

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110421\
 Data File : VX025070.D
 Acq On : 04 Nov 2021 12:04
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/08/2021
 Supervised By : Mahesh Dadoda 11/10/2021

Quant Time: Nov 07 00:00:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X110421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 03 23:52:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	23749	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	6.763	114	132470	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	116128	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	76322	33.673	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 112.233%#			
60) 4-Bromofluorobenzene	11.085	95	64842	30.603	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.000%			
63) Toluene-d8	8.653	98	164391	30.650	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.167%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	36700	20.180	ug/l	97
3) Chloromethane	1.288	50	17359	18.169	ug/l	98
4) Vinyl Chloride	1.374	62	21644	19.754	ug/l	95
5) Bromomethane	1.617	94	17067	18.973	ug/l	98
6) Chloroethane	1.691	64	11783	19.073	ug/l	98
7) Trichlorofluoromethane	1.892	101	53343	20.172	ug/l	90
8) Diethyl Ether	2.136	74	12540	20.011	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.337	101	29542	21.416	ug/l	91
10) 1,1-Dichloroethene	2.325	96	24067	20.576	ug/l	93
11) Methyl Iodide	2.453	142	28501	21.622	ug/l	81
12) Methyl Acetate	2.703	43	47052	19.146	ug/l	98
13) Acrolein	2.239	56	10981	98.101	ug/l	96
14) Acrylonitrile	3.068	53	68233	98.573	ug/l	95
15) Acetone	2.386	58	24217	114.504	ug/l	96
16) Carbon Disulfide	2.514	76	61154	20.483	ug/l	96
17) Allyl chloride	2.666	41	39590	21.219	ug/l	95
18) Methylene Chloride	2.788	84	27953	20.417	ug/l	87
19) trans-1,2-Dichloroethene	3.093	96	26421	20.548	ug/l	93
20) Diisopropyl ether	3.763	45	84052	20.823	ug/l #	86
21) 1,1-Dichloroethane	3.611	63	54240	20.250	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	30397	19.922	ug/l	86
23) tert-Butyl Alcohol	2.983	59	39185m	93.088	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	104099	21.056	ug/l #	89
25) Chloroform	5.092	83	61759	19.885	ug/l	97
26) Cyclohexane	5.477	56	48801	22.838	ug/l #	89
29) 1,1-Dichloropropene	5.696	75	47009	22.069	ug/l	92
30) 2-Butanone	4.562	43	105754	98.434	ug/l #	95
31) 2,2-Dichloropropane	4.471	77	57675	21.316	ug/l #	89
32) 1,1,1-Trichloroethane	5.385	97	57435	18.743	ug/l	98
33) Carbon Tetrachloride	5.678	117	53471	19.885	ug/l	97
34) Benzene	6.037	78	108908	20.046	ug/l	96
35) Methacrylonitrile	4.928	41	24031	22.681	ug/l	95
36) 1,2-Dichloroethane	6.086	62	50888	19.331	ug/l #	92
37) Trichloroethene	7.129	130	31134	20.504	ug/l	97
38) Methylcyclohexane	7.379	83	48478	21.193	ug/l	99
39) 1,2-Dichloropropane	7.434	63	28655	19.327	ug/l	97
40) Dibromomethane	7.586	93	23185	20.073	ug/l	92
41) Bromodichloromethane	7.824	83	46606	19.004	ug/l	99
42) Vinyl Acetate	3.721	43	316310	98.403	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	40747m	19.787	ug/l	
44) Isopropyl Acetate	6.342	43	60604	18.815	ug/l	94
45) 1,4-Dioxane	7.696	88	11922	348.550	ug/l	90
46) Methyl methacrylate	7.690	41	29126	18.496	ug/l	91
47) n-amyl Acetate	10.848	43	48765	18.774	ug/l	94
48) t-1,3-Dichloropropene	8.982	75	51416	19.463	ug/l	100
49) cis-1,3-Dichloropropene	8.366	75	50461	19.135	ug/l #	87
50) 1,1,2-Trichloroethane	9.153	97	30185	19.300	ug/l	91
51) Ethyl methacrylate	9.116	69	48333	19.174	ug/l	84
52) 1,3-Dichloropropane	9.311	76	53031	19.843	ug/l	98
53) Dibromochloromethane	9.525	129	35005	19.604	ug/l	99
54) 1,2-Dibromoethane	9.610	107	33186	18.997	ug/l	96
55) 2-Chloroethyl vinyl ether	8.244	63	108130	96.398	ug/l	98
56) Bromoform	10.799	173	22496	18.976	ug/l #	96
58) 4-Methyl-2-Pentanone	8.574	43	192680	98.424	ug/l	92
59) 2-Hexanone	9.433	43	152900	101.648	ug/l	92
61) Tetrachloroethene	9.275	164	29214	21.469	ug/l	97
62) Toluene	8.720	91	122958	20.699	ug/l	94
64) Chlorobenzene	10.079	112	73435	20.467	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	32247	20.119	ug/l	96
66) Ethyl Benzene	10.195	91	146891	20.913	ug/l	97
67) m/p-Xylenes	10.305	106	101162	41.886	ug/l	81
68) o-Xylene	10.646	106	48676	20.639	ug/l	78
69) Styrene	10.659	104	84832	21.173	ug/l	93
70) Isopropylbenzene	10.963	105	146984	21.450	ug/l	93
71) 1,1,2,2-Tetrachloroethane	11.213	83	45799	20.247	ug/l	99
72) 1,2,3-Trichloropropane	11.244	75	44639m	20.375	ug/l	
73) Bromobenzene	11.201	156	31754	20.738	ug/l	84
74) n-propylbenzene	11.305	91	170156	20.938	ug/l	98
75) 2-Chlorotoluene	11.366	91	106232	20.859	ug/l	92
76) 1,3,5-Trimethylbenzene	11.451	105	125471	20.995	ug/l	91
77) t-1,4-Dichloro-2-butene	11.018	75	14418	19.545	ug/l	98
78) 4-Chlorotoluene	11.457	91	118982	20.470	ug/l	95
79) tert-butylbenzene	11.719	119	118354	21.020	ug/l	93
80) 1,2,4-Trimethylbenzene	11.756	105	120579	20.517	ug/l	96
81) sec-Butylbenzene	11.890	105	153135	21.860	ug/l	98
82) p-Isopropyltoluene	12.012	119	122892	21.150	ug/l	94
83) 1,3-Dichlorobenzene	11.969	146	57560	20.215	ug/l	96
84) 1,4-Dichlorobenzene	12.042	146	55232	19.478	ug/l	95
85) n-Butylbenzene	12.335	91	106056	20.013	ug/l	95
86) Hexachloroethane	12.542	117	21310	20.572	ug/l	87
87) 1,2-Dichlorobenzene	12.335	146	51399	18.334	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	12.945	75	12469	20.153	ug/l #	76
89) 1,2,4-Trichlorobenzene	13.591	180	36830	21.687	ug/l	94
90) Hexachlorobutadiene	13.725	225	18493	21.553	ug/l	98
91) Naphthalene	13.780	128	115781	19.949	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	35759	20.644	ug/l	97

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

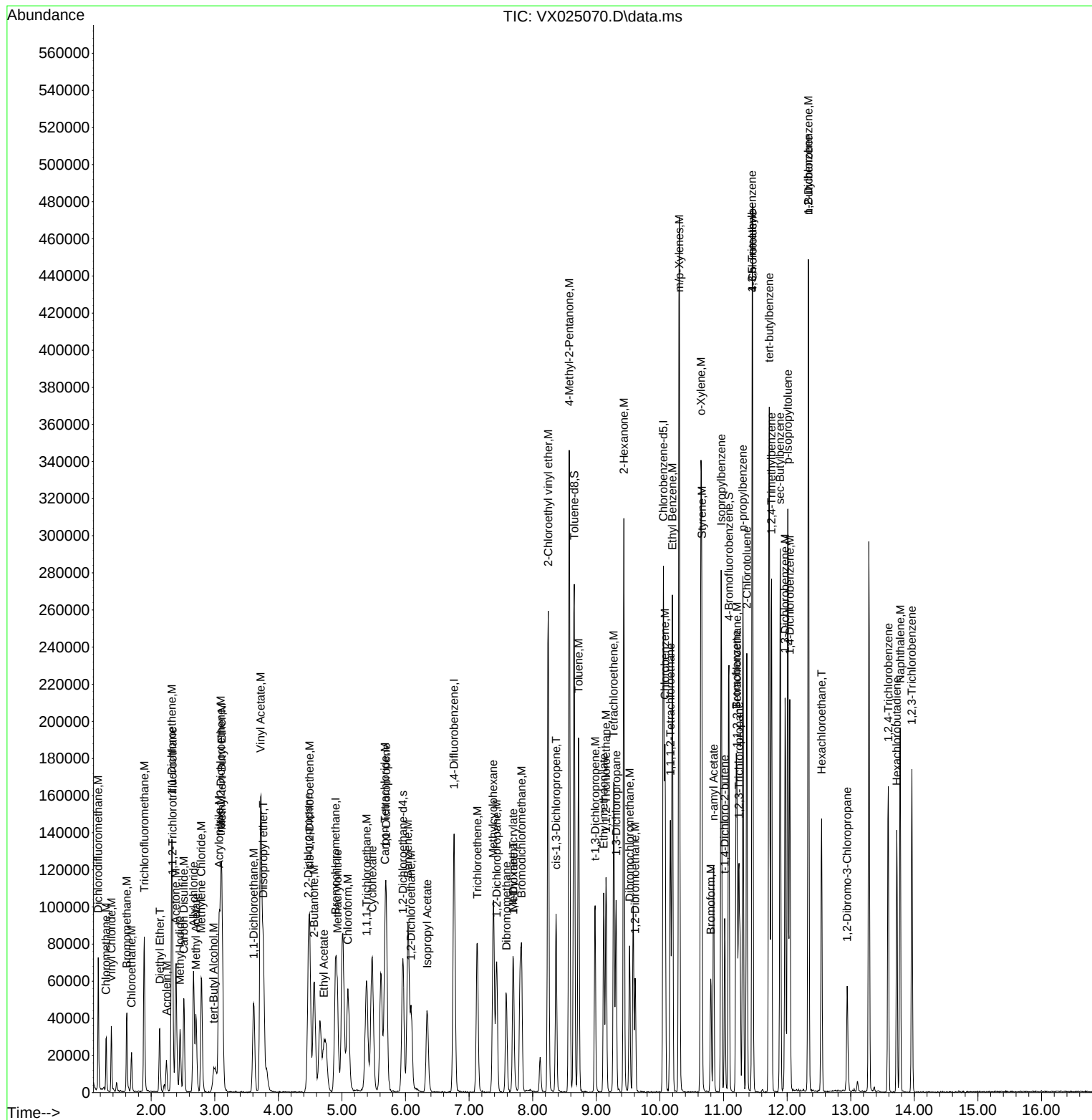
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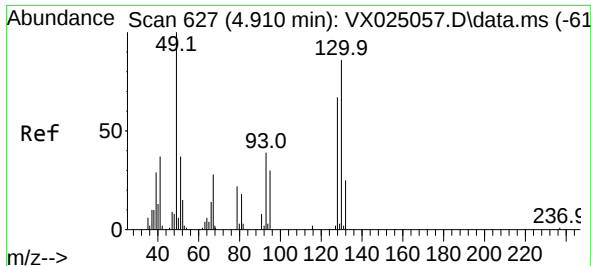
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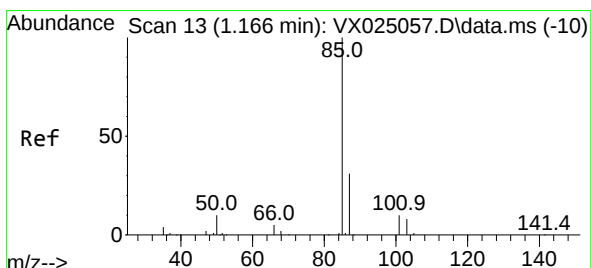
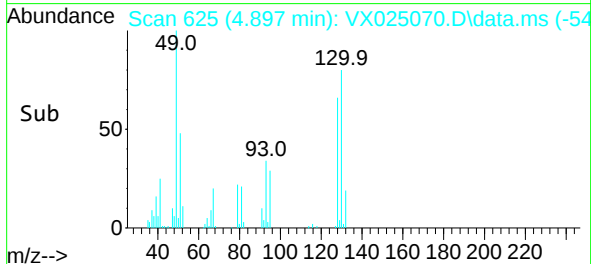
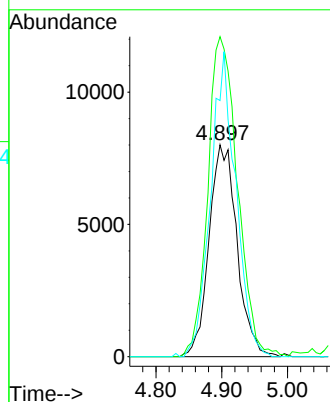
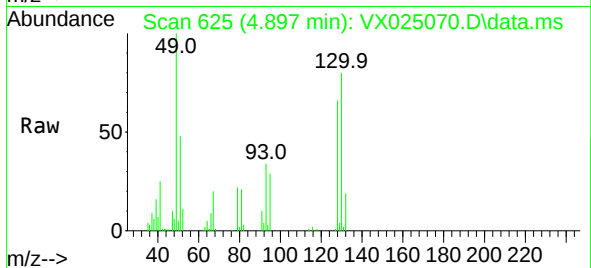
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.013 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 23749
Ion Ratio Lower Upper
128 100
49 159.5 0.0 402.5
130 129.7 0.0 326.5

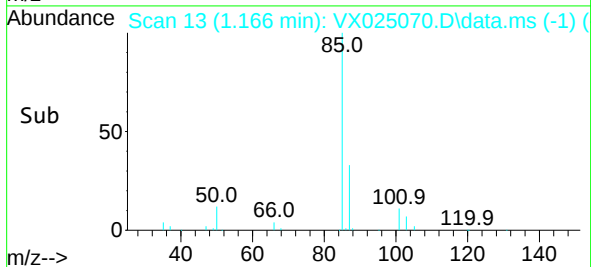
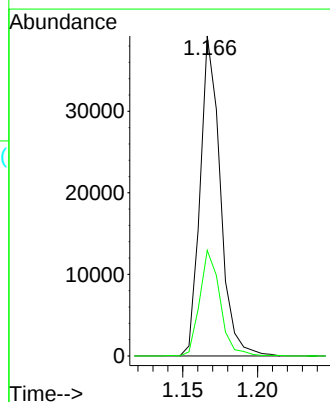
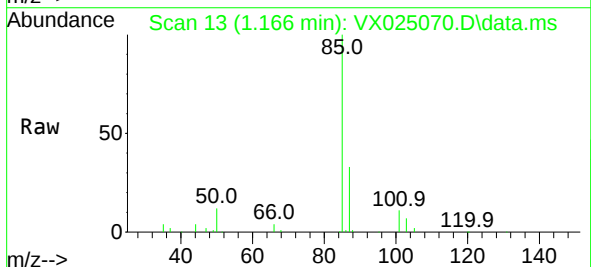
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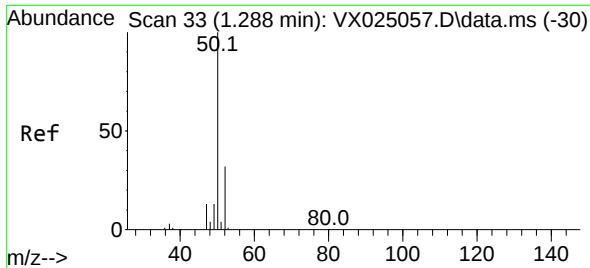
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#2
Dichlorodifluoromethane
Concen: 20.180 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

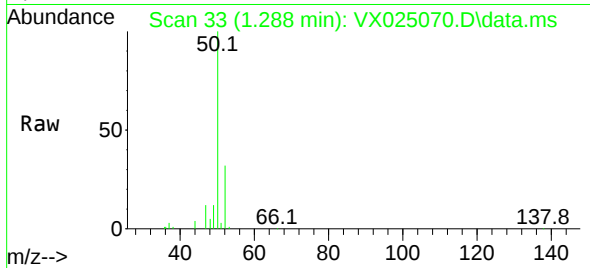
Tgt Ion: 85 Resp: 36700
Ion Ratio Lower Upper
85 100
87 33.0 15.6 46.8





#3
Chloromethane
Concen: 18.169 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

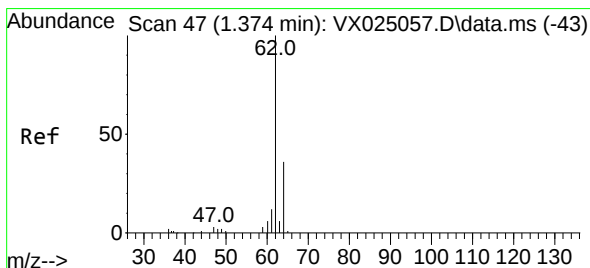
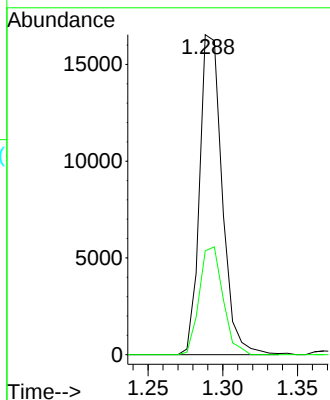
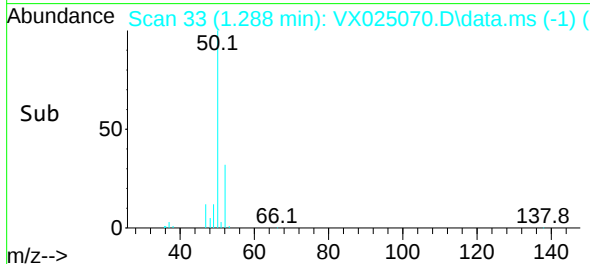
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Tgt Ion: 50 Resp: 17359
Ion Ratio Lower Upper
50 100
52 32.5 26.9 40.3

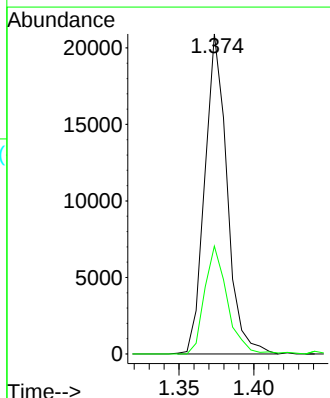
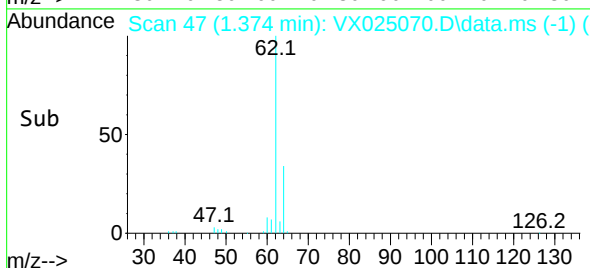
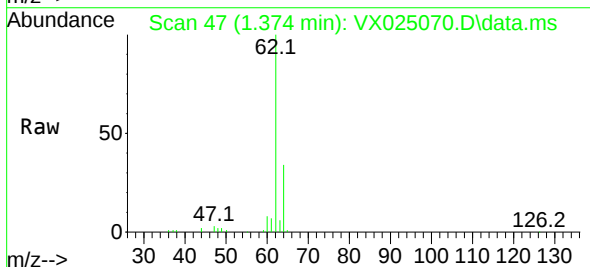
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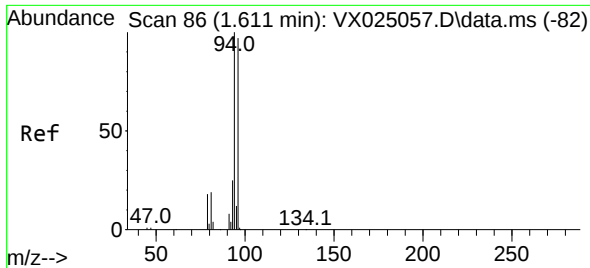
Reviewed By :John Carlone 11/08/2021
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#4
Vinyl Chloride
Concen: 19.754 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

Tgt Ion: 62 Resp: 21644
Ion Ratio Lower Upper
62 100
64 33.7 25.0 37.4





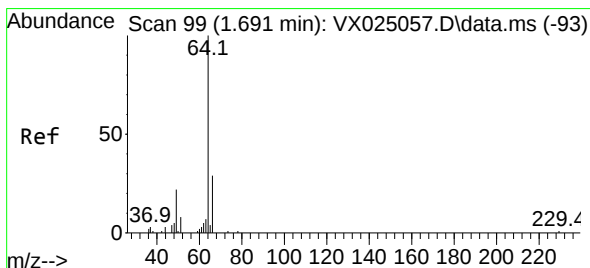
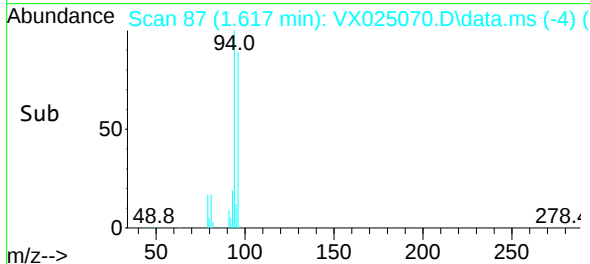
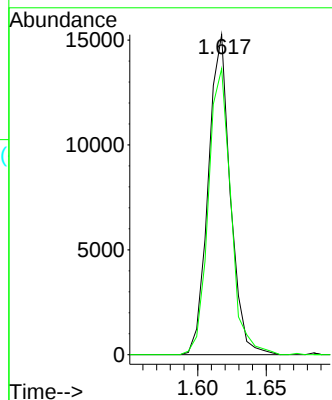
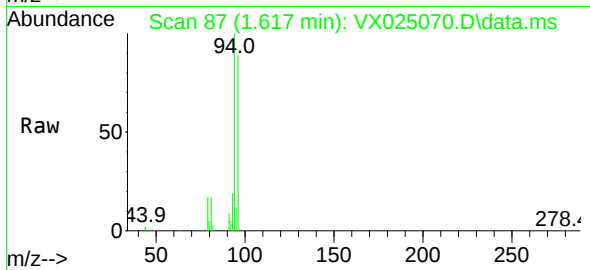
#5
Bromomethane
Concen: 18.973 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

Instrument :
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Tgt Ion: 94 Resp: 1706
Ion Ratio Lower Upper
94 100
96 89.4 72.8 109.2

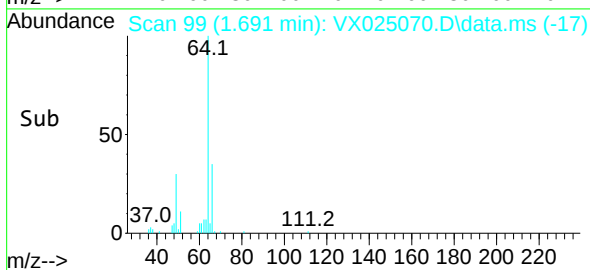
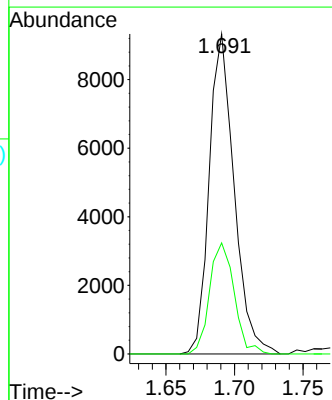
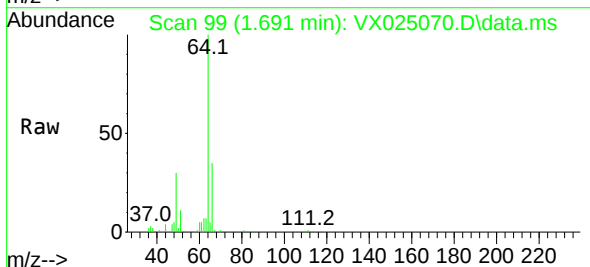
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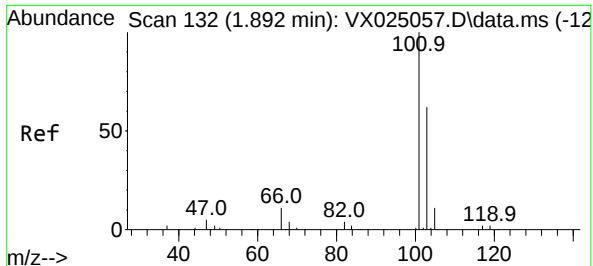
Reviewed By :John Carlone 11/08/2021
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#6
Chloroethane
Concen: 19.073 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

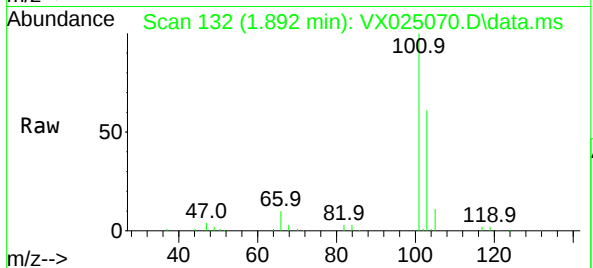
Tgt Ion: 64 Resp: 11783
Ion Ratio Lower Upper
64 100
66 34.7 26.8 40.2





#7
Trichlorofluoromethane
Concen: 20.172 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025070.D
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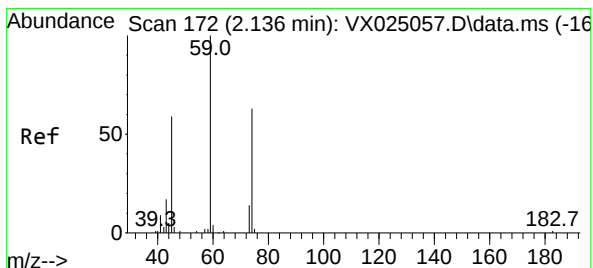
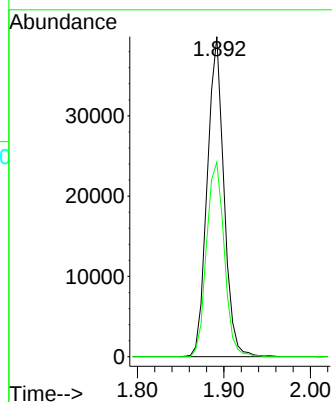
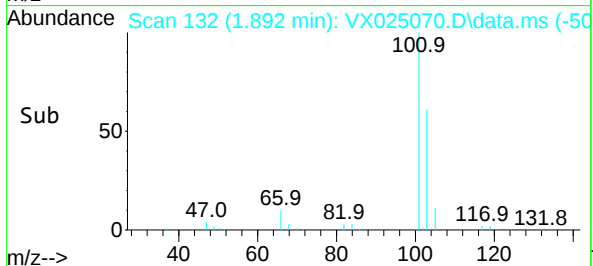
Instrument :
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Tgt Ion:101 Resp: 5334
Ion Ratio Lower Upper
101 100
103 60.8 55.0 82.6

