

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
 Data File : VX033453.D
 Acq On : 16 Dec 2022 11:53
 Operator : JC/MD
 Sample : VX1216WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/19/2022
 Supervised By : Mahesh Dadoda 12/19/2022

Quant Time: Dec 17 07:45:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Dec 12 12:37:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	12153	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	84333	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	94650	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	33051	30.966	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.233%			
60) 4-Bromofluorobenzene	11.079	95	54594	31.143	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 103.800%			
63) Toluene-d8	8.647	98	93308	29.635	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	18687	21.054	ug/l	95
3) Chloromethane	1.294	50	18809	21.000	ug/l	96
4) Vinyl Chloride	1.374	62	20818	19.372	ug/l	99
5) Bromomethane	1.618	94	12489	15.892	ug/l	95
6) Chloroethane	1.691	64	13896	17.490	ug/l	100
7) Trichlorofluoromethane	1.892	101	31812	14.521	ug/l	98
8) Diethyl Ether	2.136	74	11215	16.391	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	24049	21.620	ug/l	97
10) 1,1-Dichloroethene	2.319	96	22184	21.182	ug/l	96
11) Methyl Iodide	2.453	142	25204	21.189	ug/l	98
12) Methyl Acetate	2.703	43	33665	22.794	ug/l	98
13) Acrolein	2.239	56	27778	118.888	ug/l	98
14) Acrylonitrile	3.068	53	59146	110.176	ug/l	97
15) Acetone	2.392	58	19282	104.494	ug/l	99
16) Carbon Disulfide	2.514	76	52645	18.658	ug/l	98
17) Allyl chloride	2.666	41	34562	20.105	ug/l	99
18) Methylene Chloride	2.794	84	24629	20.262	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	25025	20.511	ug/l	98
20) Diisopropyl ether	3.757	45	75986	21.005	ug/l	97
21) 1,1-Dichloroethane	3.611	63	44163	20.697	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	28920	20.420	ug/l	99
23) tert-Butyl Alcohol	3.001	59	22869	99.829	ug/l #	1
24) Methyl tert-Butyl Ether	3.111	73	78726	20.774	ug/l	98
25) Chloroform	5.093	83	50326	20.726	ug/l	94
26) Cyclohexane	5.471	56	37246	19.957	ug/l #	99
29) 1,1-Dichloropropene	5.690	75	35547	20.855	ug/l	100
30) 2-Butanone	4.562	43	85399	107.182	ug/l	99
31) 2,2-Dichloropropane	4.471	77	33684	18.805	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	44572	20.258	ug/l	99
33) Carbon Tetrachloride	5.678	117	39126	19.447	ug/l	96
34) Benzene	6.037	78	100968	20.671	ug/l	99
35) Methacrylonitrile	4.922	41	17811	21.813	ug/l	98
36) 1,2-Dichloroethane	6.086	62	40609	21.629	ug/l	99
37) Trichloroethene	7.123	130	28903	20.839	ug/l	98
38) Methylcyclohexane	7.379	83	40787	20.308	ug/l	99
39) 1,2-Dichloropropane	7.427	63	25786	21.172	ug/l	97
40) Dibromomethane	7.580	93	19586	21.017	ug/l	99
41) Bromodichloromethane	7.818	83	38171	19.988	ug/l	97
42) Vinyl Acetate	3.721	43	296272	107.403	ug/l	100

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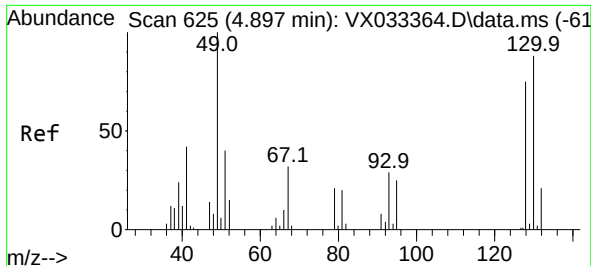
Manual Integrations
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 Supervised By : Mahesh Dadoda 12/19/2022

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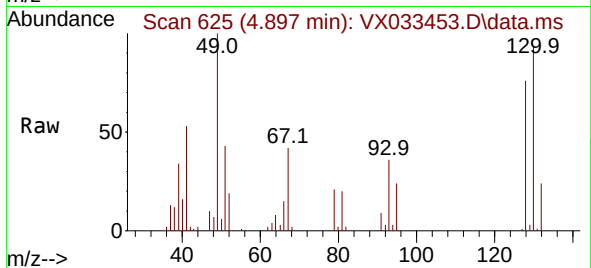
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	33312	23.253	ug/l	99
44) Isopropyl Acetate	6.336	43	50442	20.741	ug/l	99
45) 1,4-Dioxane	7.696	88	13242m	464.878	ug/l	
46) Methyl methacrylate	7.690	41	26740	22.073	ug/l	96
47) n-amyl Acetate	10.841	43	44526	21.816	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	37116	19.377	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	41423	20.148	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	28263	21.931	ug/l	99
51) Ethyl methacrylate	9.116	69	39686	21.552	ug/l	97
52) 1,3-Dichloropropane	9.305	76	45495	21.619	ug/l	98
53) Dibromochloromethane	9.519	129	30710	19.829	ug/l	97
54) 1,2-Dibromoethane	9.610	107	30298	21.478	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	87244	100.913	ug/l	99
56) Bromoform	10.799	173	21899	19.589	ug/l	97
58) 4-Methyl-2-Pentanone	8.574	43	169799	110.938	ug/l	100
59) 2-Hexanone	9.427	43	130352	111.374	ug/l	99
61) Tetrachloroethene	9.275	164	25696	20.274	ug/l	97
62) Toluene	8.720	91	117422	20.438	ug/l	100
64) Chlorobenzene	10.079	112	75905	20.885	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.159	131	28360	19.760	ug/l	96
66) Ethyl Benzene	10.195	91	133949	20.691	ug/l	98
67) m/p-Xylenes	10.299	106	105923	41.859	ug/l	97
68) o-Xylene	10.640	106	50441	20.458	ug/l	99
69) Styrene	10.653	104	85127	20.783	ug/l	99
70) Isopropylbenzene	10.963	105	137940	21.084	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	43249	22.352	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	38470m	22.326	ug/l	
73) Bromobenzene	11.201	156	34570	21.356	ug/l	98
74) n-propylbenzene	11.305	91	160636	21.426	ug/l	100
75) 2-Chlorotoluene	11.366	91	97549	21.645	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	120901	21.980	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	10688	18.655	ug/l	96
78) 4-Chlorotoluene	11.457	91	112202	21.726	ug/l	98
79) tert-butylbenzene	11.713	119	114670	21.030	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	117235	21.683	ug/l	98
81) sec-Butylbenzene	11.890	105	142647	21.768	ug/l	100
82) p-Isopropyltoluene	12.012	119	119541	21.390	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	65015	21.821	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	64939	21.654	ug/l	99
85) n-Butylbenzene	12.335	91	100341	21.510	ug/l	98
86) Hexachloroethane	12.536	117	19268	19.425	ug/l	92
87) 1,2-Dichlorobenzene	12.335	146	64633	22.015	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	8632	20.476	ug/l	95
89) 1,2,4-Trichlorobenzene	13.591	180	38409	21.179	ug/l	98
90) Hexachlorobutadiene	13.725	225	17168	22.310	ug/l	99
91) Naphthalene	13.774	128	128331	21.864	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	40245	22.159	ug/l	97

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

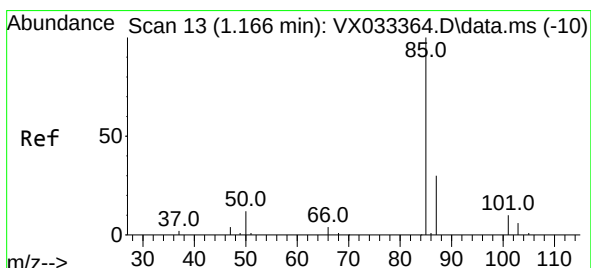
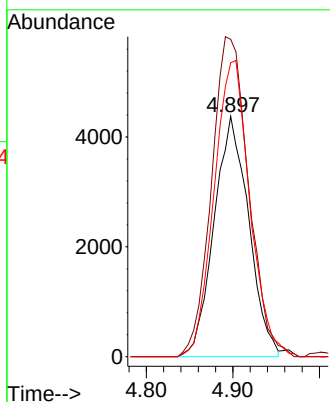
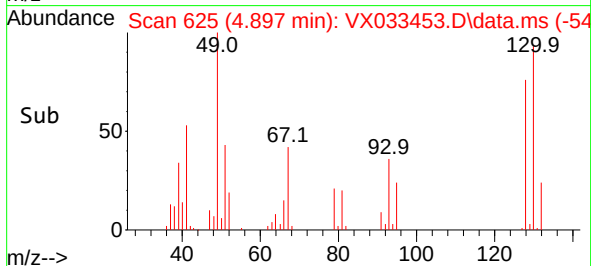
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01



Tgt Ion:128 Resp: 1215
Ion Ratio Lower Upper
128 100
49 142.4 0.0 339.5
130 127.4 0.0 318.0

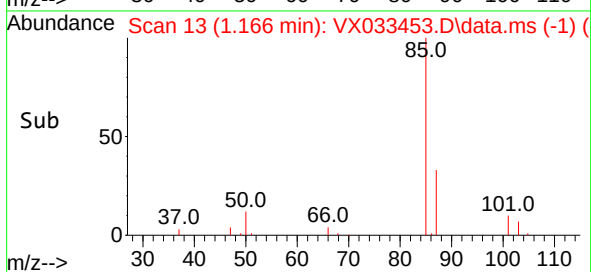
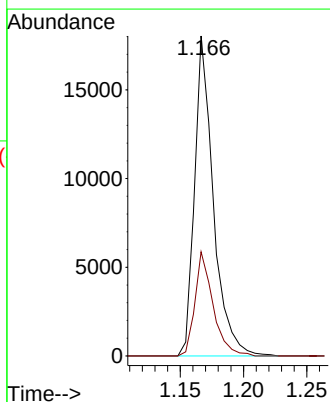
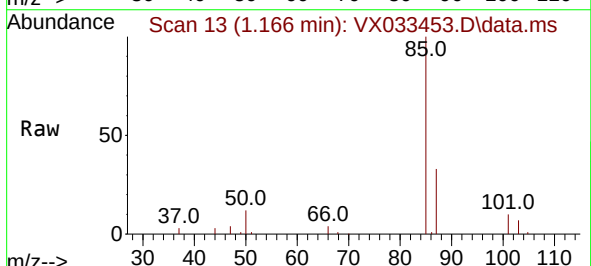
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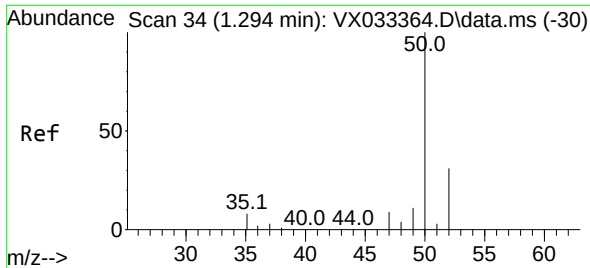
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#2
Dichlorodifluoromethane
Concen: 21.054 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

Tgt Ion: 85 Resp: 18687
Ion Ratio Lower Upper
85 100
87 32.6 14.9 44.7





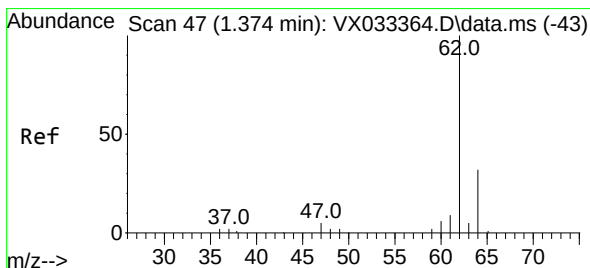
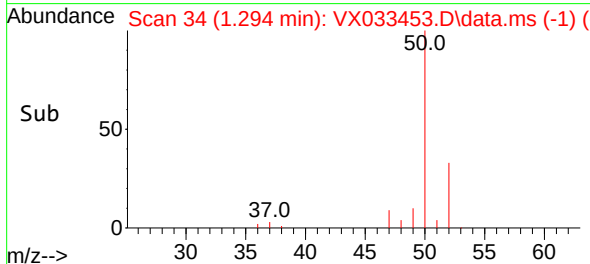
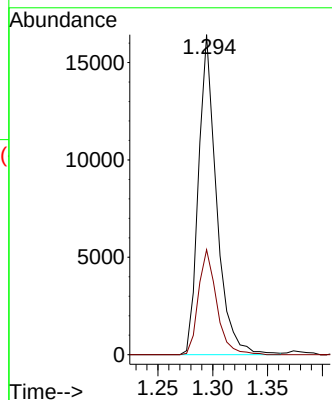
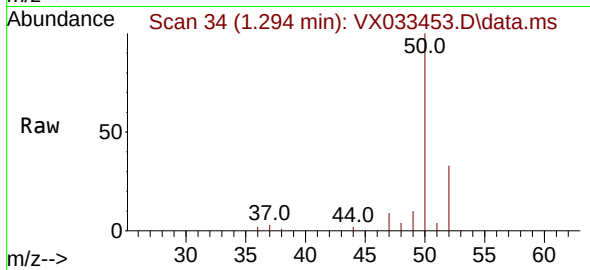
#3
Chloromethane
Concen: 21.000 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tgt Ion: 50 Resp: 18809
Ion Ratio Lower Upper
50 100
52 32.8 24.6 36.8

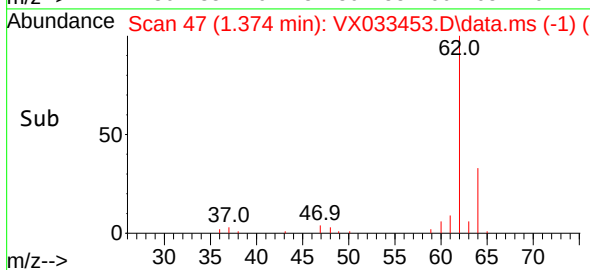
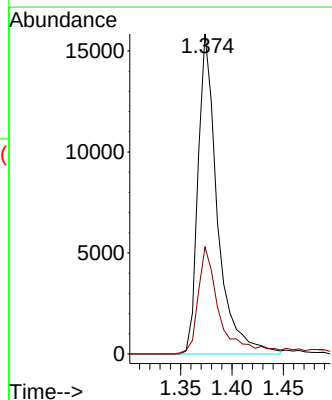
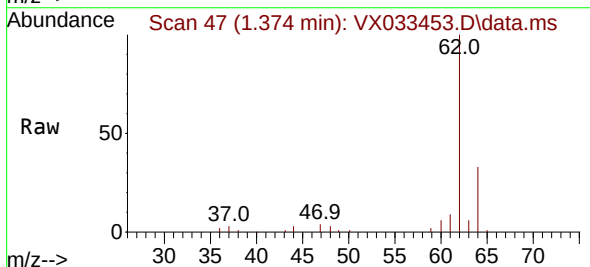
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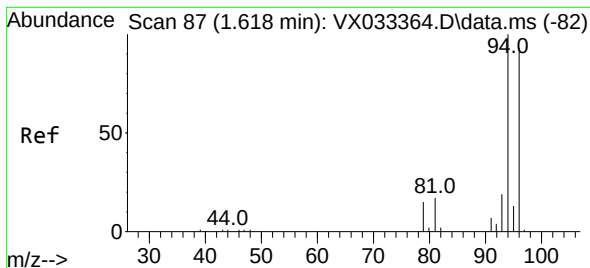
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#4
Vinyl Chloride
Concen: 19.372 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

Tgt Ion: 62 Resp: 20818
Ion Ratio Lower Upper
62 100
64 33.1 25.9 38.9





#5

Bromomethane

Concen: 15.892 ug/l

RT: 1.618 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX033453.D

Acq: 16 Dec 2022 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

Tgt Ion: 94 Resp: 12489

Ion Ratio Lower Upper

94 100

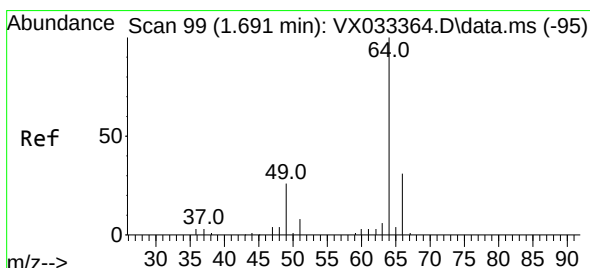
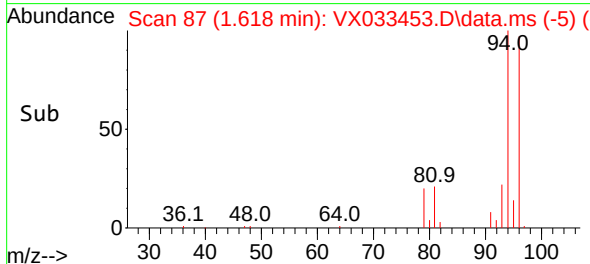
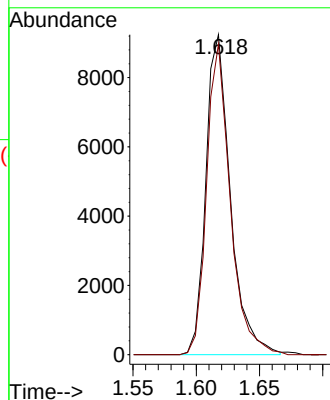
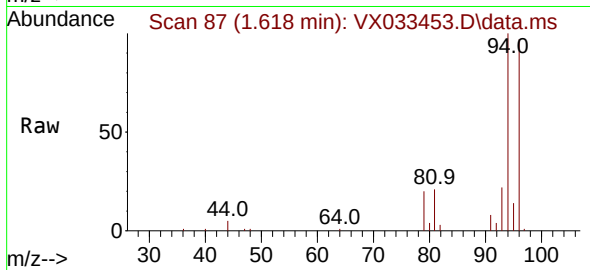
96 97.1 74.2 111.2

Manual Integrations

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Supervised By :Mahesh Dadoda 12/19/2022



#6

Chloroethane

Concen: 17.490 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX033453.D

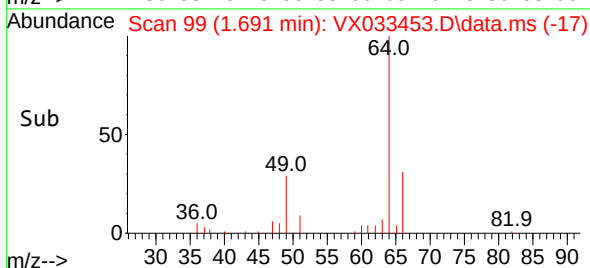
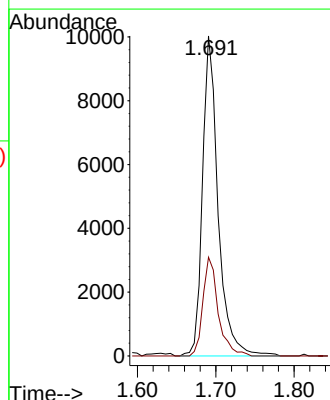
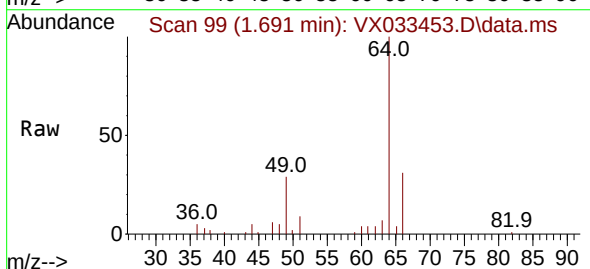
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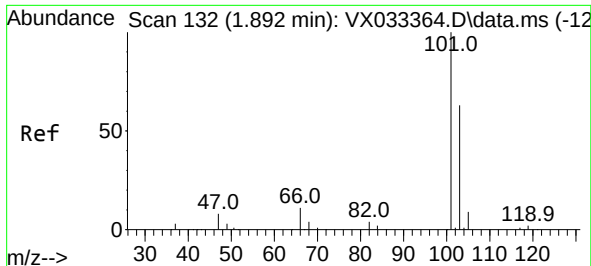
Tgt Ion: 64 Resp: 13896

Ion Ratio Lower Upper

64 100

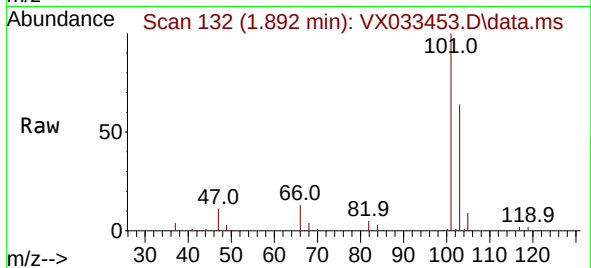
66 30.9 24.8 37.2





#7
Trichlorofluoromethane
Concen: 14.521 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

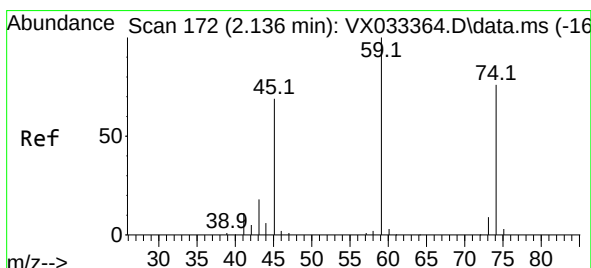
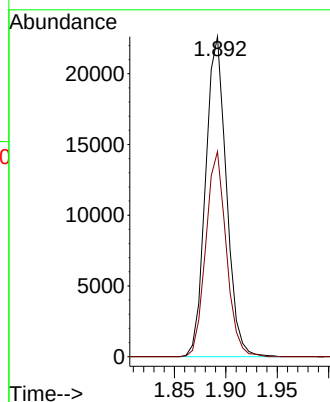
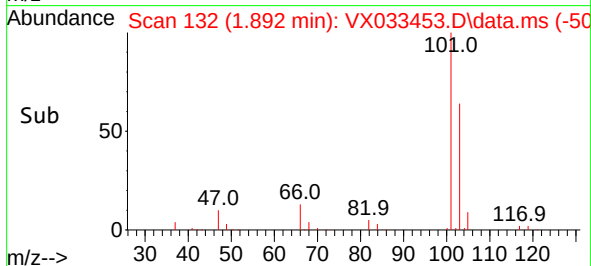
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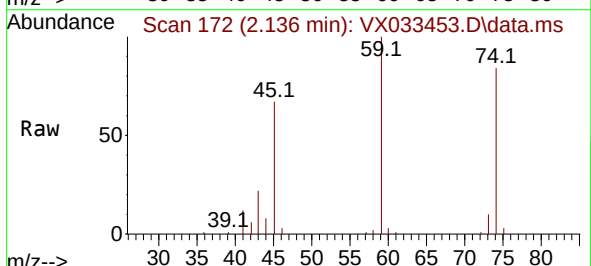
Tgt Ion:101 Resp: 3181
Ion Ratio Lower Upper
101 100
103 64.1 50.3 75.5

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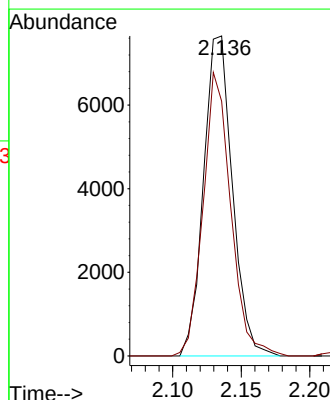
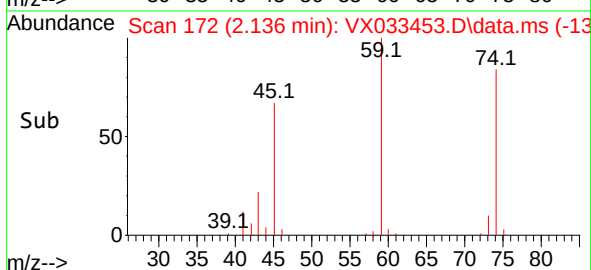
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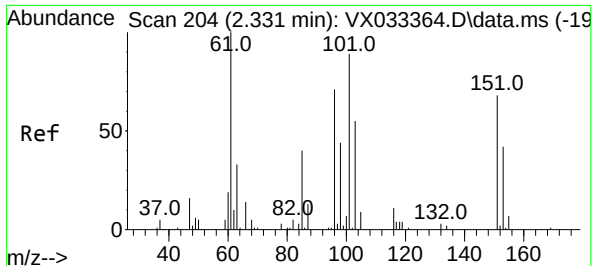


#8
Diethyl Ether
Concen: 16.391 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53



Tgt Ion: 74 Resp: 11215
Ion Ratio Lower Upper
74 100
45 85.1 18.0 161.8





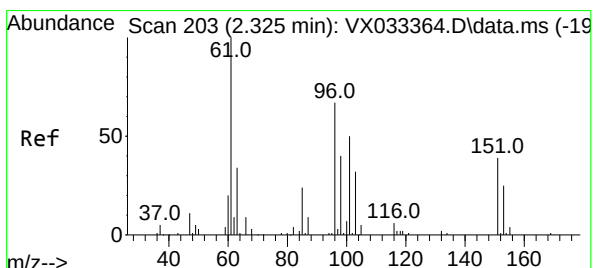
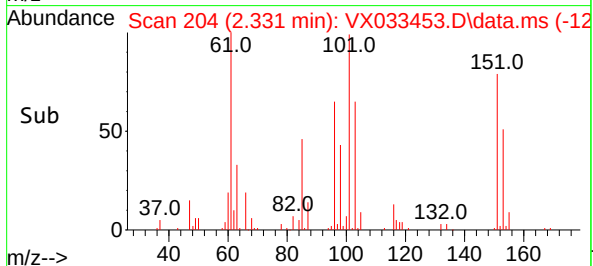
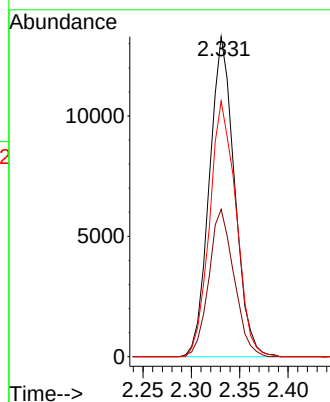
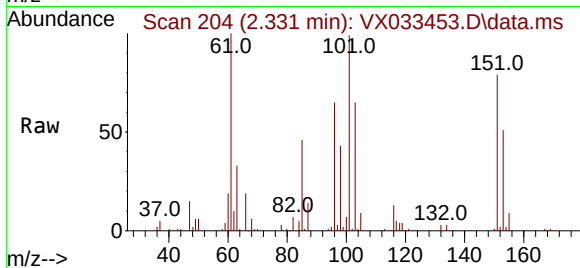
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.620 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tgt Ion:101 Resp: 24049
Ion Ratio Lower Upper
101 100
85 46.0 0.0 88.8
151 83.6 0.0 162.2

