Resp: 8258
Ion Ratio	Lower Upper
83 100	
55 76.4	60.5 90.7
98 49.9	40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 05/01/2023



#40

Benzene

Concen: 18.617 ug/l

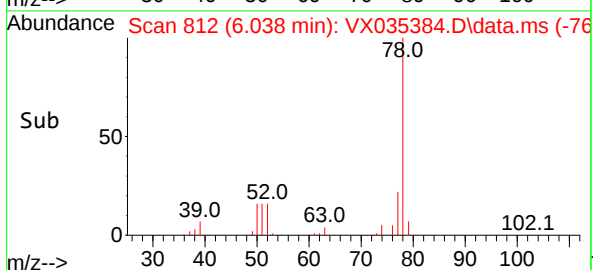
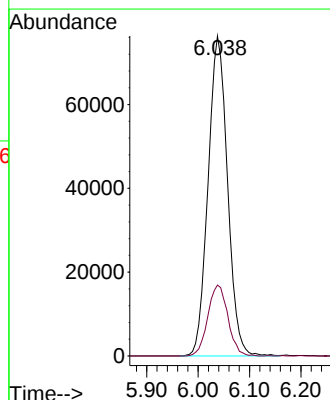
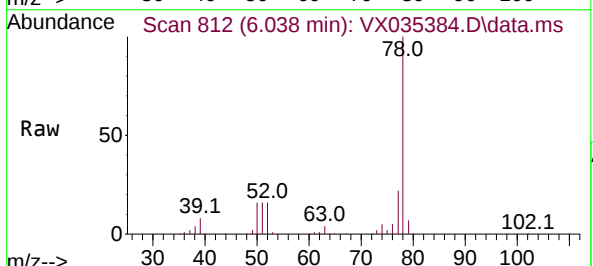
RT: 6.038 min Scan# 812

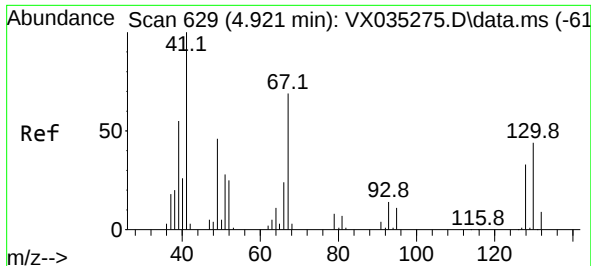
Delta R.T. 0.001 min

Lab File: VX035384.D

Acq: 28 Apr 2023 12:34

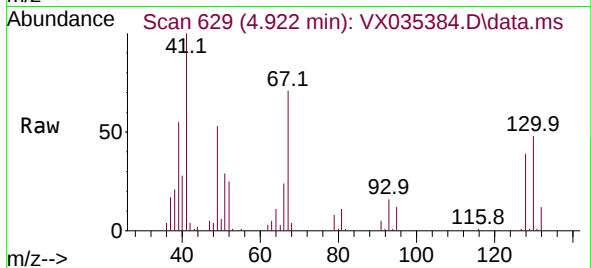
Tgt Ion: 78	Resp: 200594
Ion Ratio	Lower Upper
78 100	
77 22.1	19.0 28.4





#41
Methacrylonitrile
Concen: 19.040 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

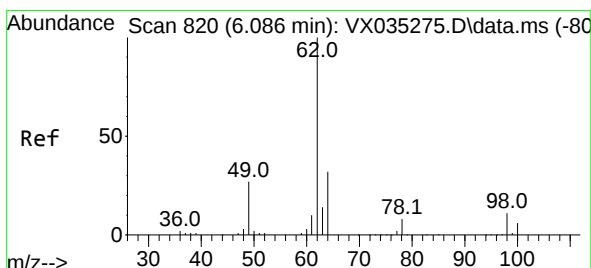
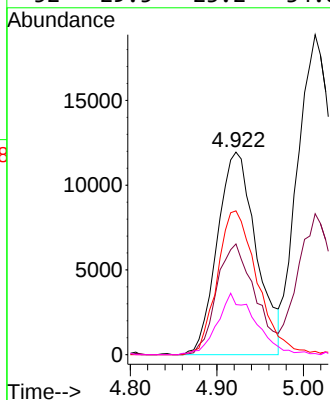
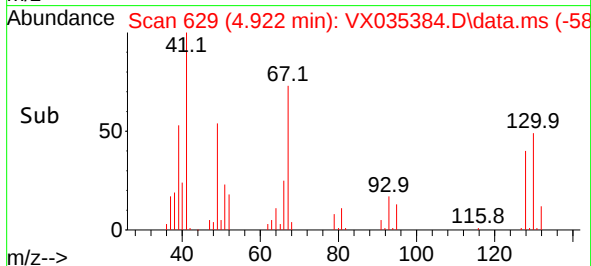
Instrument :
MSVOA_X
ClientSampleId :
VX0428MBS01



Tgt Ion:	41	Resp:	37420
Ion	Ratio	Lower	Upper
41	100		
39	54.1	45.0	67.6
67	72.9	55.6	83.4
52	29.5	23.2	34.8

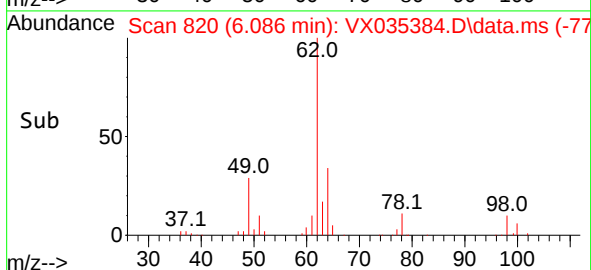
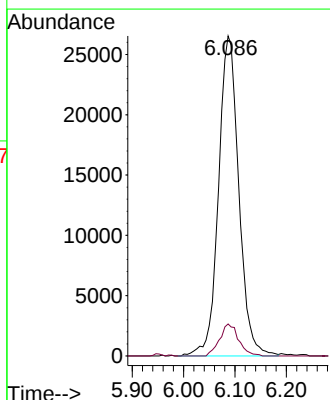
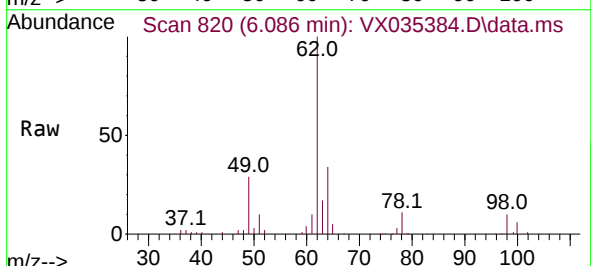
Manual Integrations
APPROVED

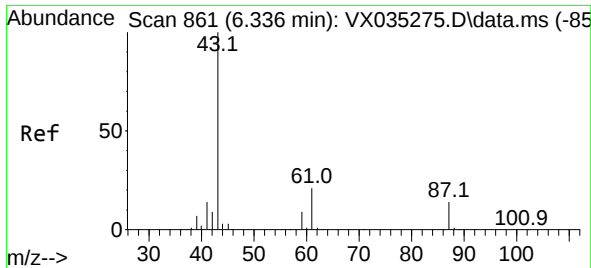
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#42
1,2-Dichloroethane
Concen: 18.961 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

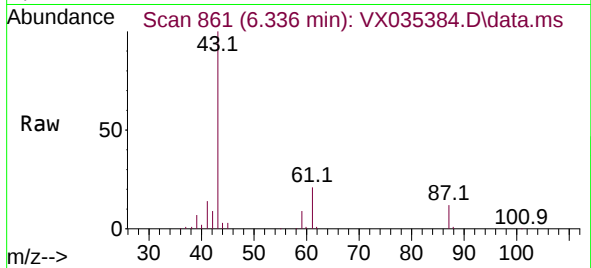
Tgt Ion:	62	Resp:	72845
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.0





#43
Isopropyl Acetate
Concen: 18.294 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

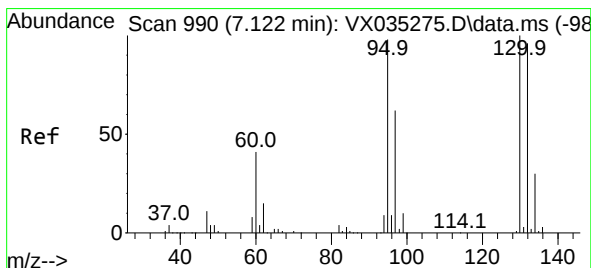
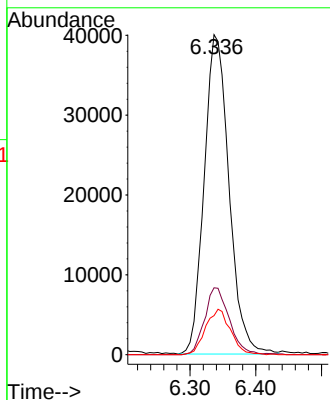
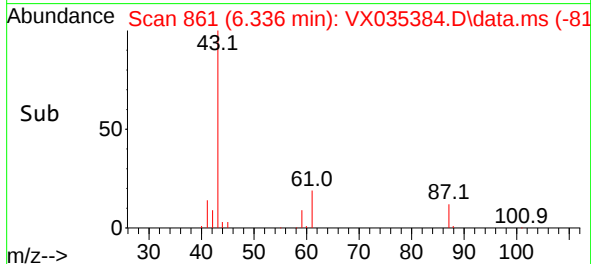
Instrument :
MSVOA_X
ClientSampleId :
VX0428MBS01



Tgt Ion: 43 Resp: 10545
Ion Ratio Lower Upper
43 100
61 20.7 15.2 22.8
87 14.2 9.8 14.8

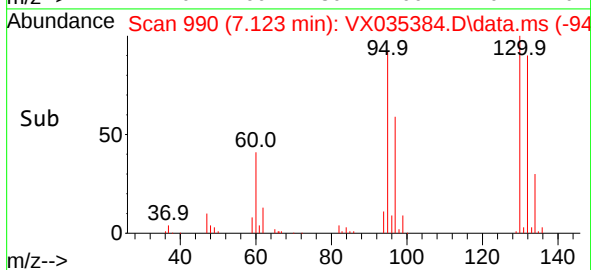
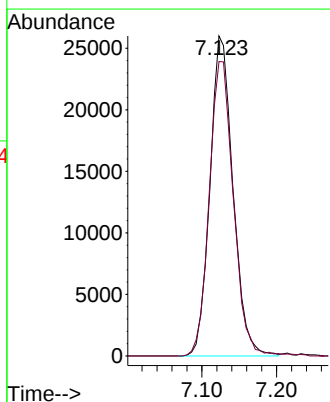
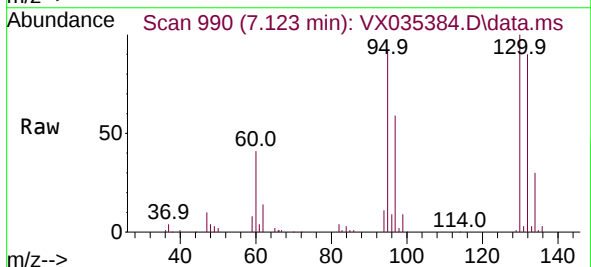
Manual Integrations
APPROVED

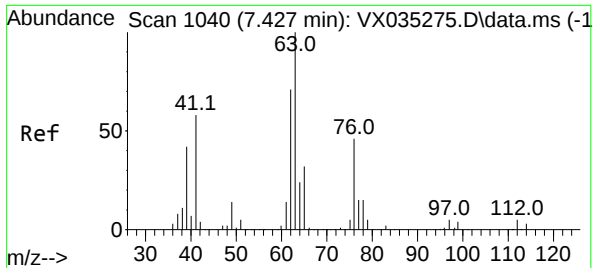
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#44
Trichloroethene
Concen: 18.756 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.001 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

Tgt Ion:130 Resp: 55672
Ion Ratio Lower Upper
130 100
95 92.0 0.0 198.4





#45

1,2-Dichloropropane

Concen: 19.049 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.007 min

Lab File: VX035384.D

Acq: 28 Apr 2023 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0428MBS01

Tgt Ion: 63 Resp: 5174

Ion Ratio Lower Upper

63 100

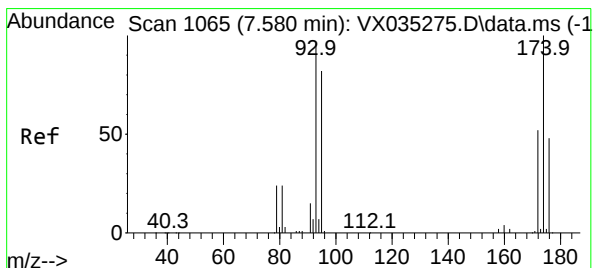
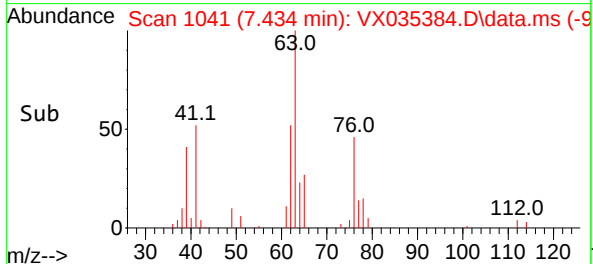
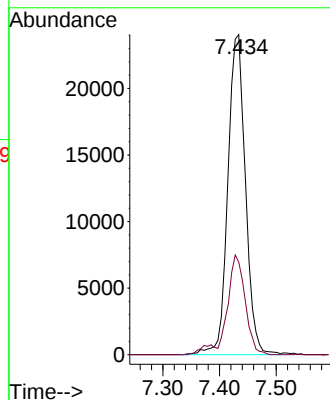
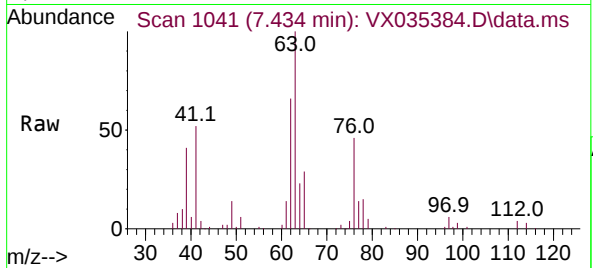
65 28.9 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 05/01/2023



#46

Dibromomethane

Concen: 18.806 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX035384.D

Acq: 28 Apr 2023 12:34

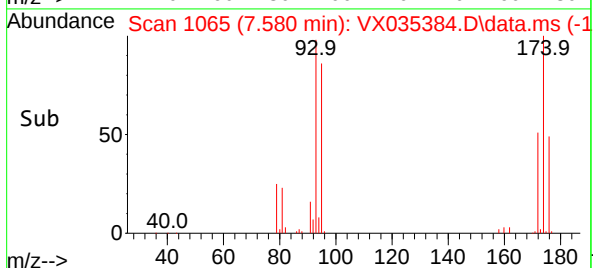
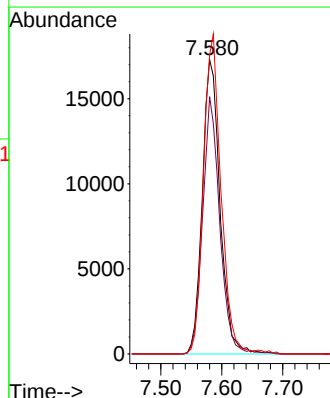
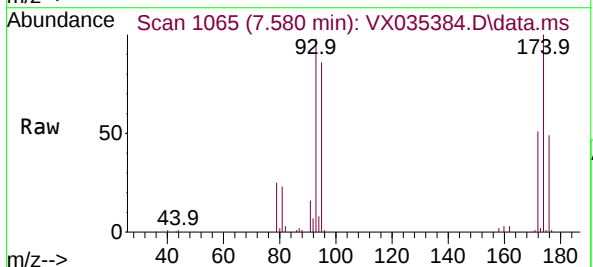
Tgt Ion: 93 Resp: 35082

