

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040623\
 Data File : VX034959.D
 Acq On : 06 Apr 2023 17:04
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/07/2023
 Supervised By : Mahesh Dadoda 04/07/2023

Quant Time: Apr 07 03:20:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	27362	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	196820	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	213291	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	85688	32.593	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 108.633%			
60) 4-Bromofluorobenzene	11.079	95	127110	29.825	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.400%			
63) Toluene-d8	8.647	98	215004	29.662	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.867%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	60781	23.421	ug/l	99
3) Chloromethane	1.295	50	66130	19.652	ug/l	96
4) Vinyl Chloride	1.374	62	63590	19.154	ug/l	99
5) Bromomethane	1.612	94	30272	13.862	ug/l	95
6) Chloroethane	1.691	64	38092	17.630	ug/l	96
7) Trichlorofluoromethane	1.886	101	91776	17.354	ug/l	99
8) Diethyl Ether	2.130	74	35006	18.387	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	54868	20.450	ug/l	99
10) 1,1-Dichloroethene	2.319	96	49671	18.289	ug/l	93
11) Methyl Iodide	2.453	142	40894	11.824	ug/l	99
12) Methyl Acetate	2.703	43	117868	19.597	ug/l	99
13) Acrolein	2.239	56	57557	82.523	ug/l	98
14) Acrylonitrile	3.062	53	159033	96.023	ug/l	100
15) Acetone	2.386	58	49869	110.910	ug/l	92
16) Carbon Disulfide	2.514	76	111756	16.087	ug/l	100
17) Allyl chloride	2.666	41	96025	18.271	ug/l	97
18) Methylene Chloride	2.788	84	59233	18.514	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	55055	18.525	ug/l	92
20) Diisopropyl ether	3.757	45	202707	18.827	ug/l	96
21) 1,1-Dichloroethane	3.605	63	106763	18.544	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	62760	18.132	ug/l	97
23) tert-Butyl Alcohol	2.983	59	67758m	90.929	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	189342	18.761	ug/l	98
25) Chloroform	5.093	83	110986	18.953	ug/l	98
26) Cyclohexane	5.464	56	93908	18.614	ug/l #	98
29) 1,1-Dichloropropene	5.690	75	80761	17.841	ug/l	98
30) 2-Butanone	4.556	43	240148	95.125	ug/l	99
31) 2,2-Dichloropropane	4.471	77	81390	17.729	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	95390	17.962	ug/l	100
33) Carbon Tetrachloride	5.678	117	77685	17.724	ug/l	98
34) Benzene	6.038	78	230424	17.516	ug/l	98
35) Methacrylonitrile	4.922	41	51392	18.599	ug/l	96
36) 1,2-Dichloroethane	6.086	62	94776	18.375	ug/l	99
37) Trichloroethene	7.129	130	60070	17.942	ug/l	97
38) Methylcyclohexane	7.379	83	87152	17.622	ug/l	96
39) 1,2-Dichloropropane	7.428	63	57992	16.959	ug/l	99
40) Dibromomethane	7.580	93	41398	17.624	ug/l	99
41) Bromodichloromethane	7.824	83	76832	17.365	ug/l	98
42) Vinyl Acetate	3.721	43	728337	88.433	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	87779	17.928	ug/l	100
44) Isopropyl Acetate	6.336	43	142149	17.150	ug/l	99
45) 1,4-Dioxane	7.690	88	30499	371.413	ug/l	92
46) Methyl methacrylate	7.690	41	73344	18.161	ug/l	93
47) n-amyl Acetate	10.842	43	116905	16.223	ug/l	97
48) t-1,3-Dichloropropene	8.976	75	76142	15.795	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	87580	16.536	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	58991	18.026	ug/l	96
51) Ethyl methacrylate	9.116	69	90124	16.968	ug/l	100
52) 1,3-Dichloropropane	9.305	76	102797	17.782	ug/l	98
53) Dibromochloromethane	9.519	129	54076	16.704	ug/l	97
54) 1,2-Dibromoethane	9.610	107	61039	17.437	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	272248	97.403	ug/l	99
56) Bromoform	10.799	173	33911	15.192	ug/l	95
58) 4-Methyl-2-Pentanone	8.574	43	453473	92.729	ug/l	100
59) 2-Hexanone	9.427	43	343185	93.207	ug/l	99
61) Tetrachloroethene	9.275	164	52628	18.312	ug/l	98
62) Toluene	8.720	91	249881	17.917	ug/l	99
64) Chlorobenzene	10.080	112	152061	17.705	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	53541	17.438	ug/l	99
66) Ethyl Benzene	10.195	91	282557	18.190	ug/l	99
67) m/p-Xylenes	10.299	106	214040	36.214	ug/l	99
68) o-Xylene	10.640	106	103430	17.696	ug/l	95
69) Styrene	10.653	104	171992	17.849	ug/l	98
70) Isopropylbenzene	10.964	105	273170	18.058	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	87814	17.661	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	75689m	16.722	ug/l	
73) Bromobenzene	11.195	156	64645	17.794	ug/l	96
74) n-propylbenzene	11.305	91	319336	18.134	ug/l	99
75) 2-Chlorotoluene	11.366	91	201302	18.337	ug/l	97
76) 1,3,5-Trimethylbenzene	11.451	105	227613	17.875	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	17906	12.881	ug/l	89
78) 4-Chlorotoluene	11.451	91	223781	17.781	ug/l	100
79) tert-butylbenzene	11.713	119	215484	17.727	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	229274	18.119	ug/l	98
81) sec-Butylbenzene	11.890	105	260637	17.695	ug/l	99
82) p-Isopropyltoluene	12.006	119	219215	17.637	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	119537	17.424	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	119107	17.288	ug/l	98
85) n-Butylbenzene	12.335	91	184317	17.206	ug/l	100
86) Hexachloroethane	12.536	117	30659	15.060	ug/l	96
87) 1,2-Dichlorobenzene	12.335	146	116407	17.340	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.939	75	18426	16.958	ug/l	92
89) 1,2,4-Trichlorobenzene	13.585	180	68899	17.109	ug/l	98
90) Hexachlorobutadiene	13.725	225	29417	18.941	ug/l	97
91) Naphthalene	13.774	128	247344	17.384	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	68726	17.071	ug/l	98

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

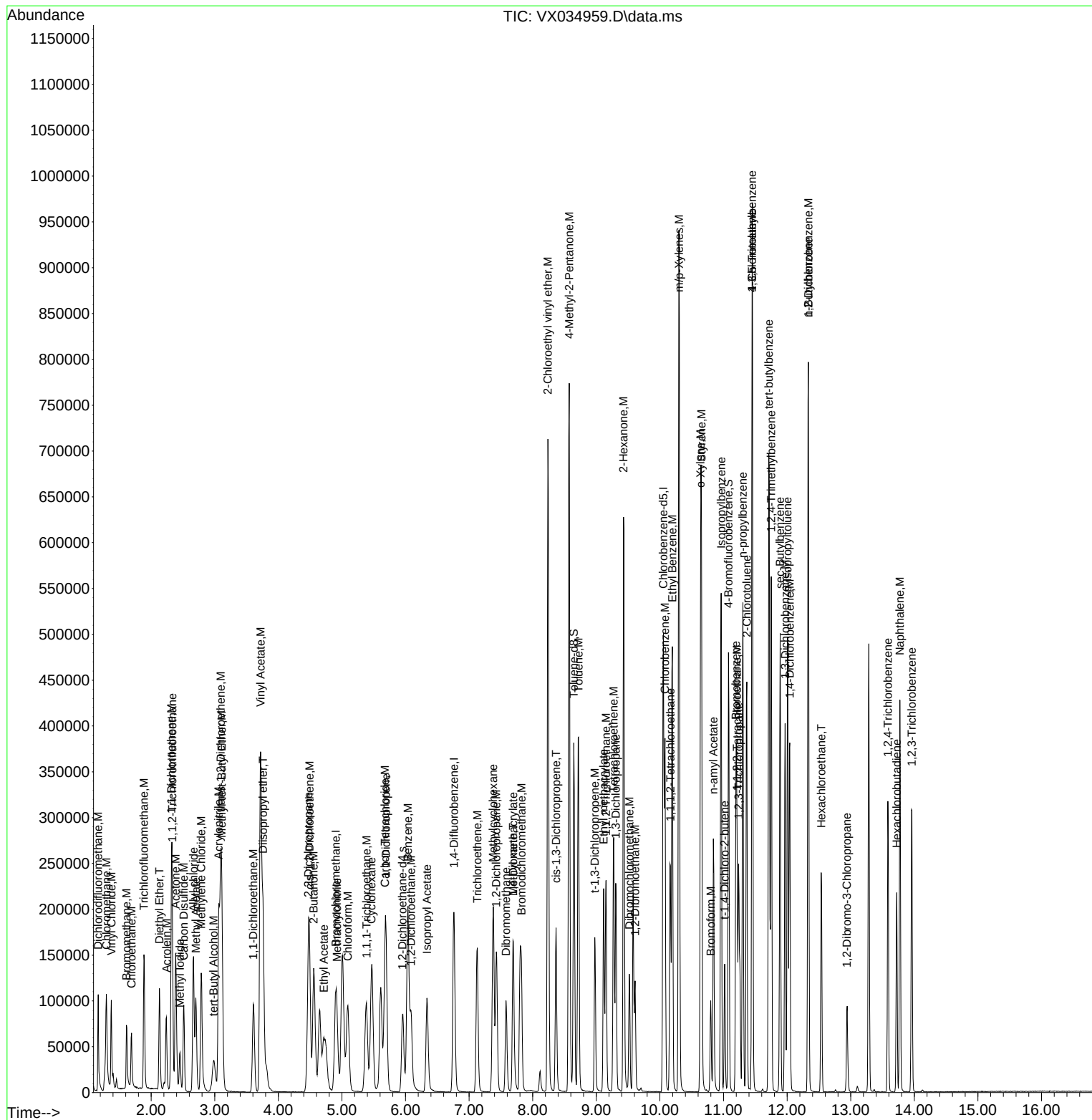
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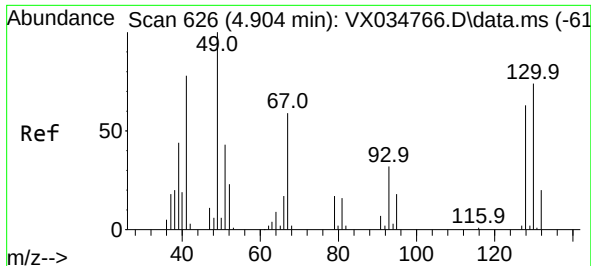
Instrument :
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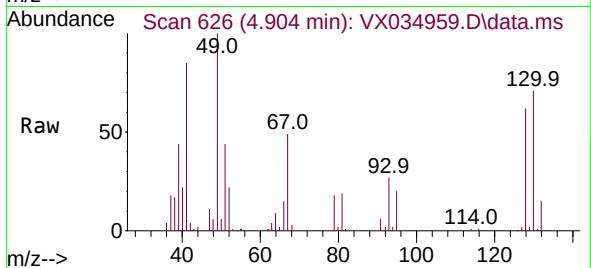
Reviewed By : John Carlone 04/07/2023
 Supervised By : Mahesh Dadoda 04/07/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX034959.D
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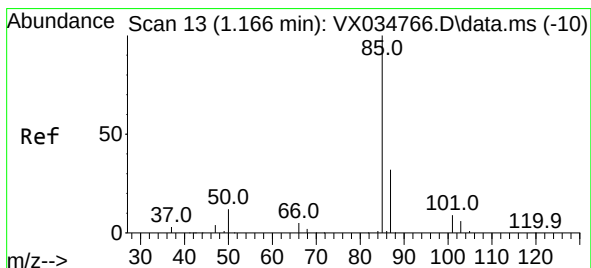
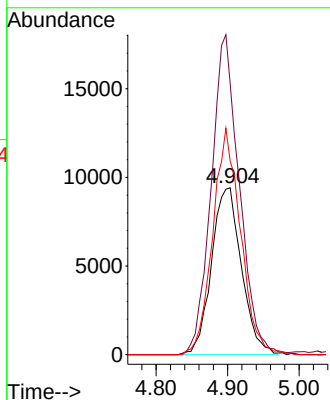
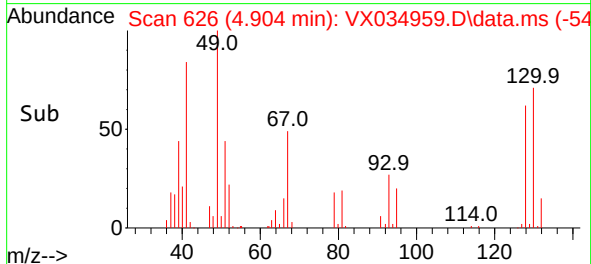
Instrument :
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ClientSampleId :
VSTDCCC020EC



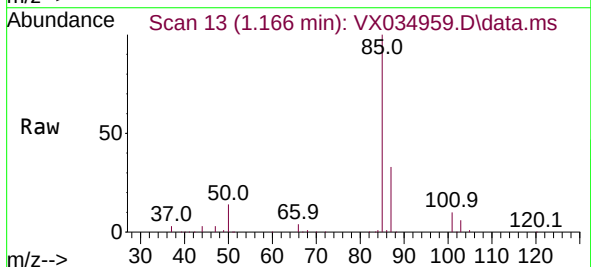
Tgt Ion:128 Resp: 27362
Ion Ratio Lower Upper
128 100
49 180.3 0.0 428.8
130 126.4 0.0 310.8

Manual Integrations
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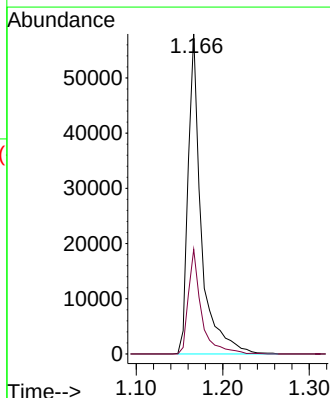
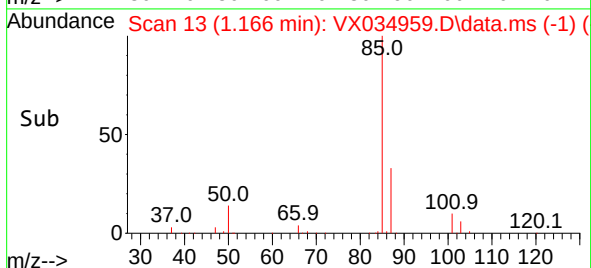
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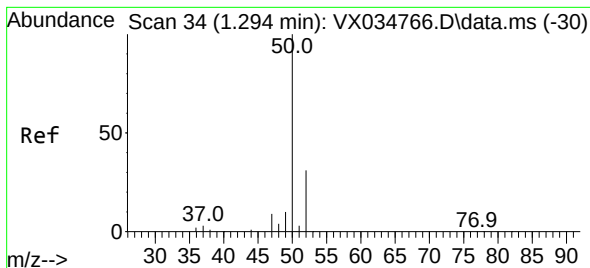


#2
Dichlorodifluoromethane
Concen: 23.421 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04



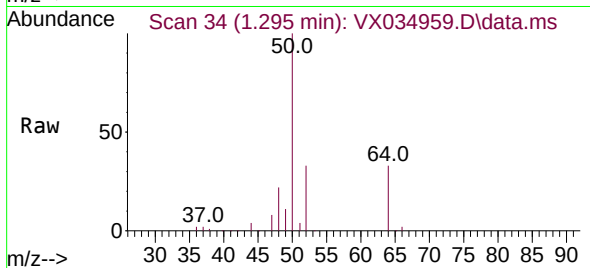
Tgt Ion: 85 Resp: 60781
Ion Ratio Lower Upper
85 100
87 32.7 16.0 48.0





#3
Chloromethane
Concen: 19.652 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

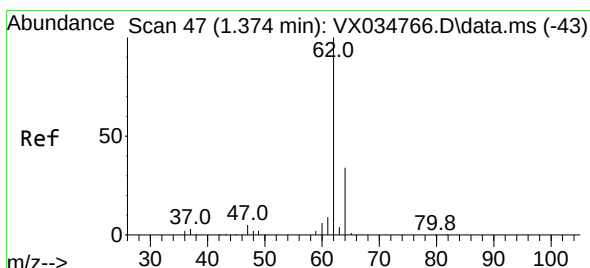
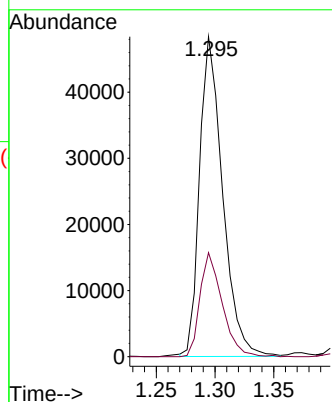
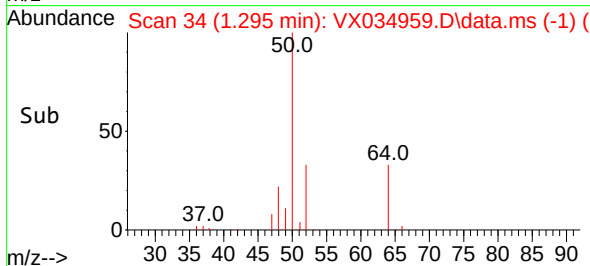
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Tgt Ion: 50 Resp: 66130
Ion Ratio Lower Upper
50 100
52 32.6 24.6 36.8

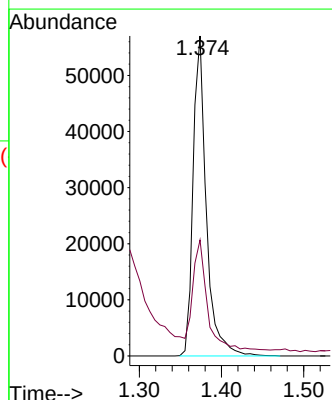
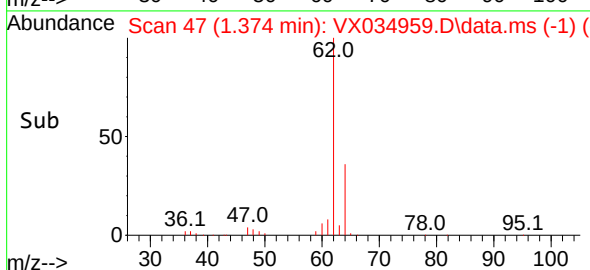
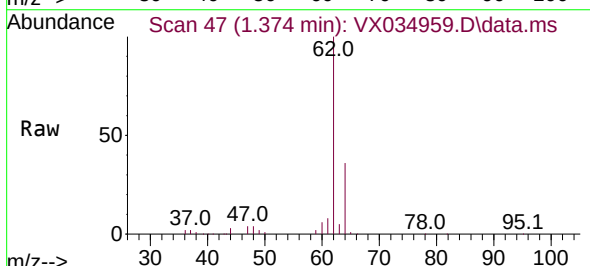
Manual Integrations
APPROVED

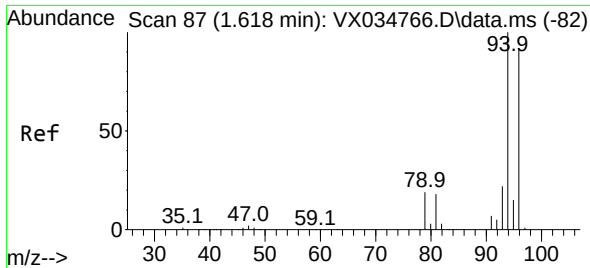
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#4
Vinyl Chloride
Concen: 19.154 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

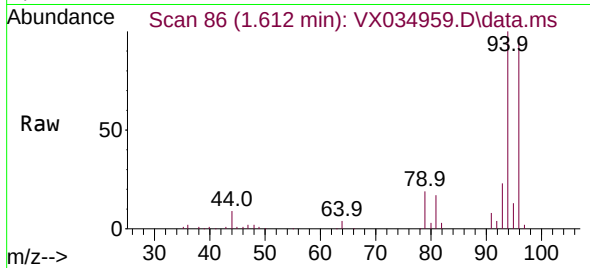
Tgt Ion: 62 Resp: 63590
Ion Ratio Lower Upper
62 100
64 34.3 26.9 40.3





#5
Bromomethane
Concen: 13.862 ug/l
RT: 1.612 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

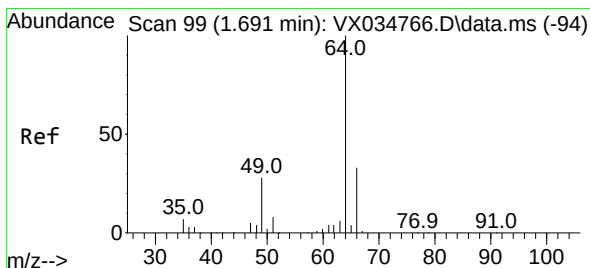
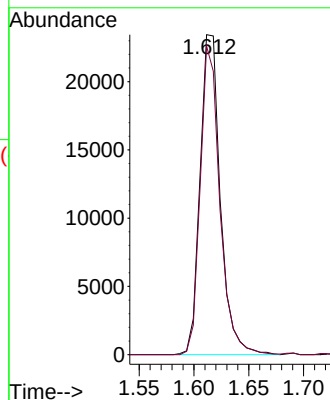
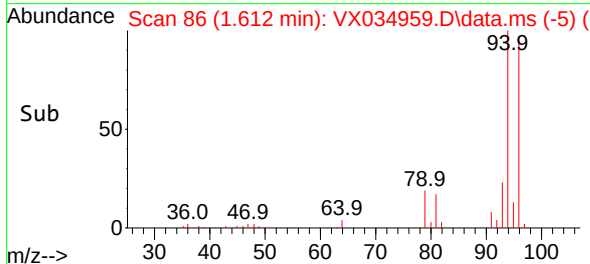
Instrument :
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Tgt Ion: 94 Resp: 30272
Ion Ratio Lower Upper
94 100
96 96.4 73.4 110.0

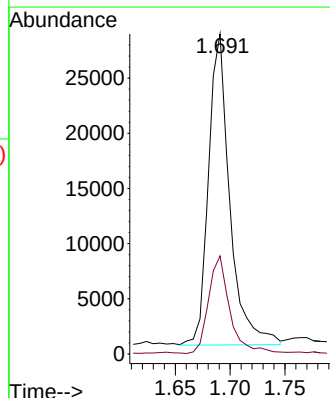
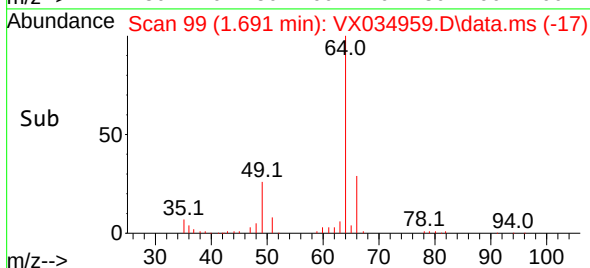
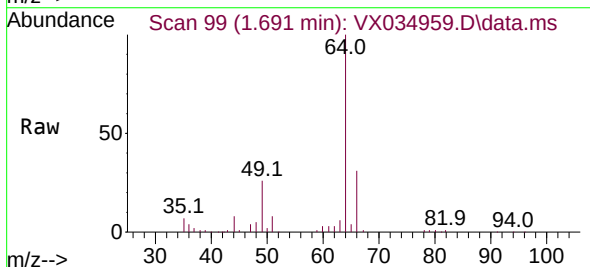
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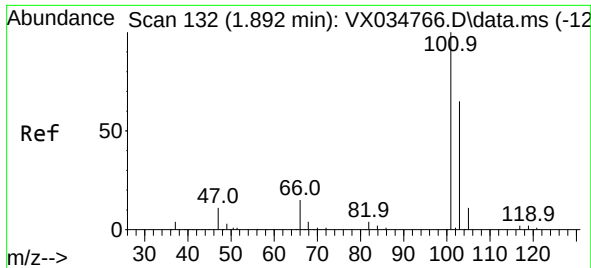
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#6
Chloroethane
Concen: 17.630 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

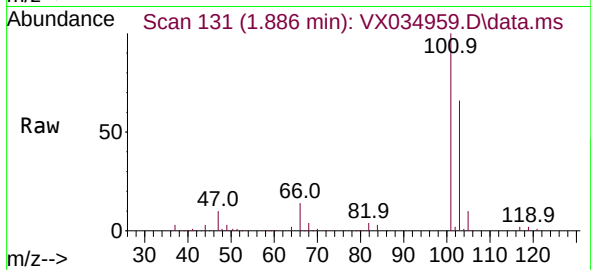
Tgt Ion: 64 Resp: 38092
Ion Ratio Lower Upper
64 100
66 31.2 26.6 40.0





#7
 Trichlorofluoromethane
 Concen: 17.354 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX034959.D
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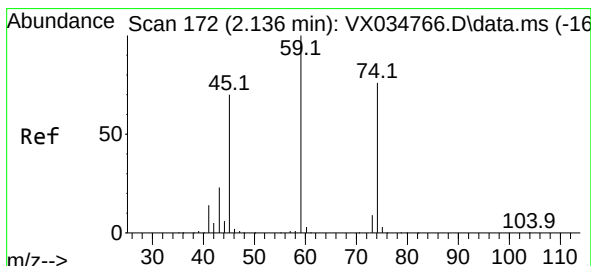
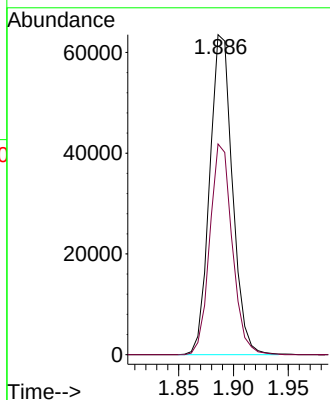
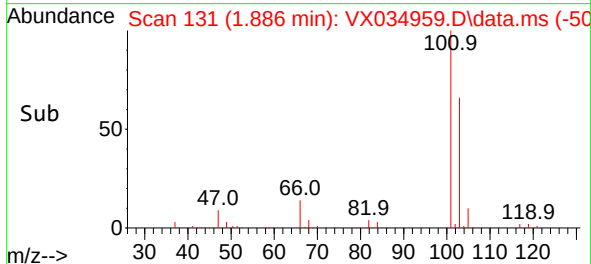
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Tgt Ion:101 Resp: 91770
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.1 78.1