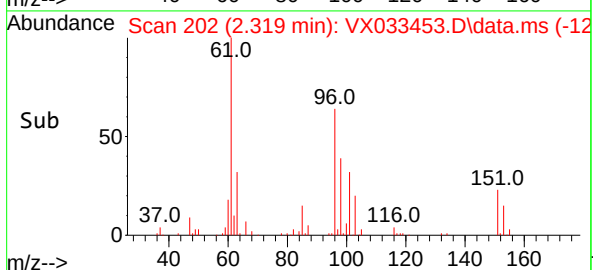
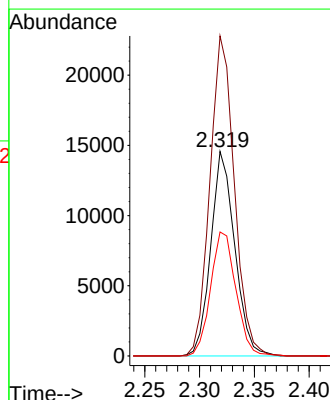
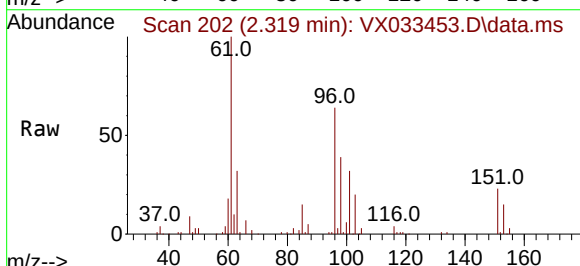
Manual Integrations
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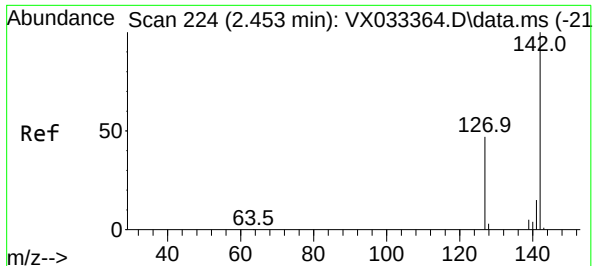
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Supervised By :Mahesh Dadoda 12/19/2022



#10
1,1-Dichloroethene
Concen: 21.182 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

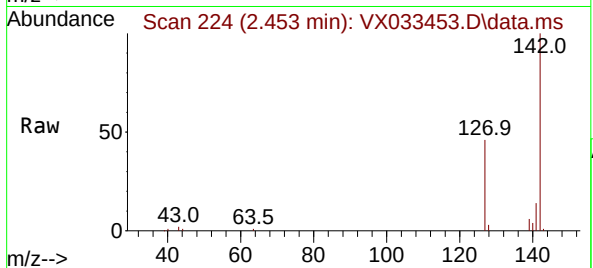
Tgt Ion: 96 Resp: 22184
Ion Ratio Lower Upper
96 100
61 156.5 120.5 180.7
98 60.7 47.8 71.6





#11
Methyl Iodide
Concen: 21.189 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

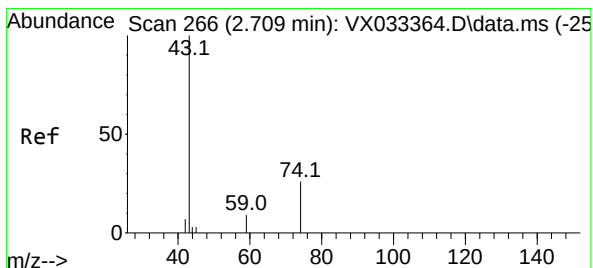
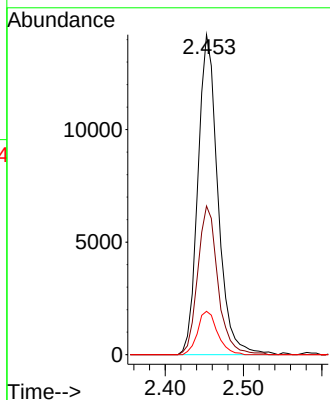
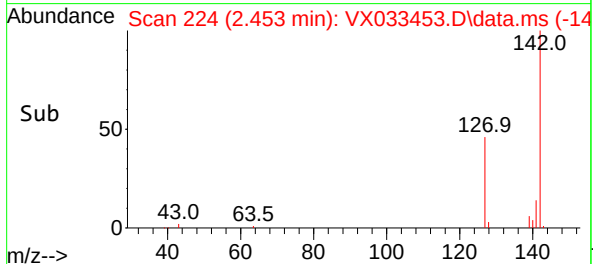
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01



Tgt Ion:142 Resp: 25204
Ion Ratio Lower Upper
142 100
127 46.4 23.4 70.3
141 13.6 7.8 23.3

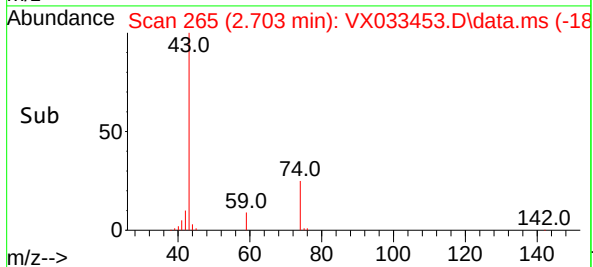
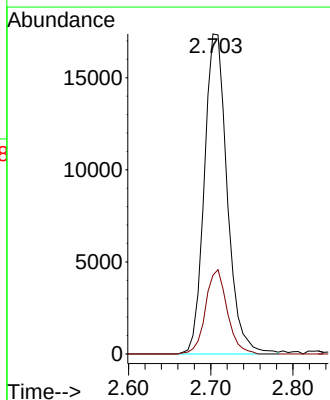
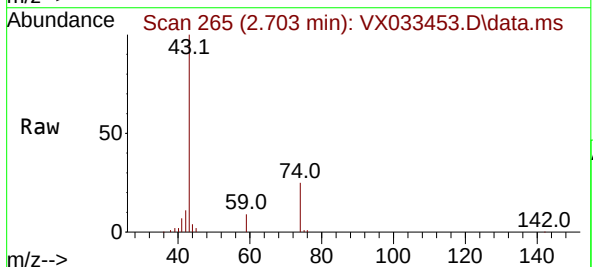
Manual Integrations
APPROVED

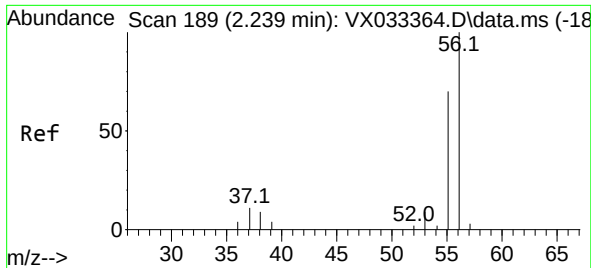
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#12
Methyl Acetate
Concen: 22.794 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

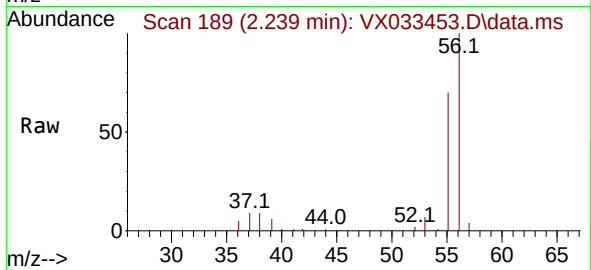
Tgt Ion: 43 Resp: 33665
Ion Ratio Lower Upper
43 100
74 24.7 20.6 31.0





#13
Acrolein
Concen: 118.888 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

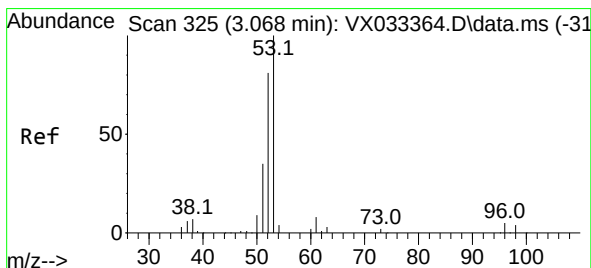
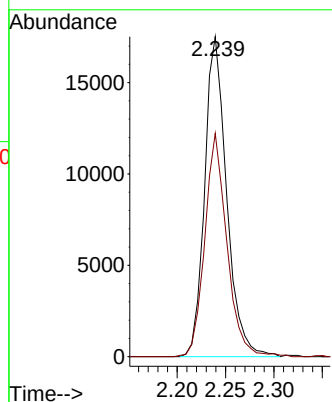
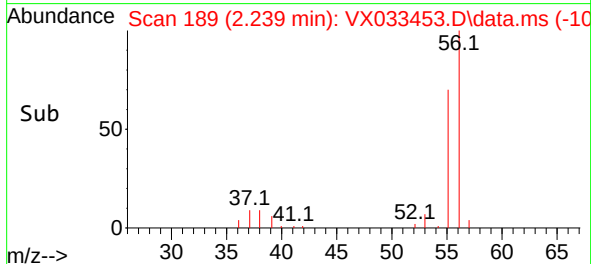
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01



Tgt Ion: 56 Resp: 27778
Ion Ratio Lower Upper
56 100
55 70.2 57.2 85.8

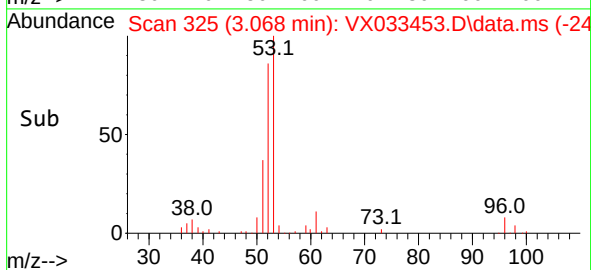
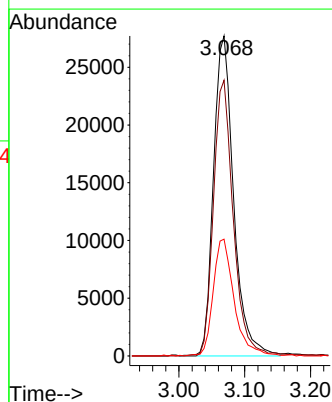
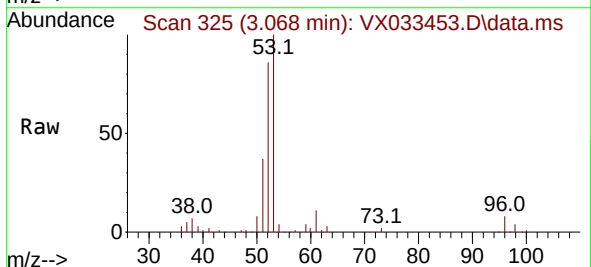
Manual Integrations
APPROVED

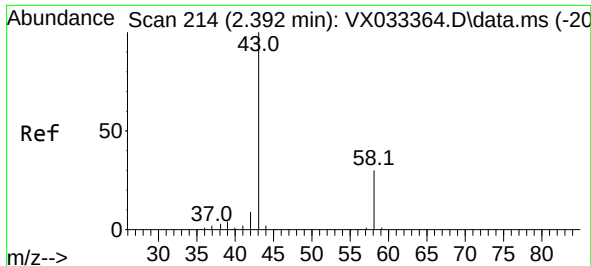
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#14
Acrylonitrile
Concen: 110.176 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

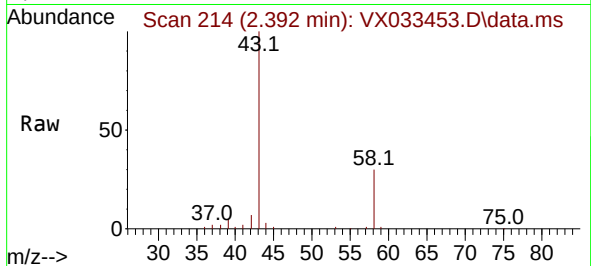
Tgt Ion: 53 Resp: 59146
Ion Ratio Lower Upper
53 100
52 84.0 40.3 120.8
51 37.3 18.4 55.4





#15
Acetone
Concen: 104.494 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

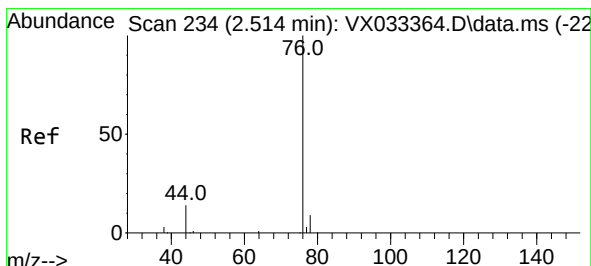
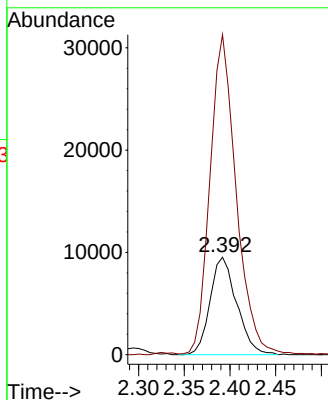
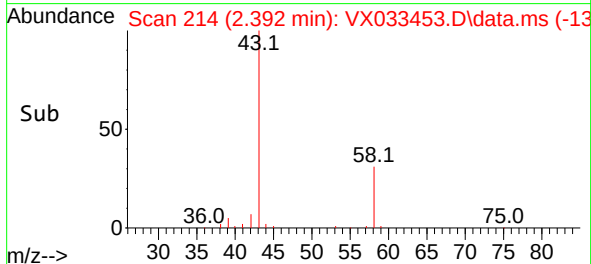
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01



Tgt Ion: 58 Resp: 1928
Ion Ratio Lower Upper
58 100
43 327.5 262.9 394.3

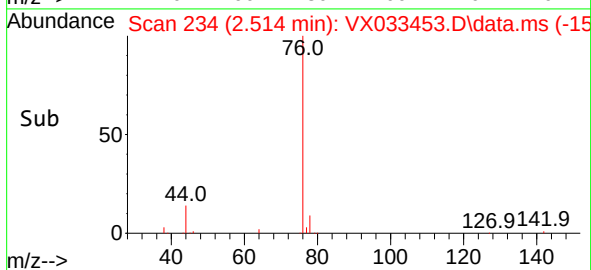
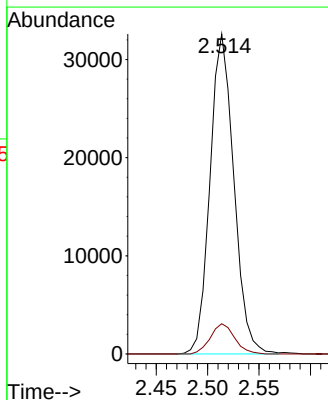
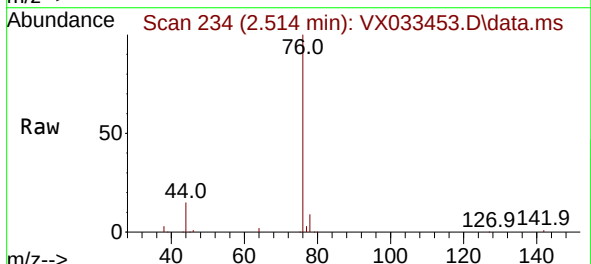
Manual Integrations
APPROVED

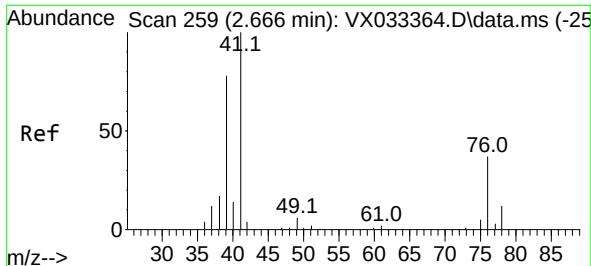
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#16
Carbon Disulfide
Concen: 18.658 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

Tgt Ion: 76 Resp: 52645
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.4





#17

Allyl chloride

Concen: 20.105 ug/l

RT: 2.666 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX033453.D

Acq: 16 Dec 2022 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

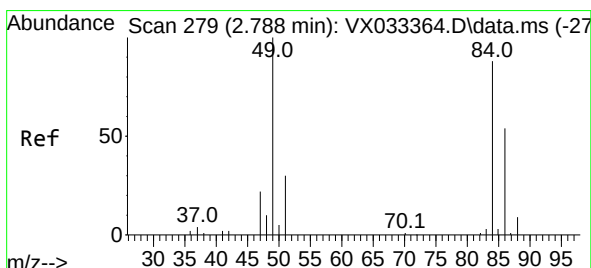
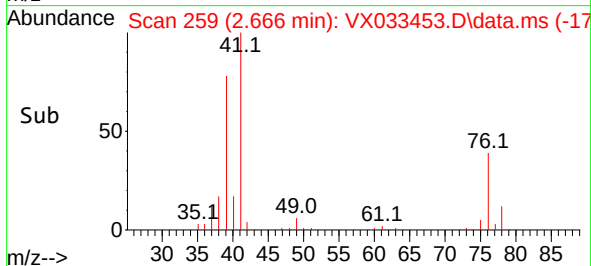
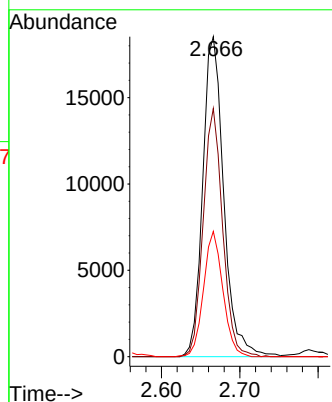
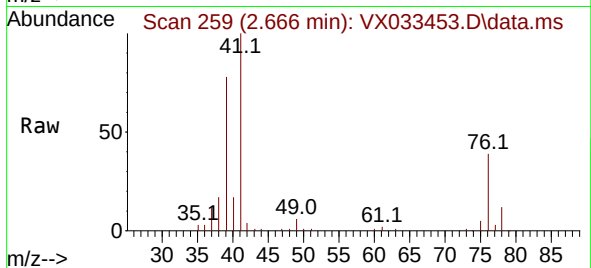
Tgt Ion:	41	Resp:	3456
Ion Ratio	Lower	Upper	
41	100		
39	77.6	39.1	117.2
76	39.2	18.6	55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#18

Methylene Chloride

Concen: 20.262 ug/l

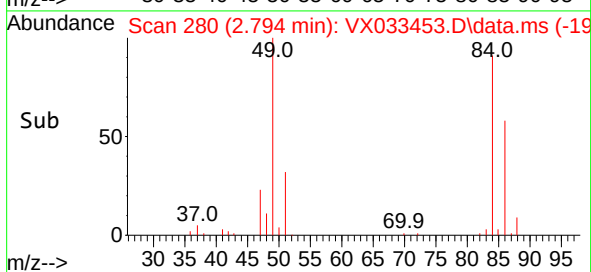
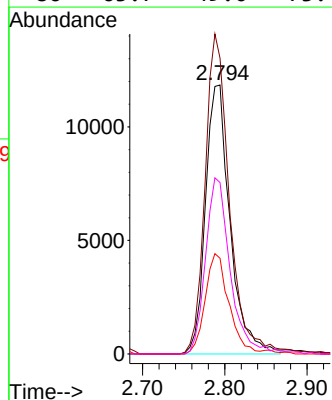
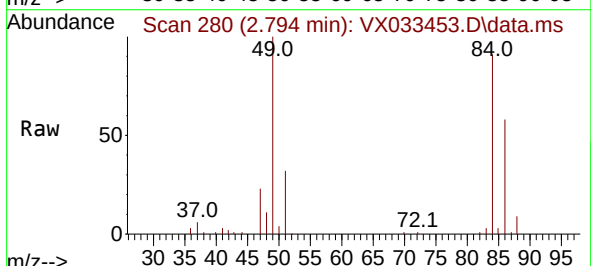
RT: 2.794 min Scan# 280

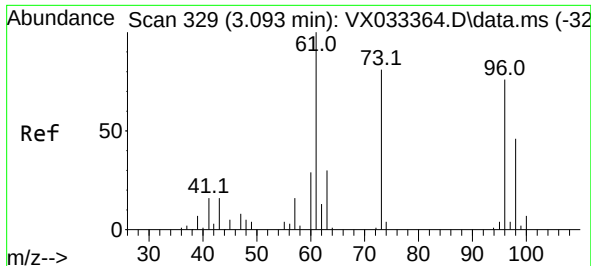
Delta R.T. 0.006 min

Lab File: VX033453.D

Acq: 16 Dec 2022 11:53

Tgt Ion:	84	Resp:	24629
Ion Ratio	Lower	Upper	
84	100		
49	109.9	91.2	136.8
51	35.5	27.3	40.9
86	63.7	49.0	73.4





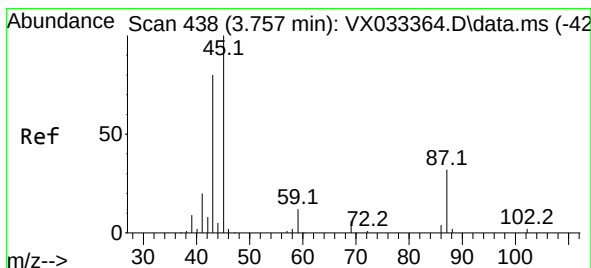
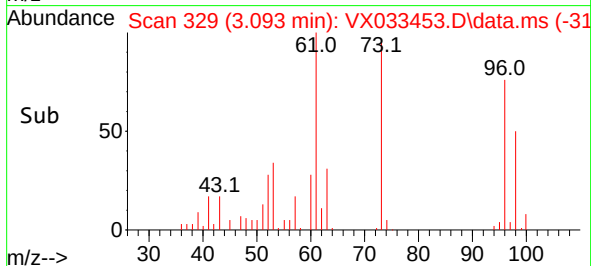
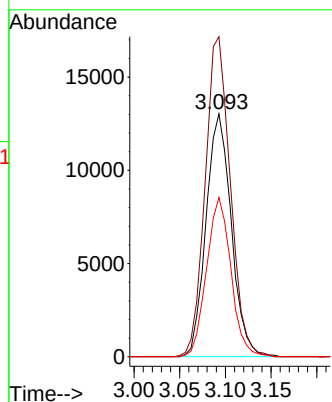
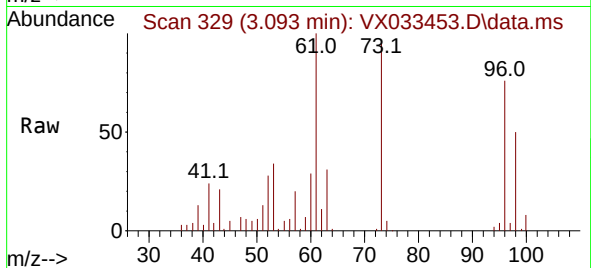
#19
trans-1,2-Dichloroethene
Concen: 20.511 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tgt Ion: 96 Resp: 2502
Ion Ratio Lower Upper
96 100
61 131.8 105.8 158.8
98 65.6 49.1 73.7

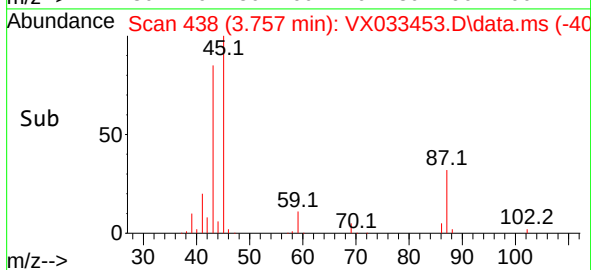
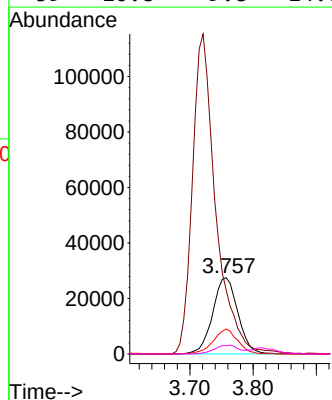
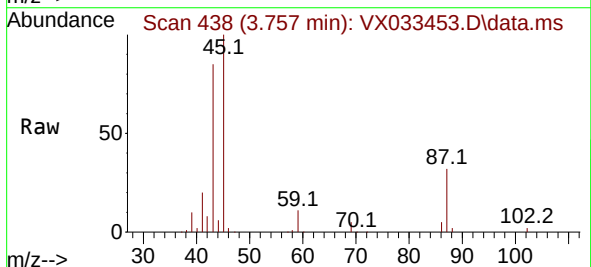
Manual Integrations
APPROVED

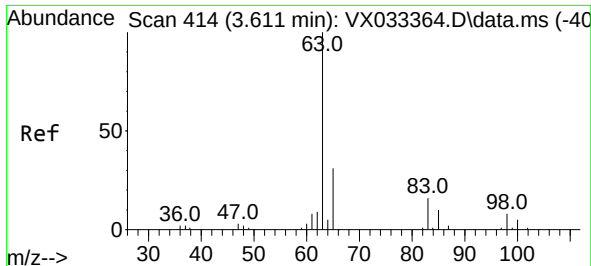
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#20
Diisopropyl ether
Concen: 21.005 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

Tgt Ion: 45 Resp: 75986
Ion Ratio Lower Upper
45 100
43 82.3 68.2 102.2
87 32.5 25.5 38.3
59 10.8 9.8 14.6





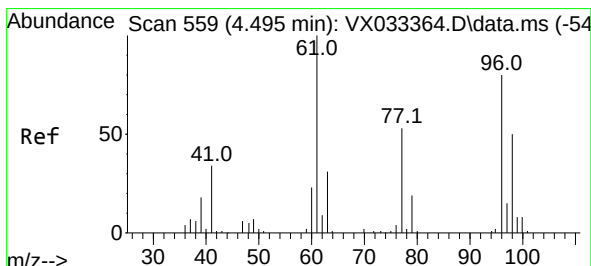
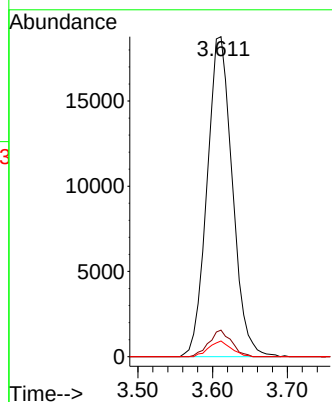
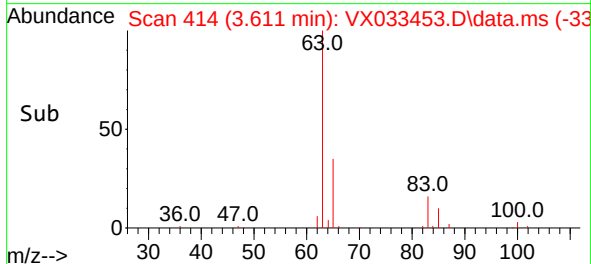
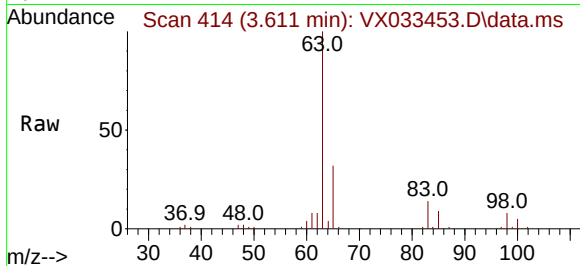
#21
1,1-Dichloroethane
Concen: 20.697 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tgt Ion: 63 Resp: 4416
Ion Ratio Lower Upper
63 100
98 8.3 4.0 11.9
100 4.9 2.8 8.3

