

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110421\
 Data File : VX025079.D
 Acq On : 04 Nov 2021 19:18
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

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

Quant Time: Nov 07 00:04:53 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	4.898	128	20648	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	6.763	114	107569	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	10.055	117	76155	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	55790	28.311	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	94.367%		
60) 4-Bromofluorobenzene	11.085	95	48259	34.731	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	115.767%#		
63) Toluene-d8	8.653	98	106074	30.158	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.533%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	32457	20.528	ug/l	99
3) Chloromethane	1.288	50	15934	19.182	ug/l	88
4) Vinyl Chloride	1.374	62	27482	28.849	ug/l	93
5) Bromomethane	1.612	94	24064	30.768	ug/l	94
6) Chloroethane	1.691	64	20136	37.489	ug/l	98
7) Trichlorofluoromethane	1.892	101	65138	28.332	ug/l	92
8) Diethyl Ether	2.136	74	18628	34.191	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	22497	18.758	ug/l	91
10) 1,1-Dichloroethene	2.325	96	19226	18.906	ug/l	94
11) Methyl Iodide	2.453	142	23661	20.812	ug/l	96
12) Methyl Acetate	2.709	43	59150	27.683	ug/l	92
13) Acrolein	2.240	56	11820	121.455	ug/l	98
14) Acrylonitrile	3.069	53	57823	96.080	ug/l	96
15) Acetone	2.386	58	17446	94.877	ug/l #	62
16) Carbon Disulfide	2.514	76	50302	19.378	ug/l	99
17) Allyl chloride	2.666	41	49041	30.231	ug/l	92
18) Methylene Chloride	2.794	84	27023	22.702	ug/l	96
19) trans-1,2-Dichloroethene	3.093	96	22310	19.956	ug/l	85
20) Diisopropyl ether	3.764	45	71857	20.475	ug/l #	86
21) 1,1-Dichloroethane	3.617	63	45620	19.589	ug/l	99
22) cis-1,2-Dichloroethene	4.495	96	26891	20.271	ug/l	93
23) tert-Butyl Alcohol	2.989	59	31504	86.081	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	88300	20.543	ug/l	91
25) Chloroform	5.105	83	53979	19.990	ug/l	98
26) Cyclohexane	5.477	56	37174	20.009	ug/l #	95
29) 1,1-Dichloropropene	5.702	75	35664	20.618	ug/l	98
30) 2-Butanone	4.562	43	85383	97.870	ug/l	96
31) 2,2-Dichloropropane	4.483	77	44187	20.111	ug/l #	77
32) 1,1,1-Trichloroethane	5.391	97	52974	21.290	ug/l #	75
33) Carbon Tetrachloride	5.684	117	46648	21.363	ug/l	99
34) Benzene	6.044	78	93220	21.130	ug/l	99
35) Methacrylonitrile	4.922	41	17712m	20.587	ug/l	
36) 1,2-Dichloroethane	6.092	62	47475	22.209	ug/l #	93
37) Trichloroethene	7.129	130	19561	15.864	ug/l	86
38) Methylcyclohexane	7.391	83	29772	16.028	ug/l	89
39) 1,2-Dichloropropane	7.434	63	21163	17.578	ug/l	96
40) Dibromomethane	7.586	93	15435	16.456	ug/l	88
41) Bromodichloromethane	7.824	83	32557	16.349	ug/l #	89
42) Vinyl Acetate	3.727	43	260643	99.855	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	32180	19.244	ug/l #	84
44) Isopropyl Acetate	6.349	43	79065	30.229	ug/l	95
45) 1,4-Dioxane	7.684	88	9188	330.802	ug/l	92
46) Methyl methacrylate	7.696	41	27471	21.483	ug/l	92
47) n-amyl Acetate	10.842	43	50208	23.804	ug/l	96
48) t-1,3-Dichloropropene	8.982	75	35842	16.708	ug/l	99
49) cis-1,3-Dichloropropene	8.373	75	34403	16.066	ug/l	93
50) 1,1,2-Trichloroethane	9.153	97	20022	15.765	ug/l	96
51) Ethyl methacrylate	9.116	69	33599	16.415	ug/l	92
52) 1,3-Dichloropropane	9.311	76	38059	17.538	ug/l	99
53) Dibromochloromethane	9.525	129	23470	16.187	ug/l	97
54) 1,2-Dibromoethane	9.610	107	22539	15.889	ug/l	99
55) 2-Chloroethyl vinyl ether	8.245	63	79788	87.597	ug/l	96
56) Bromoform	10.805	173	15136	15.723	ug/l	95
58) 4-Methyl-2-Pentanone	8.574	43	180257	140.410	ug/l	94
59) 2-Hexanone	9.433	43	138575	140.480	ug/l	94
61) Tetrachloroethene	9.275	164	18734	20.994	ug/l	92
62) Toluene	8.720	91	84802	21.769	ug/l	96
64) Chlorobenzene	10.080	112	51031	21.689	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.165	131	21477	20.433	ug/l	96
66) Ethyl Benzene	10.195	91	100490	21.817	ug/l	95
67) m/p-Xylenes	10.305	106	69412	43.826	ug/l	83
68) o-Xylene	10.647	106	35631	23.037	ug/l	86
69) Styrene	10.659	104	56741	21.596	ug/l #	89
70) Isopropylbenzene	10.964	105	103655	23.067	ug/l	96
71) 1,1,2,2-Tetrachloroethane	11.214	83	45014	30.345	ug/l	100
72) 1,2,3-Trichloropropane	11.244	75	36314m	25.275	ug/l	
73) Bromobenzene	11.201	156	27825	27.710	ug/l	74
74) n-propylbenzene	11.305	91	146494	27.488	ug/l	97
75) 2-Chlorotoluene	11.366	91	92341	27.648	ug/l	90
76) 1,3,5-Trimethylbenzene	11.451	105	106921	27.282	ug/l	91
77) t-1,4-Dichloro-2-butene	11.025	75	10718	22.156	ug/l	76
78) 4-Chlorotoluene	11.457	91	103426	27.133	ug/l	95
79) tert-butylbenzene	11.720	119	106297	28.788	ug/l	96
80) 1,2,4-Trimethylbenzene	11.756	105	109058	28.297	ug/l	91
81) sec-Butylbenzene	11.890	105	128588	27.991	ug/l	99
82) p-Isopropyltoluene	12.012	119	108849	28.567	ug/l	96
83) 1,3-Dichlorobenzene	11.969	146	52012	27.855	ug/l	97
84) 1,4-Dichlorobenzene	12.043	146	53256	28.640	ug/l	97
85) n-Butylbenzene	12.335	91	95699	27.538	ug/l	97
86) Hexachloroethane	12.543	117	18943	27.886	ug/l	89
87) 1,2-Dichlorobenzene	12.335	146	50864	27.667	ug/l	94
88) 1,2-Dibromo-3-Chloropr...	12.945	75	10731	26.448	ug/l	86
89) 1,2,4-Trichlorobenzene	13.591	180	31922	28.664	ug/l	94
90) Hexachlorobutadiene	13.725	225	16368	29.089	ug/l	99
91) Naphthalene	13.780	128	103058	27.078	ug/l	98
92) 1,2,3-Trichlorobenzene	13.963	180	32100	28.259	ug/l	97

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

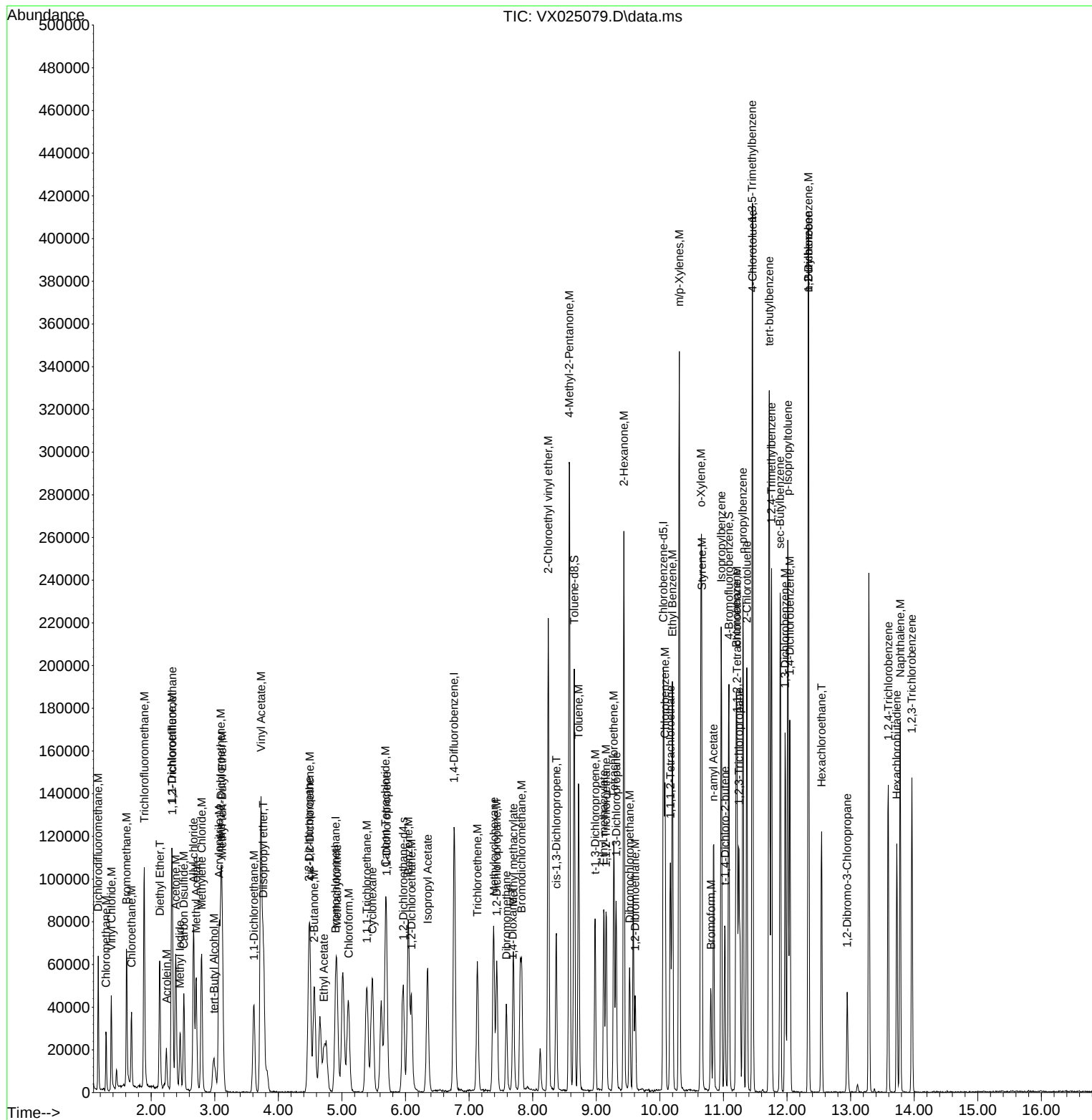
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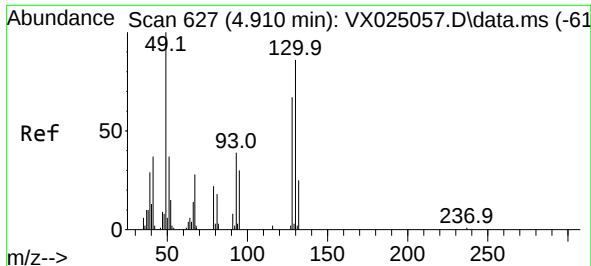
Instrument :
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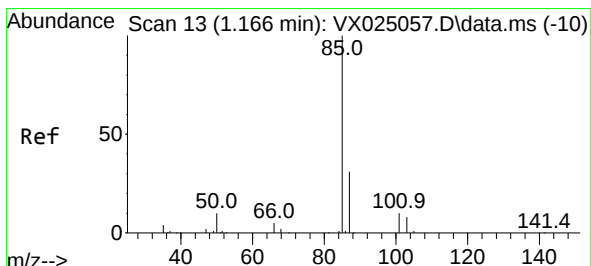
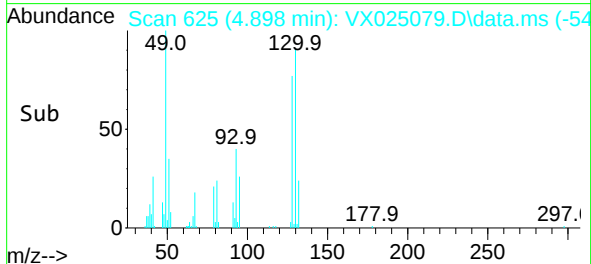
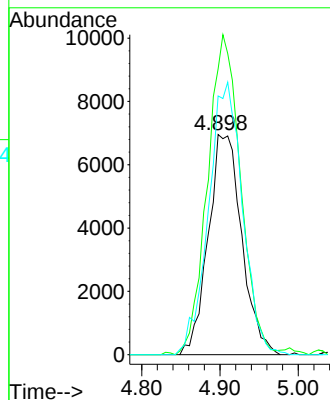
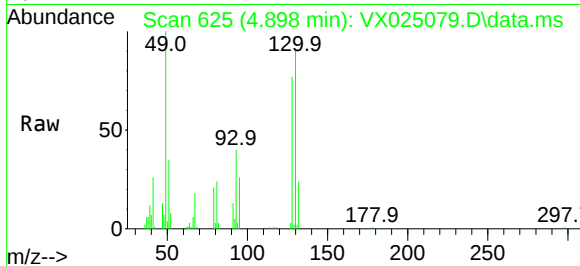
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 20648
Ion Ratio Lower Upper
128 100
49 143.5 0.0 402.5
130 125.6 0.0 326.5

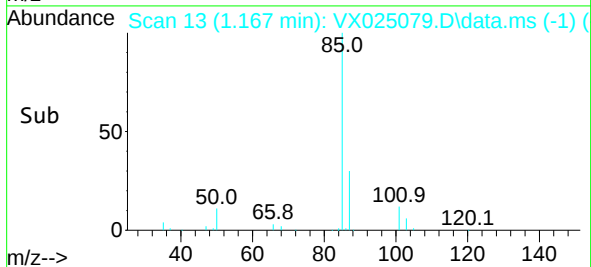
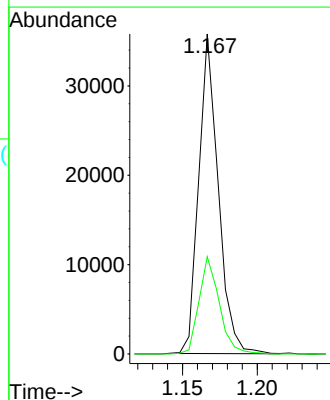
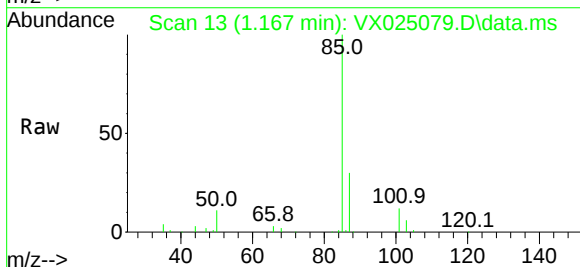
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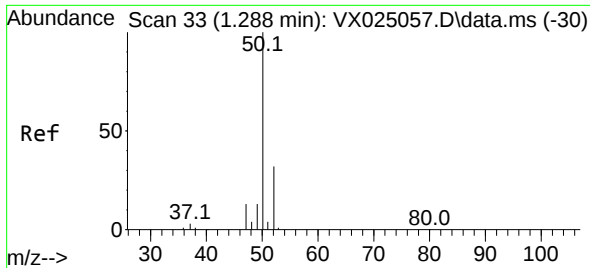
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#2
Dichlorodifluoromethane
Concen: 20.528 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

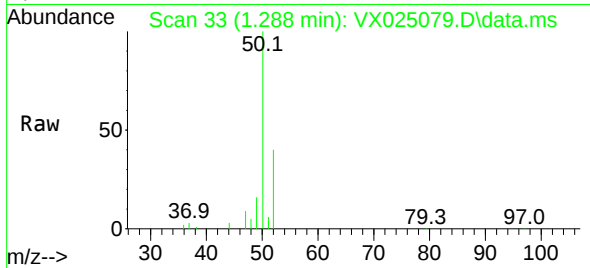
Tgt Ion: 85 Resp: 32457
Ion Ratio Lower Upper
85 100
87 30.5 15.6 46.8





#3
Chloromethane
Concen: 19.182 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

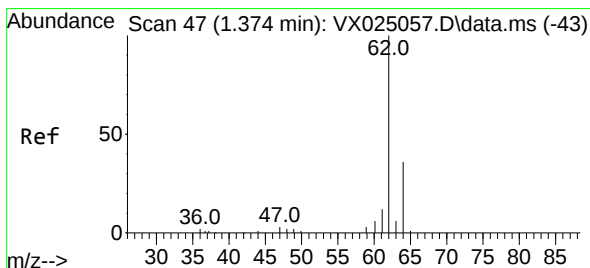
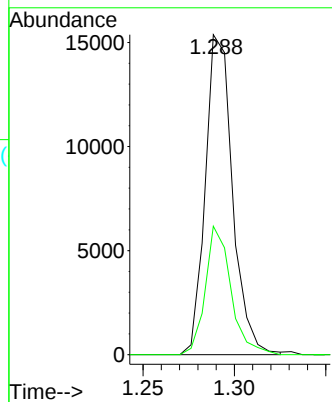
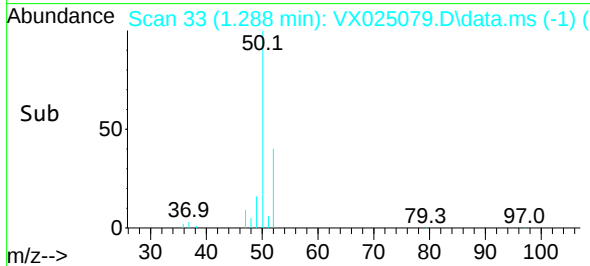
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VSTDCCC020EC