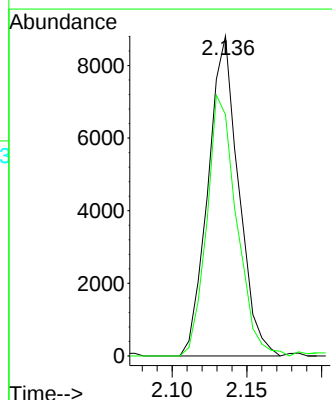
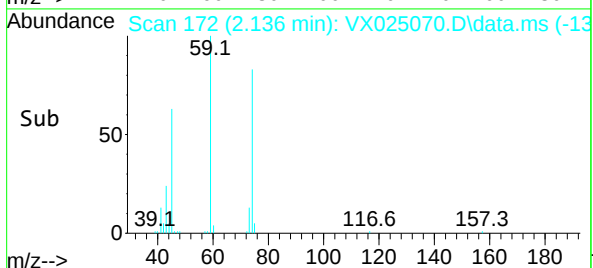
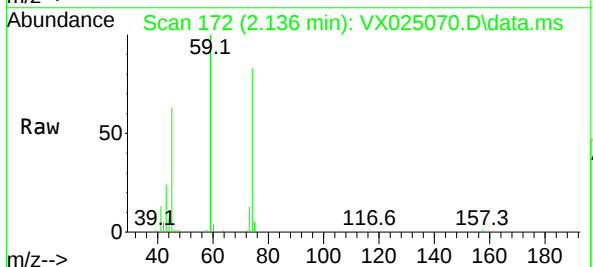
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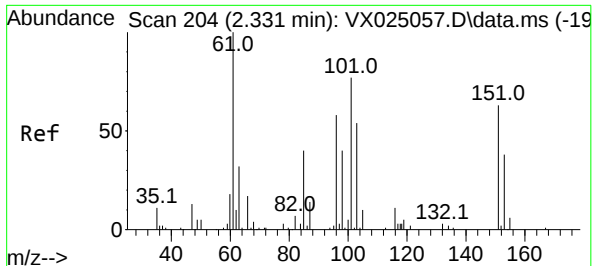
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#8
Diethyl Ether
Concen: 20.011 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

Tgt Ion: 74 Resp: 12540
Ion Ratio Lower Upper
74 100
45 79.4 19.9 179.1





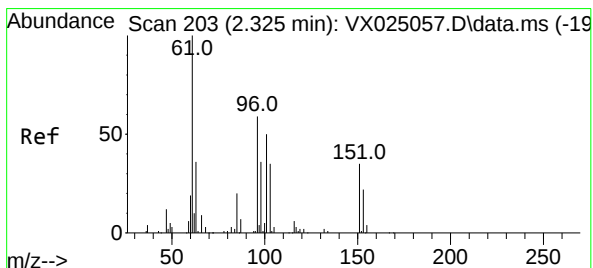
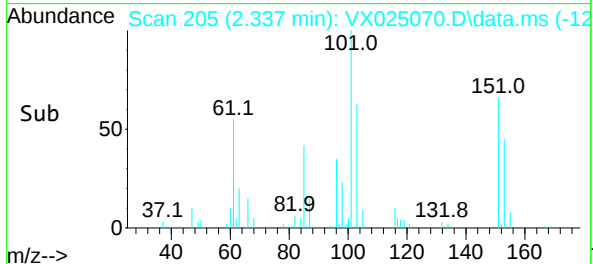
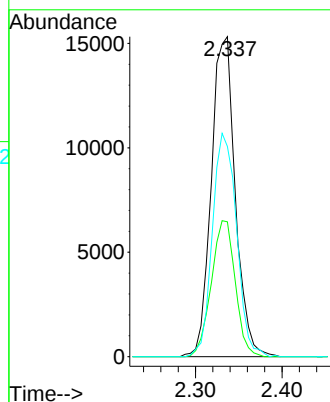
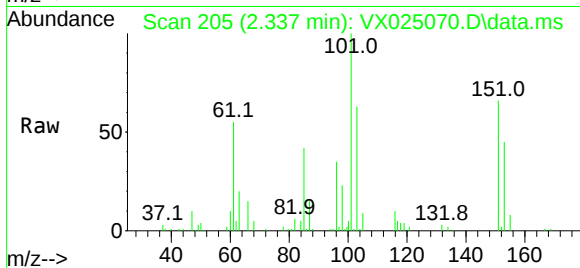
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.416 ug/l
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX025070.D
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VSTDCCC020

Tgt Ion:101 Resp: 2954
Ion Ratio Lower Upper
101 100
85 42.3 0.0 91.4
151 70.3 0.0 160.0

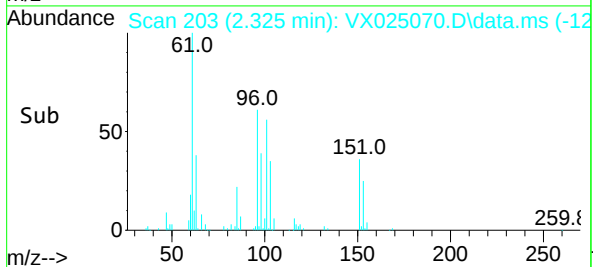
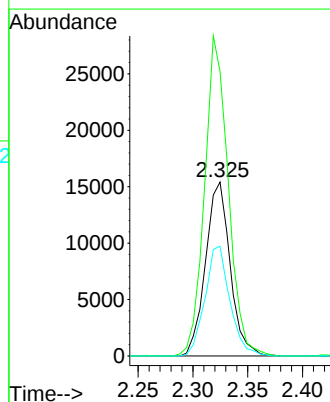
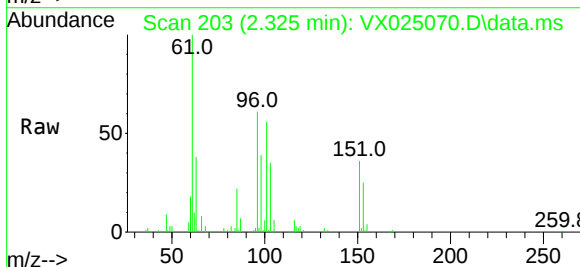
Manual Integrations
APPROVED

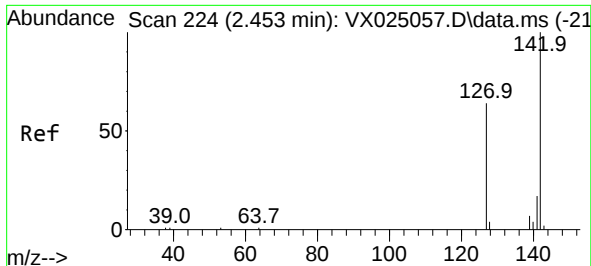
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#10
1,1-Dichloroethene
Concen: 20.576 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

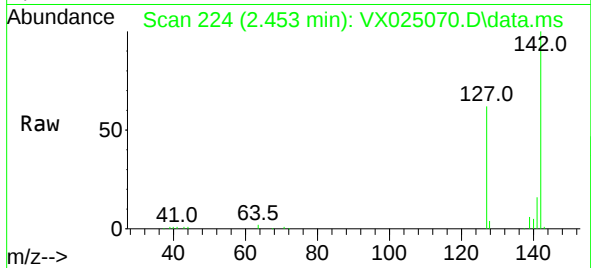
Tgt Ion: 96 Resp: 24067
Ion Ratio Lower Upper
96 100
61 163.6 140.3 210.5
98 63.1 52.8 79.2





#11
Methyl Iodide
Concen: 21.622 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

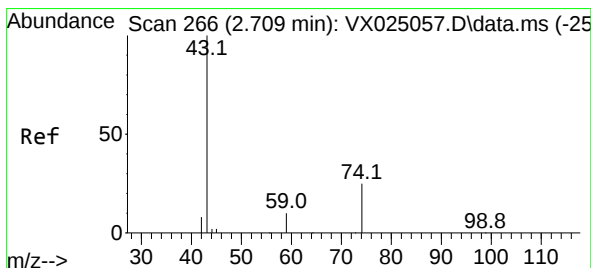
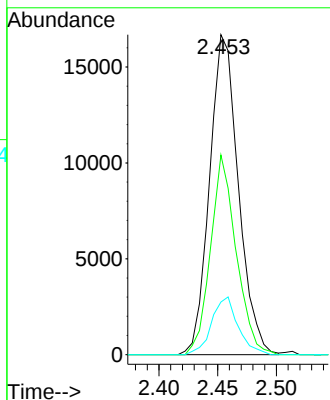
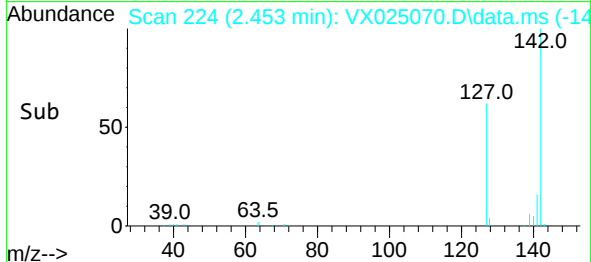
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:142 Resp: 2850
Ion Ratio Lower Upper
142 100
127 62.5 23.6 71.0
141 16.5 7.1 21.3

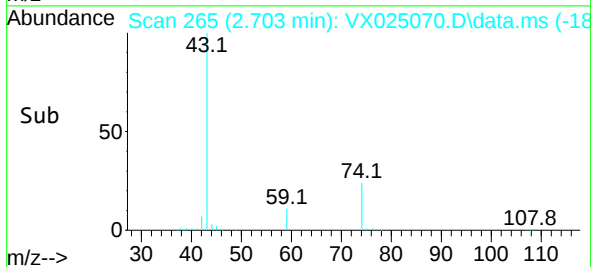
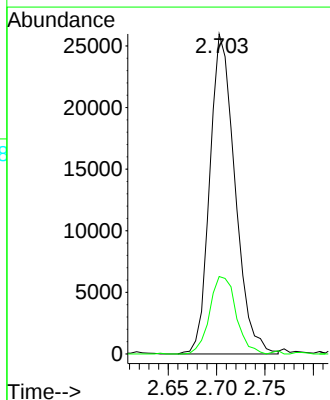
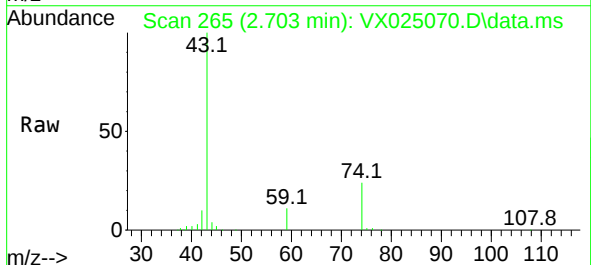
Manual Integrations
APPROVED

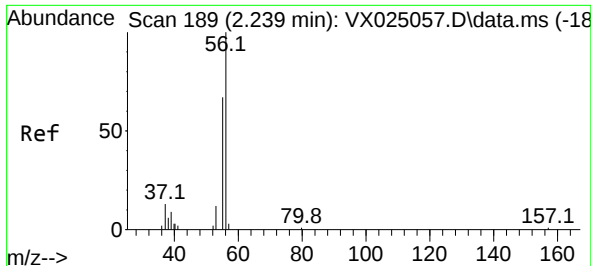
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#12
Methyl Acetate
Concen: 19.146 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

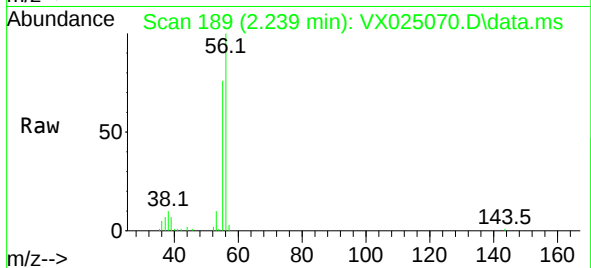
Tgt Ion: 43 Resp: 47052
Ion Ratio Lower Upper
43 100
74 23.8 18.2 27.2





#13
Acrolein
Concen: 98.101 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

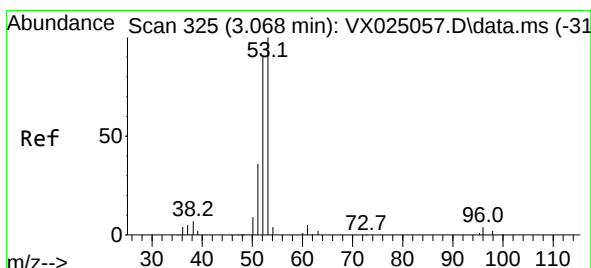
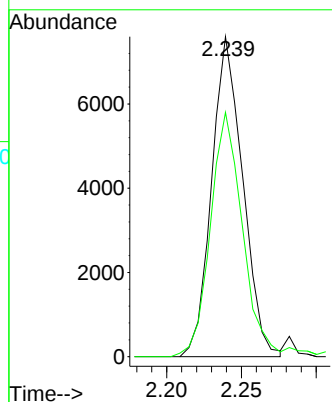
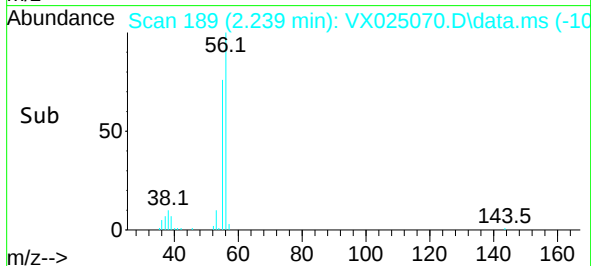
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



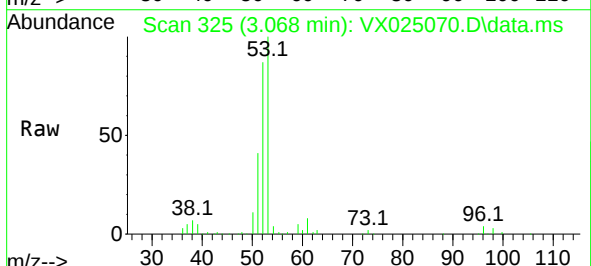
Tgt Ion: 56 Resp: 1098
Ion Ratio Lower Upper
56 100
55 78.1 59.5 89.3

Manual Integrations
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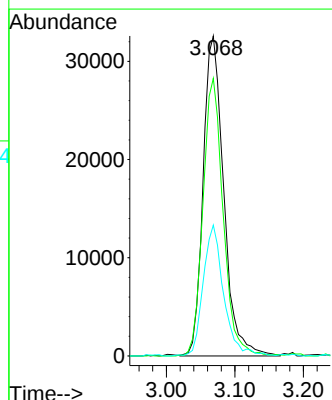
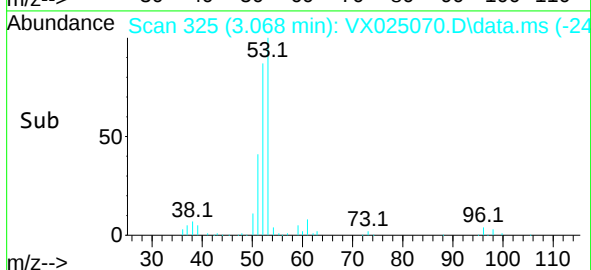
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

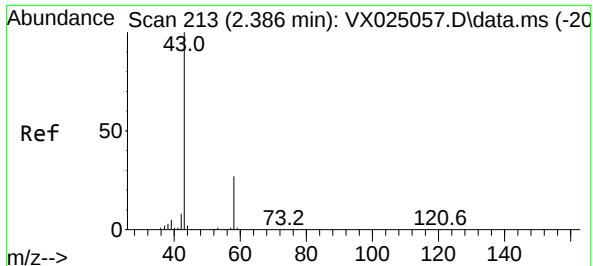


#14
Acrylonitrile
Concen: 98.573 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04



Tgt Ion: 53 Resp: 68233
Ion Ratio Lower Upper
53 100
52 85.0 40.4 121.2
51 39.3 18.1 54.1





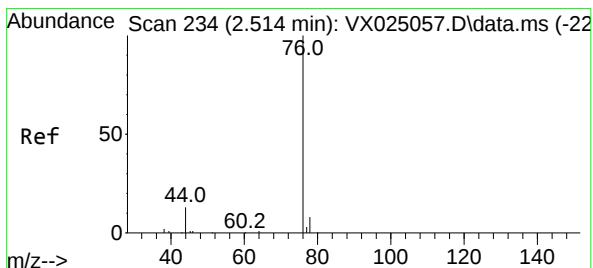
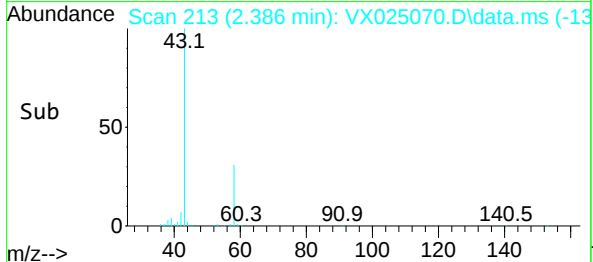
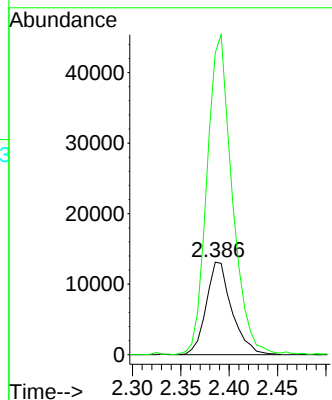
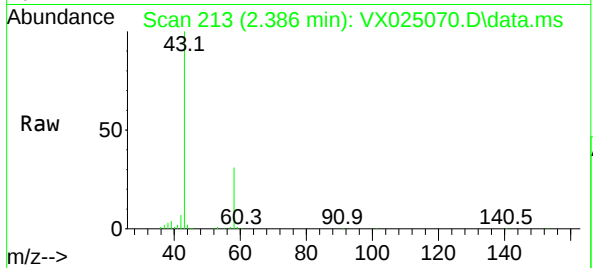
#15
Acetone
Concen: 114.504 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 58 Resp: 2421
Ion Ratio Lower Upper
58 100
43 325.2 266.6 400.0

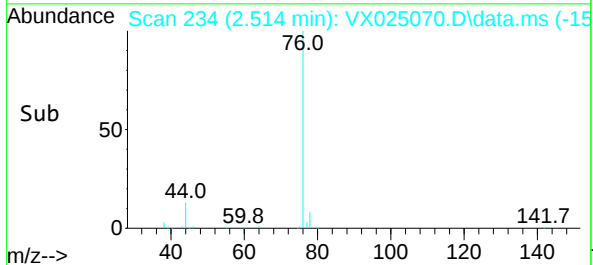
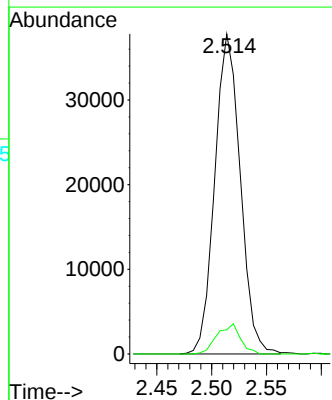
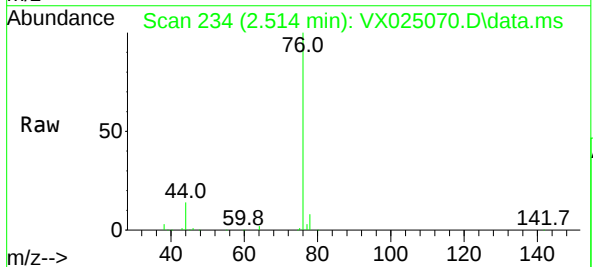
Manual Integrations
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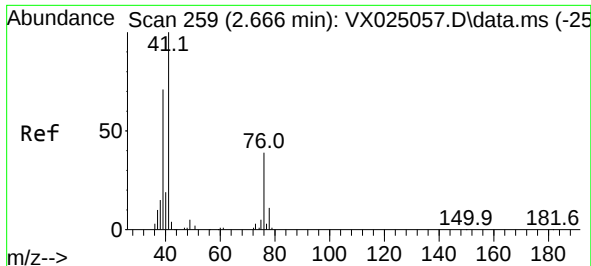
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#16
Carbon Disulfide
Concen: 20.483 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

Tgt Ion: 76 Resp: 61154
Ion Ratio Lower Upper
76 100
78 7.6 7.3 10.9





#17

Allyl chloride

Concen: 21.219 ug/l

RT: 2.666 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX025070.D

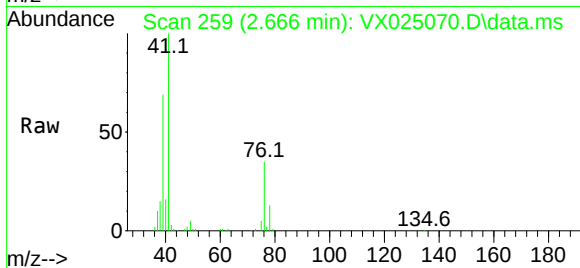
Acq: 04 Nov 2021 12:04

Instrument :

MSVOA_X

ClientSampleId :

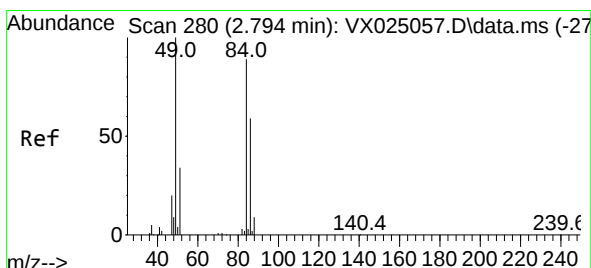
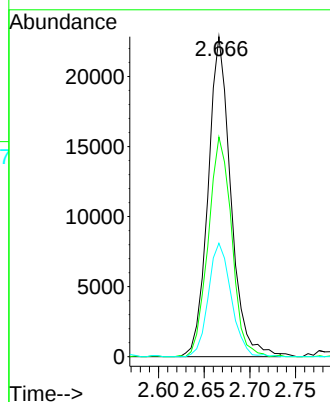
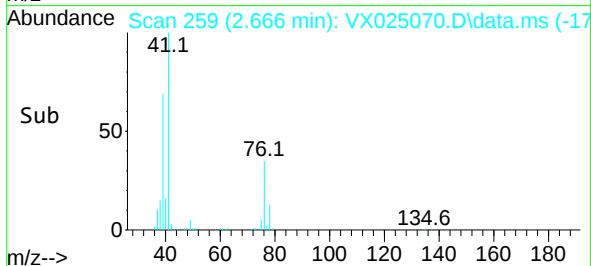
VSTDCCC020



Tgt Ion:	41	Resp:	39590
Ion	Ratio	Lower	Upper
41	100		
39	68.3	36.4	109.3
76	35.5	16.6	49.7

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Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#18

Methylene Chloride

Concen: 20.417 ug/l

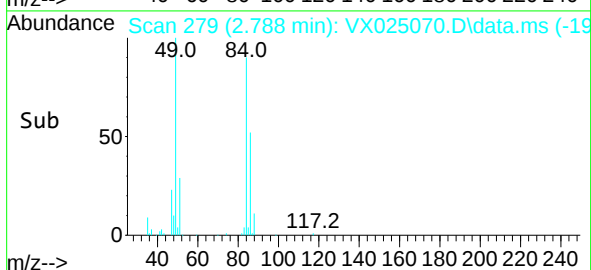
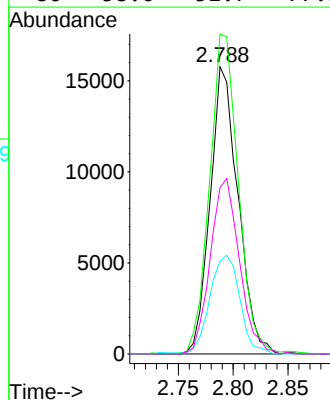
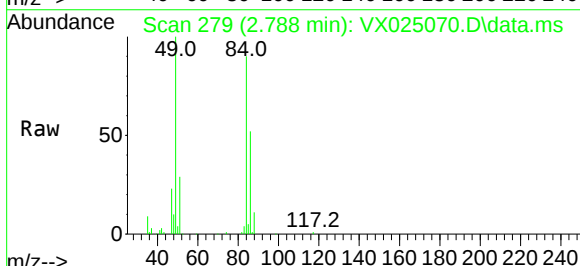
RT: 2.788 min Scan# 279

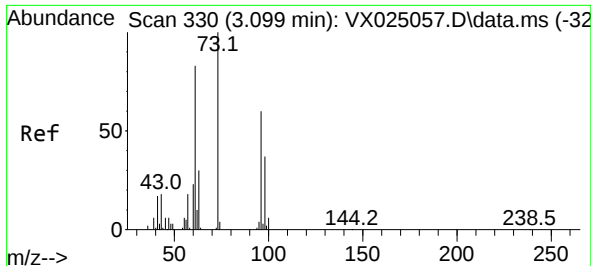
Delta R.T. -0.006 min

Lab File: VX025070.D

Acq: 04 Nov 2021 12:04

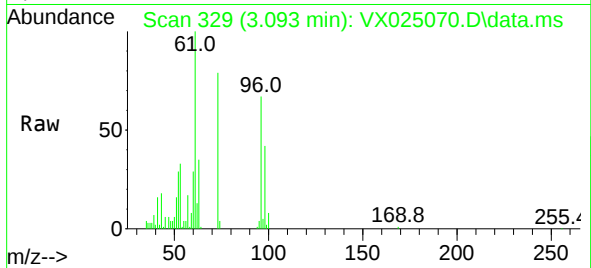
Tgt Ion:	84	Resp:	27953
Ion	Ratio	Lower	Upper
84	100		
49	111.0	104.3	156.5
51	32.3	30.3	45.5
86	58.0	51.7	77.5





#19
trans-1,2-Dichloroethene
Concen: 20.548 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

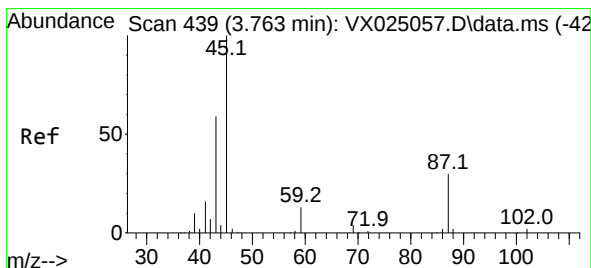
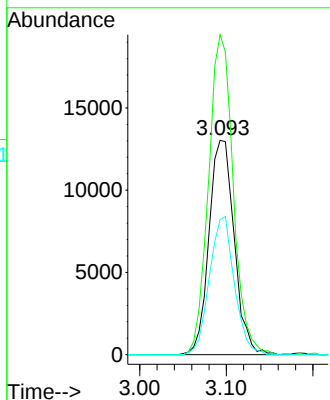
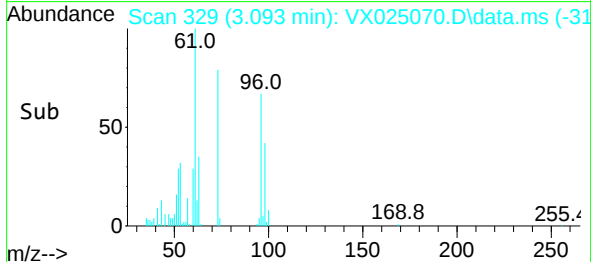
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 96 Resp: 2642
Ion Ratio Lower Upper
96 100
61 149.3 109.2 163.8
98 63.0 50.8 76.2