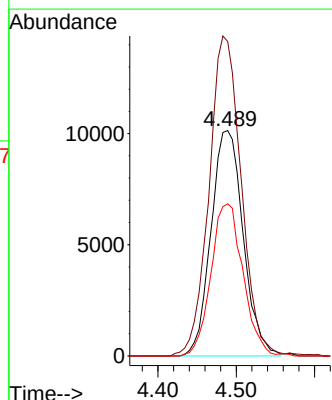
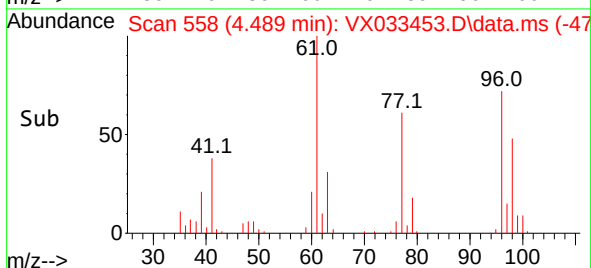
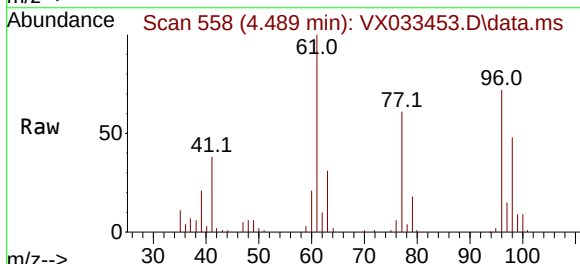
Manual Integrations
APPROVED

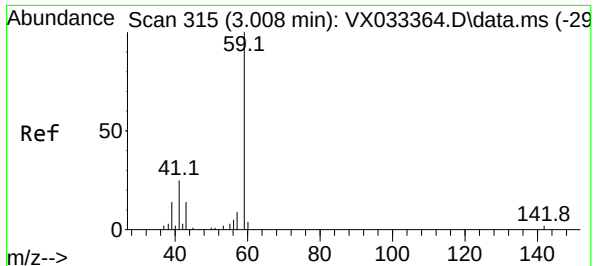
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#22
cis-1,2-Dichloroethene
Concen: 20.420 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

Tgt Ion: 96 Resp: 28920
Ion Ratio Lower Upper
96 100
61 141.7 113.5 170.3
98 66.9 51.9 77.9





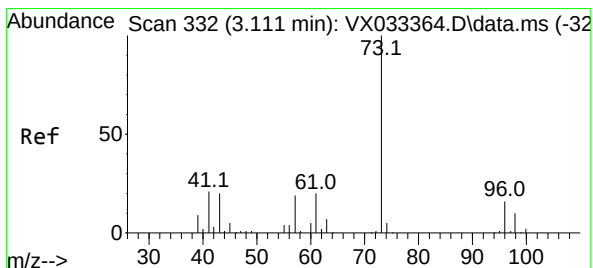
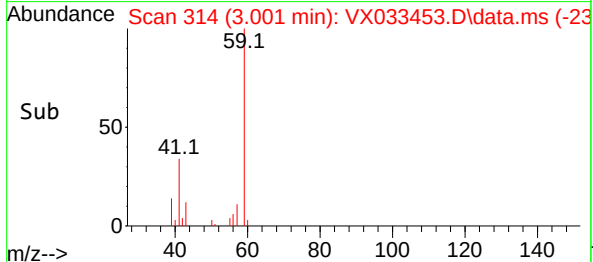
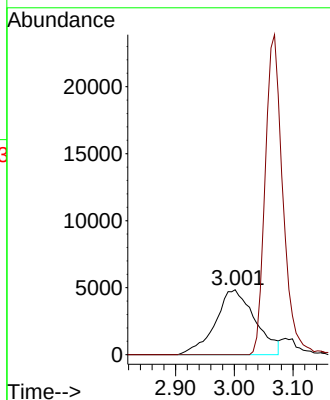
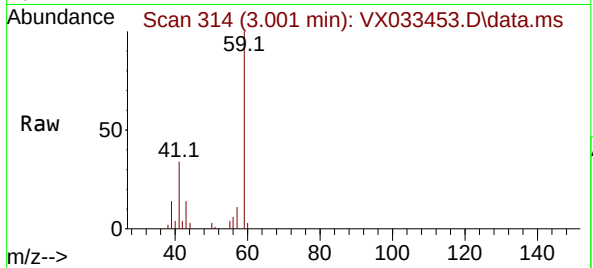
#23
tert-Butyl Alcohol
Concen: 99.829 ug/l
RT: 3.001 min Scan# 315
Delta R.T. -0.006 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tgt Ion: 59 Resp: 22869
Ion Ratio Lower Upper
59 100
52 0.0 149.0 223.6

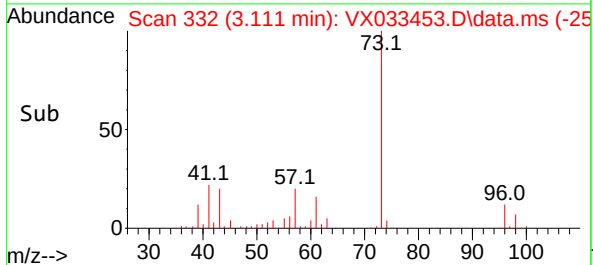
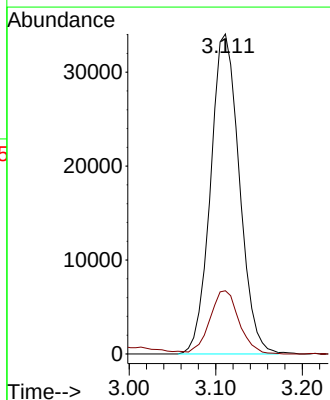
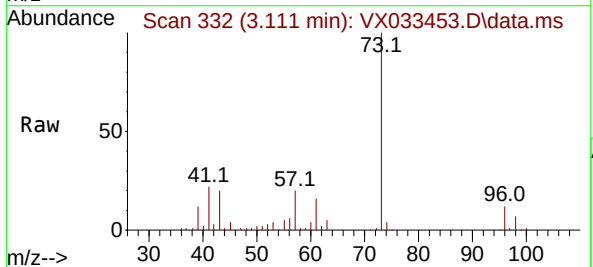
Manual Integrations
APPROVED

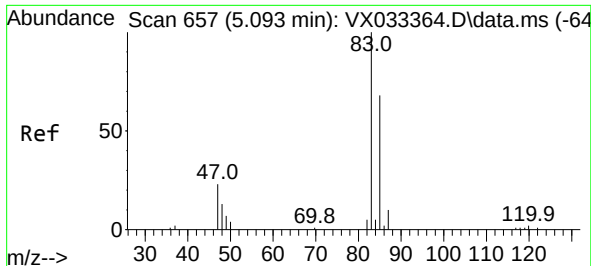
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#24
Methyl tert-Butyl Ether
Concen: 20.774 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

Tgt Ion: 73 Resp: 78726
Ion Ratio Lower Upper
73 100
43 20.0 16.8 25.2





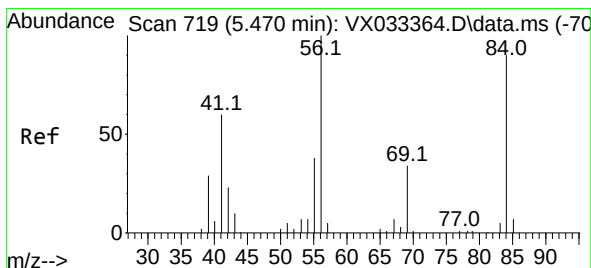
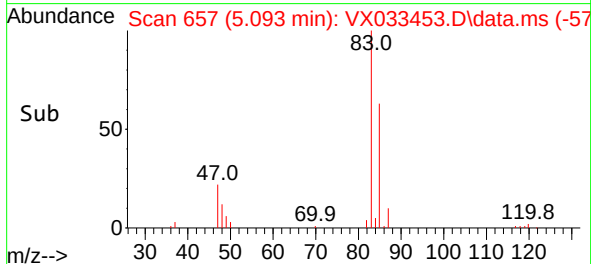
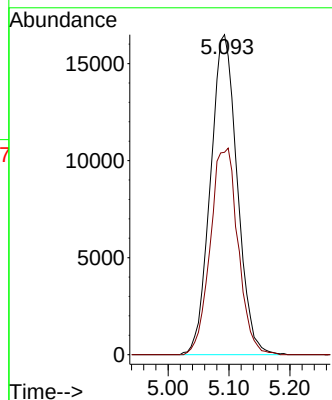
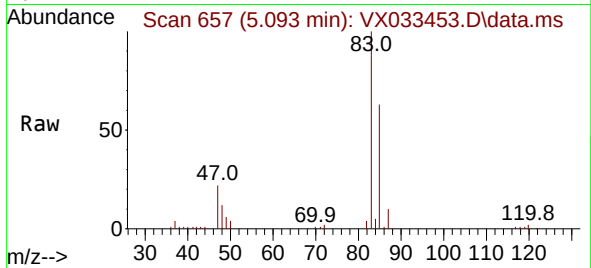
#25
Chloroform
Concen: 20.726 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tgt Ion: 83 Resp: 50320
Ion Ratio Lower Upper
83 100
85 63.2 54.2 81.2

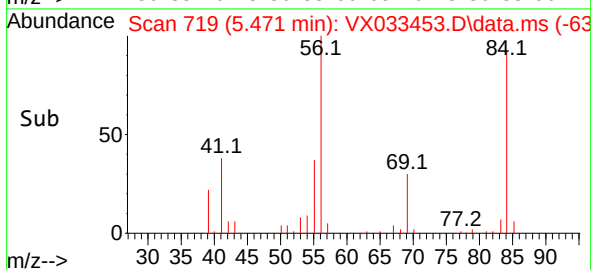
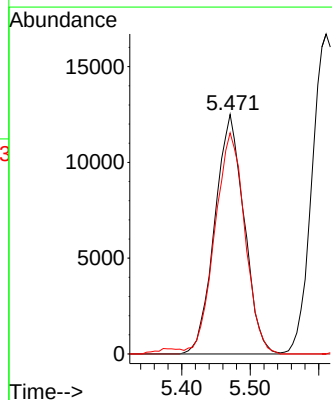
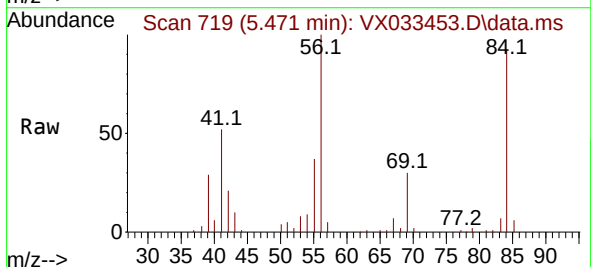
Manual Integrations
APPROVED

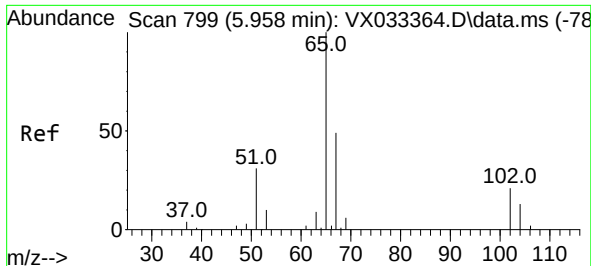
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#26
Cyclohexane
Concen: 19.957 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

Tgt Ion: 56 Resp: 37246
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 94.5 74.7 112.1





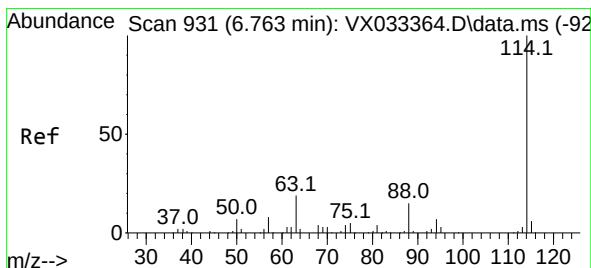
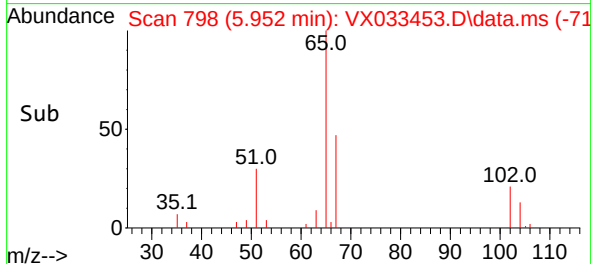
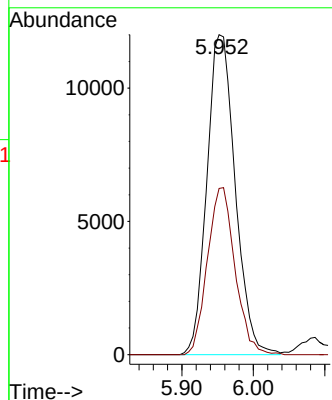
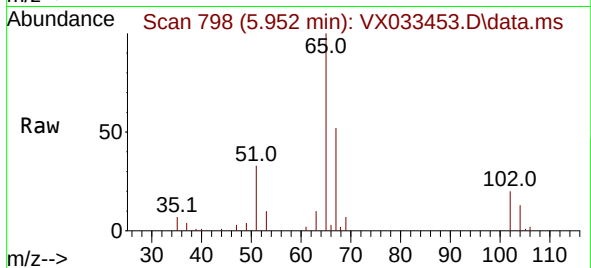
#27
1,2-Dichloroethane-d4
Concen: 30.966 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tgt Ion: 65 Resp: 3305
Ion Ratio Lower Upper
65 100
67 50.8 39.8 59.8

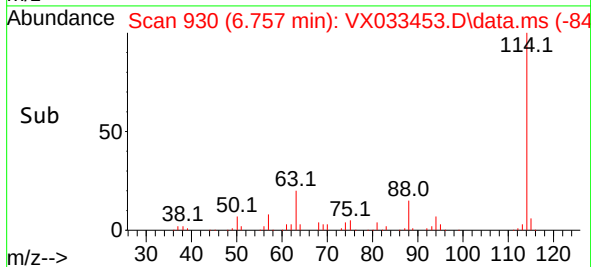
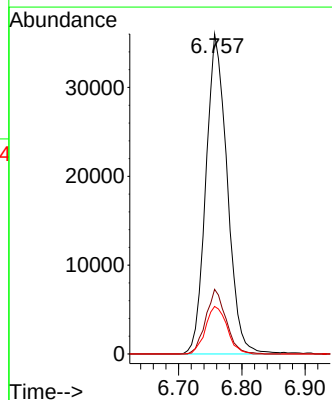
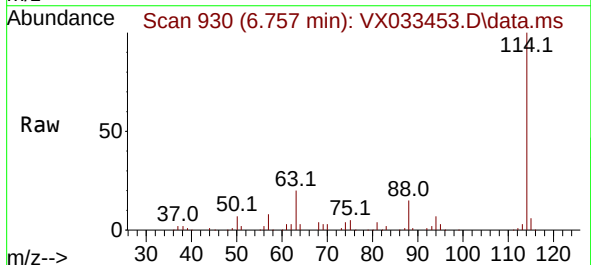
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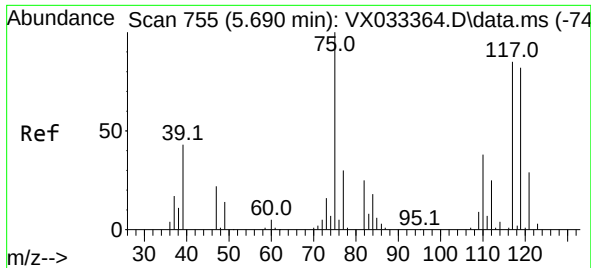
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

Tgt Ion:114 Resp: 84333
Ion Ratio Lower Upper
114 100
63 19.2 15.2 22.8
88 15.1 12.2 18.4





#29

1,1-Dichloropropene

Concen: 20.855 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX033453.D

Acq: 16 Dec 2022 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

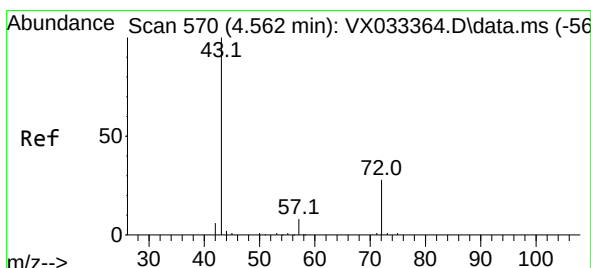
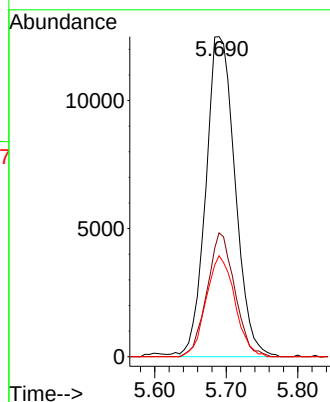
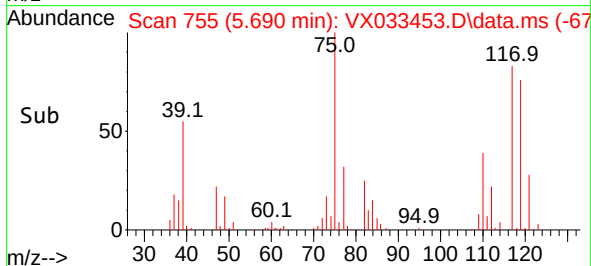
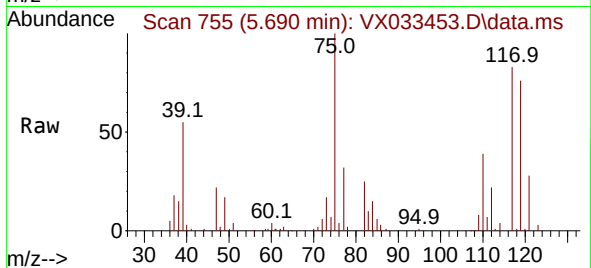
Tgt Ion:	75	Resp:	3554
Ion Ratio	Lower	Upper	
75	100		
110	36.5	0.0	73.6
77	30.9	0.0	62.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#30

2-Butanone

Concen: 107.182 ug/l

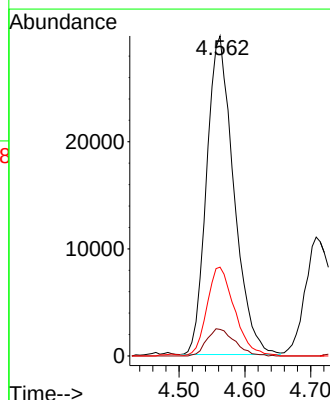
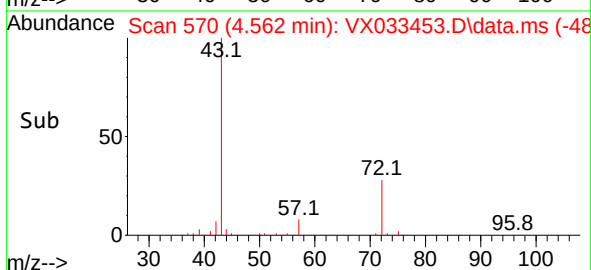
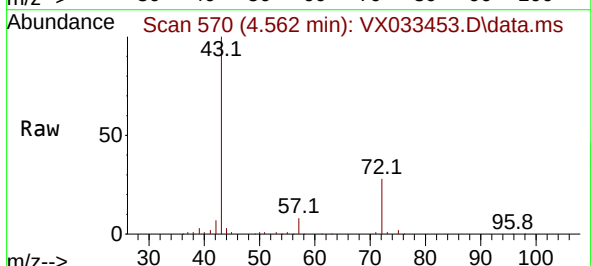
RT: 4.562 min Scan# 570

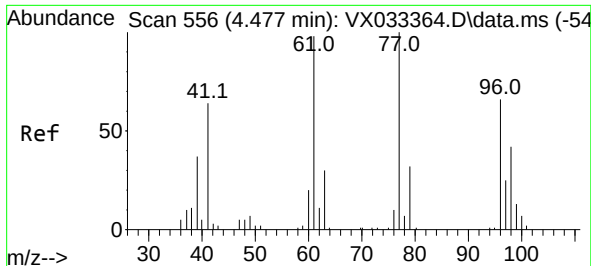
Delta R.T. 0.000 min

Lab File: VX033453.D

Acq: 16 Dec 2022 11:53

Tgt Ion:	43	Resp:	85399
Ion Ratio	Lower	Upper	
43	100		
57	8.8	6.6	9.8
72	28.3	22.5	33.7





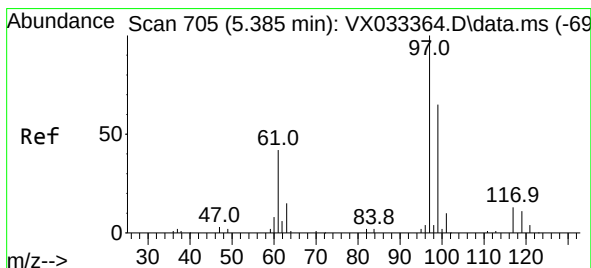
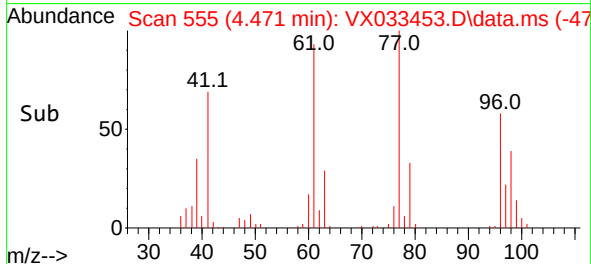
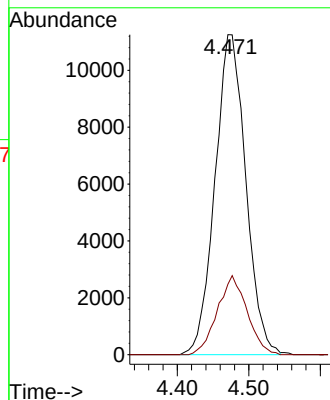
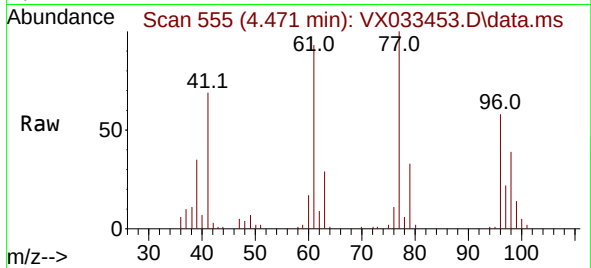
#31
2,2-Dichloropropane
Concen: 18.805 ug/l
RT: 4.471 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tgt Ion: 77 Resp: 33684
Ion Ratio Lower Upper
77 100
97 23.9 18.1 27.1

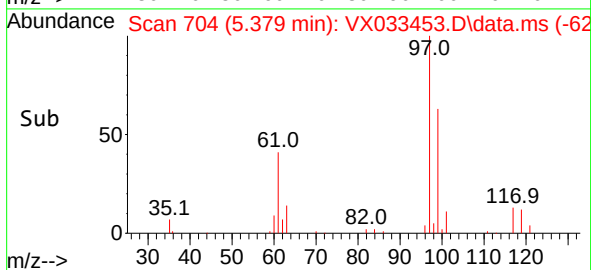
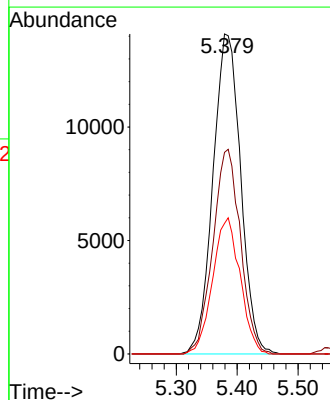
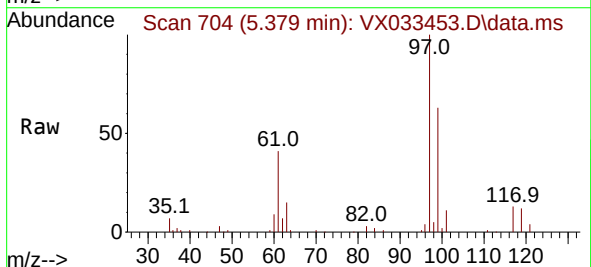
Manual Integrations
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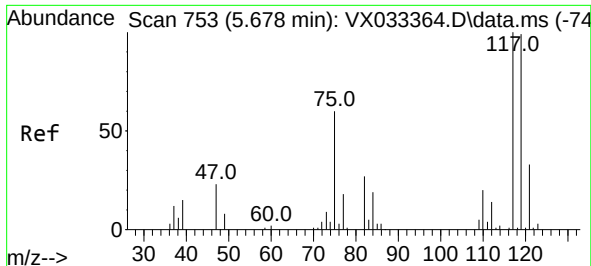
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#32
1,1,1-Trichloroethane
Concen: 20.258 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

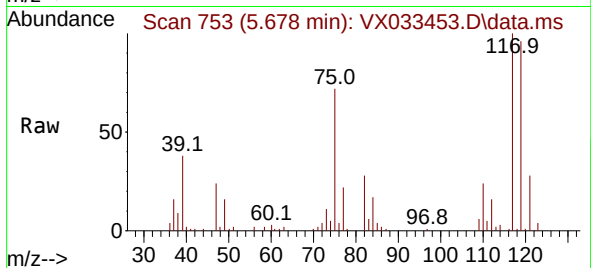
Tgt Ion: 97 Resp: 44572
Ion Ratio Lower Upper
97 100
99 63.5 51.0 76.4
61 42.2 34.3 51.5





#33
Carbon Tetrachloride
Concen: 19.447 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