Tgt Ion: 50 Resp: 15934
Ion Ratio Lower Upper
50 100
52 40.2 26.9 40.3

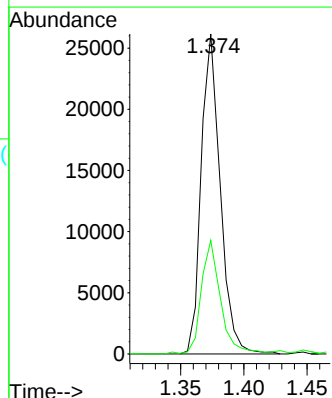
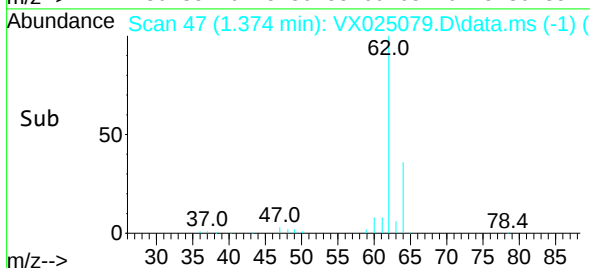
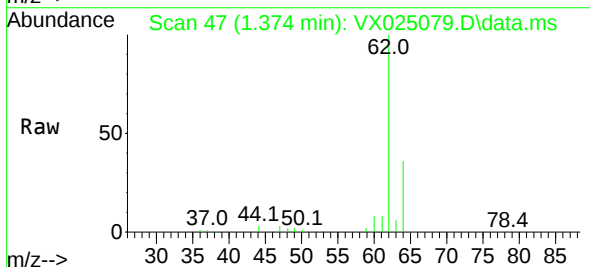
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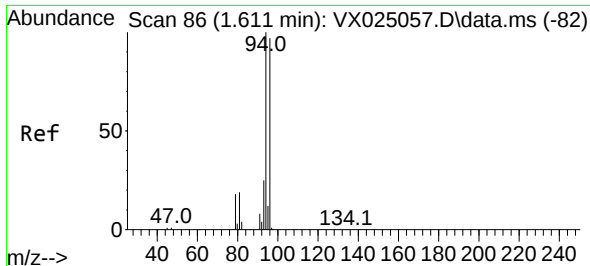
Reviewed By :John Carlone 11/08/2021
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#4
Vinyl Chloride
Concen: 28.849 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

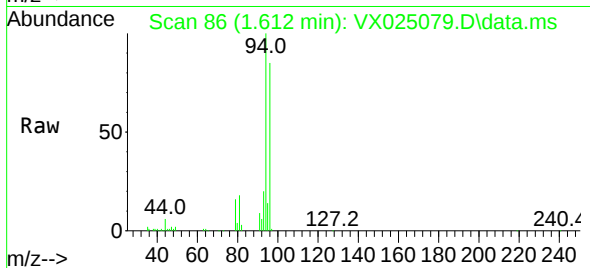
Tgt Ion: 62 Resp: 27482
Ion Ratio Lower Upper
62 100
64 35.3 25.0 37.4





#5
Bromomethane
Concen: 30.768 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

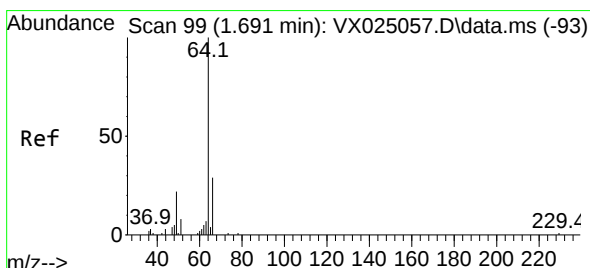
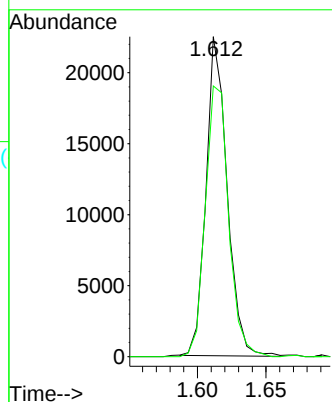
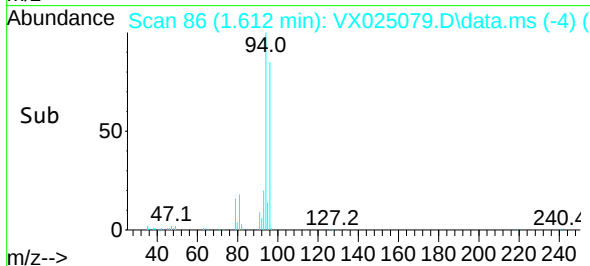
Instrument :
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ClientSampleId :
VSTDCCC020EC



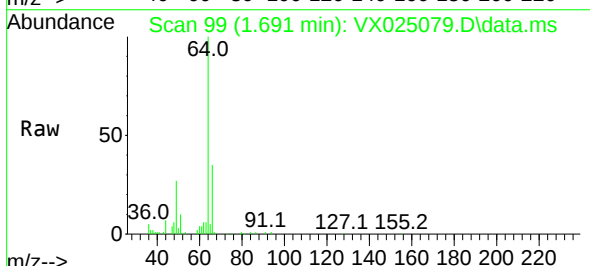
Tgt Ion: 94 Resp: 24064
Ion Ratio Lower Upper
94 100
96 84.9 72.8 109.2

Manual Integrations
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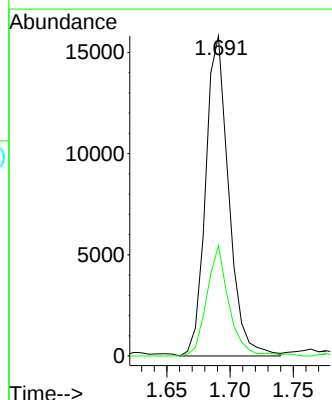
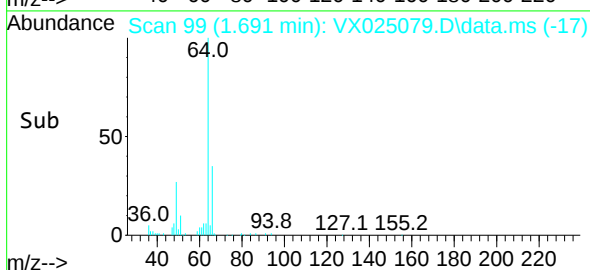
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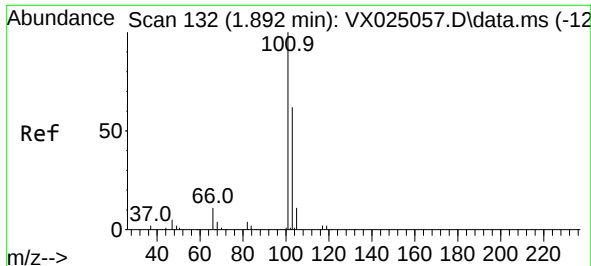


#6
Chloroethane
Concen: 37.489 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18



Tgt Ion: 64 Resp: 20136
Ion Ratio Lower Upper
64 100
66 34.6 26.8 40.2





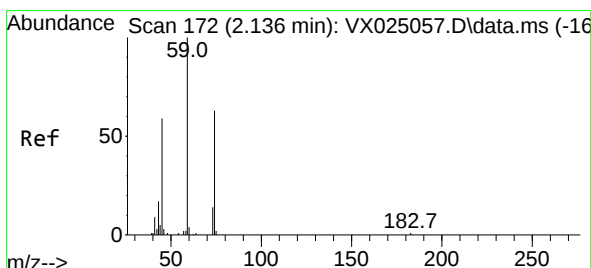
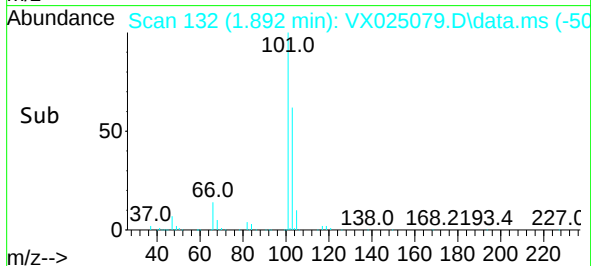
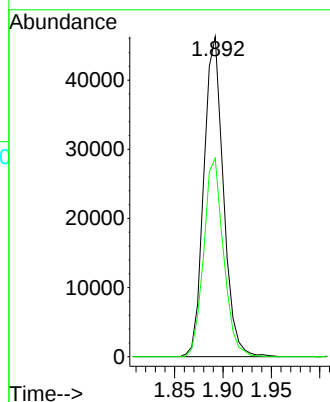
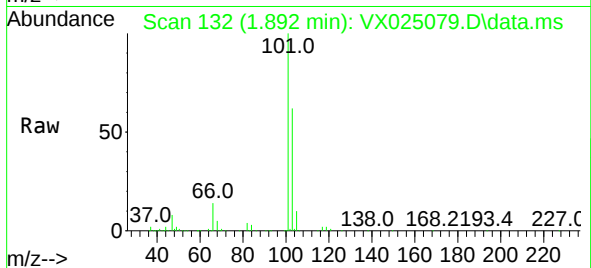
#7
Trichlorofluoromethane
Concen: 28.332 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025079.D
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Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 65138
Ion Ratio Lower Upper
101 100
103 62.0 55.0 82.6

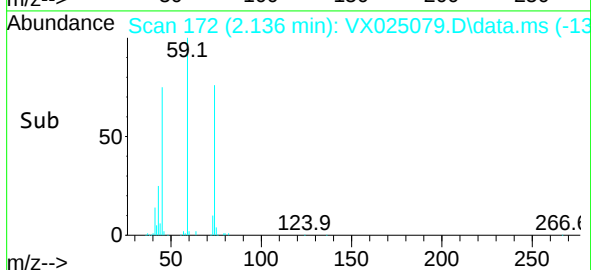
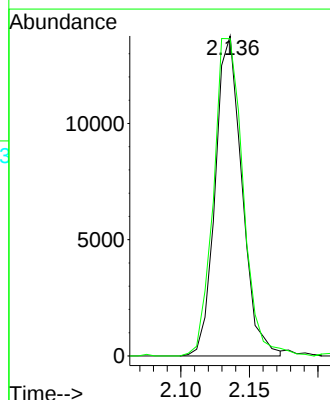
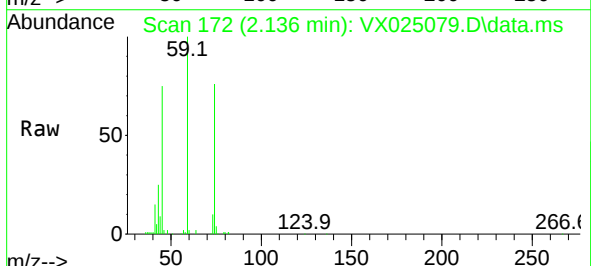
Manual Integrations
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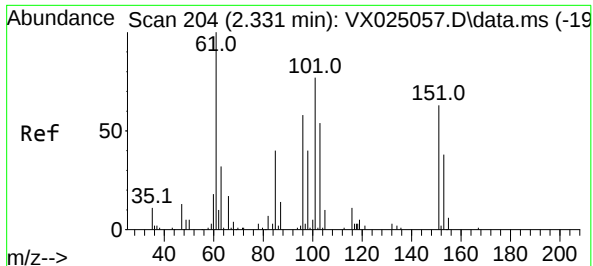
Reviewed By :John Carlone 11/08/2021
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#8
Diethyl Ether
Concen: 34.191 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX025079.D
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Tgt Ion: 74 Resp: 18628
Ion Ratio Lower Upper
74 100
45 110.3 19.9 179.1





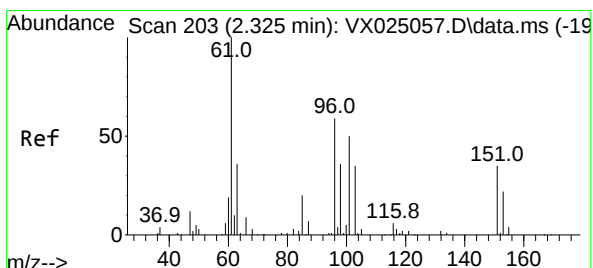
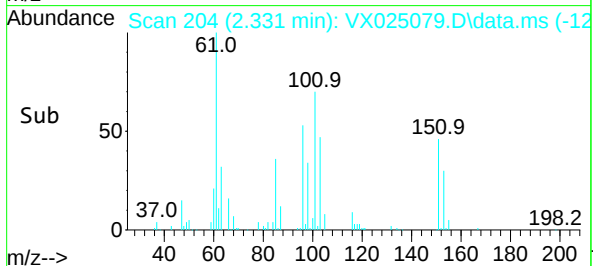
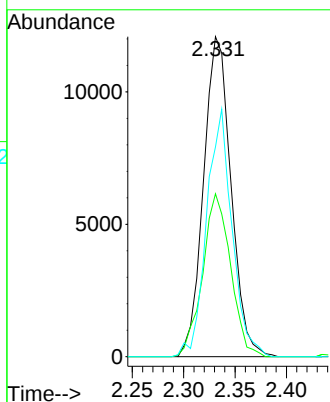
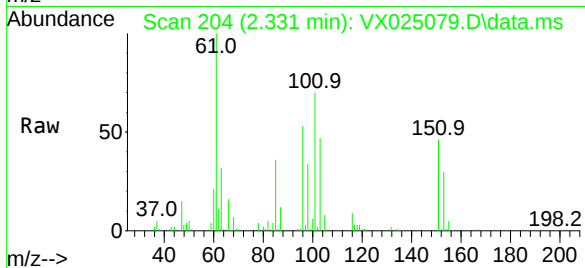
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.758 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX025079.D
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Tgt Ion:101 Resp: 2249
Ion Ratio Lower Upper
101 100
85 51.8 0.0 91.4
151 71.6 0.0 160.0

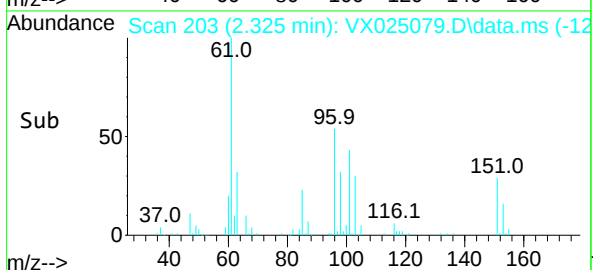
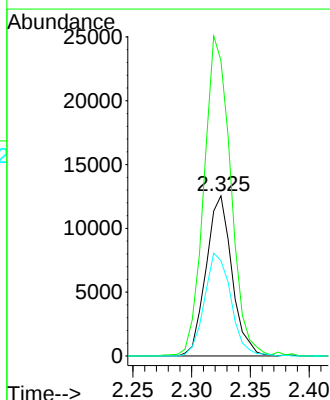
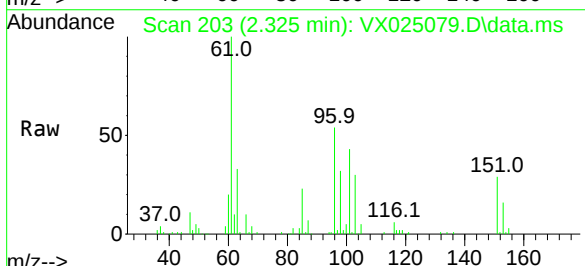
Manual Integrations
APPROVED

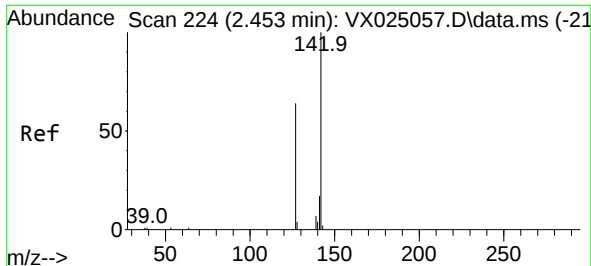
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#10
1,1-Dichloroethene
Concen: 18.906 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

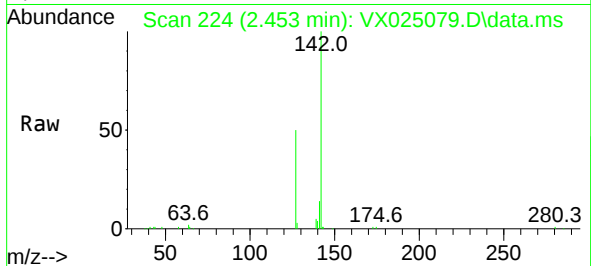
Tgt Ion: 96 Resp: 19226
Ion Ratio Lower Upper
96 100
61 183.5 140.3 210.5
98 59.4 52.8 79.2





#11
Methyl Iodide
Concen: 20.812 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