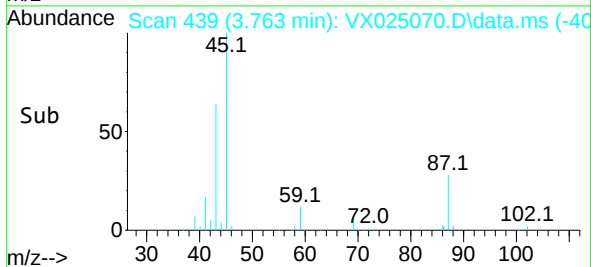
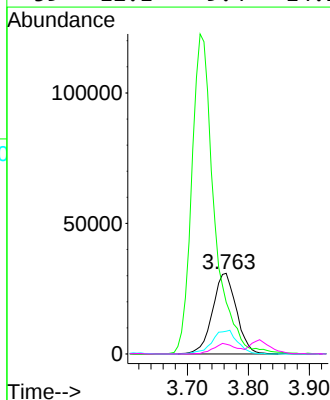
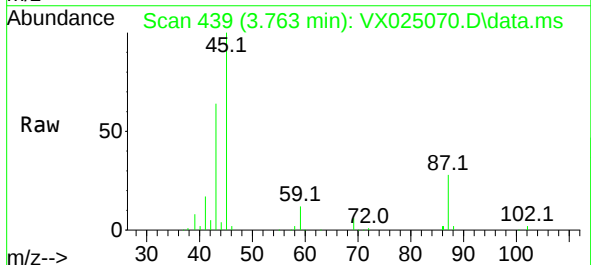
Manual Integrations
APPROVED

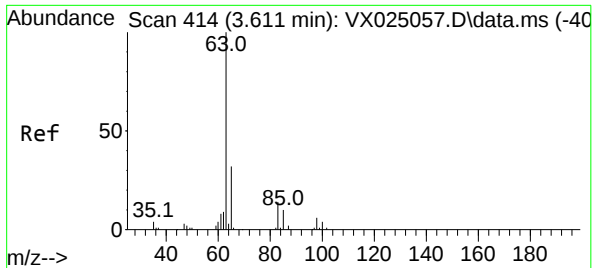
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#20
Diisopropyl ether
Concen: 20.823 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

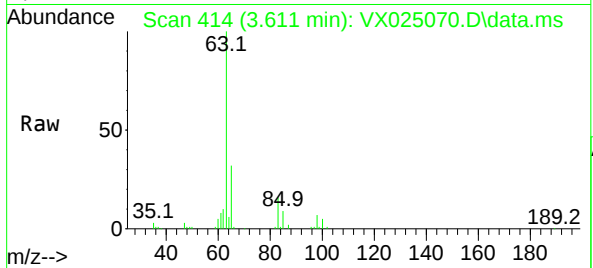
Tgt Ion: 45 Resp: 84052
Ion Ratio Lower Upper
45 100
43 61.8 63.8 95.6#
87 28.2 21.8 32.6
59 12.1 9.4 14.2





#21
1,1-Dichloroethane
Concen: 20.250 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

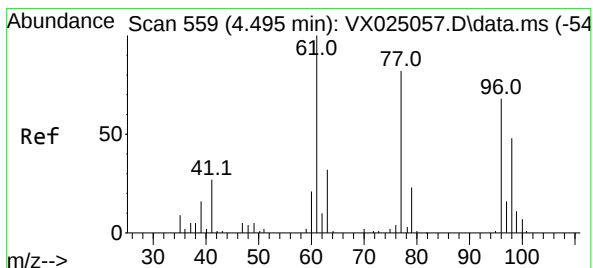
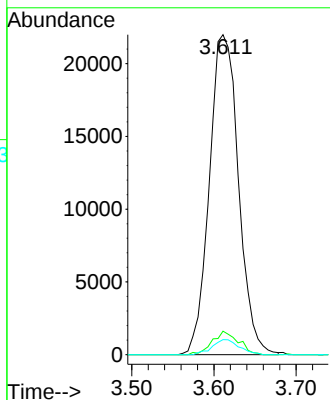
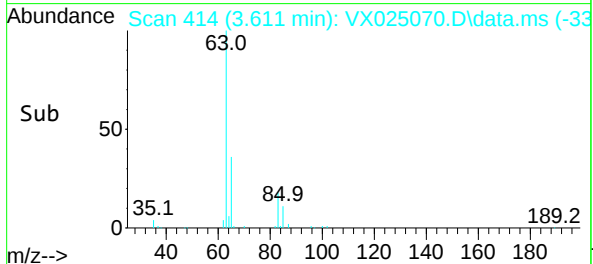
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



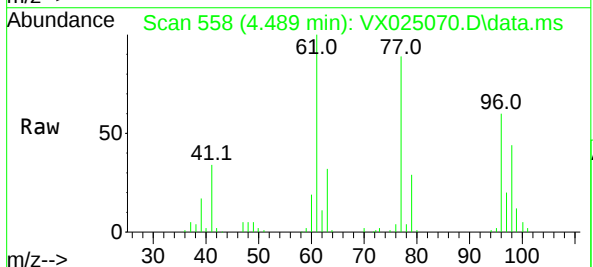
Tgt Ion: 63 Resp: 54240
Ion Ratio Lower Upper
63 100
98 7.3 3.4 10.1
100 4.7 2.1 6.2

Manual Integrations
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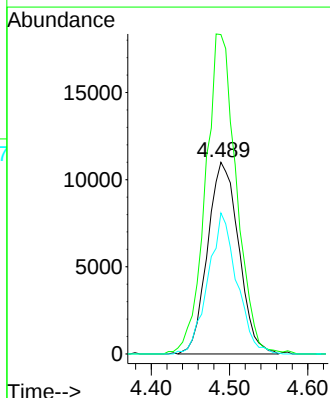
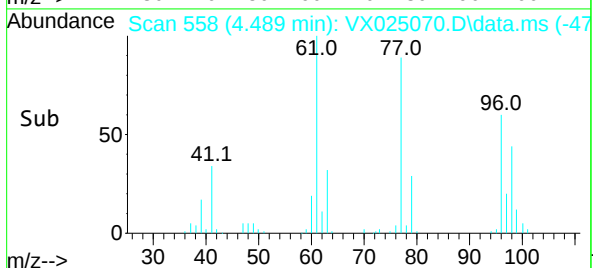
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

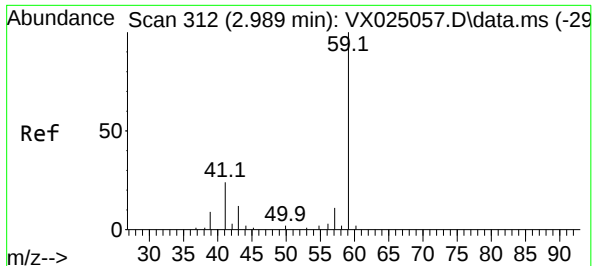


#22
cis-1,2-Dichloroethene
Concen: 19.922 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04



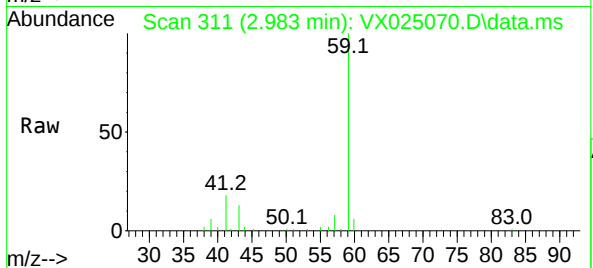
Tgt Ion: 96 Resp: 30397
Ion Ratio Lower Upper
96 100
61 165.1 114.5 171.7
98 67.9 51.3 76.9





#23
tert-Butyl Alcohol
Concen: 93.088 ug/l m
RT: 2.983 min Scan# 312
Delta R.T. -0.006 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

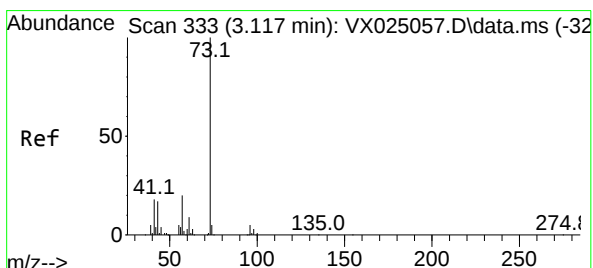
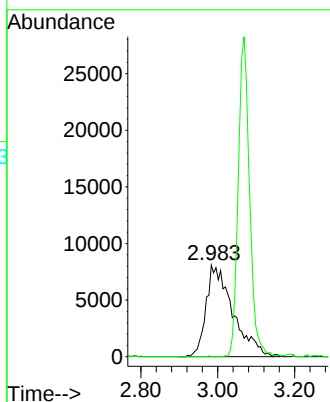
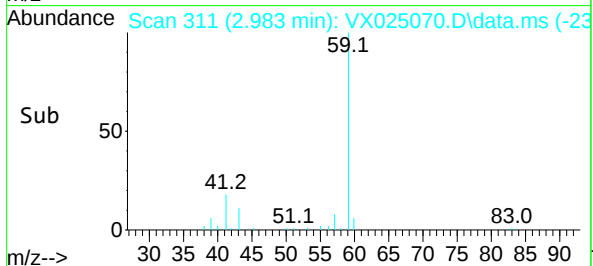
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 59 Resp: 3918
Ion Ratio Lower Upper
59 100
52 0.1 0.1 0.1

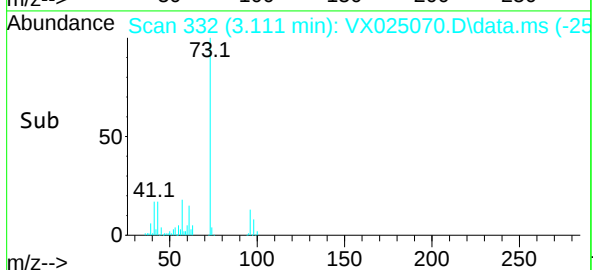
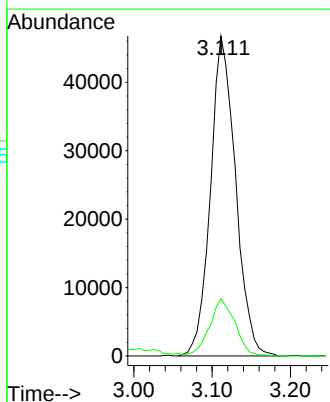
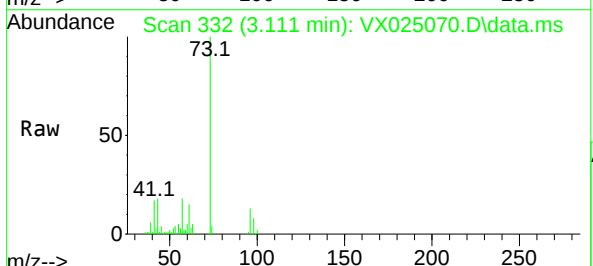
Manual Integrations
APPROVED

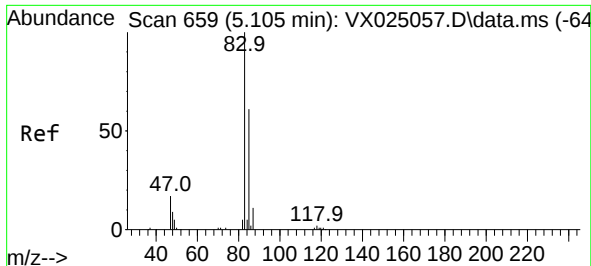
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#24
Methyl tert-Butyl Ether
Concen: 21.056 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

Tgt Ion: 73 Resp: 104099
Ion Ratio Lower Upper
73 100
43 17.3 17.9 26.9





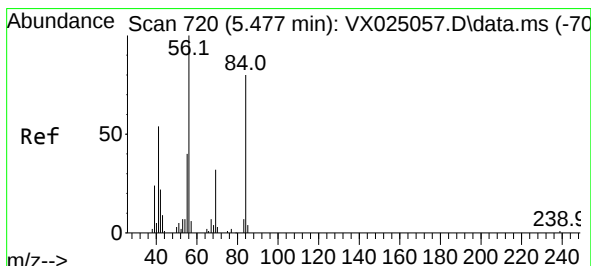
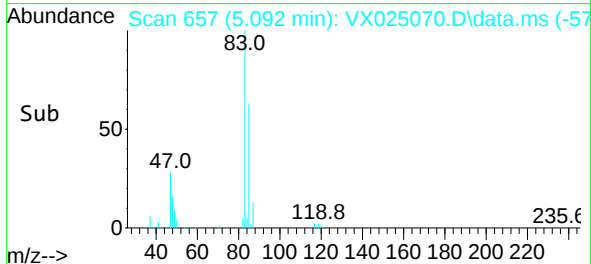
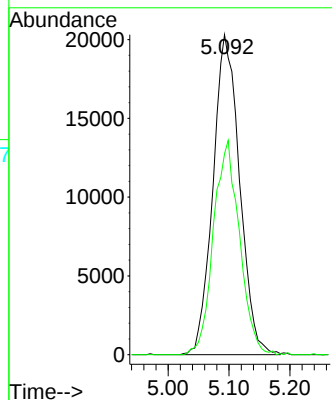
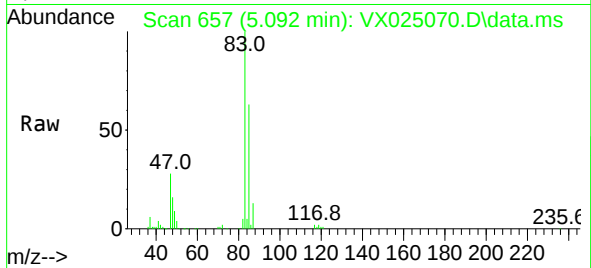
#25
Chloroform
Concen: 19.885 ug/l
RT: 5.092 min Scan# 61759
Delta R.T. -0.012 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 61759
Ion Ratio Lower Upper
83 100
85 62.8 51.8 77.8

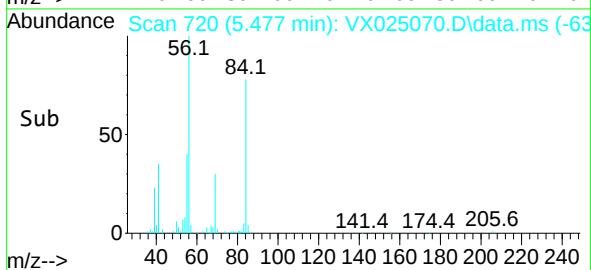
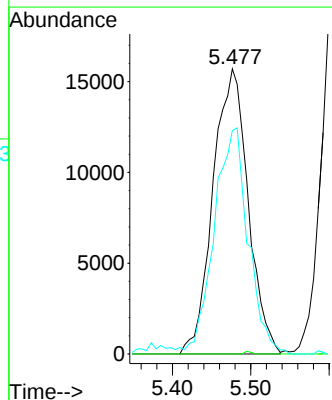
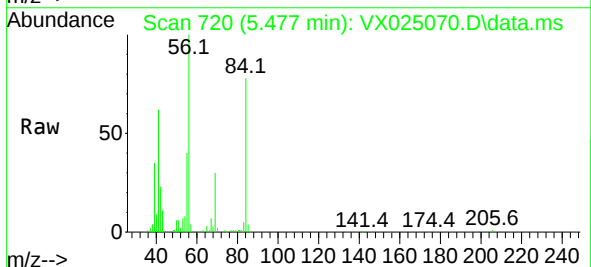
Manual Integrations
APPROVED

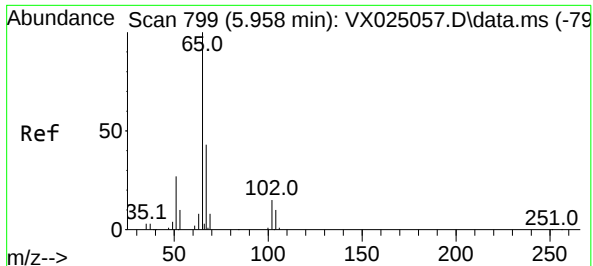
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#26
Cyclohexane
Concen: 22.838 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

Tgt Ion: 56 Resp: 48801
Ion Ratio Lower Upper
56 100
89 0.2 0.0 0.0#
84 76.6 69.0 103.6





#27

1,2-Dichloroethane-d4

Concen: 33.673 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX025070.D

Acq: 04 Nov 2021 12:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 65 Resp: 7632

Ion Ratio Lower Upper

65 100

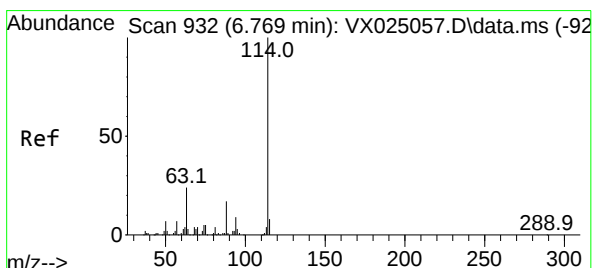
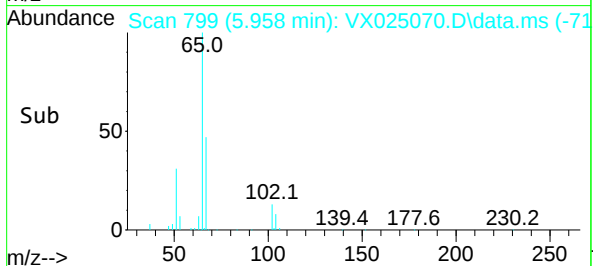
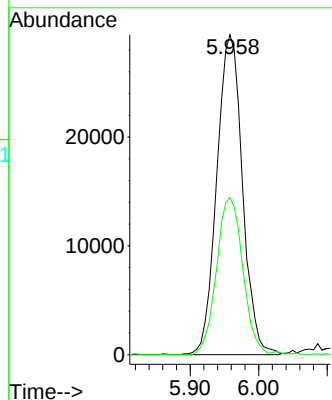
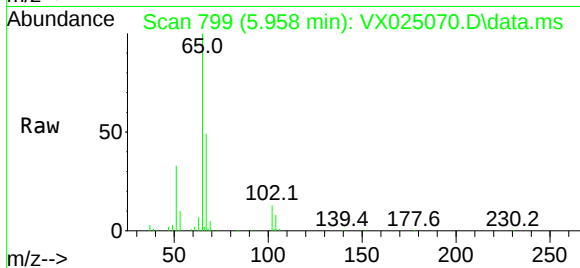
67 50.2 42.4 63.6

Manual Integrations

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Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX025070.D

Acq: 04 Nov 2021 12:04

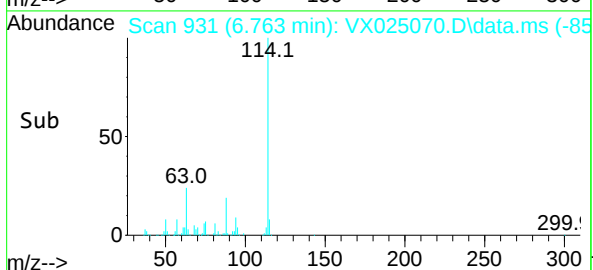
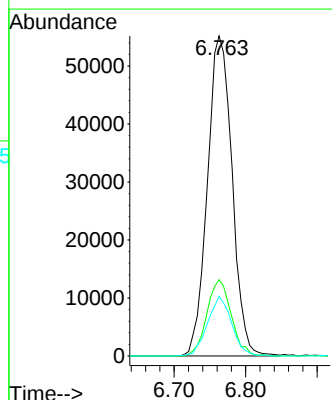
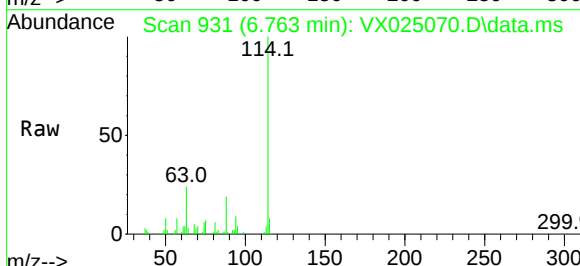
Tgt Ion:114 Resp: 132470

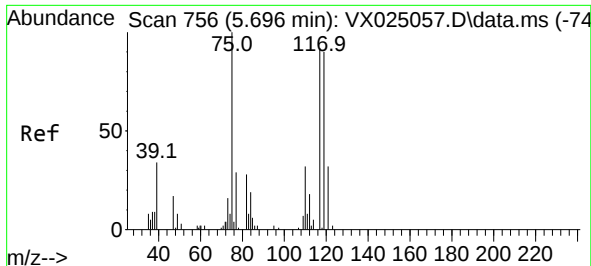
Ion Ratio Lower Upper

114 100

63 23.4 16.4 24.6

88 18.1 12.7 19.1





#29

1,1-Dichloropropene

Concen: 22.069 ug/l

RT: 5.696 min Scan# 756

Delta R.T. -0.000 min

Lab File: VX025070.D

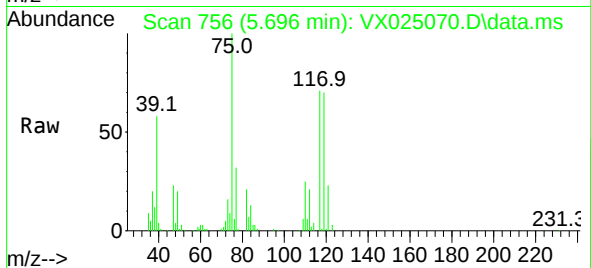
Acq: 04 Nov 2021 12:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



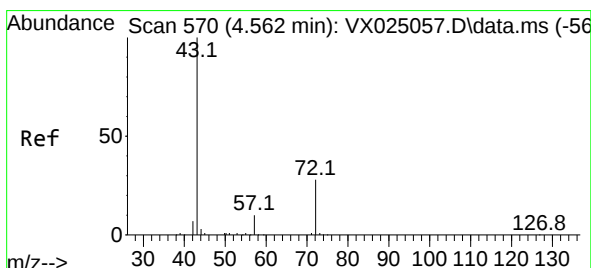
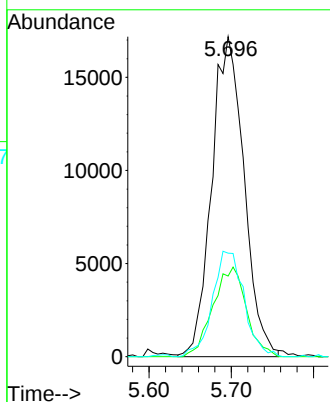
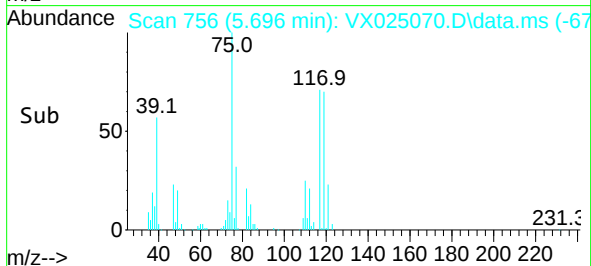
Tgt Ion: 75	Resp: 47009
Ion Ratio	Lower Upper
75	100
110	28.8 0.0 72.0
77	32.2 0.0 61.8

Manual Integrations

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Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#30

2-Butanone

Concen: 98.434 ug/l

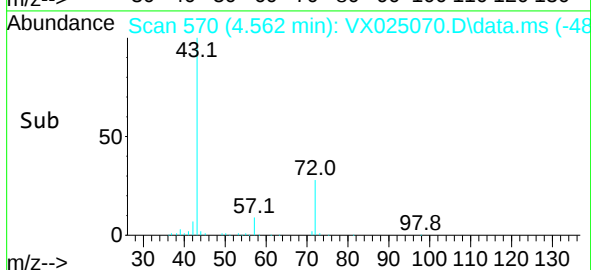
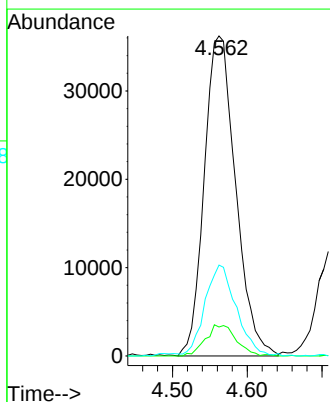
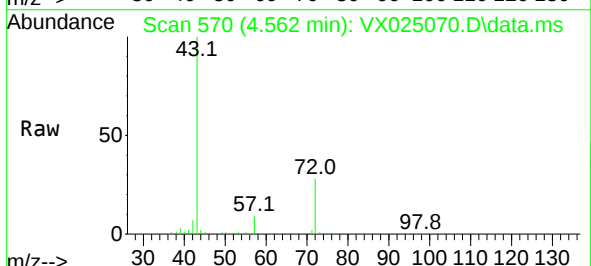
RT: 4.562 min Scan# 570

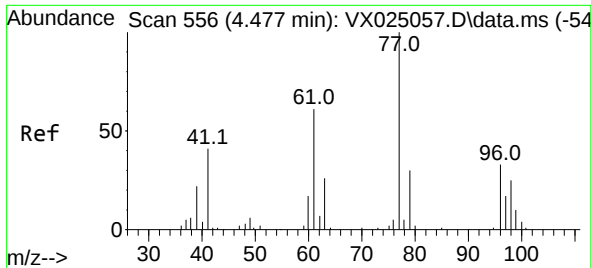
Delta R.T. -0.000 min

Lab File: VX025070.D

Acq: 04 Nov 2021 12:04

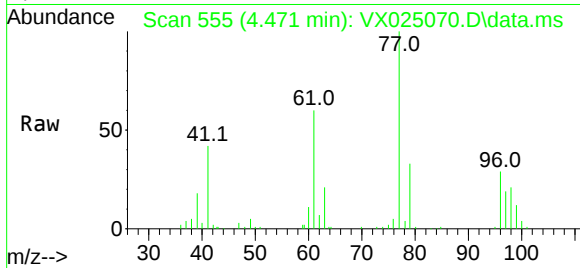
Tgt Ion: 43	Resp: 105754
Ion Ratio	Lower Upper
43	100
57	4.7 6.6 9.8
72	28.2 21.0 31.4





#31
2,2-Dichloropropane
Concen: 21.316 ug/l
RT: 4.471 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

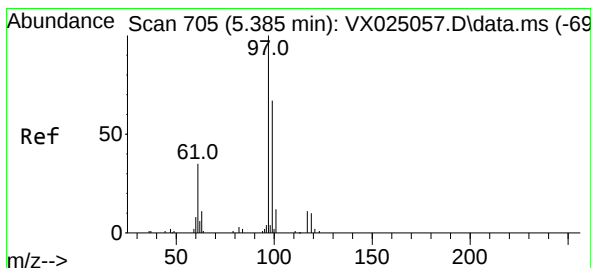
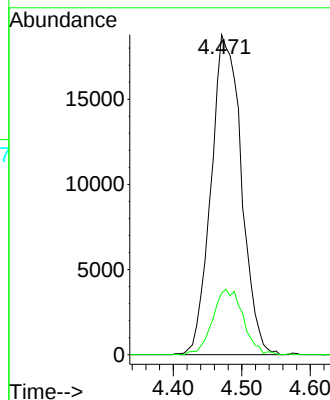
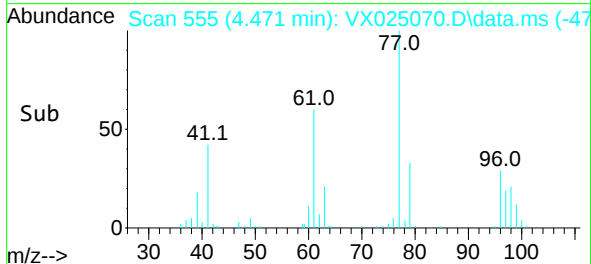
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 77 Resp: 57679
Ion Ratio Lower Upper
77 100
97 19.5 19.8 29.8