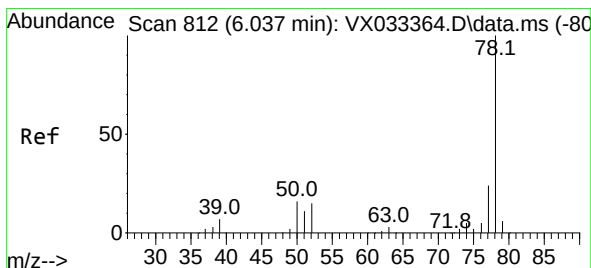
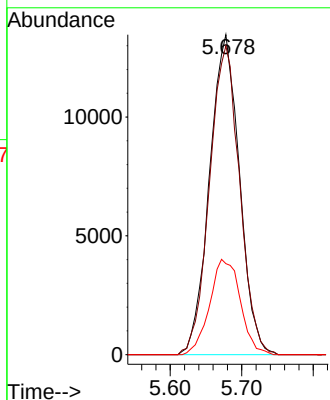
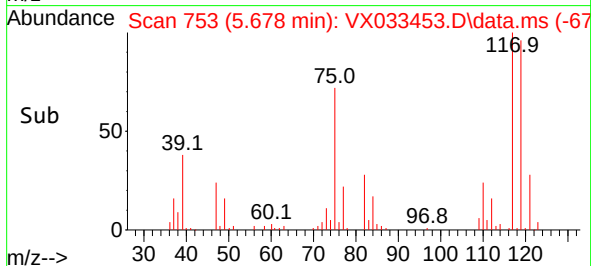
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01



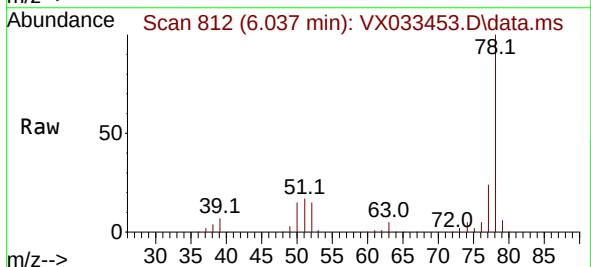
Tgt Ion:117 Resp: 39120
Ion Ratio Lower Upper
117 100
119 96.5 79.5 119.3
121 28.4 26.2 39.2

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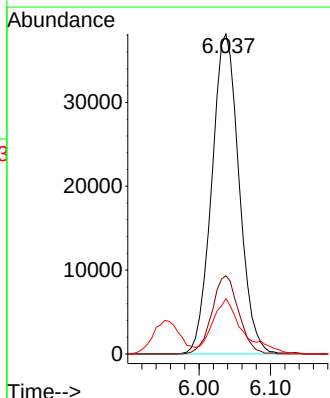
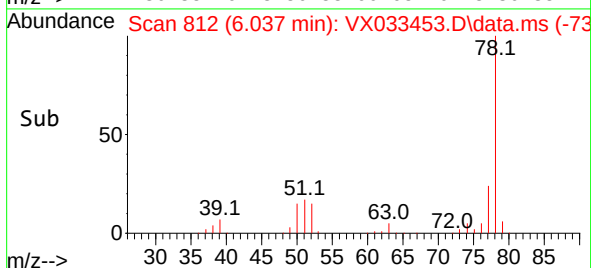
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

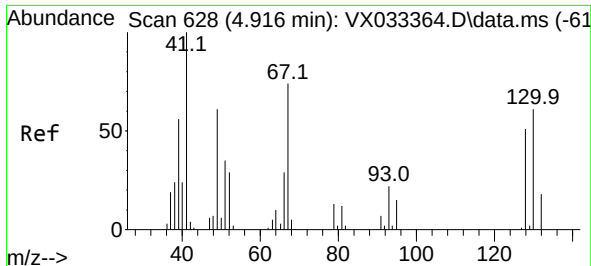


#34
Benzene
Concen: 20.671 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53



Tgt Ion: 78 Resp: 100968
Ion Ratio Lower Upper
78 100
77 24.5 19.2 28.8
51 15.9 12.6 18.8





#35
Methacrylonitrile
Concen: 21.813 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

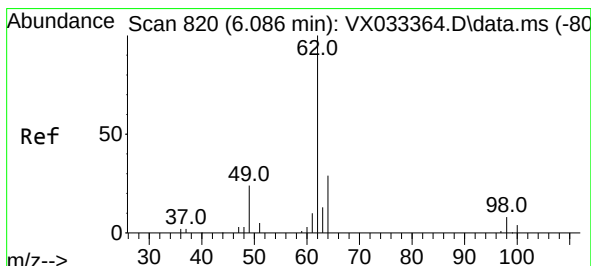
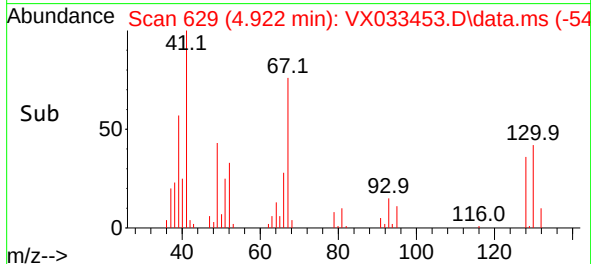
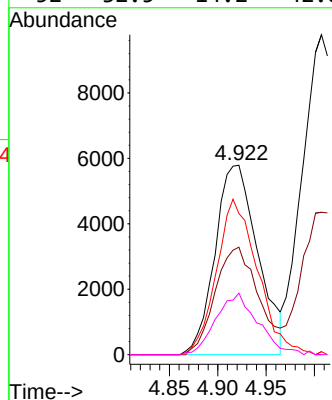
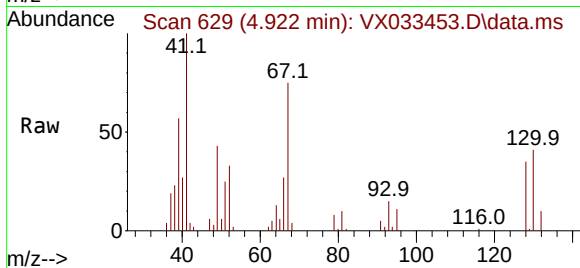
Tgt Ion: 41 Resp: 1781
Ion Ratio Lower Upper
41 100
39 56.7 27.8 83.3
67 74.5 37.0 110.9
52 32.5 14.2 42.8

Manual Integrations

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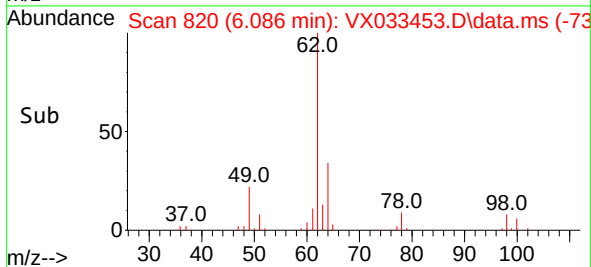
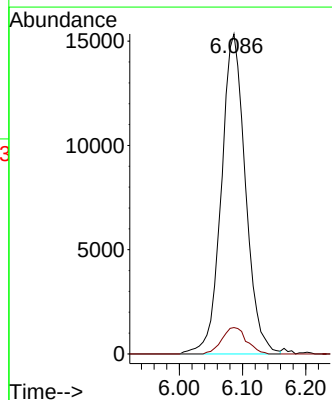
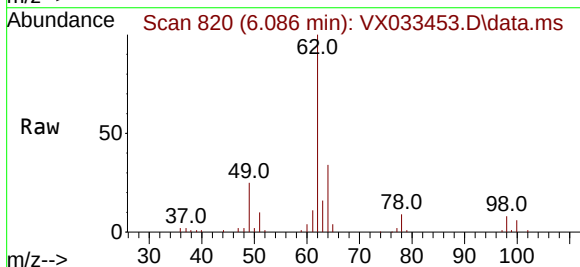
Reviewed By :John Carlone 12/19/2022

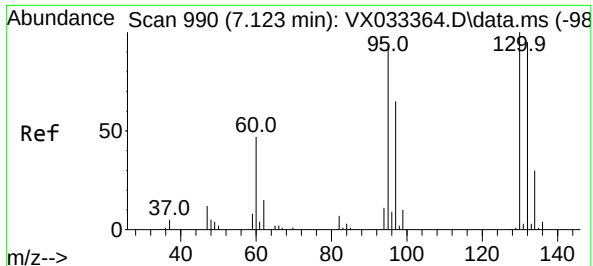
Supervised By :Mahesh Dadoda 12/19/2022



#36
1,2-Dichloroethane
Concen: 21.629 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

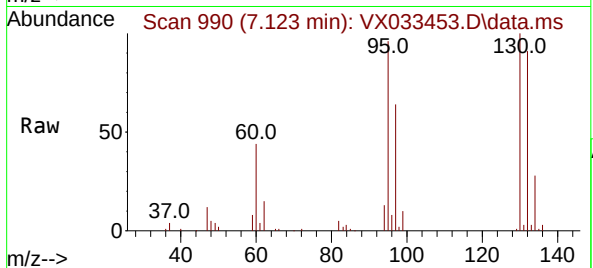
Tgt Ion: 62 Resp: 40609
Ion Ratio Lower Upper
62 100
98 8.4 6.4 9.6





#37
Trichloroethene
Concen: 20.839 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

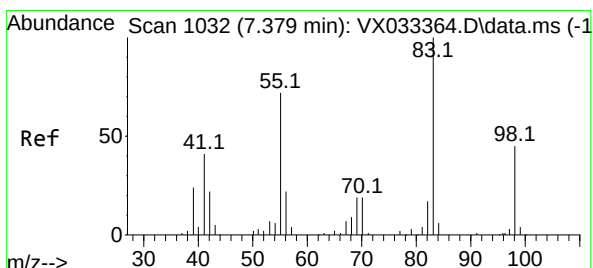
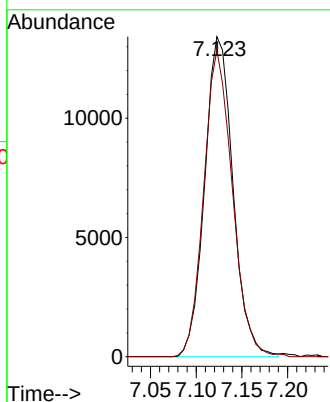
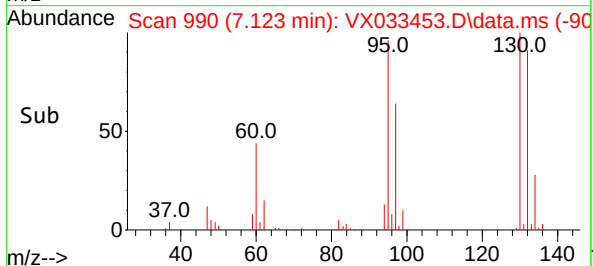
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01



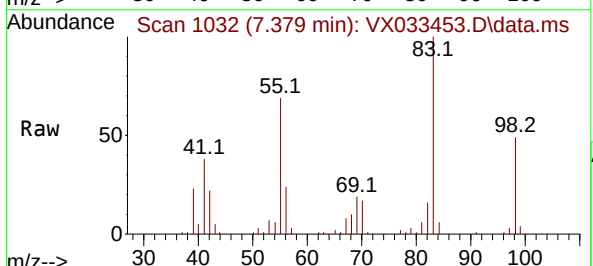
Tgt Ion:130 Resp: 2890
Ion Ratio Lower Upper
130 100
95 95.3 74.6 112.0

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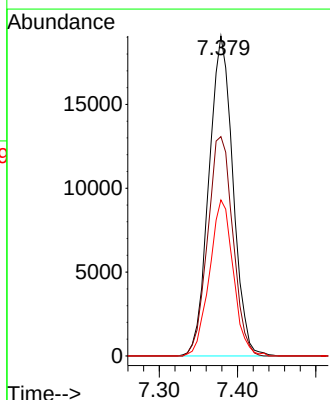
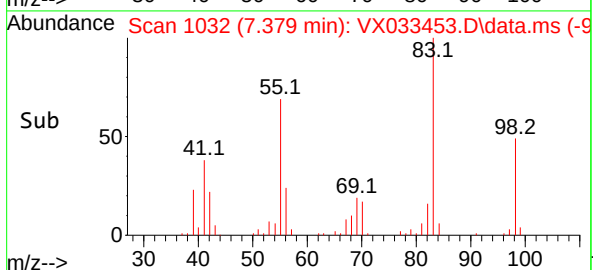
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

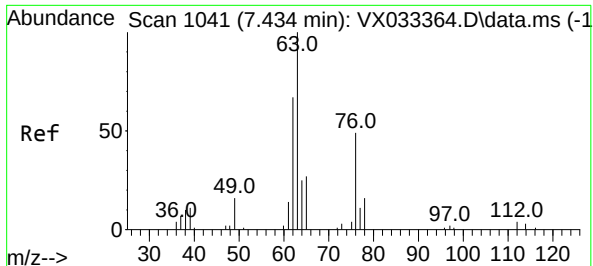


#38
Methylcyclohexane
Concen: 20.308 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53



Tgt Ion: 83 Resp: 40787
Ion Ratio Lower Upper
83 100
55 71.7 36.2 108.6
98 48.1 23.4 70.2





#39

1,2-Dichloropropane

Concen: 21.172 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX033453.D

Acq: 16 Dec 2022 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

Tgt Ion: 63 Resp: 2578

Ion Ratio Lower Upper

63 100

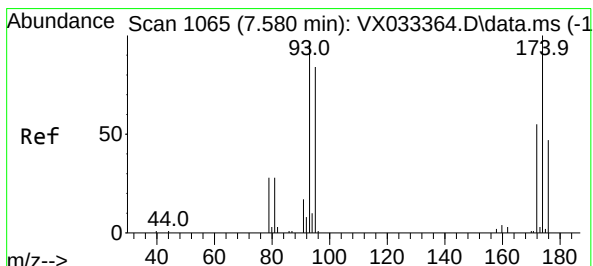
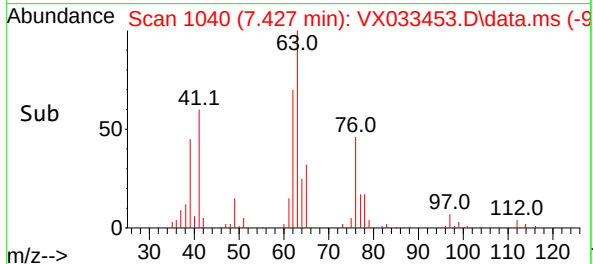
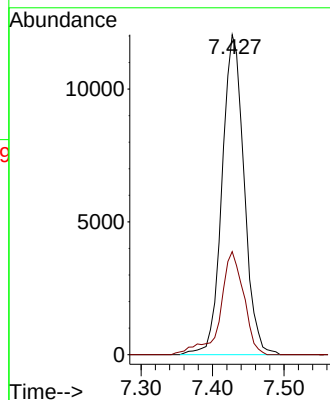
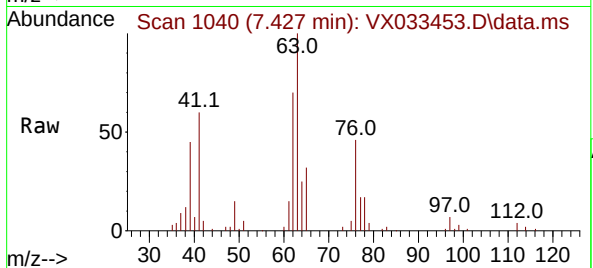
65 32.2 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#40

Dibromomethane

Concen: 21.017 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033453.D

Acq: 16 Dec 2022 11:53

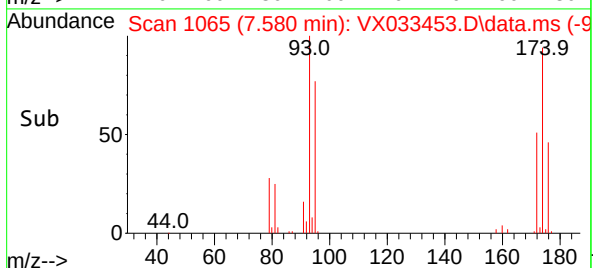
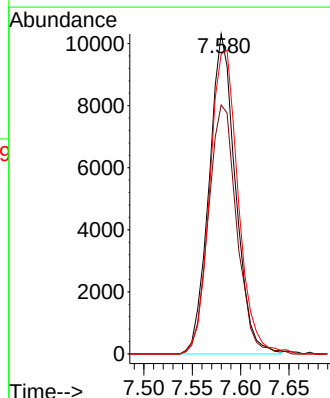
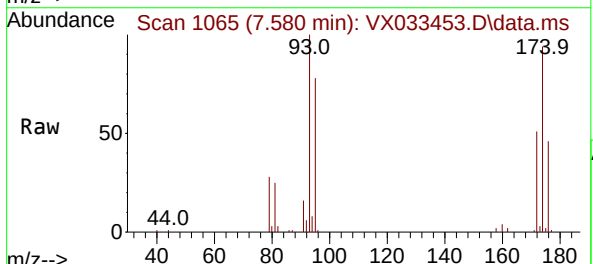
Tgt Ion: 93 Resp: 19586

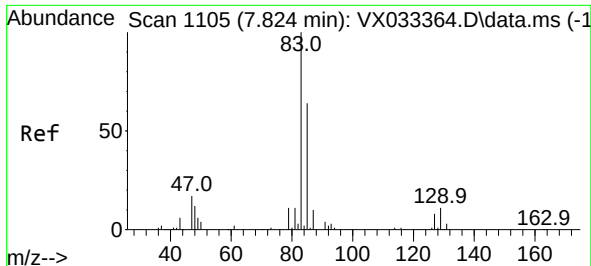
Ion Ratio Lower Upper

93 100

95 83.3 0.0 170.2

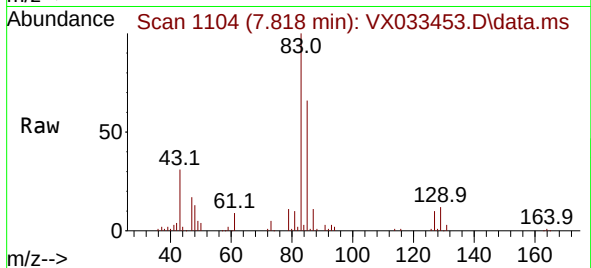
174 102.4 0.0 206.8





#41
Bromodichloromethane
Concen: 19.988 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

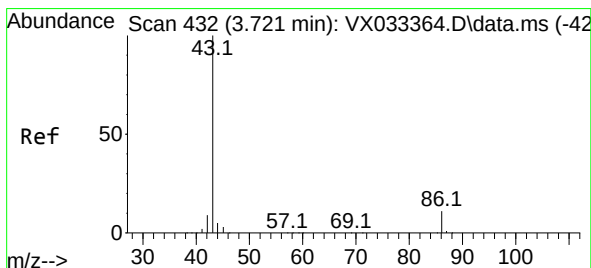
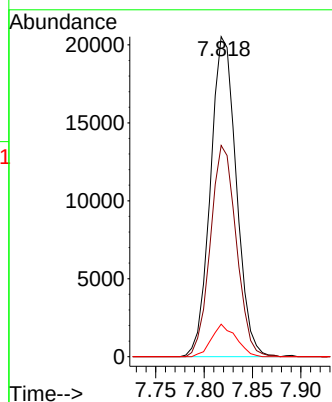
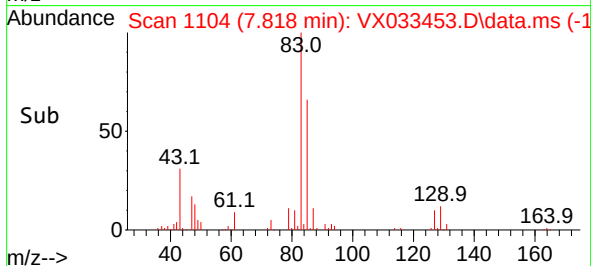
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01



Tgt Ion: 83 Resp: 3817
Ion Ratio Lower Upper
83 100
85 66.0 50.9 76.3
127 10.2 6.8 10.2

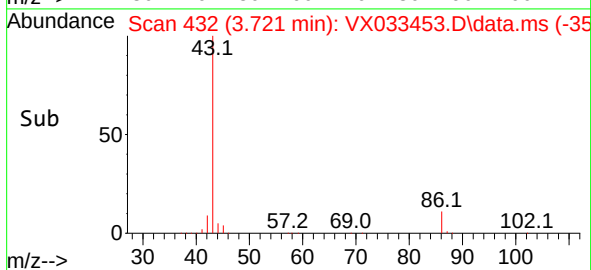
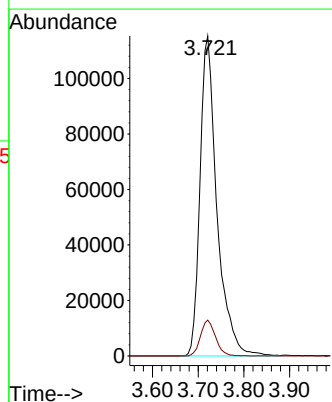
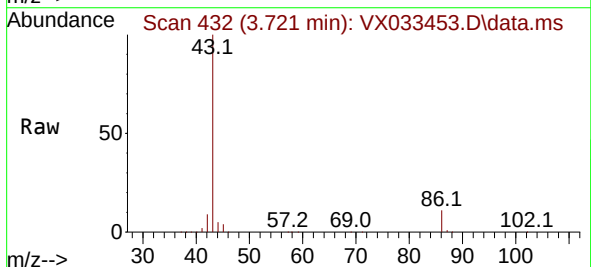
Manual Integrations
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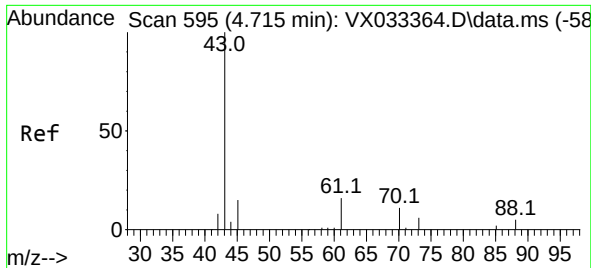
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#42
Vinyl Acetate
Concen: 107.403 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

Tgt Ion: 43 Resp: 296272
Ion Ratio Lower Upper
43 100
86 9.9 7.8 11.8





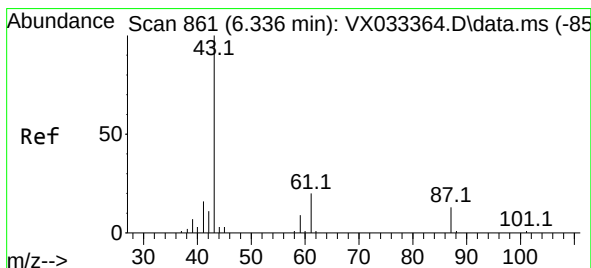
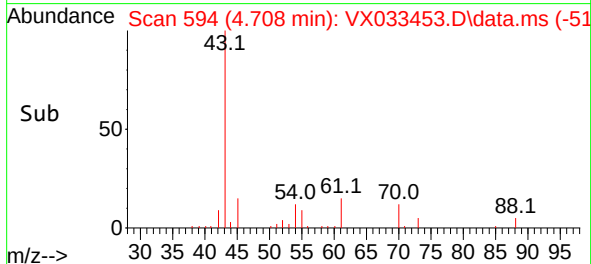
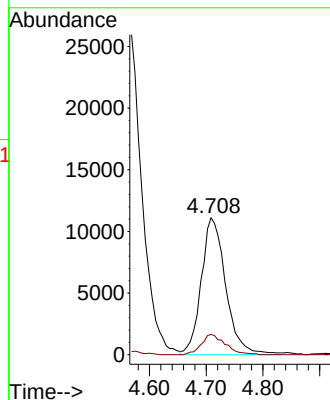
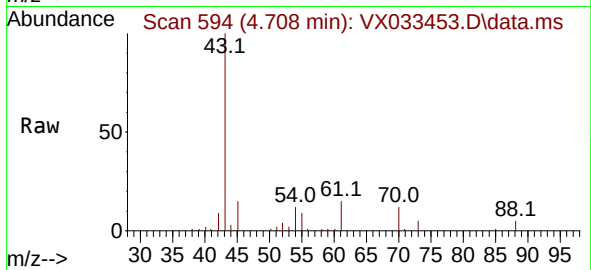
#43
Ethyl Acetate
Concen: 23.253 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tgt Ion: 43 Resp: 3331
Ion Ratio Lower Upper
43 100
45 14.5 12.0 18.0

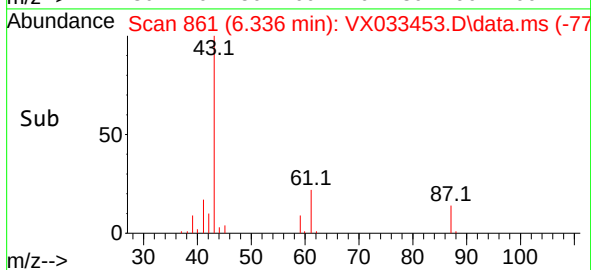
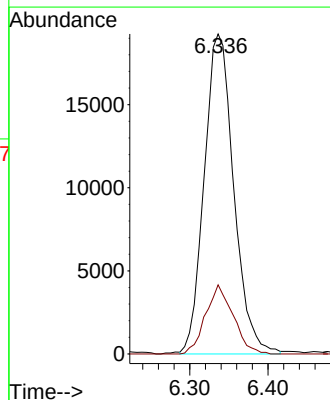
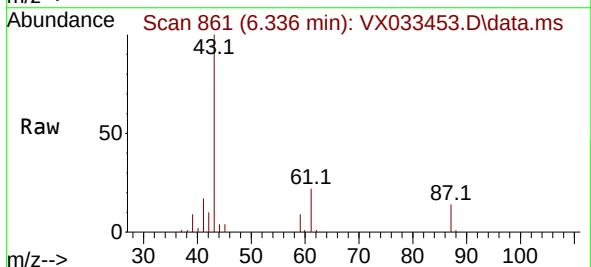
Manual Integrations
APPROVED

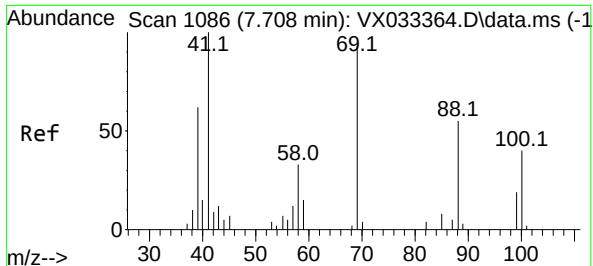
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#44
Isopropyl Acetate
Concen: 20.741 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