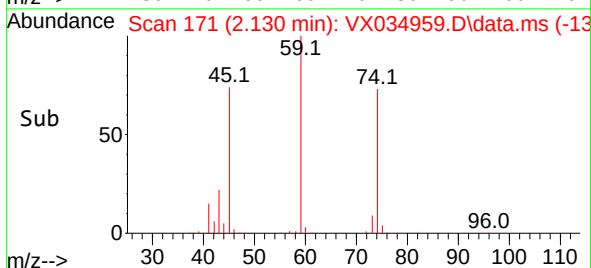
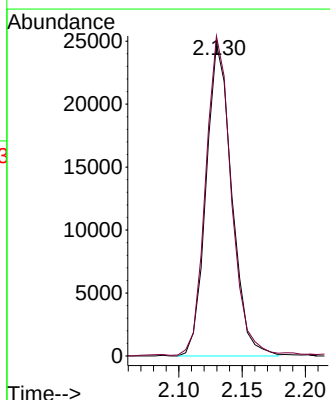
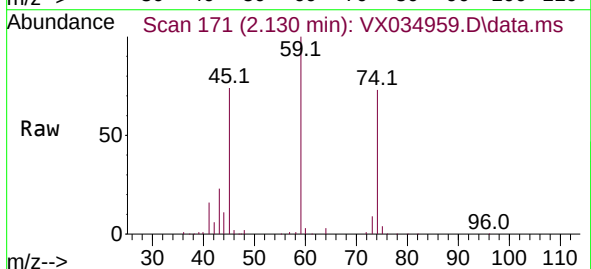
Manual Integrations
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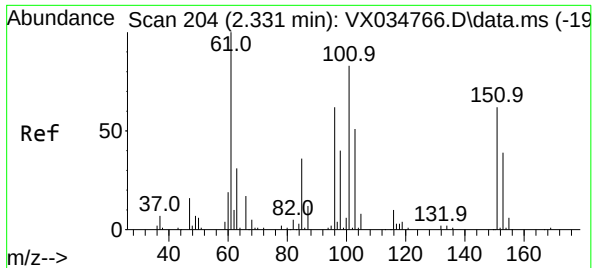
Reviewed By :John Carlone 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023



#8
 Diethyl Ether
 Concen: 18.387 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 35006
 Ion Ratio Lower Upper
 74 100
 45 102.7 20.5 184.5





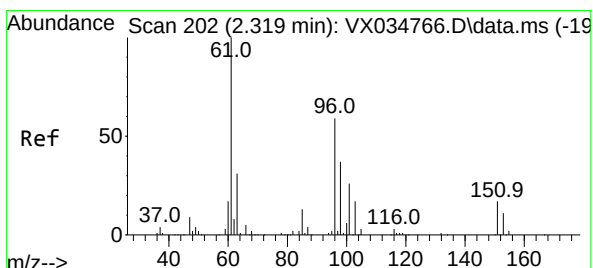
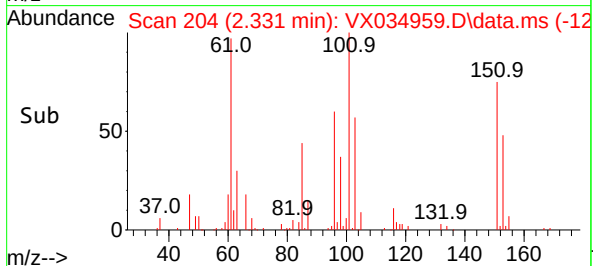
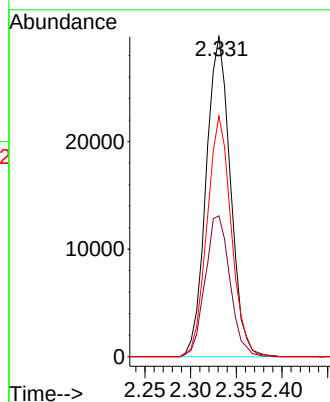
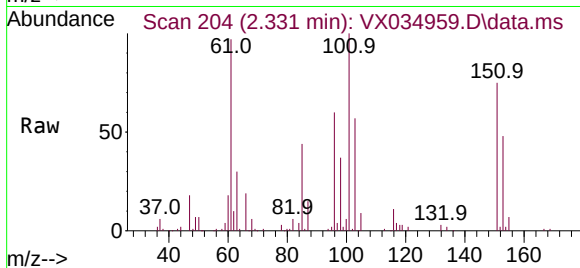
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1,1,2-Trichlorotrifluoroethane
Concen: 20.450 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX034959.D
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Tgt Ion:101 Resp: 5486
Ion Ratio Lower Upper
101 100
85 45.0 0.0 88.8
151 74.9 0.0 147.6

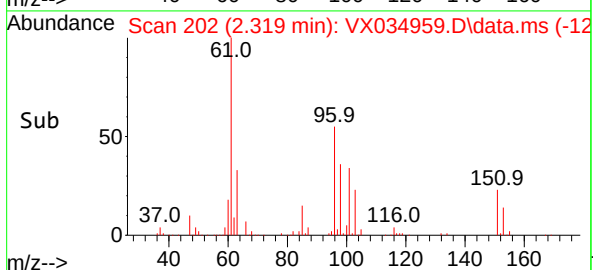
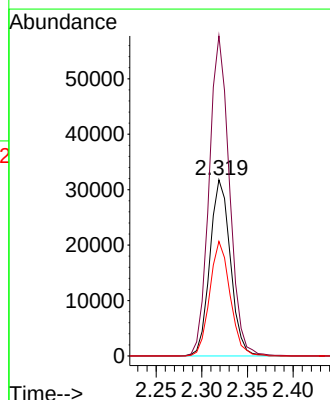
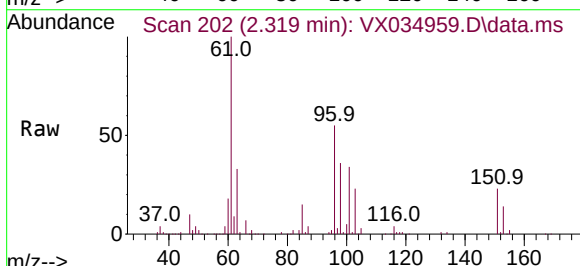
Manual Integrations
APPROVED

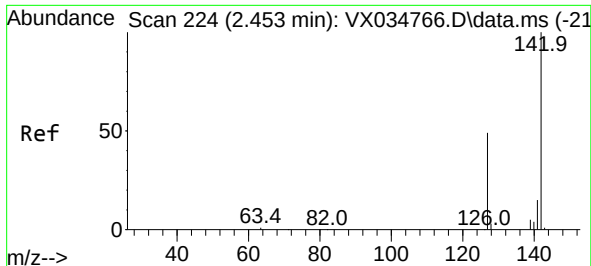
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#10
1,1-Dichloroethene
Concen: 18.289 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

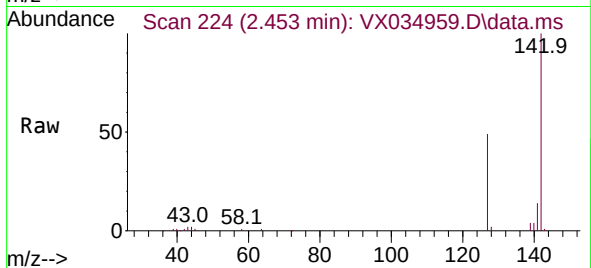
Tgt Ion: 96 Resp: 49671
Ion Ratio Lower Upper
96 100
61 181.7 135.8 203.6
98 65.1 49.8 74.6





#11
Methyl Iodide
Concen: 11.824 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

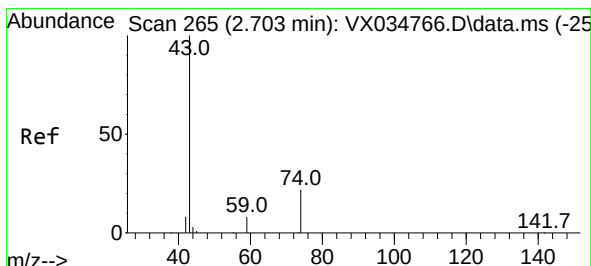
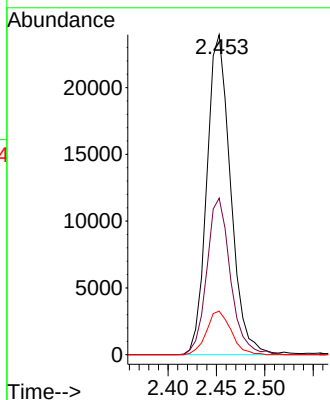
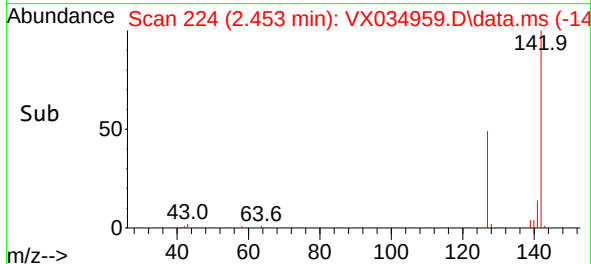
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 40894
Ion Ratio Lower Upper
142 100
127 48.8 24.5 73.5
141 13.7 7.6 22.8

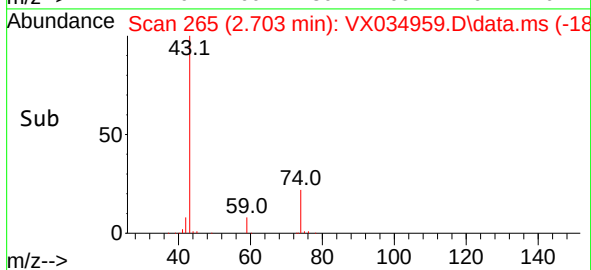
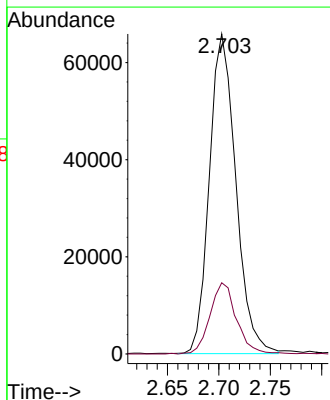
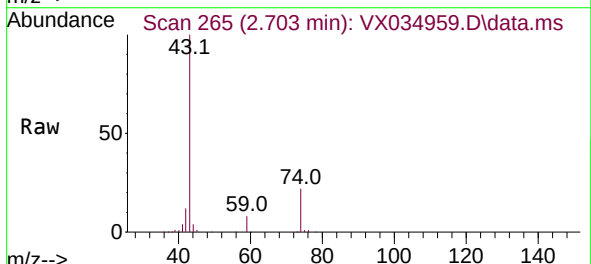
Manual Integrations
APPROVED

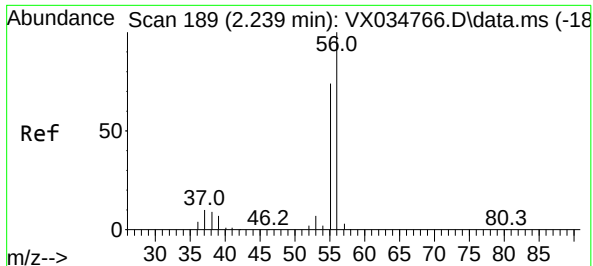
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#12
Methyl Acetate
Concen: 19.597 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

Tgt Ion: 43 Resp: 117868
Ion Ratio Lower Upper
43 100
74 22.2 18.0 27.0





#13
Acrolein
Concen: 82.523 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

Instrument :

MSVOA_X

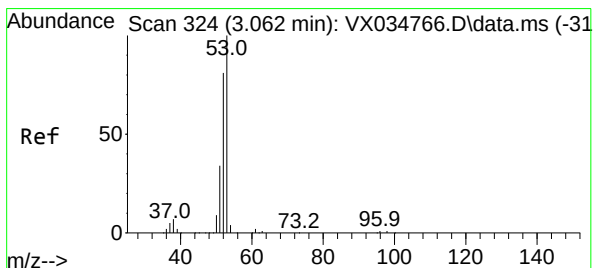
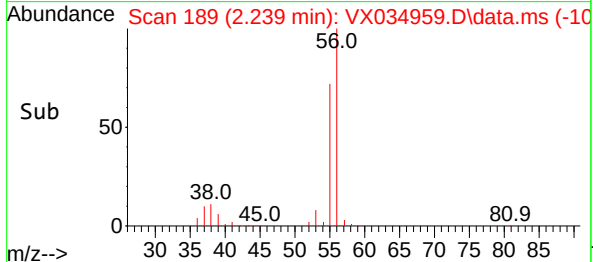
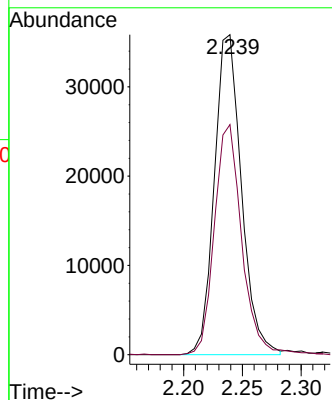
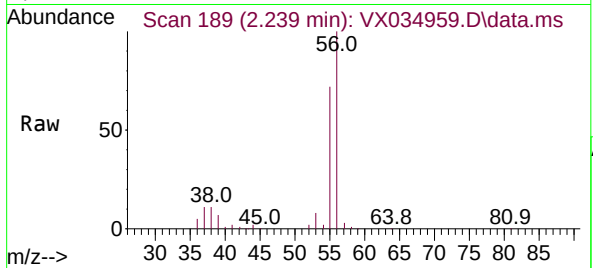
ClientSampleId :

VSTDCCC020EC

Tgt Ion: 56 Resp: 5755
Ion Ratio Lower Upper
56 100
55 72.7 56.6 85.0

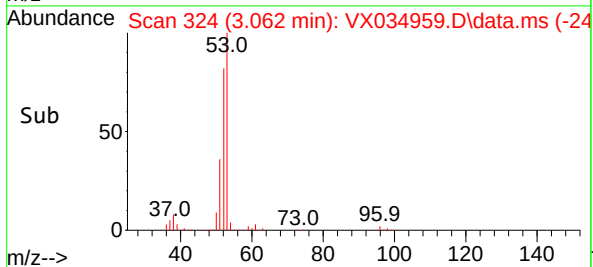
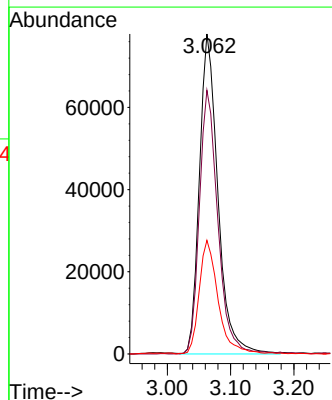
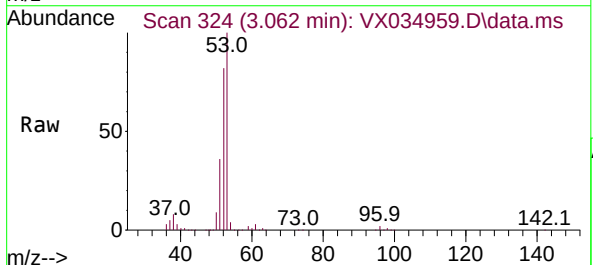
Manual Integrations
APPROVED

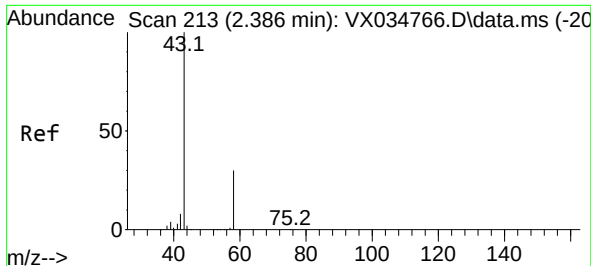
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#14
Acrylonitrile
Concen: 96.023 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

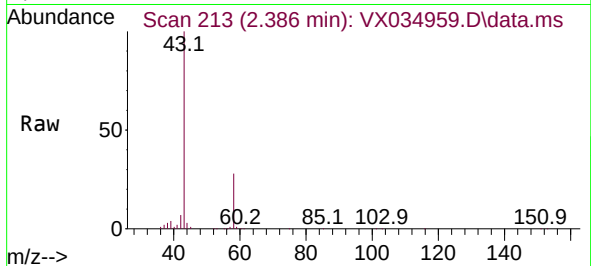
Tgt Ion: 53 Resp: 159033
Ion Ratio Lower Upper
53 100
52 82.2 41.3 123.7
51 36.1 17.9 53.7





#15
Acetone
Concen: 110.910 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

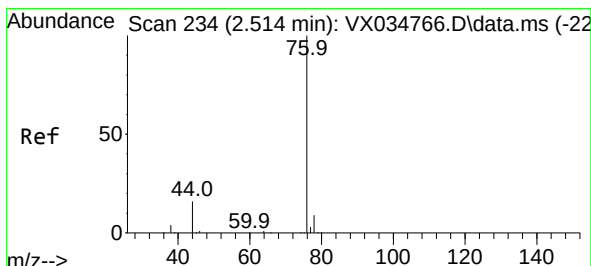
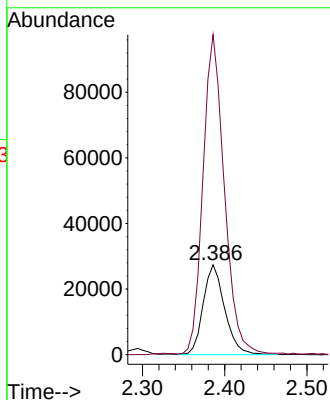
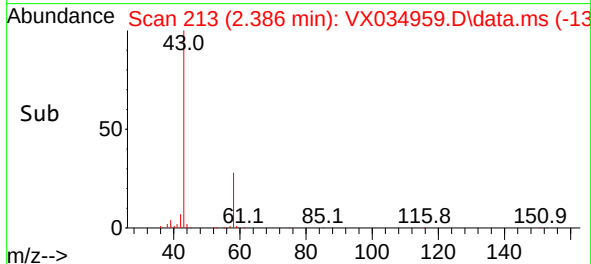
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



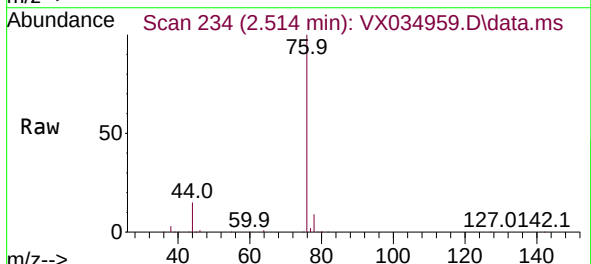
Tgt Ion: 58 Resp: 49869
Ion Ratio Lower Upper
58 100
43 355.8 270.8 406.2

Manual Integrations
APPROVED

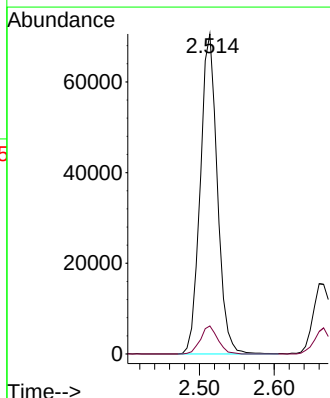
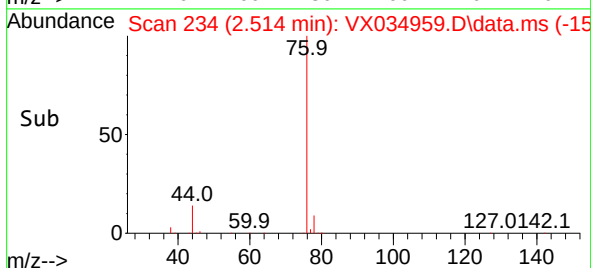
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

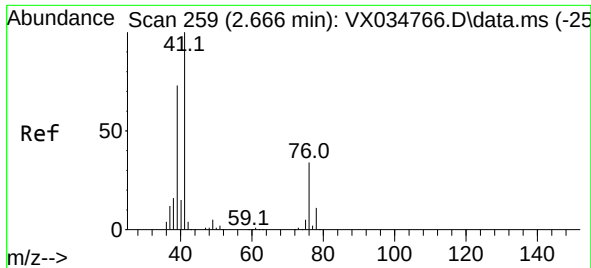


#16
Carbon Disulfide
Concen: 16.087 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04



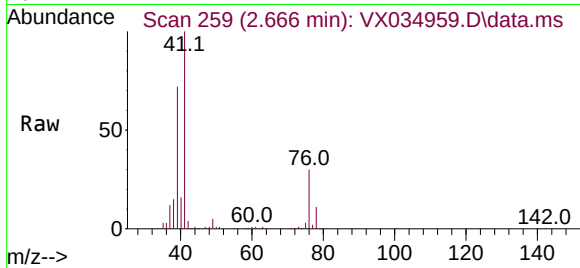
Tgt Ion: 76 Resp: 111756
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6





#17
 Allyl chloride
 Concen: 18.271 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX034959.D
 Acq: 06 Apr 2023 17:04

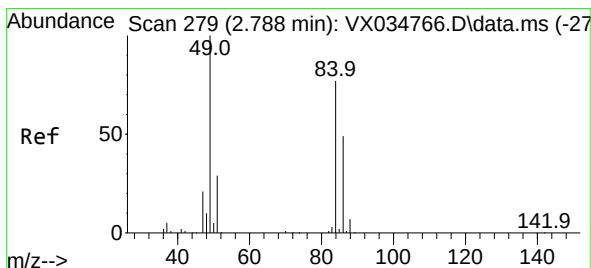
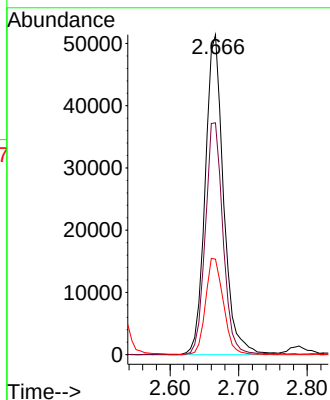
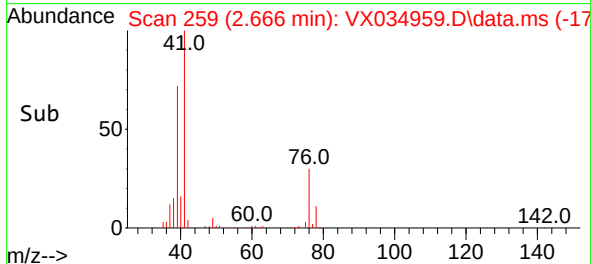
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 41 Resp: 96025
 Ion Ratio Lower Upper
 41 100
 39 72.5 36.4 109.3
 76 29.9 17.0 51.0

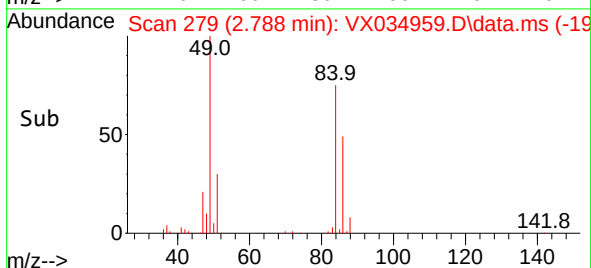
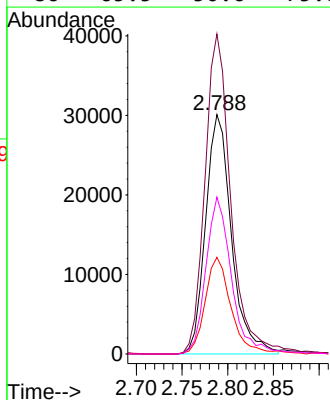
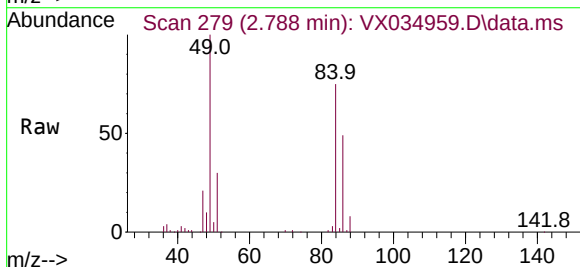
Manual Integrations
 APPROVED

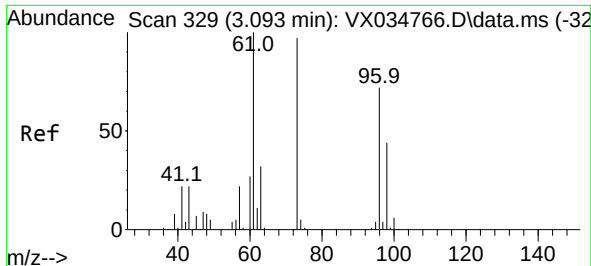
Reviewed By :John Carlone 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023



#18
 Methylene Chloride
 Concen: 18.514 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX034959.D
 Acq: 06 Apr 2023 17:04

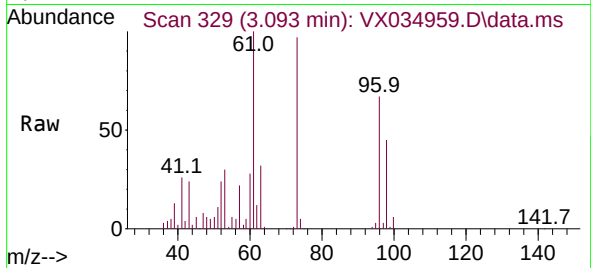
Tgt Ion: 84 Resp: 59233
 Ion Ratio Lower Upper
 84 100
 49 133.7 103.9 155.9
 51 40.4 30.6 45.8
 86 65.5 50.6 75.8





#19
trans-1,2-Dichloroethene
Concen: 18.525 ug/l
RT: 3.093 min Scan# 319
Delta R.T. -0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

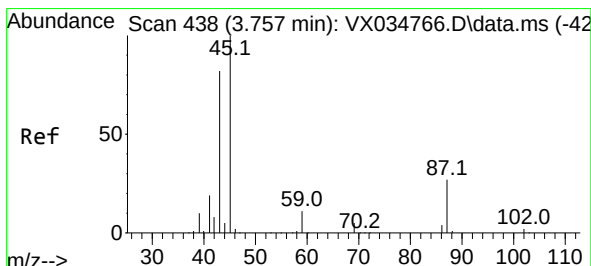
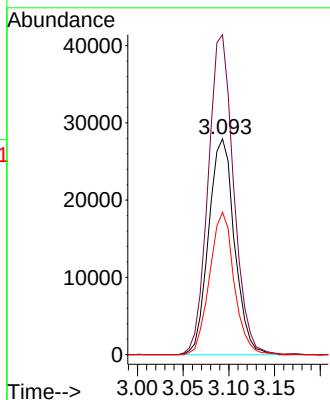
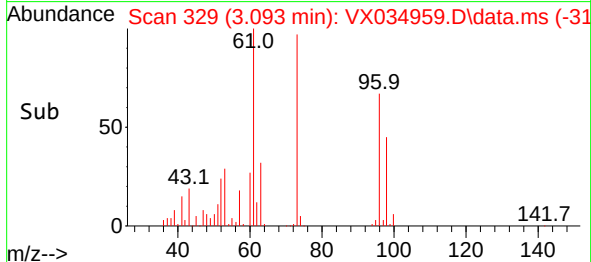
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 5505
Ion Ratio Lower Upper
96 100
61 148.3 111.1 166.7
98 66.0 48.6 72.8