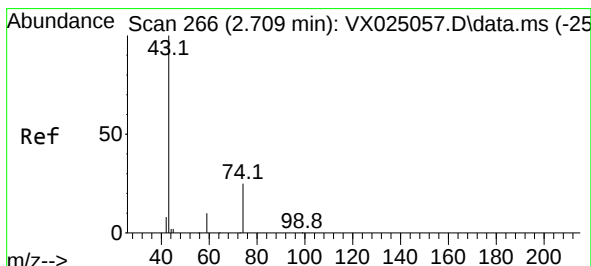
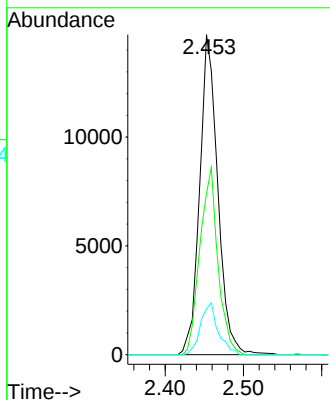
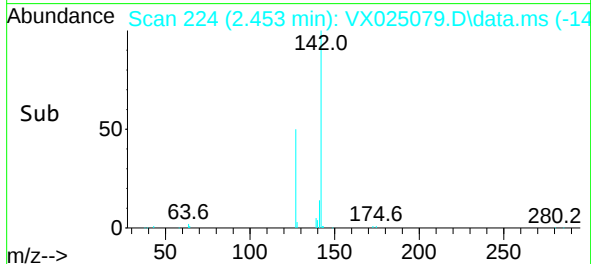
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 2366
Ion Ratio Lower Upper
142 100
127 50.4 23.6 71.0
141 14.3 7.1 21.3

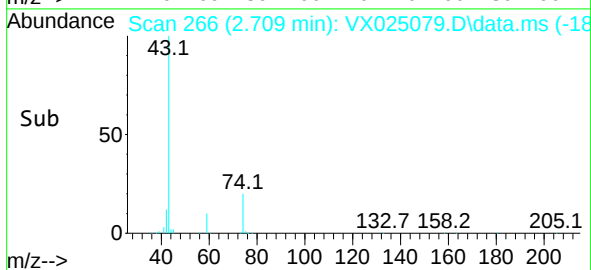
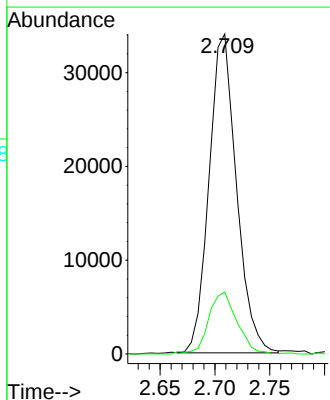
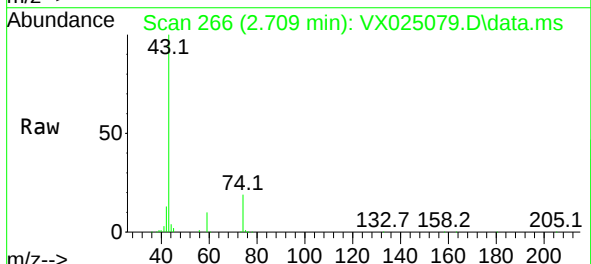
Manual Integrations
APPROVED

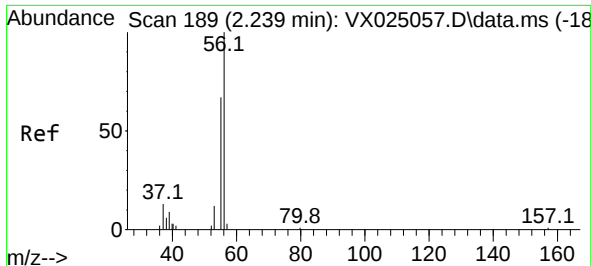
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#12
Methyl Acetate
Concen: 27.683 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

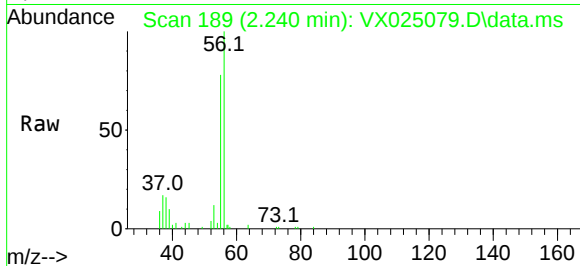
Tgt Ion: 43 Resp: 59150
Ion Ratio Lower Upper
43 100
74 19.0 18.2 27.2





#13
Acrolein
Concen: 121.455 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

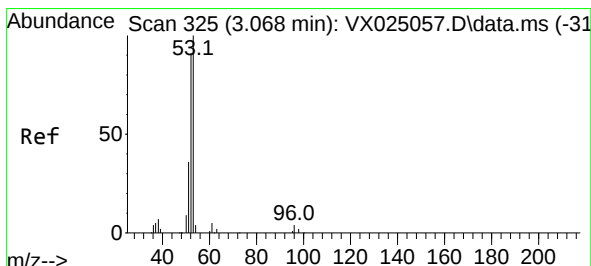
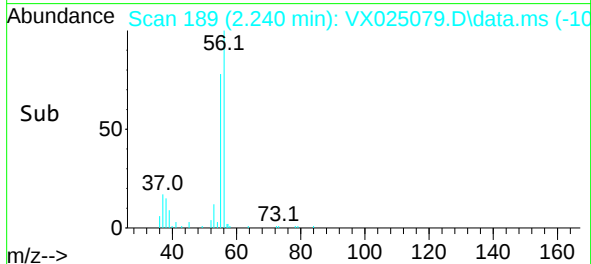
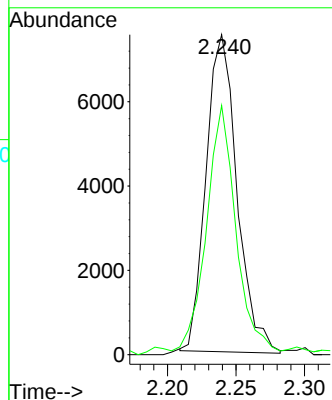
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 56 Resp: 11820
Ion Ratio Lower Upper
56 100
55 75.9 59.5 89.3

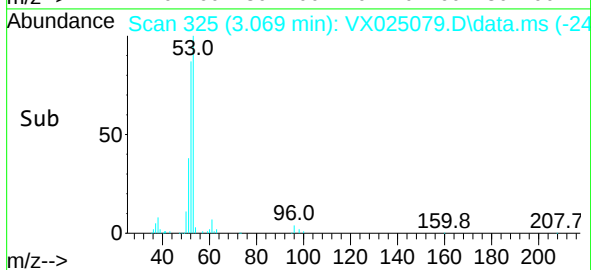
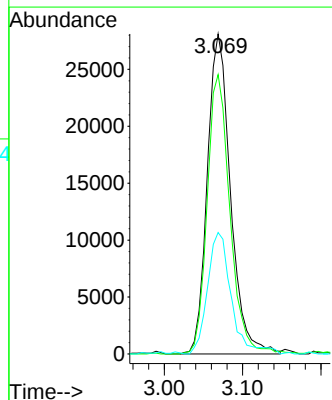
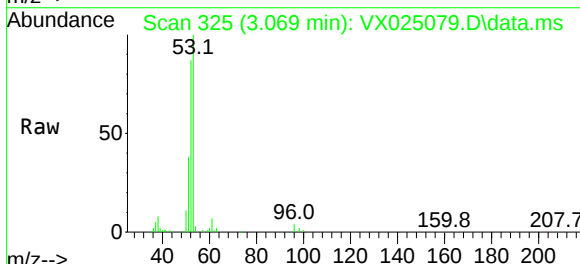
Manual Integrations
APPROVED

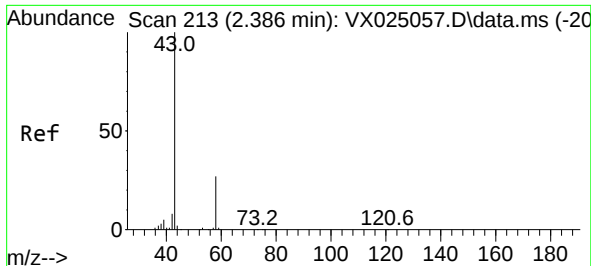
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#14
Acrylonitrile
Concen: 96.080 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

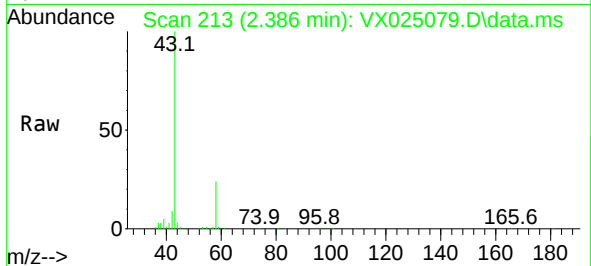
Tgt Ion: 53 Resp: 57823
Ion Ratio Lower Upper
53 100
52 84.7 40.4 121.2
51 38.7 18.1 54.1





#15
Acetone
Concen: 94.877 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

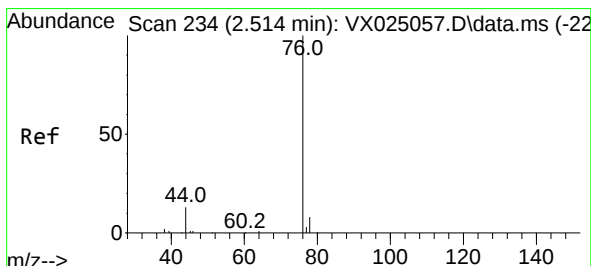
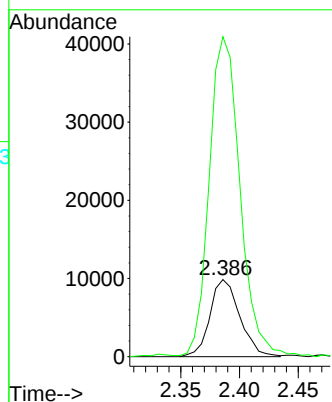
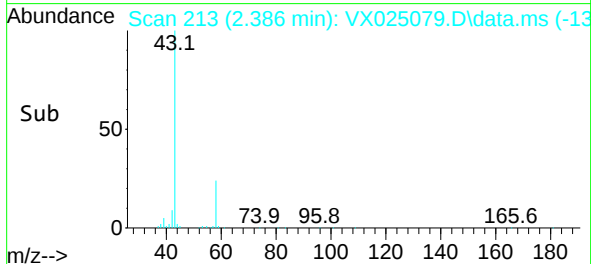
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 58 Resp: 17440
Ion Ratio Lower Upper
58 100
43 413.3 266.6 400.0

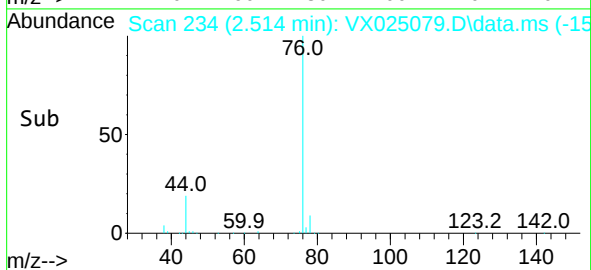
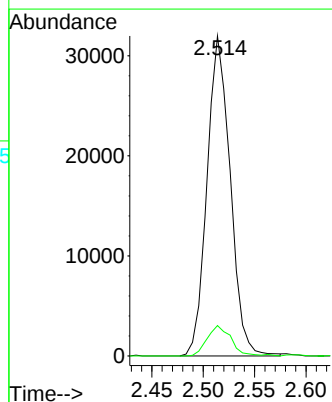
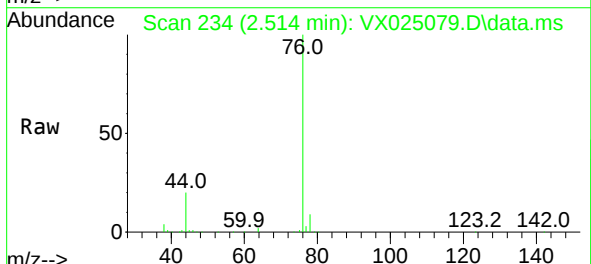
Manual Integrations
APPROVED

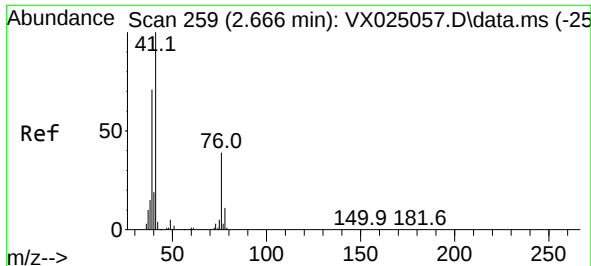
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#16
Carbon Disulfide
Concen: 19.378 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

Tgt Ion: 76 Resp: 50302
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9





#17

Allyl chloride

Concen: 30.231 ug/l

RT: 2.666 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX025079.D

Acq: 04 Nov 2021 19:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

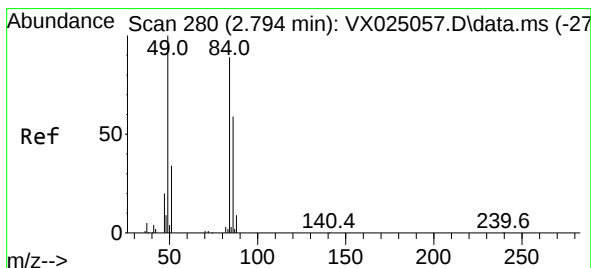
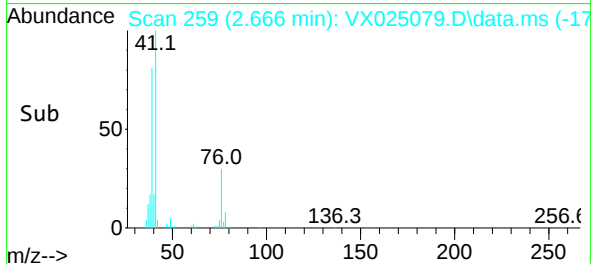
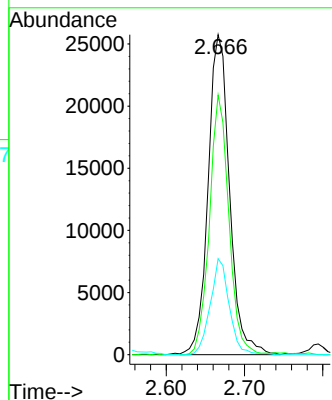
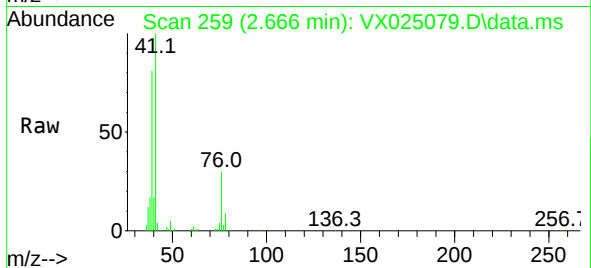
Tgt Ion: 41	Resp: 4904
Ion Ratio	Lower Upper
41	100
39	81.1 36.4 109.3
76	30.0 16.6 49.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#18

Methylene Chloride

Concen: 22.702 ug/l

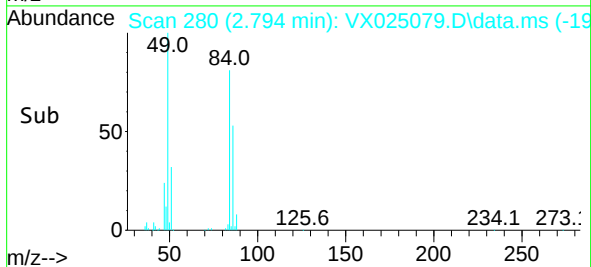
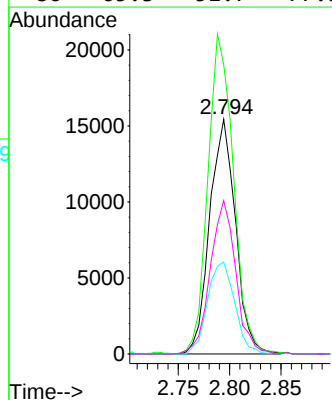
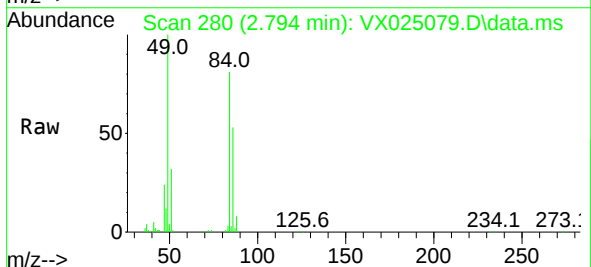
RT: 2.794 min Scan# 280

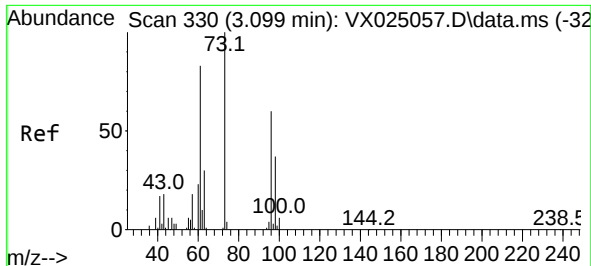
Delta R.T. 0.000 min

Lab File: VX025079.D

Acq: 04 Nov 2021 19:18

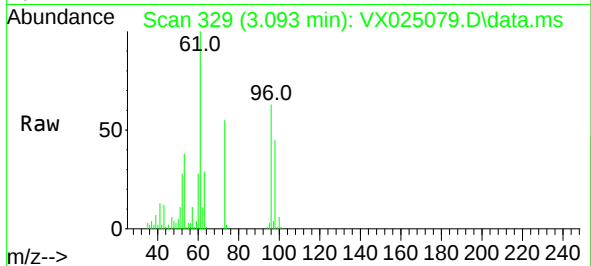
Tgt Ion: 84	Resp: 27023
Ion Ratio	Lower Upper
84	100
49	122.9 104.3 156.5
51	39.2 30.3 45.5
86	65.3 51.7 77.5