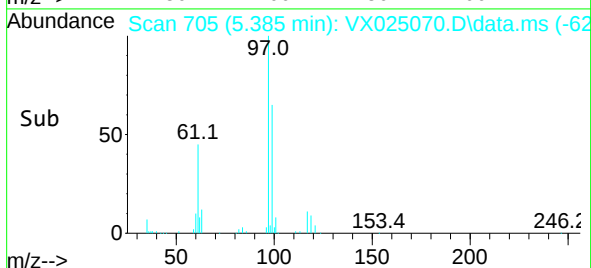
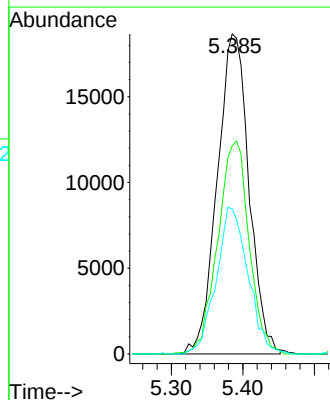
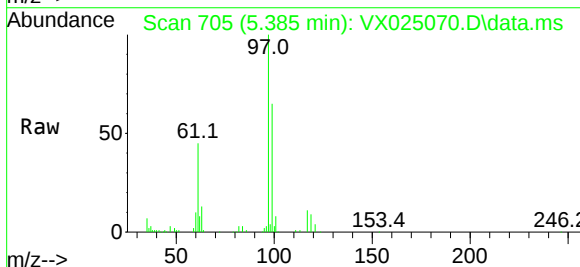
Manual Integrations
APPROVED

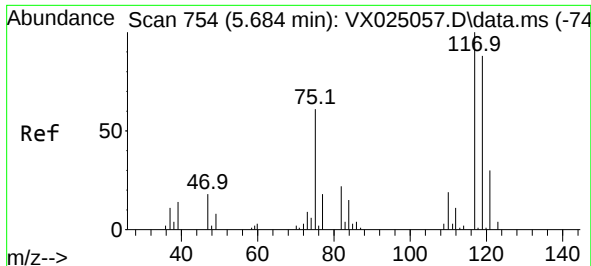
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#32
1,1,1-Trichloroethane
Concen: 18.743 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

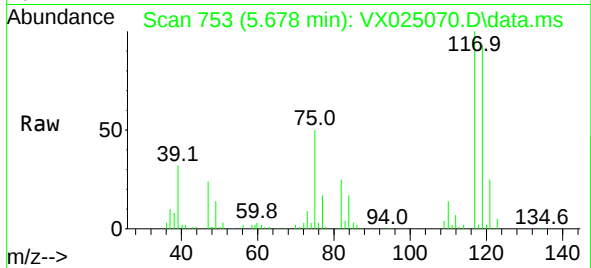
Tgt Ion: 97 Resp: 57435
Ion Ratio Lower Upper
97 100
99 65.9 50.4 75.6
61 45.9 36.4 54.6





#33
Carbon Tetrachloride
Concen: 19.885 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

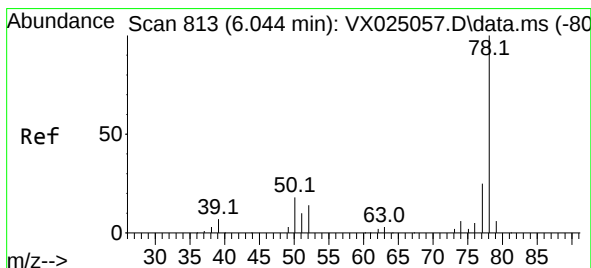
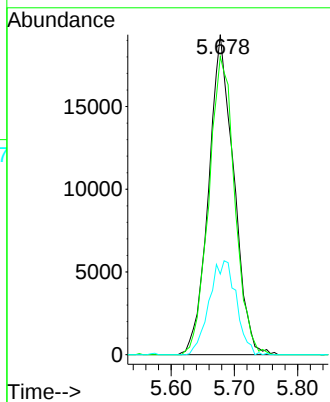
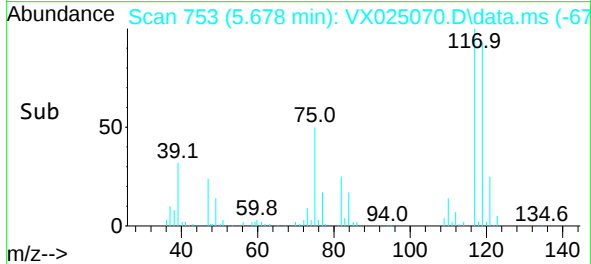
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



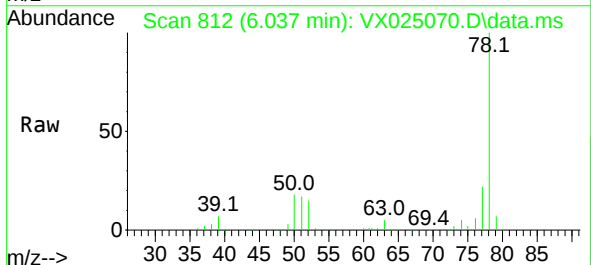
Tgt Ion:117 Resp: 5347
Ion Ratio Lower Upper
117 100
119 93.1 75.4 113.2
121 25.2 24.1 36.1

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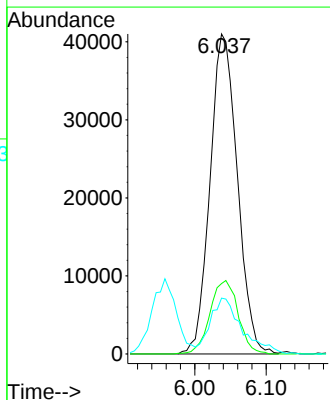
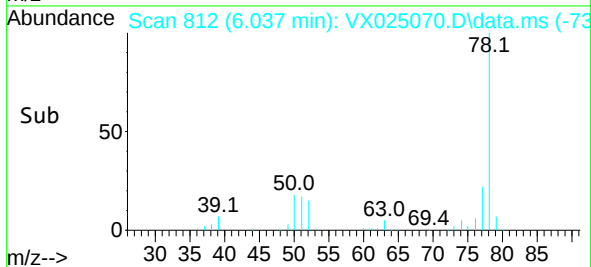
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

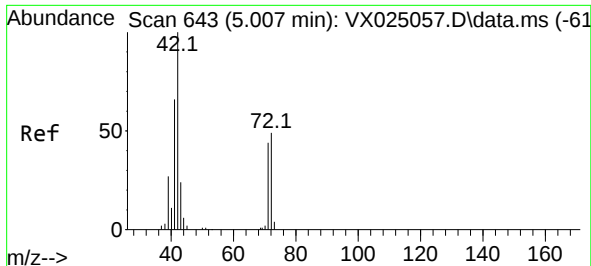


#34
Benzene
Concen: 20.046 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04



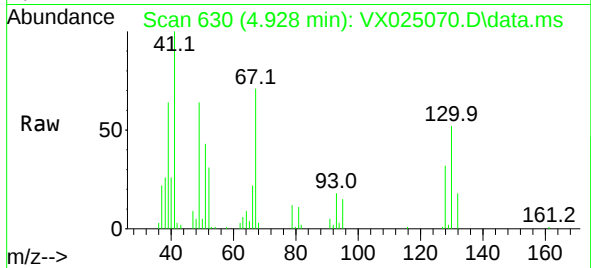
Tgt Ion: 78 Resp: 108908
Ion Ratio Lower Upper
78 100
77 22.0 19.3 28.9
51 16.4 12.2 18.4





#35
Methacrylonitrile
Concen: 22.681 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.079 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

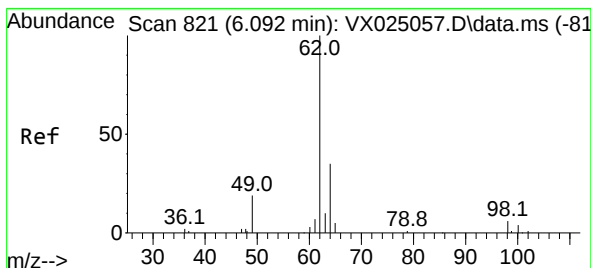
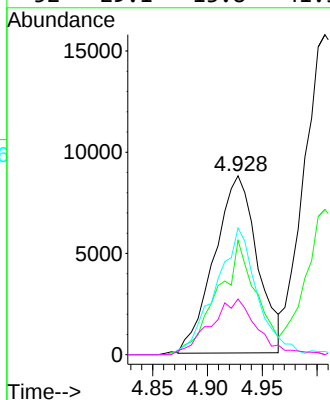
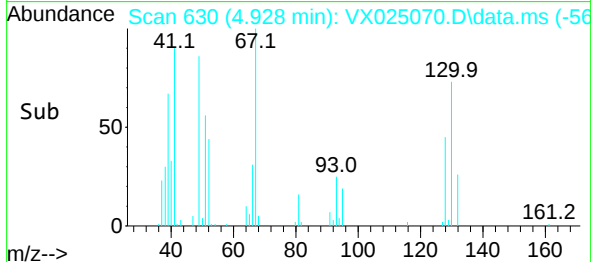
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 41 Resp: 2403
Ion Ratio Lower Upper
41 100
39 63.1 27.4 82.2
67 68.9 34.6 103.9
52 29.1 13.8 41.3

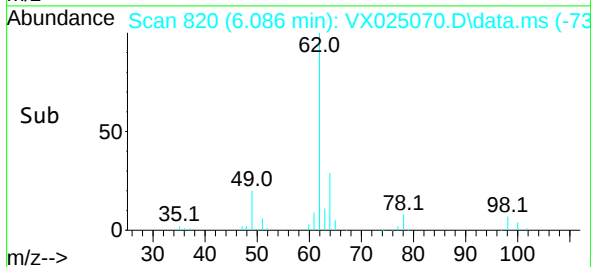
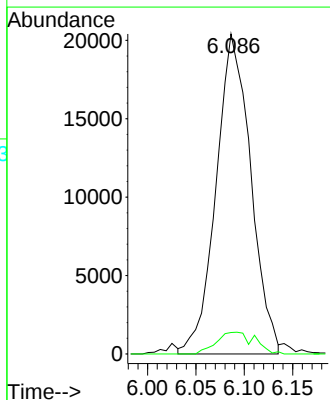
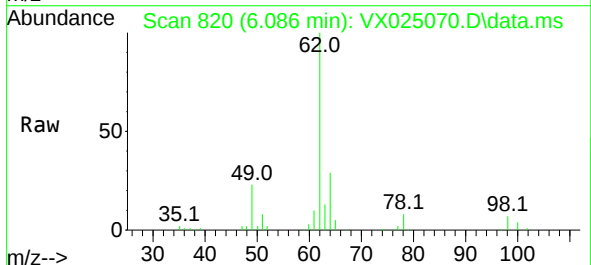
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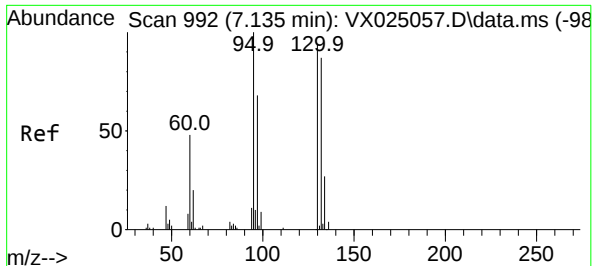
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#36
1,2-Dichloroethane
Concen: 19.331 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

Tgt Ion: 62 Resp: 50888
Ion Ratio Lower Upper
62 100
98 5.8 7.0 10.4#





#37

Trichloroethene

Concen: 20.504 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX025070.D

Acq: 04 Nov 2021 12:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:130 Resp: 31134

Ion Ratio Lower Upper

130 100

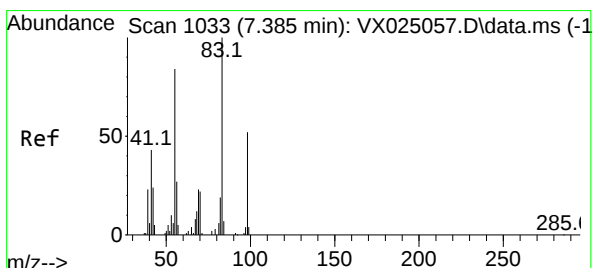
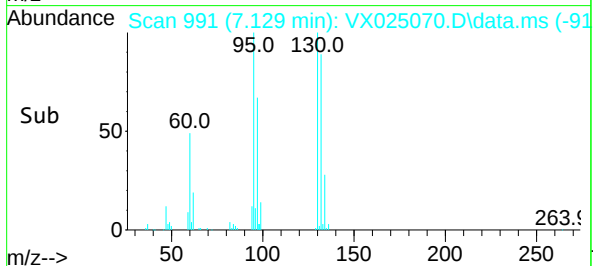
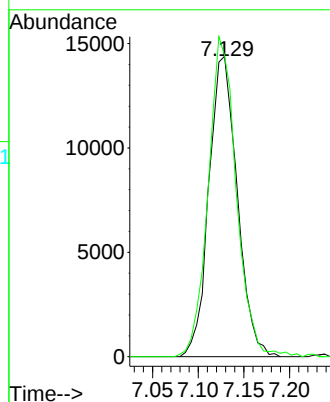
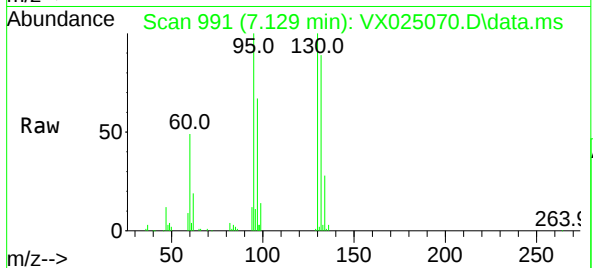
95 99.5 77.0 115.4

Manual Integrations

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Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#38

Methylcyclohexane

Concen: 21.193 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX025070.D

Acq: 04 Nov 2021 12:04

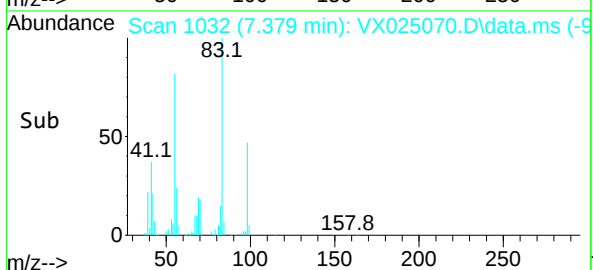
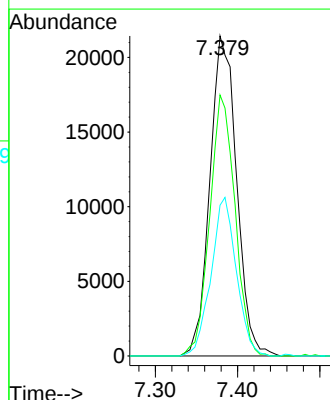
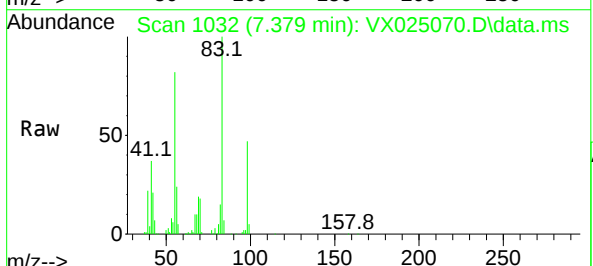
Tgt Ion: 83 Resp: 48478

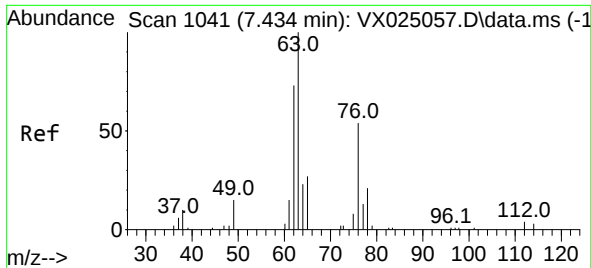
Ion Ratio Lower Upper

83 100

55 77.1 37.8 113.4

98 47.0 23.4 70.3





#39

1,2-Dichloropropane

Concen: 19.327 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX025070.D

Acq: 04 Nov 2021 12:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 2865

Ion Ratio Lower Upper

63 100

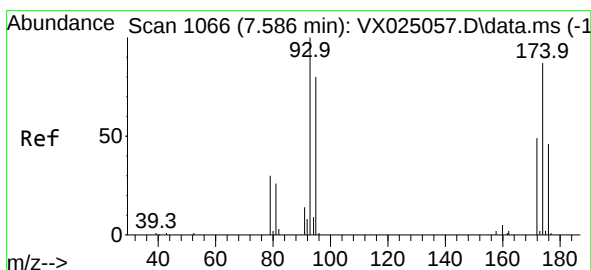
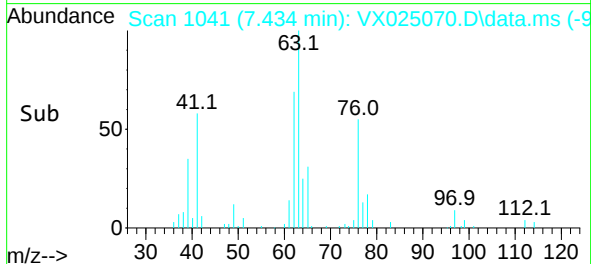
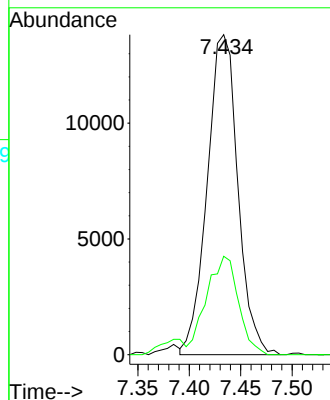
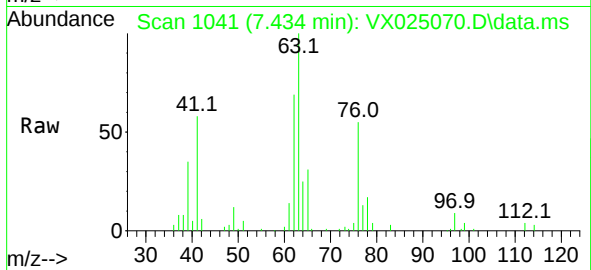
65 30.8 23.4 35.0

Manual Integrations

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Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#40

Dibromomethane

Concen: 20.073 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX025070.D

Acq: 04 Nov 2021 12:04

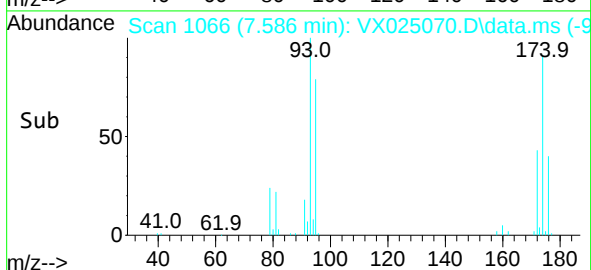
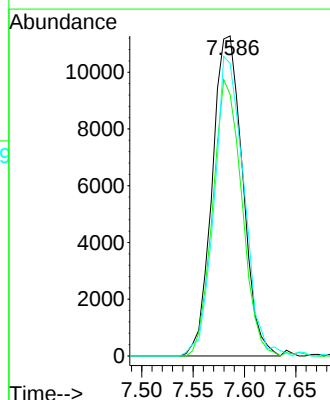
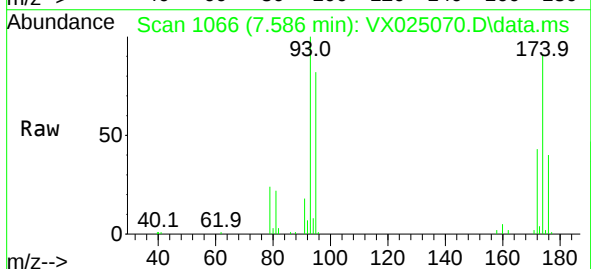
Tgt Ion: 93 Resp: 23185

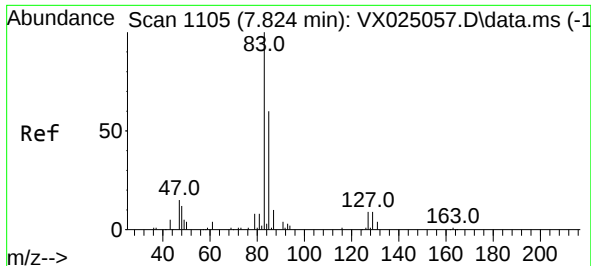
Ion Ratio Lower Upper

93 100

95 82.6 0.0 168.4

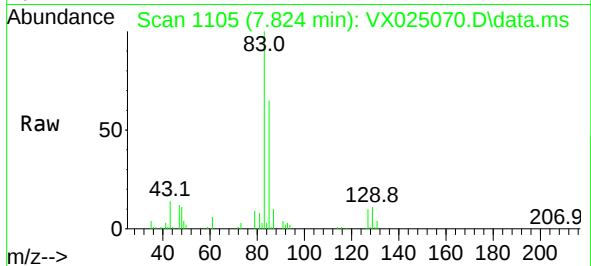
174 90.2 0.0 206.6





#41
Bromodichloromethane
Concen: 19.004 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

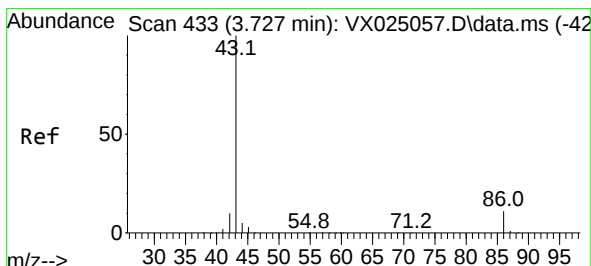
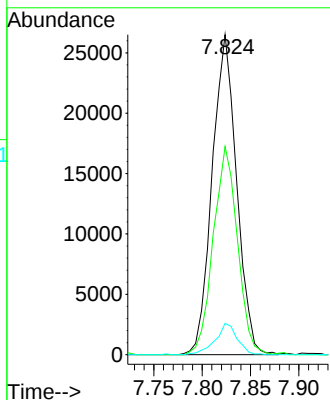
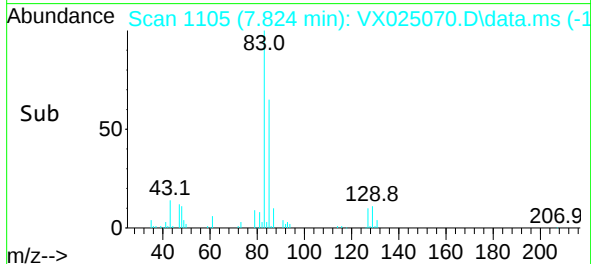
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 83 Resp: 46600
Ion Ratio Lower Upper
83 100
85 65.0 51.7 77.5
127 9.8 7.4 11.0

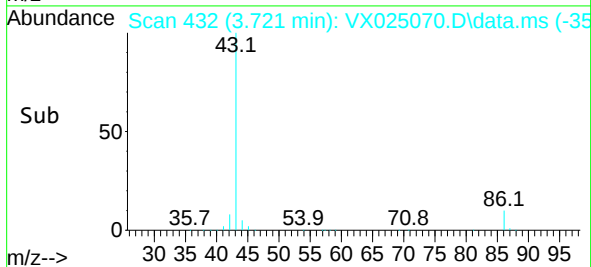
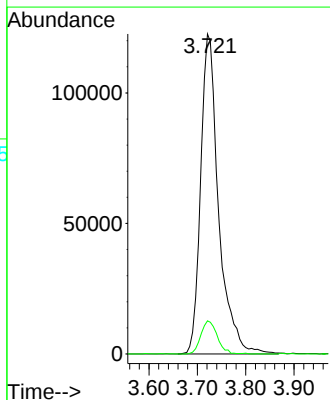
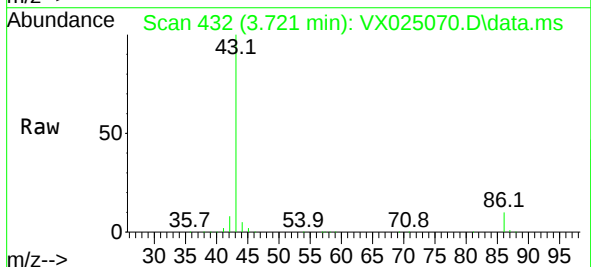
Manual Integrations
APPROVED

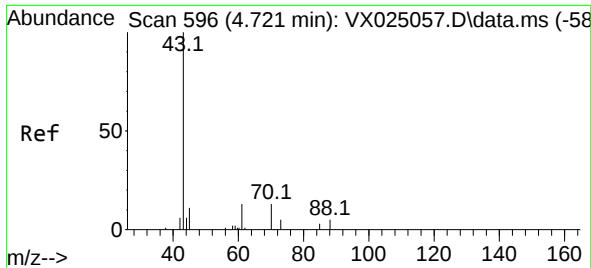
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#42
Vinyl Acetate
Concen: 98.403 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.006 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

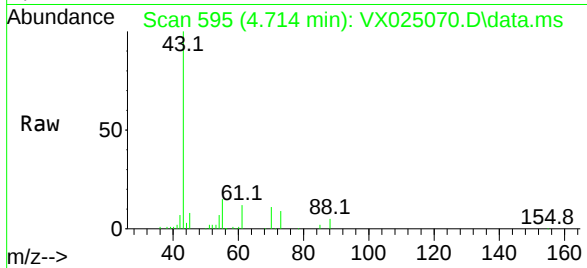
Tgt Ion: 43 Resp: 316310
Ion Ratio Lower Upper
43 100
86 9.3 7.2 10.8





#43
Ethyl Acetate
Concen: 19.787 ug/l m
RT: 4.714 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

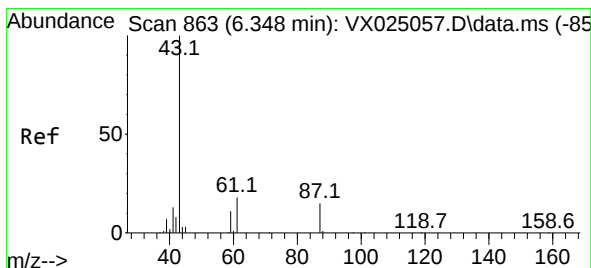
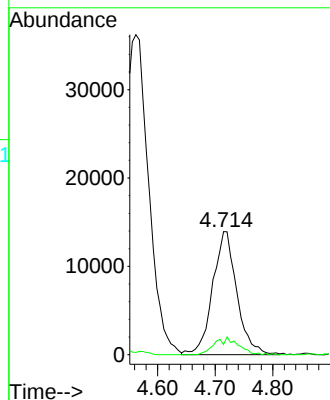
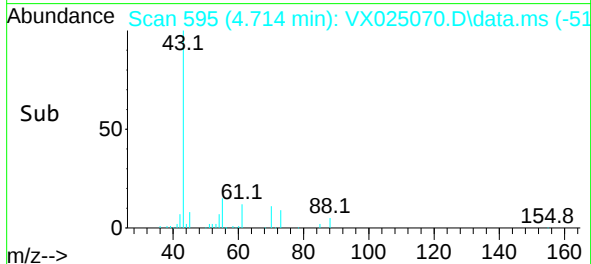
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 4074
Ion Ratio Lower Upper
43 100
45 0.0 12.1 18.1