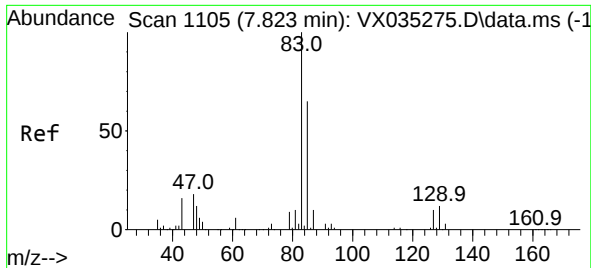
Ion Ratio Lower Upper

93 100

95 83.8 66.9 100.3

174 106.9 75.4 113.0





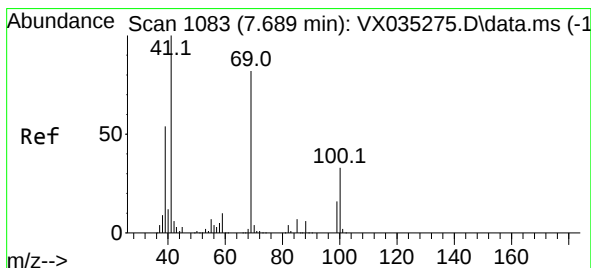
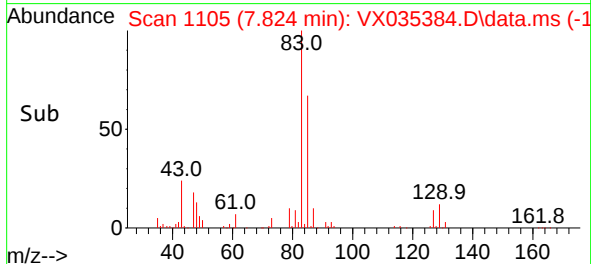
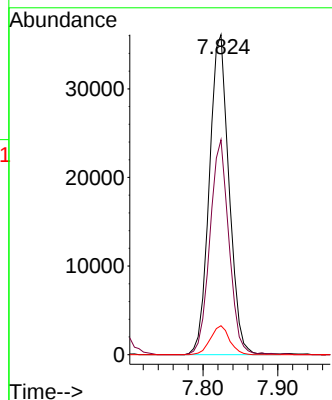
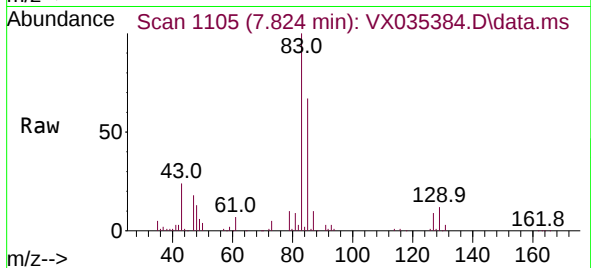
#47
Bromodichloromethane
Concen: 19.170 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0428MBS01

Tgt Ion: 83 Resp: 6588
Ion Ratio Lower Upper
83 100
85 67.1 52.2 78.4
127 9.1 6.6 9.8

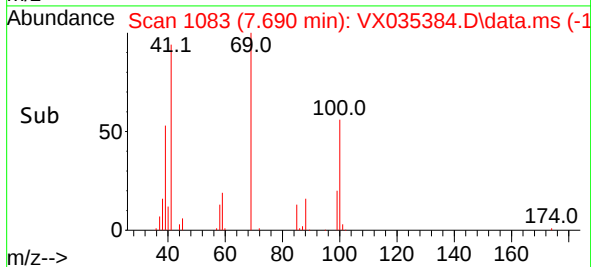
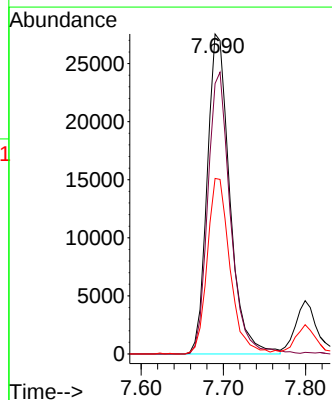
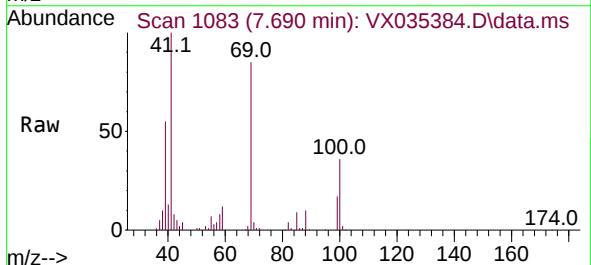
Manual Integrations
APPROVED

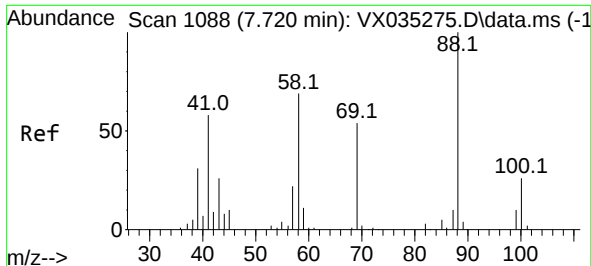
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#48
Methyl methacrylate
Concen: 18.564 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

Tgt Ion: 41 Resp: 52491
Ion Ratio Lower Upper
41 100
69 87.8 62.2 93.4
39 55.1 47.7 71.5





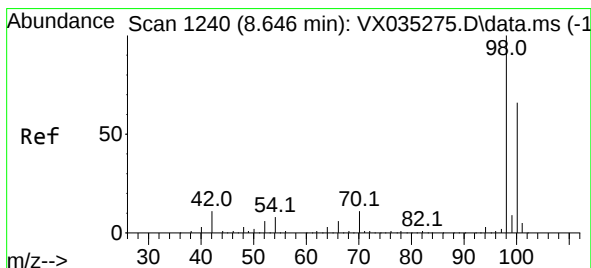
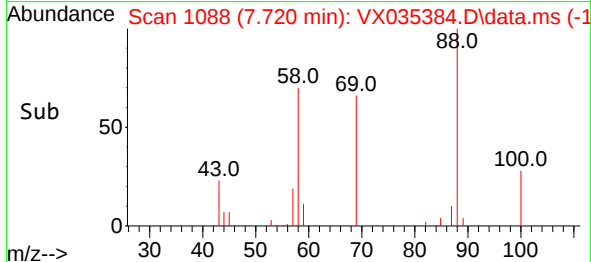
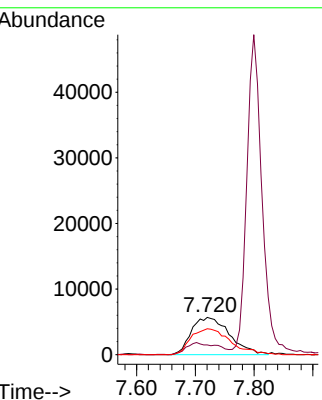
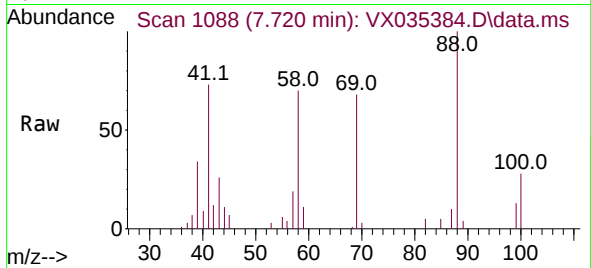
#49
1,4-Dioxane
Concen: 373.254 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0428MBS01

Tgt Ion: 88 Resp: 25720
Ion Ratio Lower Upper
88 100
43 26.6 27.7 41.5
58 72.0 56.8 85.2

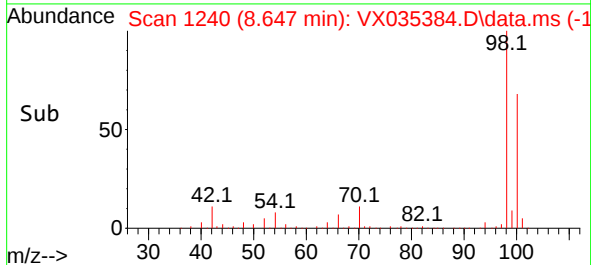
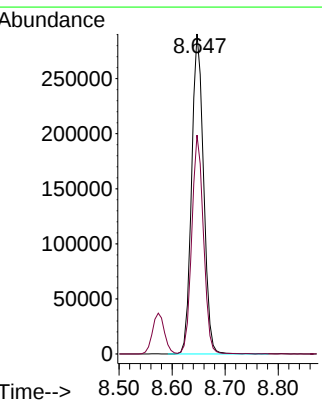
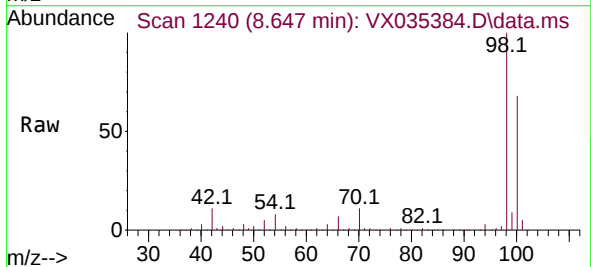
Manual Integrations
APPROVED

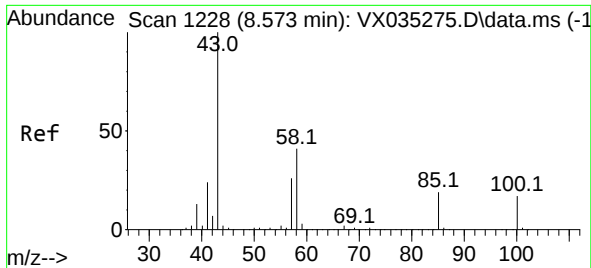
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#50
Toluene-d8
Concen: 50.040 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

Tgt Ion: 98 Resp: 454079
Ion Ratio Lower Upper
98 100
100 67.0 52.5 78.7





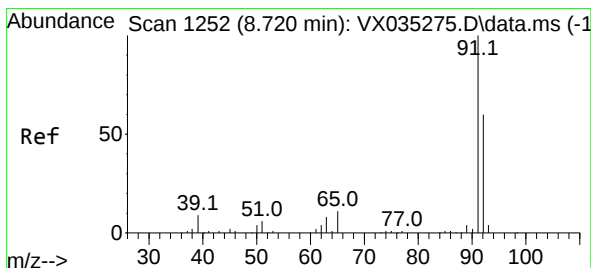
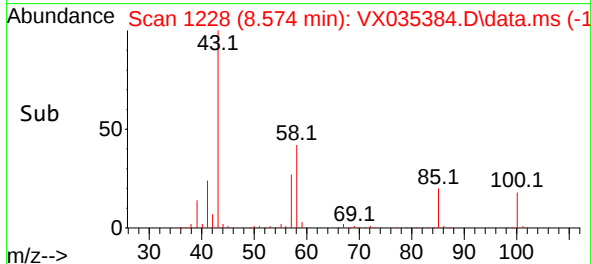
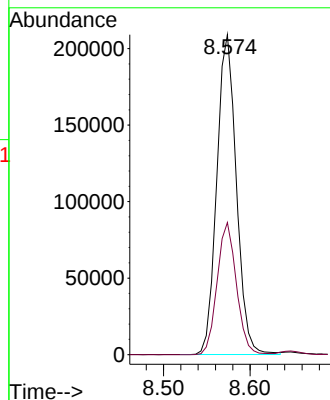
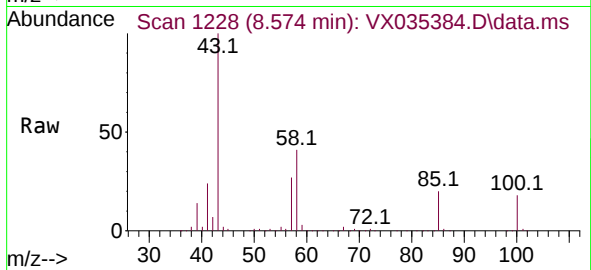
#51
4-Methyl-2-Pentanone
Concen: 92.605 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0428MBS01

Tgt Ion: 43 Resp: 32795
Ion Ratio Lower Upper
43 100
58 40.7 30.6 46.0

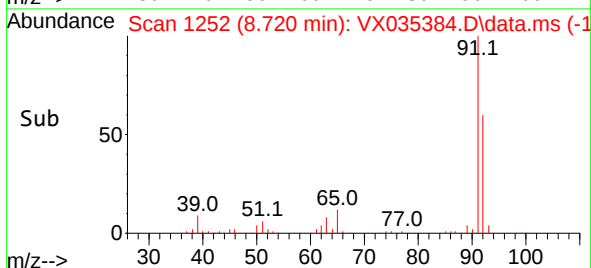
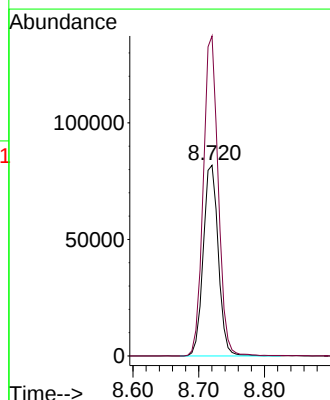
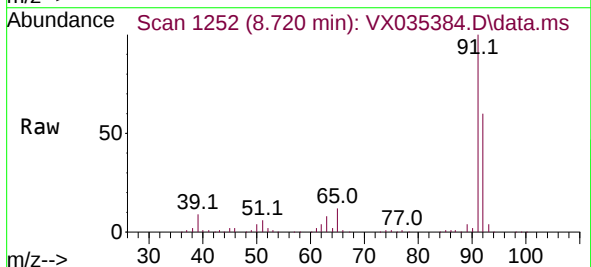
Manual Integrations
APPROVED

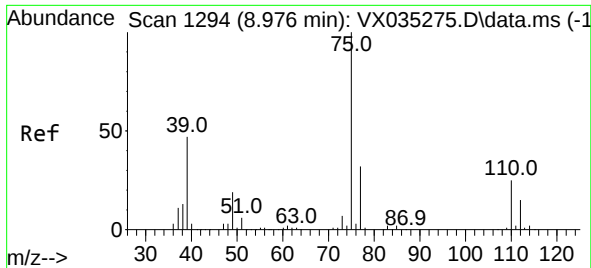
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#52
Toluene
Concen: 19.054 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

Tgt Ion: 92 Resp: 130139
Ion Ratio Lower Upper
92 100
91 167.0 136.8 205.2





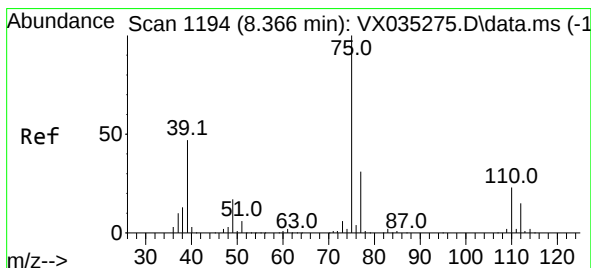
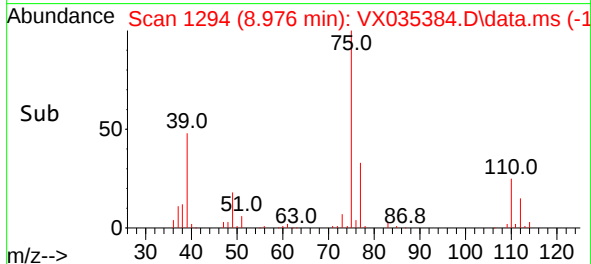
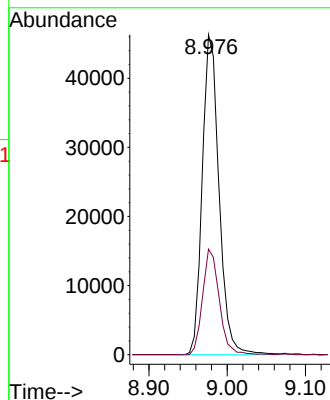
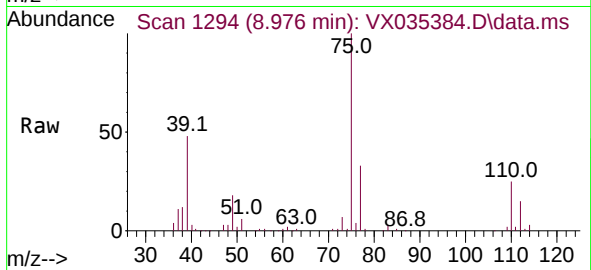
#53
t-1,3-Dichloropropene
Concen: 19.193 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0428MBS01