#19
trans-1,2-Dichloroethene
Concen: 19.956 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

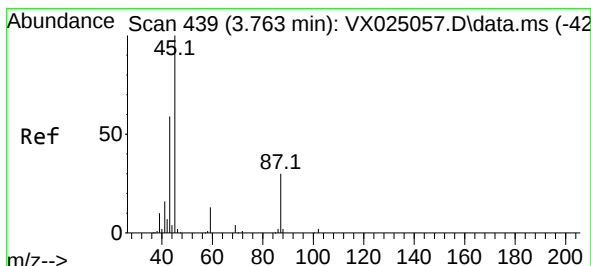
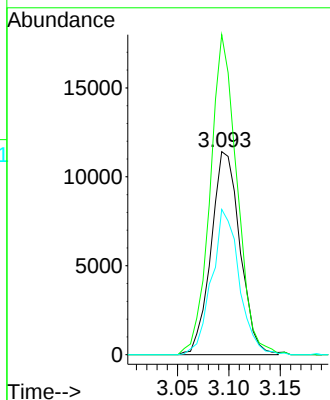
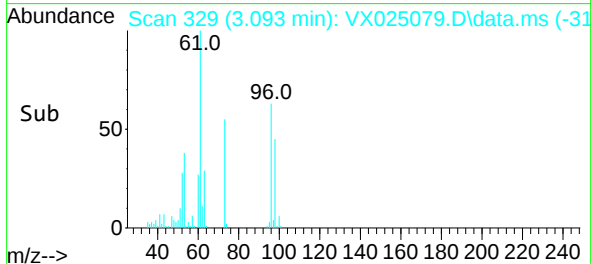
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 22310
Ion Ratio Lower Upper
96 100
61 157.6 109.2 163.8
98 71.5 50.8 76.2

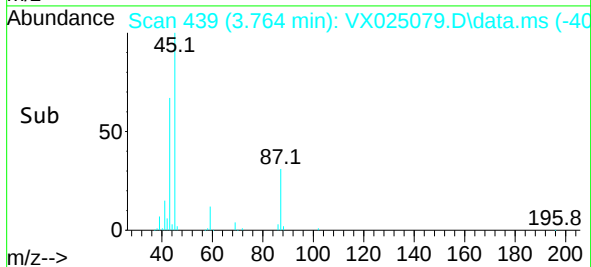
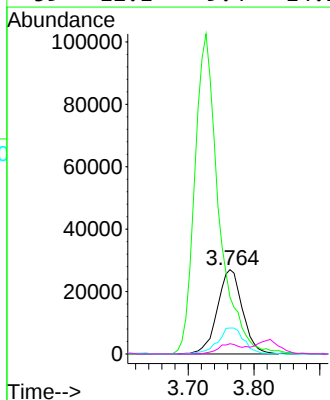
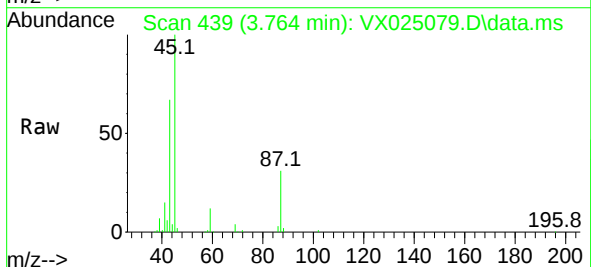
Manual Integrations
APPROVED

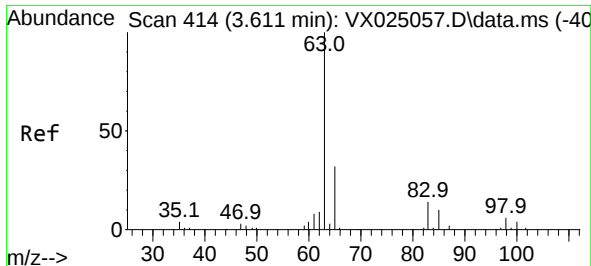
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#20
Diisopropyl ether
Concen: 20.475 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

Tgt Ion: 45 Resp: 71857
Ion Ratio Lower Upper
45 100
43 62.9 63.8 95.6#
87 30.7 21.8 32.6
59 12.1 9.4 14.2





#21

1,1-Dichloroethane

Concen: 19.589 ug/l

RT: 3.617 min Scan# 414

Delta R.T. 0.006 min

Lab File: VX025079.D

Acq: 04 Nov 2021 19:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

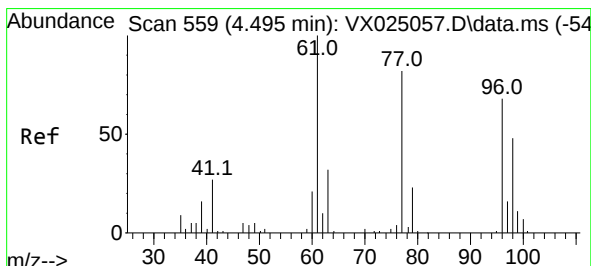
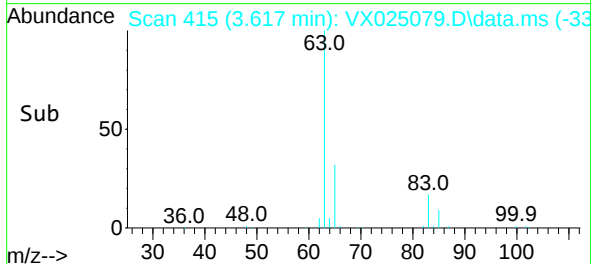
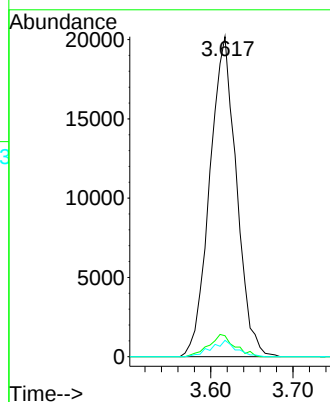
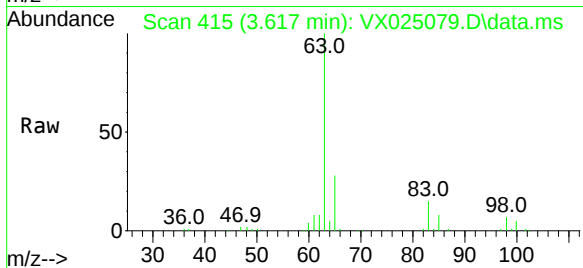
Tgt Ion: 63 Resp: 45620
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.1
 100 5.1 2.1 6.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#22

cis-1,2-Dichloroethene

Concen: 20.271 ug/l

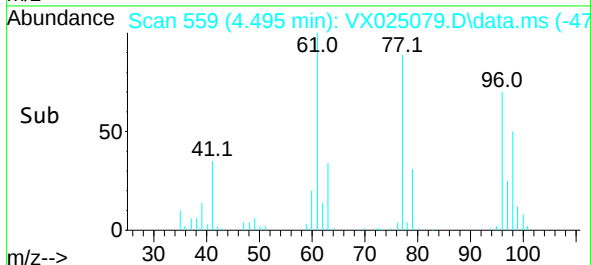
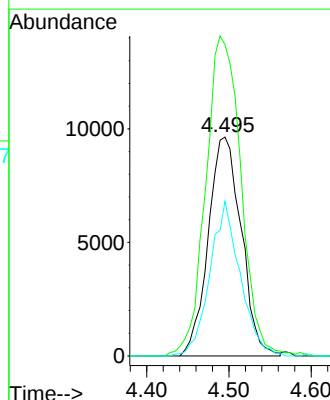
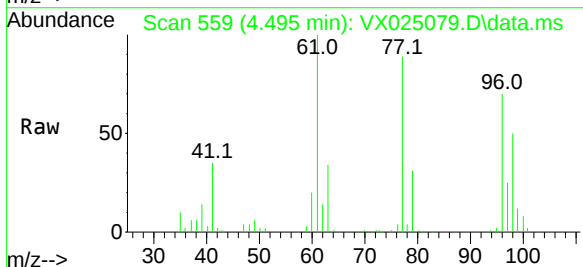
RT: 4.495 min Scan# 559

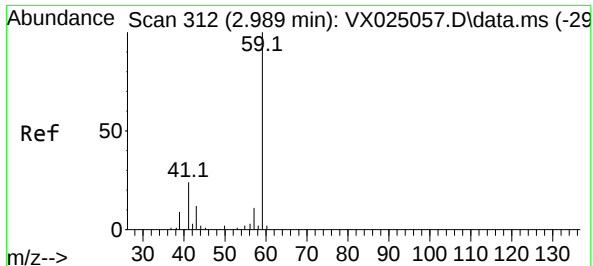
Delta R.T. 0.000 min

Lab File: VX025079.D

Acq: 04 Nov 2021 19:18

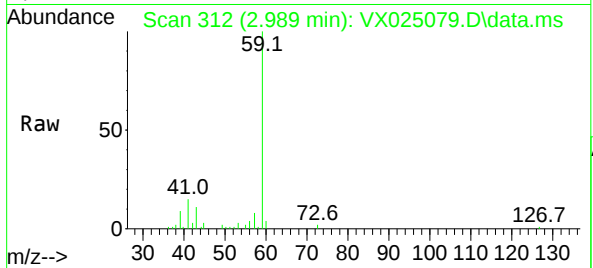
Tgt Ion: 96 Resp: 26891
 Ion Ratio Lower Upper
 96 100
 61 155.6 114.5 171.7
 98 65.0 51.3 76.9





#23
tert-Butyl Alcohol
Concen: 86.081 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

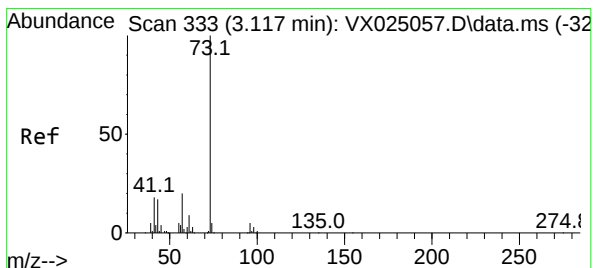
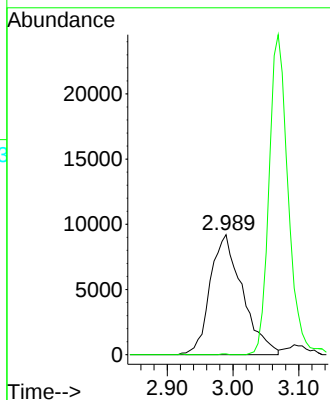
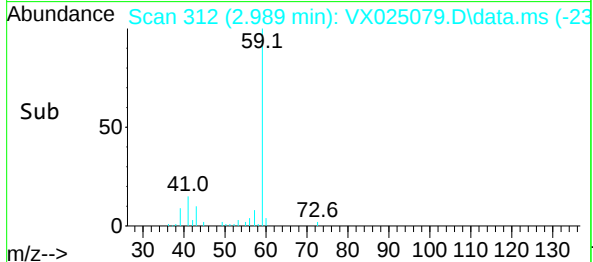
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



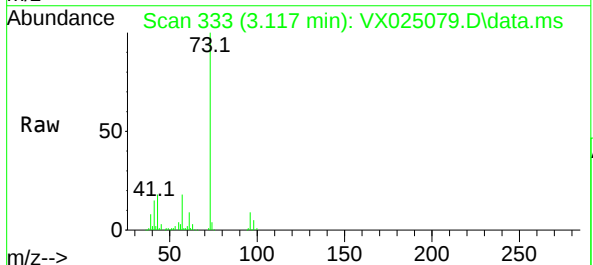
Tgt Ion: 59 Resp: 31504
Ion Ratio Lower Upper
59 100
52 0.1 0.1 0.1

Manual Integrations
APPROVED

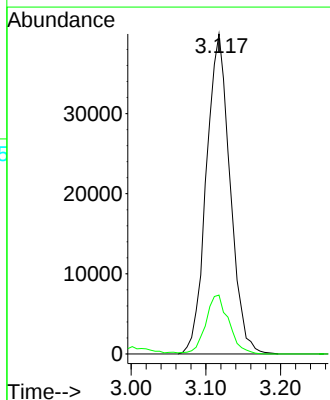
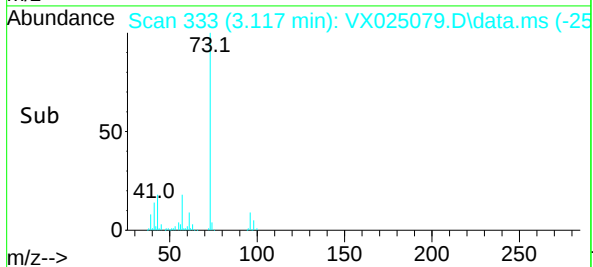
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

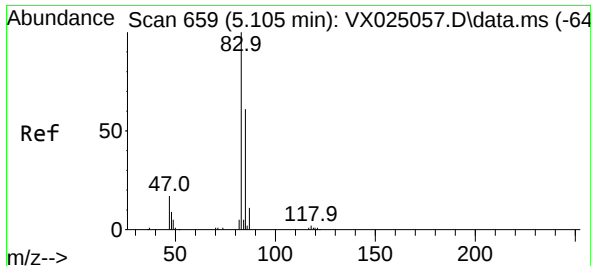


#24
Methyl tert-Butyl Ether
Concen: 20.543 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18



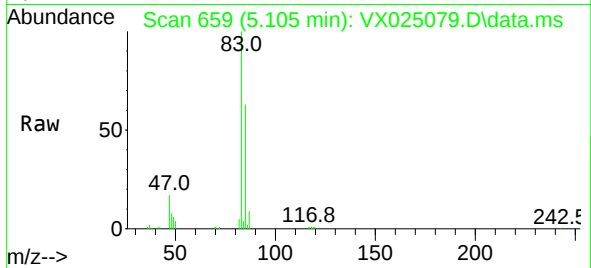
Tgt Ion: 73 Resp: 88300
Ion Ratio Lower Upper
73 100
43 18.0 17.9 26.9





#25
Chloroform
Concen: 19.990 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

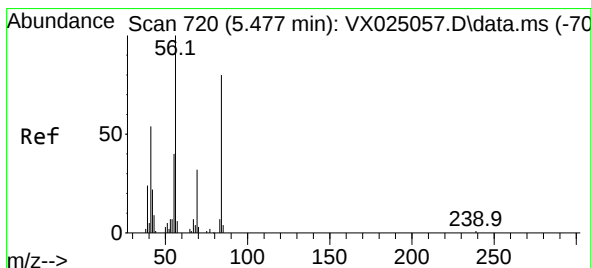
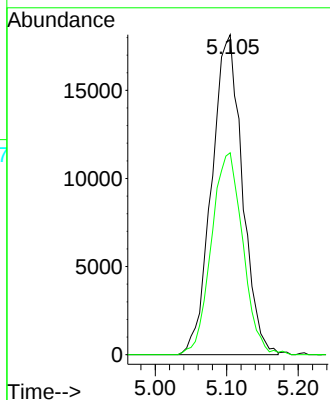
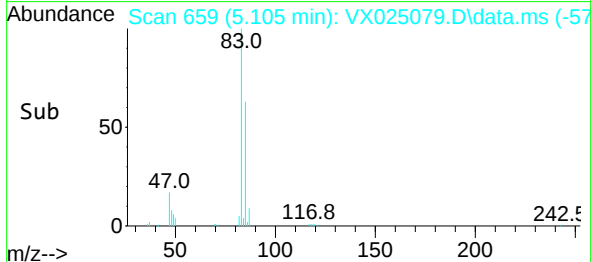
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 53979
Ion Ratio Lower Upper
83 100
85 63.1 51.8 77.8

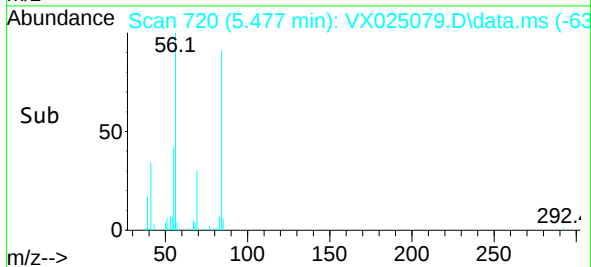
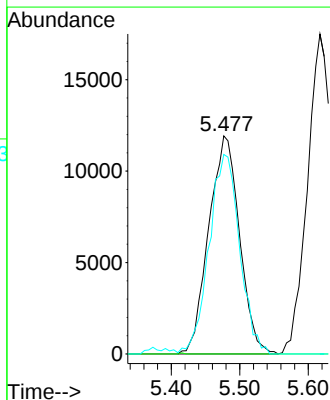
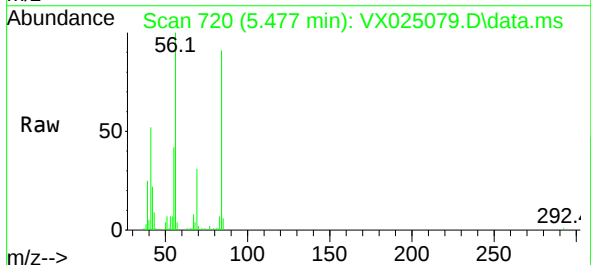
Manual Integrations
APPROVED