Tgt Ion: 43 Resp: 50442
Ion Ratio Lower Upper
43 100
61 20.2 15.7 23.5





#45

1,4-Dioxane

Concen: 464.878 ug/l m

RT: 7.696 min Scan# 1084

Delta R.T. -0.012 min

Lab File: VX033453.D

Acq: 16 Dec 2022 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

Tgt Ion: 88 Resp: 1324

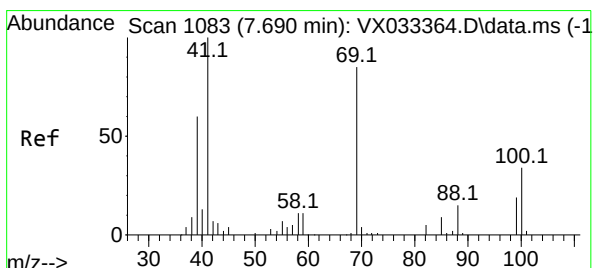
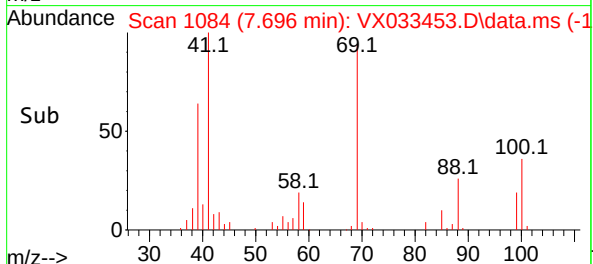
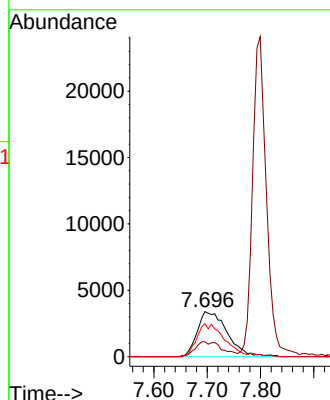
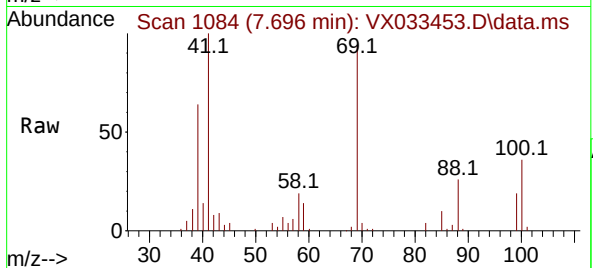
Ion	Ratio	Lower	Upper
88	100		
43	15.0	12.4	18.6
58	29.7	51.1	76.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#46

Methyl methacrylate

Concen: 22.073 ug/l

RT: 7.690 min Scan# 1083

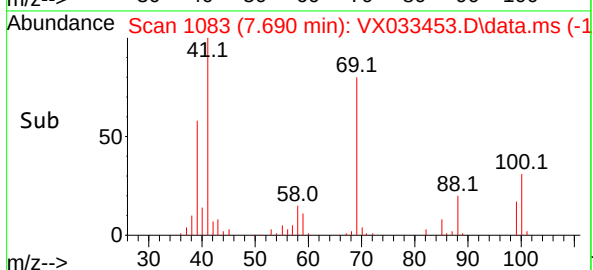
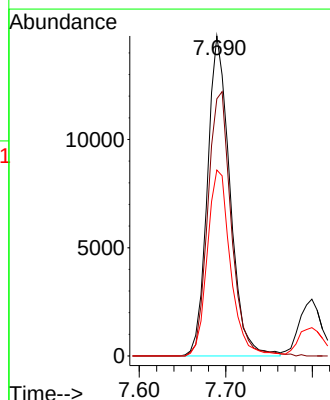
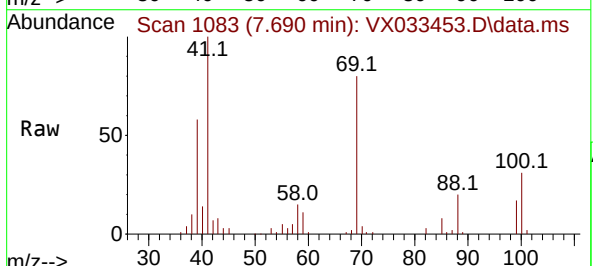
Delta R.T. 0.000 min

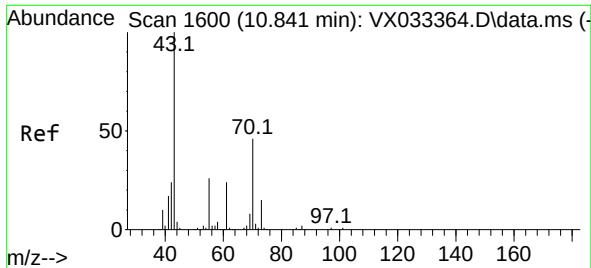
Lab File: VX033453.D

Acq: 16 Dec 2022 11:53

Tgt Ion: 41 Resp: 26740

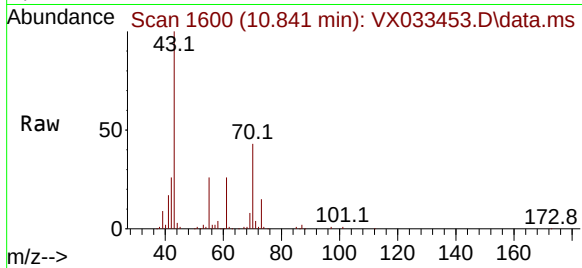
Ion	Ratio	Lower	Upper
41	100		
69	80.3	42.3	126.9
39	58.1	30.1	90.5





#47
n-amy1 Acetate
Concen: 21.816 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

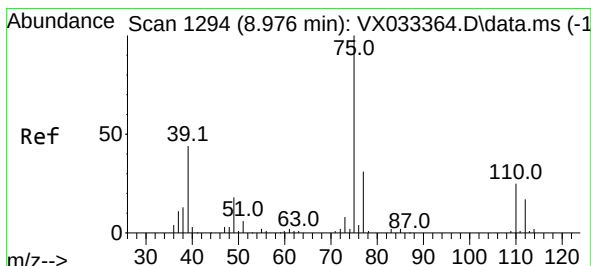
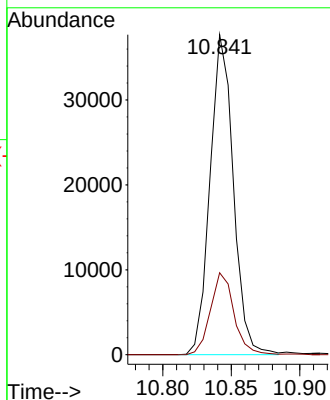
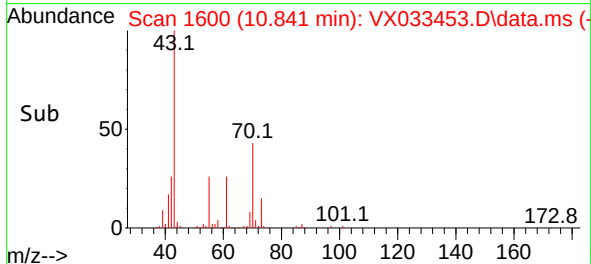
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01



Tgt Ion: 43 Resp: 44520
Ion Ratio Lower Upper
43 100
55 25.8 20.6 30.8

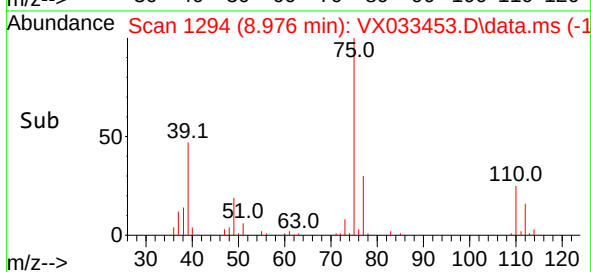
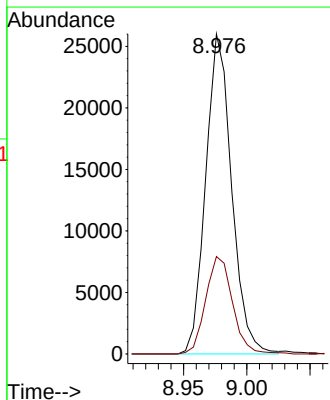
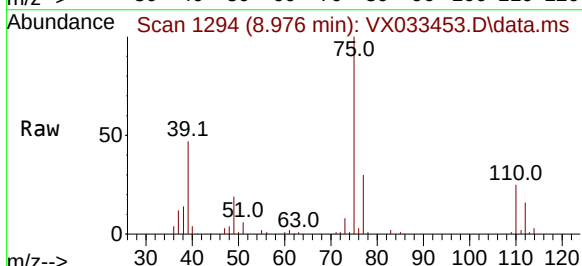
Manual Integrations
APPROVED

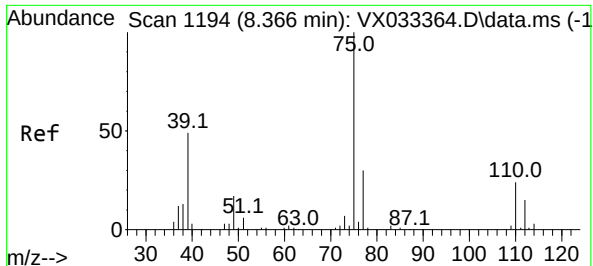
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#48
t-1,3-Dichloropropene
Concen: 19.377 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

Tgt Ion: 75 Resp: 37116
Ion Ratio Lower Upper
75 100
77 30.5 25.0 37.4





#49

cis-1,3-Dichloropropene

Concen: 20.148 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033453.D

Acq: 16 Dec 2022 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

Tgt Ion: 75 Resp: 4142

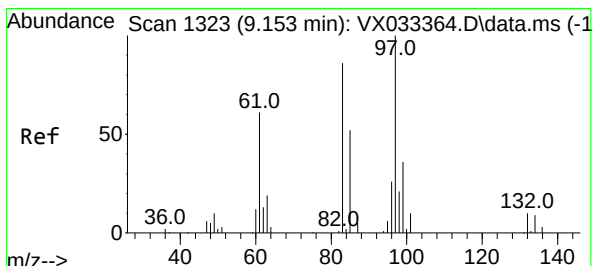
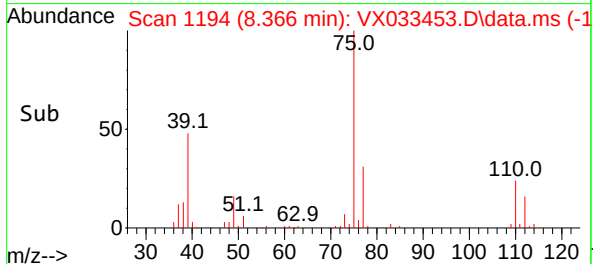
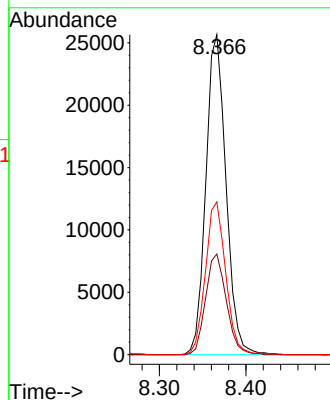
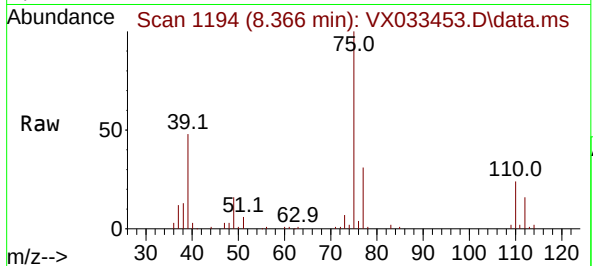
Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.2	36.4
39	47.7	39.3	58.9

Manual Integrations

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Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#50

1,1,2-Trichloroethane

Concen: 21.931 ug/l

RT: 9.153 min Scan# 1323

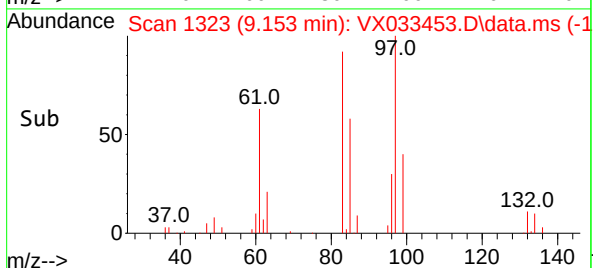
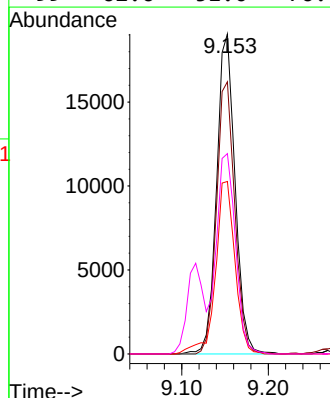
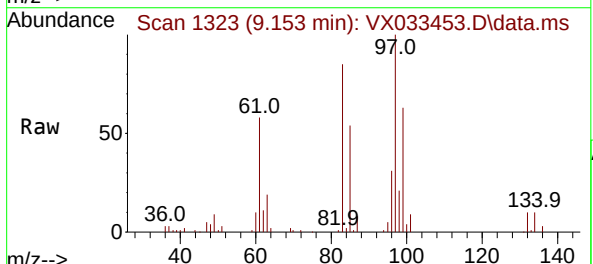
Delta R.T. 0.000 min

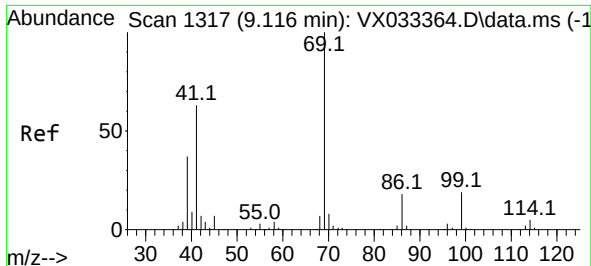
Lab File: VX033453.D

Acq: 16 Dec 2022 11:53

Tgt Ion: 97 Resp: 28263

Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.1	102.1
85	53.9	43.8	65.6
99	62.6	51.0	76.6





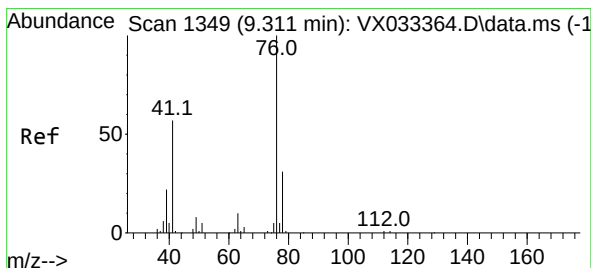
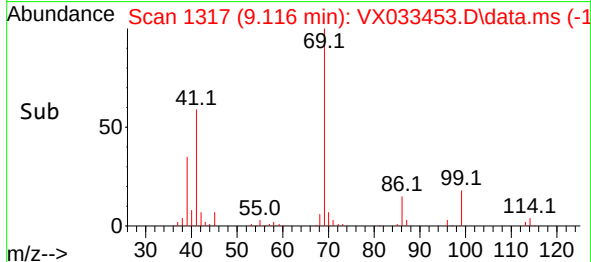
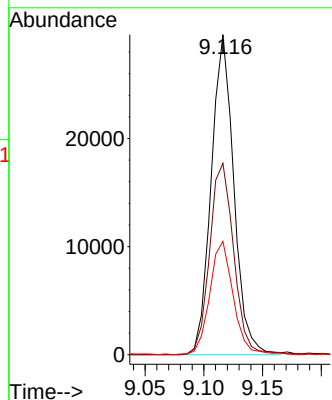
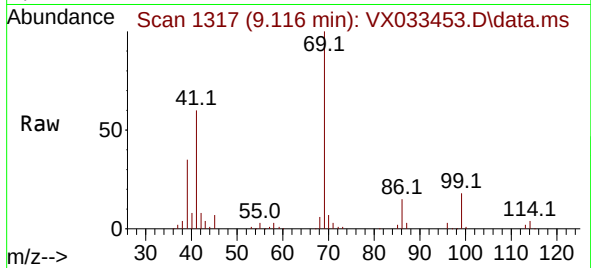
#51
Ethyl methacrylate
Concen: 21.552 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tgt Ion: 69 Resp: 39680
Ion Ratio Lower Upper
69 100
41 59.8 31.4 94.2
39 35.2 18.4 55.2

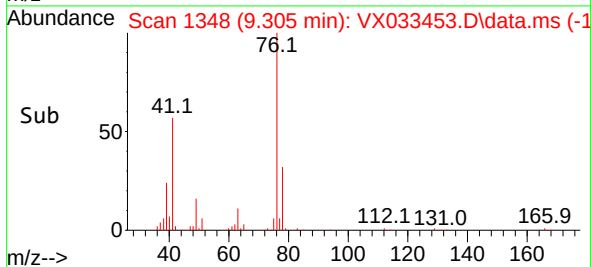
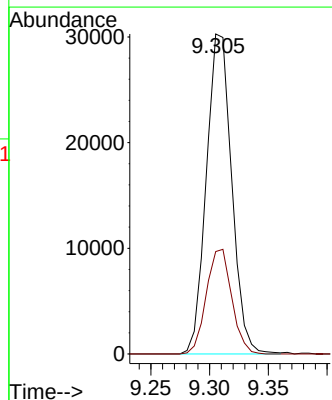
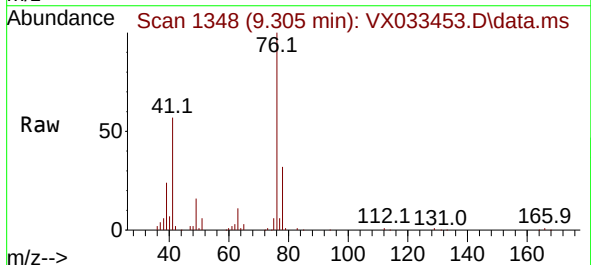
Manual Integrations
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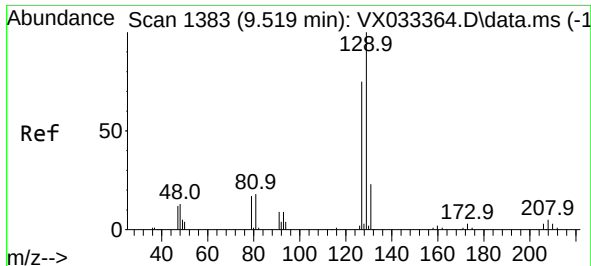
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#52
1,3-Dichloropropane
Concen: 21.619 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

Tgt Ion: 76 Resp: 45495
Ion Ratio Lower Upper
76 100
78 32.6 0.0 63.4





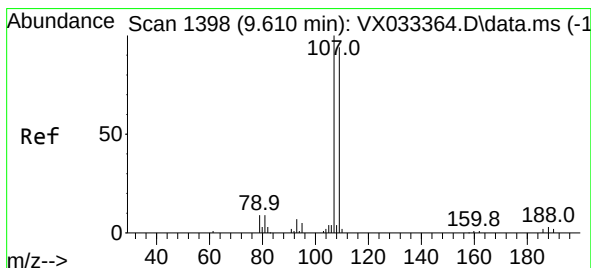
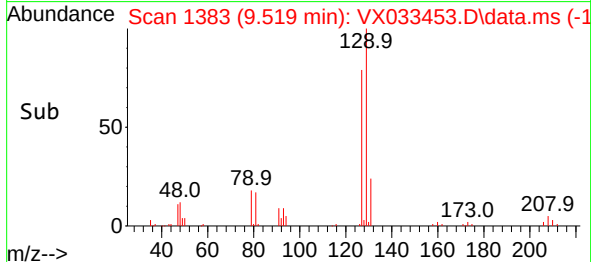
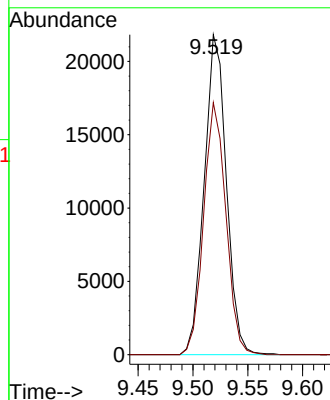
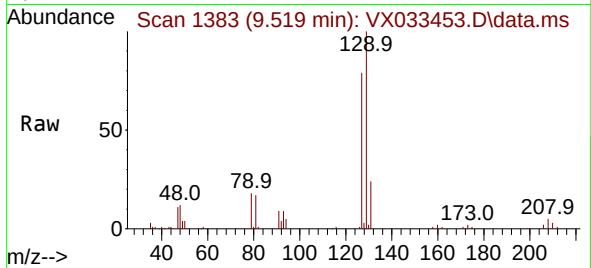
#53
Dibromochloromethane
Concen: 19.829 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tgt Ion:129 Resp: 30710
Ion Ratio Lower Upper
129 100
127 79.0 38.1 114.3

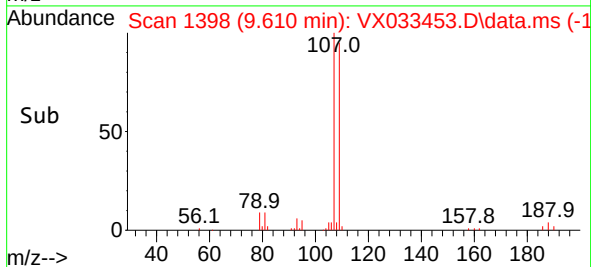
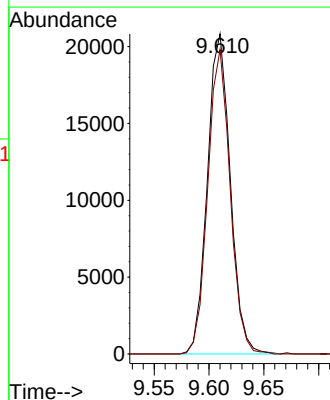
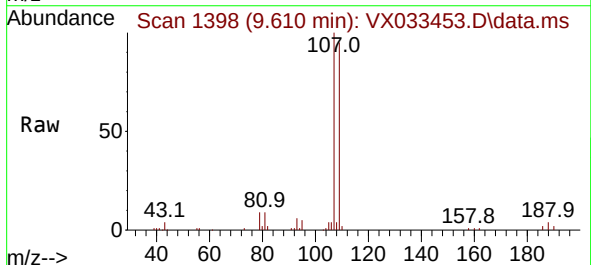
Manual Integrations
APPROVED

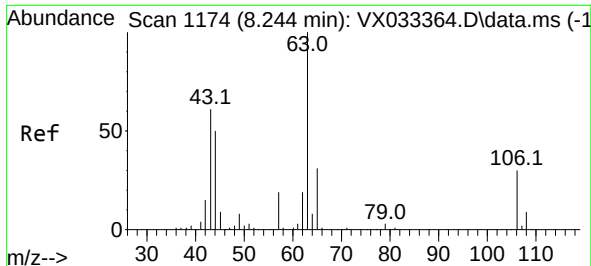
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#54
1,2-Dibromoethane
Concen: 21.478 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

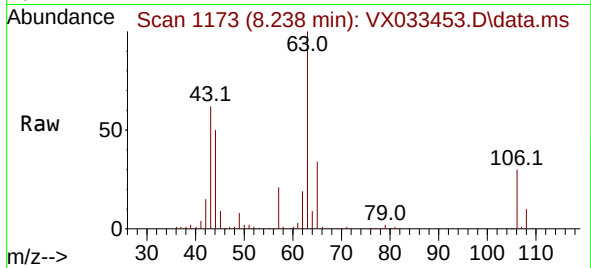
Tgt Ion:107 Resp: 30298
Ion Ratio Lower Upper
107 100
109 92.5 74.2 111.2





#55
2-Chloroethyl vinyl ether
Concen: 100.913 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

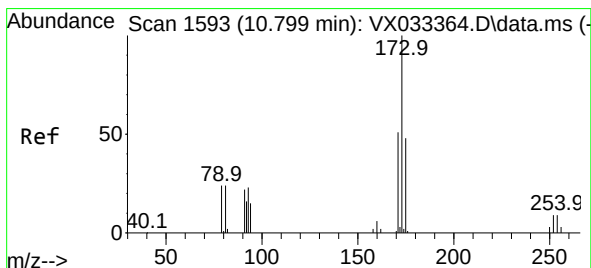
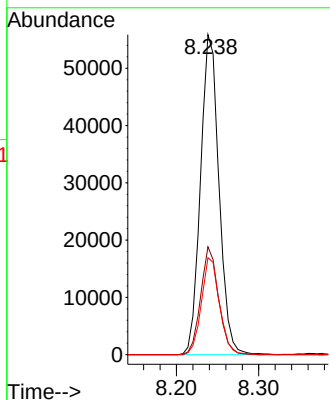
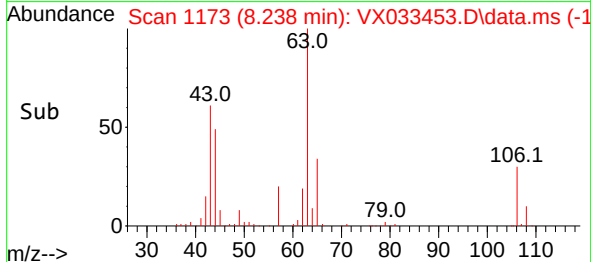
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01



Tgt Ion: 63 Resp: 87244
Ion Ratio Lower Upper
63 100
65 32.5 25.8 38.8
106 29.6 24.2 36.4

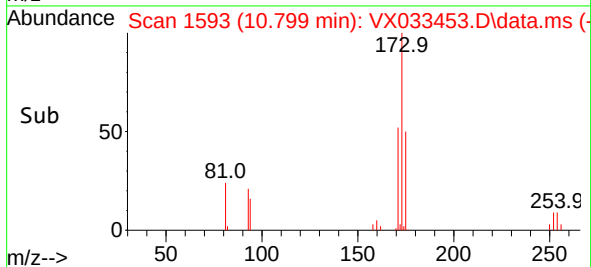
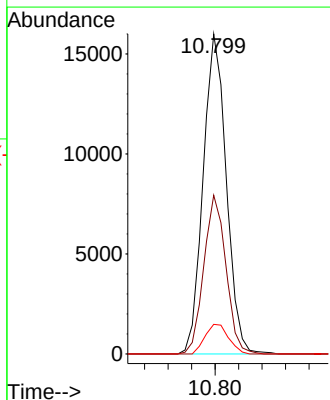
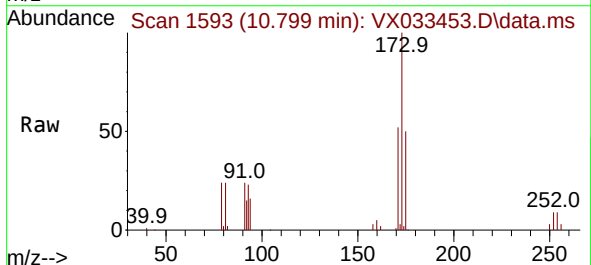
Manual Integrations
APPROVED

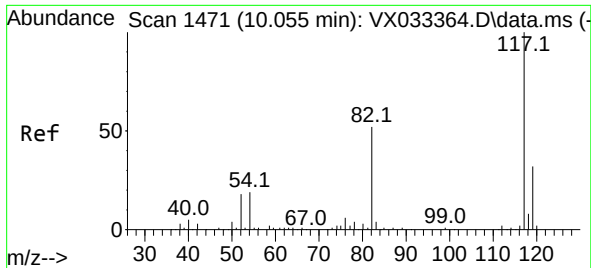
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#56
Bromoform
Concen: 19.589 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