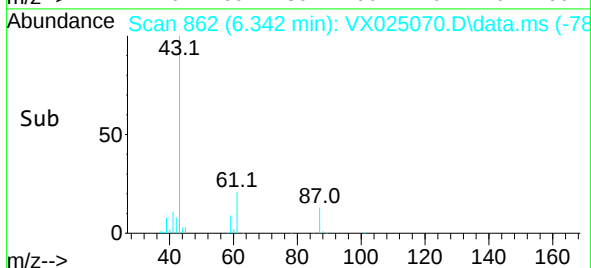
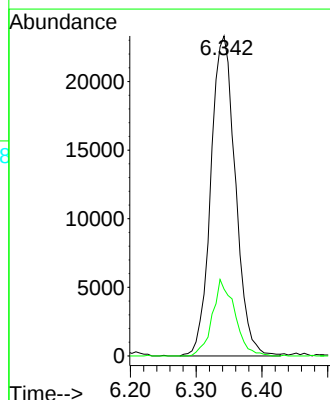
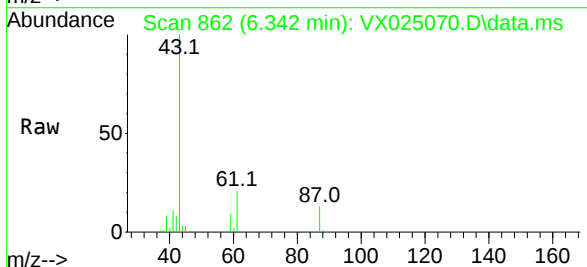
Manual Integrations
APPROVED

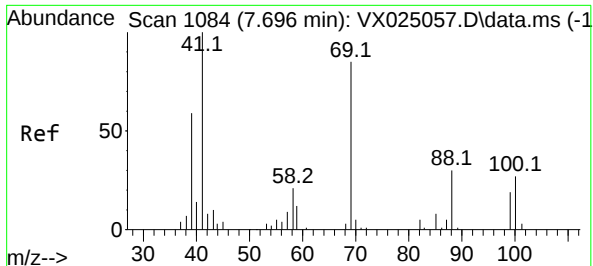
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#44
Isopropyl Acetate
Concen: 18.815 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

Tgt Ion: 43 Resp: 60604
Ion Ratio Lower Upper
43 100
61 21.9 15.4 23.2





#45

1,4-Dioxane

Concen: 348.550 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. -0.000 min

Lab File: VX025070.D

Acq: 04 Nov 2021 12:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 88 Resp: 1192

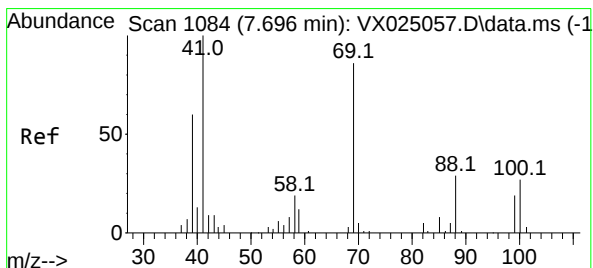
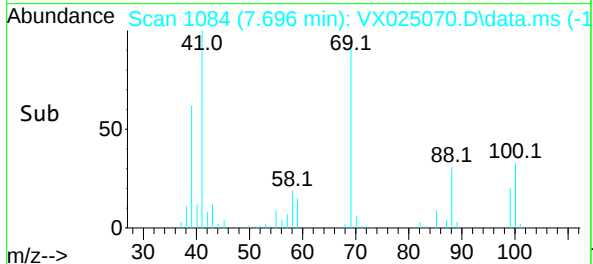
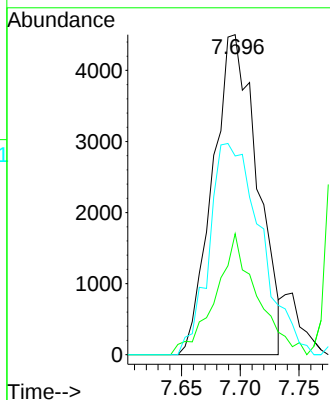
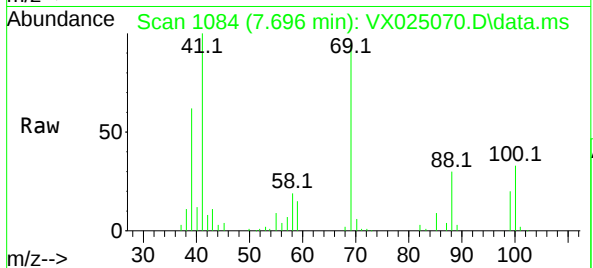
Ion	Ratio	Lower	Upper
88	100		
43	33.5	25.3	37.9
58	76.3	53.1	79.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#46

Methyl methacrylate

Concen: 18.496 ug/l

RT: 7.690 min Scan# 1083

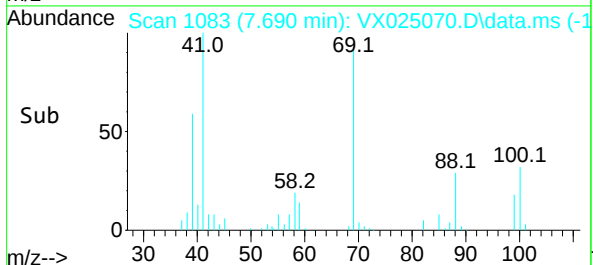
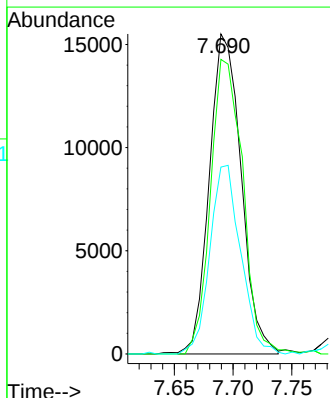
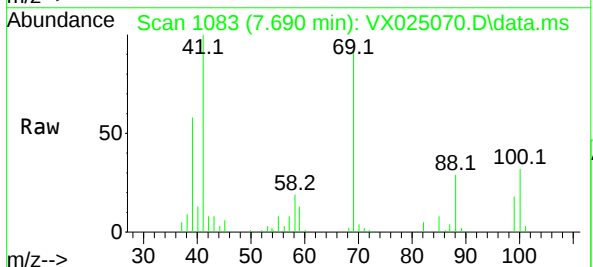
Delta R.T. -0.006 min

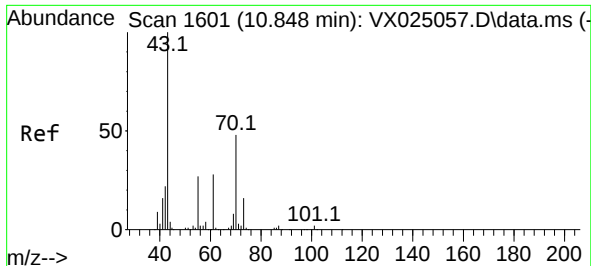
Lab File: VX025070.D

Acq: 04 Nov 2021 12:04

Tgt Ion: 41 Resp: 29126

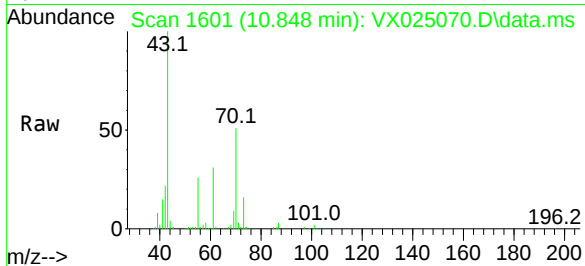
Ion	Ratio	Lower	Upper
41	100		
69	92.4	39.5	118.5
39	58.6	29.0	87.1





#47
n-amy1 Acetate
Concen: 18.774 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

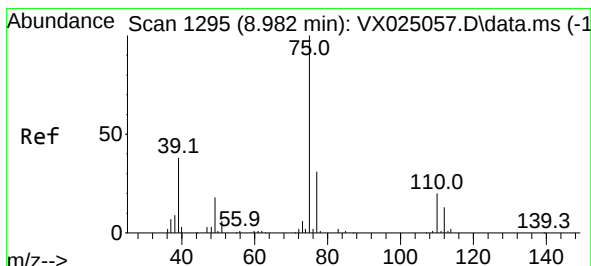
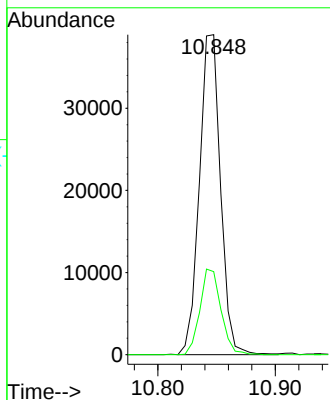
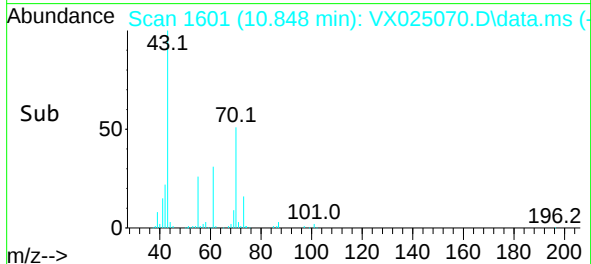
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 4876
Ion Ratio Lower Upper
43 100
55 26.7 18.9 28.3

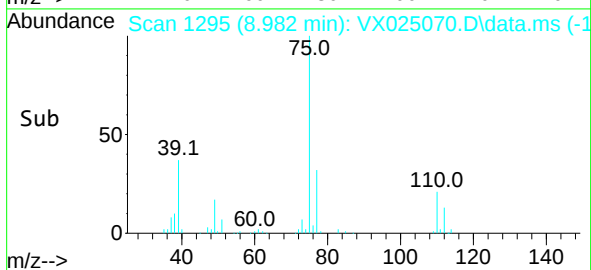
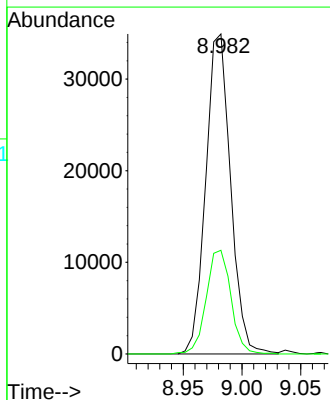
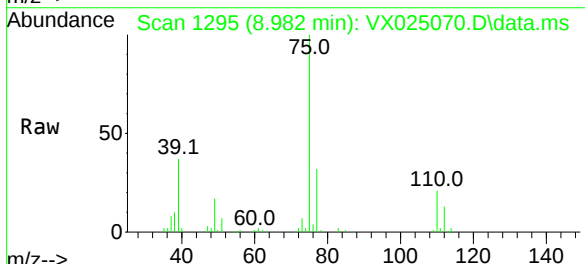
Manual Integrations
APPROVED

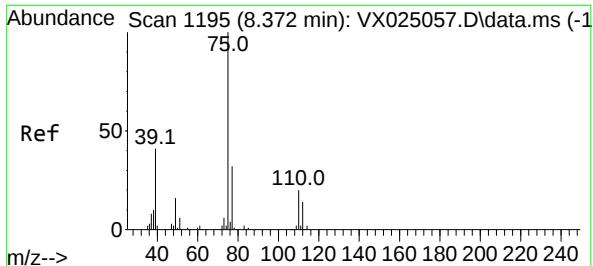
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#48
t-1,3-Dichloropropene
Concen: 19.463 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

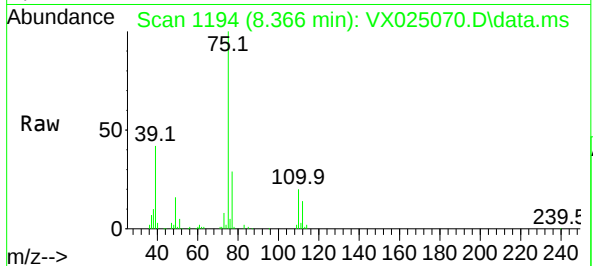
Tgt Ion: 75 Resp: 51416
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.8





#49
cis-1,3-Dichloropropene
Concen: 19.135 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

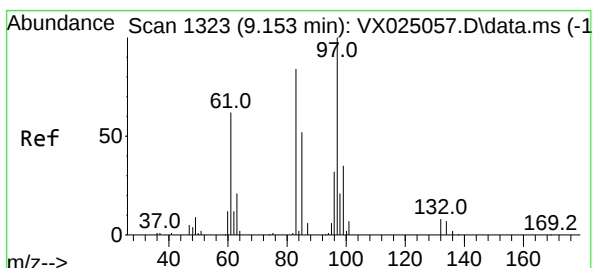
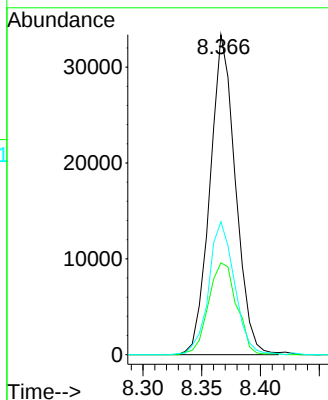
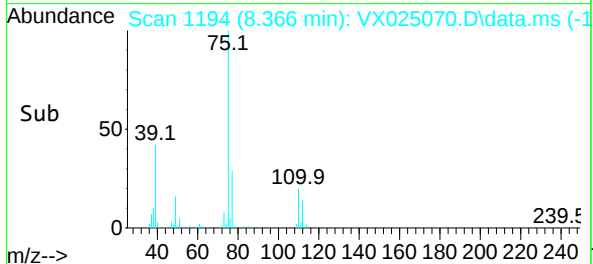
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 5046
Ion Ratio Lower Upper
75 100
77 28.7 23.6 35.4
39 41.2 44.0 66.0

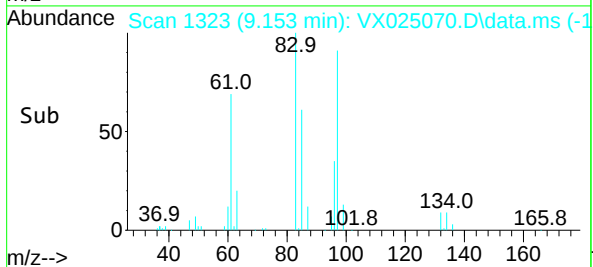
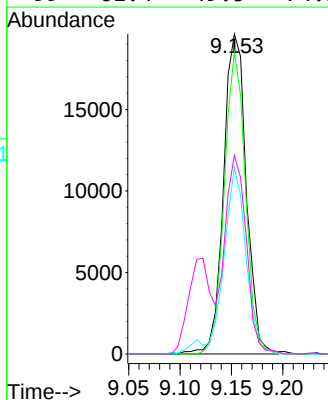
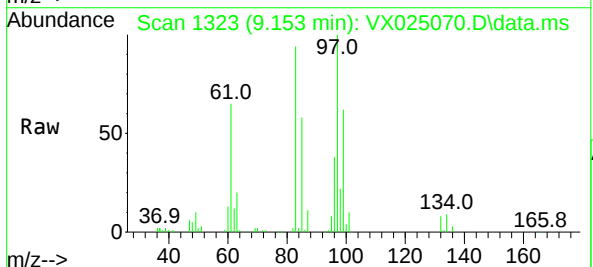
Manual Integrations
APPROVED

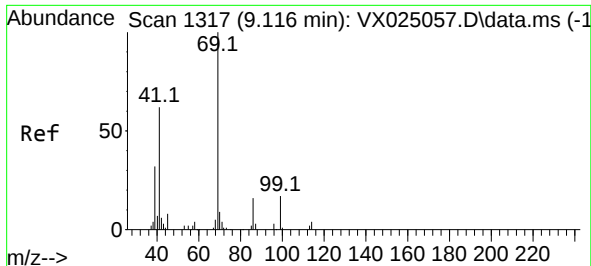
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#50
1,1,2-Trichloroethane
Concen: 19.300 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

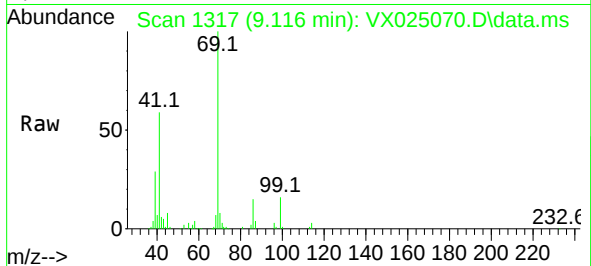
Tgt Ion: 97 Resp: 30185
Ion Ratio Lower Upper
97 100
83 94.4 64.2 96.4
85 58.3 42.4 63.6
99 61.4 49.5 74.3





#51
Ethyl methacrylate
Concen: 19.174 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

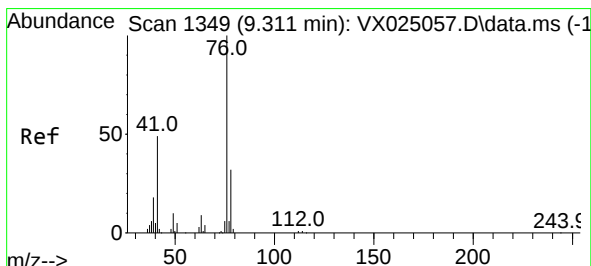
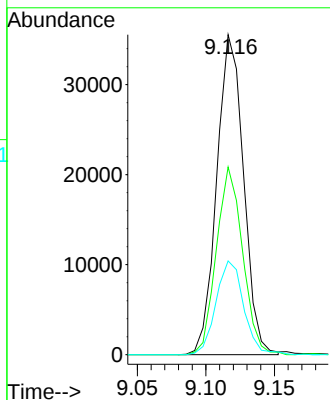
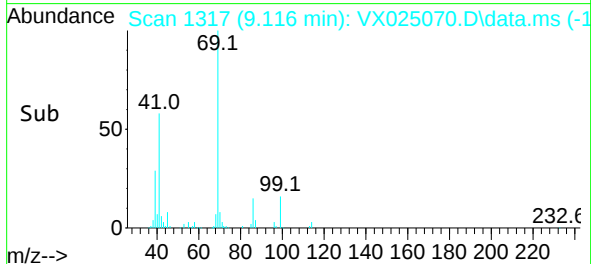
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 69 Resp: 4833
Ion Ratio Lower Upper
69 100
41 58.6 35.8 107.3
39 29.3 20.3 60.8

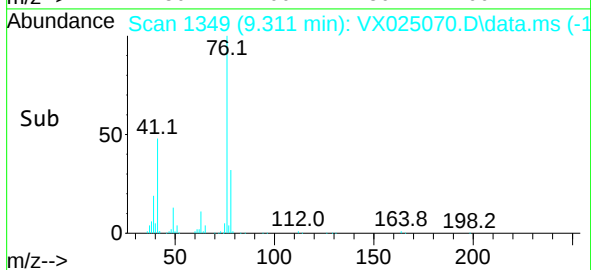
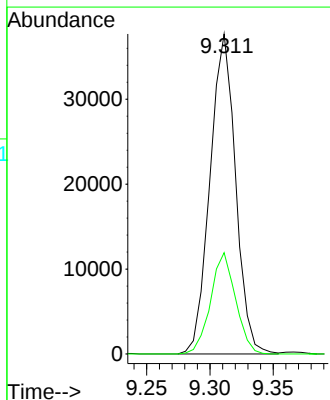
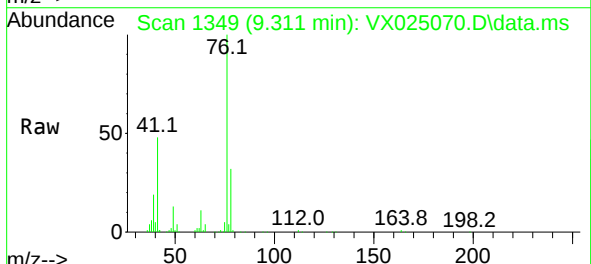
Manual Integrations
APPROVED

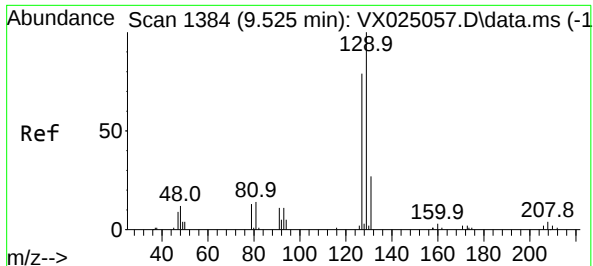
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#52
1,3-Dichloropropane
Concen: 19.843 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

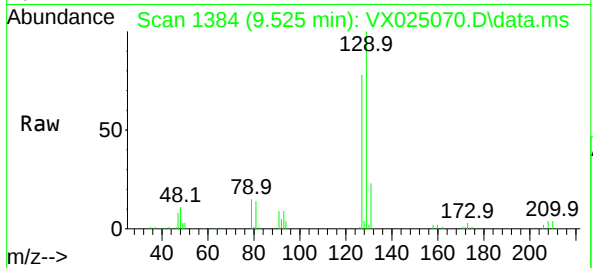
Tgt Ion: 76 Resp: 53031
Ion Ratio Lower Upper
76 100
78 30.8 0.0 64.0





#53
Dibromochloromethane
Concen: 19.604 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

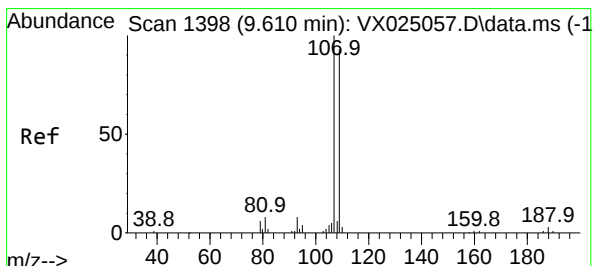
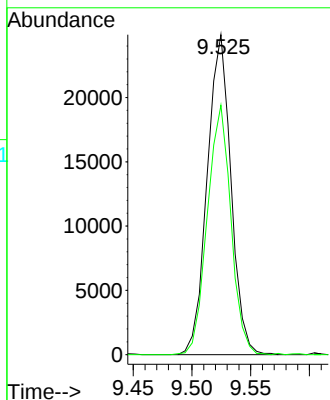
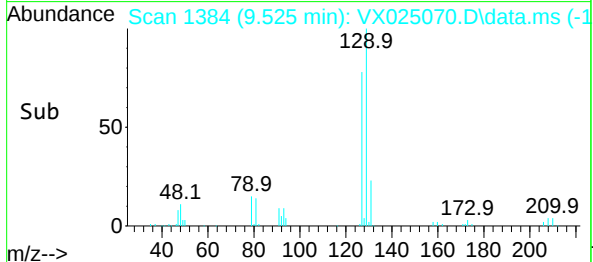
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



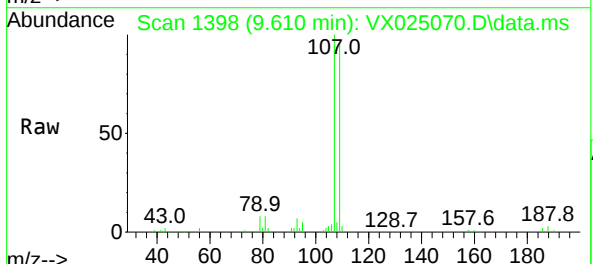
Tgt Ion:129 Resp: 3500
Ion Ratio Lower Upper
129 100
127 77.4 39.3 117.9

Manual Integrations
APPROVED

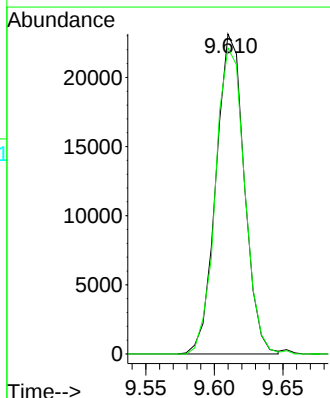
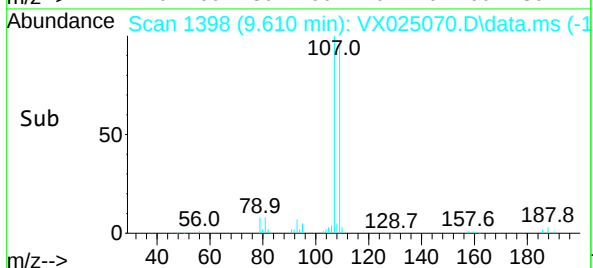
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

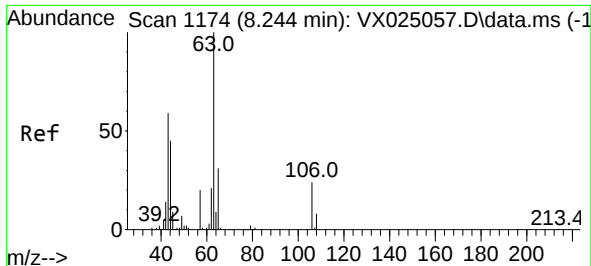


#54
1,2-Dibromoethane
Concen: 18.997 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04



Tgt Ion:107 Resp: 33186
Ion Ratio Lower Upper
107 100
109 98.2 75.3 112.9





#55

2-Chloroethyl vinyl ether

Concen: 96.398 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX025070.D

Acq: 04 Nov 2021 12:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 108130

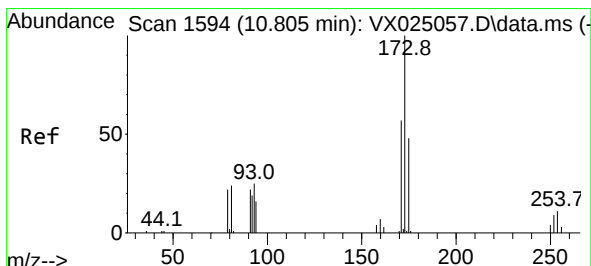
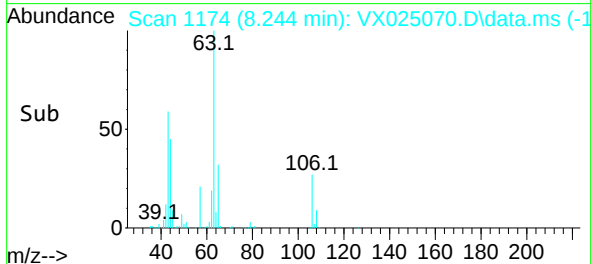
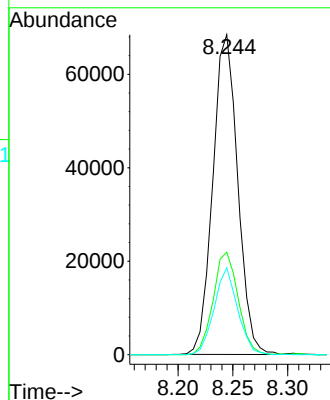
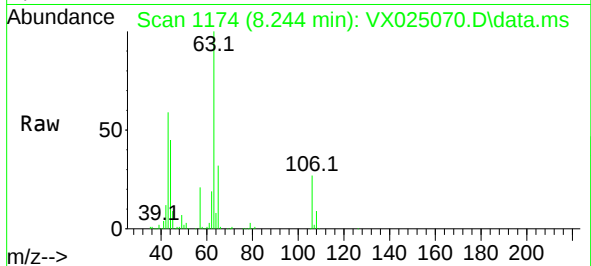
Ion	Ratio	Lower	Upper
63	100		
65	32.3	25.8	38.6
106	25.6	21.8	32.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#56