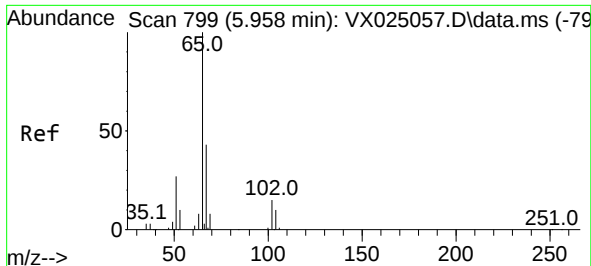
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#26
Cyclohexane
Concen: 20.009 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

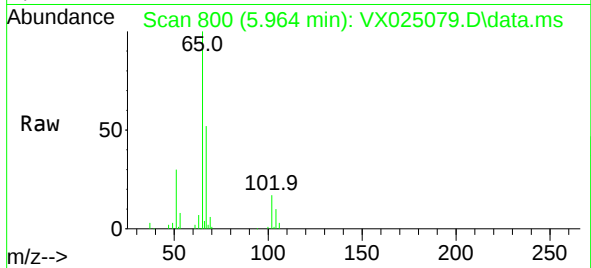
Tgt Ion: 56 Resp: 37174
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 90.8 69.0 103.6





#27
1,2-Dichloroethane-d4
Concen: 28.311 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

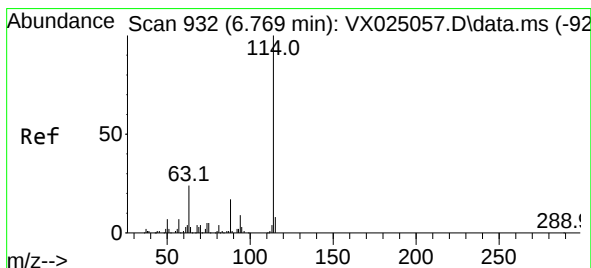
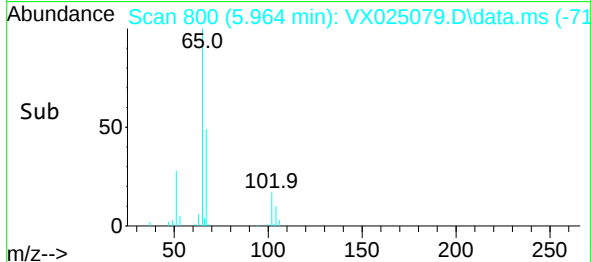
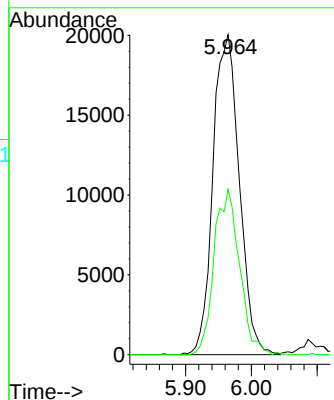
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 65 Resp: 55790
Ion Ratio Lower Upper
65 100
67 48.5 42.4 63.6

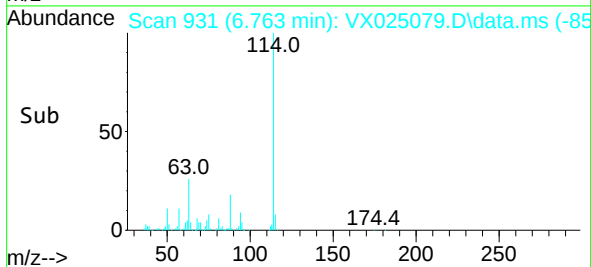
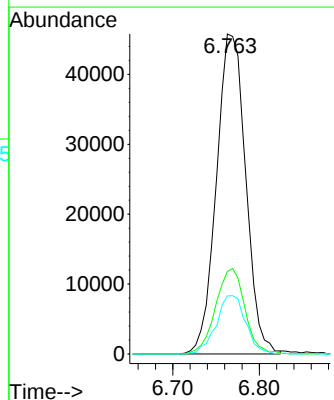
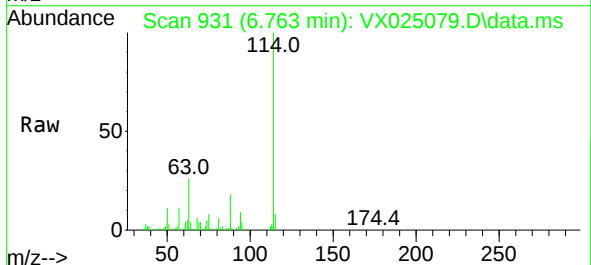
Manual Integrations
APPROVED

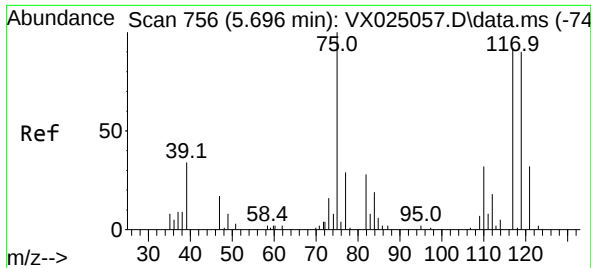
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

Tgt Ion:114 Resp: 107569
Ion Ratio Lower Upper
114 100
63 26.6 16.4 24.6#
88 18.3 12.7 19.1





#29

1,1-Dichloropropene

Concen: 20.618 ug/l

RT: 5.702 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX025079.D

Acq: 04 Nov 2021 19:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

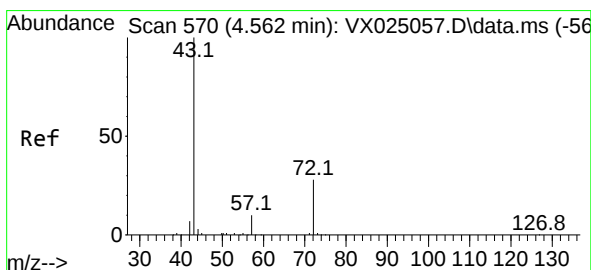
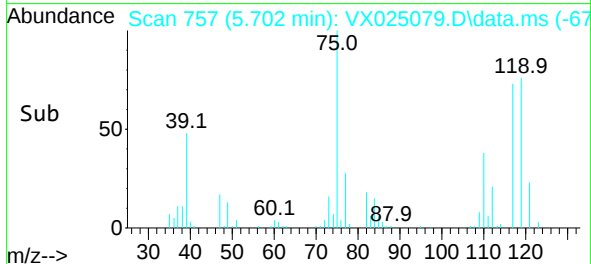
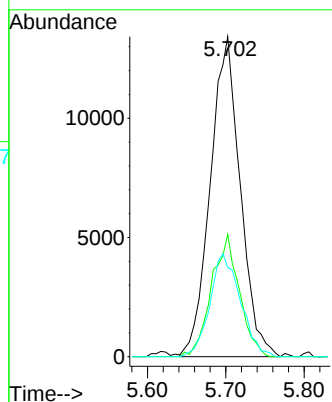
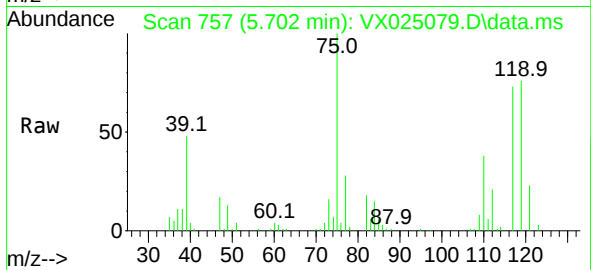
Tgt Ion: 75	Resp: 3566
Ion Ratio	Lower Upper
75 100	
110 35.4	0.0 72.0
77 32.7	0.0 61.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#30

2-Butanone

Concen: 97.870 ug/l

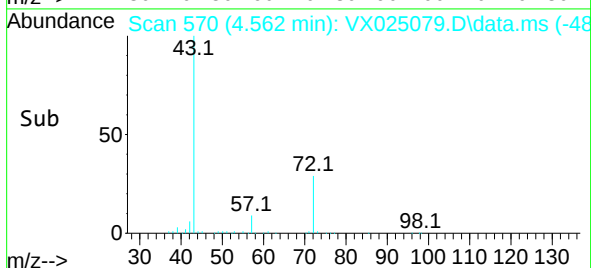
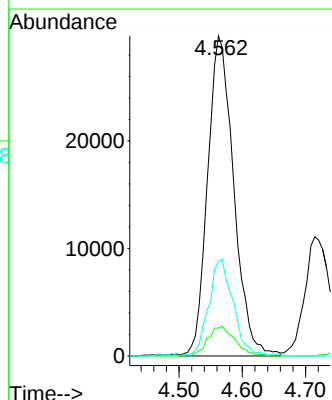
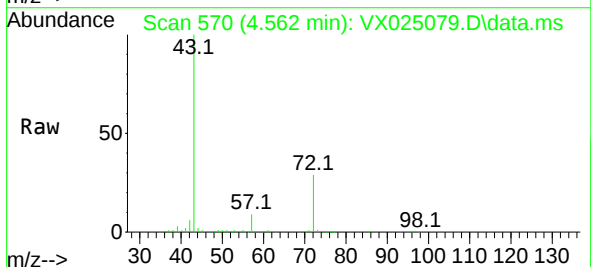
RT: 4.562 min Scan# 570

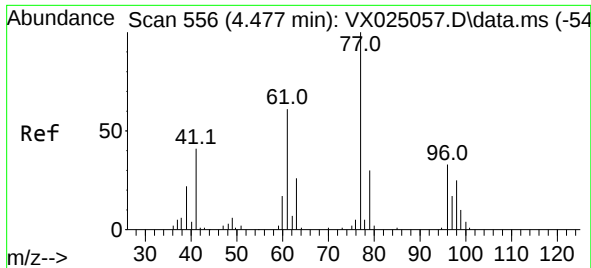
Delta R.T. 0.000 min

Lab File: VX025079.D

Acq: 04 Nov 2021 19:18

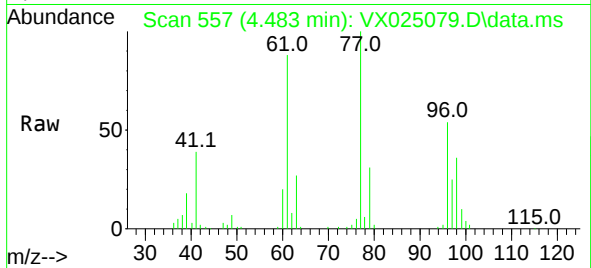
Tgt Ion: 43	Resp: 85383
Ion Ratio	Lower Upper
43 100	
57 9.4	6.6 9.8
72 28.2	21.0 31.4





#31
2,2-Dichloropropane
Concen: 20.111 ug/l
RT: 4.483 min Scan# 511
Delta R.T. 0.006 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

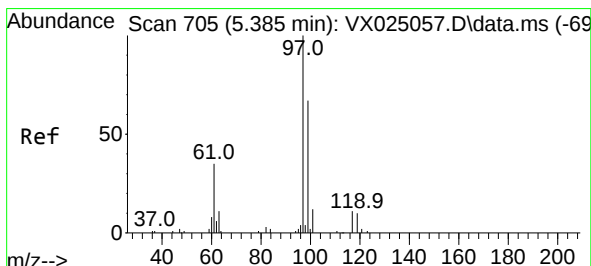
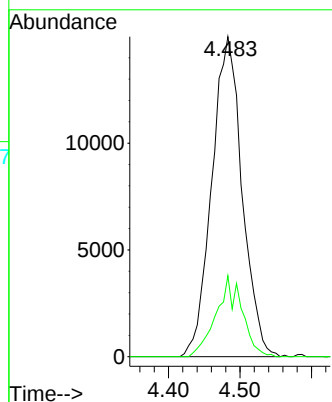
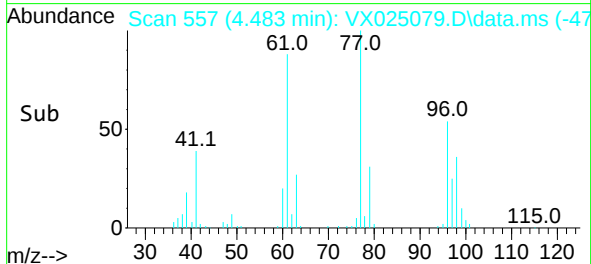
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 77 Resp: 4418
Ion Ratio Lower Upper
77 100
97 13.5 19.8 29.8

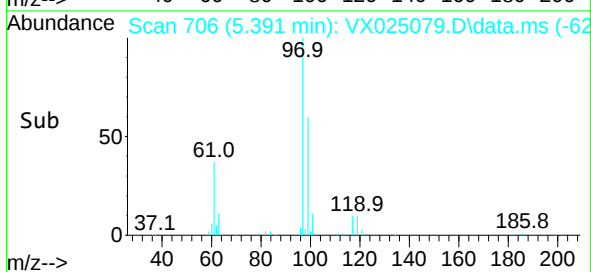
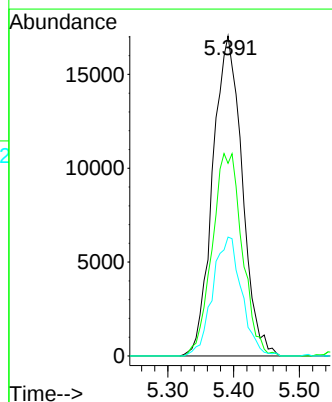
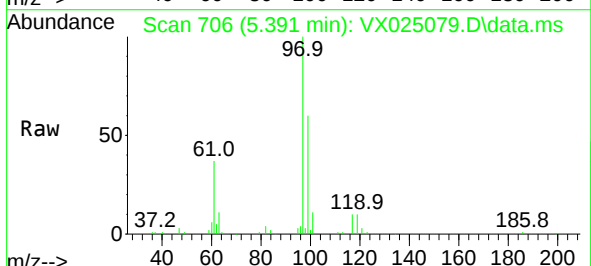
Manual Integrations
APPROVED

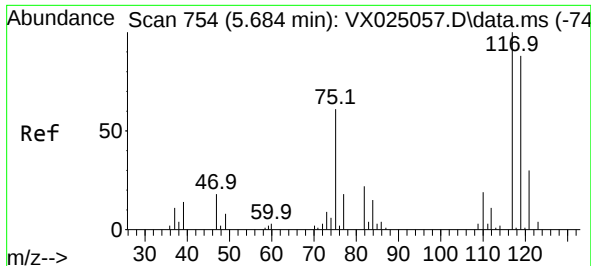
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#32
1,1,1-Trichloroethane
Concen: 21.290 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

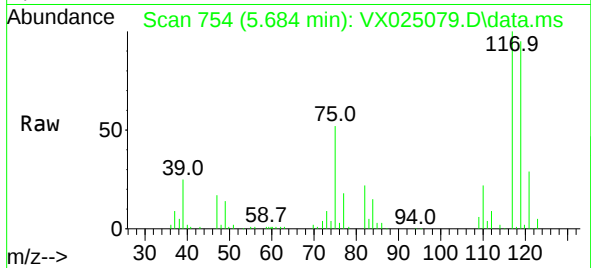
Tgt Ion: 97 Resp: 52974
Ion Ratio Lower Upper
97 100
99 37.3 50.4 75.6#
61 36.5 36.4 54.6





#33
Carbon Tetrachloride
Concen: 21.363 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

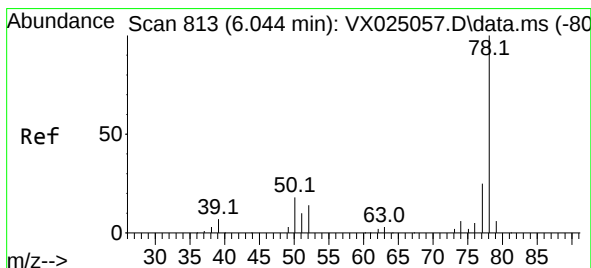
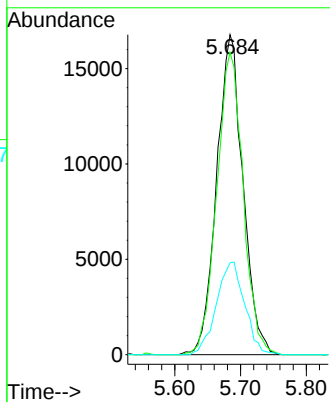
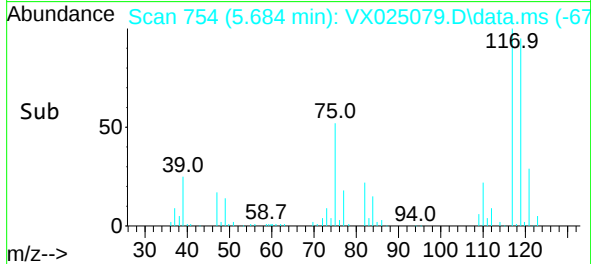
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



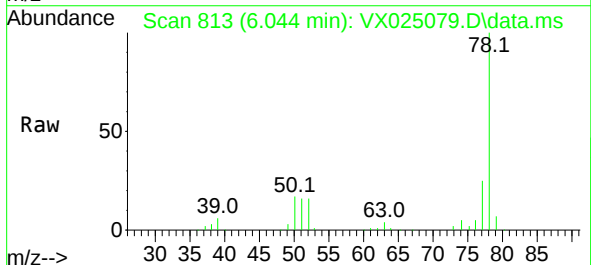
Tgt Ion: 117 Resp: 46648
Ion Ratio Lower Upper
117 100
119 94.5 75.4 113.2
121 28.7 24.1 36.1