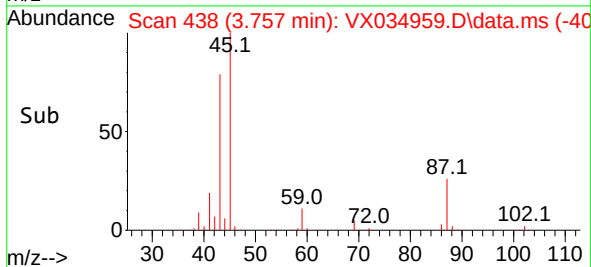
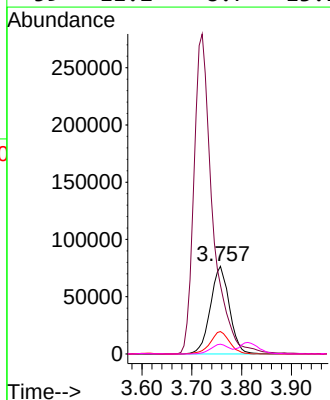
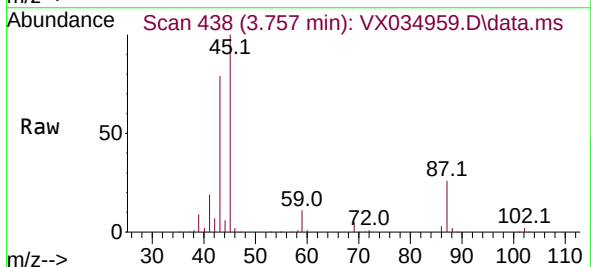
Manual Integrations
APPROVED

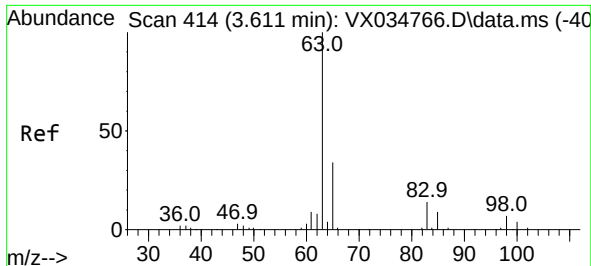
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#20
Diisopropyl ether
Concen: 18.827 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

Tgt Ion: 45 Resp: 202707
Ion Ratio Lower Upper
45 100
43 78.2 66.0 99.0
87 25.6 21.8 32.6
59 11.2 8.7 13.1





#21

1,1-Dichloroethane

Concen: 18.544 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX034959.D

Acq: 06 Apr 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 10676

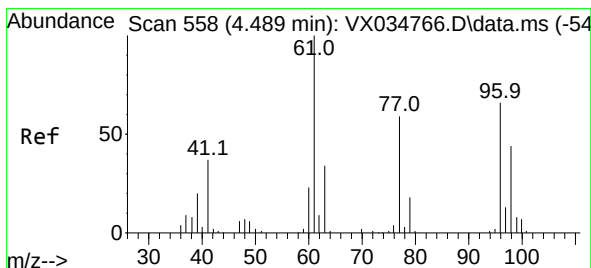
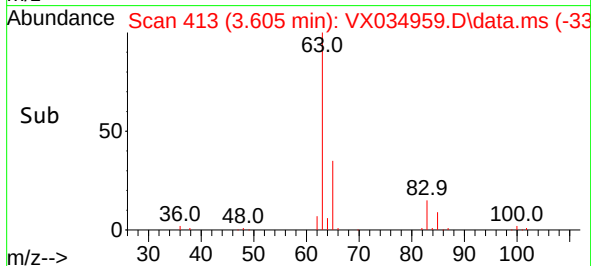
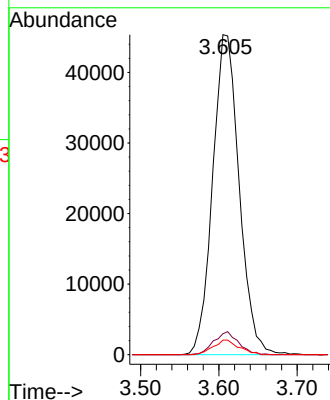
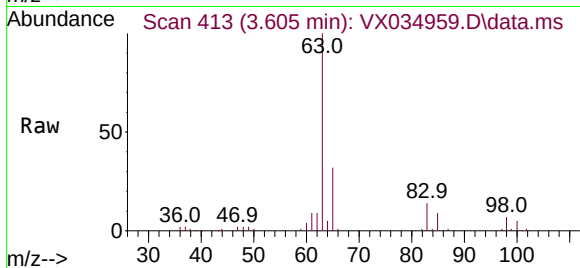
Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.5	10.6
100	4.5	2.2	6.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#22

cis-1,2-Dichloroethene

Concen: 18.132 ug/l

RT: 4.489 min Scan# 558

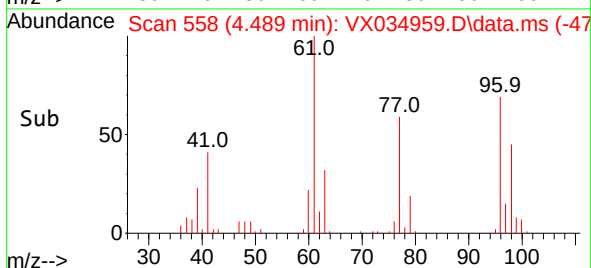
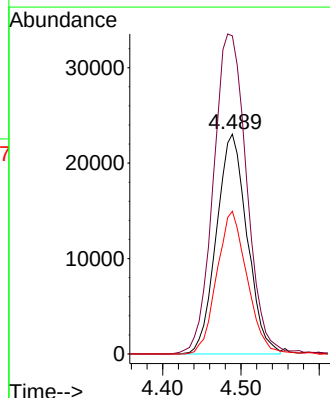
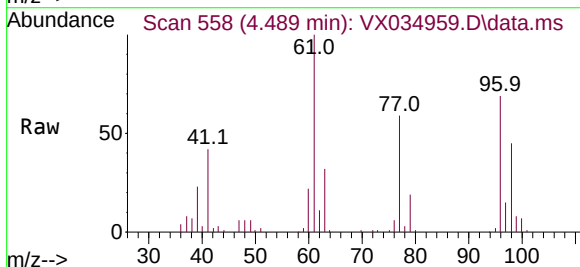
Delta R.T. 0.000 min

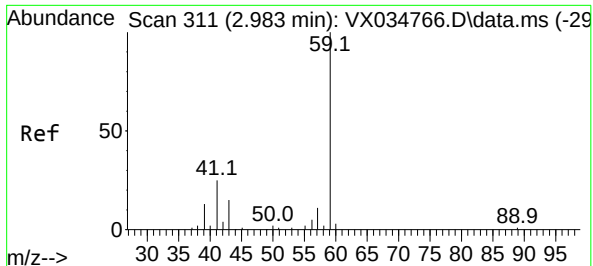
Lab File: VX034959.D

Acq: 06 Apr 2023 17:04

Tgt Ion: 96 Resp: 62760

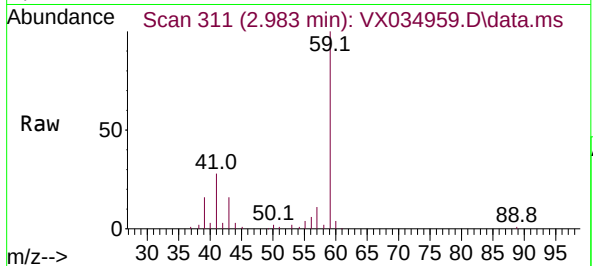
Ion	Ratio	Lower	Upper
96	100		
61	157.2	121.7	182.5
98	64.1	52.2	78.2





#23
tert-Butyl Alcohol
Concen: 90.929 ug/l m
RT: 2.983 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

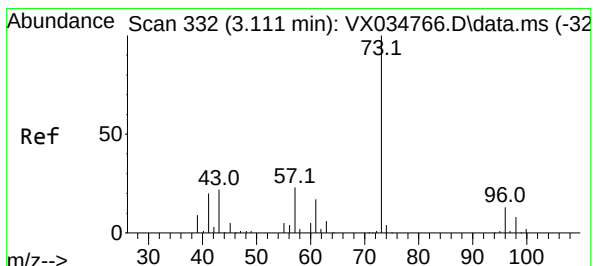
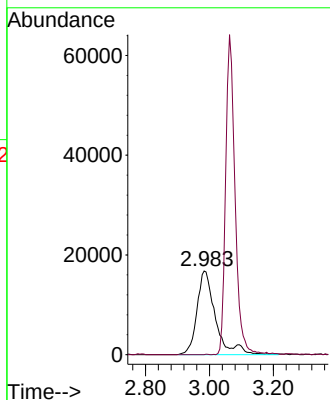
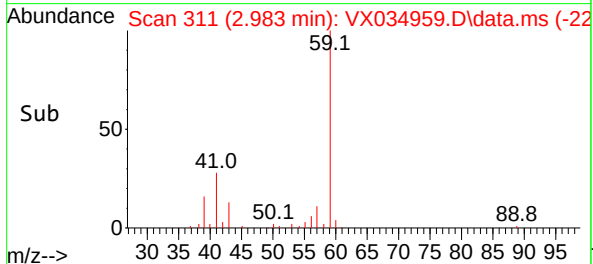
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 59 Resp: 67758
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.4

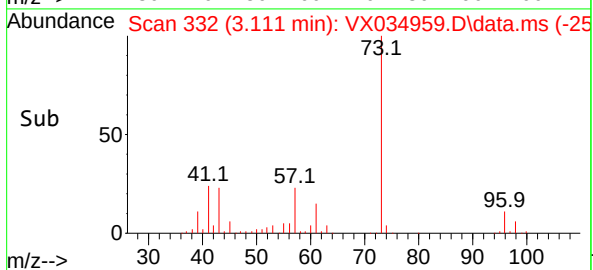
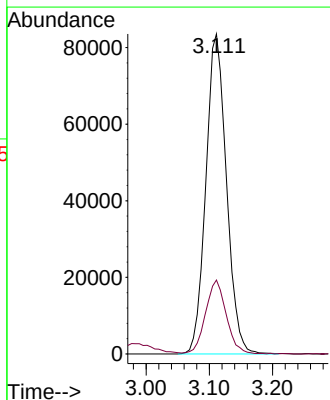
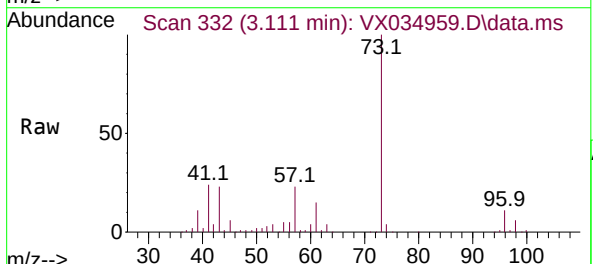
Manual Integrations
APPROVED

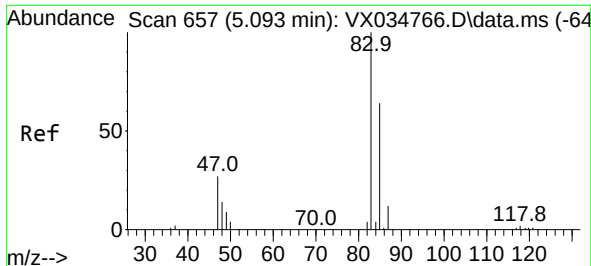
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#24
Methyl tert-Butyl Ether
Concen: 18.761 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

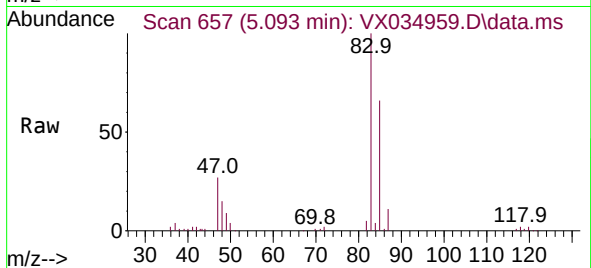
Tgt Ion: 73 Resp: 189342
Ion Ratio Lower Upper
73 100
43 23.2 17.9 26.9





#25
Chloroform
Concen: 18.953 ug/l
RT: 5.093 min Scan# 611
Delta R.T. -0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

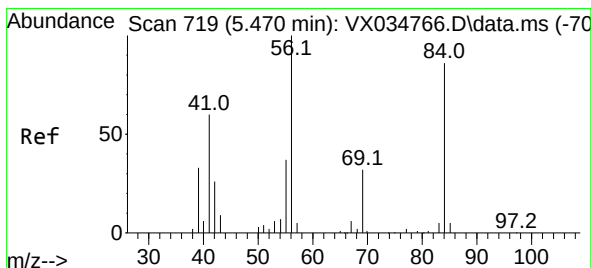
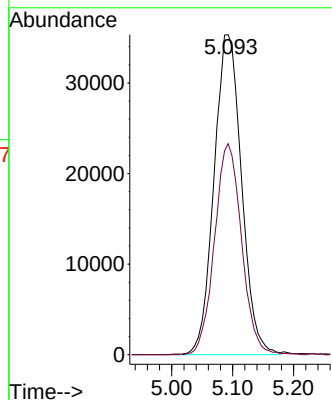
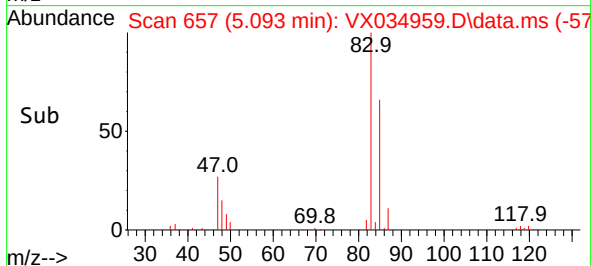
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 110980
Ion Ratio Lower Upper
83 100
85 65.7 51.2 76.8

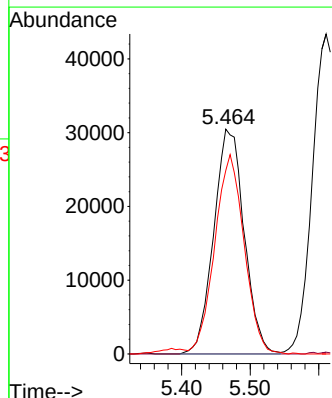
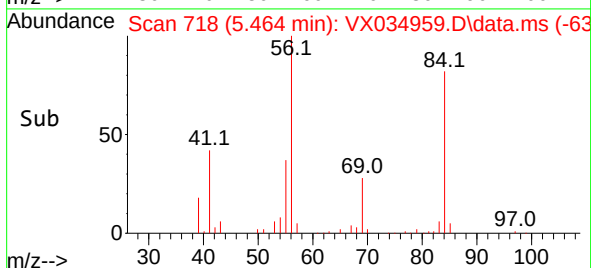
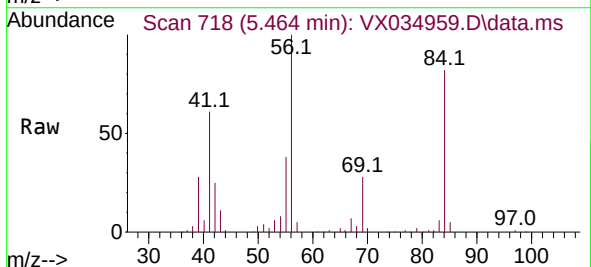
Manual Integrations
APPROVED

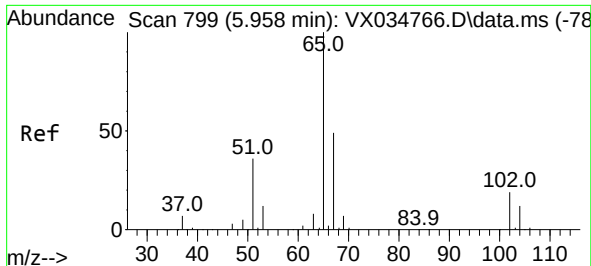
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#26
Cyclohexane
Concen: 18.614 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

Tgt Ion: 56 Resp: 93908
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.9 67.4 101.2





#27

1,2-Dichloroethane-d4

Concen: 32.593 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX034959.D

Acq: 06 Apr 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 65 Resp: 8568

Ion Ratio Lower Upper

65 100

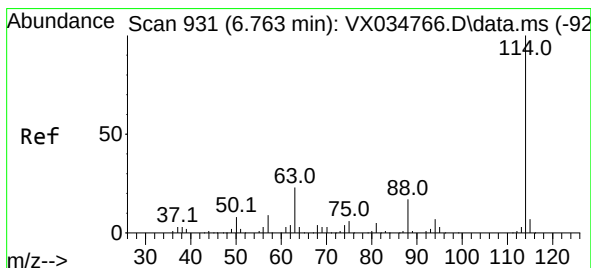
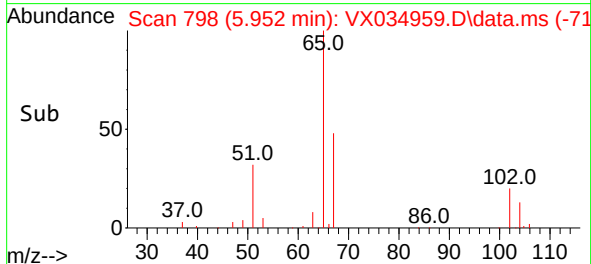
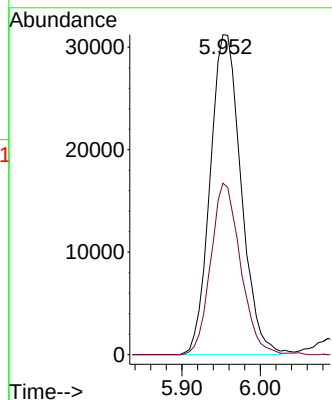
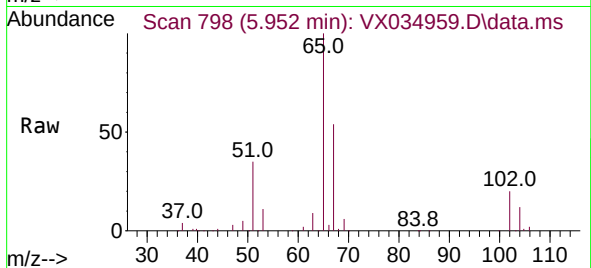
67 51.5 40.9 61.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX034959.D

Acq: 06 Apr 2023 17:04

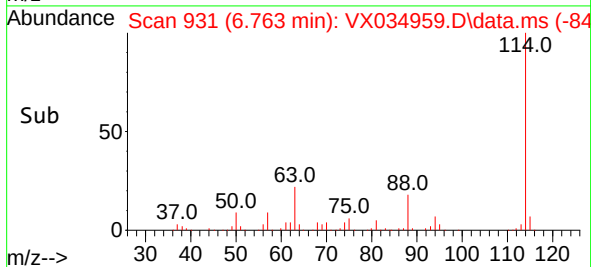
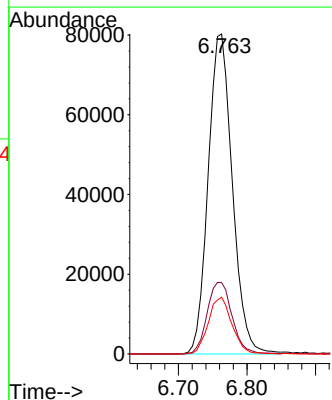
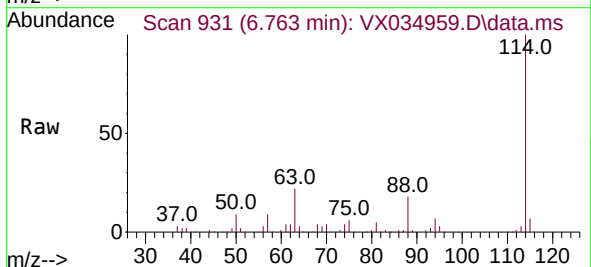
Tgt Ion:114 Resp: 196820

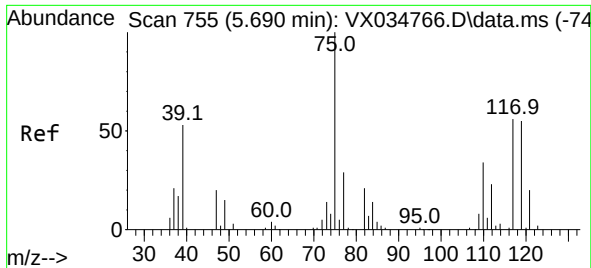
Ion Ratio Lower Upper

114 100

63 22.9 18.0 27.0

88 17.3 13.3 19.9





#29

1,1-Dichloropropene

Concen: 17.841 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX034959.D

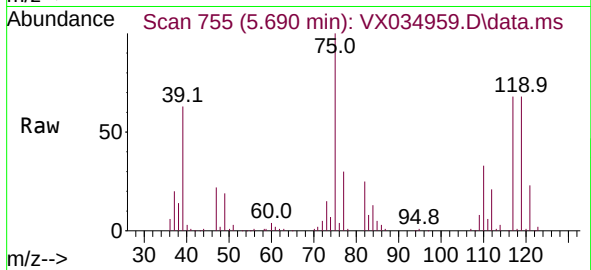
Acq: 06 Apr 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



Tgt Ion: 75 Resp: 8076

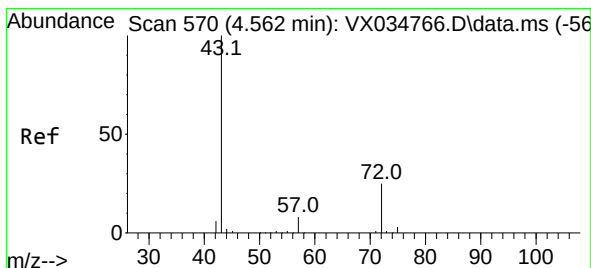
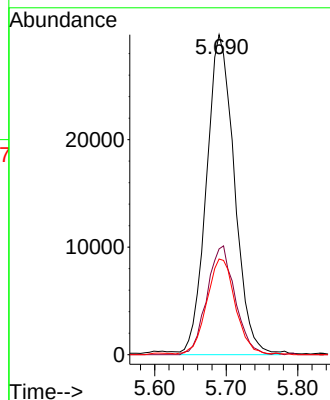
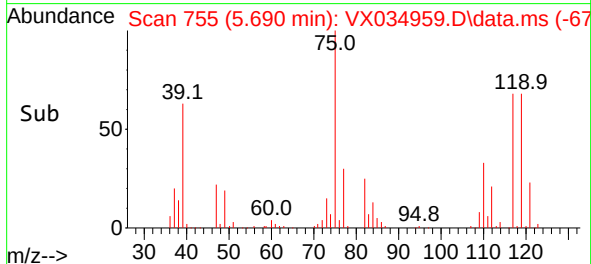
Ion	Ratio	Lower	Upper
75	100		
110	34.0	0.0	71.4
77	30.7	0.0	61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#30

2-Butanone

Concen: 95.125 ug/l

RT: 4.556 min Scan# 569

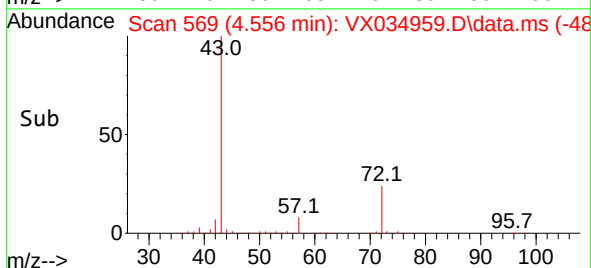
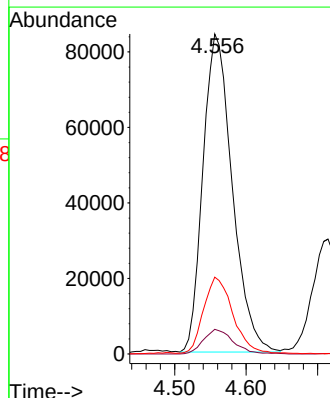
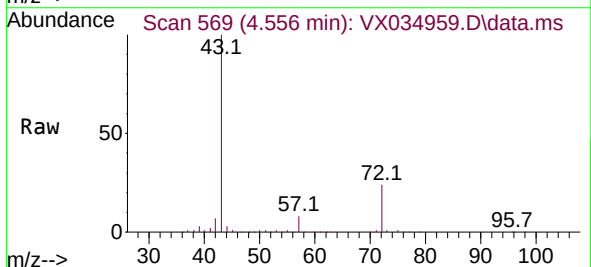
Delta R.T. -0.006 min

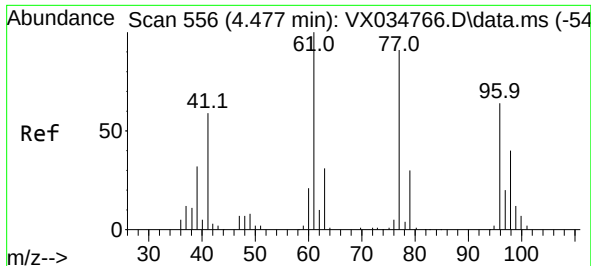
Lab File: VX034959.D

Acq: 06 Apr 2023 17:04

Tgt Ion: 43 Resp: 240148

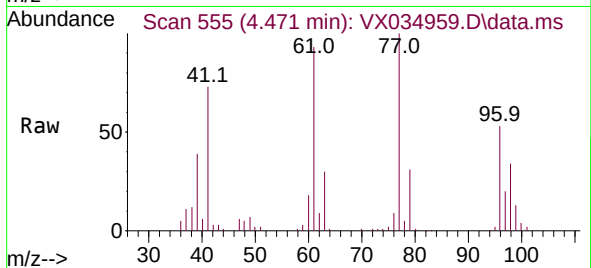
Ion	Ratio	Lower	Upper
43	100		
57	7.8	6.3	9.5
72	23.7	19.6	29.4





#31
2,2-Dichloropropane
Concen: 17.729 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

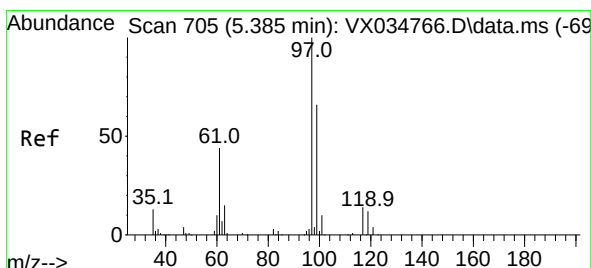
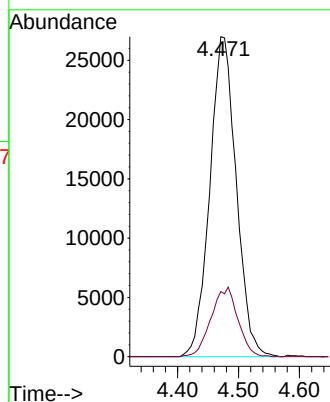
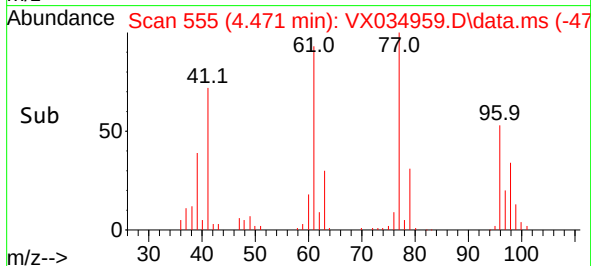
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 77 Resp: 81390
Ion Ratio Lower Upper
77 100
97 21.9 18.2 27.4