Tgt Ion: 75 Resp: 6889
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.2

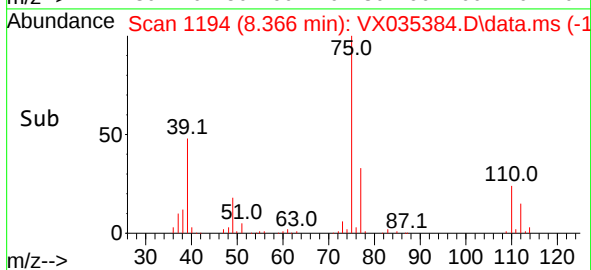
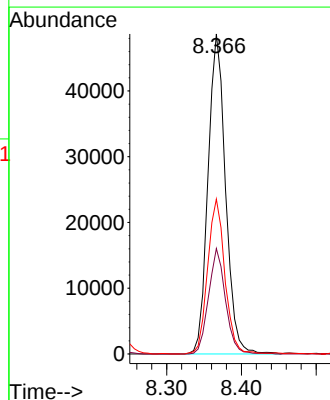
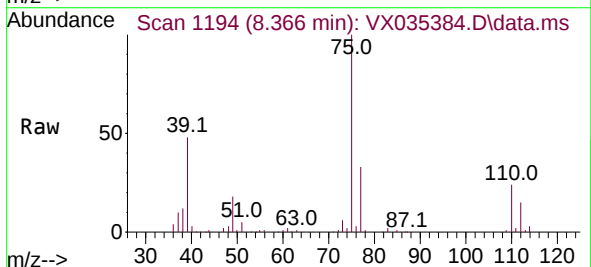
Manual Integrations
APPROVED

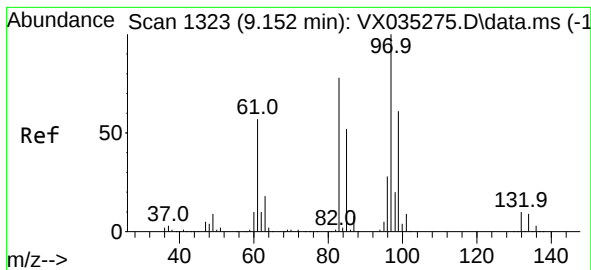
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#54
cis-1,3-Dichloropropene
Concen: 19.495 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

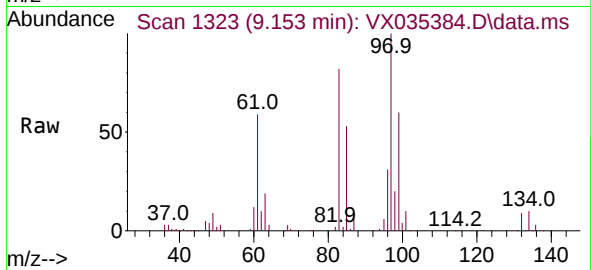
Tgt Ion: 75 Resp: 79092
Ion Ratio Lower Upper
75 100
77 33.0 25.0 37.4
39 48.4 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 18.931 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0428MBS01

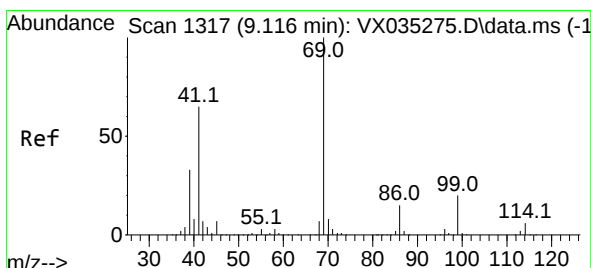
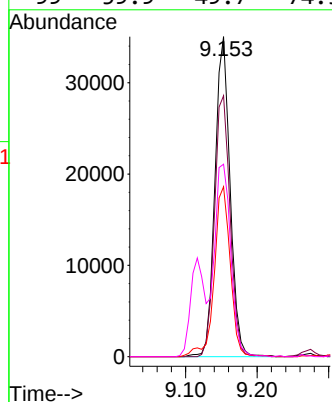
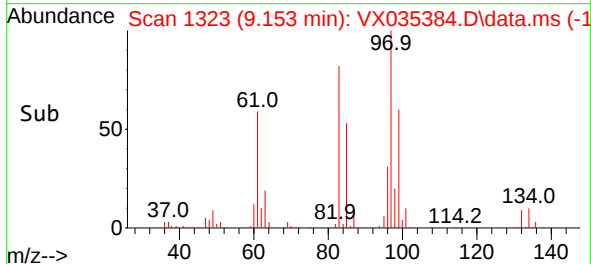


Tgt Ion: 97 Resp: 5154

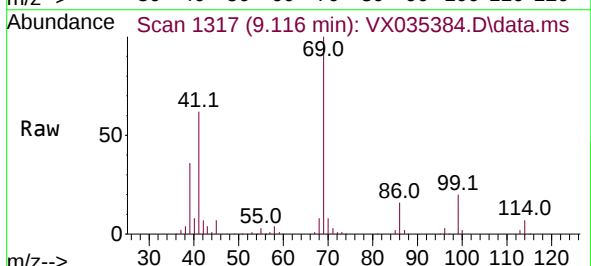
Ion	Ratio	Lower	Upper
97	100		
83	81.6	69.7	104.5
85	53.1	43.7	65.5
99	59.9	49.7	74.5

Manual Integrations
APPROVED

Reviewed By :John Carbone 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023

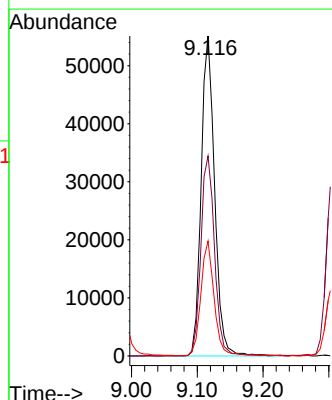
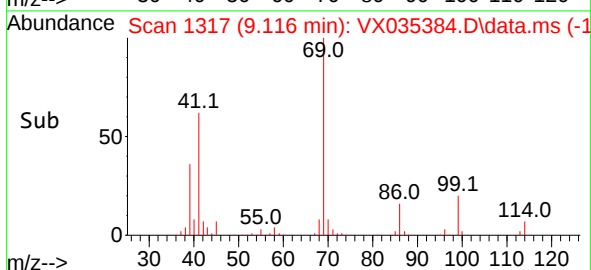


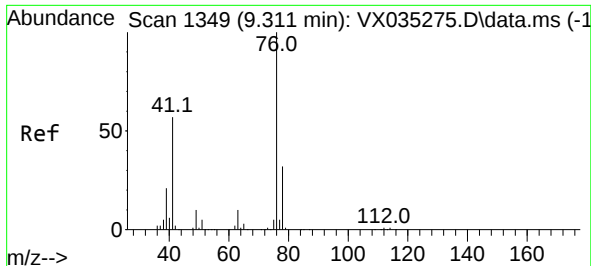
#56
Ethyl methacrylate
Concen: 19.351 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34



Tgt Ion: 69 Resp: 78487

Ion	Ratio	Lower	Upper
69	100		
41	63.7	57.4	86.0
39	35.2	33.7	50.5





#57

1,3-Dichloropropane

Concen: 18.606 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX035384.D

Acq: 28 Apr 2023 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0428MBS01

Tgt Ion: 76 Resp: 86649

Ion Ratio Lower Upper

76 100

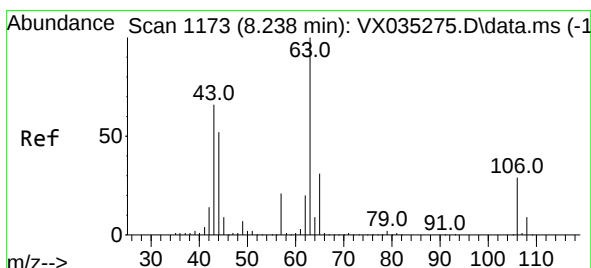
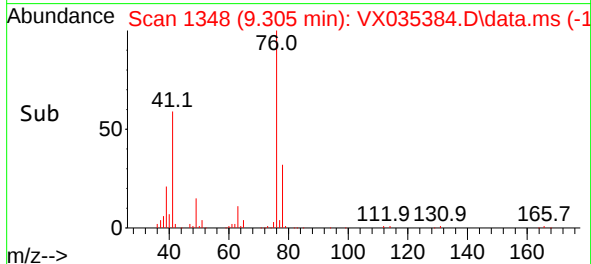
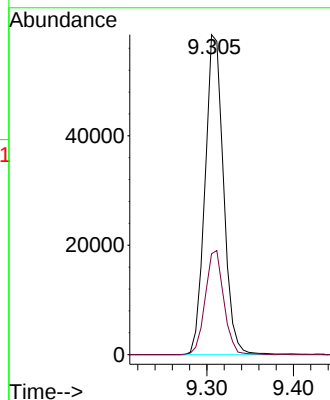
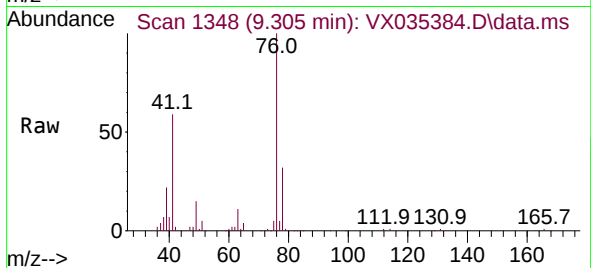
78 32.7 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 05/01/2023



#58

2-Chloroethyl Vinyl ether

Concen: 84.454 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035384.D

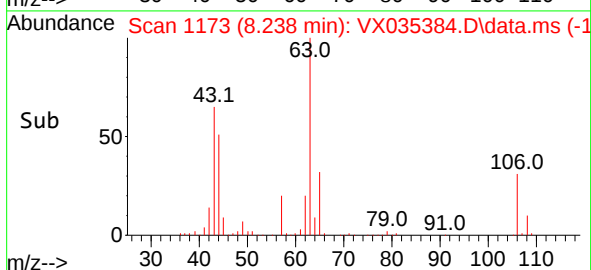
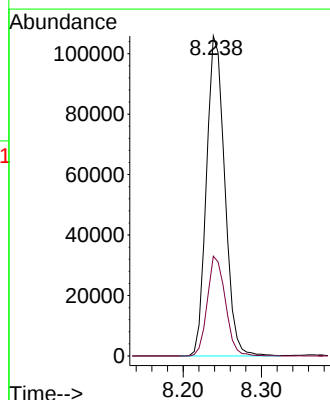
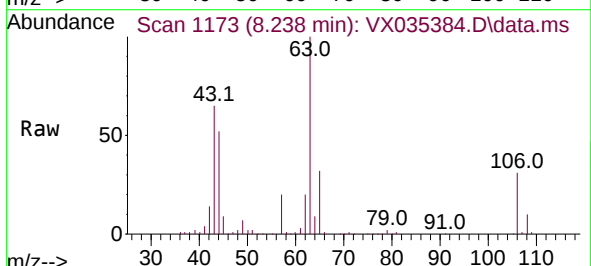
Acq: 28 Apr 2023 12:34

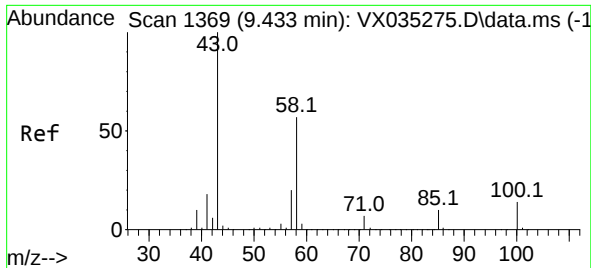
Tgt Ion: 63 Resp: 171276

Ion Ratio Lower Upper

63 100

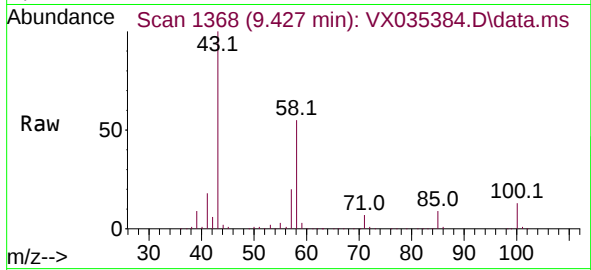
106 30.8 22.2 33.2





#59
2-Hexanone
Concen: 95.507 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

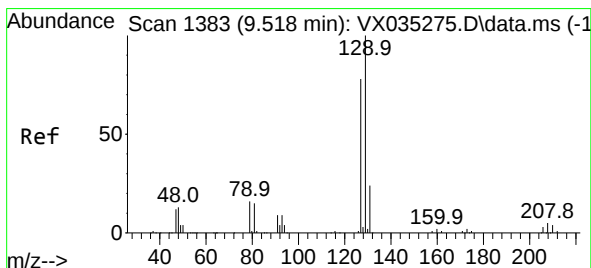
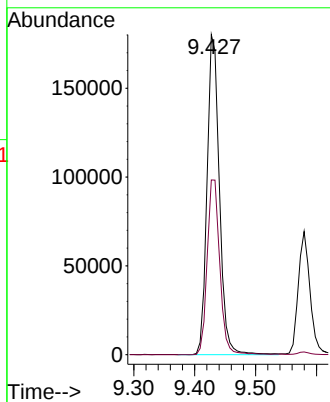
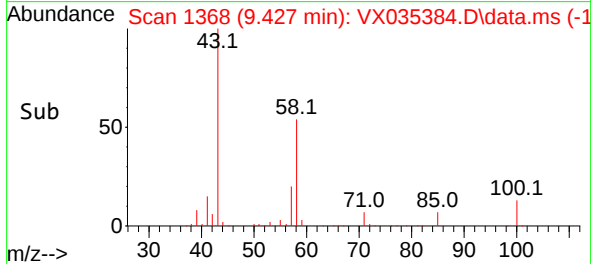
Instrument :
MSVOA_X
ClientSampleId :
VX0428MBS01



Tgt Ion: 43 Resp: 25409
Ion Ratio Lower Upper
43 100
58 55.8 26.3 78.9

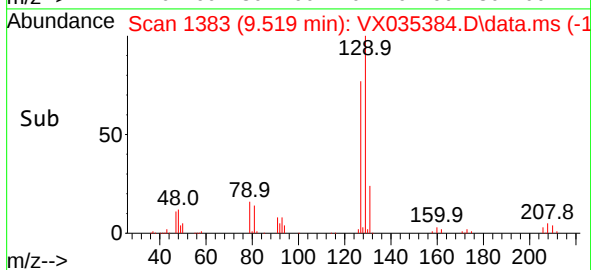
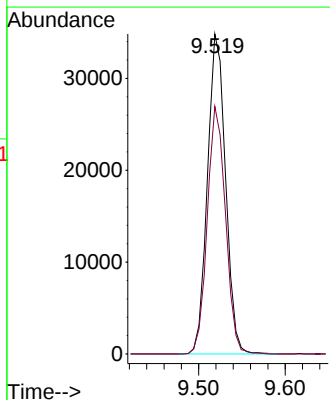
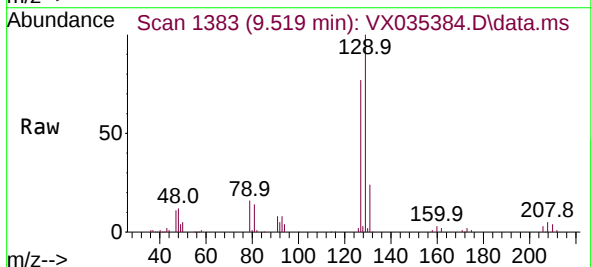
Manual Integrations
APPROVED