Tgt Ion:173 Resp: 21899
Ion Ratio Lower Upper
173 100
175 47.4 39.6 59.4
254 9.4 7.1 10.7





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033453.D

Acq: 16 Dec 2022 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

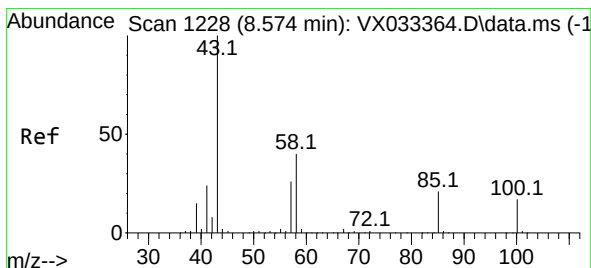
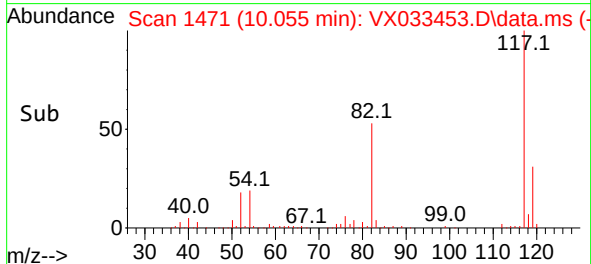
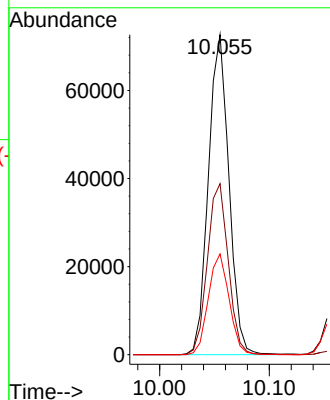
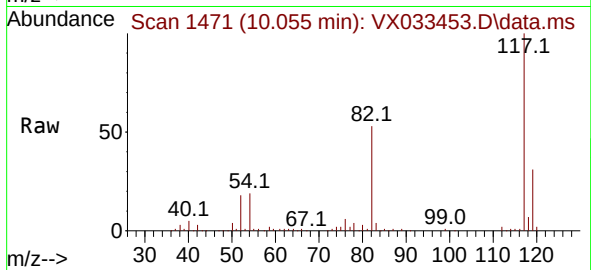
Tgt Ion:	117	Resp:	94650
Ion Ratio	Lower	Upper	
117	100		
82	54.3	43.7	65.5
119	31.8	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#58

4-Methyl-2-Pentanone

Concen: 110.938 ug/l

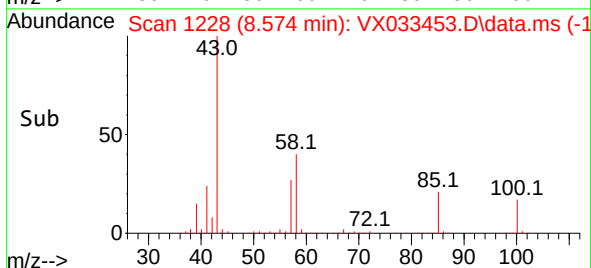
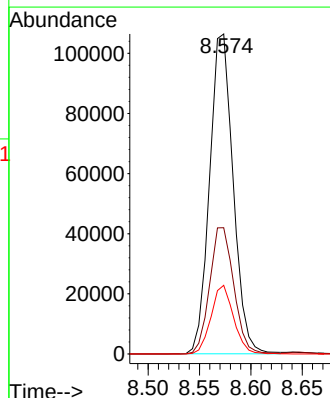
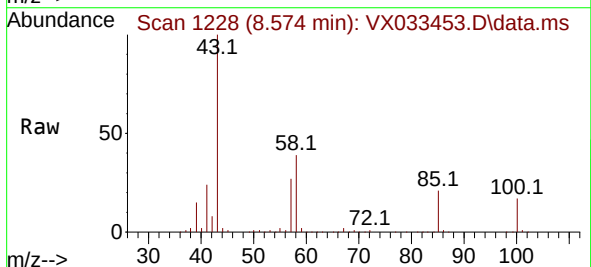
RT: 8.574 min Scan# 1228

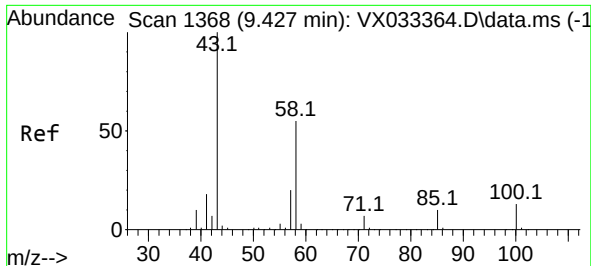
Delta R.T. 0.000 min

Lab File: VX033453.D

Acq: 16 Dec 2022 11:53

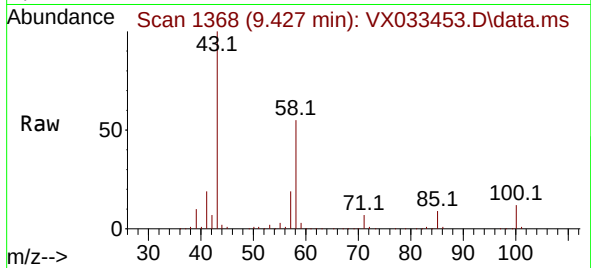
Tgt Ion:	43	Resp:	169799
Ion Ratio	Lower	Upper	
43	100		
58	40.5	32.3	48.5
85	20.5	16.6	24.8





#59
2-Hexanone
Concen: 111.374 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

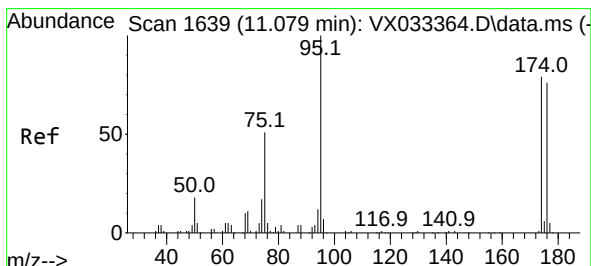
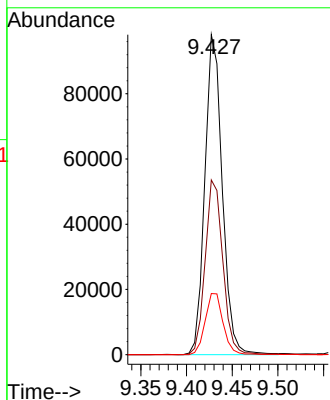
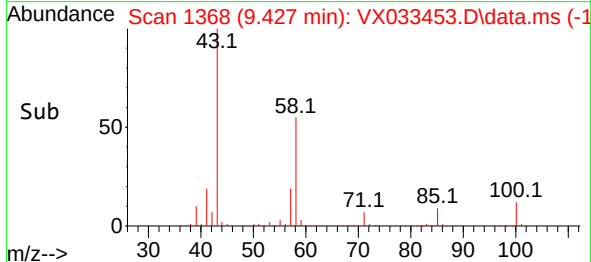
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01



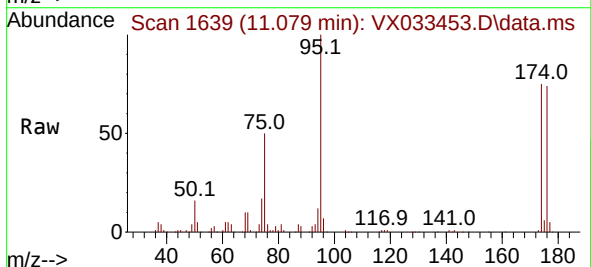
Tgt Ion: 43 Resp: 130352
Ion Ratio Lower Upper
43 100
58 55.0 44.4 66.6
57 19.5 16.2 24.2

Manual Integrations
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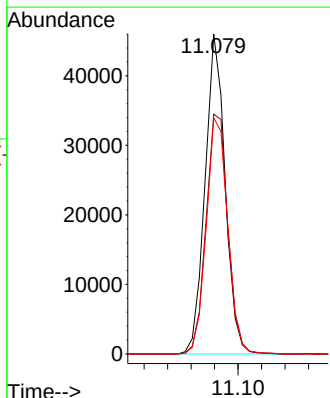
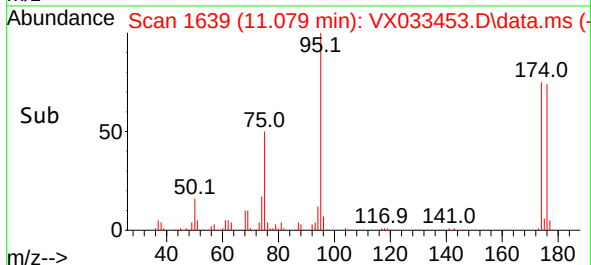
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

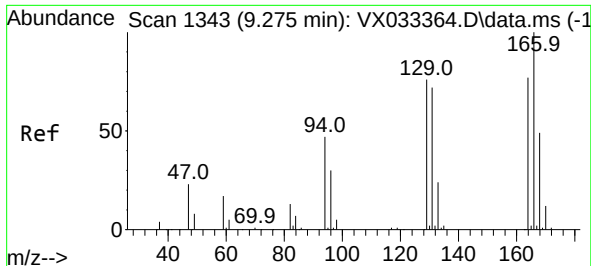


#60
4-Bromofluorobenzene
Concen: 31.143 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53



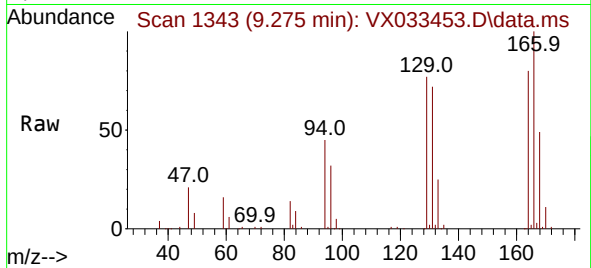
Tgt Ion: 95 Resp: 54594
Ion Ratio Lower Upper
95 100
174 81.7 65.9 98.9
176 78.8 63.3 94.9





#61
Tetrachloroethene
Concen: 20.274 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

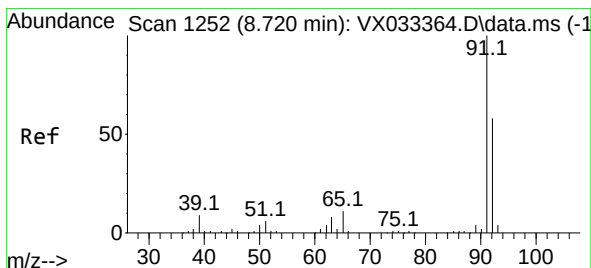
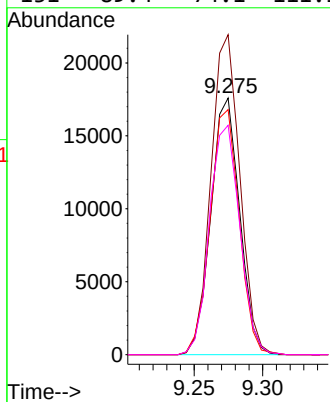
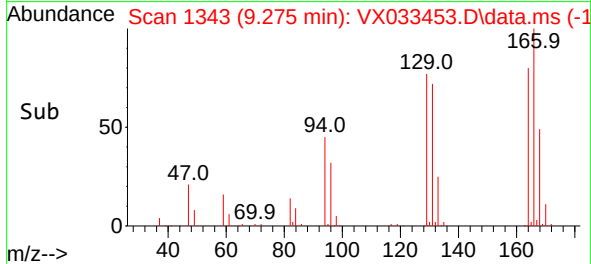
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01



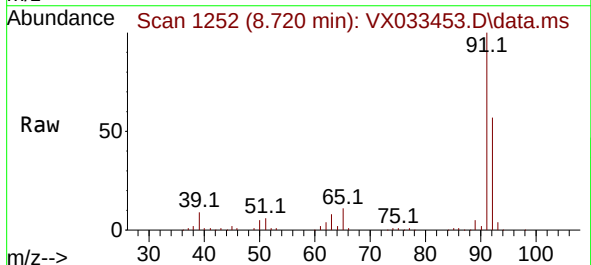
Tgt Ion:164 Resp: 25690
Ion Ratio Lower Upper
164 100
166 124.7 103.3 154.9
129 95.5 78.3 117.5
131 89.4 74.1 111.1

Manual Integrations
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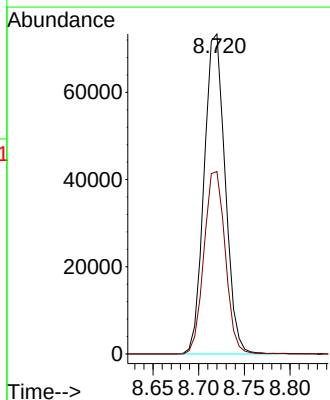
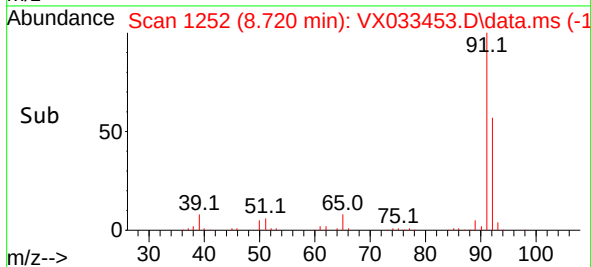
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

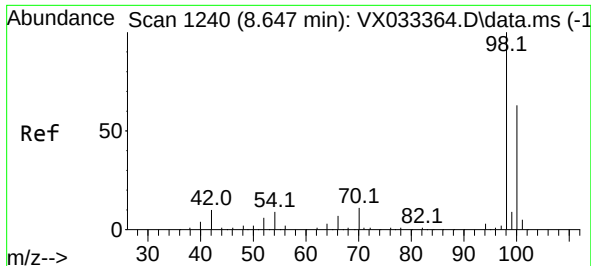


#62
Toluene
Concen: 20.438 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53



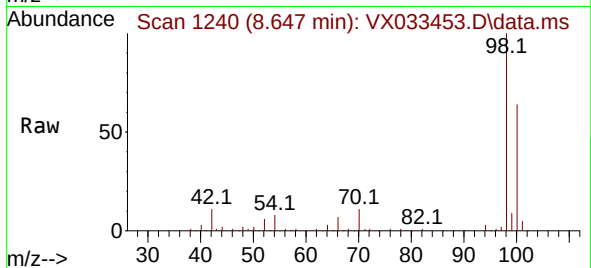
Tgt Ion: 91 Resp: 117422
Ion Ratio Lower Upper
91 100
92 57.7 46.2 69.2





#63
Toluene-d8
Concen: 29.635 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

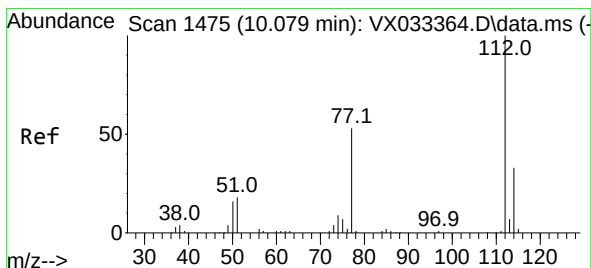
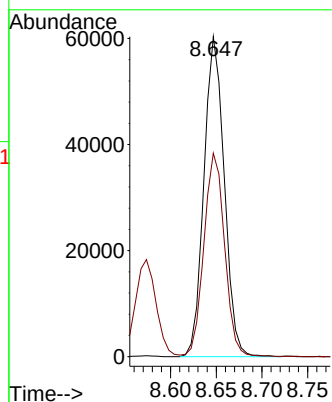
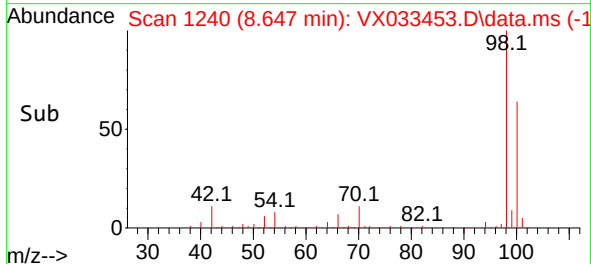
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01



Tgt Ion: 98 Resp: 93308
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.2

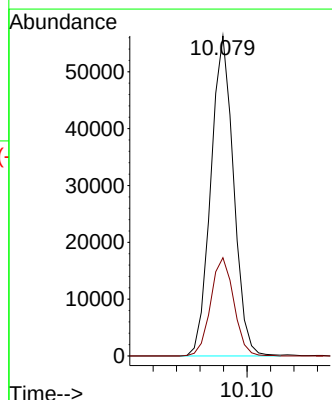
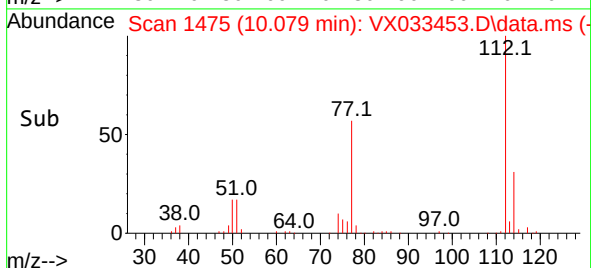
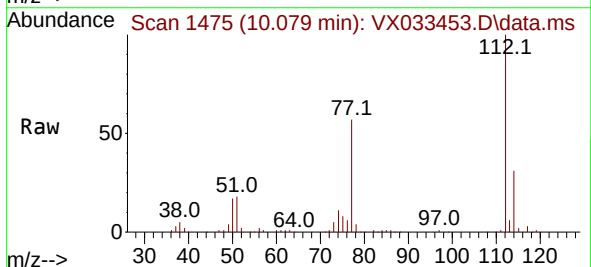
Manual Integrations
APPROVED

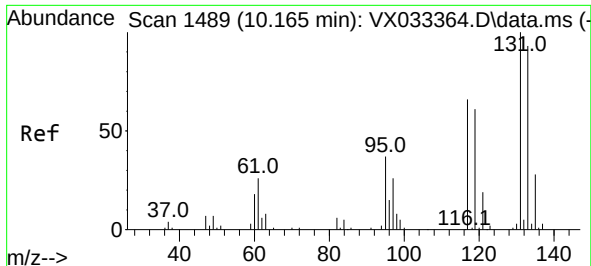
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#64
Chlorobenzene
Concen: 20.885 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

Tgt Ion:112 Resp: 75905
Ion Ratio Lower Upper
112 100
114 30.7 26.2 39.2





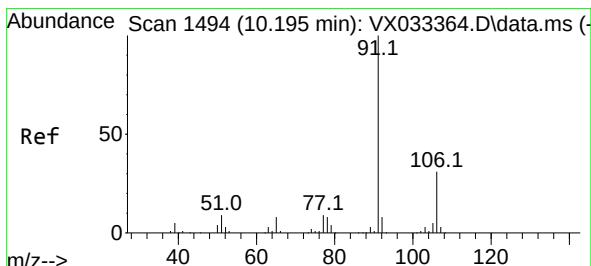
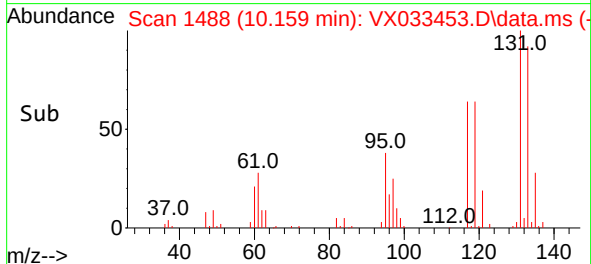
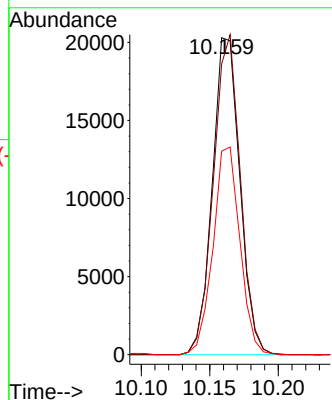
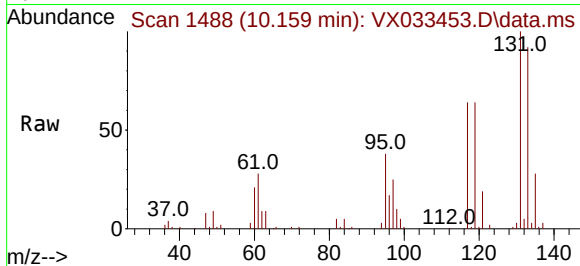
#65
1,1,1,2-Tetrachloroethane
Concen: 19.760 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tgt Ion:131 Resp: 28360
Ion Ratio Lower Upper
131 100
133 98.6 0.0 187.6
119 64.0 0.0 124.2

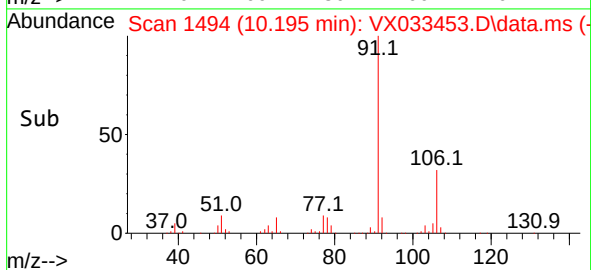
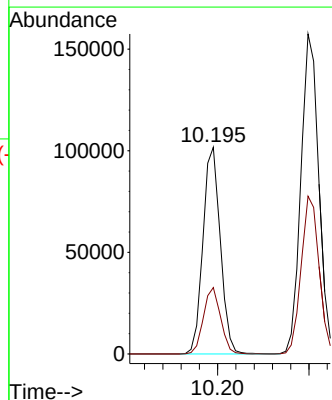
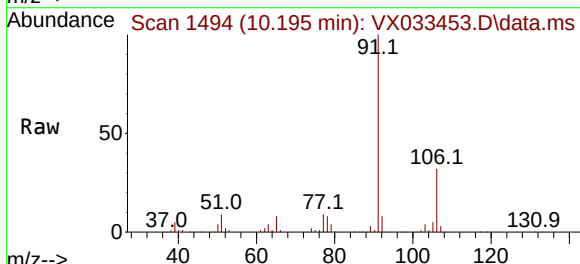
Manual Integrations
APPROVED

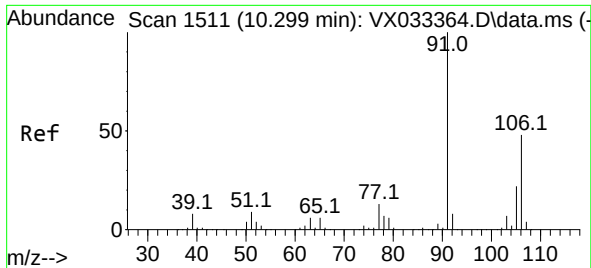
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#66
Ethyl Benzene
Concen: 20.691 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

Tgt Ion: 91 Resp: 133949
Ion Ratio Lower Upper
91 100
106 32.1 24.8 37.2





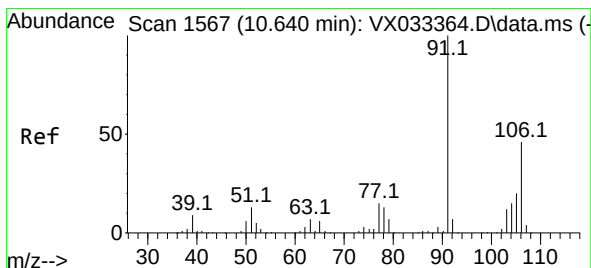
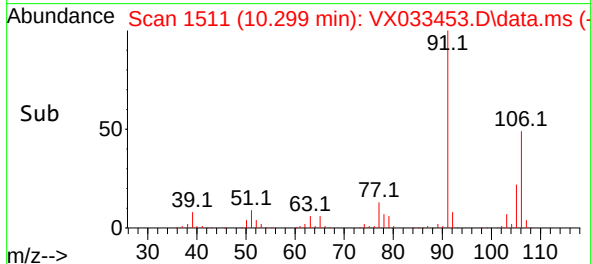
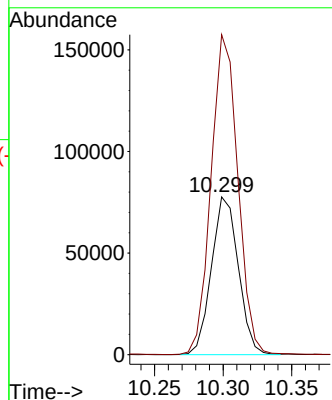
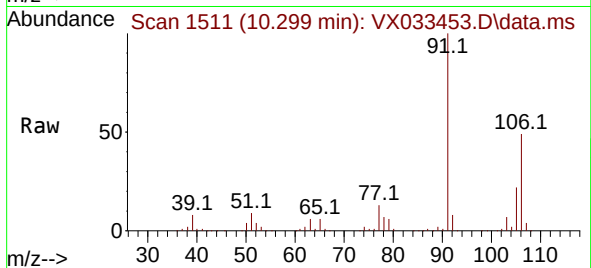
#67
m/p-Xylenes
Concen: 41.859 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tgt Ion:106 Resp: 10592
Ion Ratio Lower Upper
106 100
91 202.5 165.4 248.2

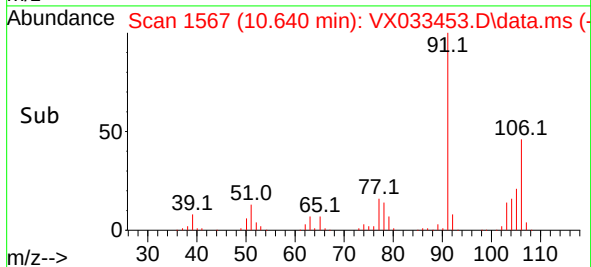
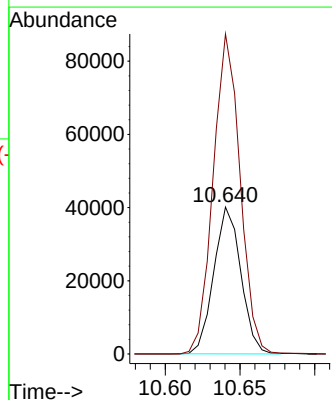
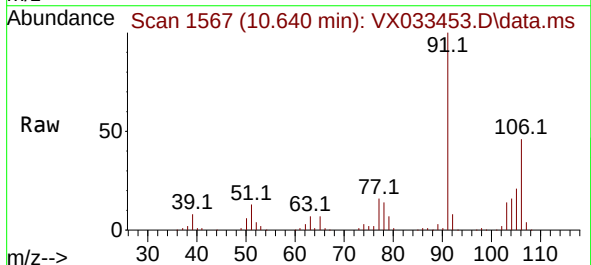
Manual Integrations
APPROVED