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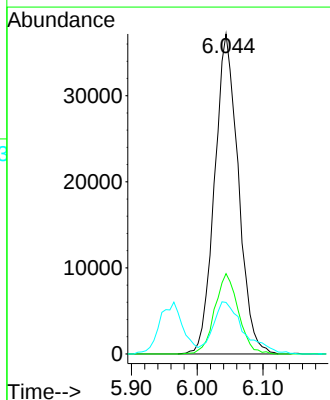
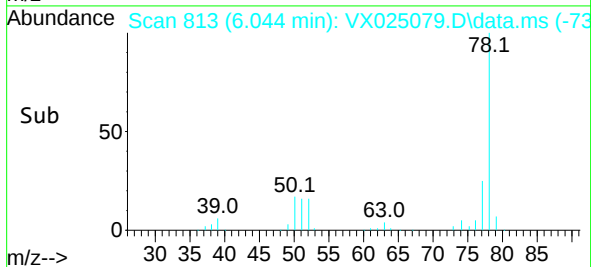
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

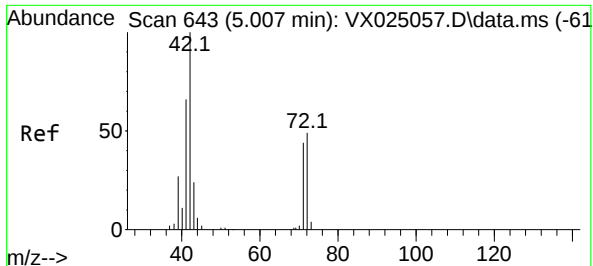


#34
Benzene
Concen: 21.130 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18



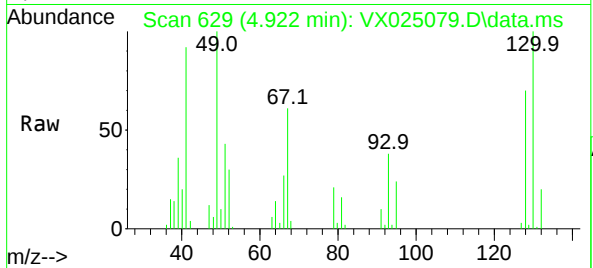
Tgt Ion: 78 Resp: 93220
Ion Ratio Lower Upper
78 100
77 25.1 19.3 28.9
51 15.5 12.2 18.4





#35
Methacrylonitrile
Concen: 20.587 ug/l m
RT: 4.922 min Scan# 61
Delta R.T. -0.085 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

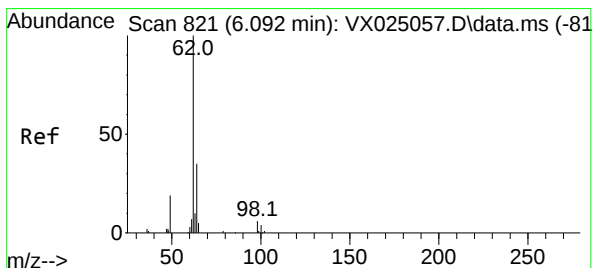
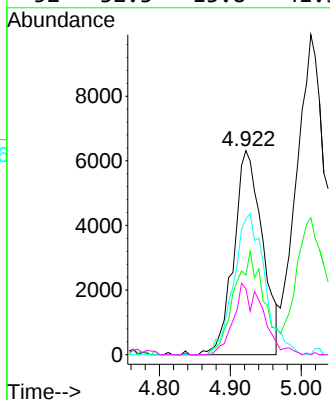
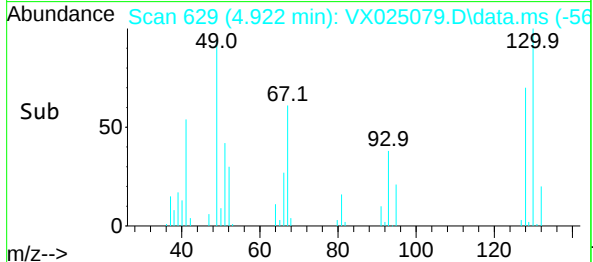
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41	Resp: 1771
Ion Ratio	Lower Upper
41 100	
39 39.0	27.4 82.2
67 66.4	34.6 103.9
52 32.3	13.8 41.3

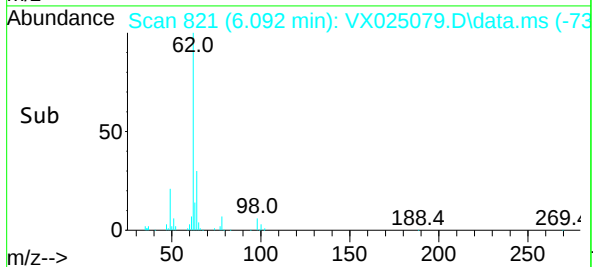
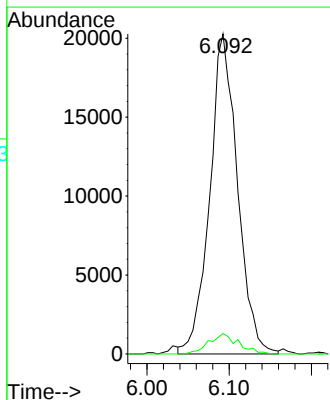
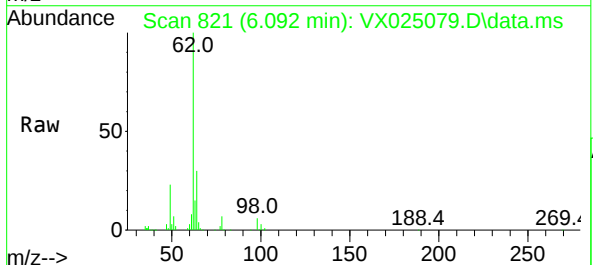
Manual Integrations
APPROVED

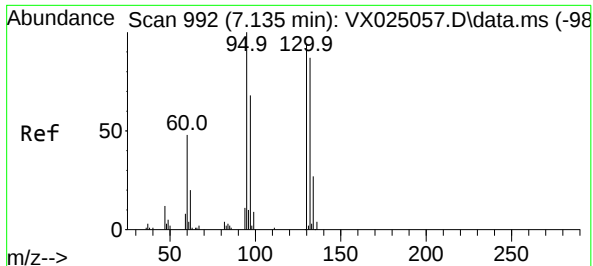
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#36
1,2-Dichloroethane
Concen: 22.209 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

Tgt Ion: 62	Resp: 47475
Ion Ratio	Lower Upper
62 100	
98 6.3	7.0 10.4





#37

Trichloroethene

Concen: 15.864 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX025079.D

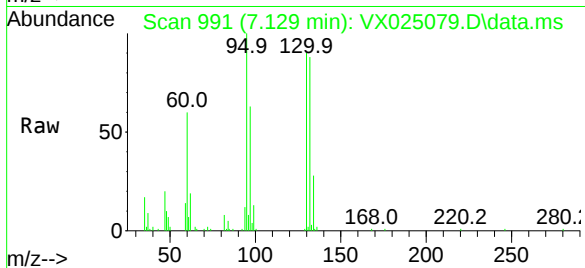
Acq: 04 Nov 2021 19:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



Tgt Ion:130 Resp: 1956

Ion Ratio Lower Upper

130 100

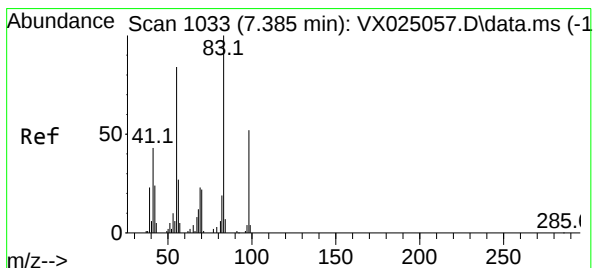
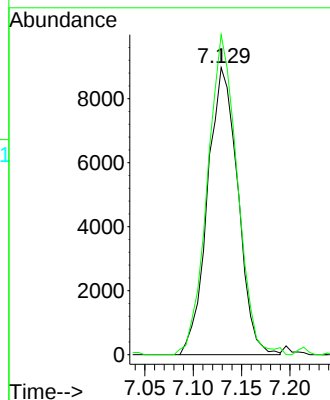
95 109.6 77.0 115.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#38

Methylcyclohexane

Concen: 16.028 ug/l

RT: 7.391 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VX025079.D

Acq: 04 Nov 2021 19:18

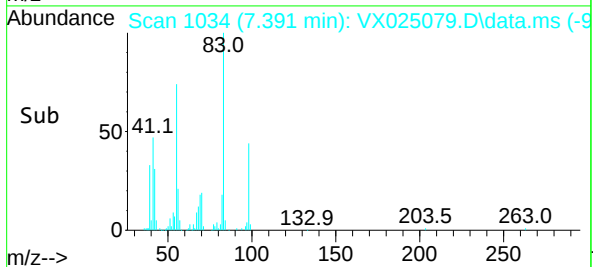
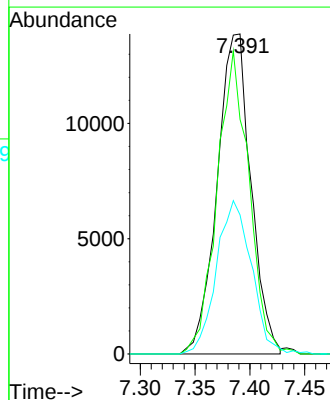
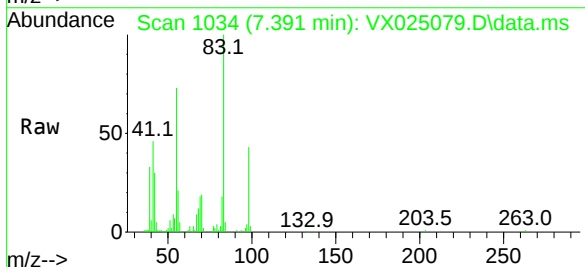
Tgt Ion: 83 Resp: 29772

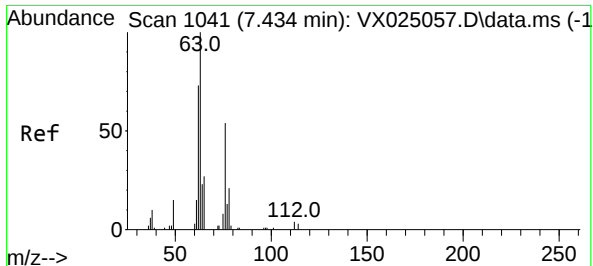
Ion Ratio Lower Upper

83 100

55 89.0 37.8 113.4

98 49.4 23.4 70.3





#39

1,2-Dichloropropane

Concen: 17.578 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX025079.D

Acq: 04 Nov 2021 19:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 2116

Ion Ratio Lower Upper

63 100

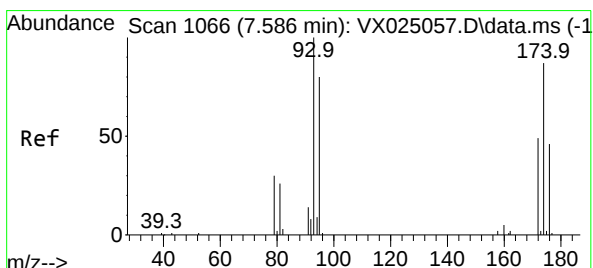
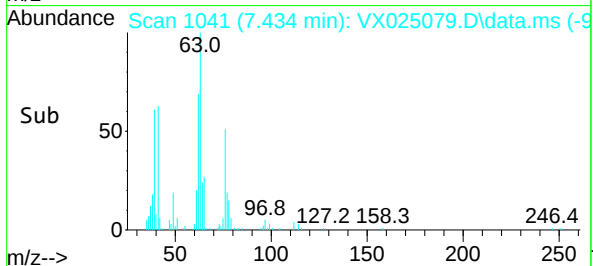
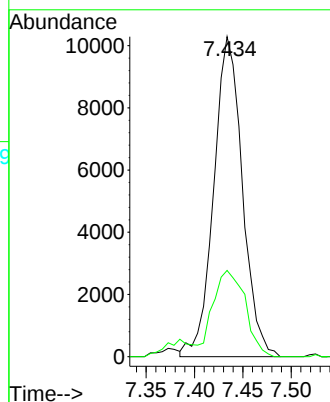
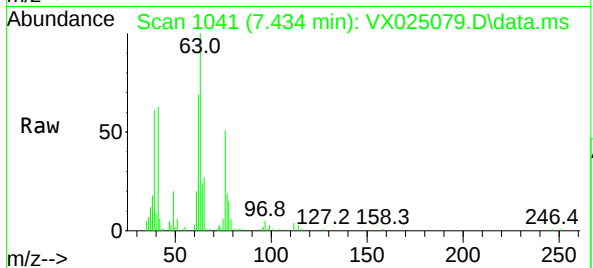
65 26.9 23.4 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#40

Dibromomethane

Concen: 16.456 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX025079.D

Acq: 04 Nov 2021 19:18

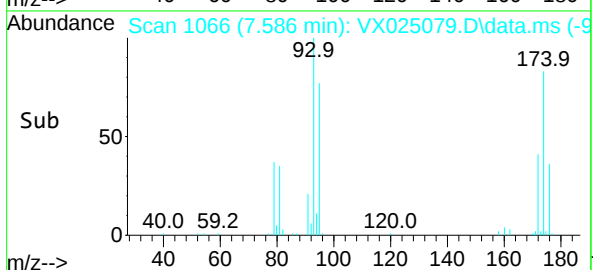
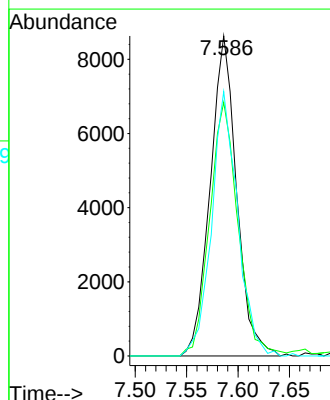
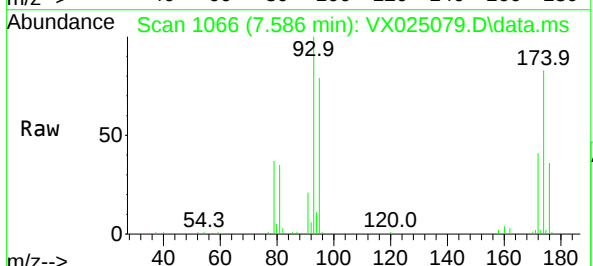
Tgt Ion: 93 Resp: 15435

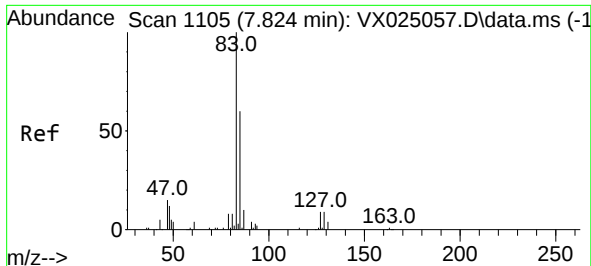
Ion Ratio Lower Upper

93 100

95 84.8 0.0 168.4

174 81.4 0.0 206.6





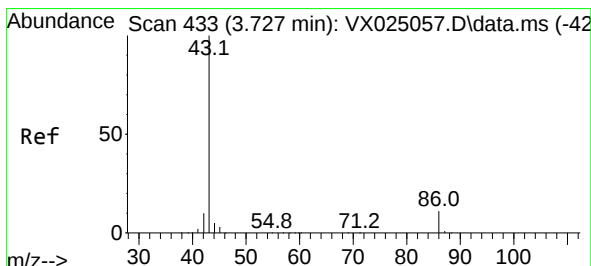
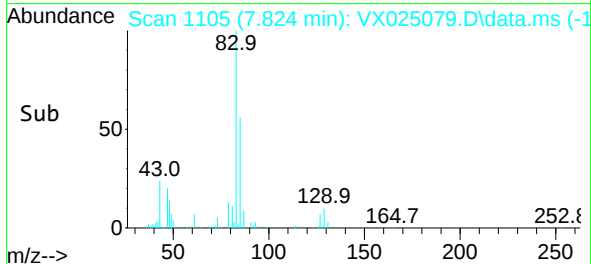
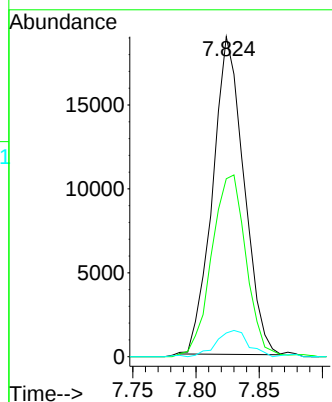
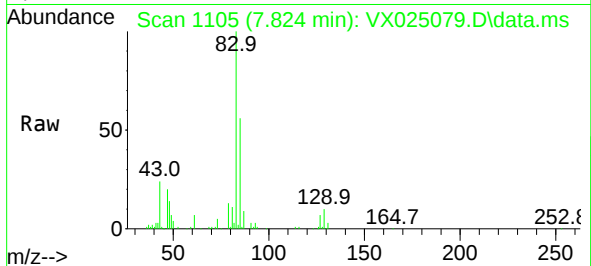
#41
Bromodichloromethane
Concen: 16.349 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 3255
Ion Ratio Lower Upper
83 100
85 55.4 51.7 77.5
127 7.1 7.4 11.0