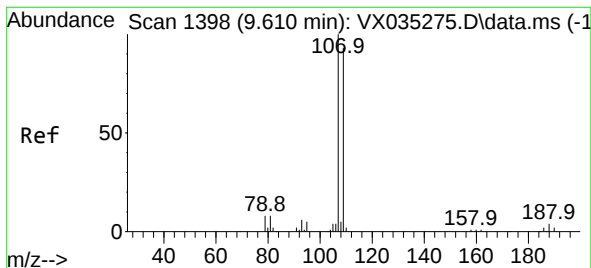
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#60
Dibromochloromethane
Concen: 19.385 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.001 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

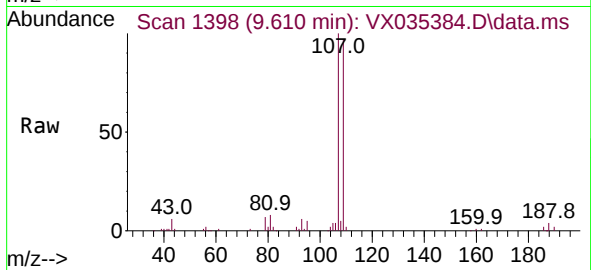
Tgt Ion:129 Resp: 50568
Ion Ratio Lower Upper
129 100
127 77.9 39.0 117.0





#61
1,2-Dibromoethane
Concen: 19.092 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

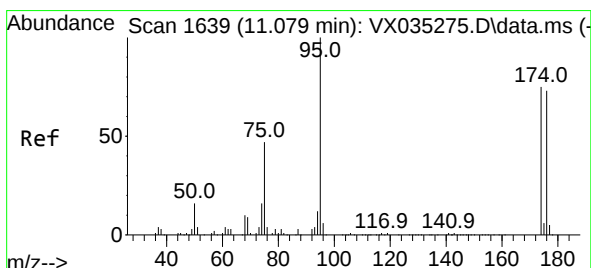
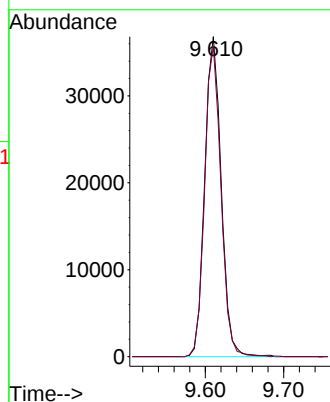
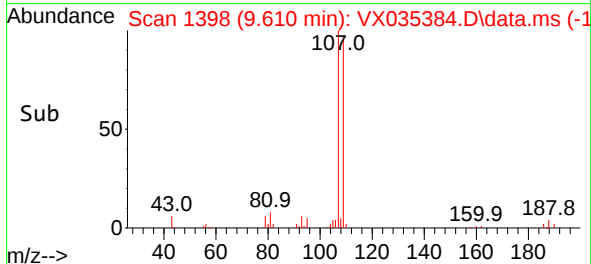
Instrument :
MSVOA_X
ClientSampleId :
VX0428MBS01



Tgt Ion:107 Resp: 5358
Ion Ratio Lower Upper
107 100
109 96.1 75.3 112.9

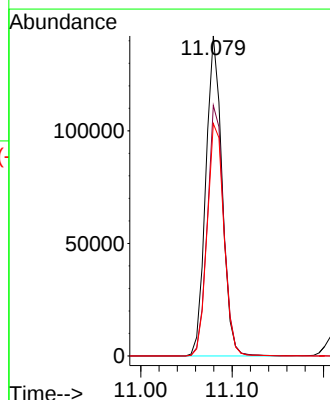
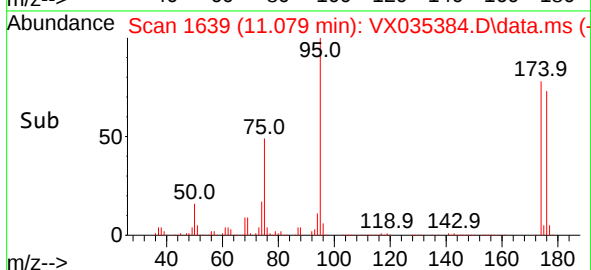
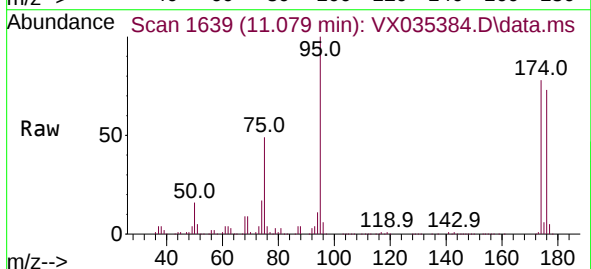
Manual Integrations
APPROVED

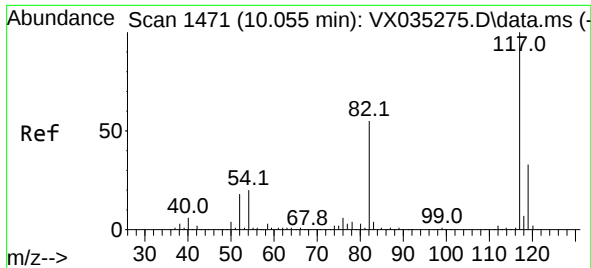
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#62
4-Bromofluorobenzene
Concen: 51.284 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

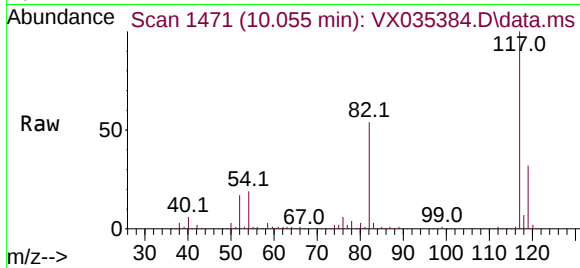
Tgt Ion: 95 Resp: 175064
Ion Ratio Lower Upper
95 100
174 79.1 0.0 147.4
176 75.2 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

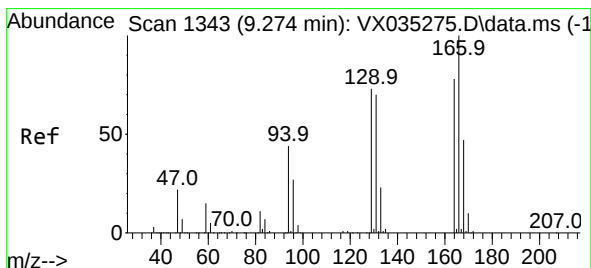
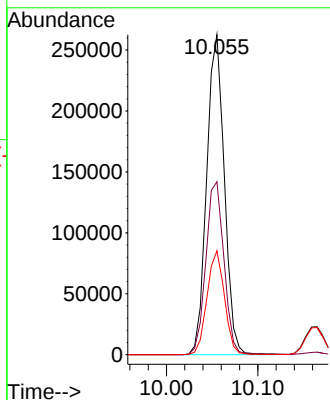
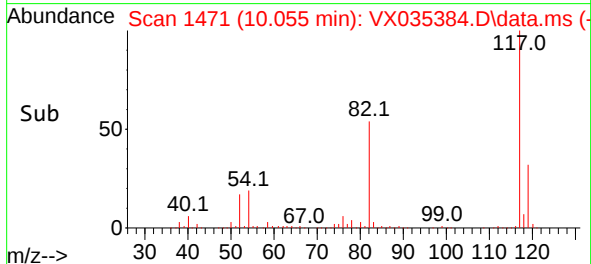
Instrument :
MSVOA_X
ClientSampleId :
VX0428MBS01



Tgt Ion:117 Resp: 352215
Ion Ratio Lower Upper
117 100
82 54.1 45.0 67.4
119 32.4 26.0 39.0

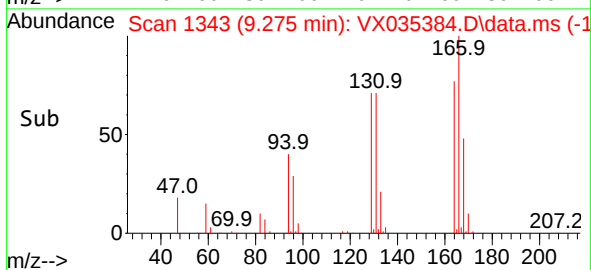
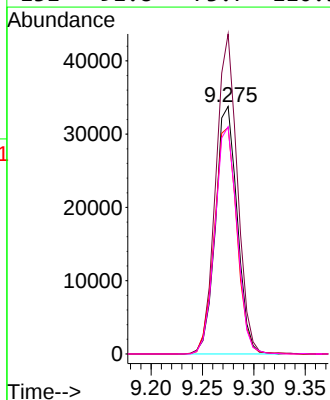
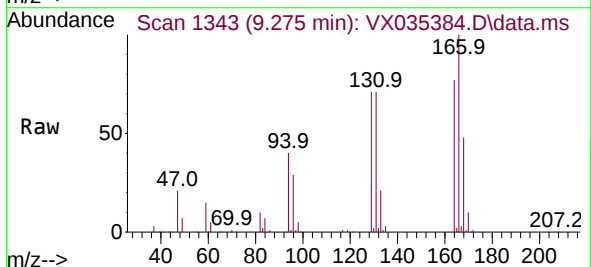
Manual Integrations
APPROVED

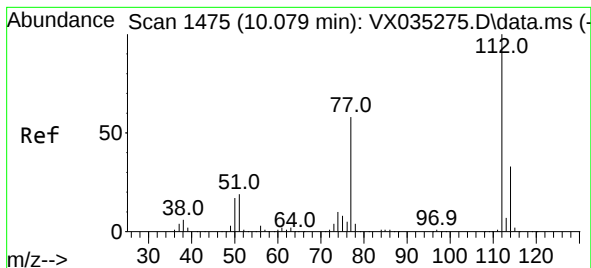
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#64
Tetrachloroethene
Concen: 18.355 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

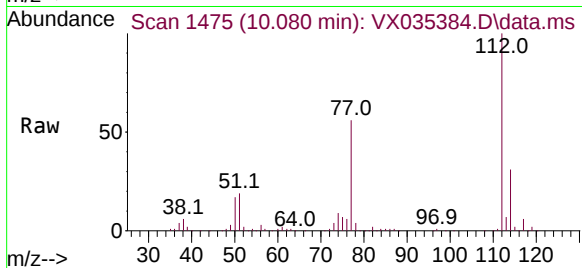
Tgt Ion:164 Resp: 49500
Ion Ratio Lower Upper
164 100
166 129.3 102.7 154.1
129 91.6 75.6 113.4
131 91.8 73.7 110.5





#65
Chlorobenzene
Concen: 18.225 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

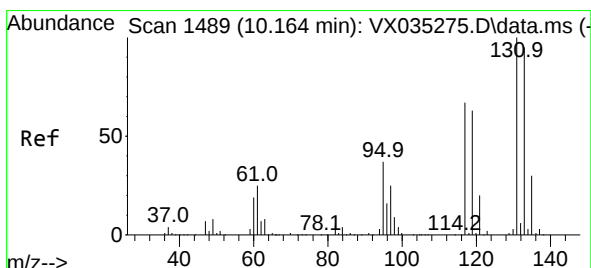
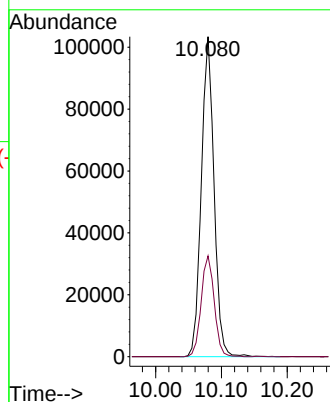
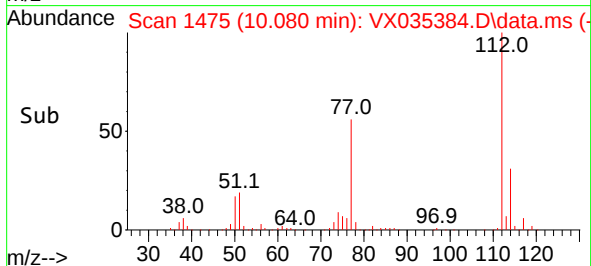
Instrument :
MSVOA_X
ClientSampleId :
VX0428MBS01



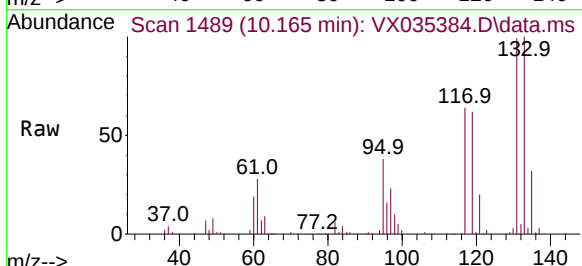
Tgt Ion:112 Resp: 13888
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.2

Manual Integrations
APPROVED

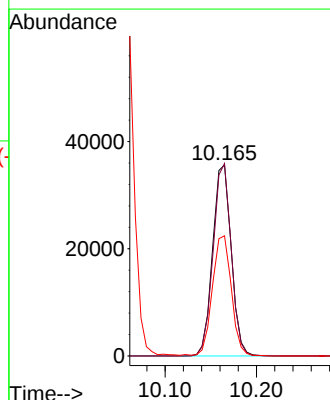
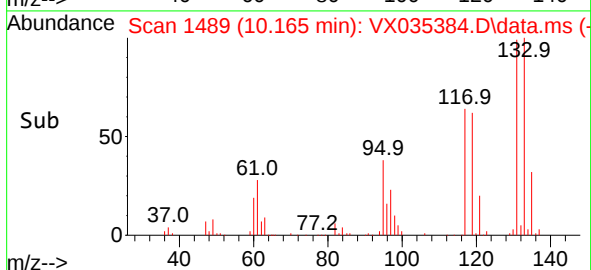
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023

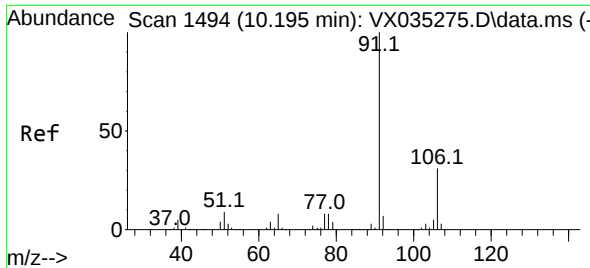


#66
1,1,1,2-Tetrachloroethane
Concen: 19.000 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34



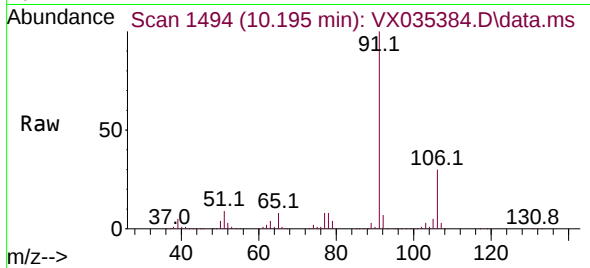
Tgt Ion:131 Resp: 50389
Ion Ratio Lower Upper
131 100
133 97.5 47.1 141.4
119 64.2 32.6 98.0





#67
Ethyl Benzene
Concen: 18.692 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

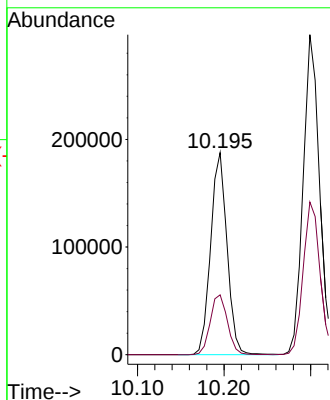
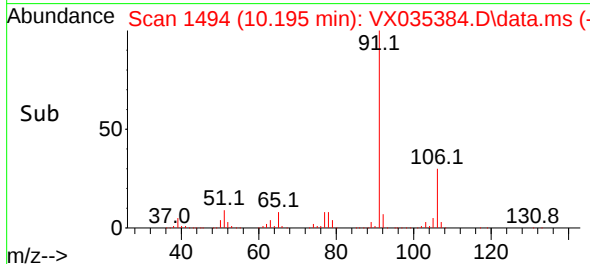
Instrument :
MSVOA_X
ClientSampleId :
VX0428MBS01