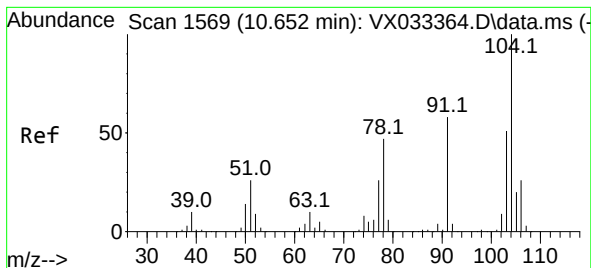
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#68
o-Xylene
Concen: 20.458 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

Tgt Ion:106 Resp: 50441
Ion Ratio Lower Upper
106 100
91 217.4 108.0 324.0





#69

Styrene

Concen: 20.783 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX033453.D

Acq: 16 Dec 2022 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

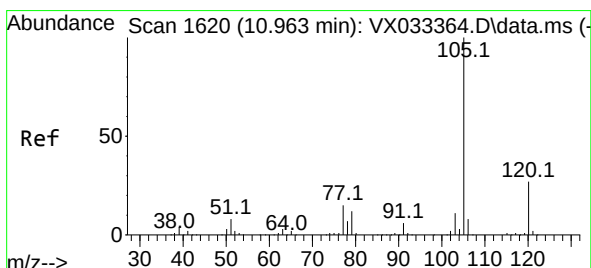
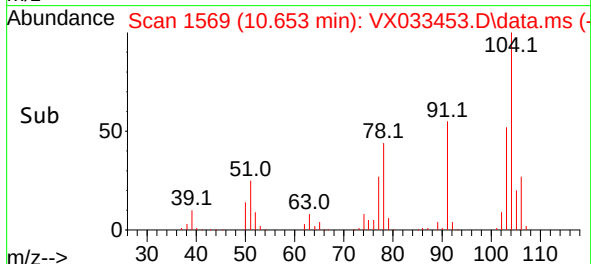
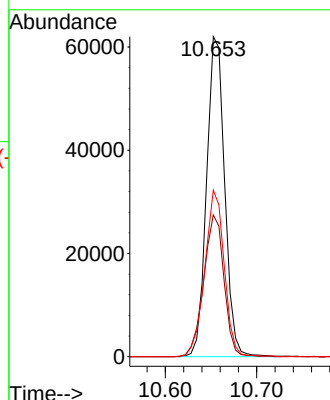
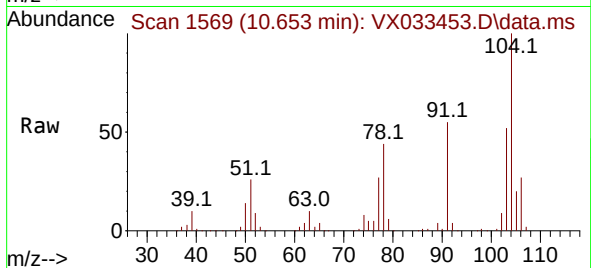
Tgt Ion:104	Resp:	8512
Ion Ratio	Lower	Upper
104	100	
78	49.6	40.0 60.0
103	55.9	43.9 65.9

Manual Integrations

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Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#70

Isopropylbenzene

Concen: 21.084 ug/l

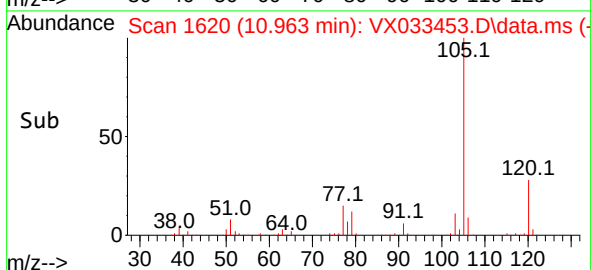
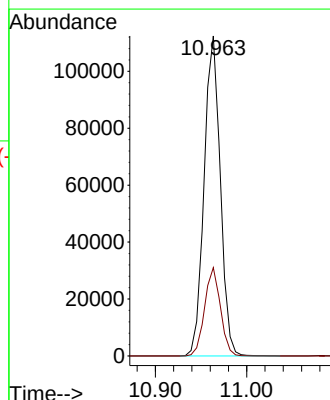
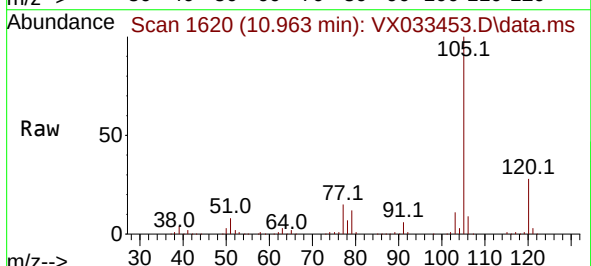
RT: 10.963 min Scan# 1620

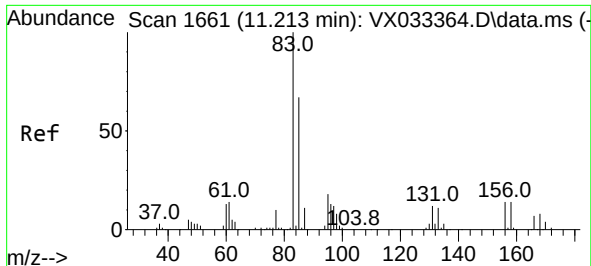
Delta R.T. 0.000 min

Lab File: VX033453.D

Acq: 16 Dec 2022 11:53

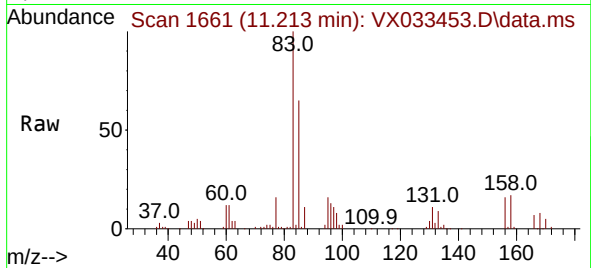
Tgt Ion:105	Resp:	137940
Ion Ratio	Lower	Upper
105	100	
120	26.9	18.1 33.7





#71
1,1,2,2-Tetrachloroethane
Concen: 22.352 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

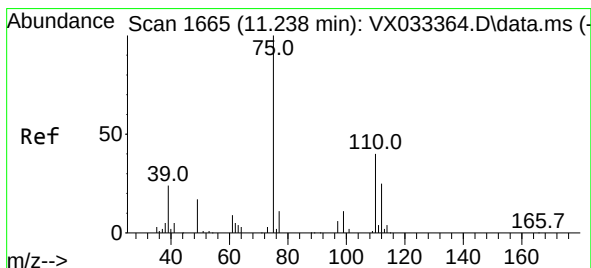
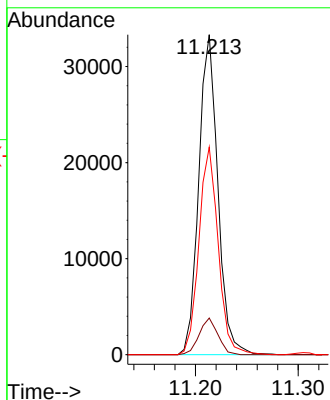
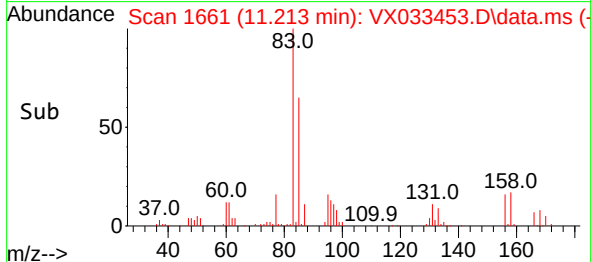
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01



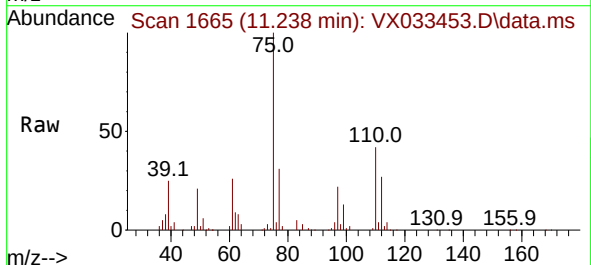
Tgt Ion: 83 Resp: 43249
Ion Ratio Lower Upper
83 100
131 11.2 5.4 16.2
85 65.4 32.6 97.7

Manual Integrations
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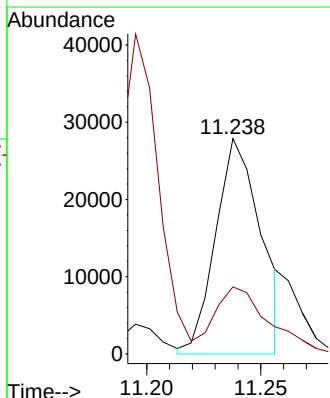
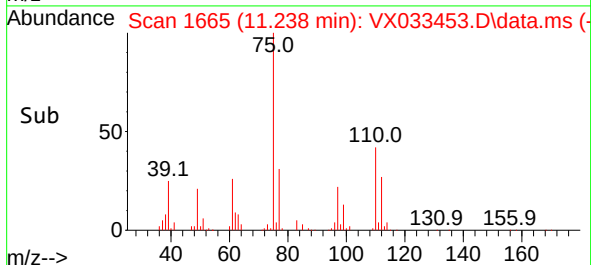
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

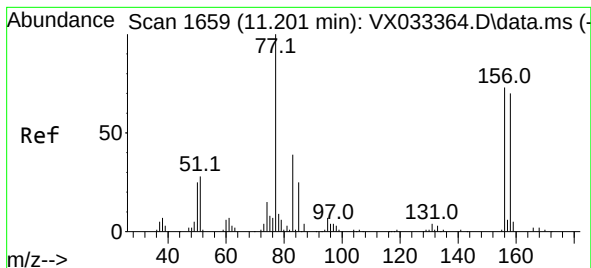


#72
1,2,3-Trichloropropane
Concen: 22.326 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53



Tgt Ion: 75 Resp: 38470
Ion Ratio Lower Upper
75 100
77 37.6 0.0 74.4





#73

Bromobenzene

Concen: 21.356 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX033453.D

Acq: 16 Dec 2022 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

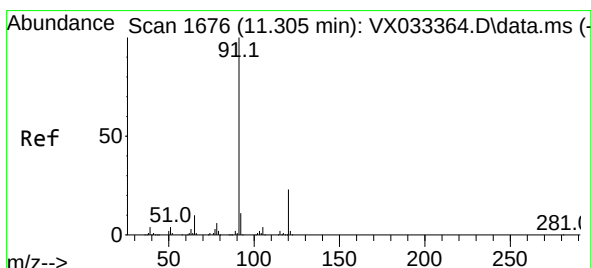
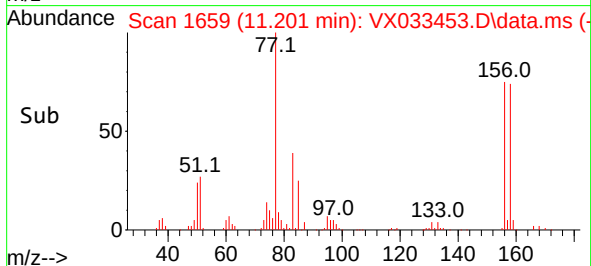
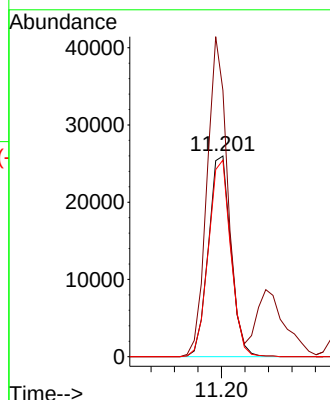
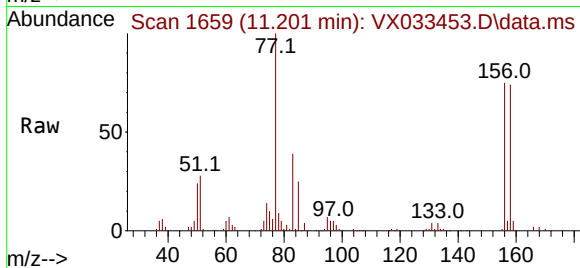
Tgt Ion:	156	Resp:	34570
Ion Ratio	Lower	Upper	
156	100		
77	145.9	0.0	298.6
158	97.0	0.0	193.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#74

n-propylbenzene

Concen: 21.426 ug/l

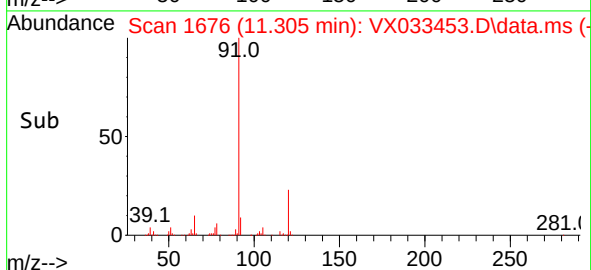
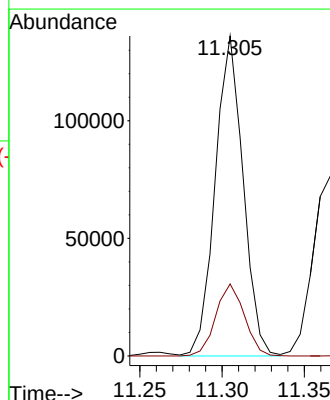
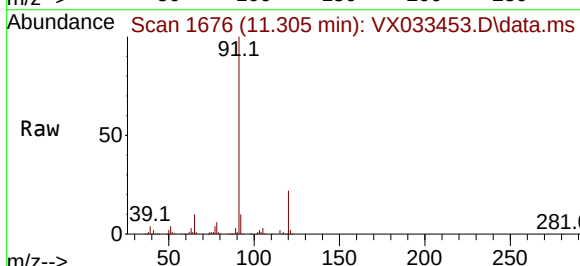
RT: 11.305 min Scan# 1676

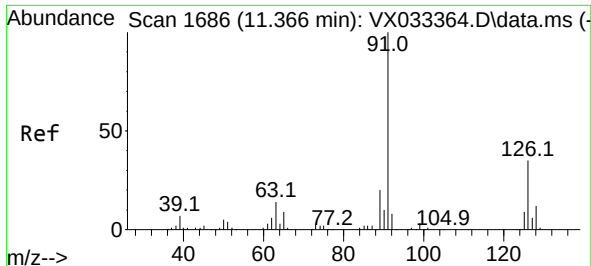
Delta R.T. 0.000 min

Lab File: VX033453.D

Acq: 16 Dec 2022 11:53

Tgt Ion:	91	Resp:	160636
Ion Ratio	Lower	Upper	
91	100		
120	23.0	0.0	46.4





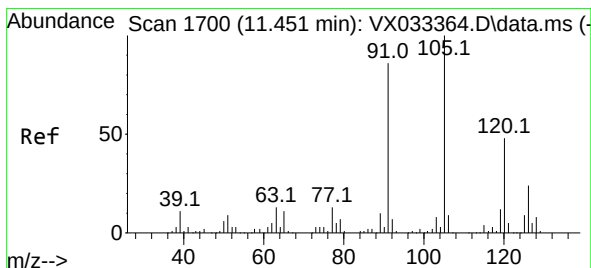
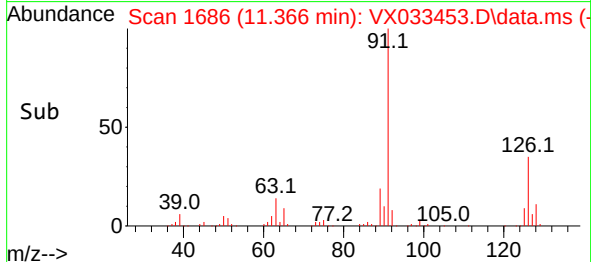
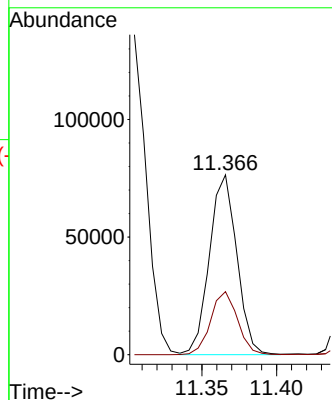
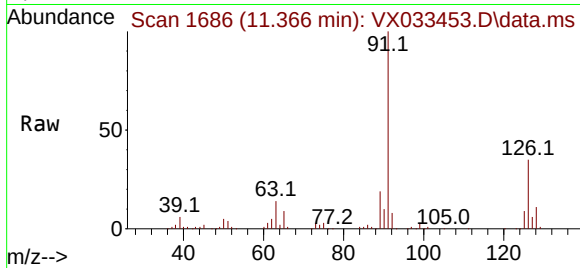
#75
2-Chlorotoluene
Concen: 21.645 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tgt Ion: 91 Resp: 97549
Ion Ratio Lower Upper
91 100
126 34.3 0.0 68.6

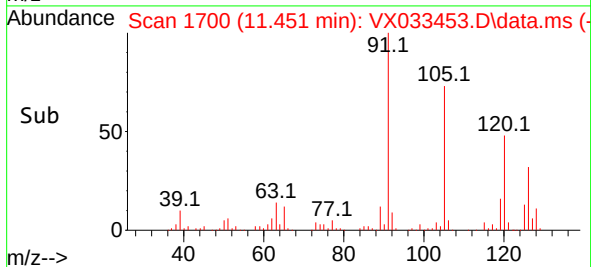
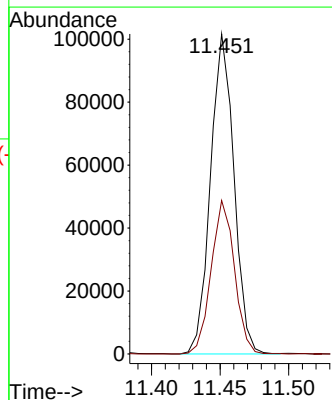
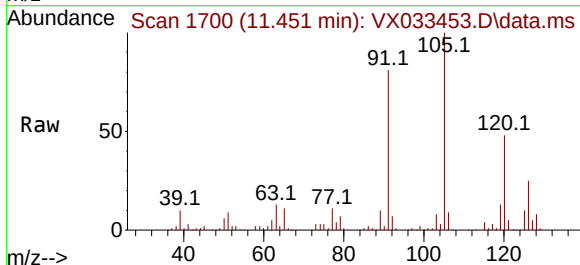
Manual Integrations
APPROVED

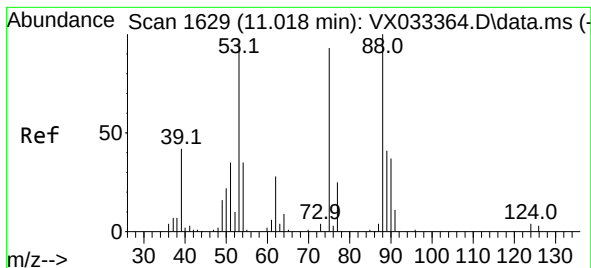
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#76
1,3,5-Trimethylbenzene
Concen: 21.980 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

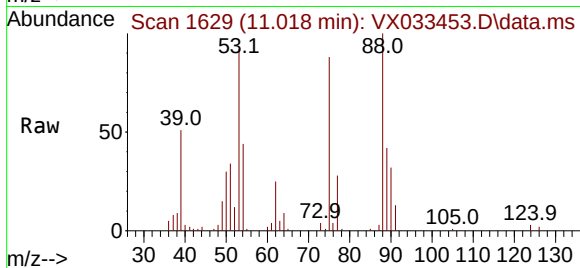
Tgt Ion:105 Resp: 120901
Ion Ratio Lower Upper
105 100
120 47.7 0.0 96.2





#77
t-1,4-Dichloro-2-butene
Concen: 18.655 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

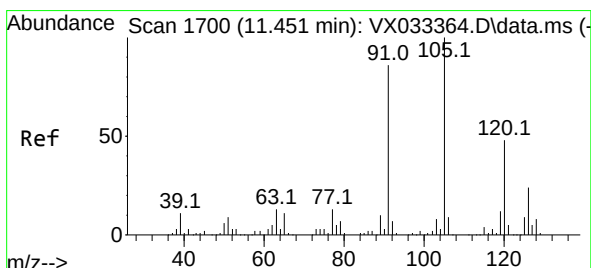
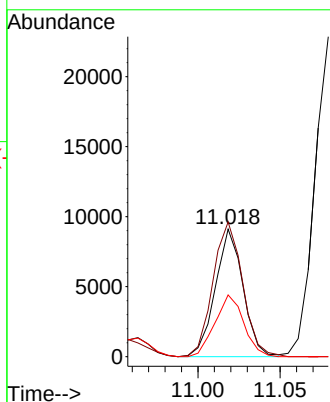
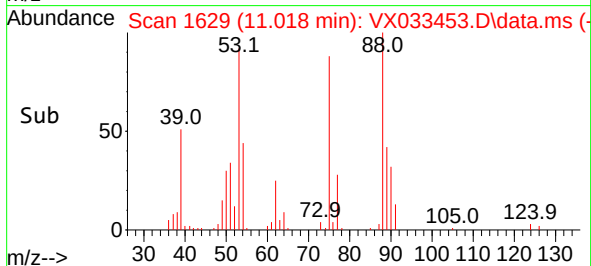
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01



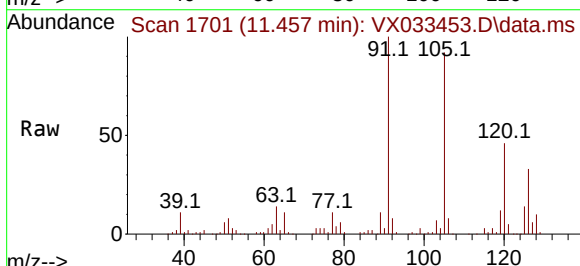
Tgt Ion: 75 Resp: 10688
Ion Ratio Lower Upper
75 100
53 105.6 51.4 154.3
89 48.5 22.2 66.6

Manual Integrations
APPROVED

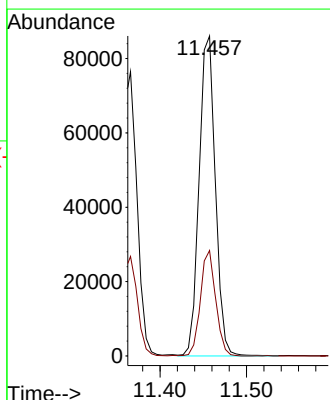
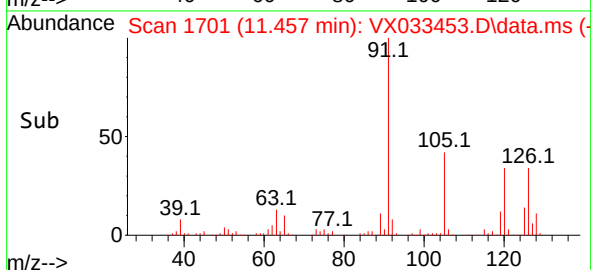
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

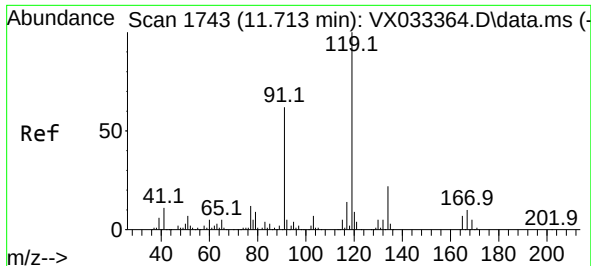


#78
4-Chlorotoluene
Concen: 21.726 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53



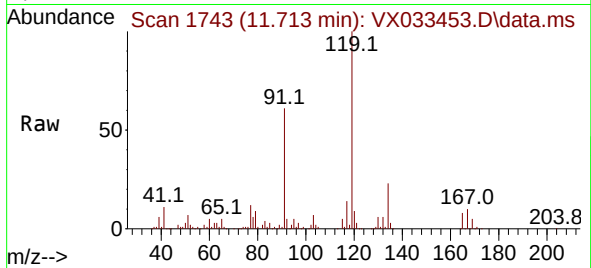
Tgt Ion: 91 Resp: 112202
Ion Ratio Lower Upper
91 100
126 30.9 0.0 59.4





#79
tert-butylbenzene
Concen: 21.030 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

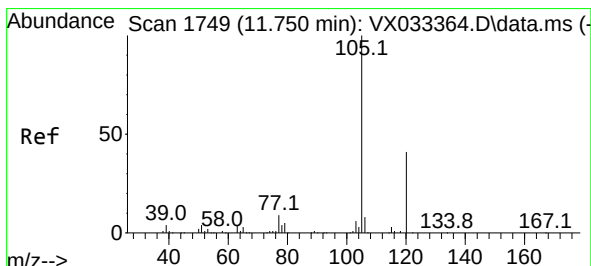
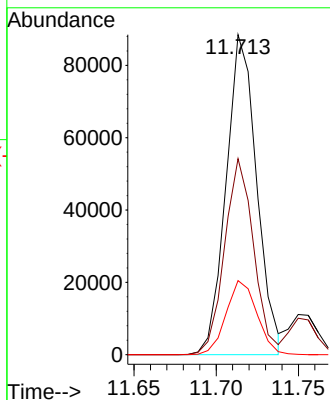
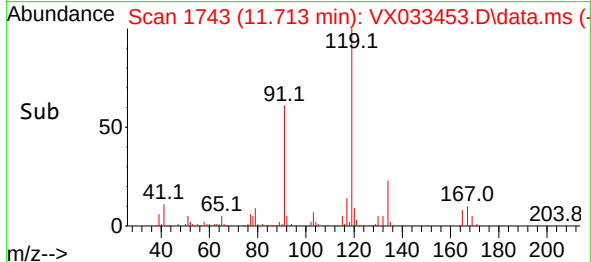
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01



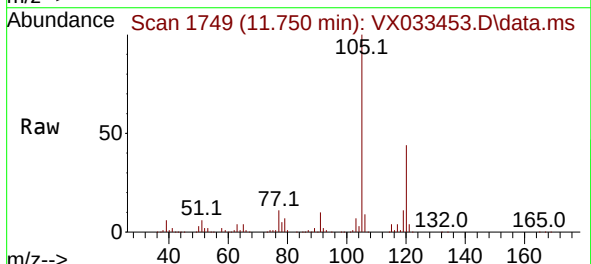
Tgt Ion:119 Resp: 114670
Ion Ratio Lower Upper
119 100
91 58.4 0.0 117.0
134 23.4 0.0 44.4