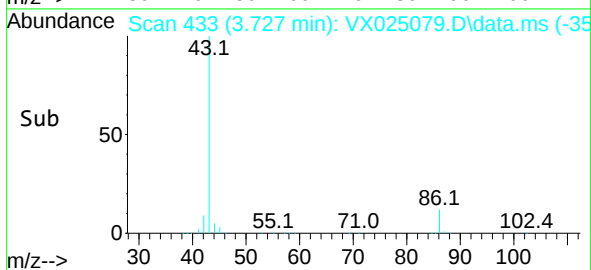
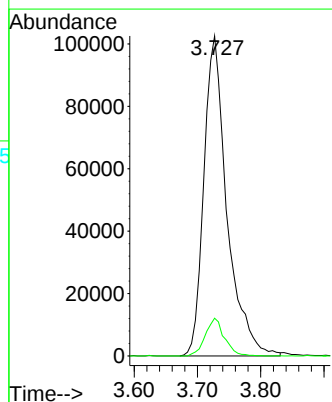
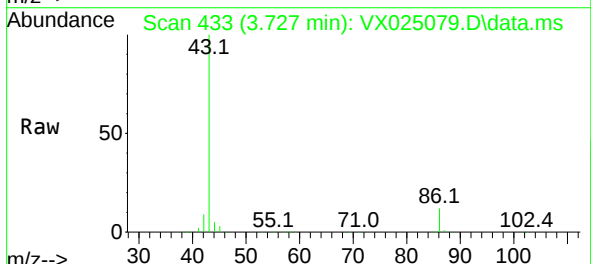
Manual Integrations
APPROVED

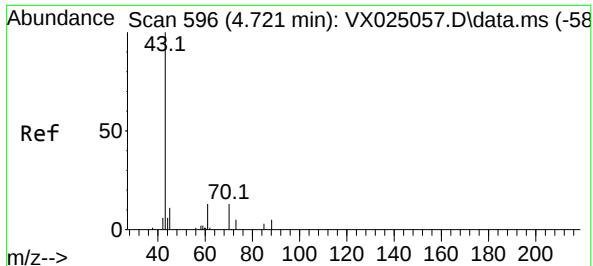
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#42
Vinyl Acetate
Concen: 99.855 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

Tgt Ion: 43 Resp: 260643
Ion Ratio Lower Upper
43 100
86 9.8 7.2 10.8





#43

Ethyl Acetate

Concen: 19.244 ug/l

RT: 4.715 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX025079.D

Acq: 04 Nov 2021 19:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 32180

Ion Ratio Lower Upper

43 100

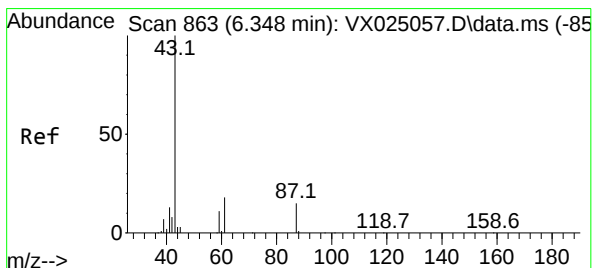
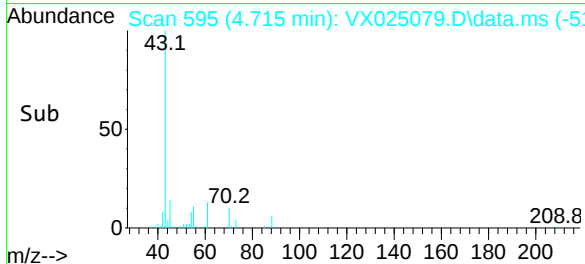
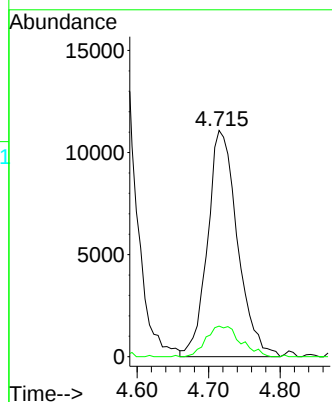
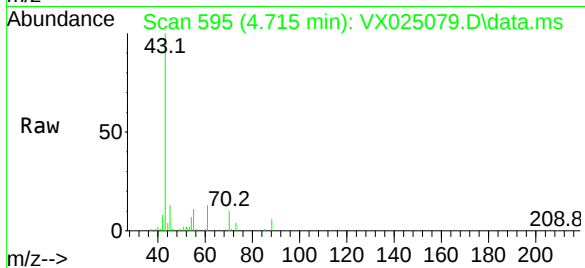
45 8.4 12.1 18.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#44

Isopropyl Acetate

Concen: 30.229 ug/l

RT: 6.349 min Scan# 863

Delta R.T. 0.000 min

Lab File: VX025079.D

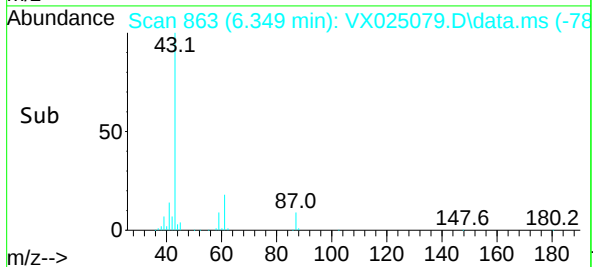
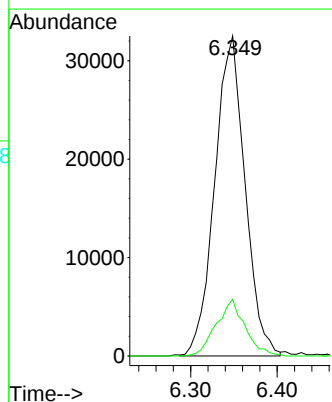
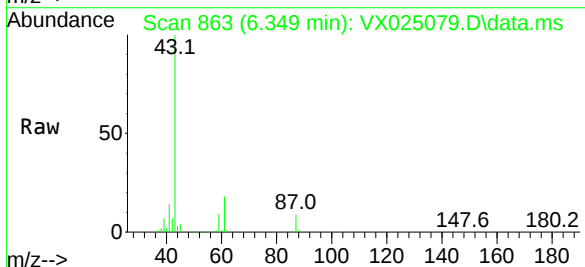
Acq: 04 Nov 2021 19:18

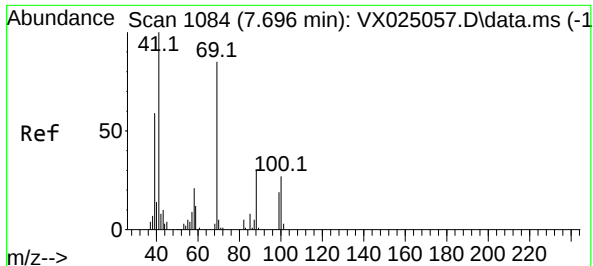
Tgt Ion: 43 Resp: 79065

Ion Ratio Lower Upper

43 100

61 16.8 15.4 23.2





#45

1,4-Dioxane

Concen: 330.802 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. -0.012 min

Lab File: VX025079.D

Acq: 04 Nov 2021 19:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 88 Resp: 918

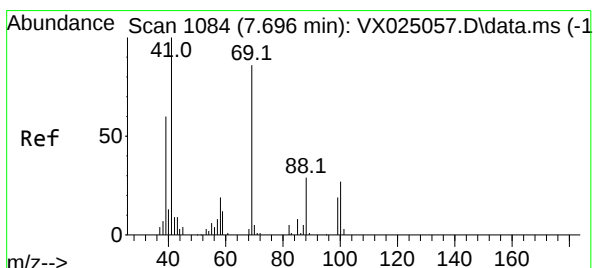
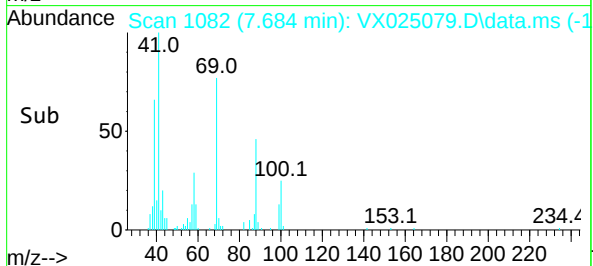
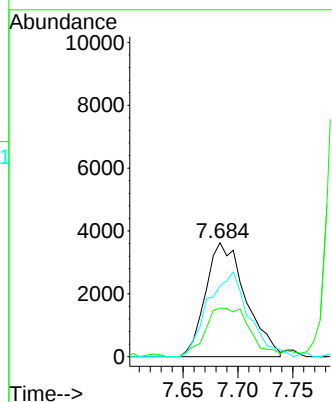
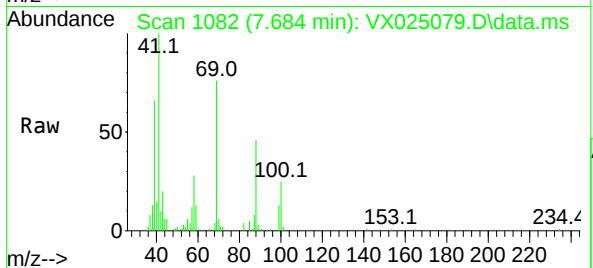
Ion	Ratio	Lower	Upper
88	100		
43	31.1	25.3	37.9
58	75.4	53.1	79.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#46

Methyl methacrylate

Concen: 21.483 ug/l

RT: 7.696 min Scan# 1084

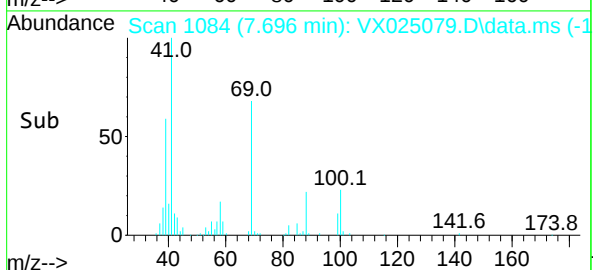
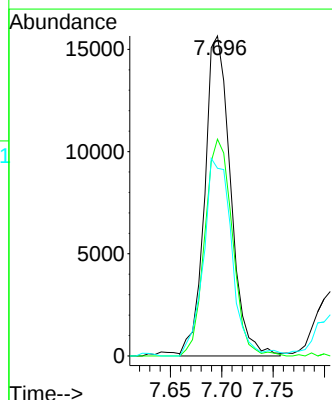
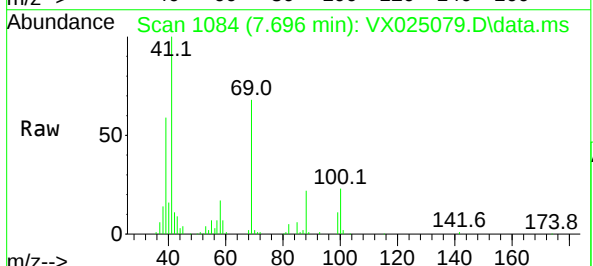
Delta R.T. 0.000 min

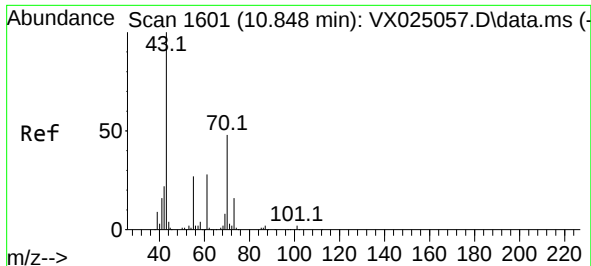
Lab File: VX025079.D

Acq: 04 Nov 2021 19:18

Tgt Ion: 41 Resp: 27471

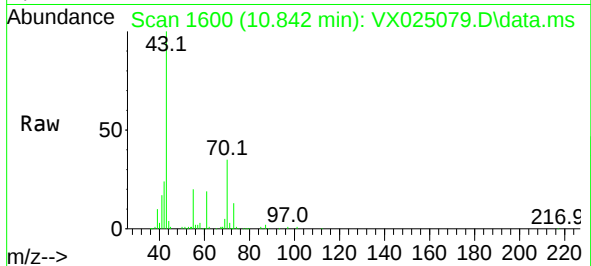
Ion	Ratio	Lower	Upper
41	100		
69	68.2	39.5	118.5
39	59.1	29.0	87.1





#47
n-amy1 Acetate
Concen: 23.804 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

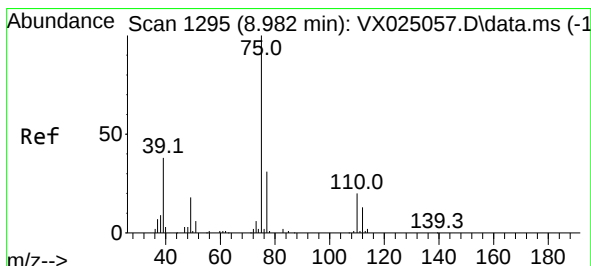
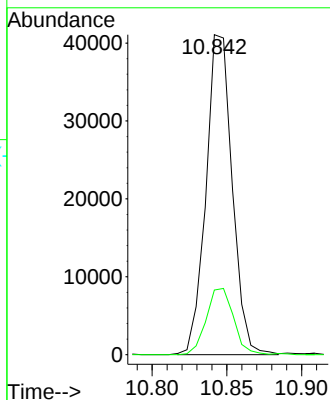
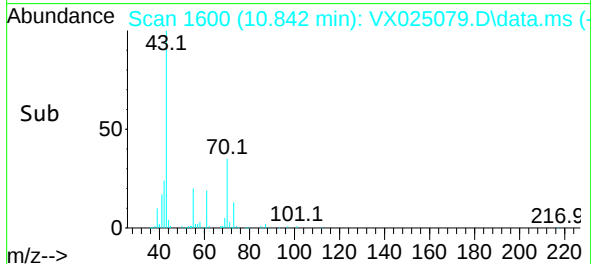
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 50208
Ion Ratio Lower Upper
43 100
55 21.5 18.9 28.3

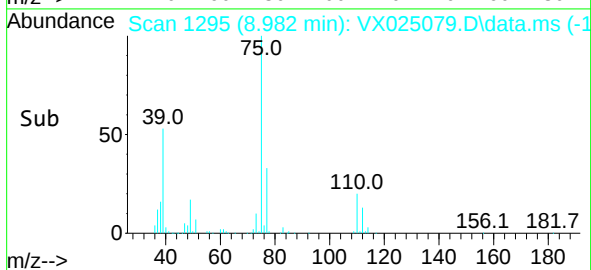
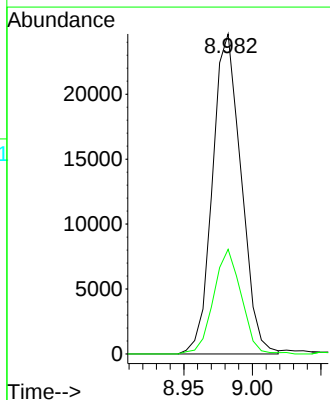
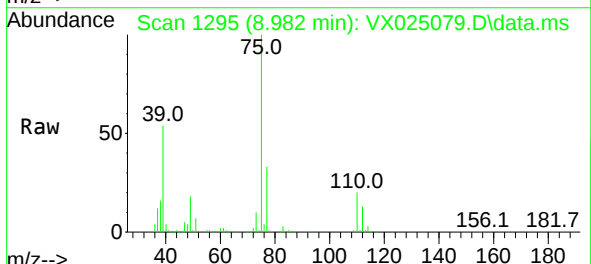
Manual Integrations
APPROVED

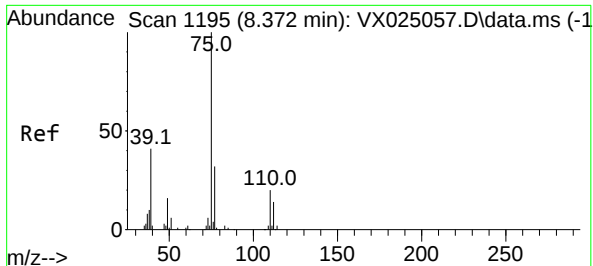
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#48
t-1,3-Dichloropropene
Concen: 16.708 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

Tgt Ion: 75 Resp: 35842
Ion Ratio Lower Upper
75 100
77 32.7 25.8 38.8





#49

cis-1,3-Dichloropropene

Concen: 16.066 ug/l

RT: 8.373 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX025079.D

Acq: 04 Nov 2021 19:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

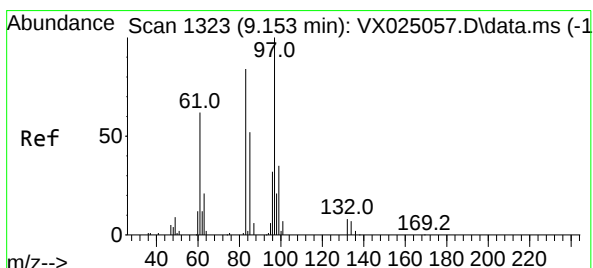
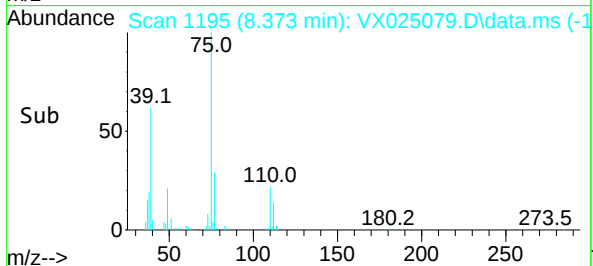
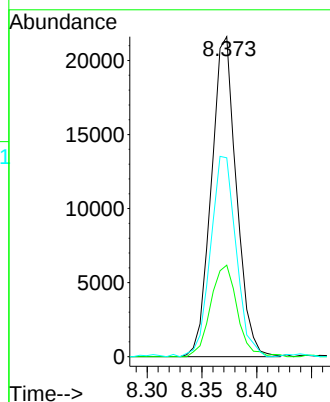
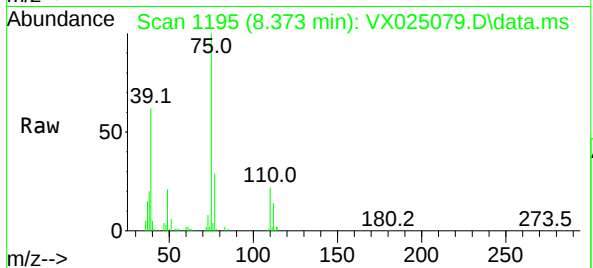
Tgt Ion:	75	Resp:	3440
Ion Ratio	Lower	Upper	
75	100		
77	28.6	23.6	35.4
39	62.2	44.0	66.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#50