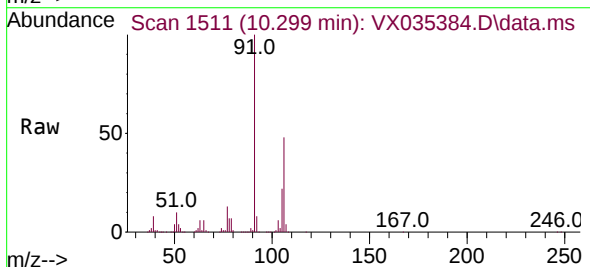
Tgt Ion: 91 Resp: 246668
Ion Ratio Lower Upper
91 100
106 29.6 25.6 38.4

Manual Integrations
APPROVED

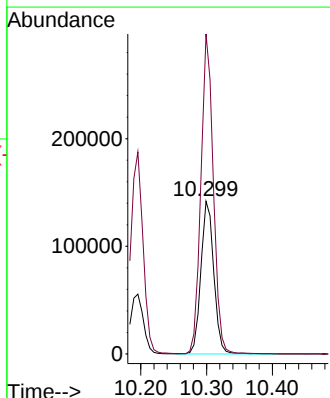
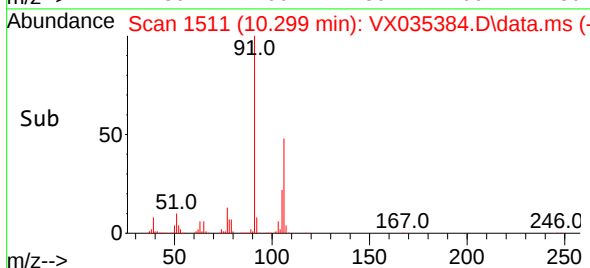
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023

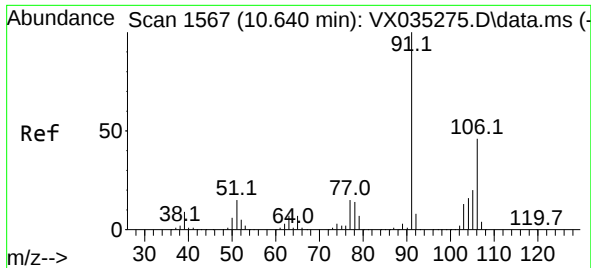


#68
m/p-Xylenes
Concen: 38.142 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34



Tgt Ion:106 Resp: 192874
Ion Ratio Lower Upper
106 100
91 202.6 164.0 246.0





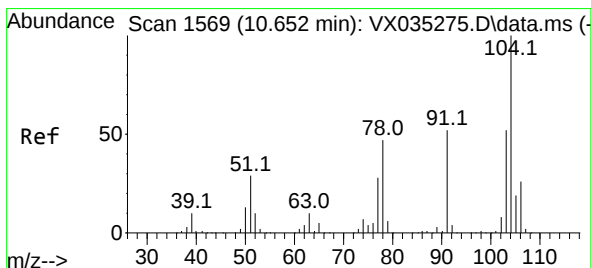
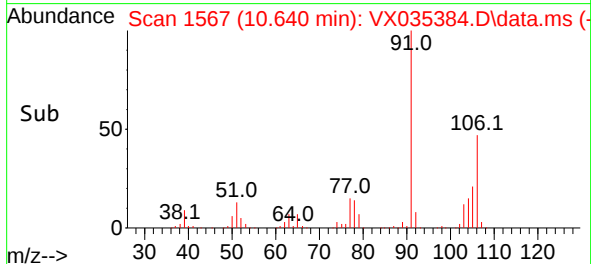
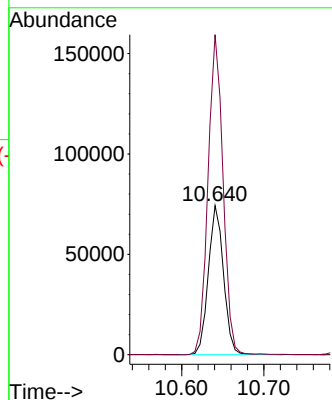
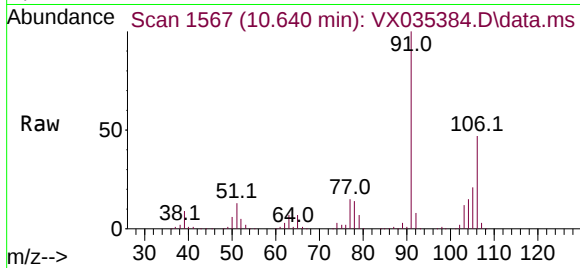
#69
o-Xylene
Concen: 19.195 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0428MBS01

Tgt Ion:106 Resp: 9518
Ion Ratio Lower Upper
106 100
91 211.8 108.5 325.3

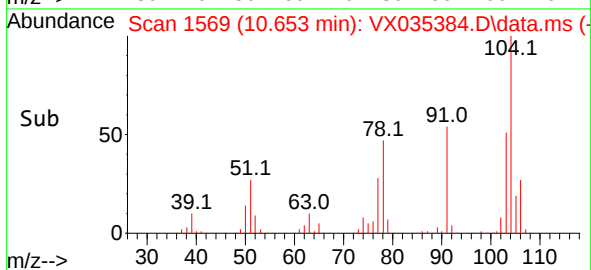
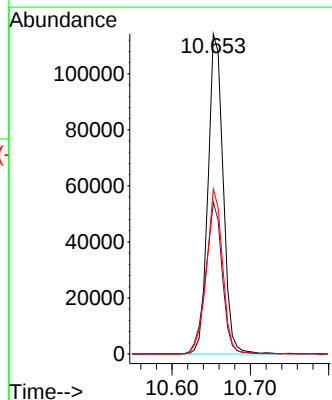
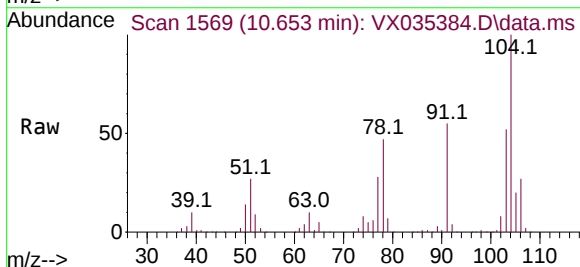
Manual Integrations
APPROVED

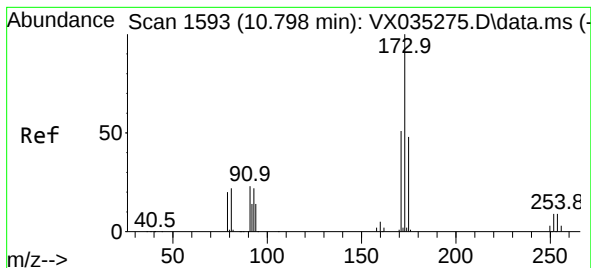
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#70
Styrene
Concen: 19.062 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.001 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

Tgt Ion:104 Resp: 153252
Ion Ratio Lower Upper
104 100
78 52.0 43.4 65.2
103 55.0 44.2 66.2





#71

Bromoform

Concen: 18.773 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.001 min

Lab File: VX035384.D

Acq: 28 Apr 2023 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0428MBS01

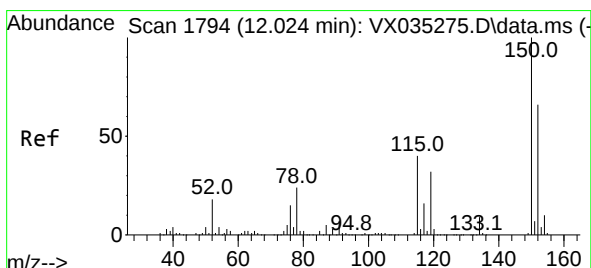
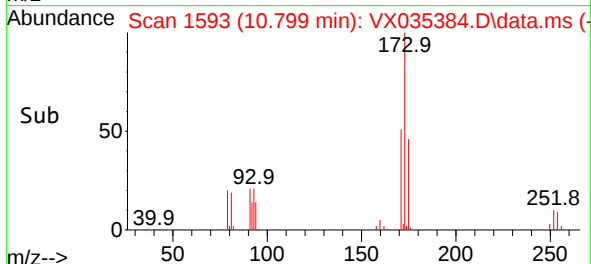
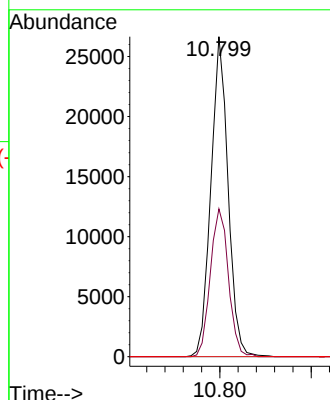
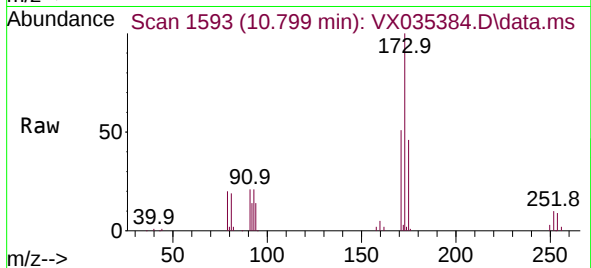
Tgt Ion:173	Resp:	34630
Ion Ratio	Lower	Upper
173	100	
175	48.8	24.1 72.4
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carbone 04/28/2023

Supervised By :Mahesh Dadoda 05/01/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

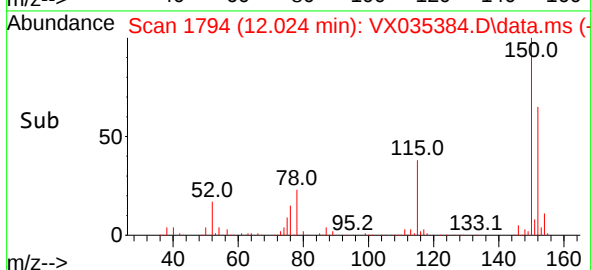
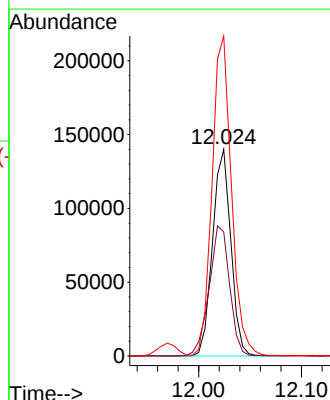
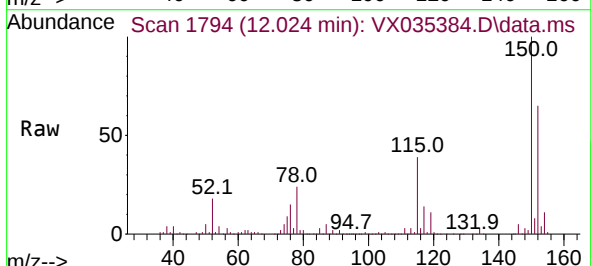
RT: 12.024 min Scan# 1794

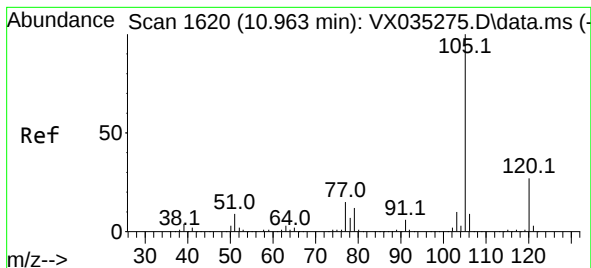
Delta R.T. 0.000 min

Lab File: VX035384.D

Acq: 28 Apr 2023 12:34

Tgt Ion:152	Resp:	173160
Ion Ratio	Lower	Upper
152	100	
115	70.4	45.0 135.0
150	163.8	0.0 352.4





#73

Isopropylbenzene

Concen: 19.744 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.001 min

Lab File: VX035384.D

Acq: 28 Apr 2023 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0428MBS01

Tgt Ion:105 Resp: 249910

Ion Ratio Lower Upper

105 100

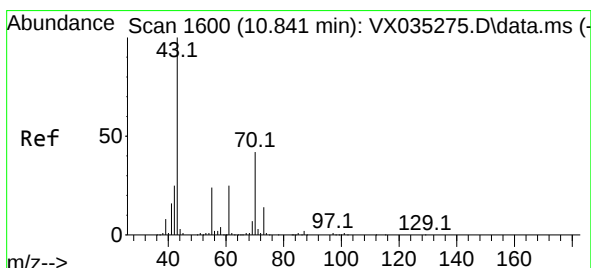
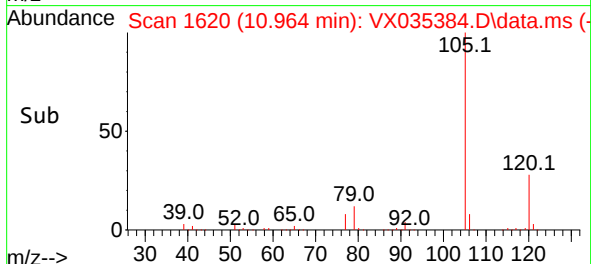
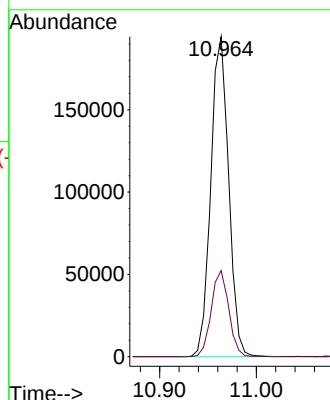
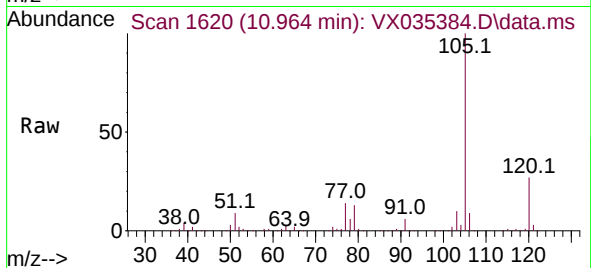
120 26.3 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 05/01/2023



#74

N-ethyl acetate

Concen: 18.753 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.001 min

Lab File: VX035384.D

Acq: 28 Apr 2023 12:34

Tgt Ion: 43 Resp: 89204

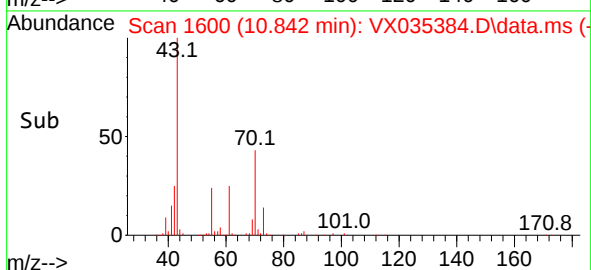
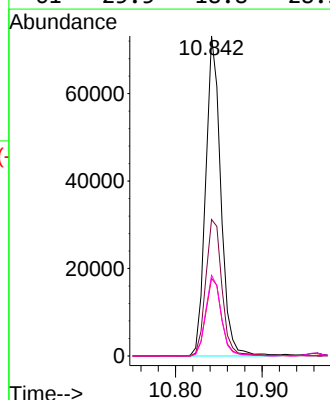
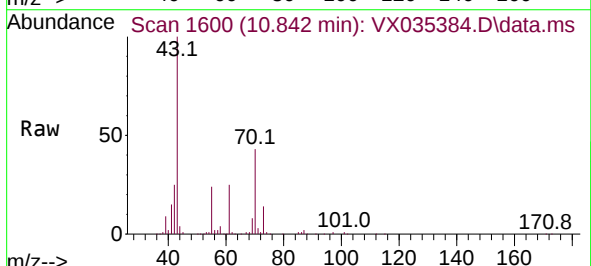
Ion Ratio Lower Upper