Manual Integrations
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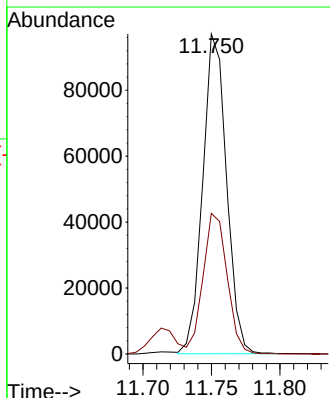
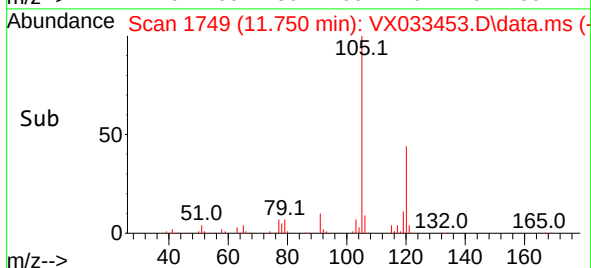
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

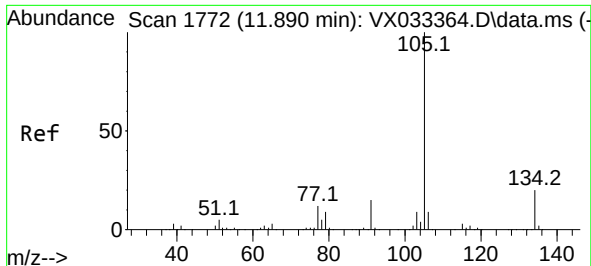


#80
1,2,4-Trimethylbenzene
Concen: 21.683 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53



Tgt Ion:105 Resp: 117235
Ion Ratio Lower Upper
105 100
120 44.4 0.0 86.8





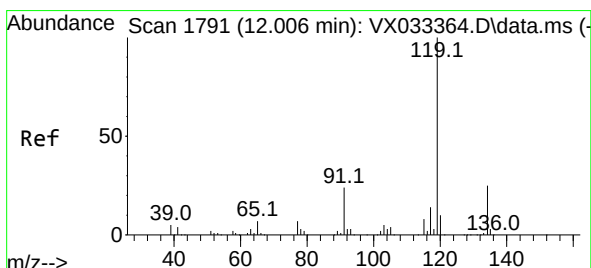
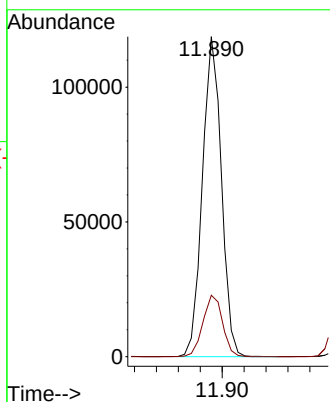
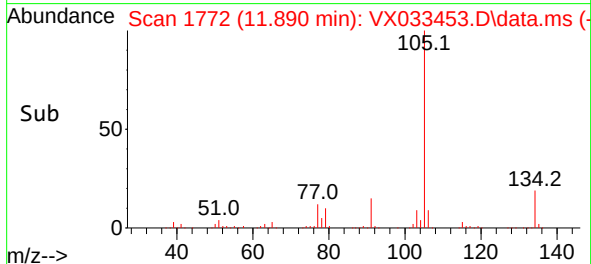
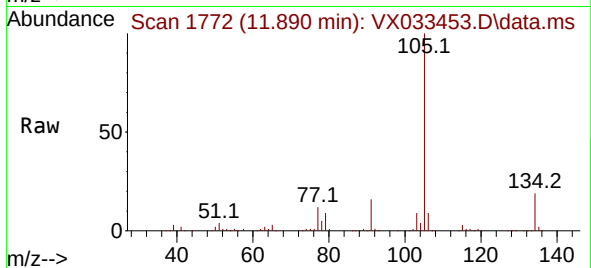
#81
sec-Butylbenzene
Concen: 21.768 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tgt Ion:105 Resp: 14264
Ion Ratio Lower Upper
105 100
134 19.8 0.0 39.8

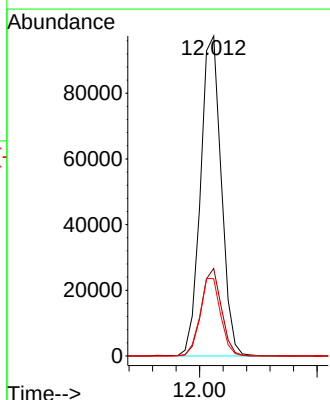
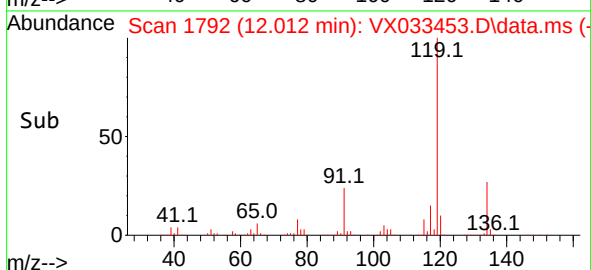
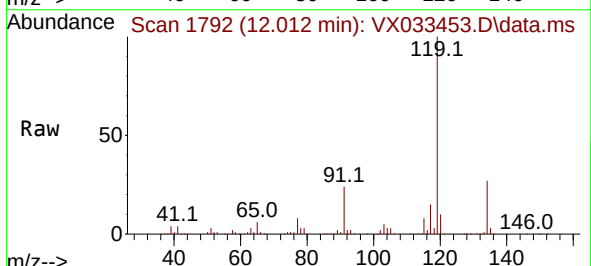
Manual Integrations
APPROVED

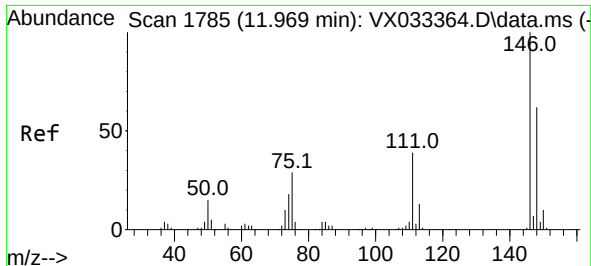
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#82
p-Isopropyltoluene
Concen: 21.390 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

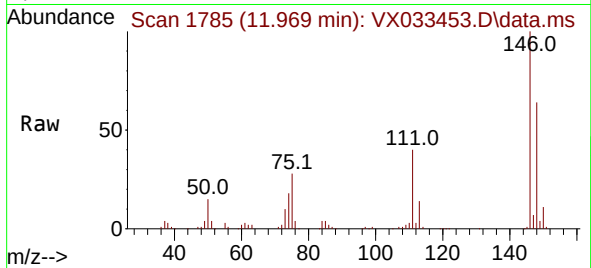
Tgt Ion:119 Resp: 119541
Ion Ratio Lower Upper
119 100
134 26.4 0.0 52.6
91 24.2 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 21.821 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

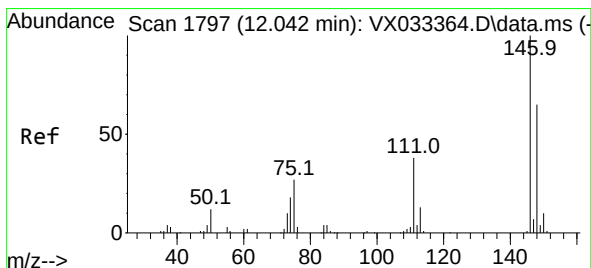
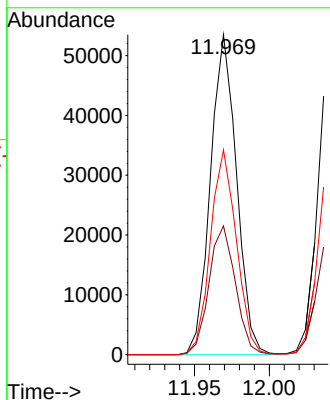
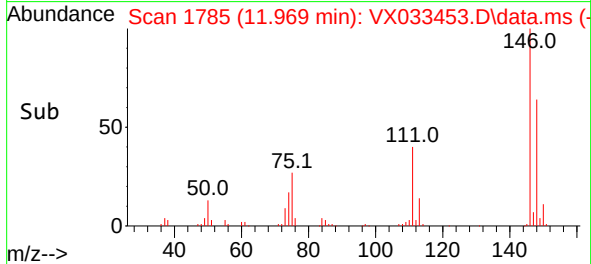
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01



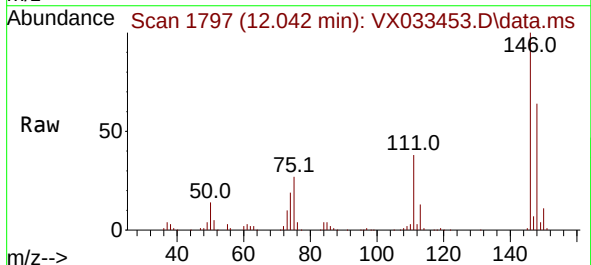
Tgt Ion:146 Resp: 65019
Ion Ratio Lower Upper
146 100
111 40.9 20.1 60.3
148 63.8 31.3 93.9

Manual Integrations
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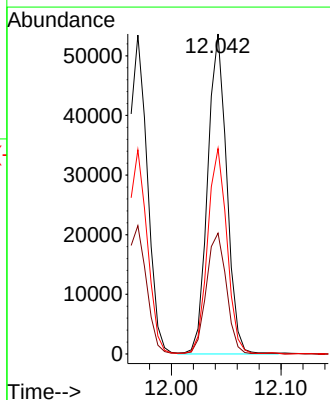
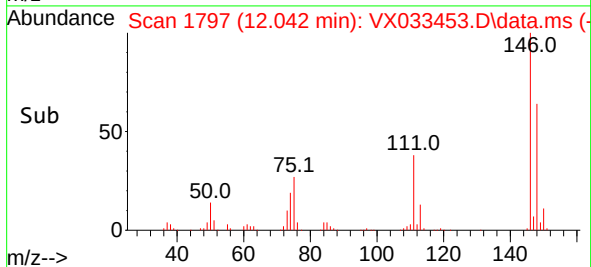
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

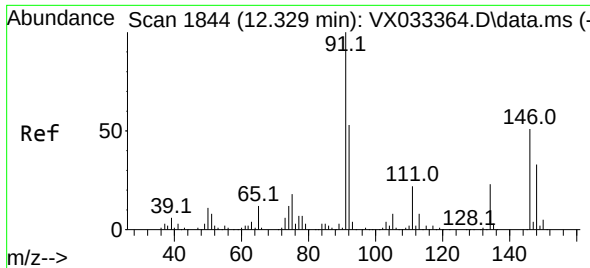


#84
1,4-Dichlorobenzene
Concen: 21.654 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53



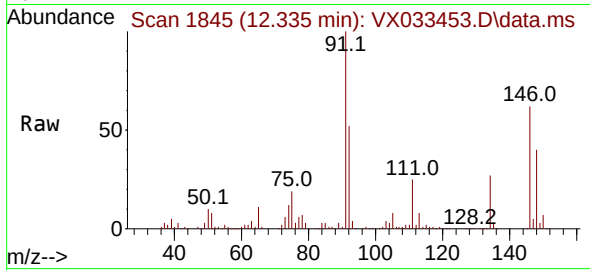
Tgt Ion:146 Resp: 64939
Ion Ratio Lower Upper
146 100
111 39.7 19.1 57.1
148 64.9 32.2 96.6





#85
n-Butylbenzene
Concen: 21.510 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

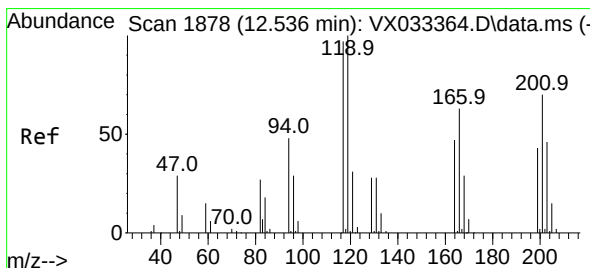
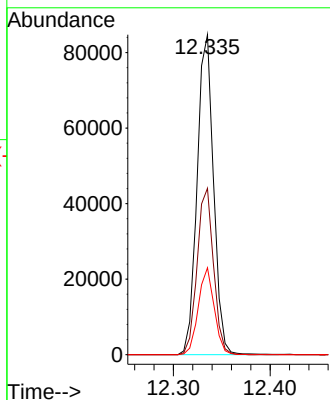
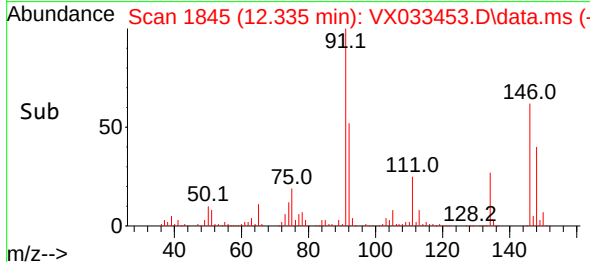
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01



Tgt Ion: 91 Resp: 10034
Ion Ratio Lower Upper
91 100
92 51.8 0.0 106.8
134 26.3 0.0 51.8

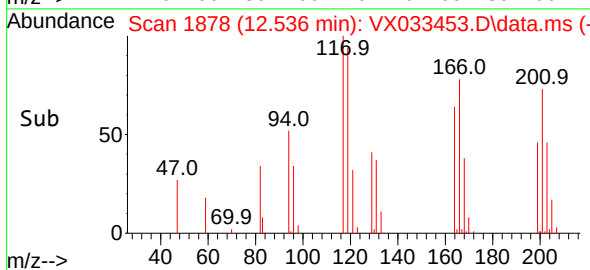
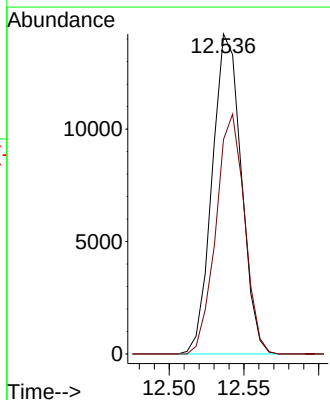
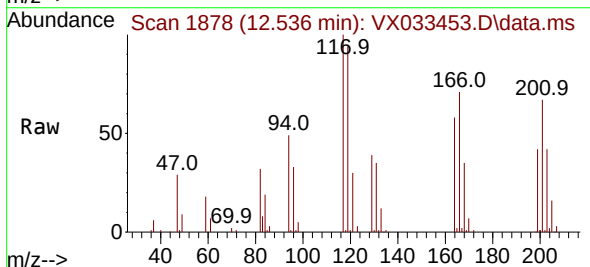
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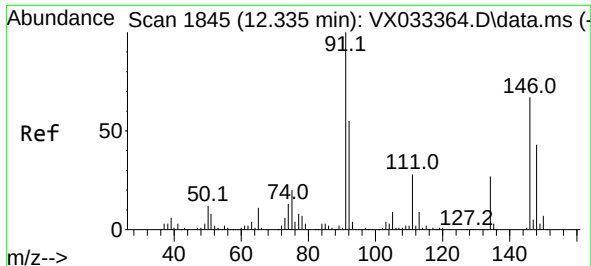
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#86
Hexachloroethane
Concen: 19.425 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

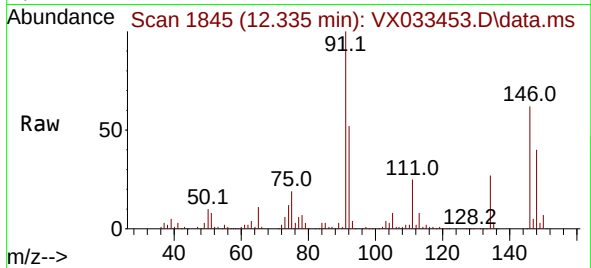
Tgt Ion:117 Resp: 19268
Ion Ratio Lower Upper
117 100
201 73.7 40.4 121.2





#87
1,2-Dichlorobenzene
Concen: 22.015 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

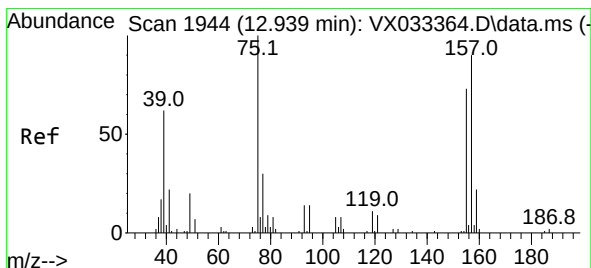
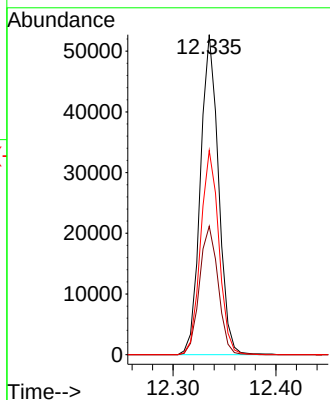
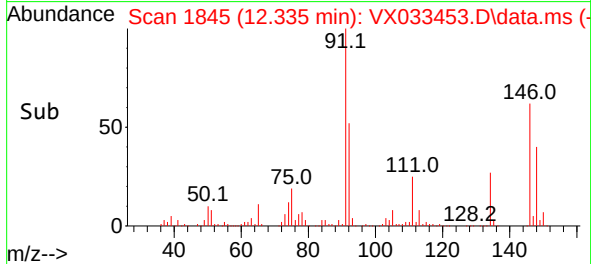
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01



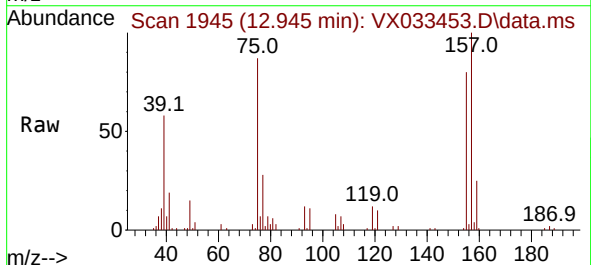
Tgt Ion:146 Resp: 6463
Ion Ratio Lower Upper
146 100
111 41.4 20.9 62.8
148 64.5 31.9 95.5

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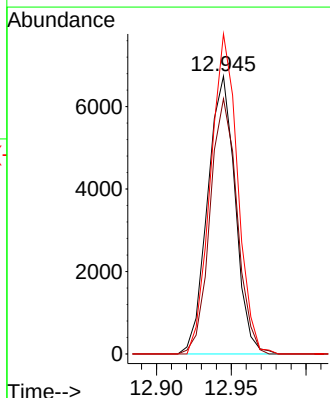
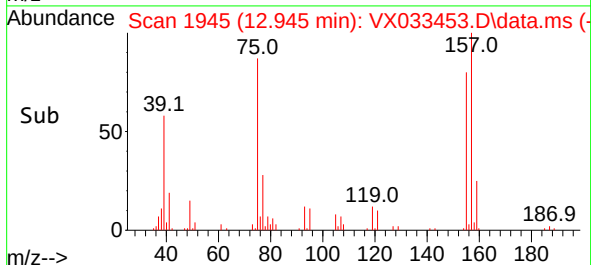
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

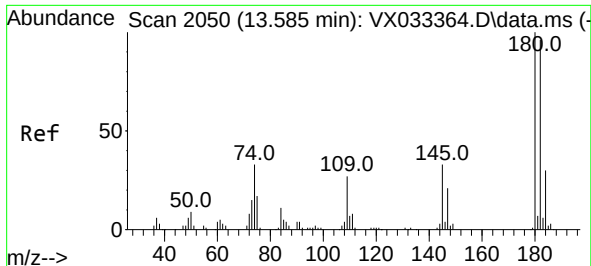


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.476 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53



Tgt Ion: 75 Resp: 8632
Ion Ratio Lower Upper
75 100
155 90.0 69.6 104.4
157 113.0 84.8 127.2





#89

1,2,4-Trichlorobenzene

Concen: 21.179 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX033453.D

Acq: 16 Dec 2022 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

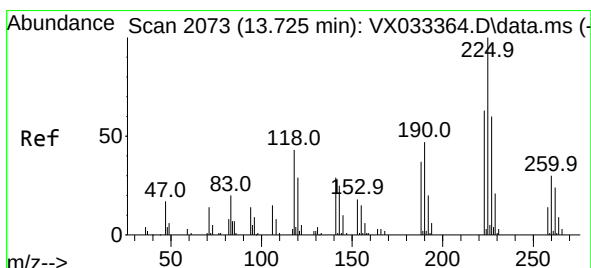
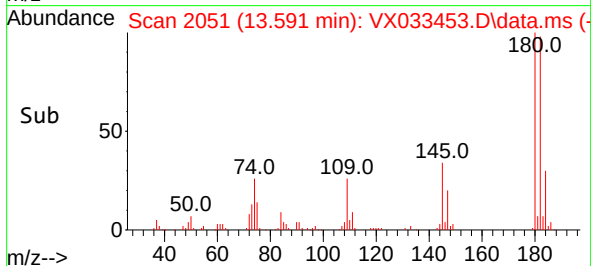
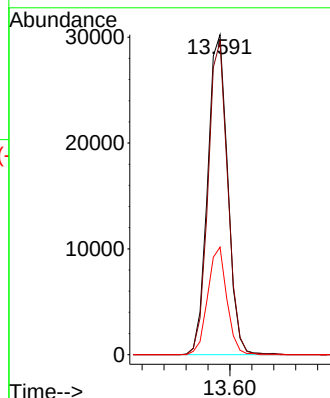
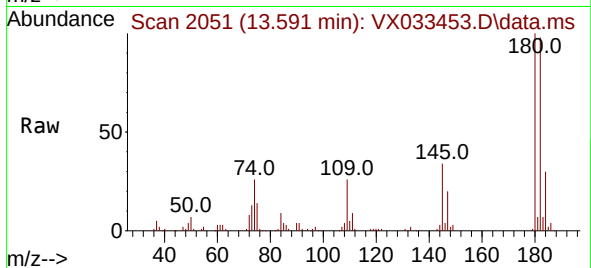
Tgt Ion:180	Resp:	38409
Ion Ratio	Lower	Upper
180	100	
182	95.7	78.4 117.6
145	32.0	25.4 38.2

Manual Integrations

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Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#90

Hexachlorobutadiene

Concen: 22.310 ug/l

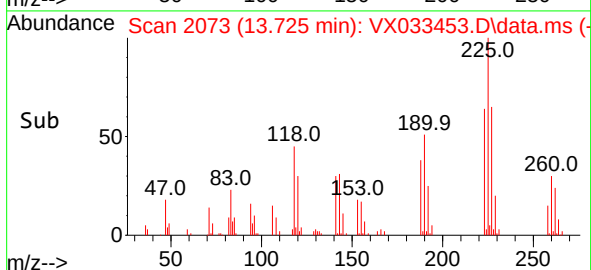
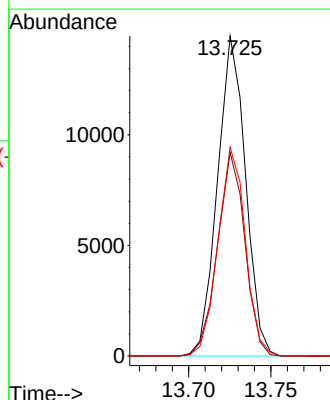
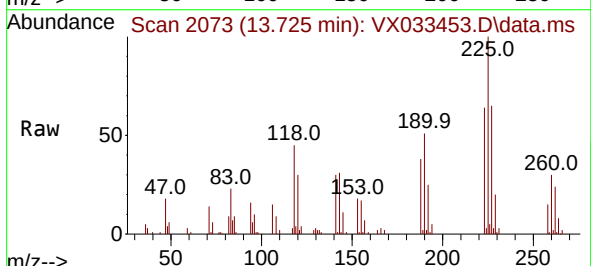
RT: 13.725 min Scan# 2073

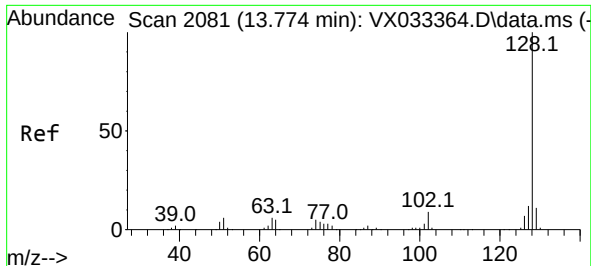
Delta R.T. 0.000 min

Lab File: VX033453.D

Acq: 16 Dec 2022 11:53

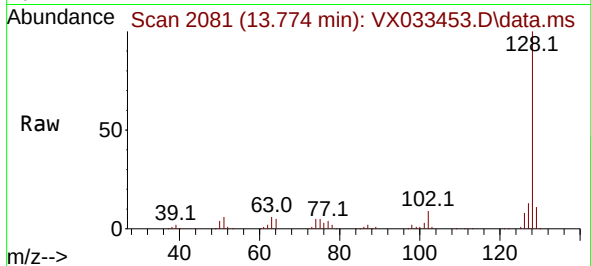
Tgt Ion:225	Resp:	17168
Ion Ratio	Lower	Upper
225	100	
223	61.9	0.0 125.6
227	63.7	0.0 125.4





#91
Naphthalene
Concen: 21.864 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

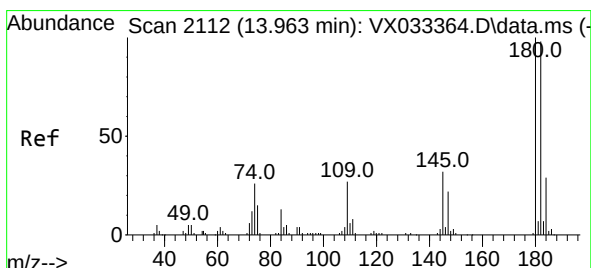
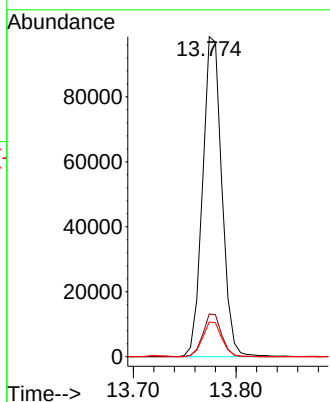
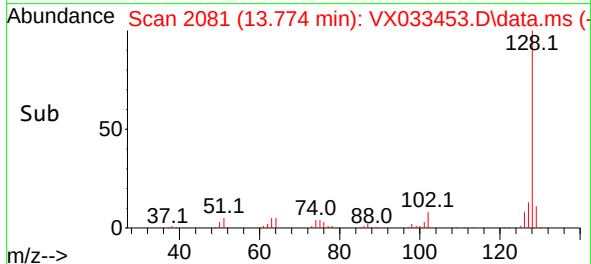
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01



Tgt Ion:128 Resp: 12833
Ion Ratio Lower Upper
128 100
127 12.9 9.9 14.9
129 10.8 8.8 13.2

Manual Integrations
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Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#92
1,2,3-Trichlorobenzene
Concen: 22.159 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033453.D
Acq: 16 Dec 2022 11:53

Tgt Ion:180 Resp: 40245
Ion Ratio Lower Upper
180 100
182 94.2 0.0 194.2
145 32.7 0.0 68.0