Bromoform

Concen: 18.976 ug/l

RT: 10.799 min Scan# 1593

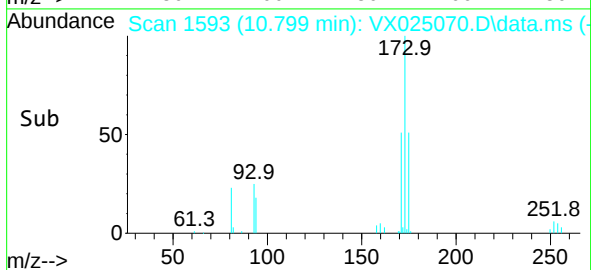
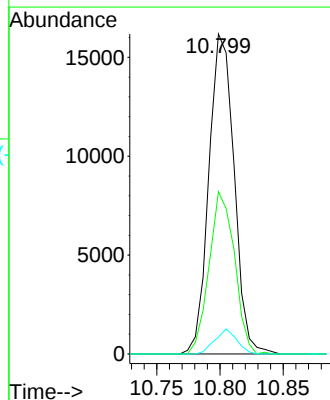
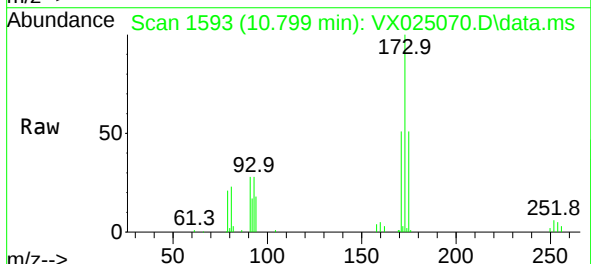
Delta R.T. -0.006 min

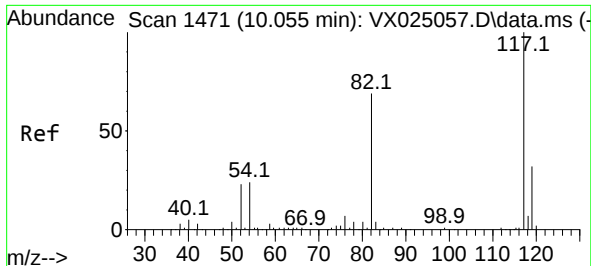
Lab File: VX025070.D

Acq: 04 Nov 2021 12:04

Tgt Ion:173 Resp: 22496

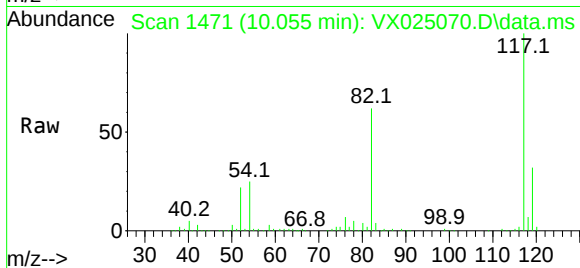
Ion	Ratio	Lower	Upper
173	100		
175	50.7	38.4	57.6
254	6.7	7.3	10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

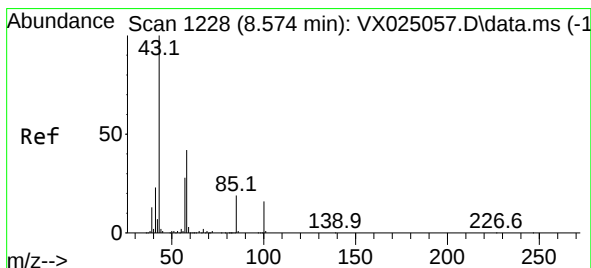
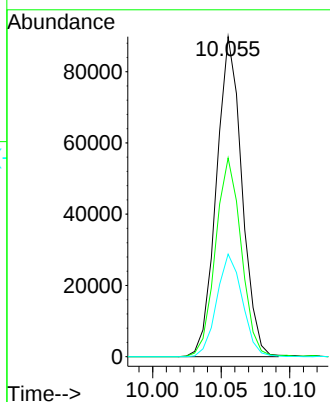
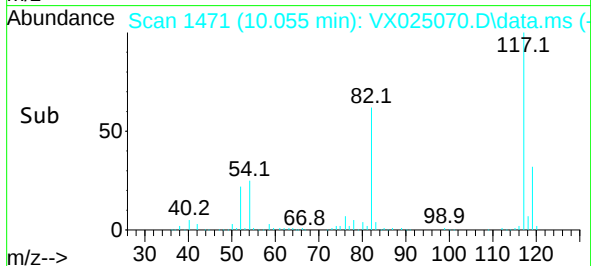
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 117 Resp: 116128
Ion Ratio Lower Upper
117 100
82 62.7 45.0 67.4
119 32.2 26.2 39.2

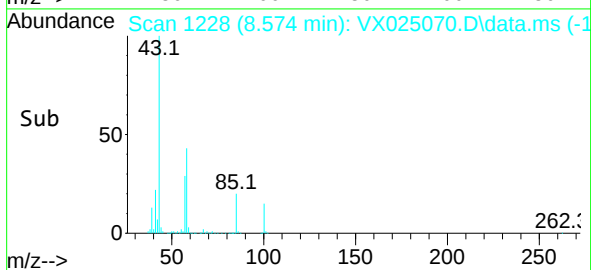
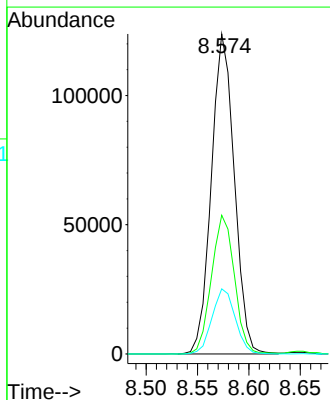
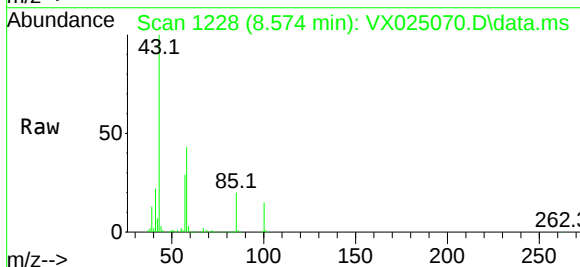
Manual Integrations
APPROVED

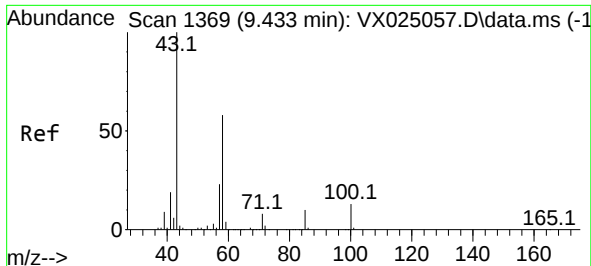
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#58
4-Methyl-2-Pentanone
Concen: 98.424 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

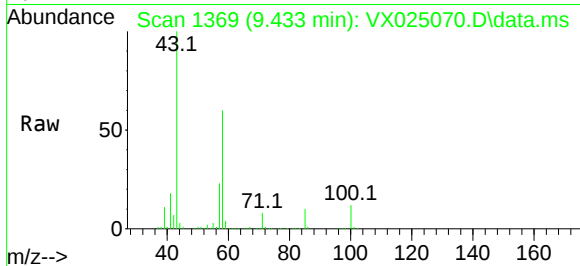
Tgt Ion: 43 Resp: 192680
Ion Ratio Lower Upper
43 100
58 43.3 30.5 45.7
85 20.5 14.0 21.0





#59
2-Hexanone
Concen: 101.648 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

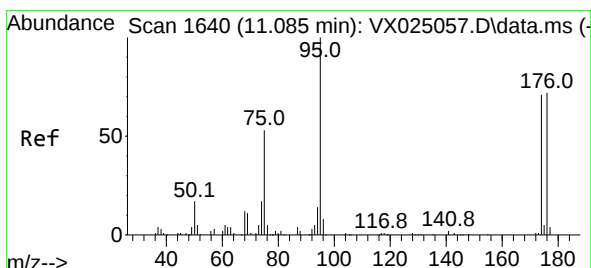
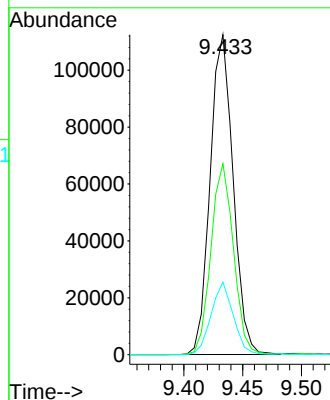
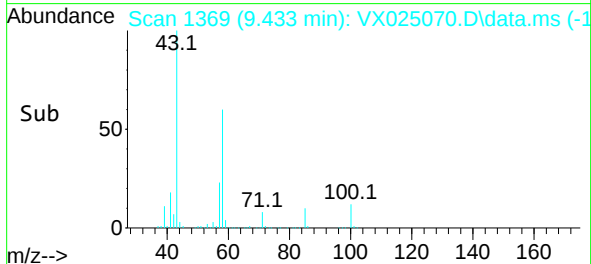
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 152900
Ion Ratio Lower Upper
43 100
58 58.6 42.1 63.1
57 22.0 14.9 22.3

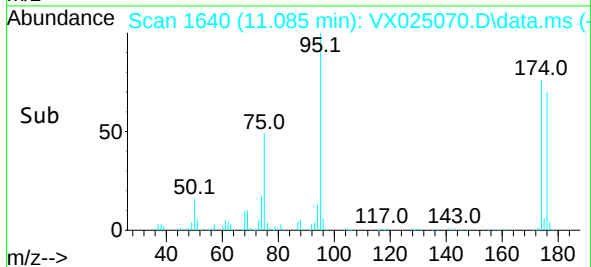
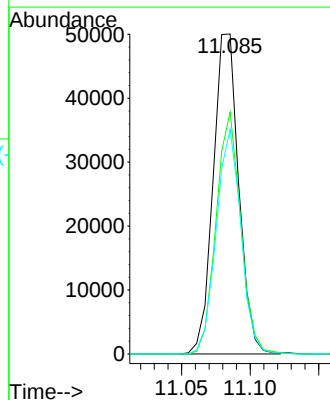
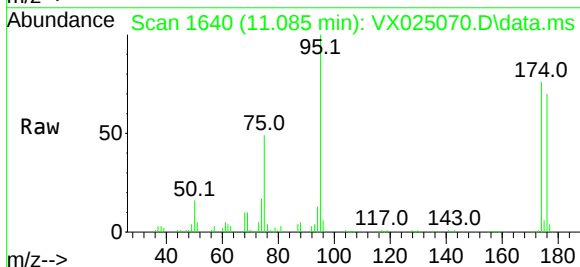
Manual Integrations
APPROVED

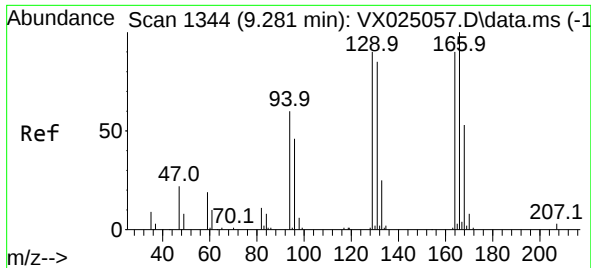
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#60
4-Bromofluorobenzene
Concen: 30.603 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

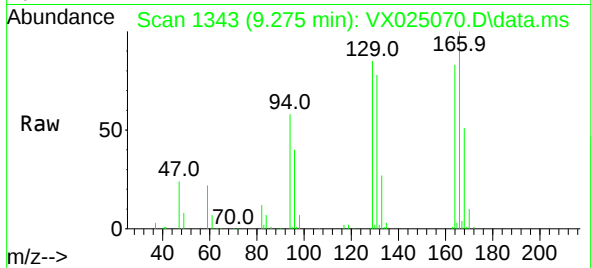
Tgt Ion: 95 Resp: 64842
Ion Ratio Lower Upper
95 100
174 72.4 63.5 95.3
176 67.8 63.0 94.4





#61
Tetrachloroethene
Concen: 21.469 ug/l
RT: 9.275 min Scan# 1344
Delta R.T. -0.006 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

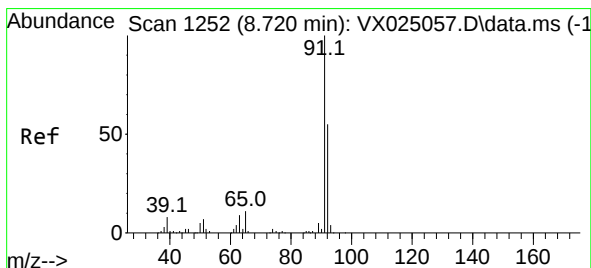
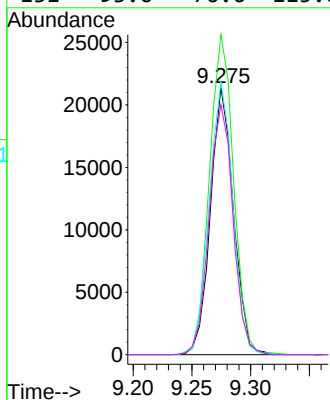
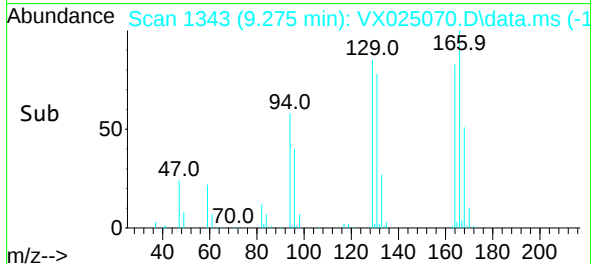
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:164 Resp: 29214
Ion Ratio Lower Upper
164 100
166 119.9 98.6 147.8
129 102.1 79.7 119.5
131 93.6 76.6 115.0

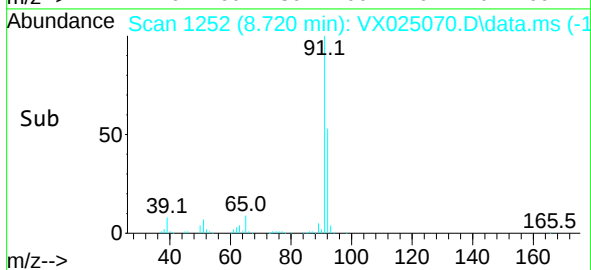
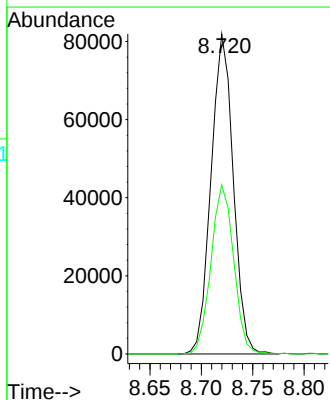
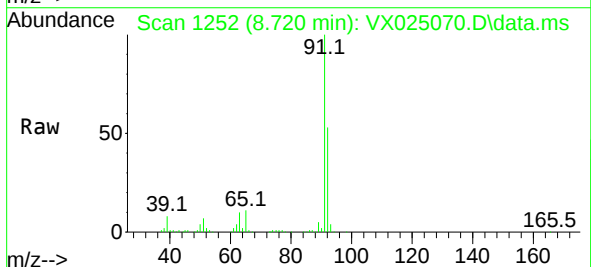
Manual Integrations
APPROVED

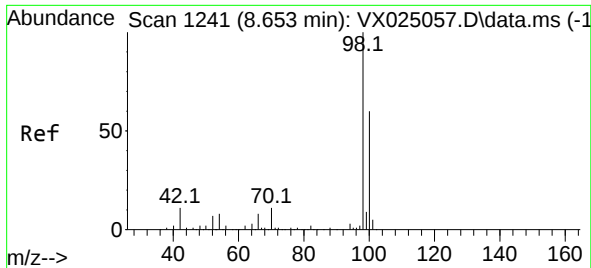
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#62
Toluene
Concen: 20.699 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

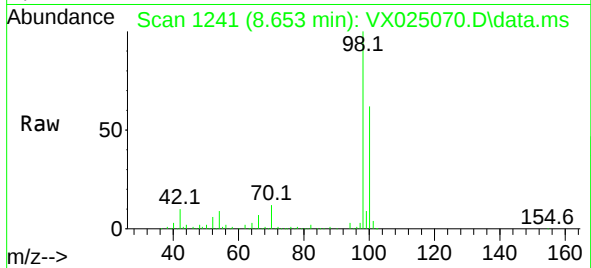
Tgt Ion: 91 Resp: 122958
Ion Ratio Lower Upper
91 100
92 53.7 46.5 69.7





#63
Toluene-d8
Concen: 30.650 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

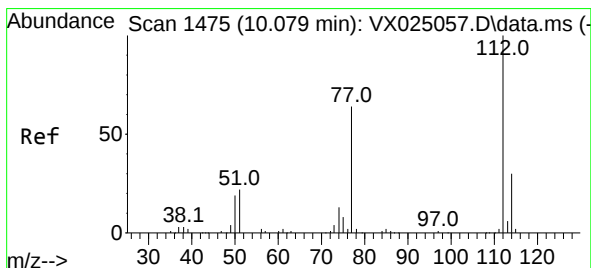
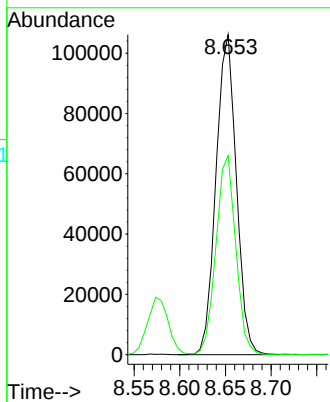
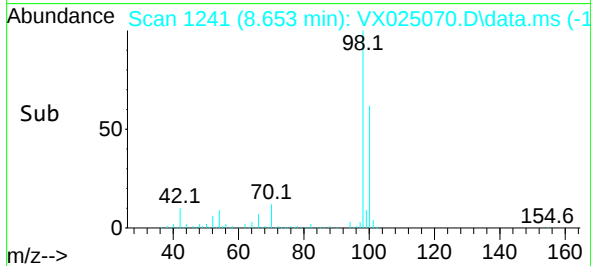
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 98 Resp: 16439
Ion Ratio Lower Upper
98 100
100 60.6 51.4 77.0

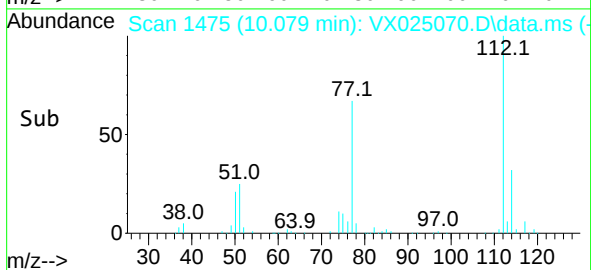
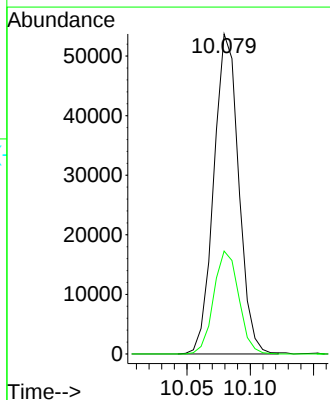
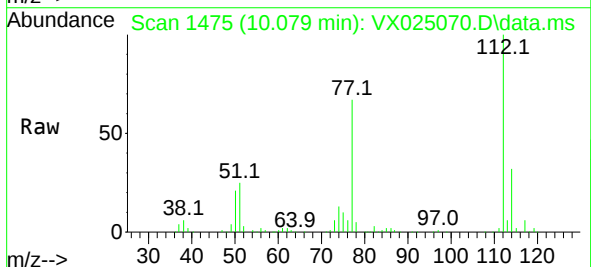
Manual Integrations
APPROVED

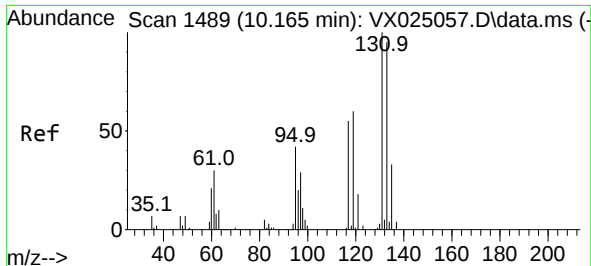
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#64
Chlorobenzene
Concen: 20.467 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

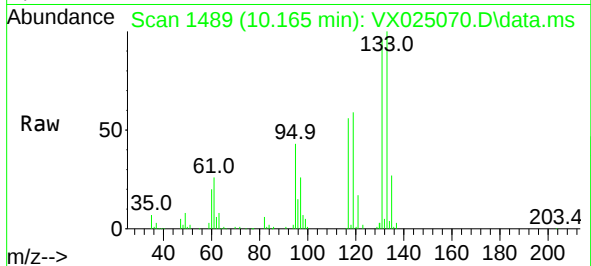
Tgt Ion:112 Resp: 73435
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 20.119 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

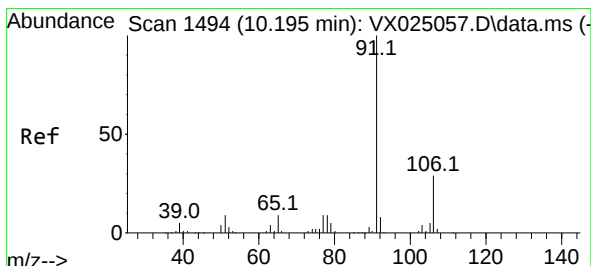
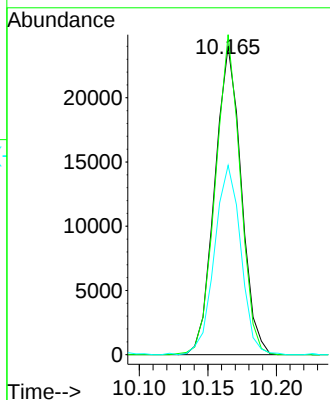
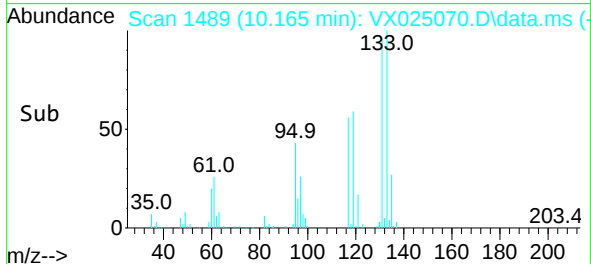
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:131 Resp: 3224
Ion Ratio Lower Upper
131 100
133 97.5 0.0 191.2
119 61.2 0.0 133.2

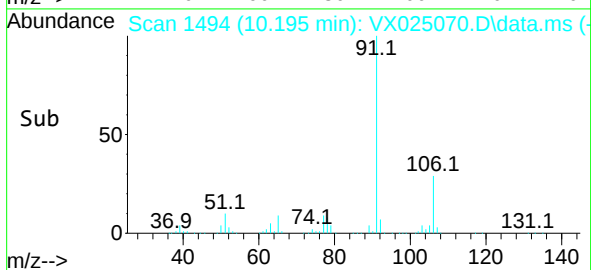
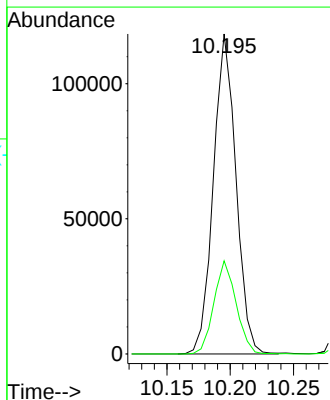
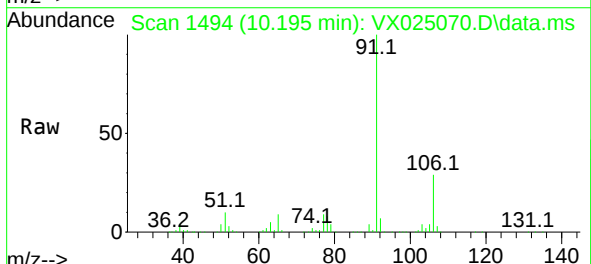
Manual Integrations
APPROVED

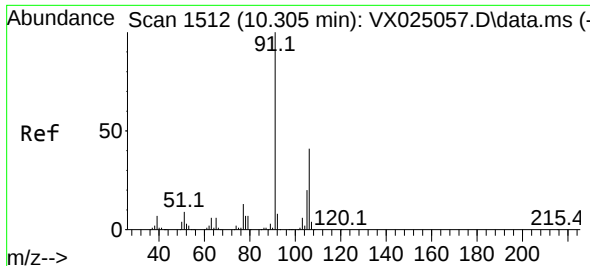
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#66
Ethyl Benzene
Concen: 20.913 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

Tgt Ion: 91 Resp: 146891
Ion Ratio Lower Upper
91 100
106 29.1 24.7 37.1





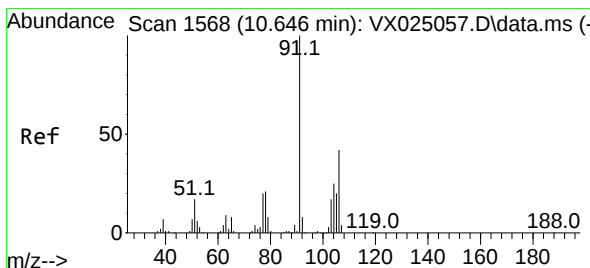
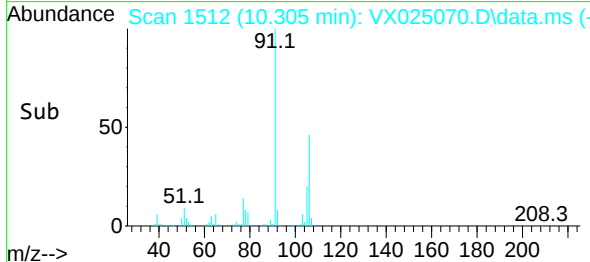
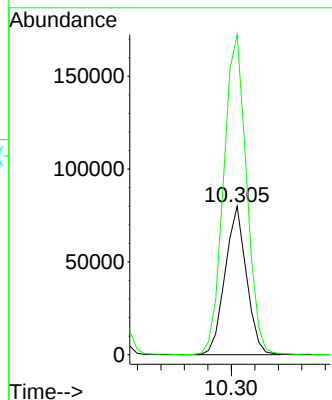
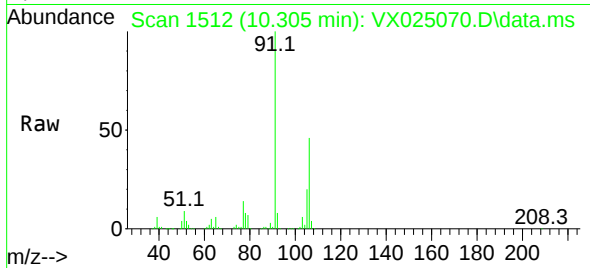
#67
m/p-Xylenes
Concen: 41.886 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 101162
Ion Ratio Lower Upper
106 100
91 231.7 162.4 243.6