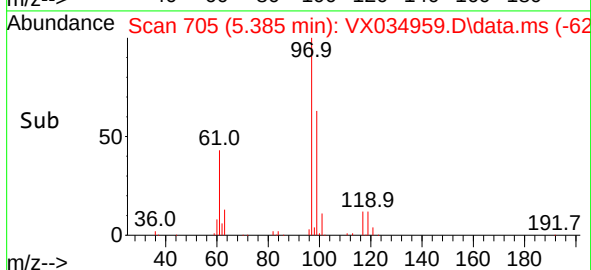
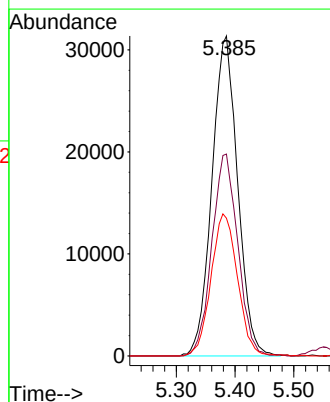
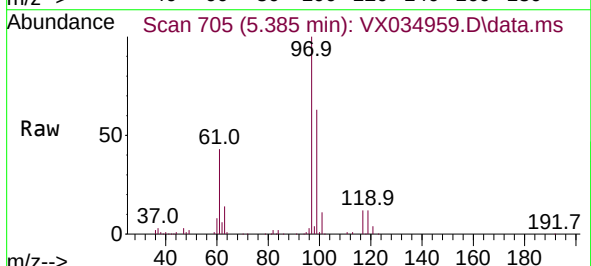
Manual Integrations
APPROVED

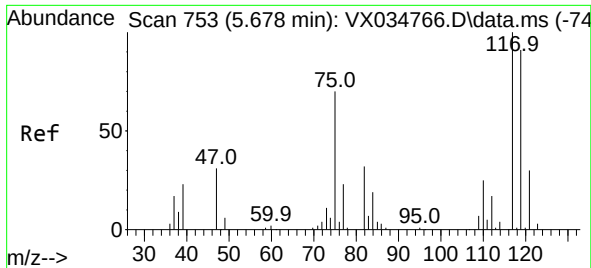
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#32
1,1,1-Trichloroethane
Concen: 17.962 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

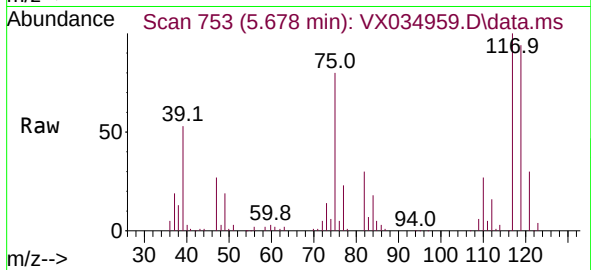
Tgt Ion: 97 Resp: 95390
Ion Ratio Lower Upper
97 100
99 63.5 51.3 76.9
61 45.7 36.6 55.0





#33
Carbon Tetrachloride
Concen: 17.724 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

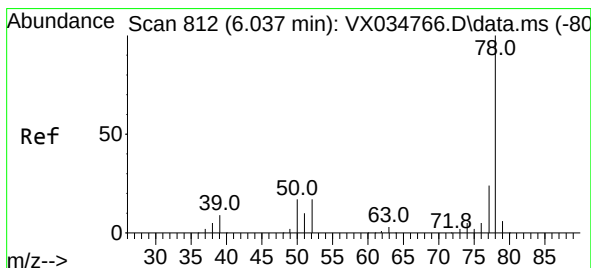
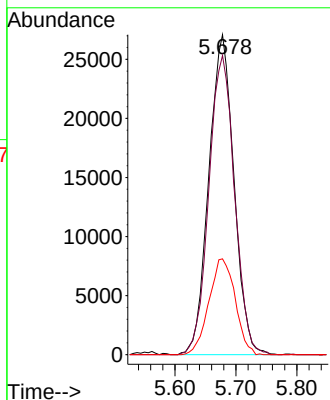
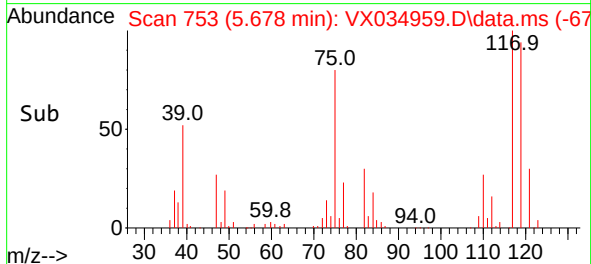
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 7768
Ion Ratio Lower Upper
117 100
119 93.5 73.3 109.9
121 30.0 24.0 36.0

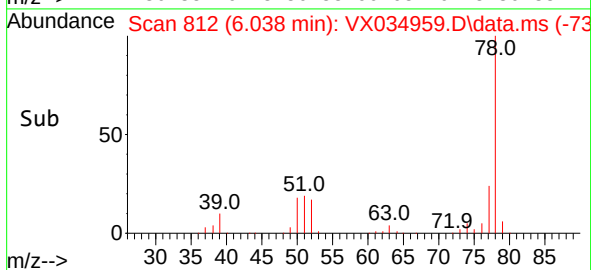
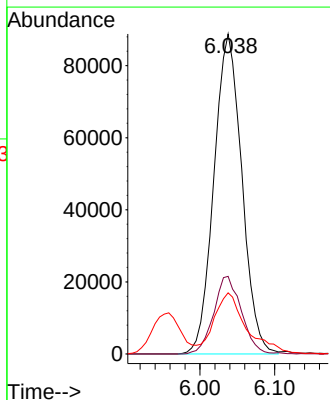
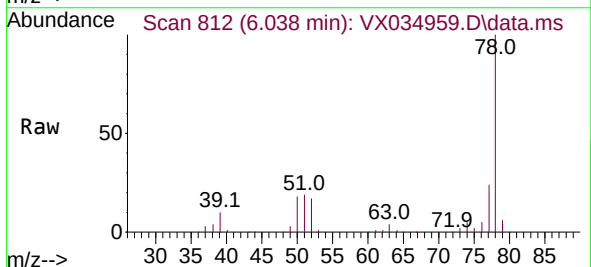
Manual Integrations
APPROVED

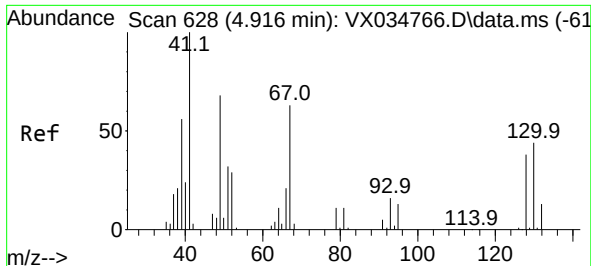
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#34
Benzene
Concen: 17.516 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

Tgt Ion: 78 Resp: 230424
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.4
51 16.9 14.6 21.8





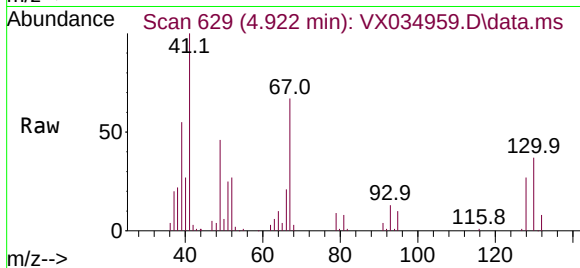
#35
Methacrylonitrile
Concen: 18.599 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



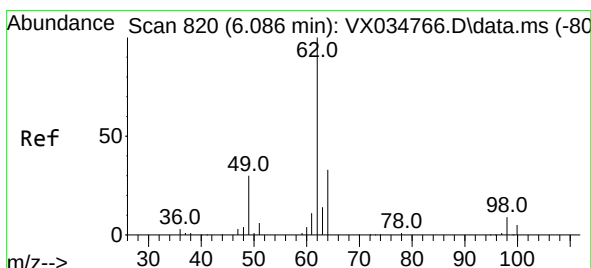
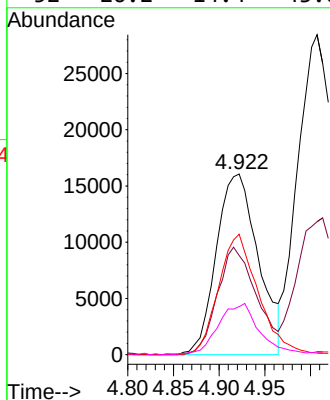
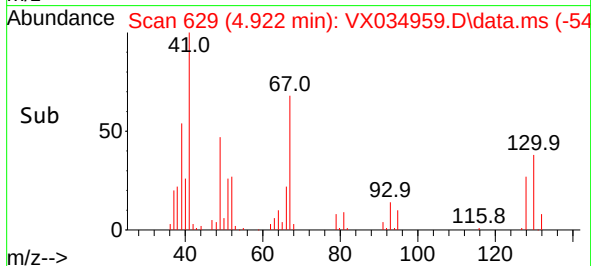
Tgt Ion	Ratio	Lower	Upper
41	100		
39	54.6	28.0	84.0
67	66.7	31.6	94.7
52	26.2	14.4	43.0

Manual Integrations

APPROVED

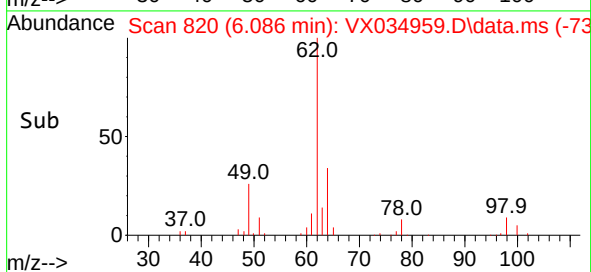
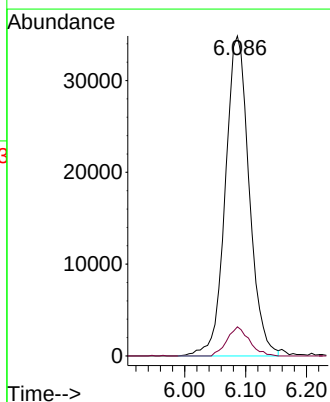
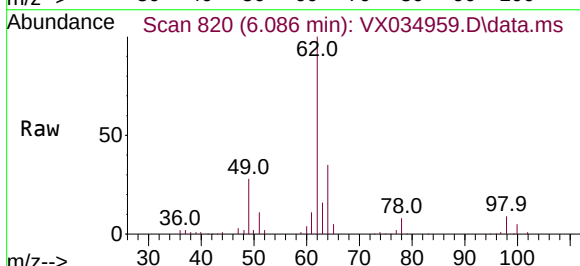
Reviewed By :John Carlone 04/07/2023

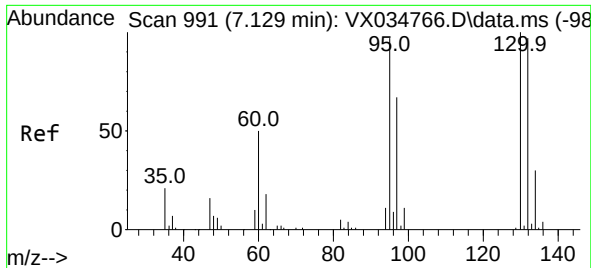
Supervised By :Mahesh Dadoda 04/07/2023



#36
1,2-Dichloroethane
Concen: 18.375 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

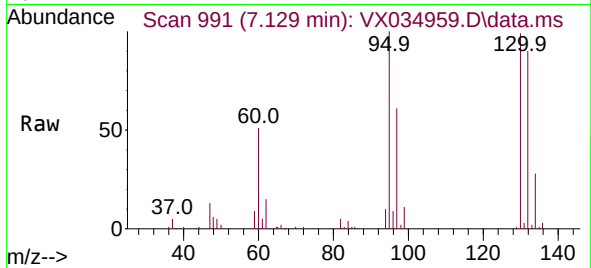
Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	7.0	10.6





#37
Trichloroethene
Concen: 17.942 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

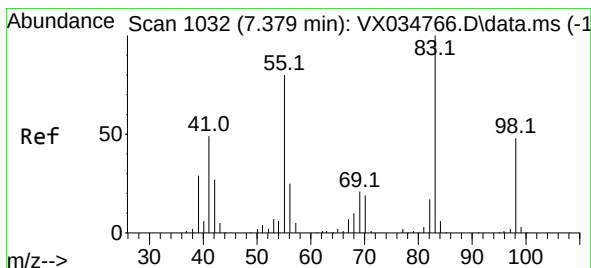
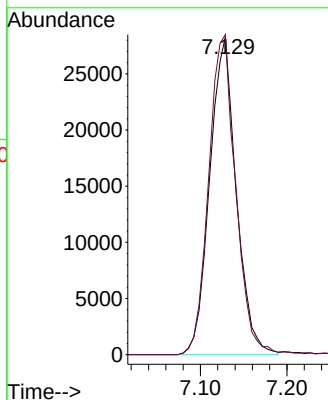
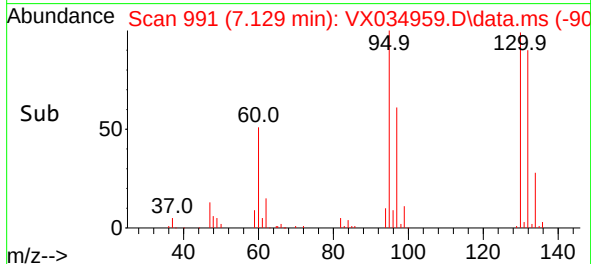
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



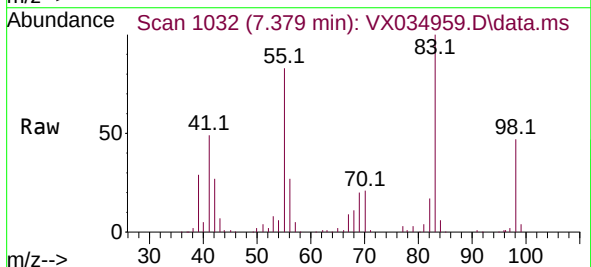
Tgt Ion:130 Resp: 60070
Ion Ratio Lower Upper
130 100
95 100.5 77.8 116.6

Manual Integrations
APPROVED

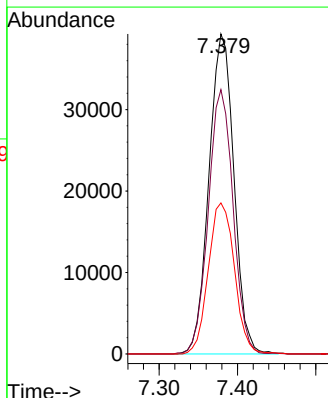
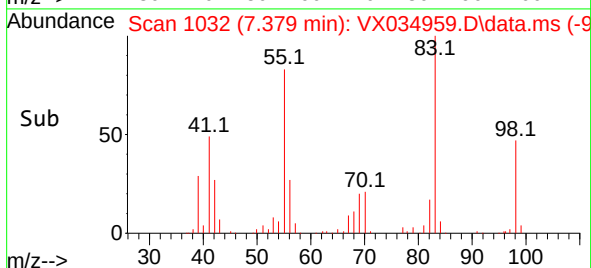
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

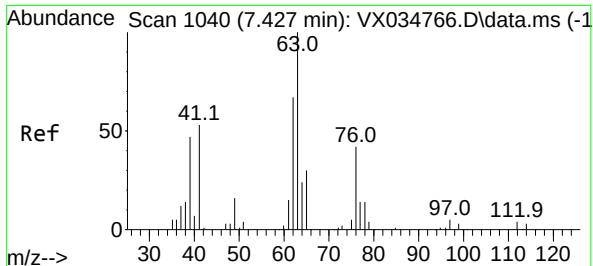


#38
Methylcyclohexane
Concen: 17.622 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04



Tgt Ion: 83 Resp: 87152
Ion Ratio Lower Upper
83 100
55 82.0 38.8 116.4
98 49.4 23.8 71.2





#39

1,2-Dichloropropane

Concen: 16.959 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VX034959.D

Acq: 06 Apr 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 57992

Ion Ratio Lower Upper

63 100

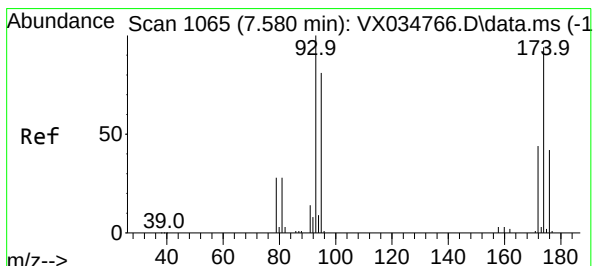
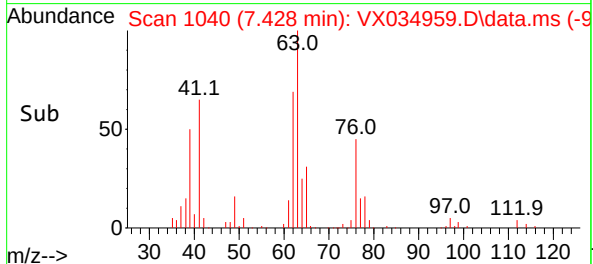
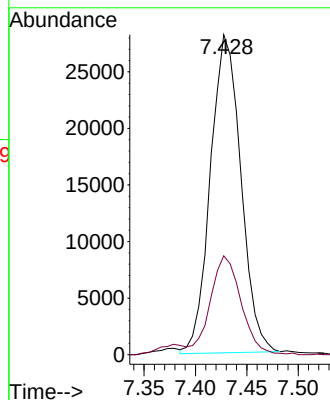
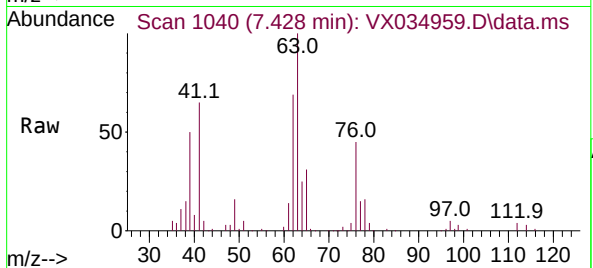
65 30.8 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#40

Dibromomethane

Concen: 17.624 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX034959.D

Acq: 06 Apr 2023 17:04

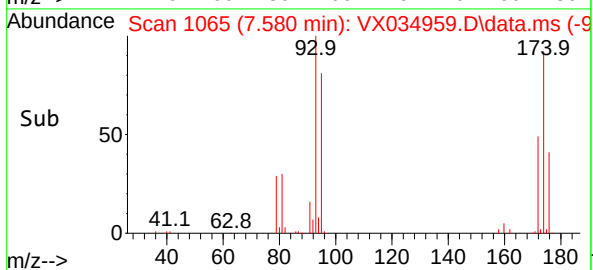
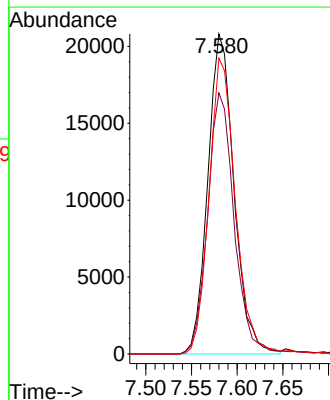
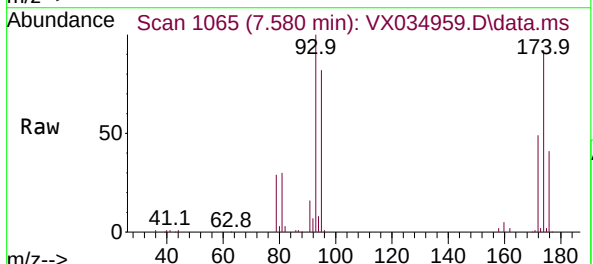
Tgt Ion: 93 Resp: 41398

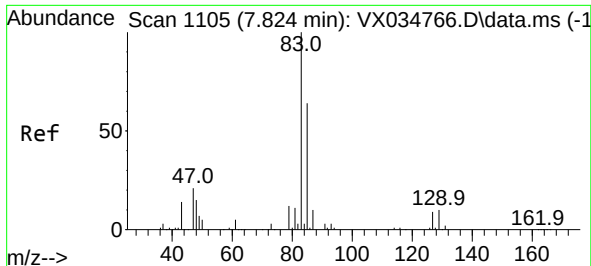
Ion Ratio Lower Upper

93 100

95 82.4 0.0 165.8

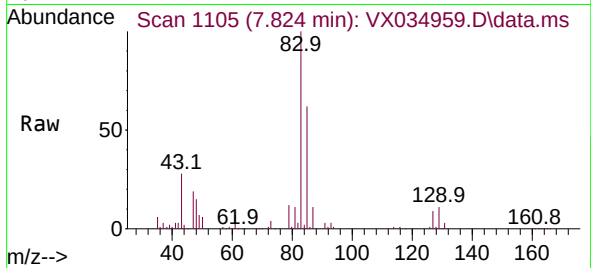
174 92.6 0.0 188.8





#41
Bromodichloromethane
Concen: 17.365 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

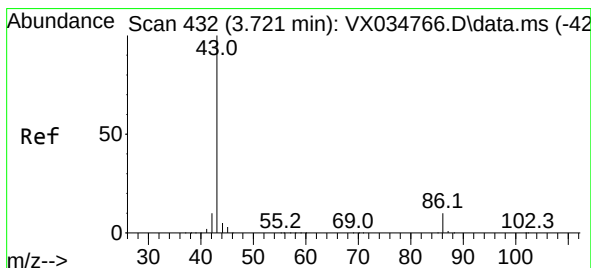
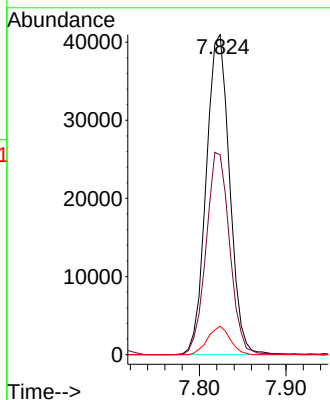
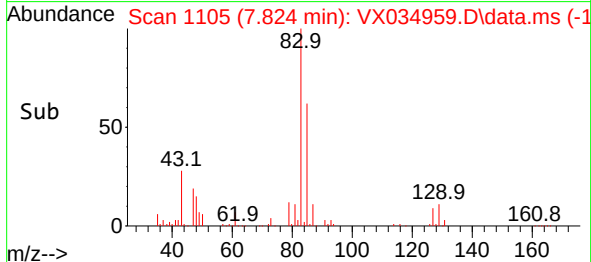
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



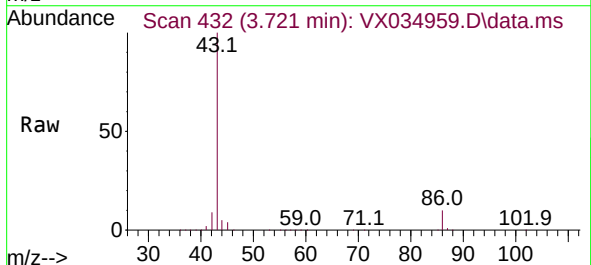
Tgt Ion: 83 Resp: 76832
Ion Ratio Lower Upper
83 100
85 62.3 51.1 76.7
127 8.9 8.2 12.4

Manual Integrations
APPROVED

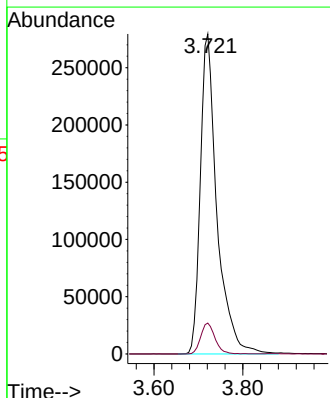
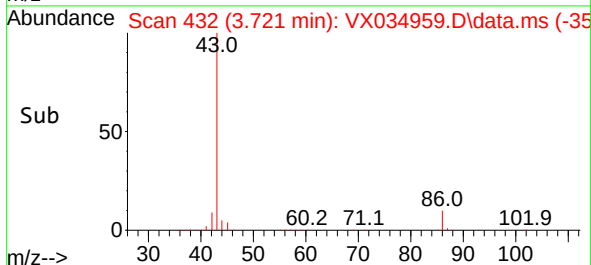
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

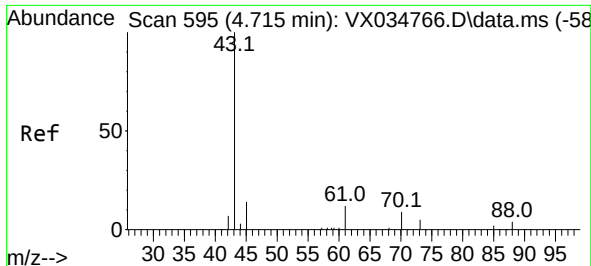


#42
Vinyl Acetate
Concen: 88.433 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04



Tgt Ion: 43 Resp: 728337
Ion Ratio Lower Upper
43 100
86 8.3 6.9 10.3





#43

Ethyl Acetate

Concen: 17.928 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX034959.D

Acq: 06 Apr 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 87779

Ion Ratio Lower Upper

43 100

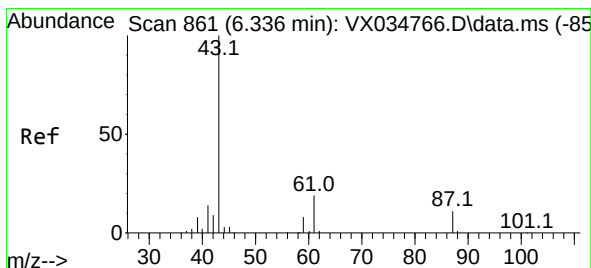
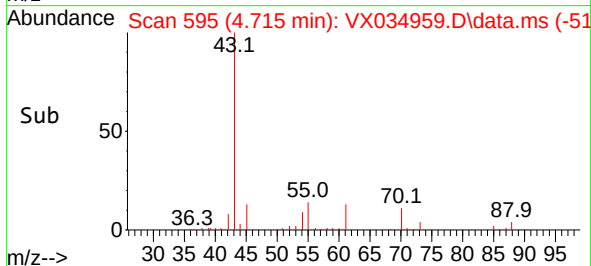
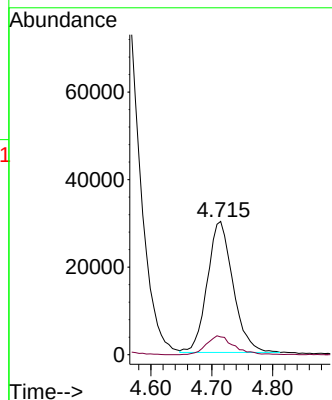
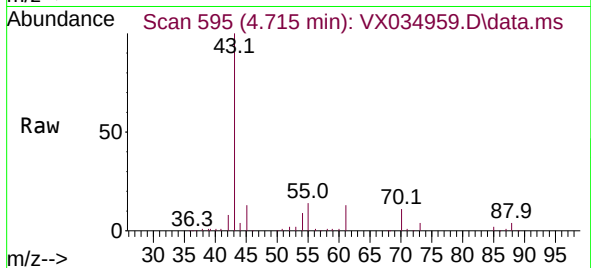
45 14.9 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#44