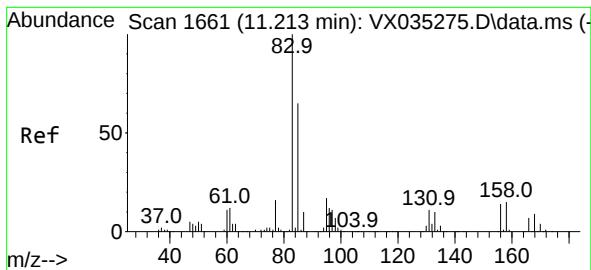
43 100

70 45.3 32.1 48.1

55 25.4 18.3 27.5

61 25.5 18.8 28.2





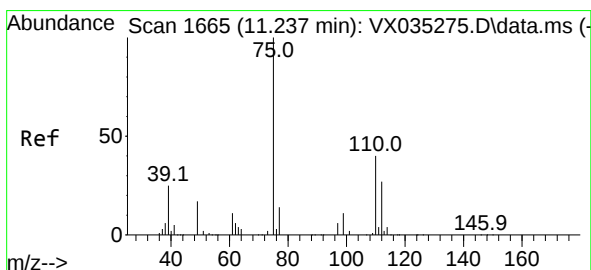
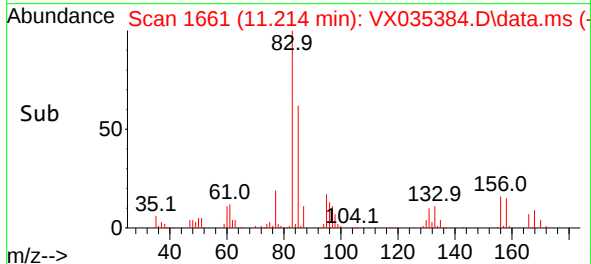
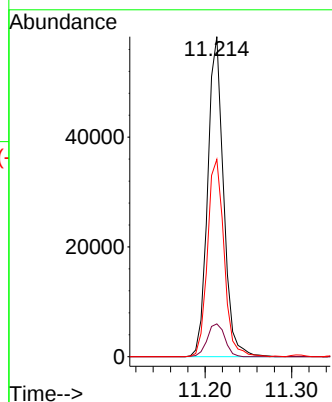
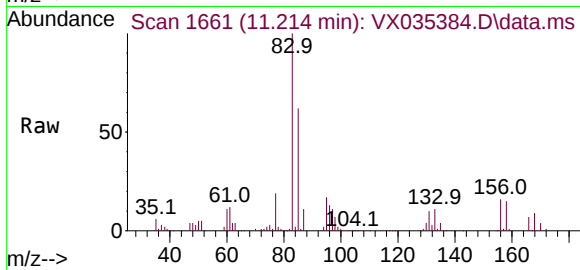
#75
1,1,2,2-Tetrachloroethane
Concen: 18.863 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.001 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0428MBS01

Tgt Ion: 83 Resp: 74110
Ion Ratio Lower Upper
83 100
131 11.4 4.8 14.3
85 64.5 32.0 96.0

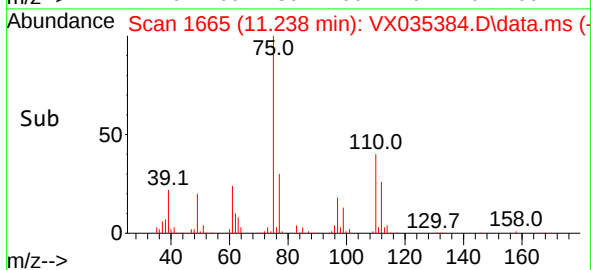
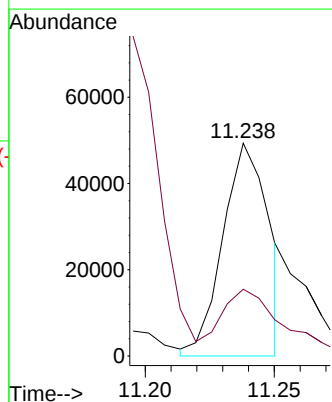
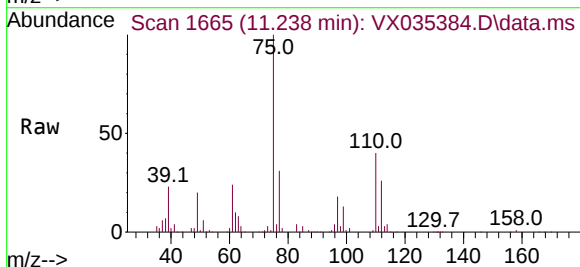
Manual Integrations
APPROVED

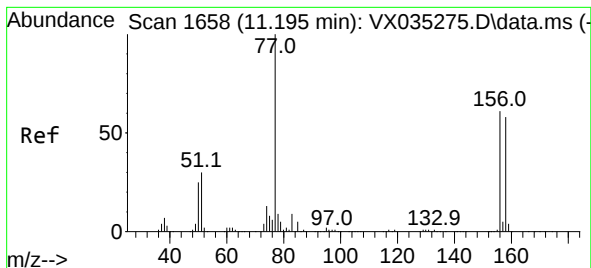
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#76
1,2,3-Trichloropropane
Concen: 17.685 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

Tgt Ion: 75 Resp: 61085
Ion Ratio Lower Upper
75 100
77 42.2 21.6 64.8





#77

Bromobenzene

Concen: 19.388 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035384.D

Acq: 28 Apr 2023 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0428MBS01

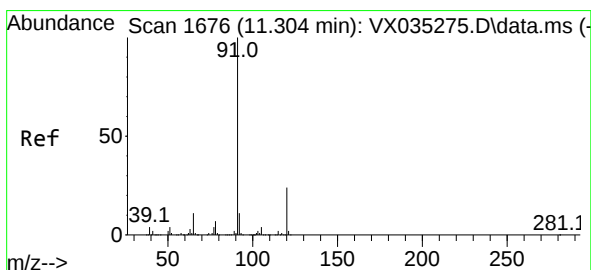
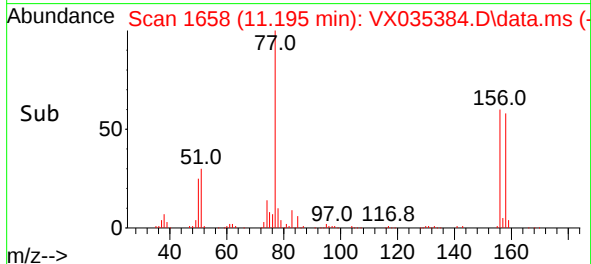
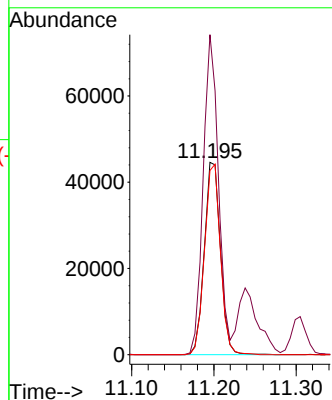
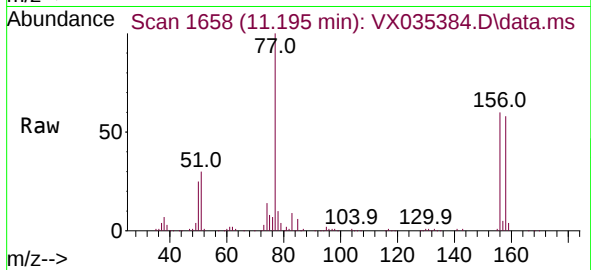
Tgt Ion:	156	Resp:	61004
Ion Ratio	Lower	Upper	
156	100		
77	156.4	86.7	259.9
158	97.4	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 05/01/2023



#78

n-propylbenzene

Concen: 19.295 ug/l

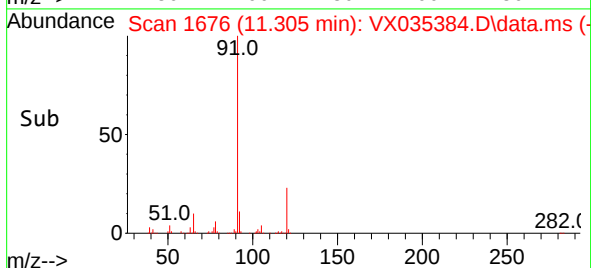
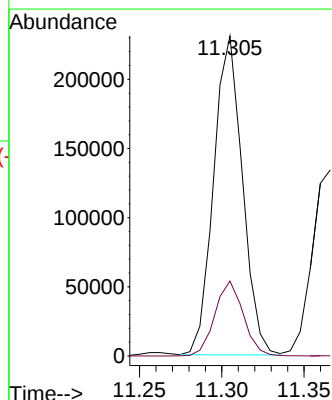
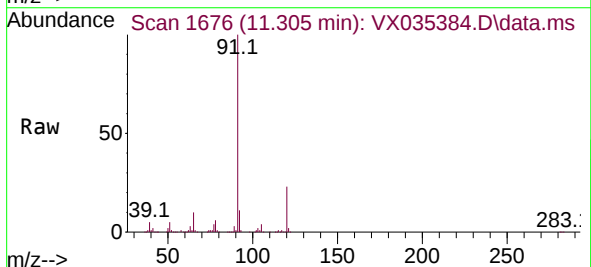
RT: 11.305 min Scan# 1676

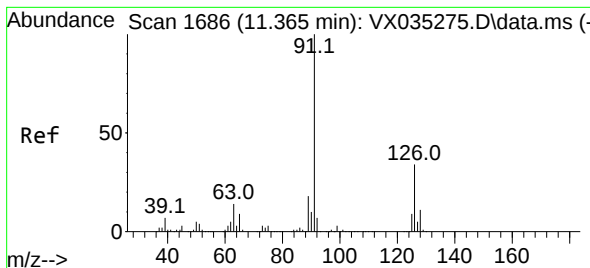
Delta R.T. 0.001 min

Lab File: VX035384.D

Acq: 28 Apr 2023 12:34

Tgt Ion:	91	Resp:	280494
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.5	34.5





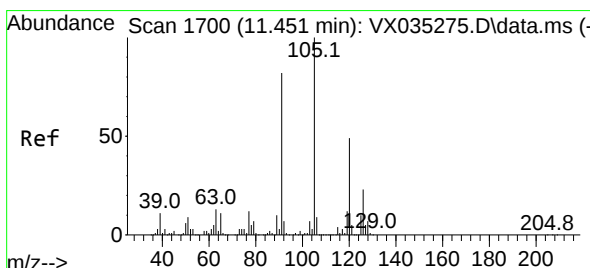
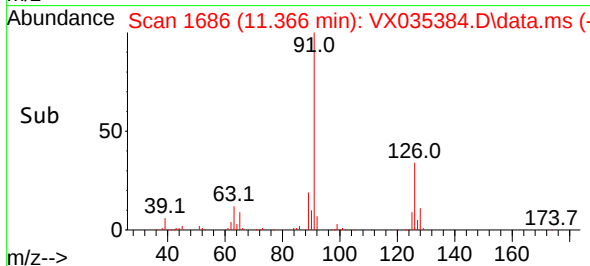
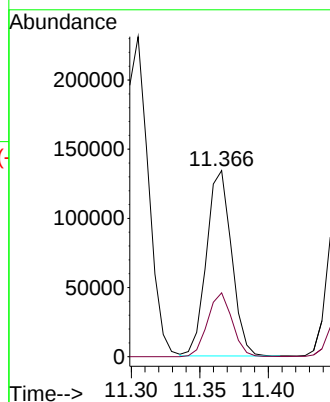
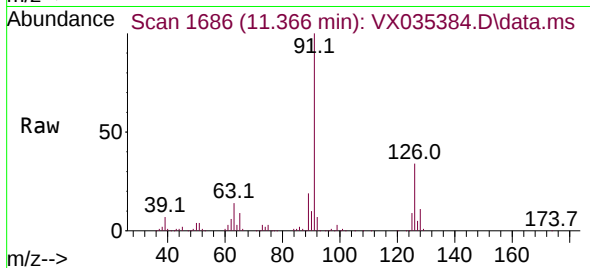
#79
2-Chlorotoluene
Concen: 18.810 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.001 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0428MBS01

Tgt Ion: 91 Resp: 17087
Ion Ratio Lower Upper
91 100
126 33.8 16.3 48.9

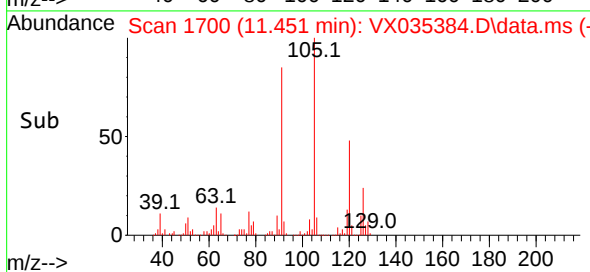
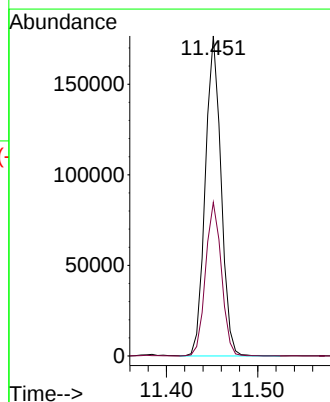
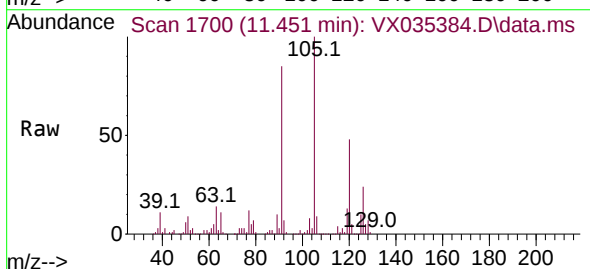
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.744 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

Tgt Ion:105 Resp: 210724
Ion Ratio Lower Upper
105 100
120 48.4 23.7 71.1





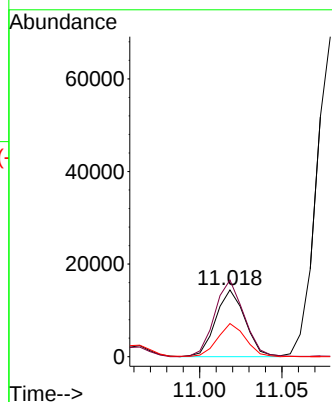
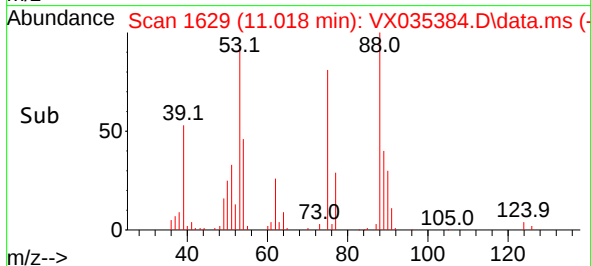
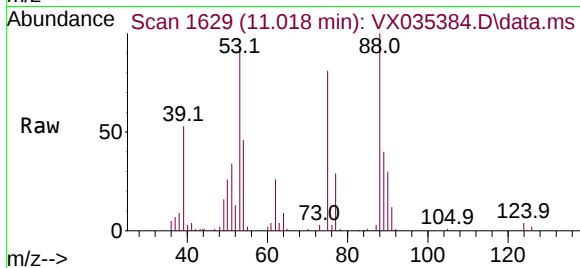
#81
trans-1,4-Dichloro-2-butene
Concen: 16.744 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0428MBS01

Tgt Ion: 75 Resp: 1785
Ion Ratio Lower Upper
75 100
53 115.0 82.6 124.0
89 47.2 36.9 55.3

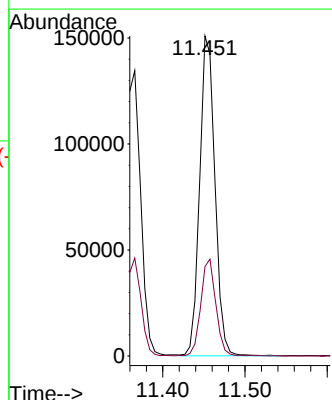
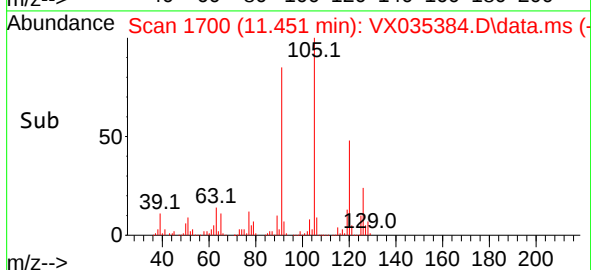
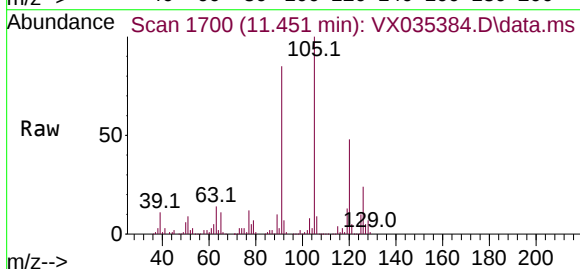
Manual Integrations
APPROVED