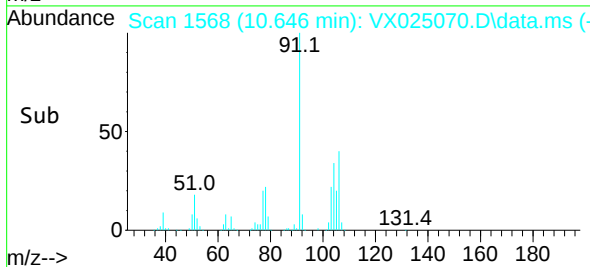
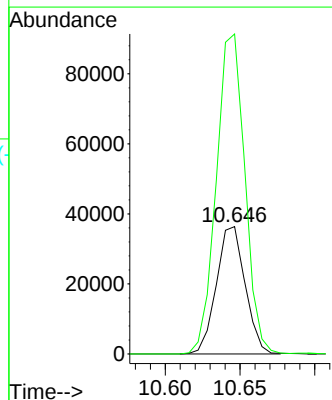
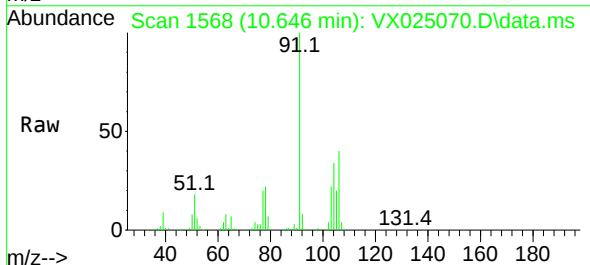
Manual Integrations
APPROVED

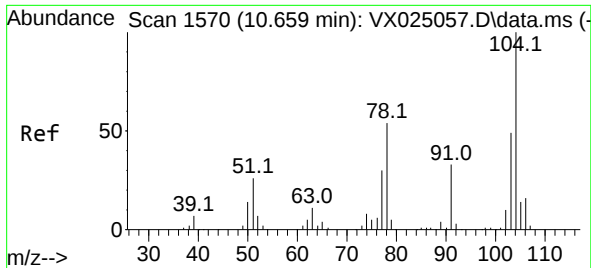
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#68
o-Xylene
Concen: 20.639 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

Tgt Ion:106 Resp: 48676
Ion Ratio Lower Upper
106 100
91 249.7 107.3 321.8





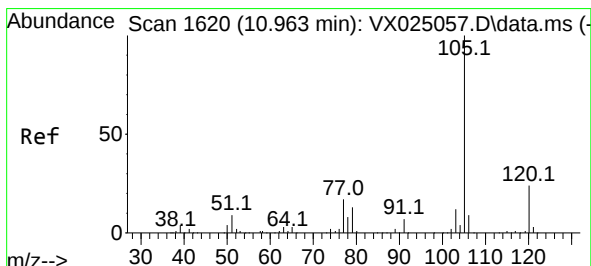
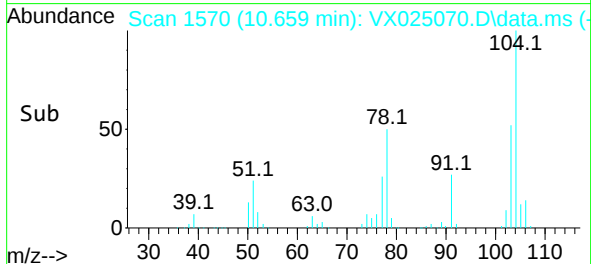
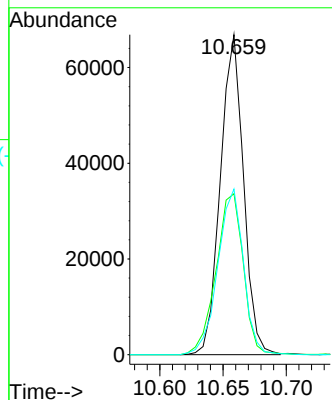
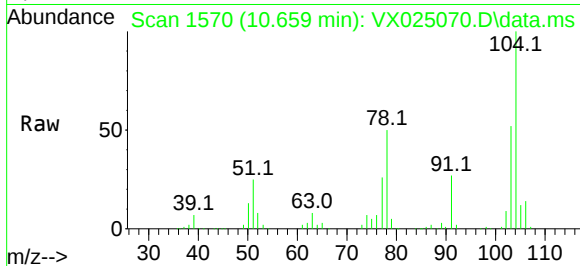
#69
Styrene
Concen: 21.173 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:104 Resp: 84832
Ion Ratio Lower Upper
104 100
78 59.4 41.4 62.0
103 57.4 44.2 66.4

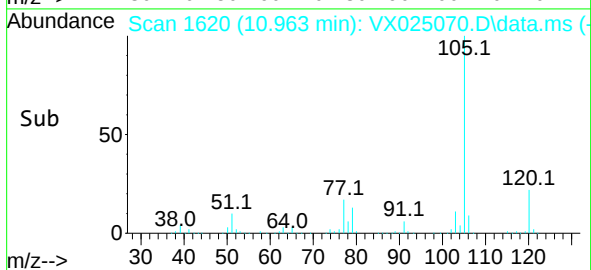
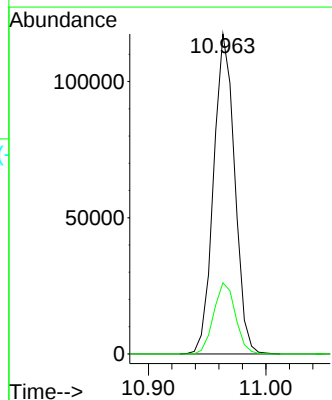
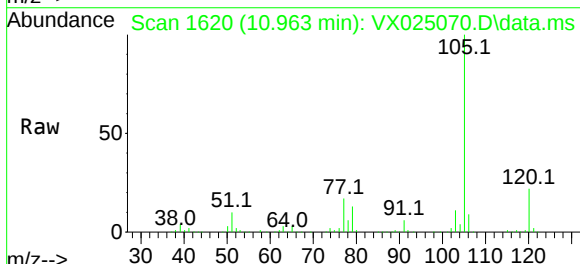
Manual Integrations
APPROVED

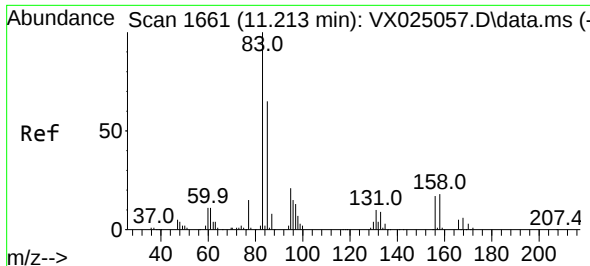
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#70
Isopropylbenzene
Concen: 21.450 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

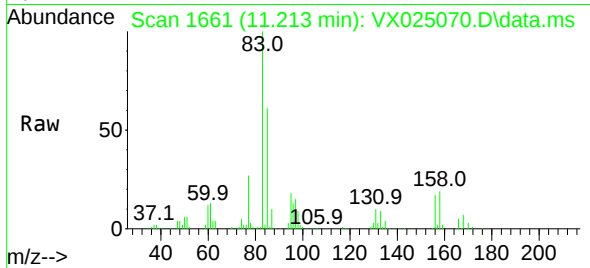
Tgt Ion:105 Resp: 146984
Ion Ratio Lower Upper
105 100
120 22.9 18.7 34.7





#71
1,1,2,2-Tetrachloroethane
Concen: 20.247 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

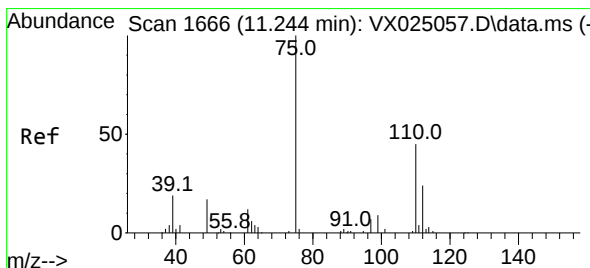
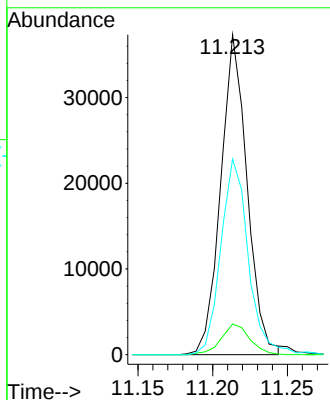
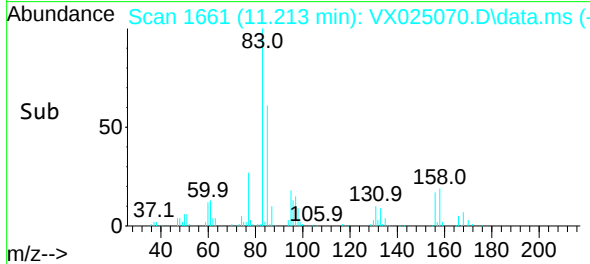
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 83 Resp: 45799
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.4
85 63.6 32.4 97.2

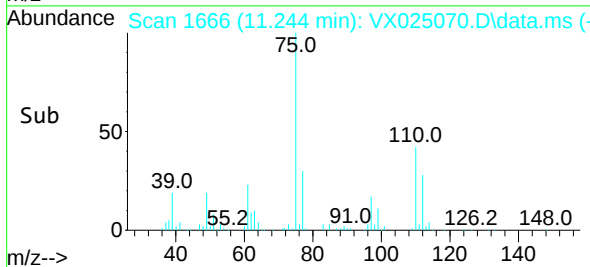
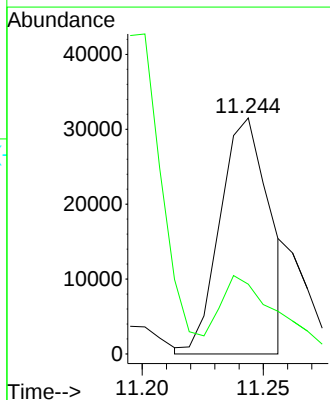
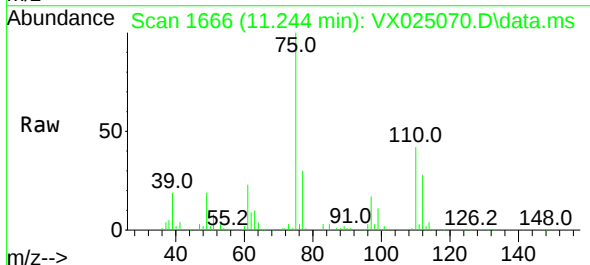
Manual Integrations
APPROVED

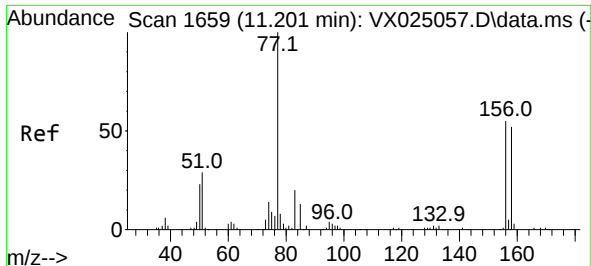
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#72
1,2,3-Trichloropropane
Concen: 20.375 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

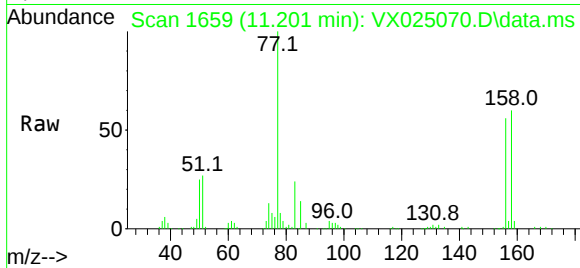
Tgt Ion: 75 Resp: 44639
Ion Ratio Lower Upper
75 100
77 39.0 0.0 77.4





#73
Bromobenzene
Concen: 20.738 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

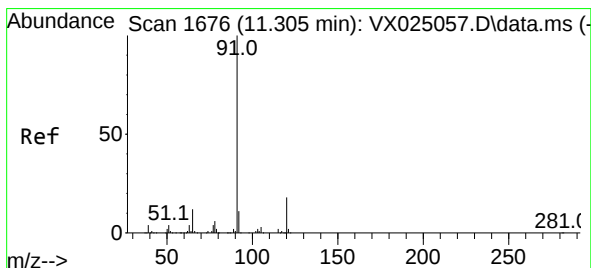
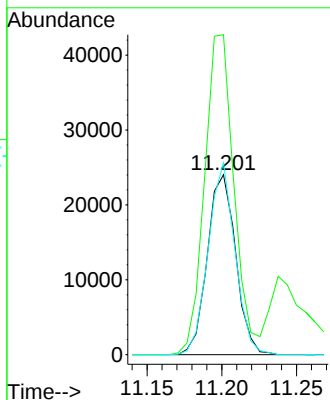
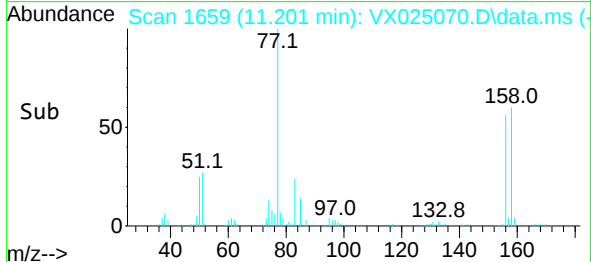
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



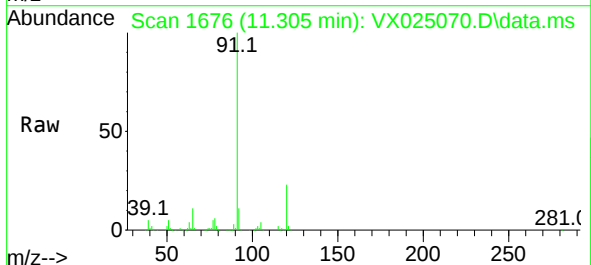
Tgt Ion:156 Resp: 31754
Ion Ratio Lower Upper
156 100
77 184.5 0.0 303.2
158 100.7 0.0 197.2

Manual Integrations
APPROVED

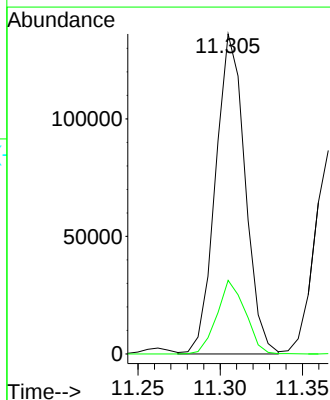
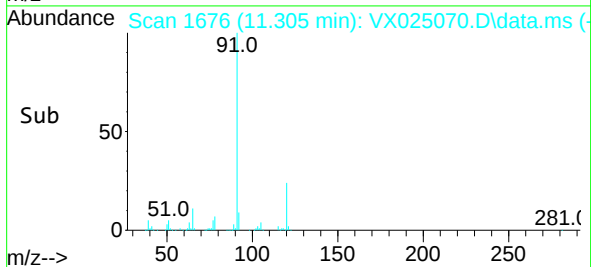
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

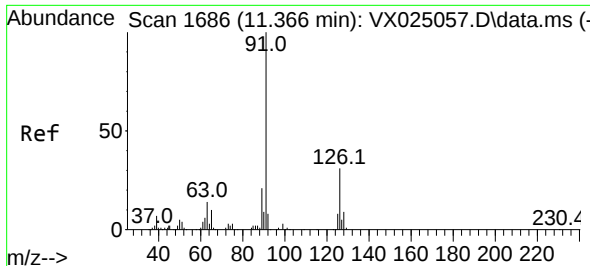


#74
n-propylbenzene
Concen: 20.938 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04



Tgt Ion: 91 Resp: 170156
Ion Ratio Lower Upper
91 100
120 22.0 0.0 46.0





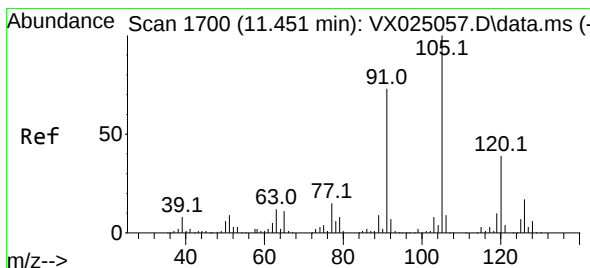
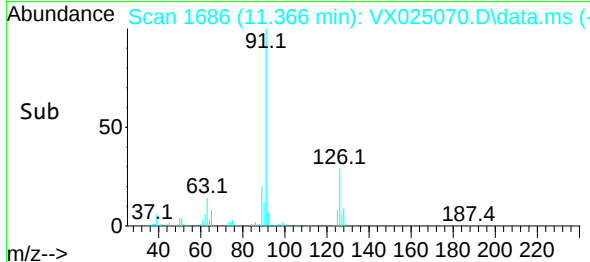
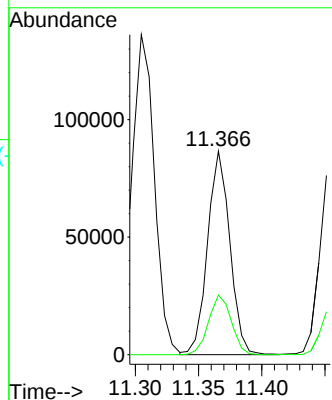
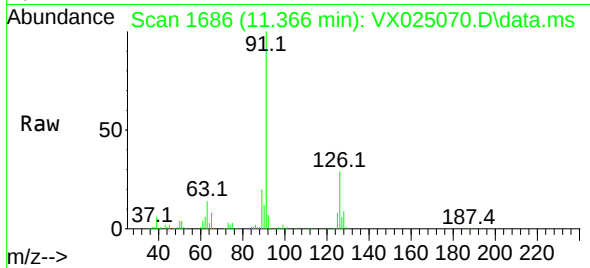
#75
2-Chlorotoluene
Concen: 20.859 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 10623
Ion Ratio Lower Upper
91 100
126 29.8 0.0 69.0

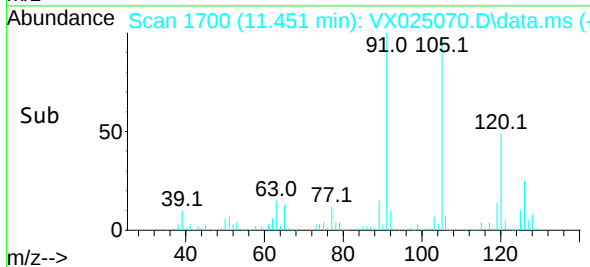
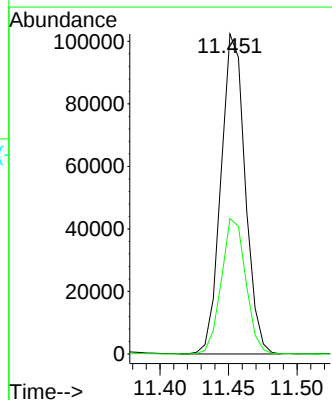
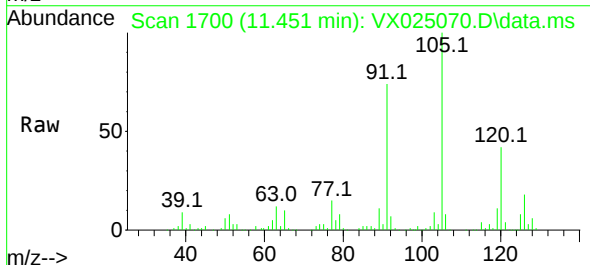
Manual Integrations
APPROVED

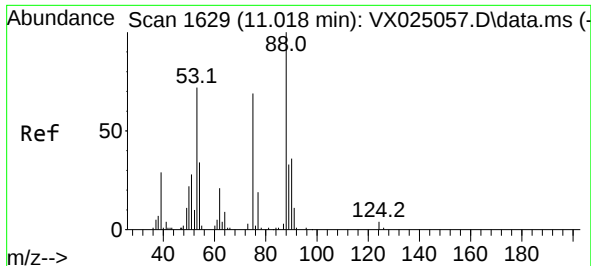
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#76
1,3,5-Trimethylbenzene
Concen: 20.995 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

Tgt Ion:105 Resp: 125471
Ion Ratio Lower Upper
105 100
120 42.7 0.0 98.0





#77

t-1,4-Dichloro-2-butene

Concen: 19.545 ug/l

RT: 11.018 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VX025070.D

Acq: 04 Nov 2021 12:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 14418

Ion Ratio Lower Upper

75 100

53 107.5 53.9 161.7

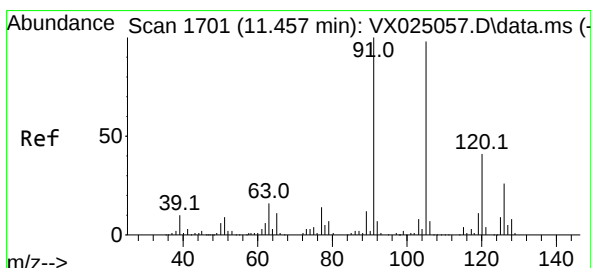
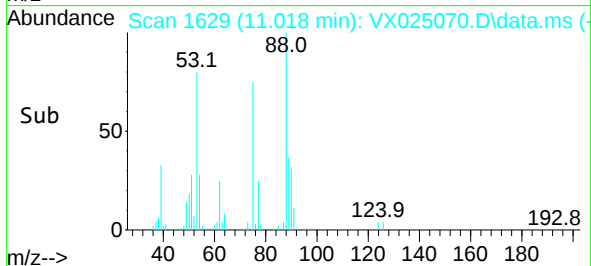
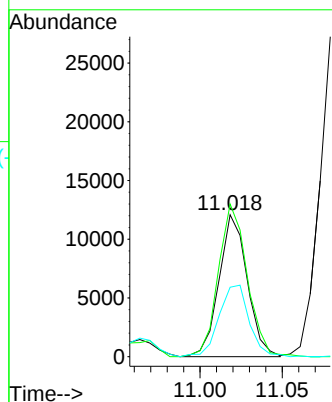
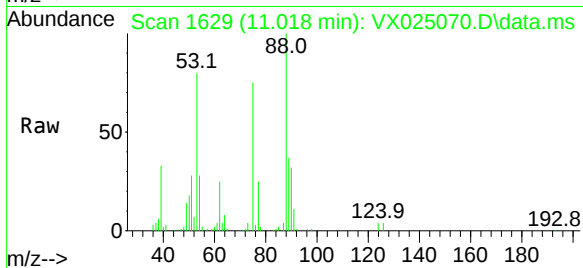
89 49.0 22.9 68.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#78

4-Chlorotoluene

Concen: 20.470 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VX025070.D

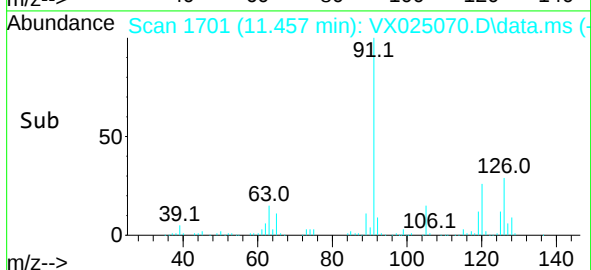
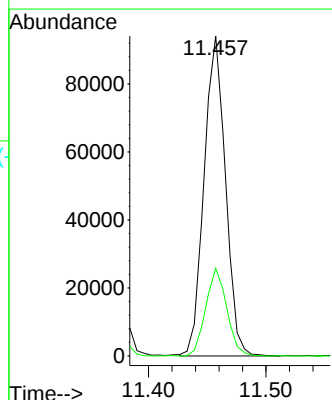
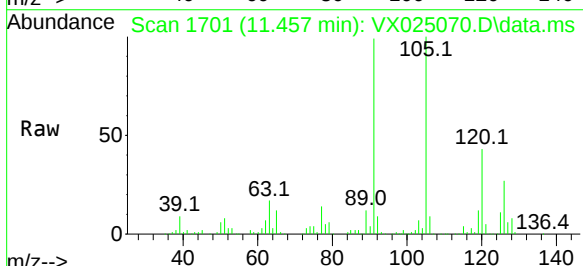
Acq: 04 Nov 2021 12:04

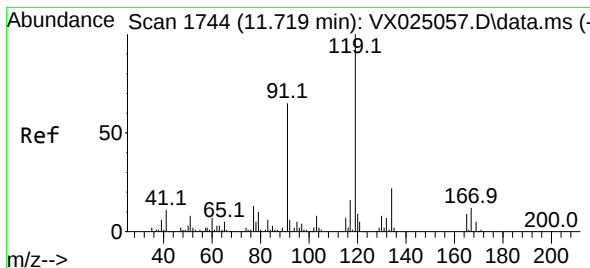
Tgt Ion: 91 Resp: 118982

Ion Ratio Lower Upper

91 100

126 26.8 0.0 59.6





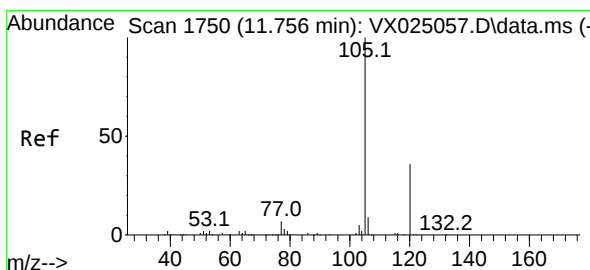
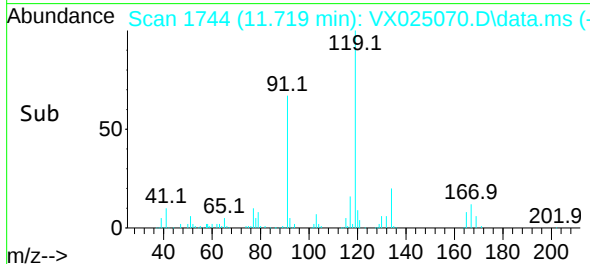
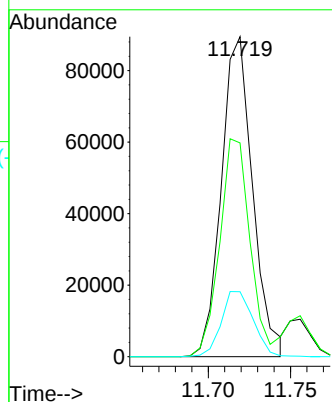
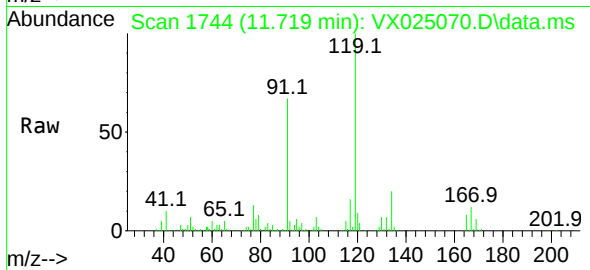
#79
tert-butylbenzene
Concen: 21.020 ug/l
RT: 11.719 min Scan# 118354
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:119 Resp: 118354
Ion Ratio Lower Upper
119 100
91 65.9 0.0 121.2
134 20.9 0.0 47.4

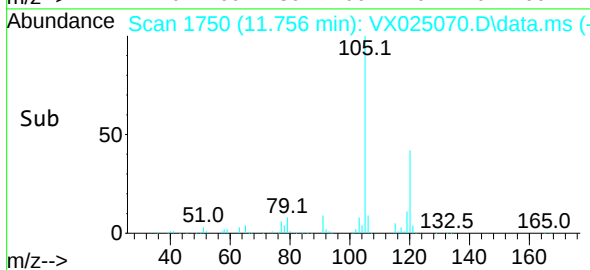
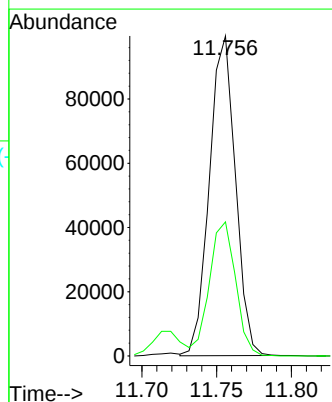
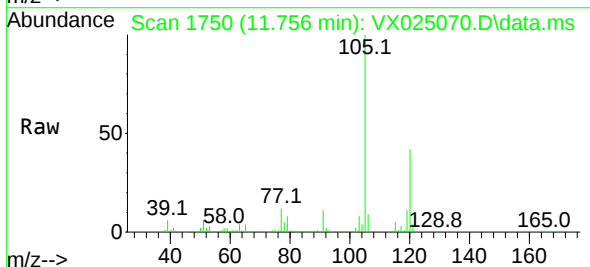
Manual Integrations
APPROVED