Isopropyl Acetate

Concen: 17.150 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX034959.D

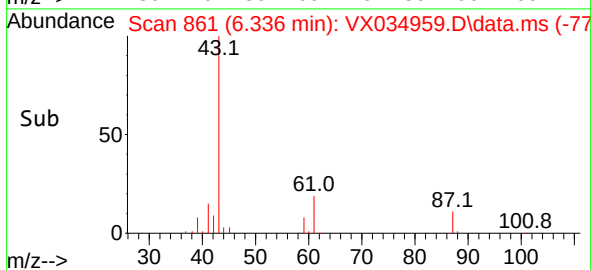
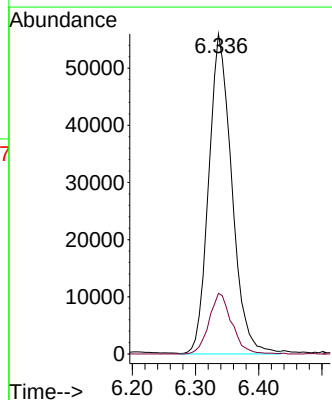
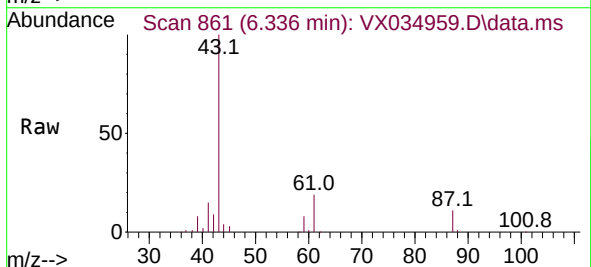
Acq: 06 Apr 2023 17:04

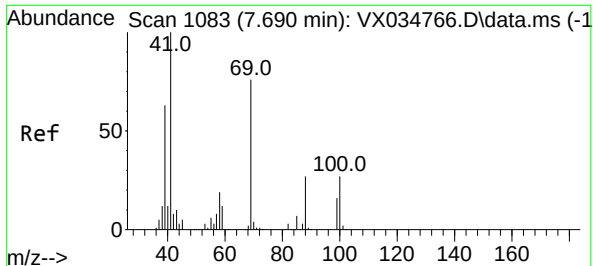
Tgt Ion: 43 Resp: 142149

Ion Ratio Lower Upper

43 100

61 18.6 15.4 23.0





#45

1,4-Dioxane

Concen: 371.413 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. -0.000 min

Lab File: VX034959.D

Acq: 06 Apr 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 88 Resp: 30495

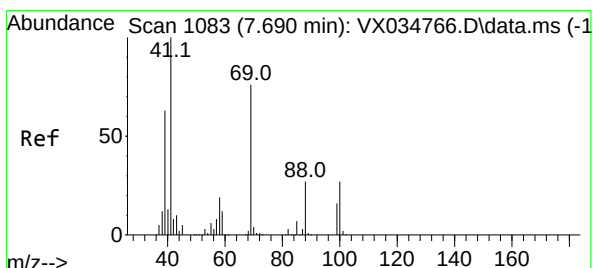
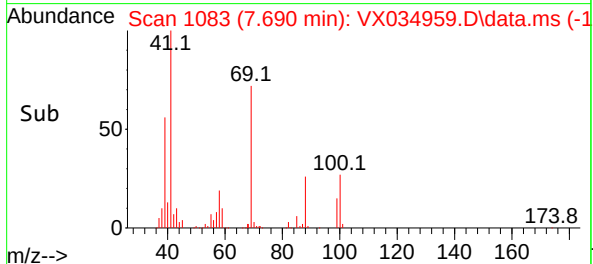
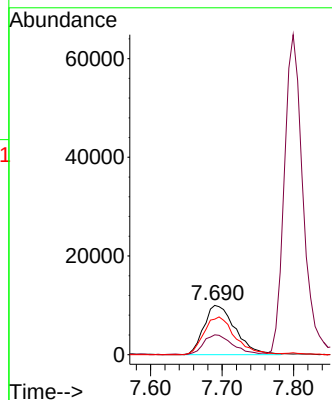
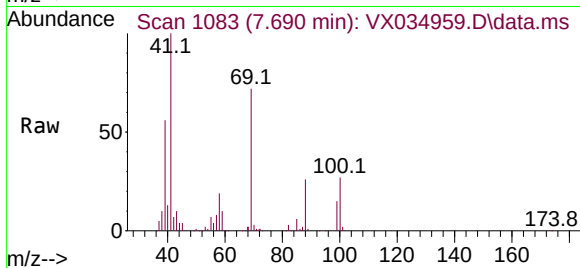
Ion	Ratio	Lower	Upper
88	100		
43	37.9	26.5	39.7
58	75.2	55.6	83.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#46

Methyl methacrylate

Concen: 18.161 ug/l

RT: 7.690 min Scan# 1083

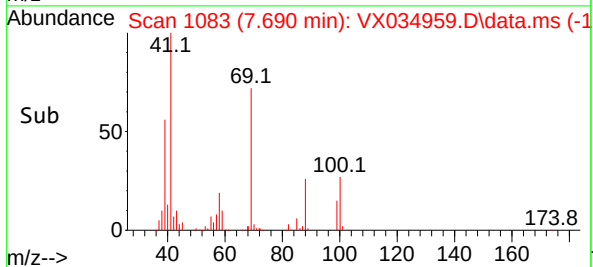
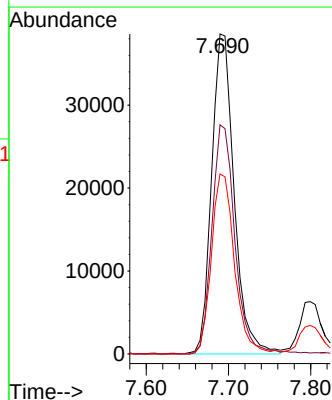
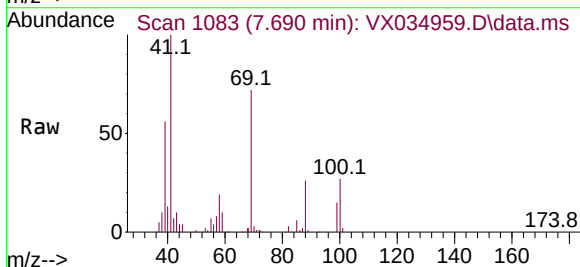
Delta R.T. -0.000 min

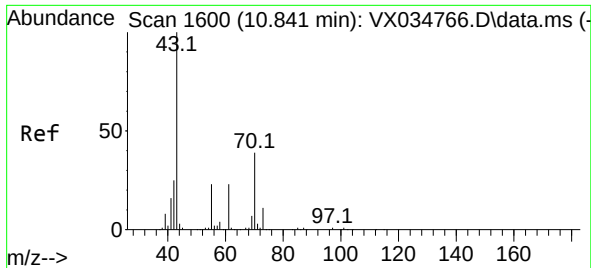
Lab File: VX034959.D

Acq: 06 Apr 2023 17:04

Tgt Ion: 41 Resp: 73344

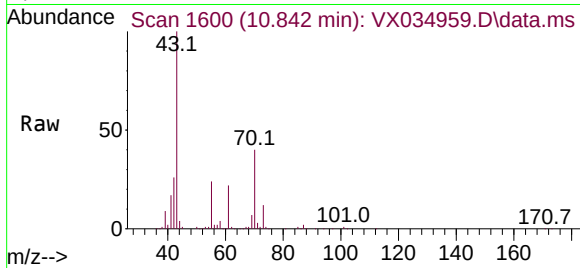
Ion	Ratio	Lower	Upper
41	100		
69	71.6	38.1	114.5
39	56.2	31.4	94.3





#47
n-amy1 Acetate
Concen: 16.223 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

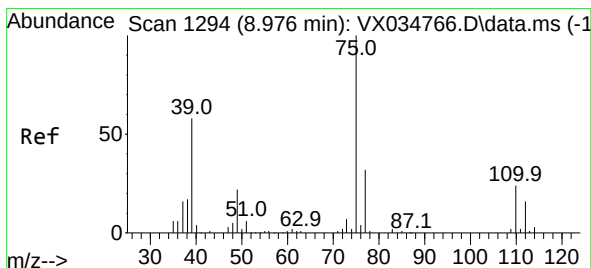
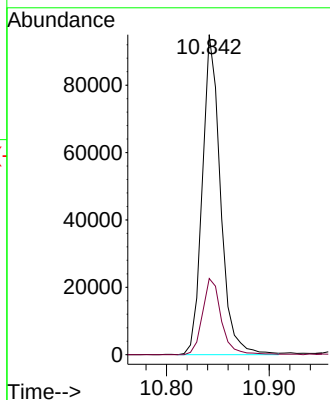
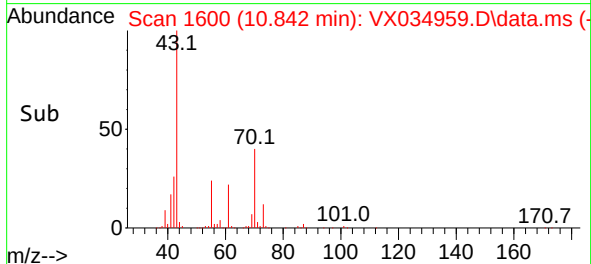
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 11690
Ion Ratio Lower Upper
43 100
55 24.6 18.6 28.0

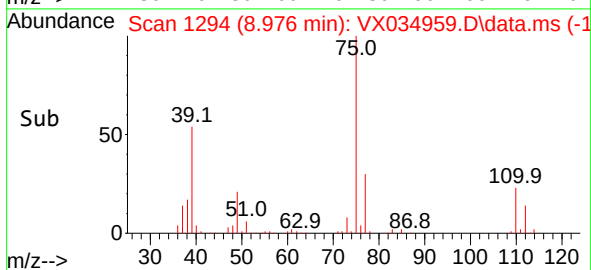
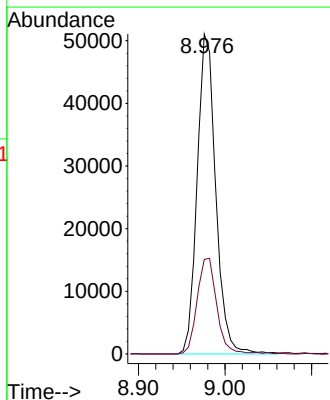
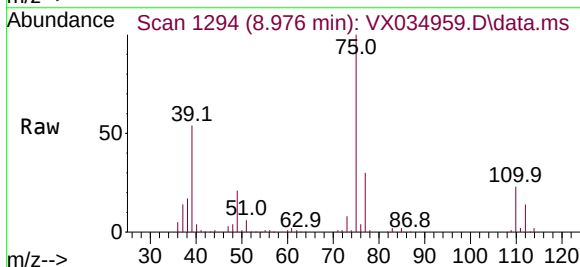
Manual Integrations
APPROVED

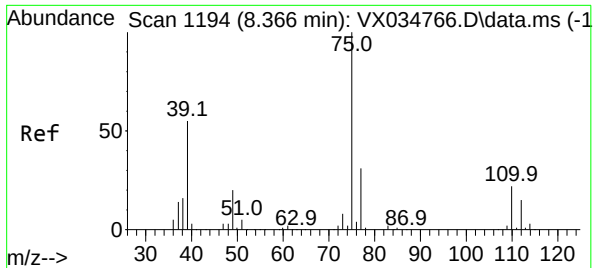
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#48
t-1,3-Dichloropropene
Concen: 15.795 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

Tgt Ion: 75 Resp: 76142
Ion Ratio Lower Upper
75 100
77 29.5 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 16.536 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034959.D

Acq: 06 Apr 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 87580

Ion Ratio Lower Upper

75 100

77 30.7 24.6 37.0

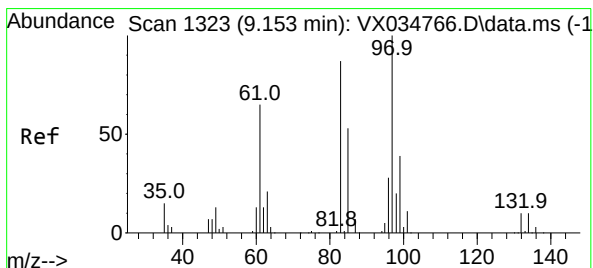
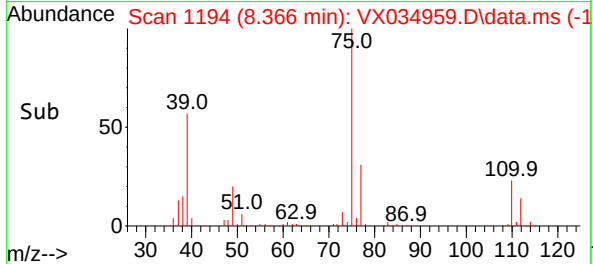
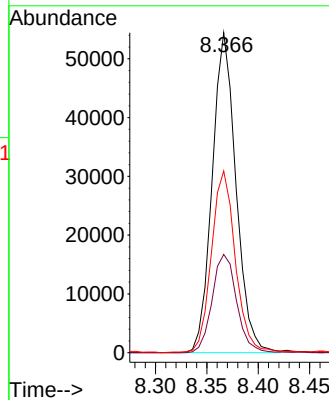
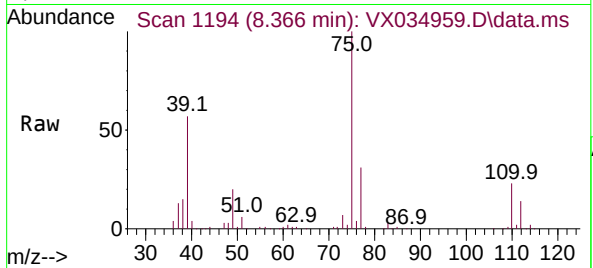
39 56.6 44.2 66.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#50

1,1,2-Trichloroethane

Concen: 18.026 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX034959.D

Acq: 06 Apr 2023 17:04

Tgt Ion: 97 Resp: 58991

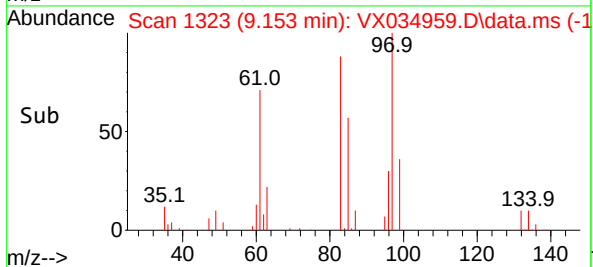
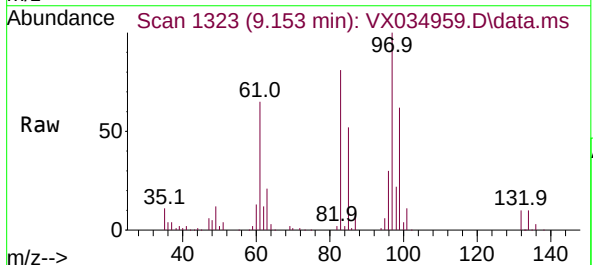
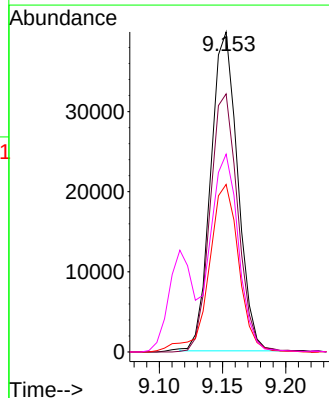
Ion Ratio Lower Upper

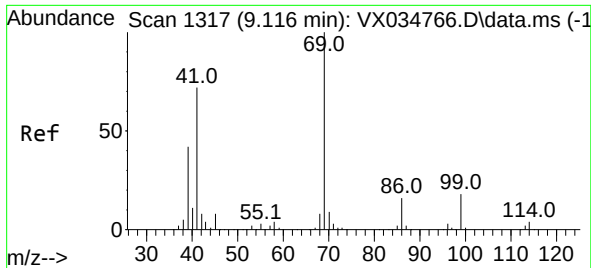
97 100

83 80.7 68.9 103.3

85 52.2 44.0 66.0

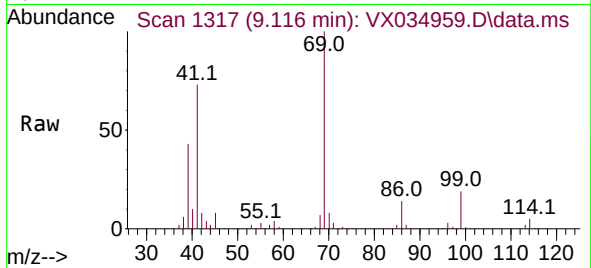
99 61.5 49.0 73.4





#51
Ethyl methacrylate
Concen: 16.968 ug/l
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

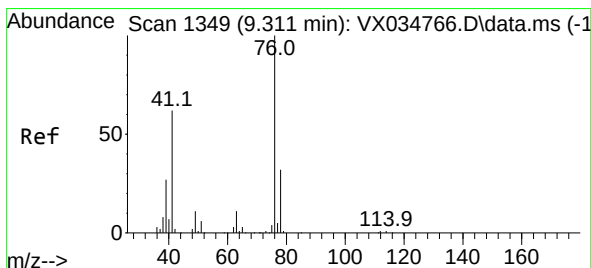
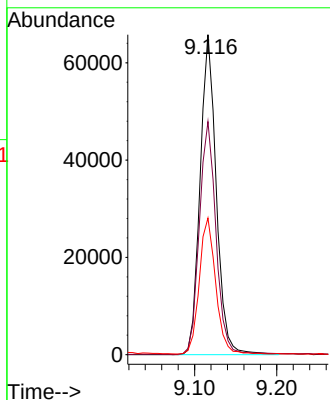
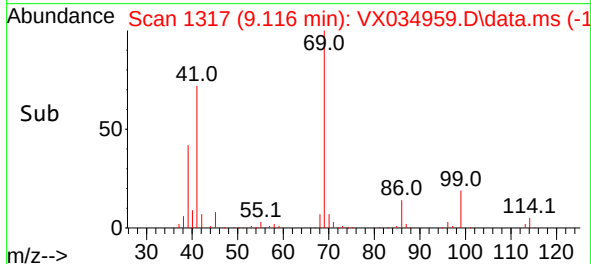
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



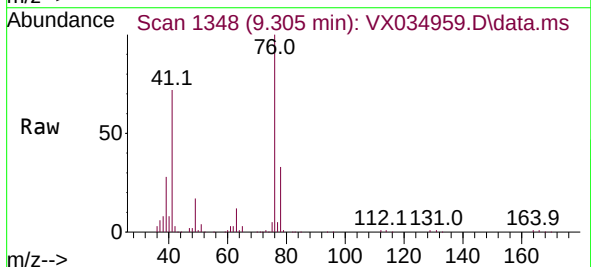
Tgt Ion: 69 Resp: 90124
Ion Ratio Lower Upper
69 100
41 72.7 36.2 108.6
39 42.5 21.2 63.6

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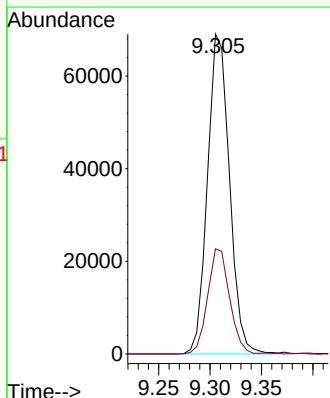
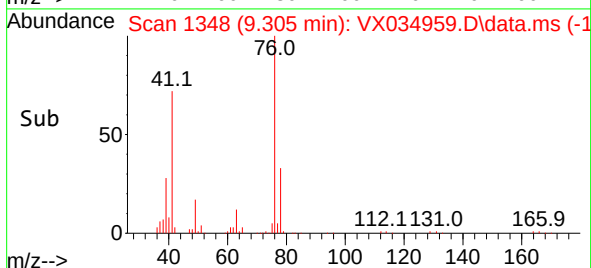
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

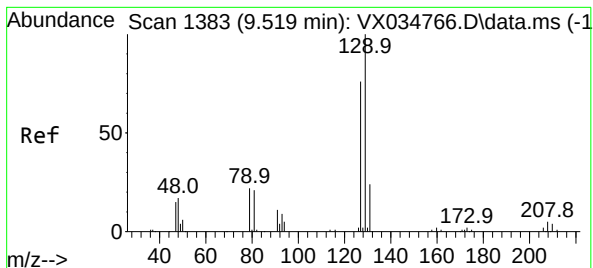


#52
1,3-Dichloropropane
Concen: 17.782 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04



Tgt Ion: 76 Resp: 102797
Ion Ratio Lower Upper
76 100
78 32.8 0.0 63.8





#53

Dibromochloromethane

Concen: 16.704 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX034959.D

Acq: 06 Apr 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:129 Resp: 54070

Ion Ratio Lower Upper

129 100

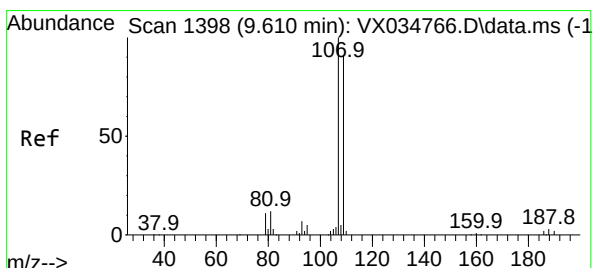
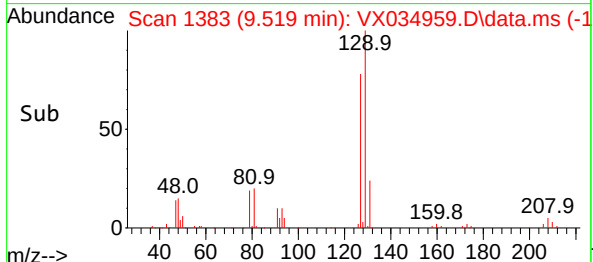
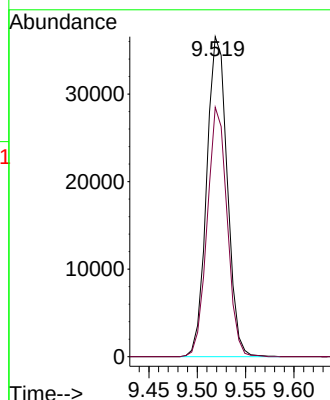
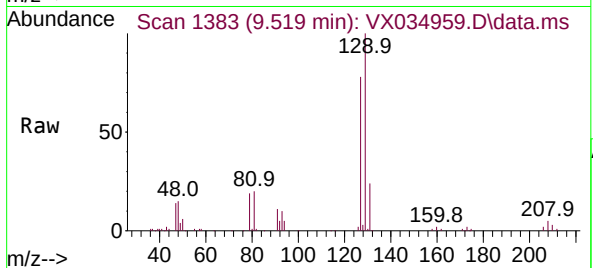
127 75.6 39.1 117.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#54

1,2-Dibromoethane

Concen: 17.437 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX034959.D

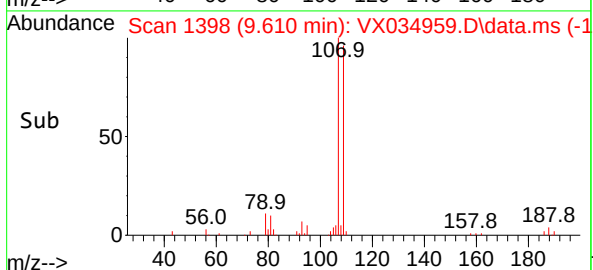
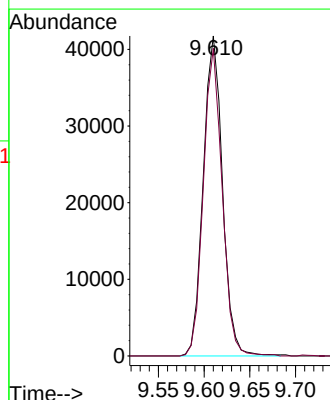
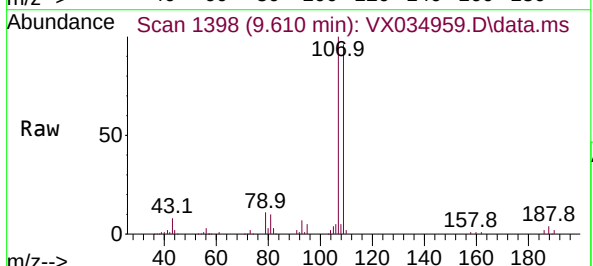
Acq: 06 Apr 2023 17:04

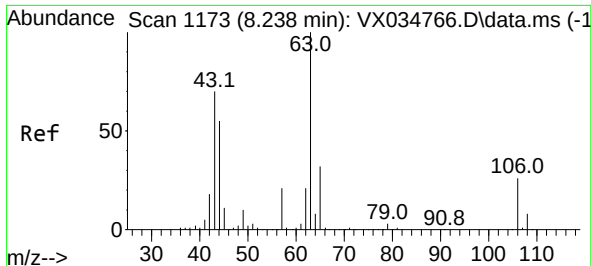
Tgt Ion:107 Resp: 61039

Ion Ratio Lower Upper

107 100

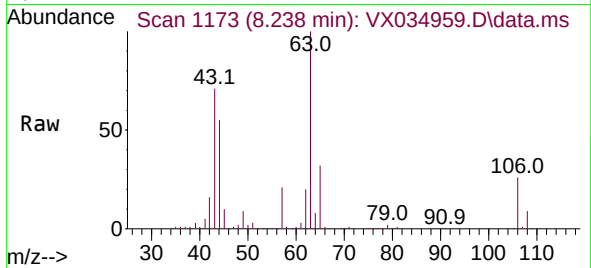
109 93.8 75.4 113.2





#55
2-Chloroethyl vinyl ether
Concen: 97.403 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

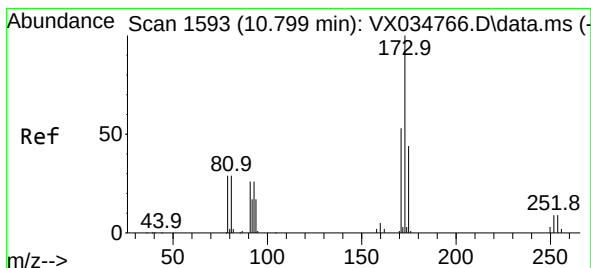
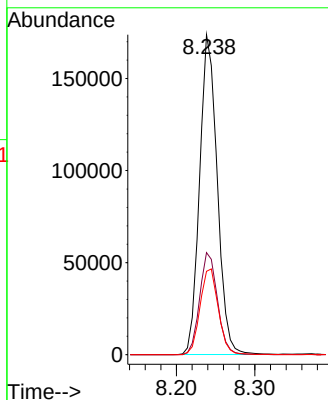
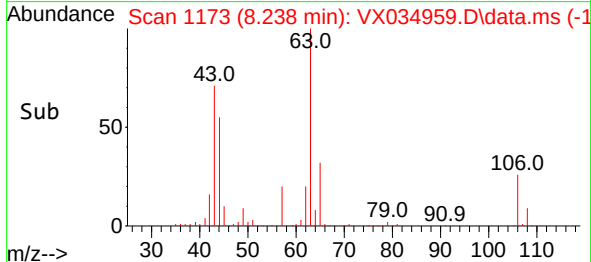
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 272248
Ion Ratio Lower Upper
63 100
65 32.2 25.4 38.2
106 27.7 21.6 32.4