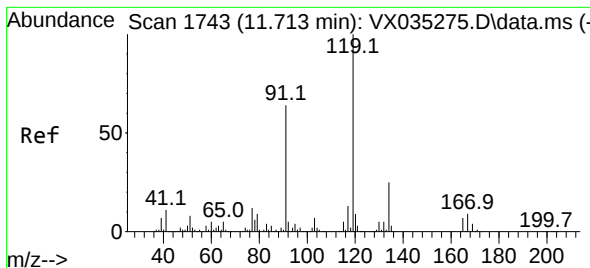
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#82
4-Chlorotoluene
Concen: 19.079 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

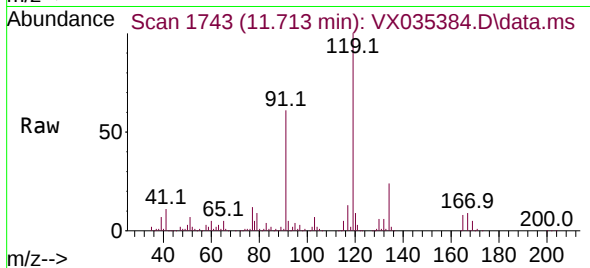
Tgt Ion: 91 Resp: 194664
Ion Ratio Lower Upper
91 100
126 29.9 14.2 42.6





#83
tert-Butylbenzene
Concen: 19.256 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

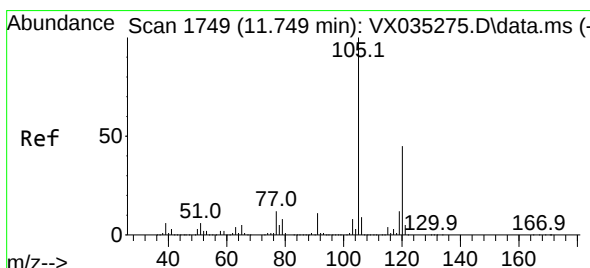
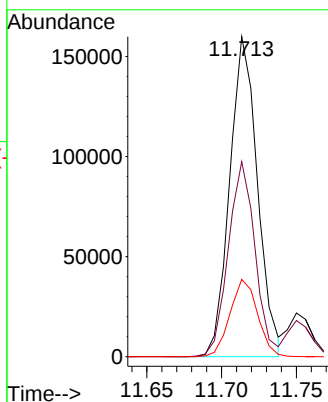
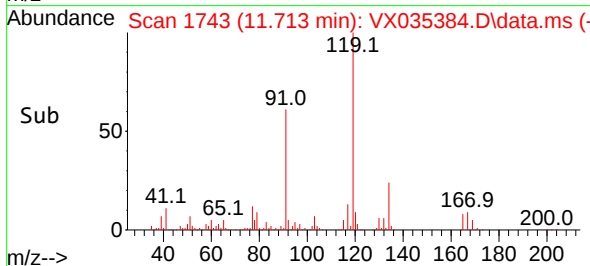
Instrument :
MSVOA_X
ClientSampleId :
VX0428MBS01



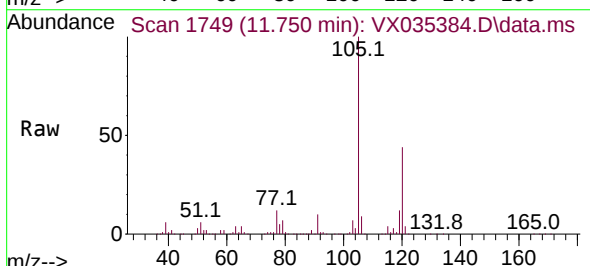
Tgt Ion:119 Resp: 20621
Ion Ratio Lower Upper
119 100
91 58.9 30.6 92.0
134 24.0 11.8 35.4

Manual Integrations
APPROVED

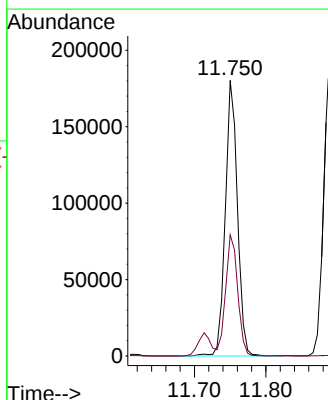
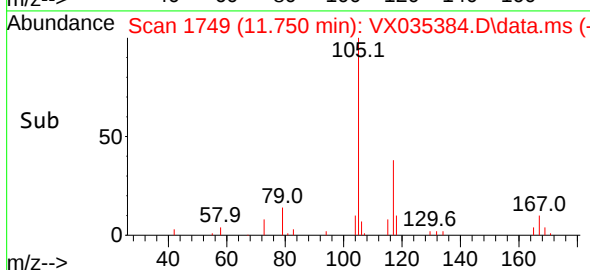
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023

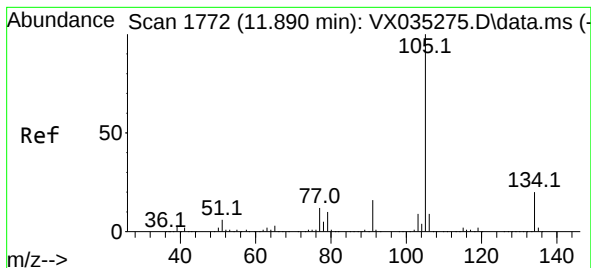


#84
1,2,4-Trimethylbenzene
Concen: 19.801 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.001 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34



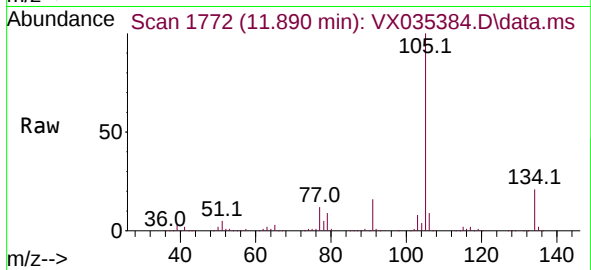
Tgt Ion:105 Resp: 212342
Ion Ratio Lower Upper
105 100
120 43.6 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 18.956 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035384.D
 Acq: 28 Apr 2023 12:34

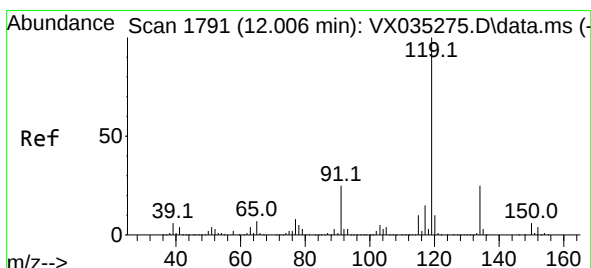
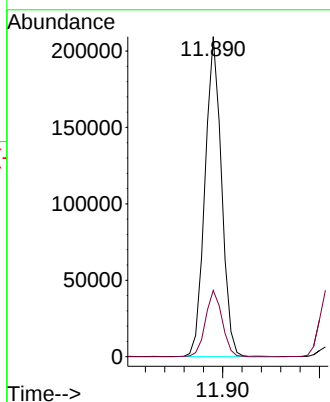
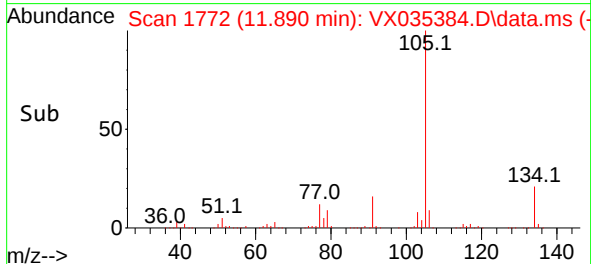
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428MBS01



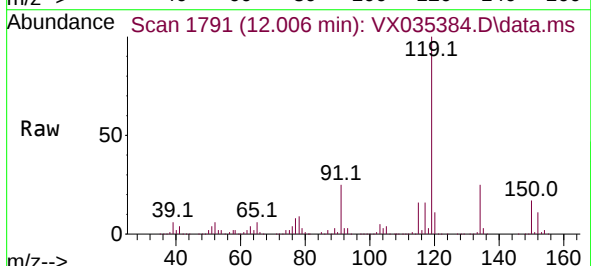
Tgt Ion:105 Resp: 248999
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.2 30.4

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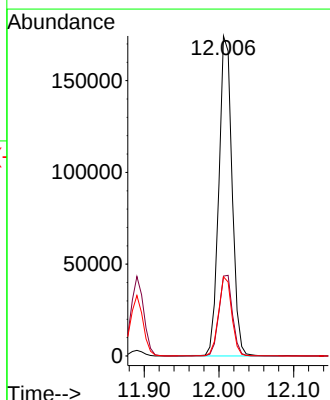
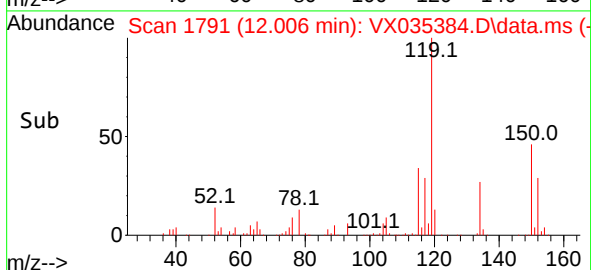
Reviewed By :John Carlone 04/28/2023
 Supervised By :Mahesh Dadoda 05/01/2023

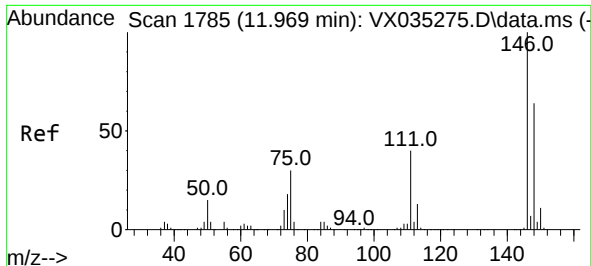


#86
 p-Isopropyltoluene
 Concen: 19.209 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX035384.D
 Acq: 28 Apr 2023 12:34



Tgt Ion:119 Resp: 214603
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.2 39.5
 91 24.7 12.9 38.7





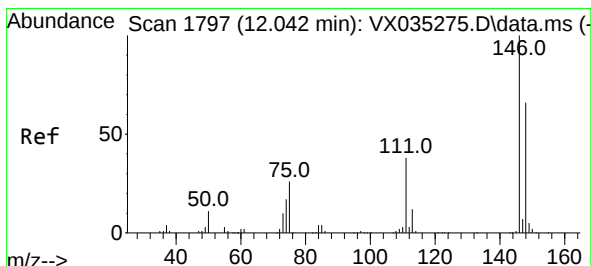
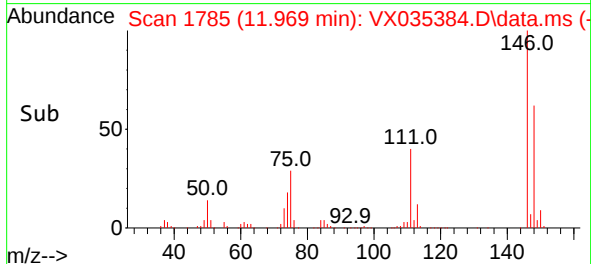
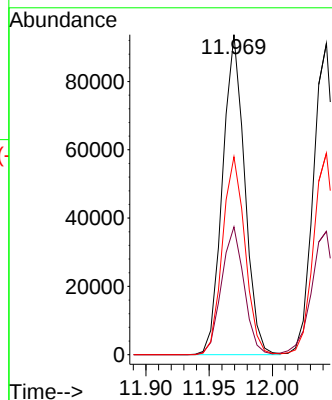
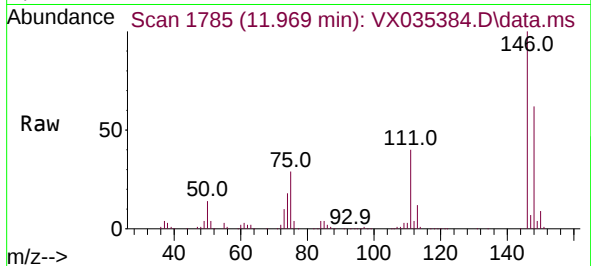
#87
1,3-Dichlorobenzene
Concen: 19.041 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0428MBS01

Tgt Ion:146 Resp: 113858
Ion Ratio Lower Upper
146 100
111 40.6 20.9 62.8
148 62.8 31.6 95.0

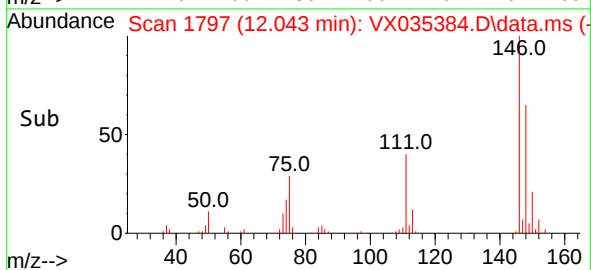
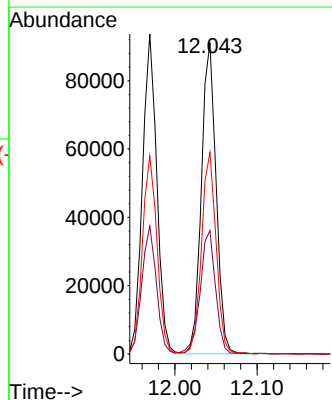
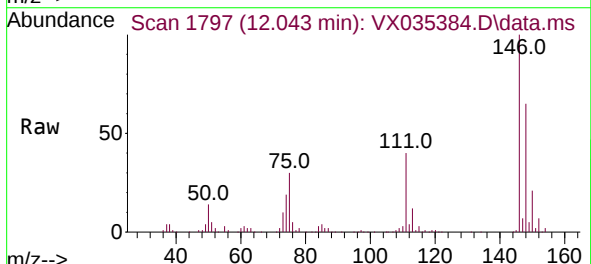
Manual Integrations
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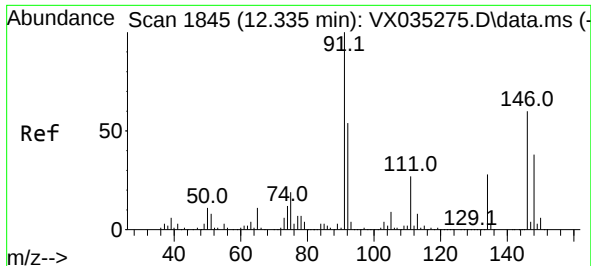
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#88
1,4-Dichlorobenzene
Concen: 18.027 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.001 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

Tgt Ion:146 Resp: 113019
Ion Ratio Lower Upper
146 100
111 41.4 20.6 61.9
148 64.6 31.8 95.4