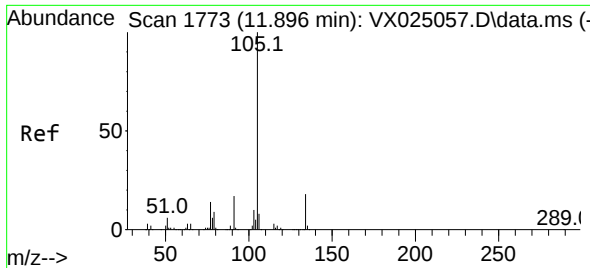
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#80
1,2,4-Trimethylbenzene
Concen: 20.517 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

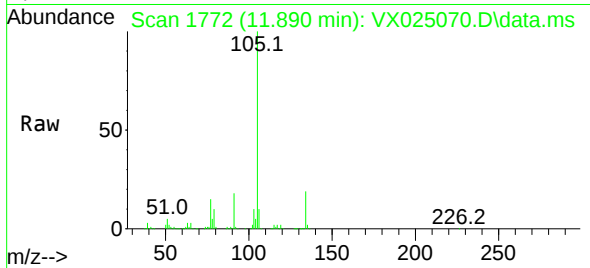
Tgt Ion:105 Resp: 120579
Ion Ratio Lower Upper
105 100
120 42.3 0.0 90.4





#81
 sec-Butylbenzene
 Concen: 21.860 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: VX025070.D
 Acq: 04 Nov 2021 12:04

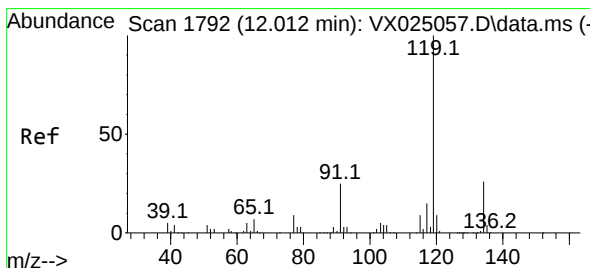
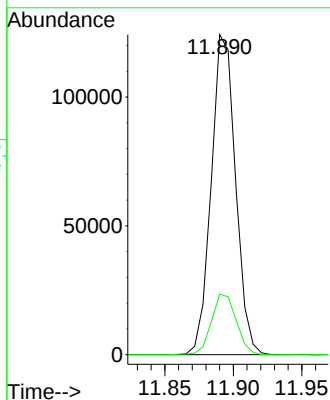
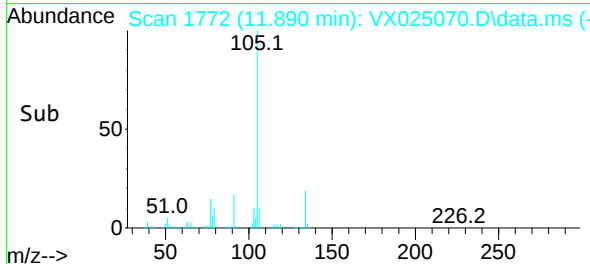
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



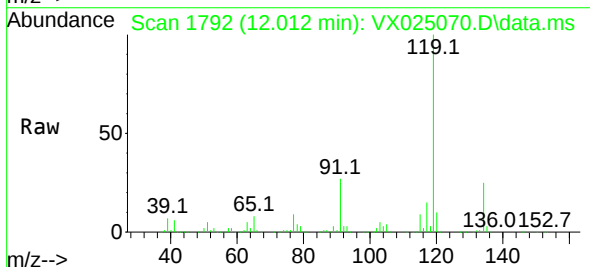
Tgt Ion:105 Resp: 15313
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 40.2

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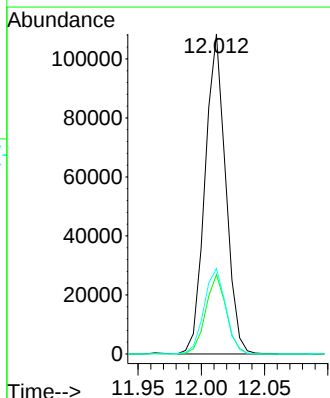
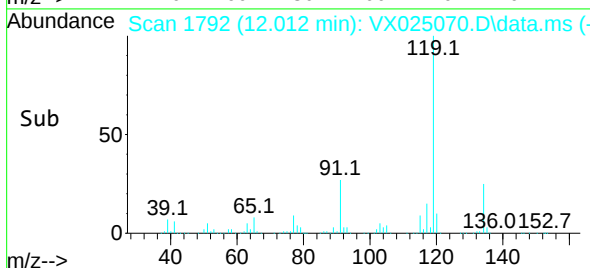
Reviewed By :John Carlone 11/08/2021
 Supervised By :Mahesh Dadoda 11/10/2021

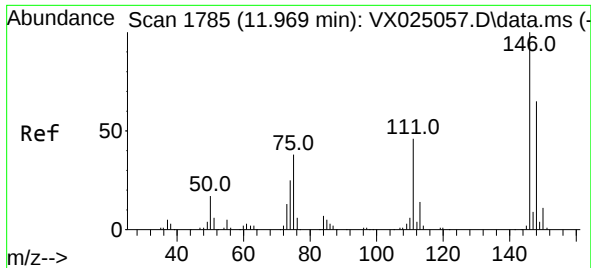


#82
 p-Isopropyltoluene
 Concen: 21.150 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX025070.D
 Acq: 04 Nov 2021 12:04



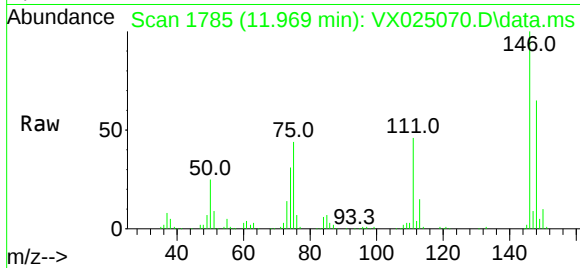
Tgt Ion:119 Resp: 122892
 Ion Ratio Lower Upper
 119 100
 134 24.6 0.0 52.8
 91 28.1 0.0 48.6





#83
1,3-Dichlorobenzene
Concen: 20.215 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

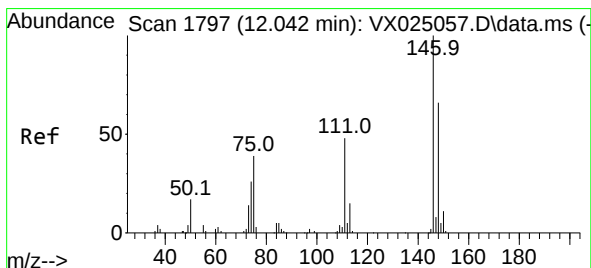
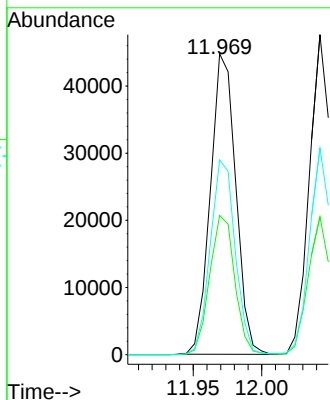
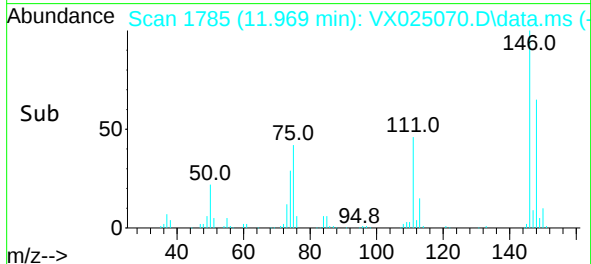
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



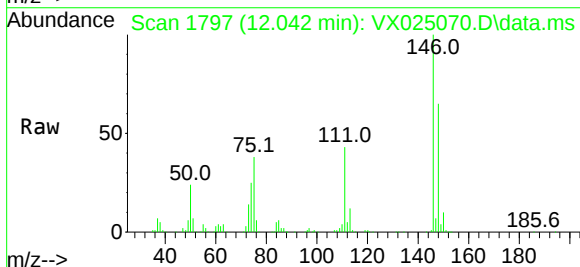
Tgt Ion:146 Resp: 57560
Ion Ratio Lower Upper
146 100
111 46.0 20.1 60.2
148 63.8 31.9 95.5

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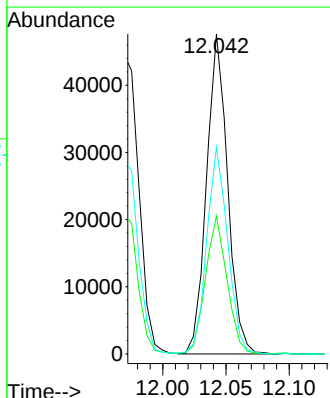
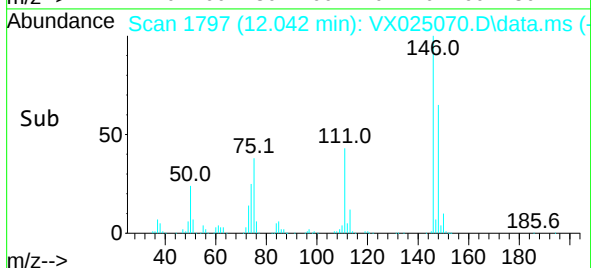
Reviewed By :John Carbone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

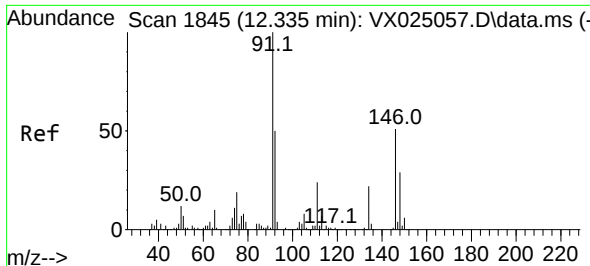


#84
1,4-Dichlorobenzene
Concen: 19.478 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04



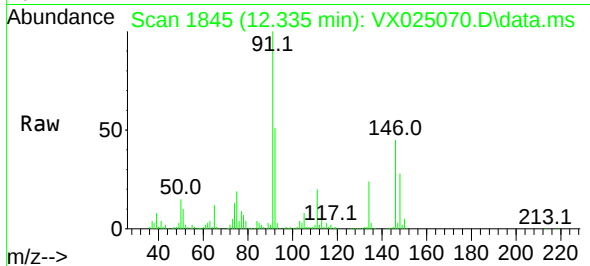
Tgt Ion:146 Resp: 55232
Ion Ratio Lower Upper
146 100
111 44.0 18.9 56.9
148 64.4 31.4 94.2





#85
n-Butylbenzene
Concen: 20.013 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

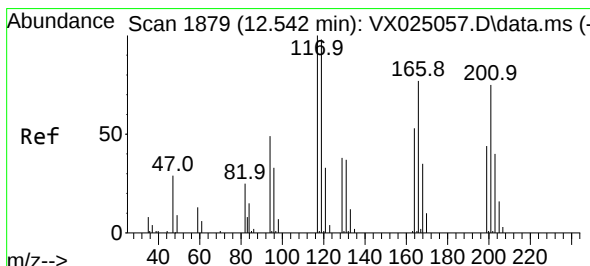
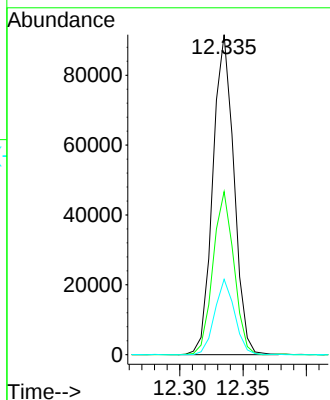
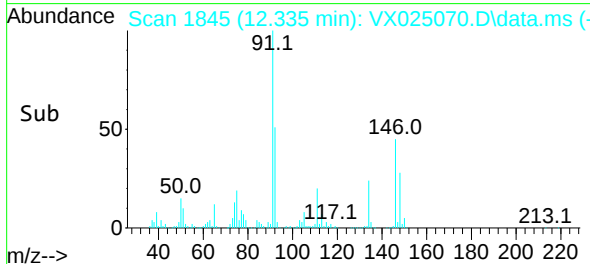
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



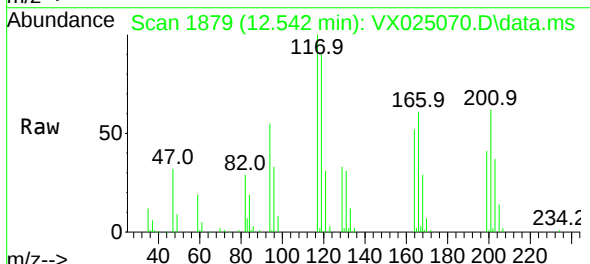
Tgt Ion: 91 Resp: 106050
Ion Ratio Lower Upper
91 100
92 50.3 0.0 105.4
134 22.2 0.0 52.4

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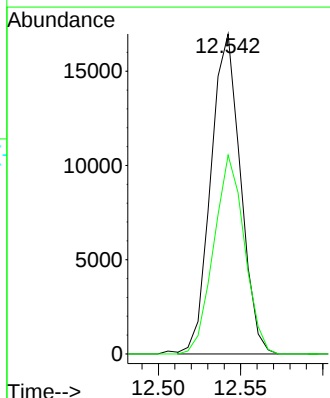
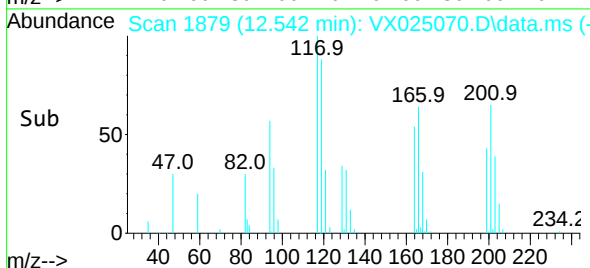
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

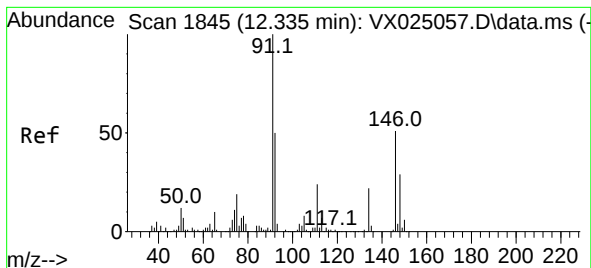


#86
Hexachloroethane
Concen: 20.572 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04



Tgt Ion:117 Resp: 21310
Ion Ratio Lower Upper
117 100
201 64.1 37.5 112.5





#87

1,2-Dichlorobenzene

Concen: 18.334 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX025070.D

Acq: 04 Nov 2021 12:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:146 Resp: 51399

Ion Ratio Lower Upper

146 100

111 48.0 20.7 62.1

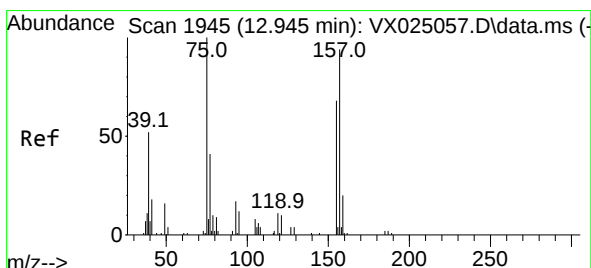
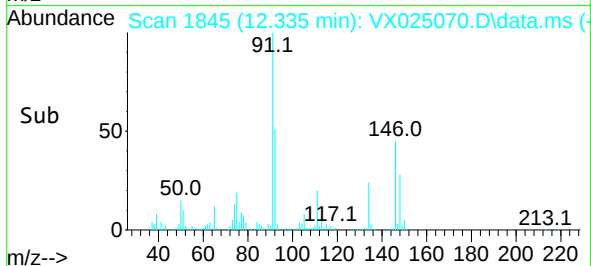
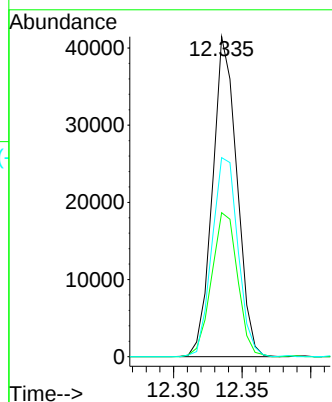
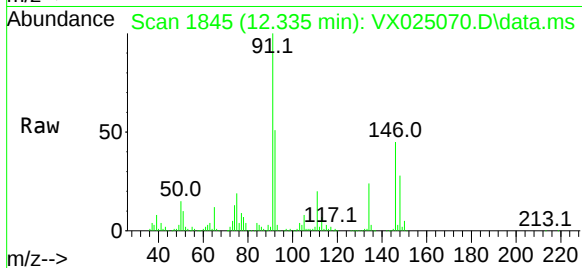
148 66.2 32.6 97.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.153 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX025070.D

Acq: 04 Nov 2021 12:04

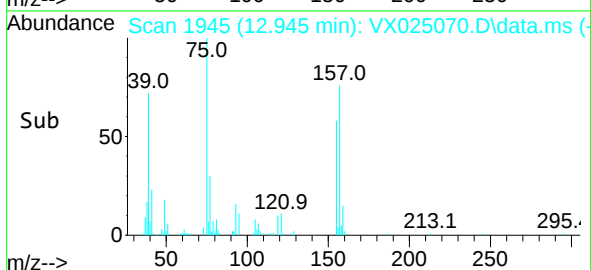
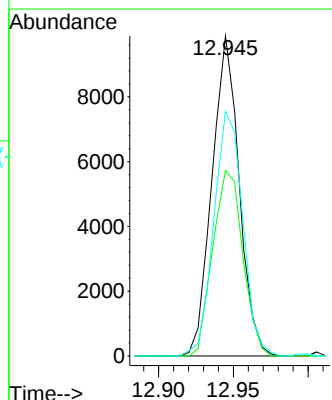
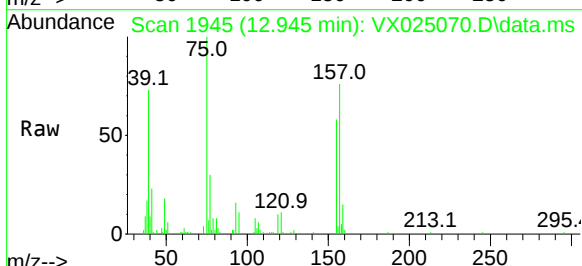
Tgt Ion: 75 Resp: 12469

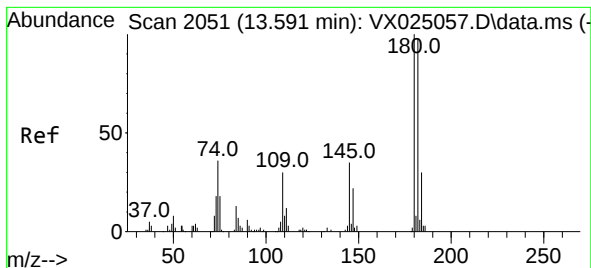
Ion Ratio Lower Upper

75 100

155 64.1 67.4 101.2#

157 81.2 85.8 128.8#





#89

1,2,4-Trichlorobenzene

Concen: 21.687 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX025070.D

Acq: 04 Nov 2021 12:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

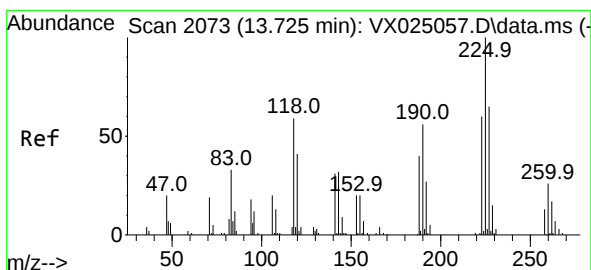
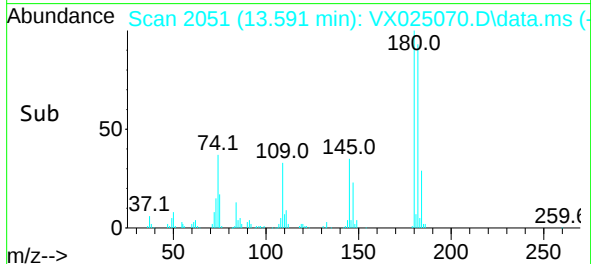
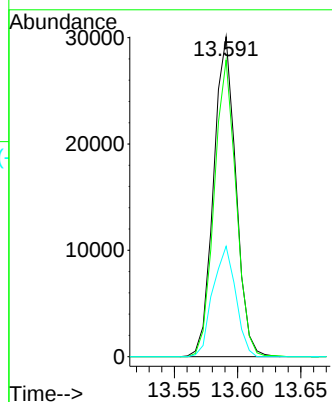
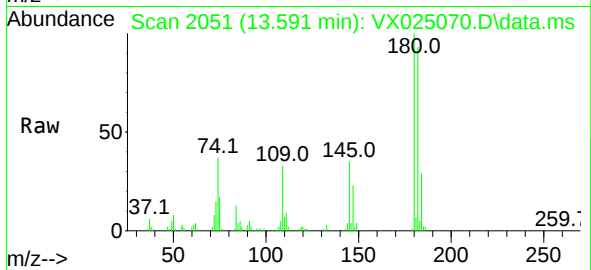
Tgt Ion:180	Resp:	36830
Ion Ratio	Lower	Upper
180	100	
182	90.6	75.9 113.9
145	35.4	24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#90

Hexachlorobutadiene

Concen: 21.553 ug/l

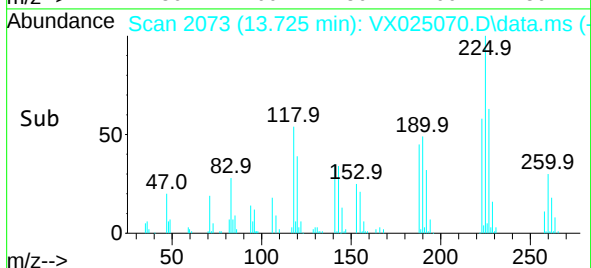
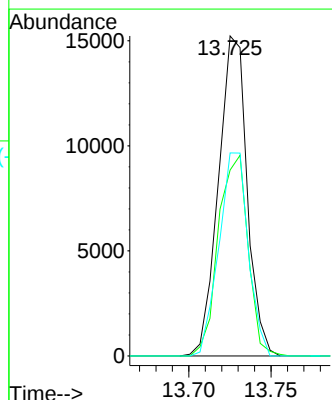
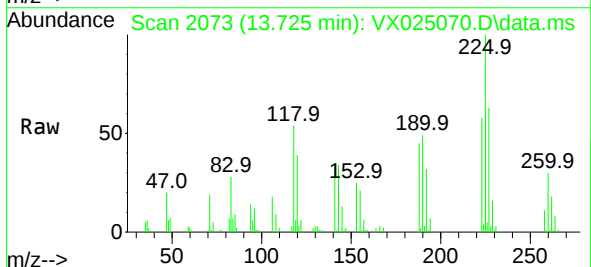
RT: 13.725 min Scan# 2073

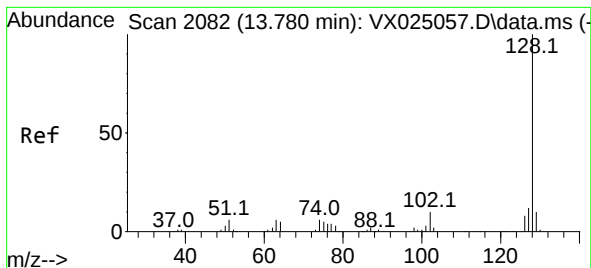
Delta R.T. -0.000 min

Lab File: VX025070.D

Acq: 04 Nov 2021 12:04

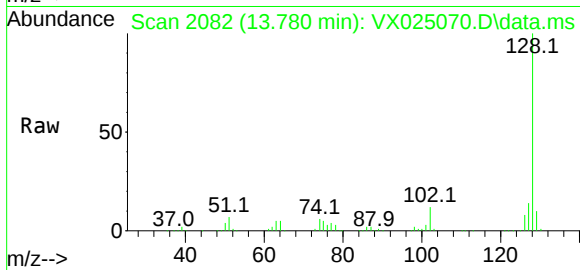
Tgt Ion:225	Resp:	18493
Ion Ratio	Lower	Upper
225	100	
223	64.6	0.0 126.4
227	64.8	0.0 125.0





#91
Naphthalene
Concen: 19.949 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04

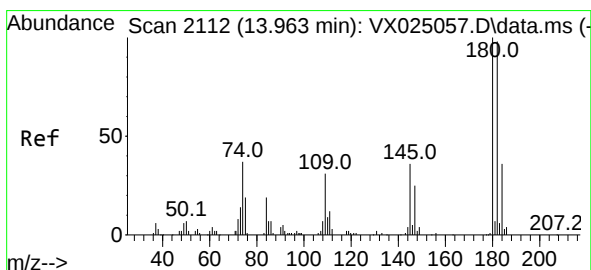
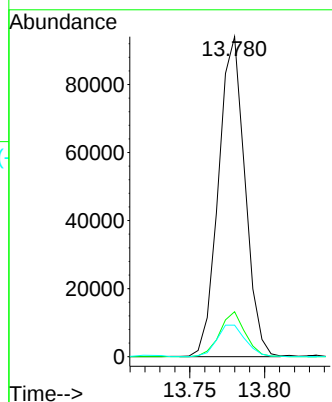
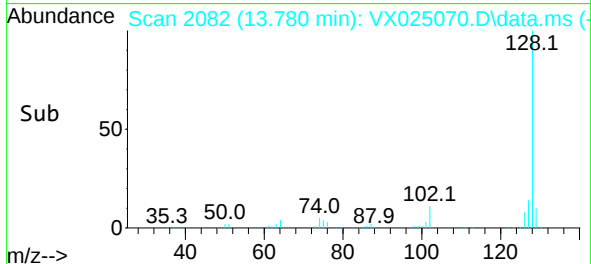
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



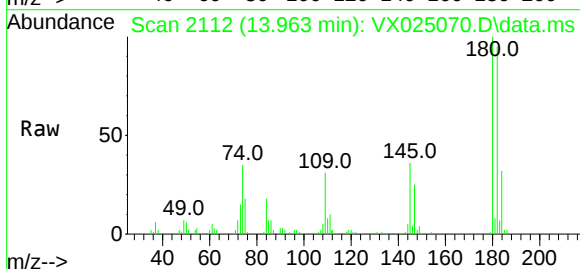
Tgt Ion:128 Resp: 11578
Ion Ratio Lower Upper
128 100
127 13.5 10.1 15.1
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#92
1,2,3-Trichlorobenzene
Concen: 20.644 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX025070.D
Acq: 04 Nov 2021 12:04



Tgt Ion:180 Resp: 35759
Ion Ratio Lower Upper
180 100
182 98.0 0.0 193.4
145 37.7 0.0 64.4