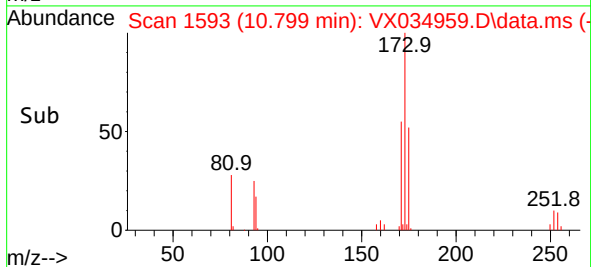
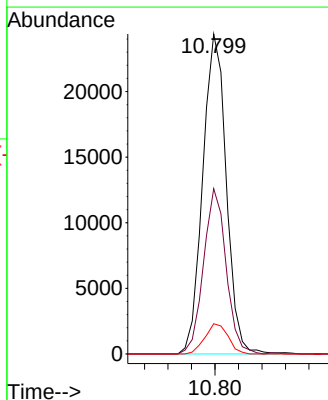
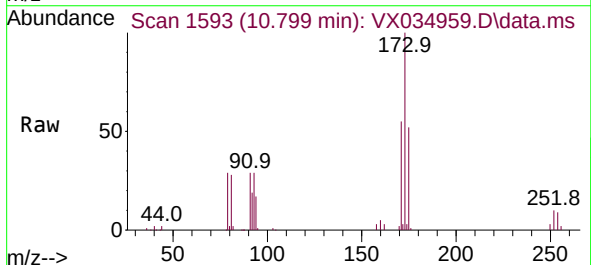
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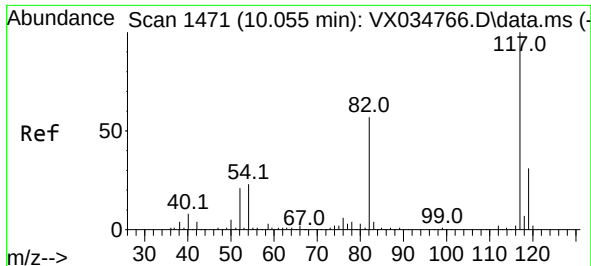
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#56
Bromoform
Concen: 15.192 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

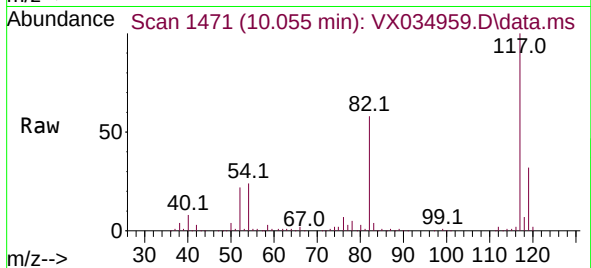
Tgt Ion:173 Resp: 33911
Ion Ratio Lower Upper
173 100
175 49.5 37.0 55.4
254 9.3 6.7 10.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

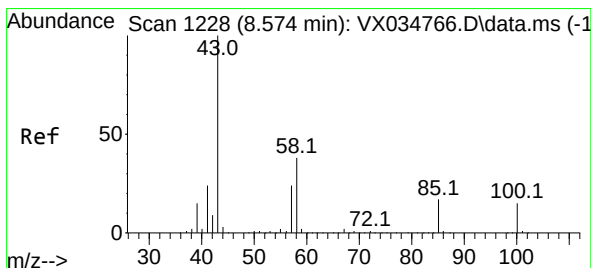
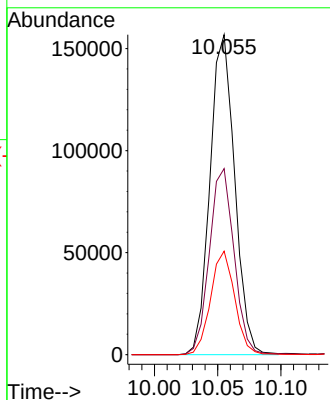
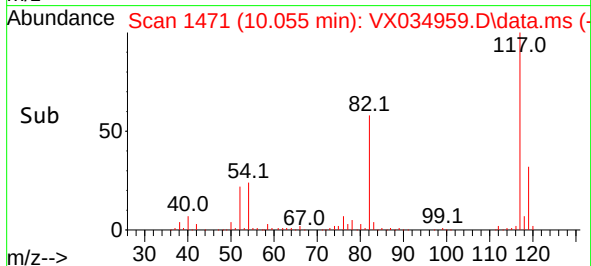
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 21329
Ion Ratio Lower Upper
117 100
82 58.1 45.8 68.8
119 31.4 25.4 38.0

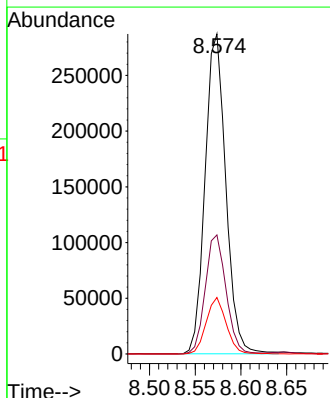
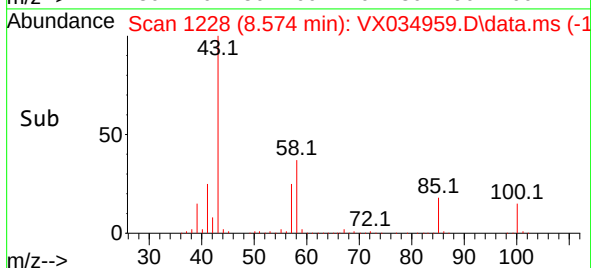
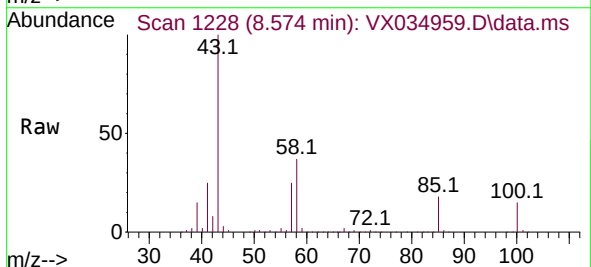
Manual Integrations
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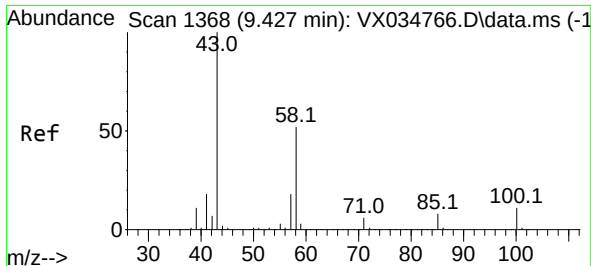
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#58
4-Methyl-2-Pentanone
Concen: 92.729 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

Tgt Ion: 43 Resp: 453473
Ion Ratio Lower Upper
43 100
58 37.3 29.9 44.9
85 17.1 13.2 19.8





#59

2-Hexanone

Concen: 93.207 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX034959.D

Acq: 06 Apr 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 34318

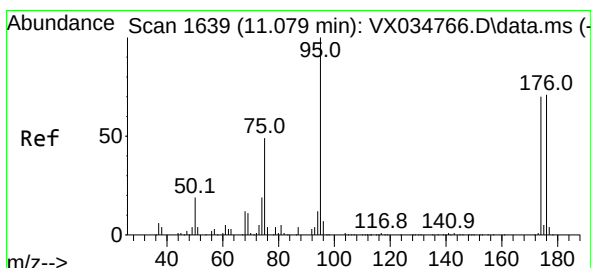
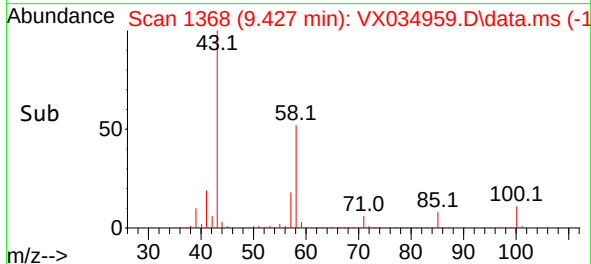
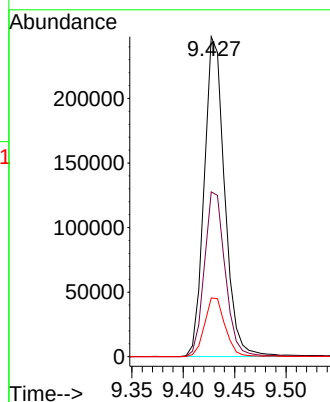
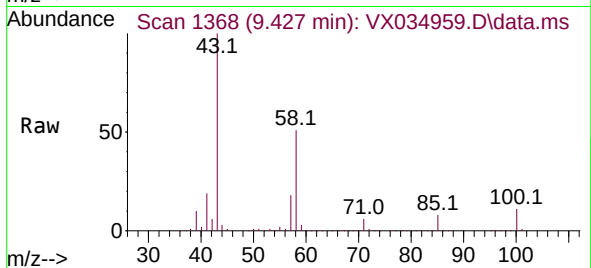
Ion	Ratio	Lower	Upper
43	100		
58	52.7	41.7	62.5
57	18.6	14.7	22.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#60

4-Bromofluorobenzene

Concen: 29.825 ug/l

RT: 11.079 min Scan# 1639

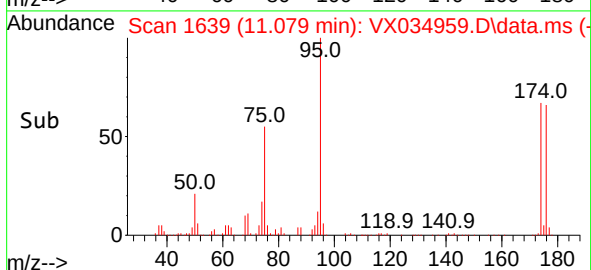
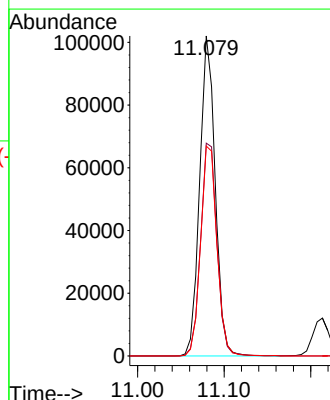
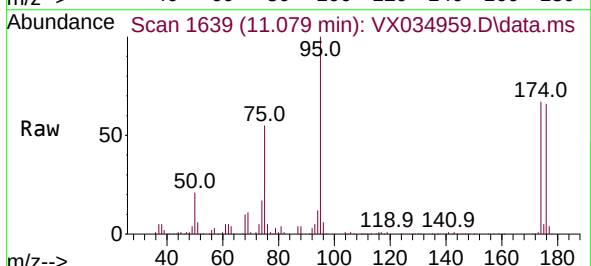
Delta R.T. 0.000 min

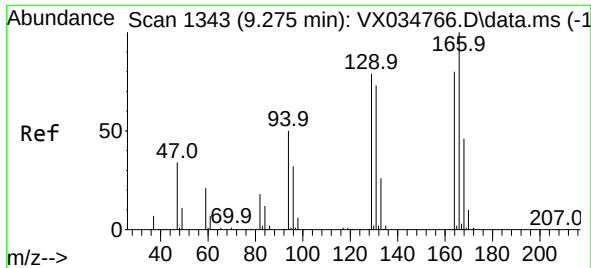
Lab File: VX034959.D

Acq: 06 Apr 2023 17:04

Tgt Ion: 95 Resp: 127110

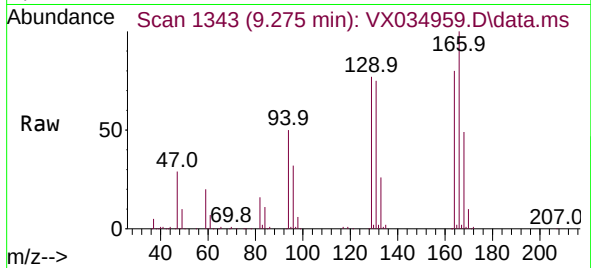
Ion	Ratio	Lower	Upper
95	100		
174	69.8	0.2	0.4#
176	69.0	0.2	0.2#





#61
Tetrachloroethene
Concen: 18.312 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

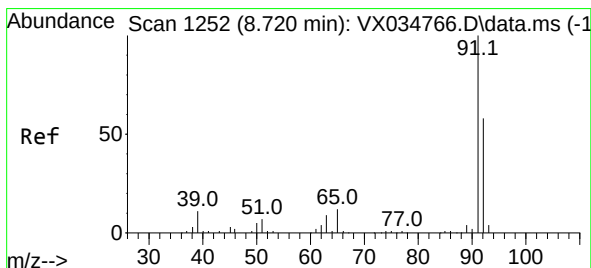
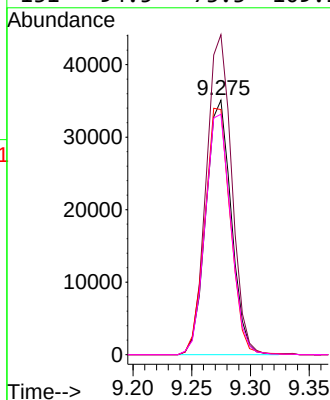
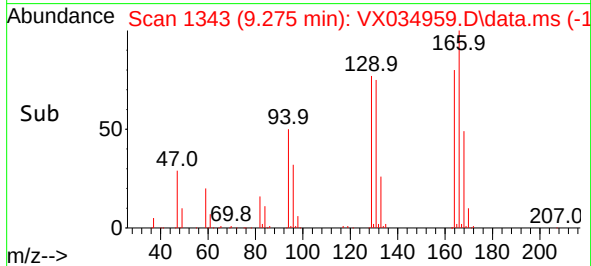
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 52628
Ion Ratio Lower Upper
164 100
166 125.8 100.1 150.1
129 96.3 79.1 118.7
131 94.5 73.3 109.9

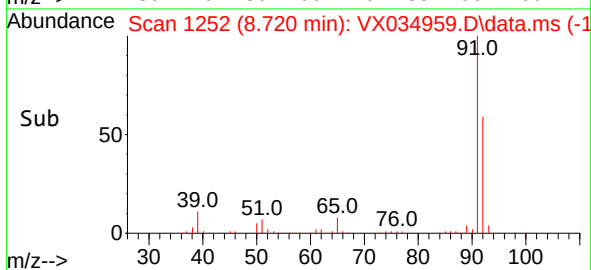
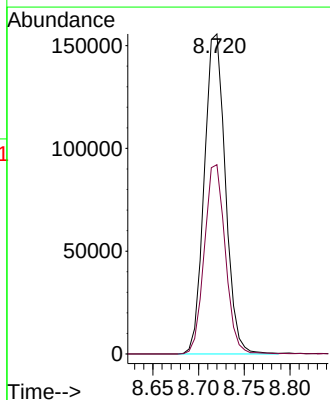
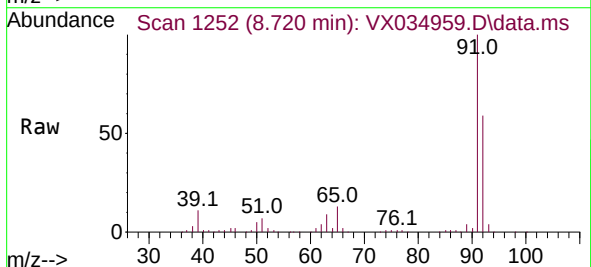
Manual Integrations
APPROVED

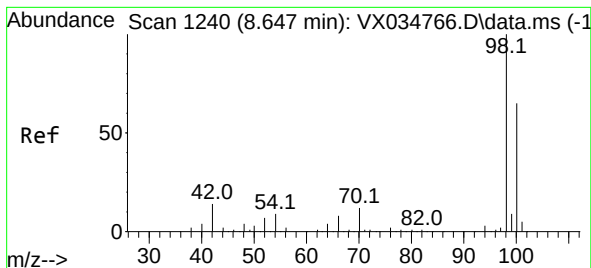
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#62
Toluene
Concen: 17.917 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

Tgt Ion: 91 Resp: 249881
Ion Ratio Lower Upper
91 100
92 58.6 46.5 69.7





#63

Toluene-d8

Concen: 29.662 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034959.D

Acq: 06 Apr 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 98 Resp: 215004

Ion Ratio Lower Upper

98 100

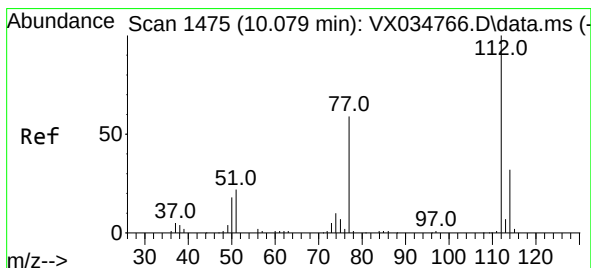
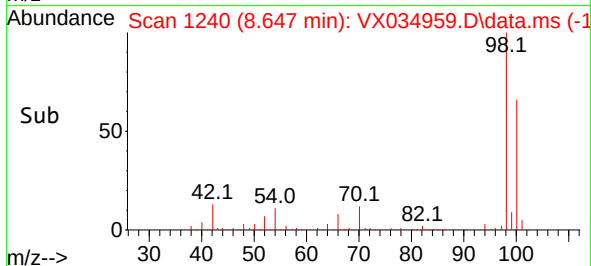
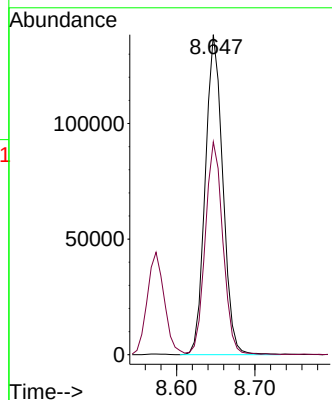
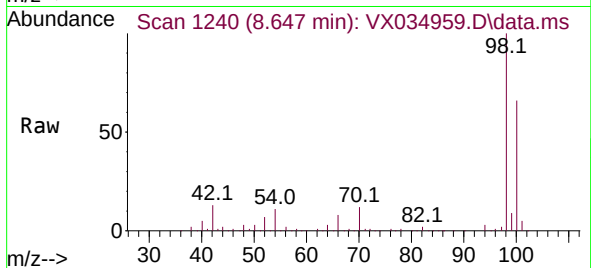
100 66.9 52.1 78.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#64

Chlorobenzene

Concen: 17.705 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.001 min

Lab File: VX034959.D

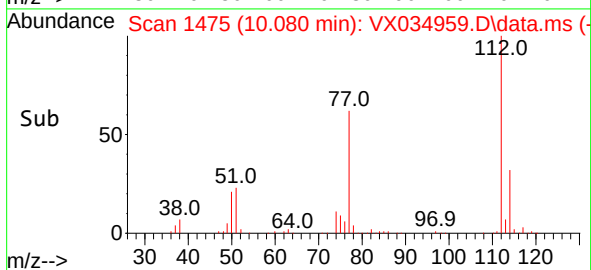
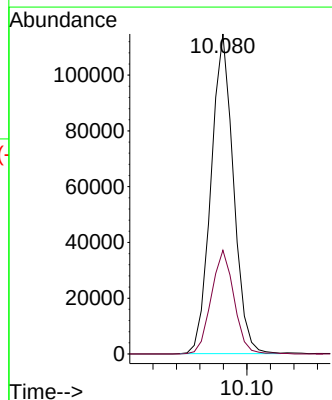
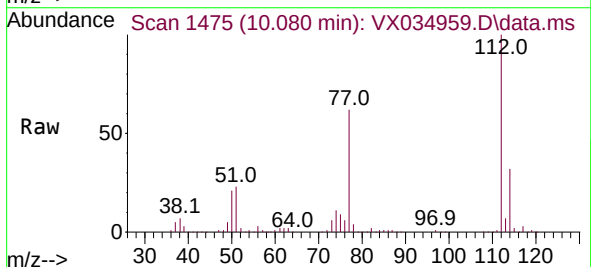
Acq: 06 Apr 2023 17:04

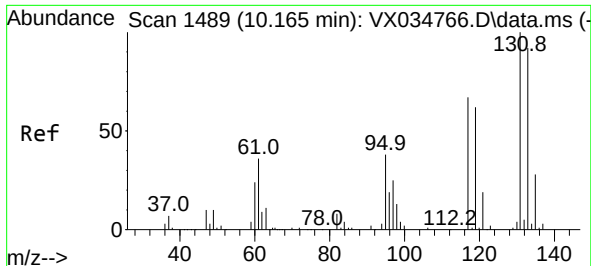
Tgt Ion:112 Resp: 152061

Ion Ratio Lower Upper

112 100

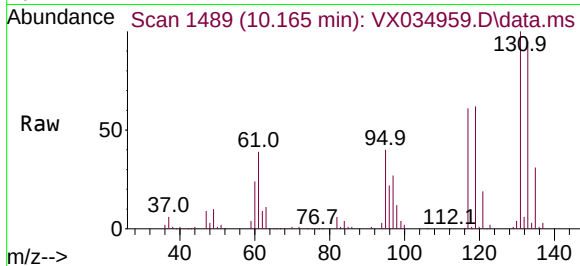
114 32.5 25.8 38.8





#65
1,1,1,2-Tetrachloroethane
Concen: 17.438 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

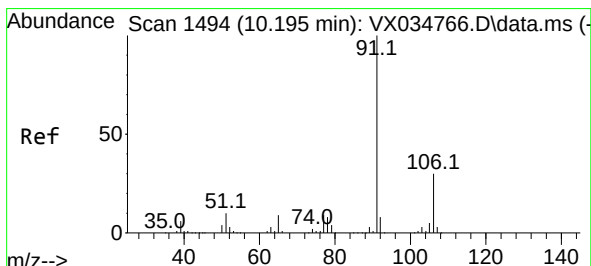
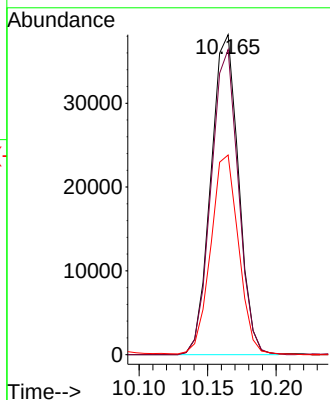
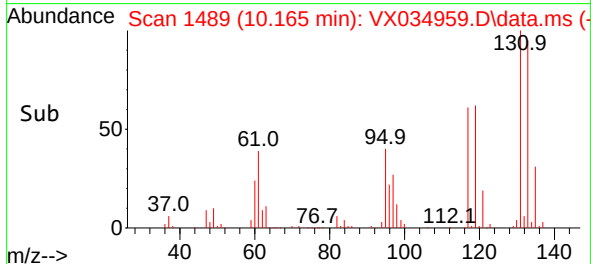
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 5354
Ion Ratio Lower Upper
131 100
133 94.2 0.0 186.6
119 63.0 0.0 128.6

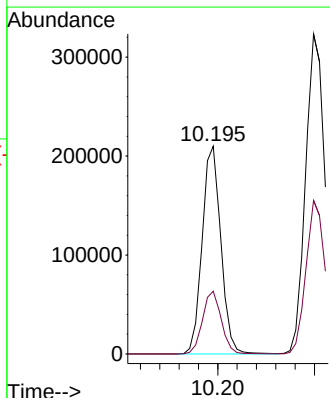
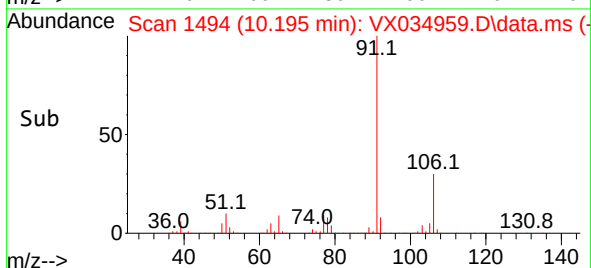
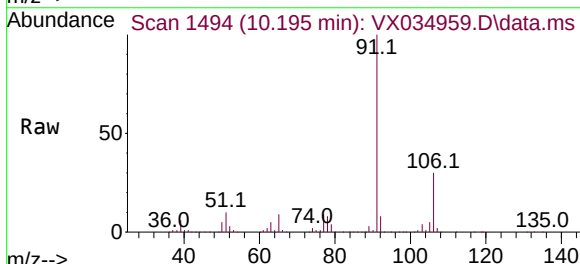
Manual Integrations
APPROVED

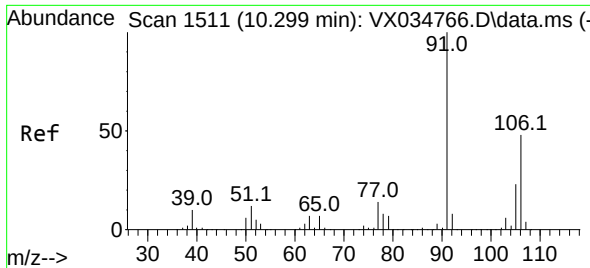
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#66
Ethyl Benzene
Concen: 18.190 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

Tgt Ion: 91 Resp: 282557
Ion Ratio Lower Upper
91 100
106 30.2 24.4 36.6





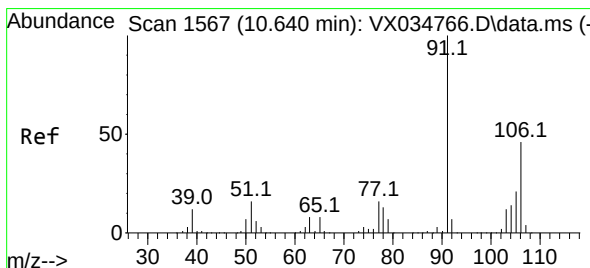
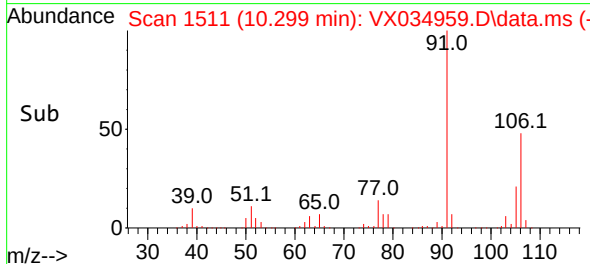
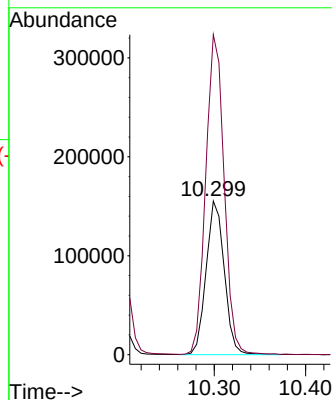
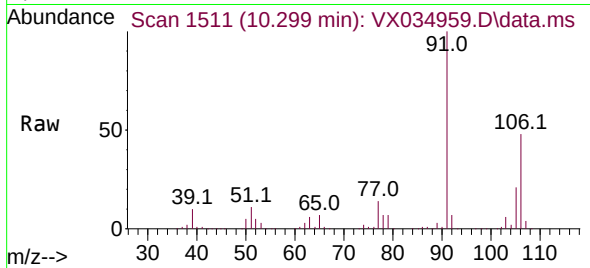
#67
m/p-Xylenes
Concen: 36.214 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 214040
Ion Ratio Lower Upper
106 100
91 210.5 167.4 251.2