#89

n-Butylbenzene

Concen: 18.553 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX035384.D

Acq: 28 Apr 2023 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0428MBS01

Tgt Ion: 91 Resp: 174970

Ion Ratio Lower Upper

91 100

92 54.7 27.7 83.0

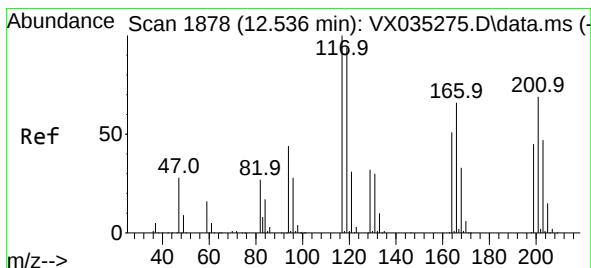
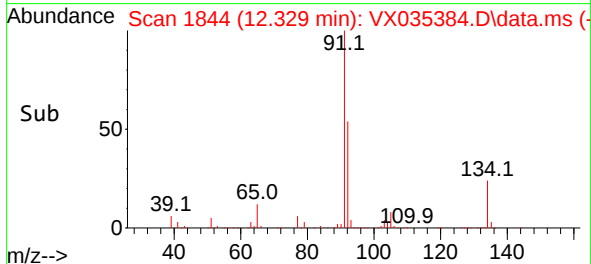
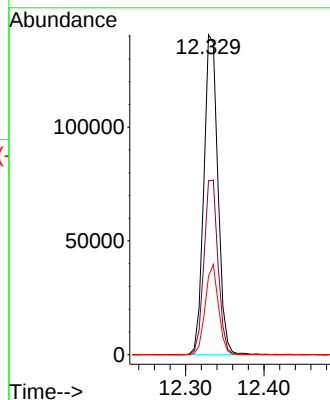
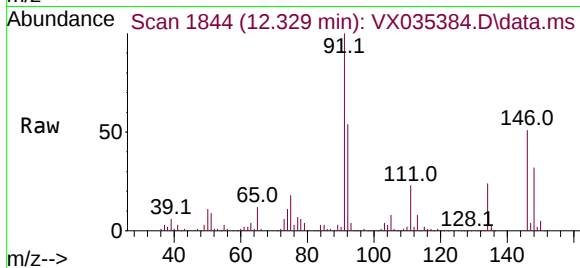
134 26.6 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 05/01/2023



#90

Hexachloroethane

Concen: 18.123 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035384.D

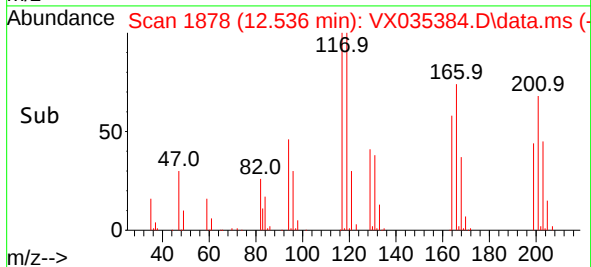
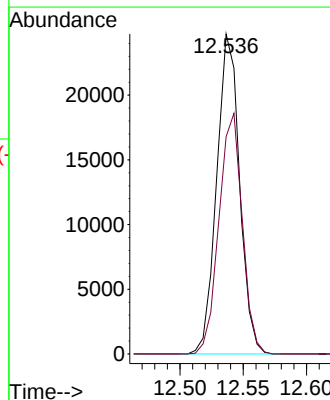
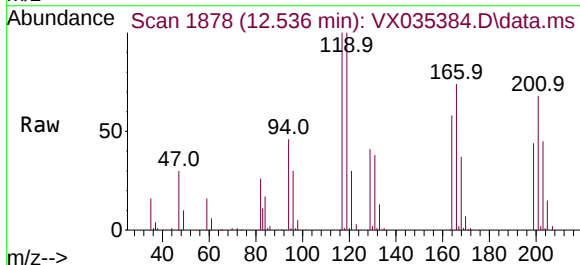
Acq: 28 Apr 2023 12:34

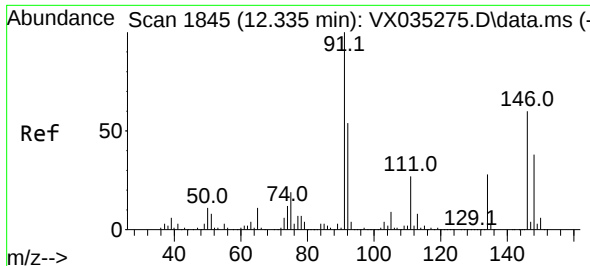
Tgt Ion:117 Resp: 30994

Ion Ratio Lower Upper

117 100

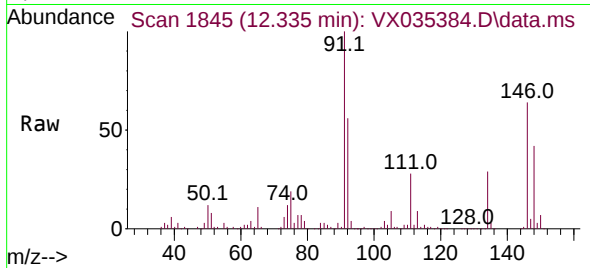
201 76.8 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 18.675 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

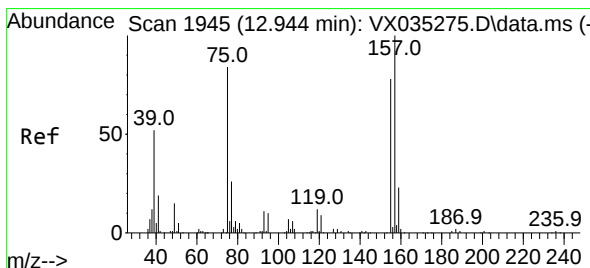
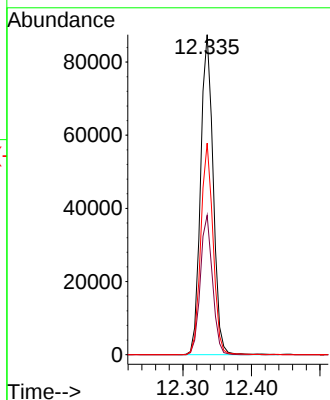
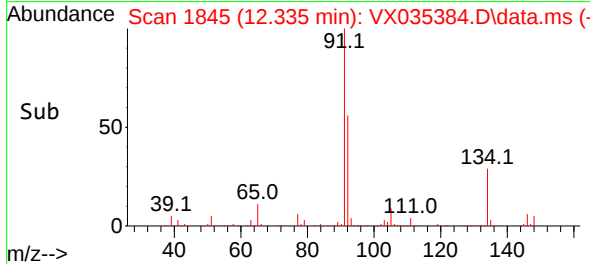
Instrument :
MSVOA_X
ClientSampleId :
VX0428MBS01



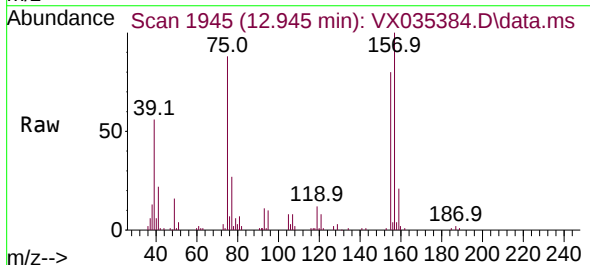
Tgt Ion:146 Resp: 111688
Ion Ratio Lower Upper
146 100
111 42.1 22.0 66.0
148 64.5 32.0 96.0

Manual Integrations
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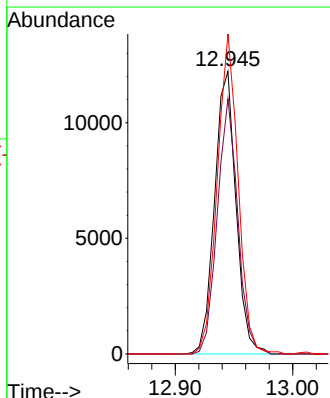
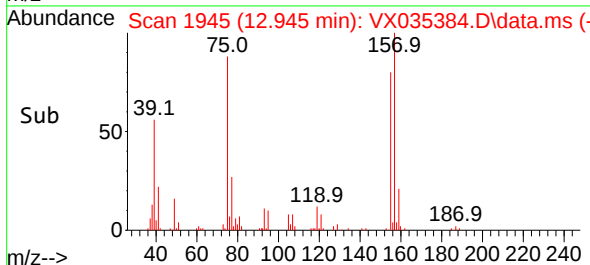
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023

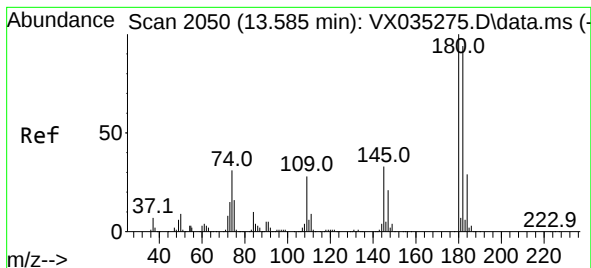


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.690 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34



Tgt Ion: 75 Resp: 15512
Ion Ratio Lower Upper
75 100
155 86.1 38.4 115.1
157 110.3 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 19.386 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX035384.D

Acq: 28 Apr 2023 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0428MBS01

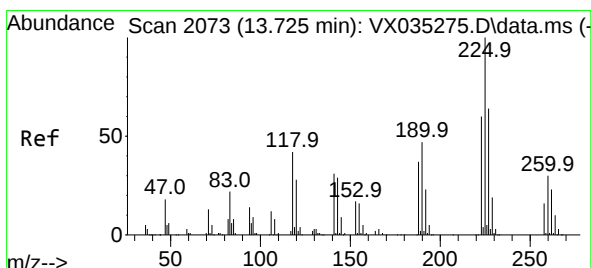
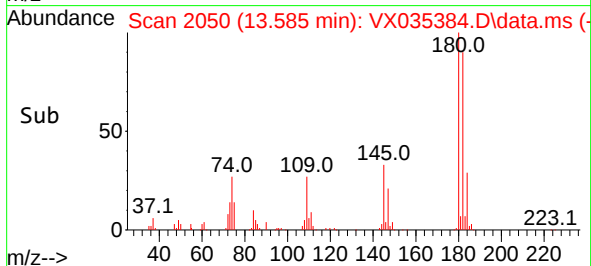
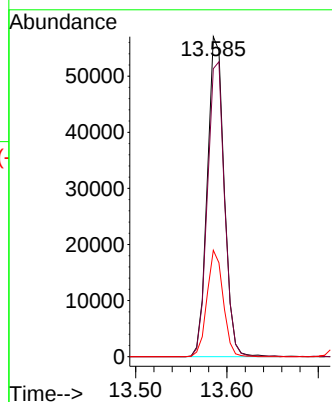
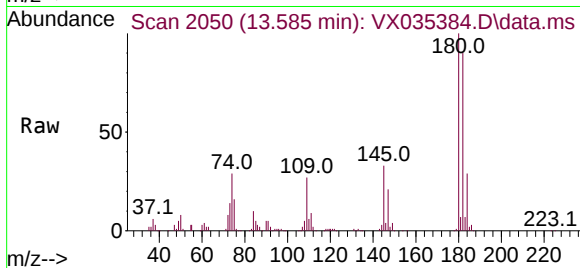
Tgt Ion:180	Resp:	72874
Ion Ratio	Lower	Upper
180	100	
182	93.9	47.0 141.0
145	31.9	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 05/01/2023



#94

Hexachlorobutadiene

Concen: 17.887 ug/l

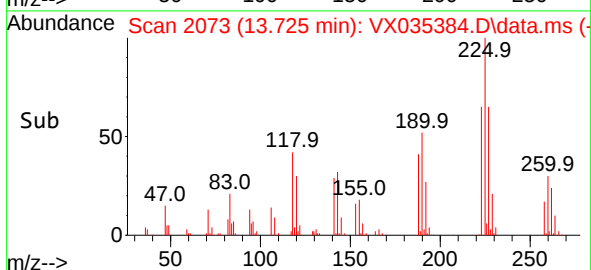
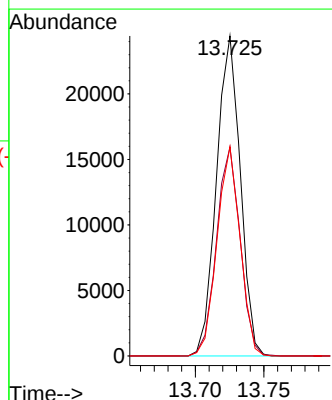
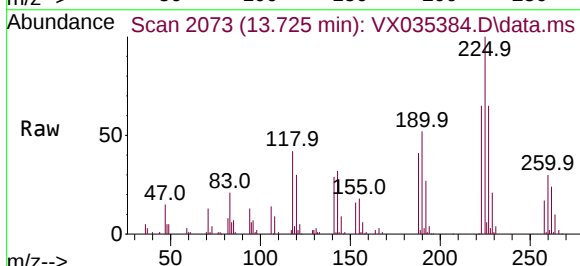
RT: 13.725 min Scan# 2073

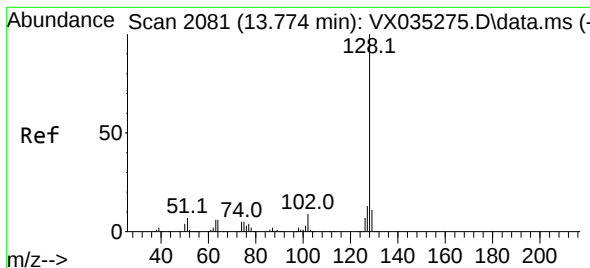
Delta R.T. 0.000 min

Lab File: VX035384.D

Acq: 28 Apr 2023 12:34

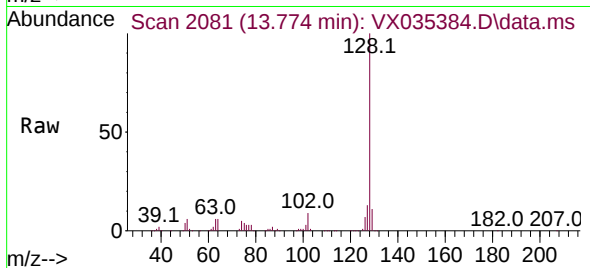
Tgt Ion:225	Resp:	29511
Ion Ratio	Lower	Upper
225	100	
223	64.8	32.1 96.5
227	63.2	31.8 95.4





#95
Naphthalene
Concen: 20.042 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34

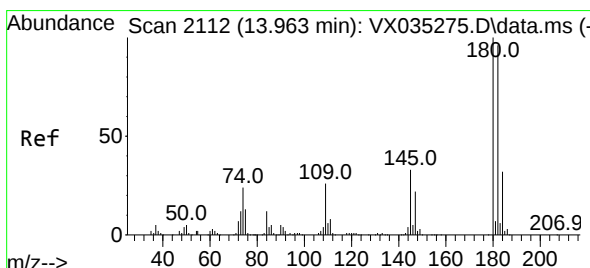
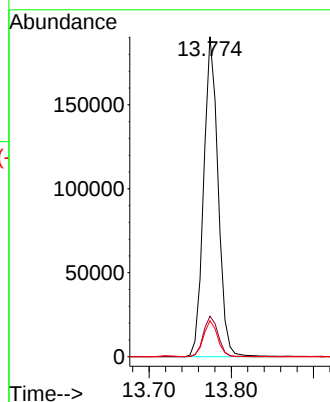
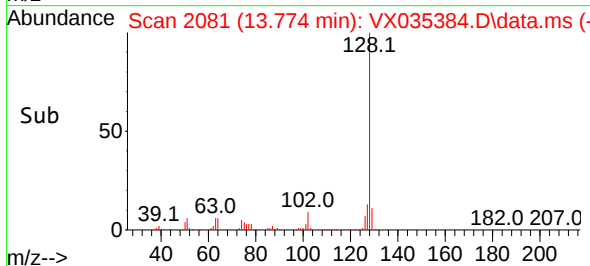
Instrument :
MSVOA_X
ClientSampleId :
VX0428MBS01



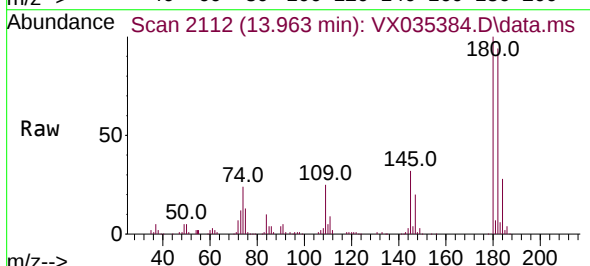
Tgt Ion:128 Resp: 23194
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.040 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX035384.D
Acq: 28 Apr 2023 12:34



Tgt Ion:180 Resp: 72051
Ion Ratio Lower Upper
180 100
182 94.2 48.0 144.2
145 33.6 17.7 53.1