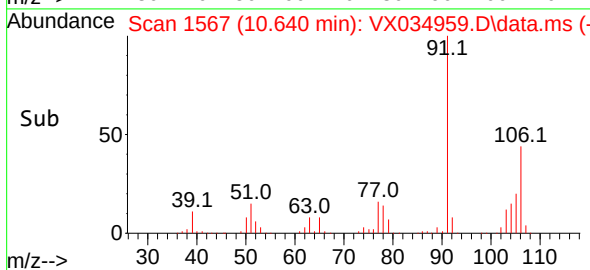
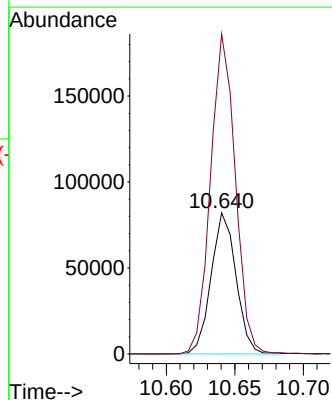
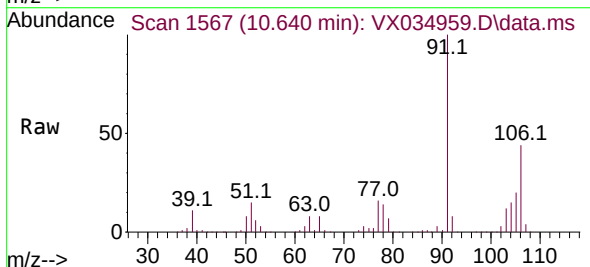
Manual Integrations
APPROVED

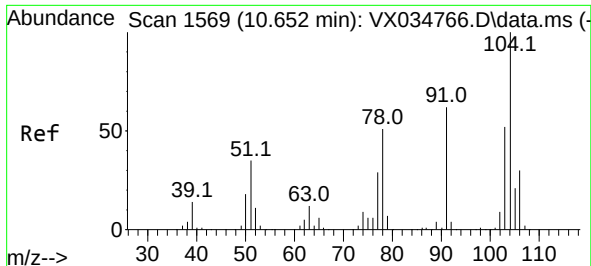
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#68
o-Xylene
Concen: 17.696 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

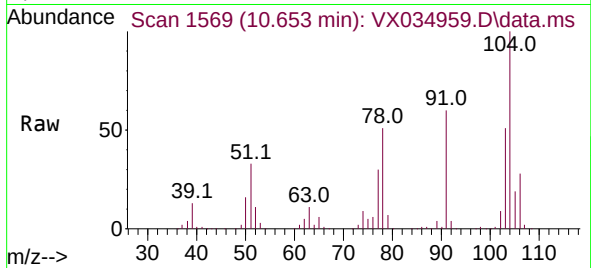
Tgt Ion:106 Resp: 103430
Ion Ratio Lower Upper
106 100
91 226.3 108.9 326.8





#69
Styrene
Concen: 17.849 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.001 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

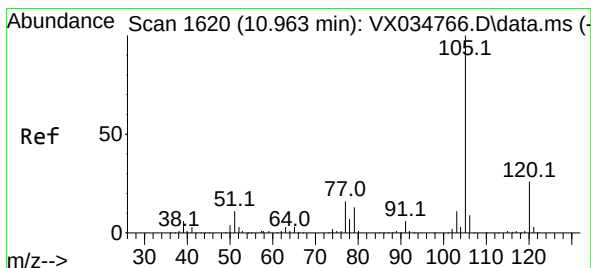
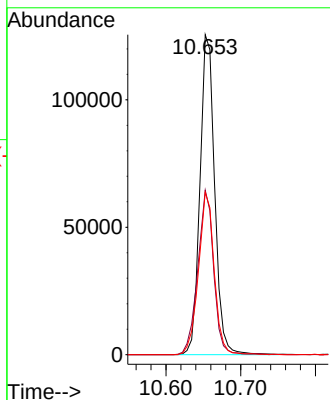
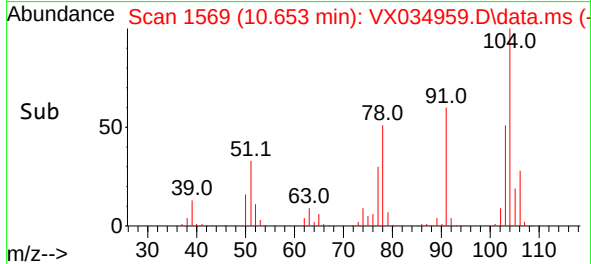
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



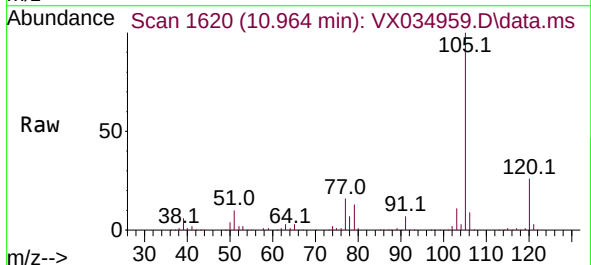
Tgt Ion:104 Resp: 171992
Ion Ratio Lower Upper
104 100
78 55.1 42.8 64.2
103 53.9 43.8 65.8

Manual Integrations
APPROVED

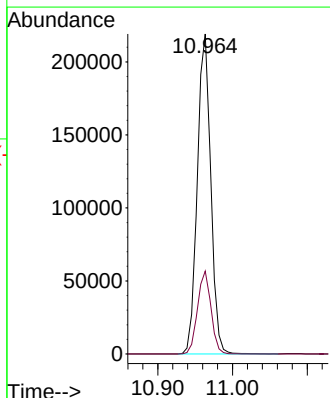
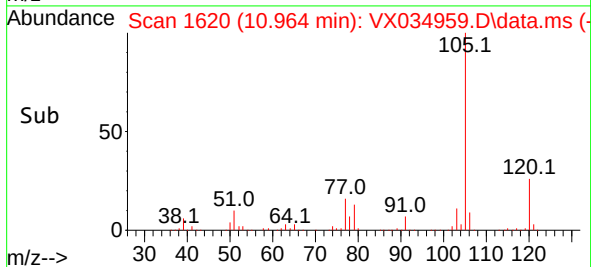
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

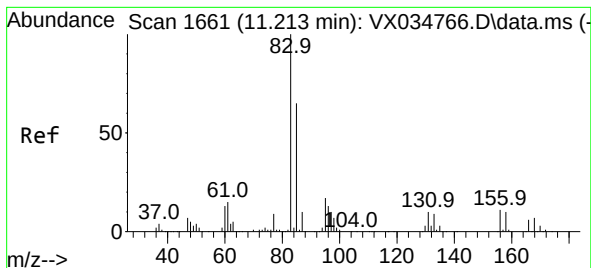


#70
Isopropylbenzene
Concen: 18.058 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04



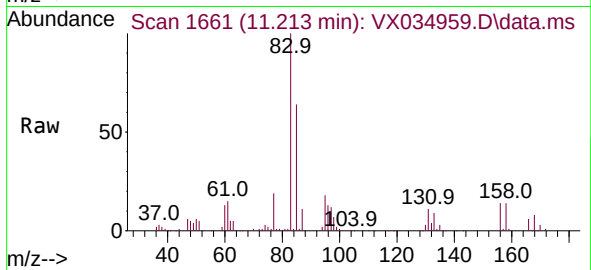
Tgt Ion:105 Resp: 273170
Ion Ratio Lower Upper
105 100
120 25.9 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 17.661 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

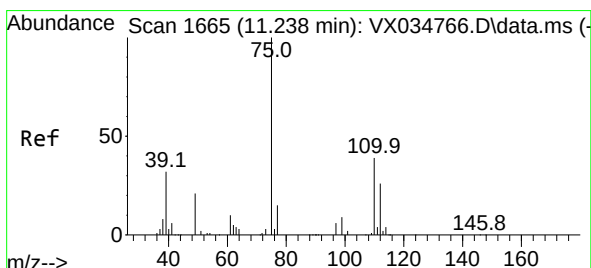
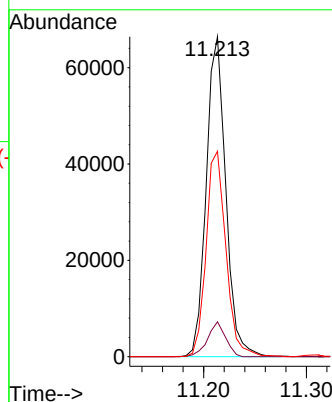
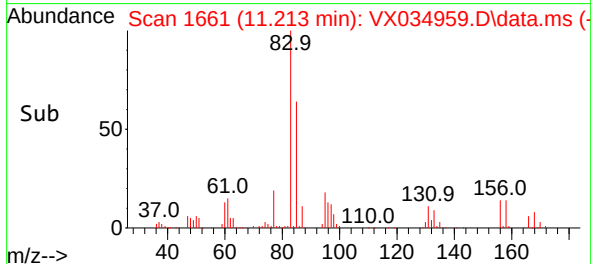
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



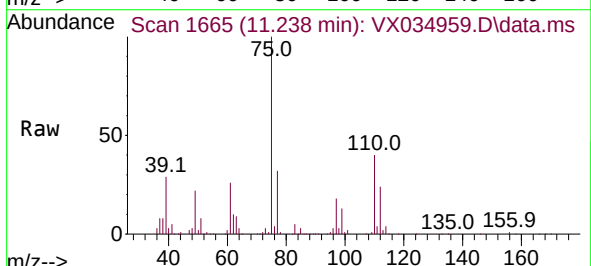
Tgt Ion: 83 Resp: 87814
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.2
85 65.2 31.9 95.5

Manual Integrations
APPROVED

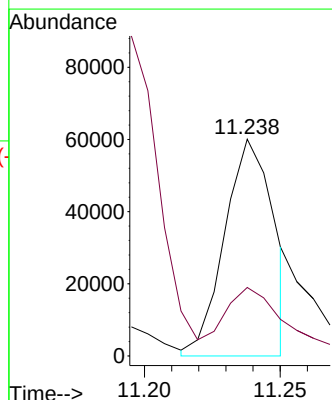
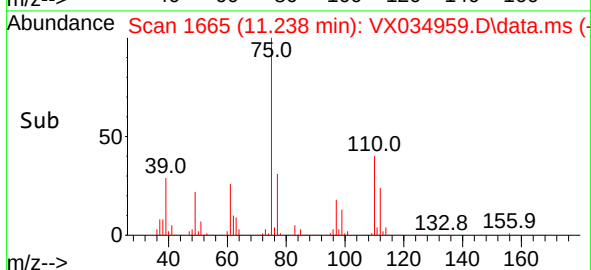
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

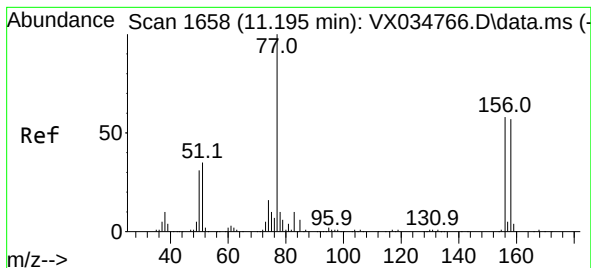


#72
1,2,3-Trichloropropane
Concen: 16.722 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04



Tgt Ion: 75 Resp: 75689
Ion Ratio Lower Upper
75 100
77 40.5 0.0 73.8





#73

Bromobenzene

Concen: 17.794 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX034959.D

Acq: 06 Apr 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:156 Resp: 64649

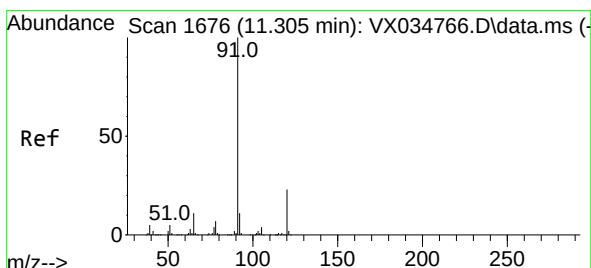
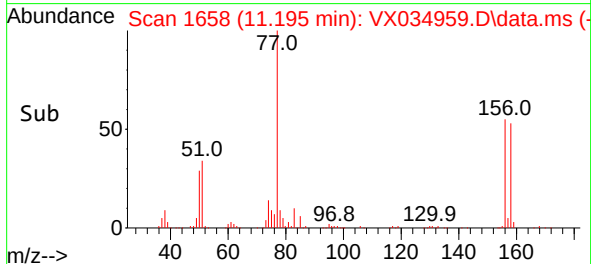
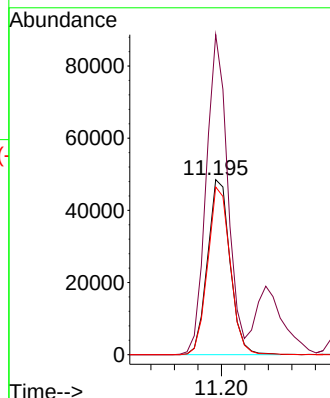
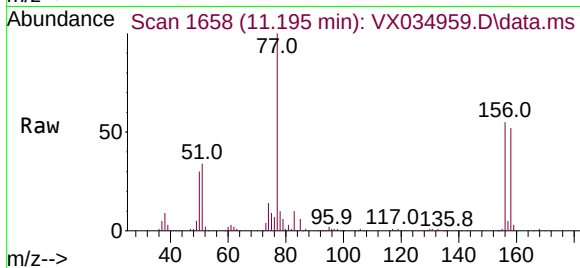
Ion	Ratio	Lower	Upper
156	100		
77	173.7	0.0	330.8
158	95.4	0.0	193.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#74

n-propylbenzene

Concen: 18.134 ug/l

RT: 11.305 min Scan# 1676

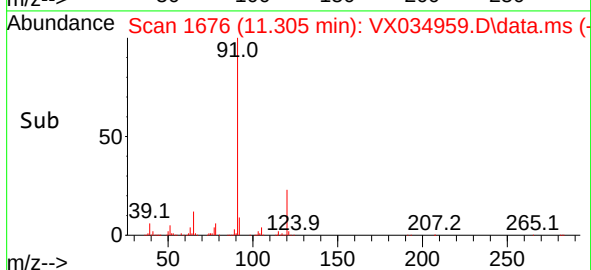
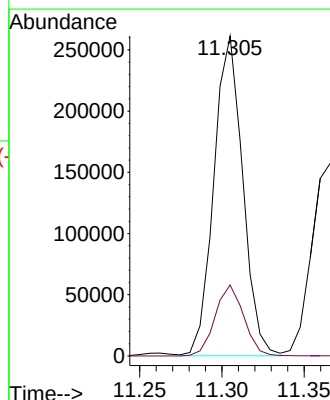
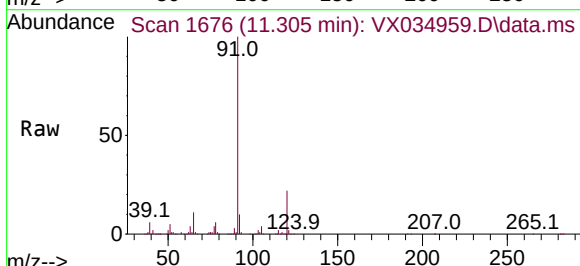
Delta R.T. -0.000 min

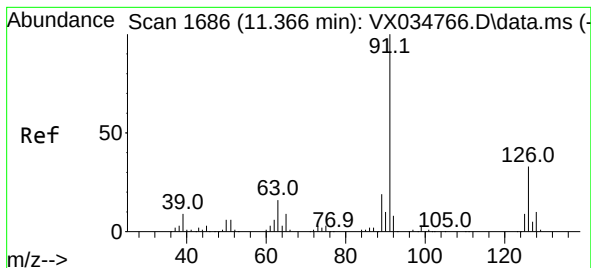
Lab File: VX034959.D

Acq: 06 Apr 2023 17:04

Tgt Ion: 91 Resp: 319336

Ion	Ratio	Lower	Upper
91	100		
120	22.0	0.0	44.8





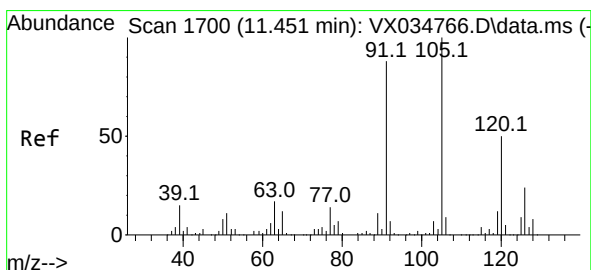
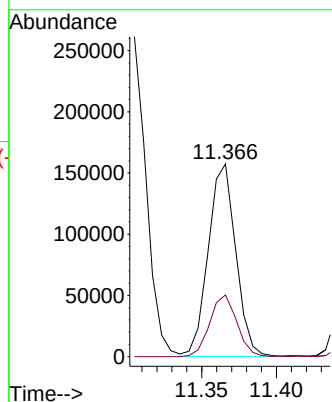
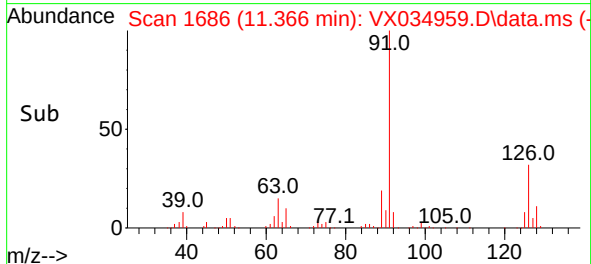
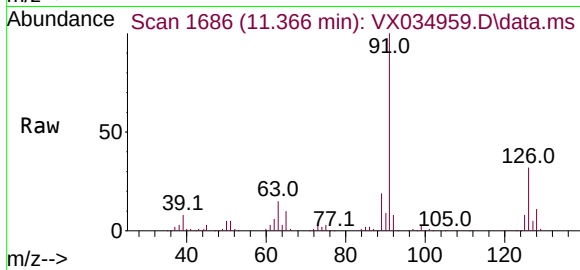
#75
2-Chlorotoluene
Concen: 18.337 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 201302
Ion Ratio Lower Upper
91 100
126 31.6 0.0 66.4

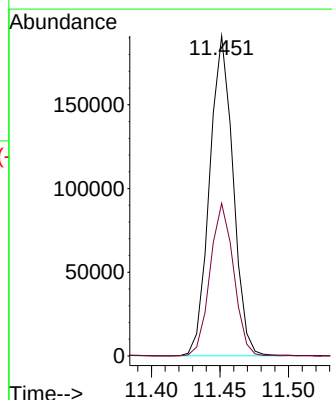
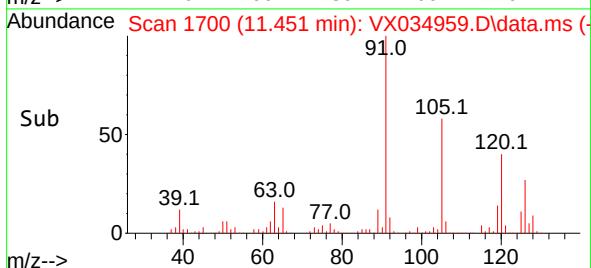
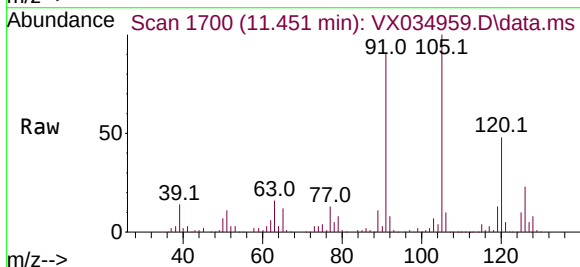
Manual Integrations
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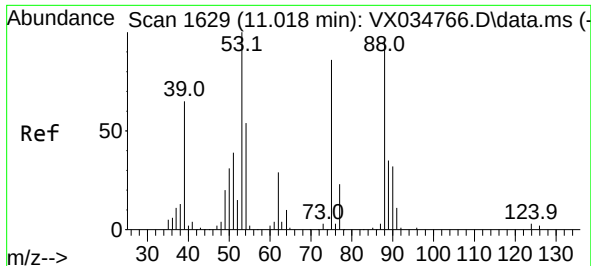
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#76
1,3,5-Trimethylbenzene
Concen: 17.875 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

Tgt Ion:105 Resp: 227613
Ion Ratio Lower Upper
105 100
120 47.8 0.0 96.4





#77

t-1,4-Dichloro-2-butene

Concen: 12.881 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034959.D

Acq: 06 Apr 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 17900

Ion Ratio Lower Upper

75 100

53 129.0 58.2 174.6

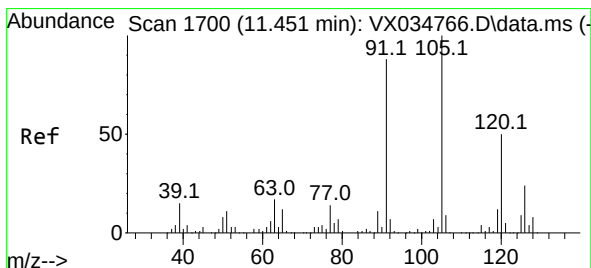
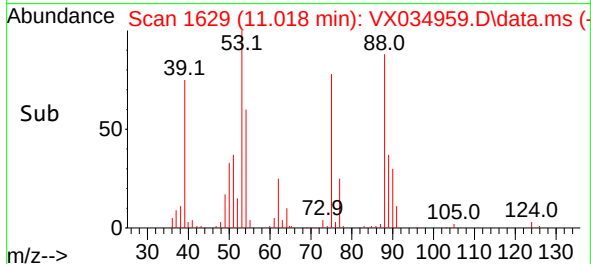
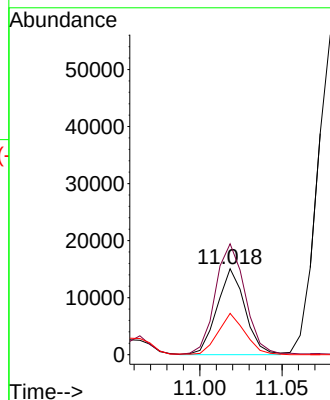
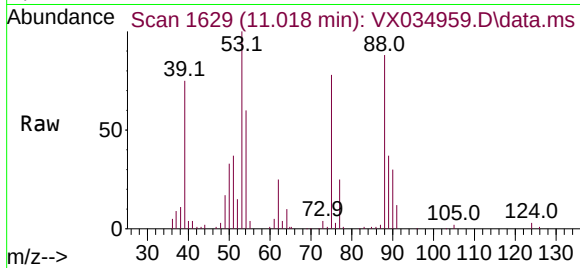
89 47.7 20.6 61.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#78

4-Chlorotoluene

Concen: 17.781 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX034959.D

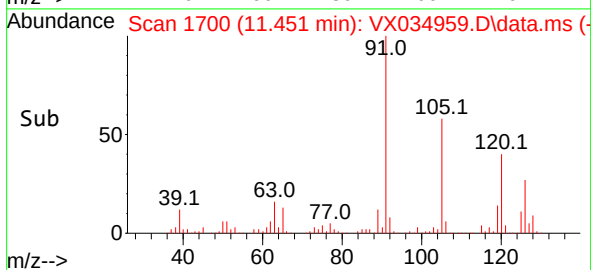
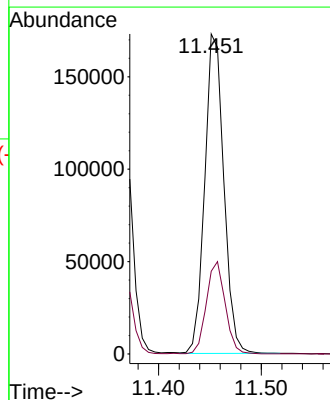
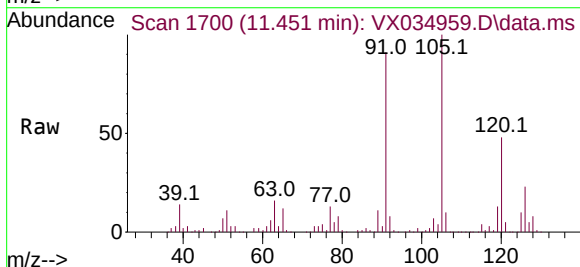
Acq: 06 Apr 2023 17:04

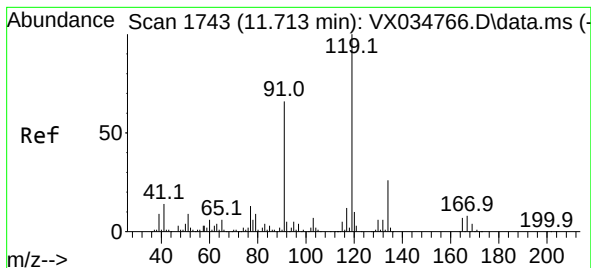
Tgt Ion: 91 Resp: 223781

Ion Ratio Lower Upper

91 100

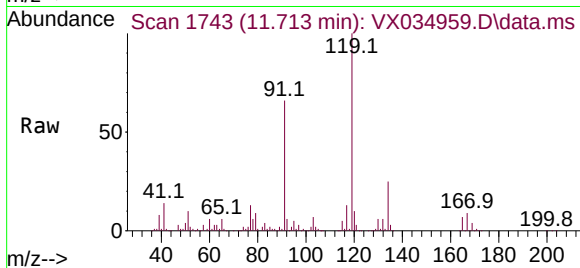
126 28.6 0.0 56.8





#79
tert-butylbenzene
Concen: 17.727 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

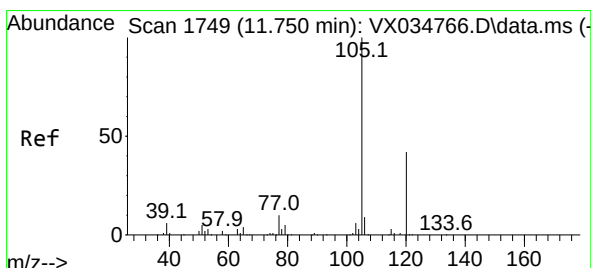
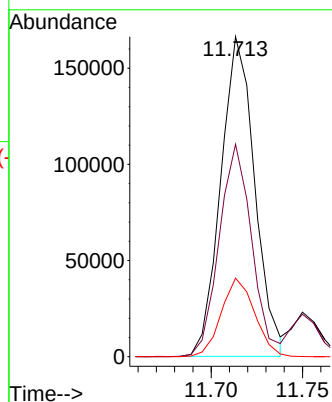
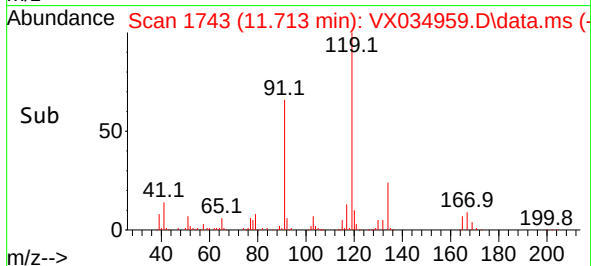
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



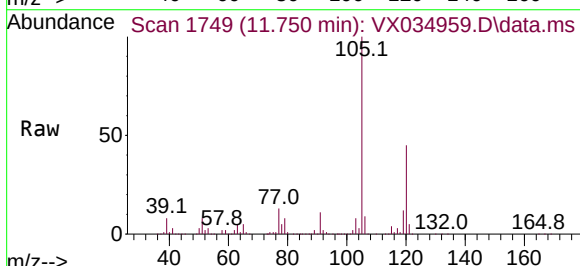
Tgt Ion:119 Resp: 215484
Ion Ratio Lower Upper
119 100
91 63.8 0.0 122.4
134 24.2 0.0 49.2

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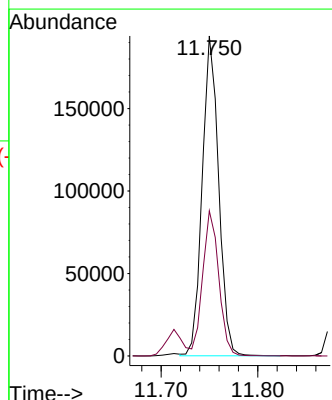
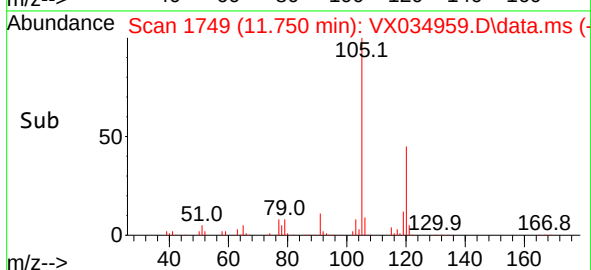
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

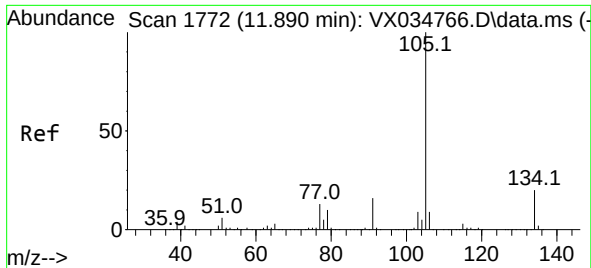


#80
1,2,4-Trimethylbenzene
Concen: 18.119 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04



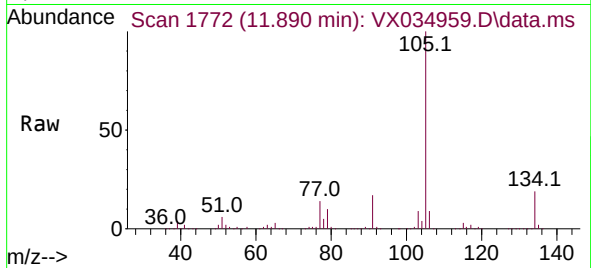
Tgt Ion:105 Resp: 229274
Ion Ratio Lower Upper
105 100
120 44.2 0.0 90.4





#81
 sec-Butylbenzene
 Concen: 17.695 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034959.D
 Acq: 06 Apr 2023 17:04

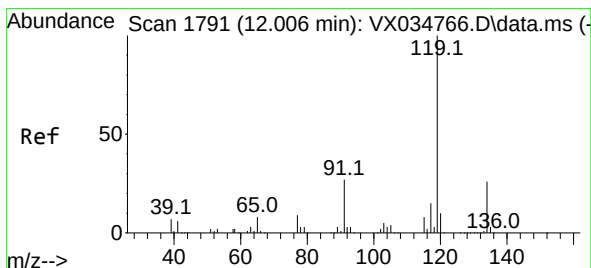
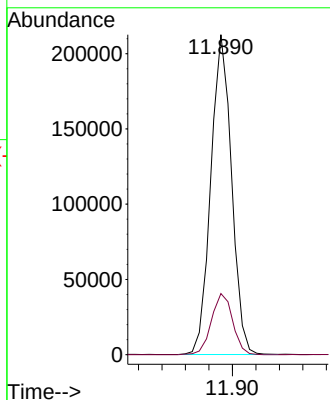
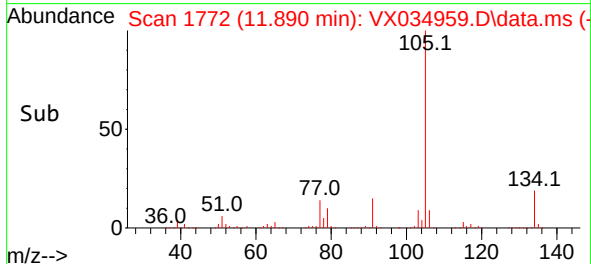
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



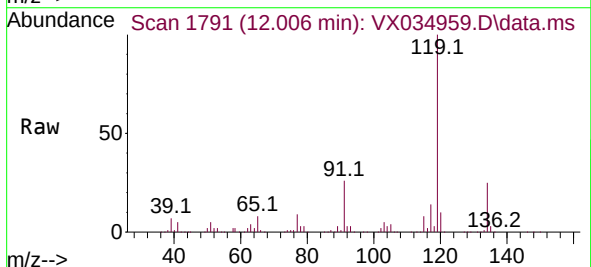
Tgt Ion:105 Resp: 26063
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 40.2

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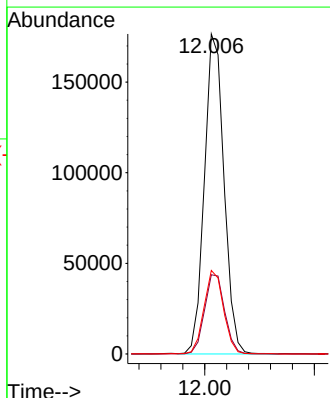
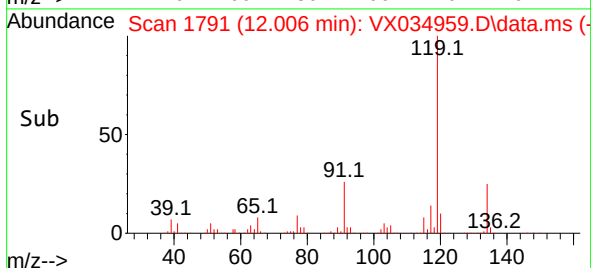
Reviewed By :John Carlone 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023

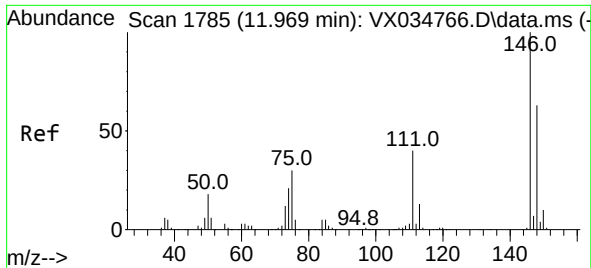


#82
 p-Isopropyltoluene
 Concen: 17.637 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034959.D
 Acq: 06 Apr 2023 17:04



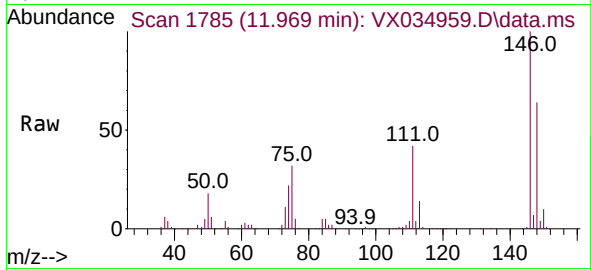
Tgt Ion:119 Resp: 219215
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 52.2
 91 26.0 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 17.424 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

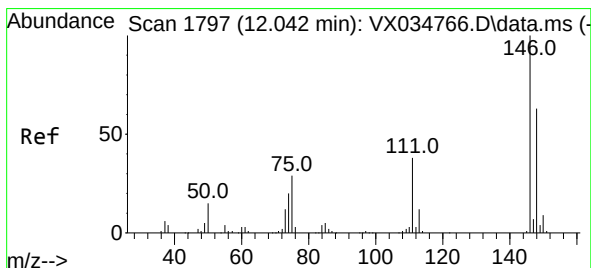
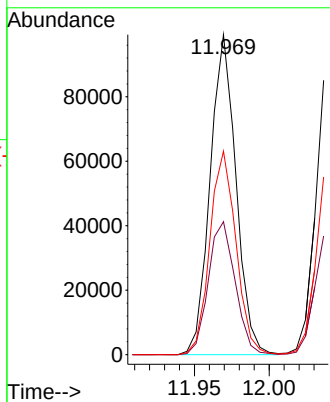
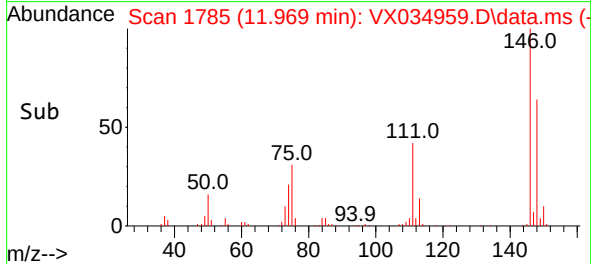
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



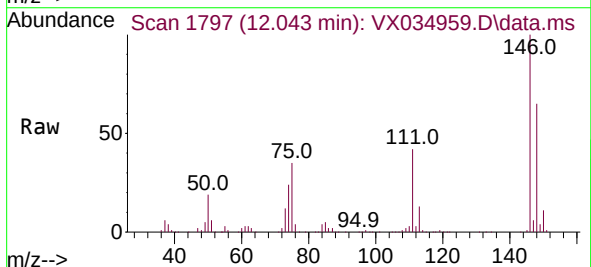
Tgt Ion:146 Resp: 11953
Ion Ratio Lower Upper
146 100
111 43.1 20.6 61.9
148 64.2 31.6 94.7

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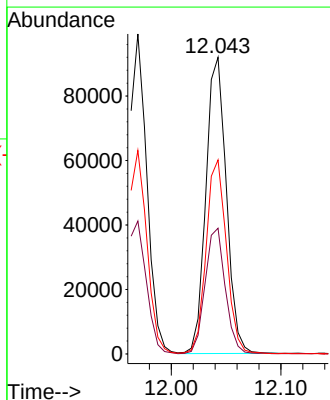
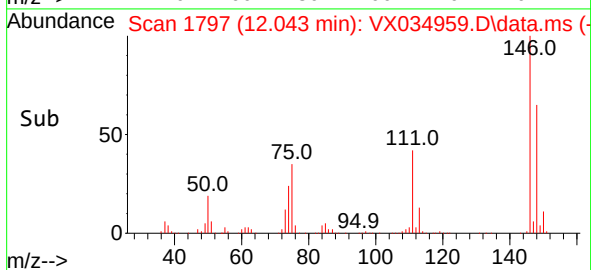
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

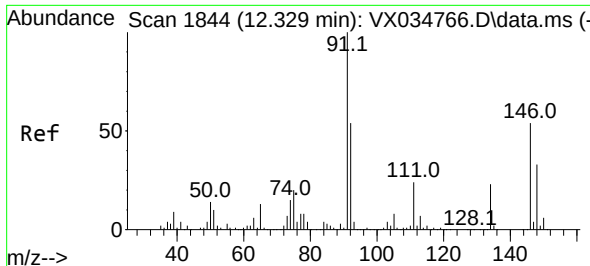


#84
1,4-Dichlorobenzene
Concen: 17.288 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.001 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04



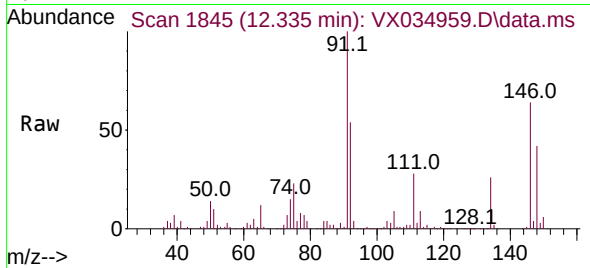
Tgt Ion:146 Resp: 119107
Ion Ratio Lower Upper
146 100
111 42.0 20.3 60.9
148 65.5 31.8 95.3





#85
n-Butylbenzene
Concen: 17.206 ug/l
RT: 12.335 min Scan# 18431
Delta R.T. 0.006 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

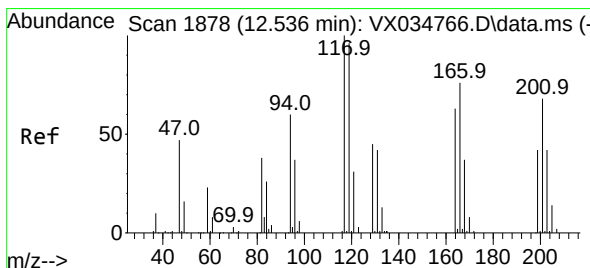
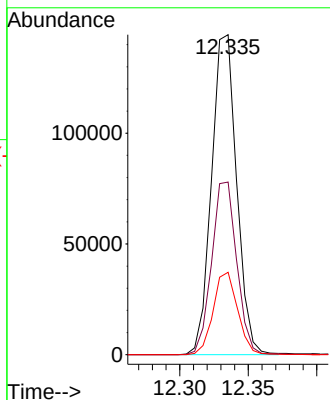
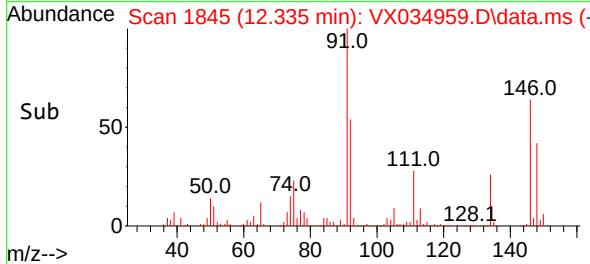
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 18431
Ion Ratio Lower Upper
91 100
92 53.5 0.0 107.6
134 25.2 0.0 49.8

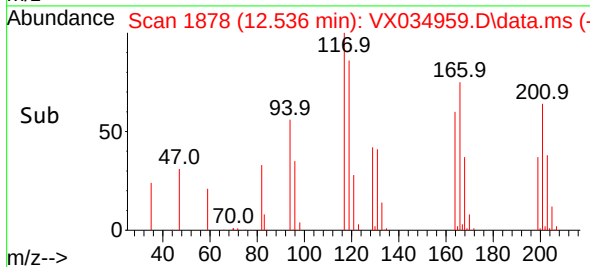
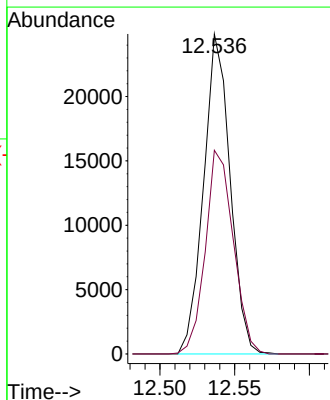
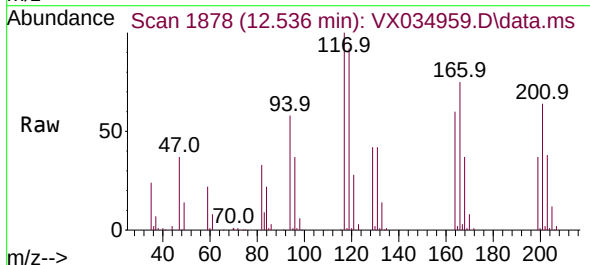
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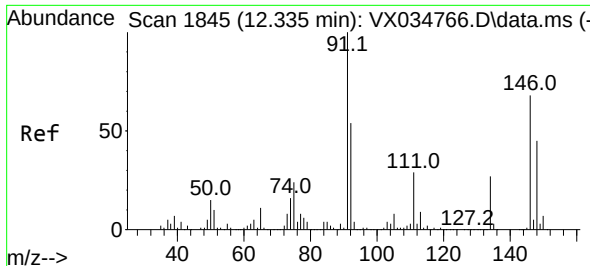
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#86
Hexachloroethane
Concen: 15.060 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

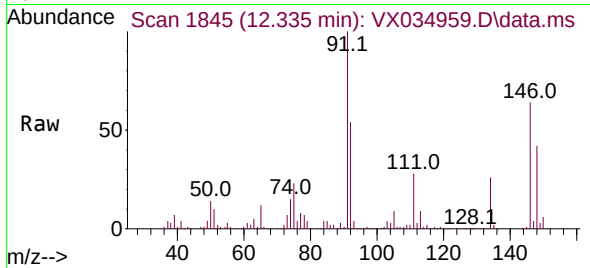
Tgt Ion:117 Resp: 30659
Ion Ratio Lower Upper
117 100
201 67.2 35.4 106.2





#87
1,2-Dichlorobenzene
Concen: 17.340 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

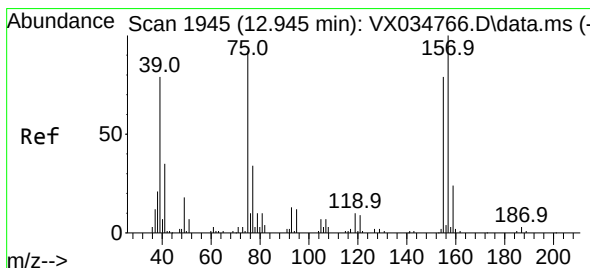
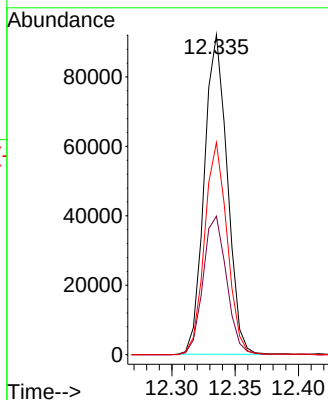
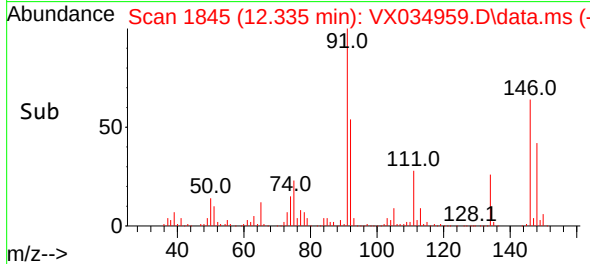
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:146 Resp: 11640
Ion Ratio Lower Upper
146 100
111 44.4 21.3 64.0
148 65.3 31.7 95.1

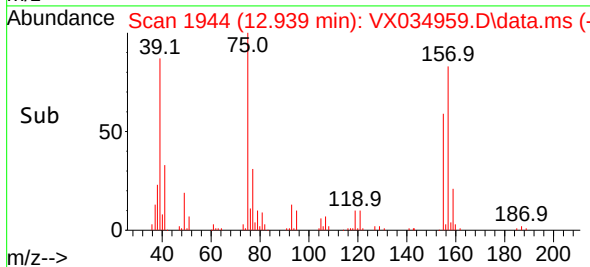
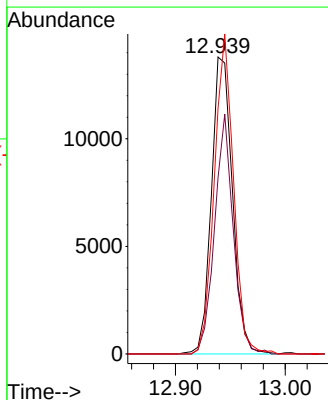
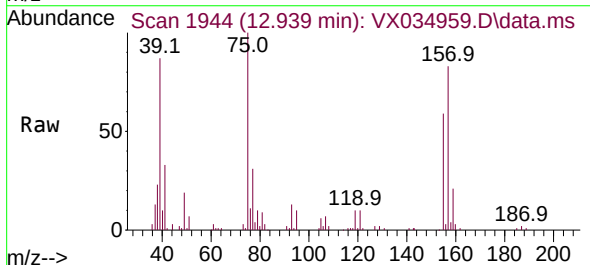
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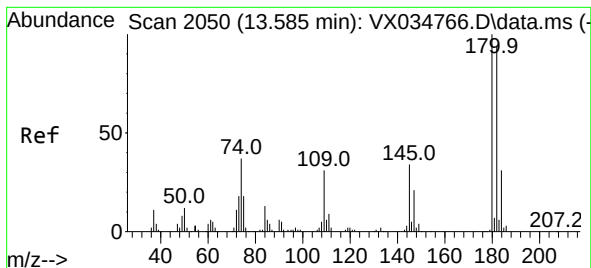
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 16.958 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

Tgt Ion: 75 Resp: 18426
Ion Ratio Lower Upper
75 100
155 71.1 63.7 95.5
157 97.8 83.7 125.5





#89

1,2,4-Trichlorobenzene

Concen: 17.109 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX034959.D

Acq: 06 Apr 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

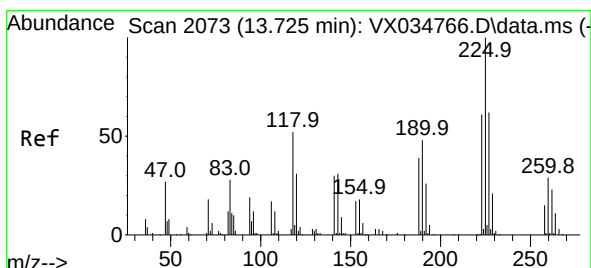
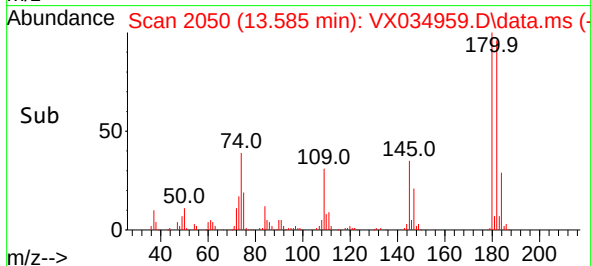
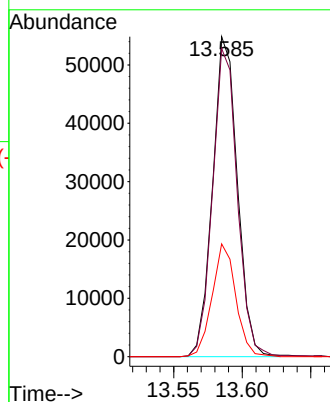
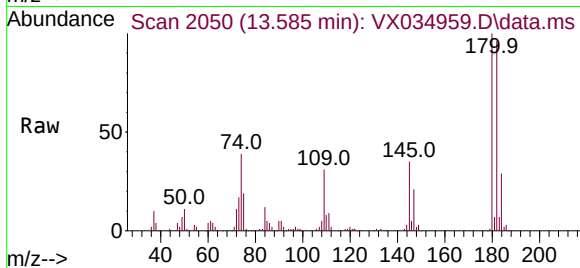
Tgt Ion:	180	Resp:	6889
Ion Ratio	Lower	Upper	
180	100		
182	96.0	75.8	113.8
145	33.8	25.8	38.6

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#90

Hexachlorobutadiene

Concen: 18.941 ug/l

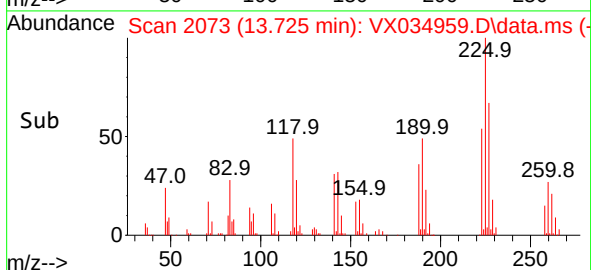
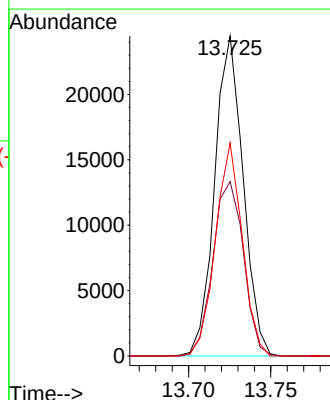
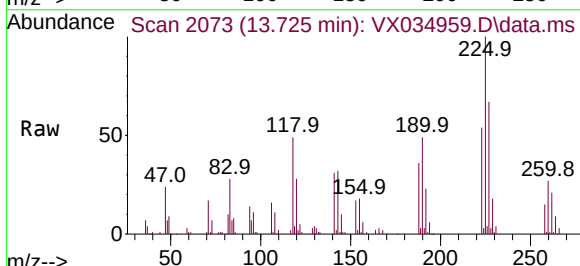
RT: 13.725 min Scan# 2073

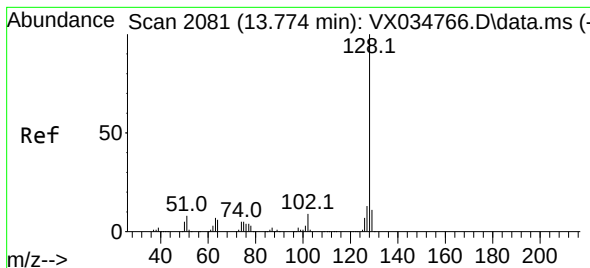
Delta R.T. 0.000 min

Lab File: VX034959.D

Acq: 06 Apr 2023 17:04

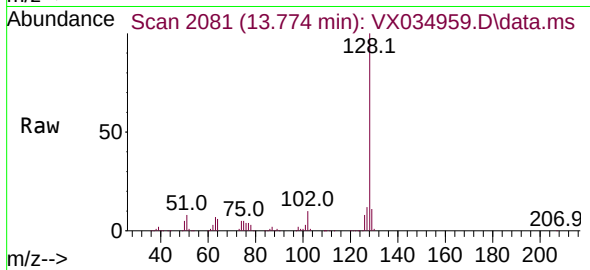
Tgt Ion:	225	Resp:	29417
Ion Ratio	Lower	Upper	
225	100		
223	58.5	0.0	124.2
227	62.7	0.0	122.8





#91
Naphthalene
Concen: 17.384 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

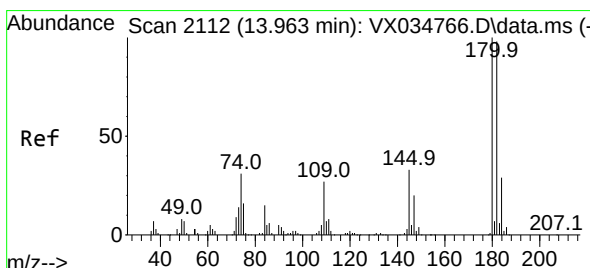
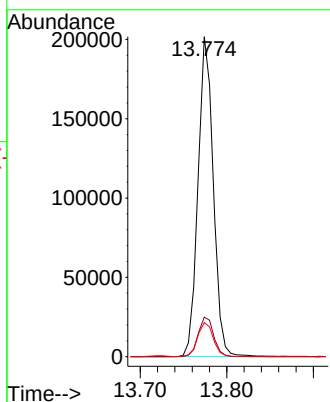
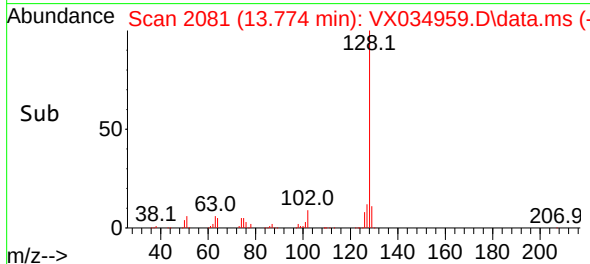
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 247344
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.9 8.8 13.2

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Supervised By :Mahesh Dadoda 04/07/2023



#92
1,2,3-Trichlorobenzene
Concen: 17.071 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034959.D
Acq: 06 Apr 2023 17:04

Tgt Ion:180 Resp: 68726
Ion Ratio Lower Upper
180 100
182 96.3 0.0 191.0
145 35.9 0.0 66.8