1,1,2-Trichloroethane

Concen: 15.765 ug/l

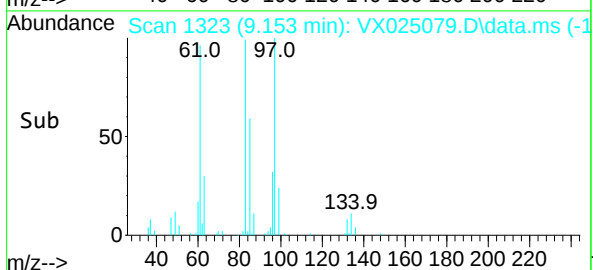
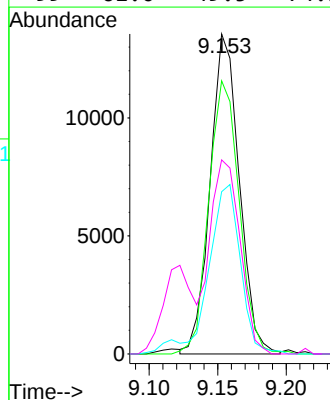
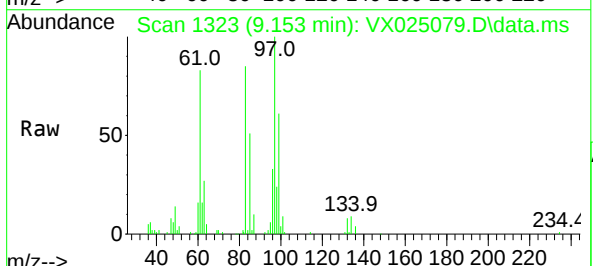
RT: 9.153 min Scan# 1323

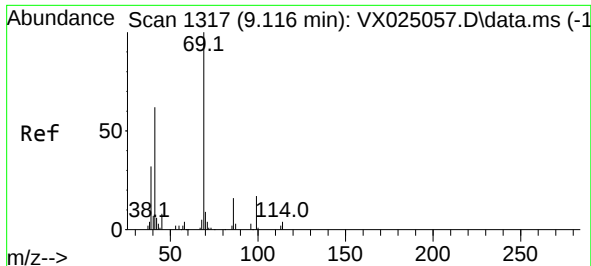
Delta R.T. 0.000 min

Lab File: VX025079.D

Acq: 04 Nov 2021 19:18

Tgt Ion:	97	Resp:	20022
Ion Ratio	Lower	Upper	
97	100		
83	85.1	64.2	96.4
85	50.0	42.4	63.6
99	61.0	49.5	74.3





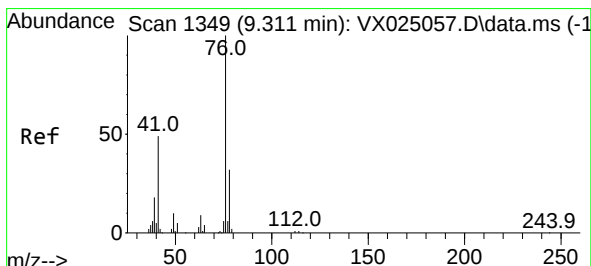
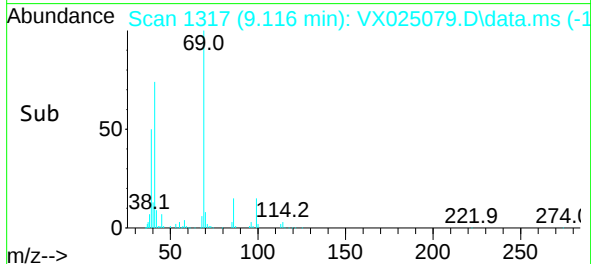
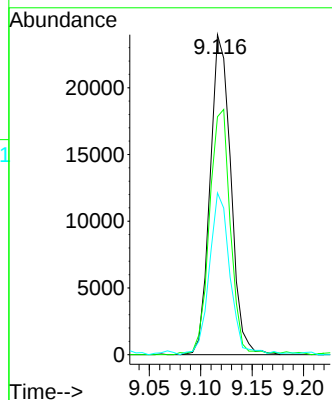
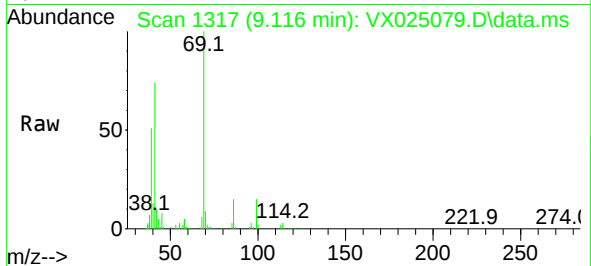
#51
Ethyl methacrylate
Concen: 16.415 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 69 Resp: 3359
Ion Ratio Lower Upper
69 100
41 73.9 35.8 107.3
39 50.6 20.3 60.8

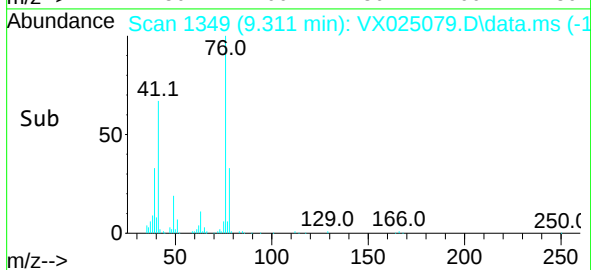
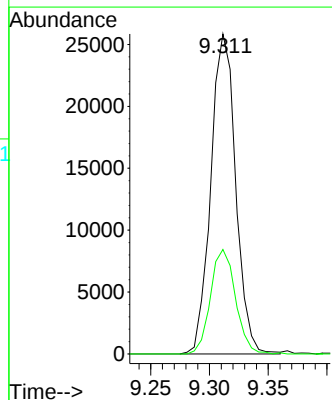
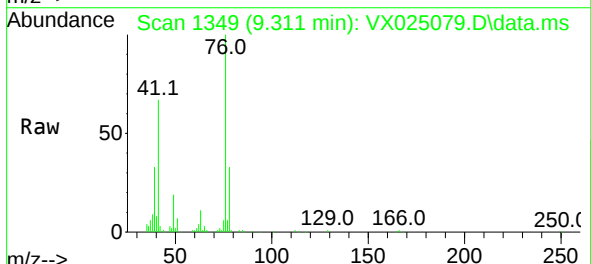
Manual Integrations
APPROVED

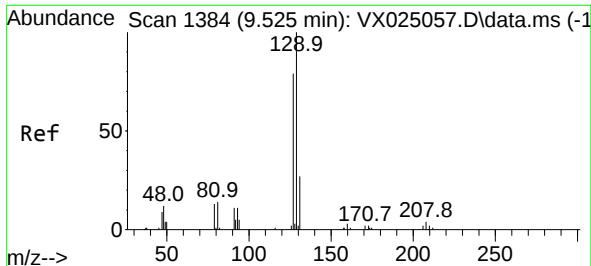
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#52
1,3-Dichloropropane
Concen: 17.538 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

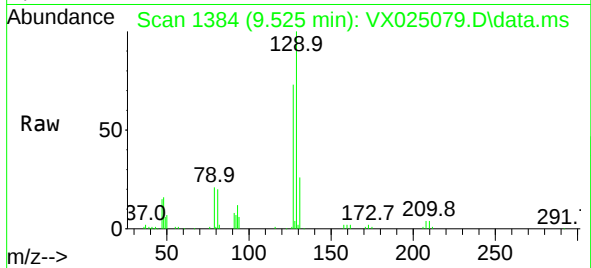
Tgt Ion: 76 Resp: 38059
Ion Ratio Lower Upper
76 100
78 32.8 0.0 64.0





#53
Dibromochloromethane
Concen: 16.187 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

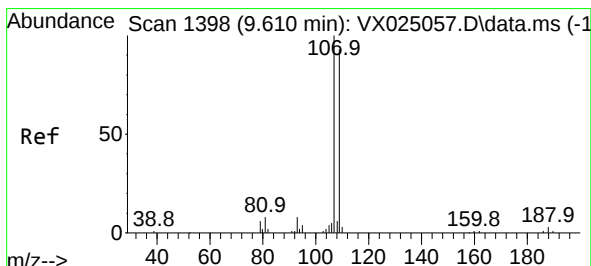
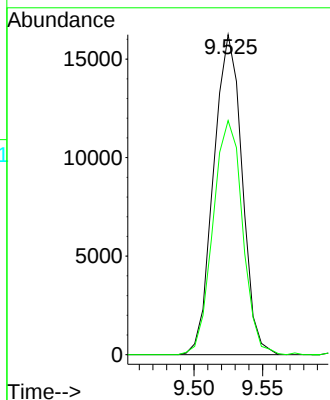
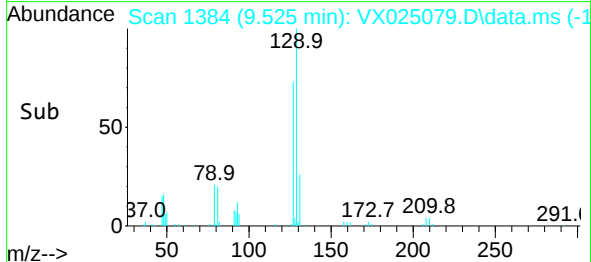
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



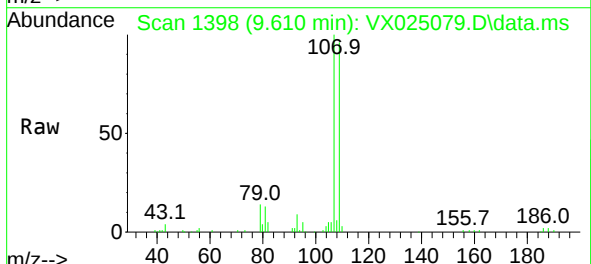
Tgt Ion:129 Resp: 23470
Ion Ratio Lower Upper
129 100
127 76.0 39.3 117.9

Manual Integrations
APPROVED

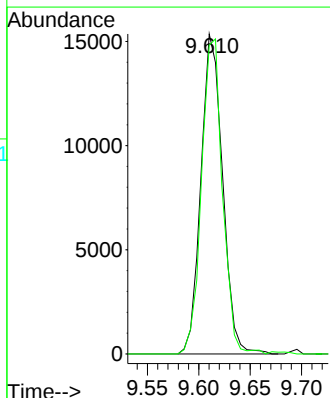
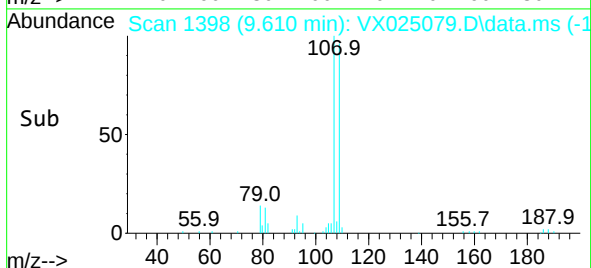
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

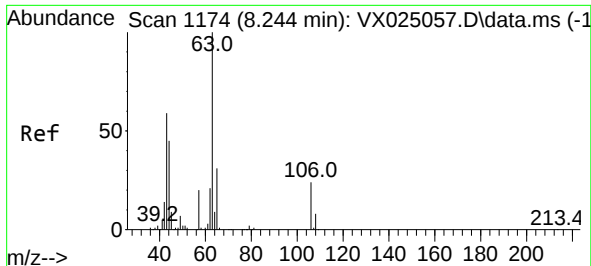


#54
1,2-Dibromoethane
Concen: 15.889 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18



Tgt Ion:107 Resp: 22539
Ion Ratio Lower Upper
107 100
109 94.9 75.3 112.9





#55

2-Chloroethyl vinyl ether

Concen: 87.597 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX025079.D

Acq: 04 Nov 2021 19:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

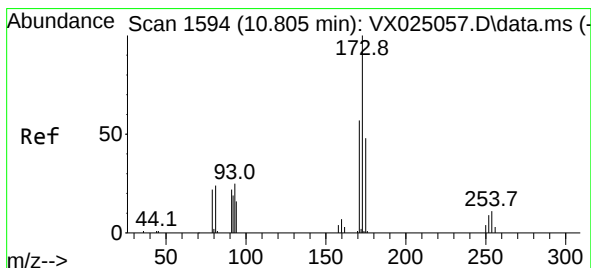
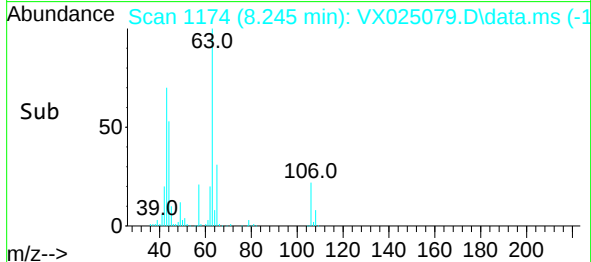
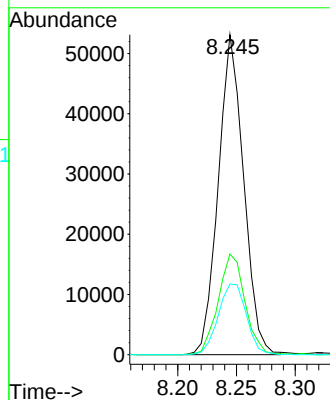
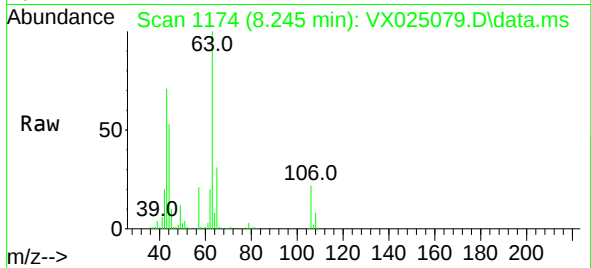
Tgt Ion:	63	Resp:	7978
Ion	Ratio	Lower	Upper
63	100		
65	33.2	25.8	38.6
106	24.4	21.8	32.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#56

Bromoform

Concen: 15.723 ug/l

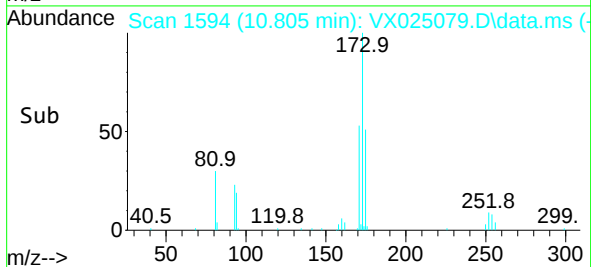
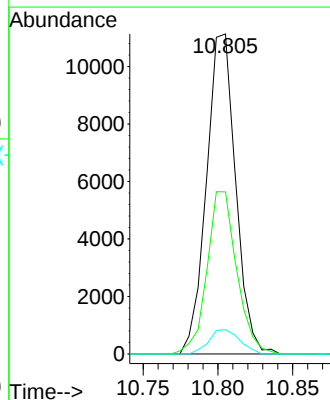
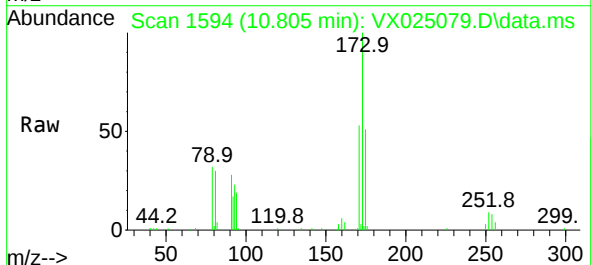
RT: 10.805 min Scan# 1594

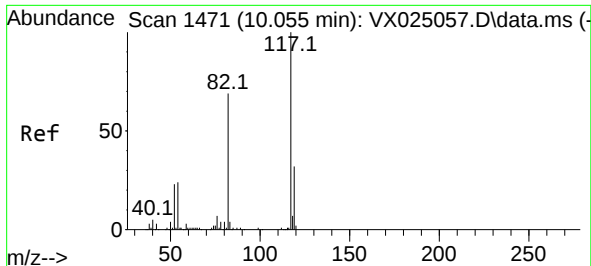
Delta R.T. 0.000 min

Lab File: VX025079.D

Acq: 04 Nov 2021 19:18

Tgt Ion:	173	Resp:	15136
Ion	Ratio	Lower	Upper
173	100		
175	51.7	38.4	57.6
254	8.1	7.3	10.9





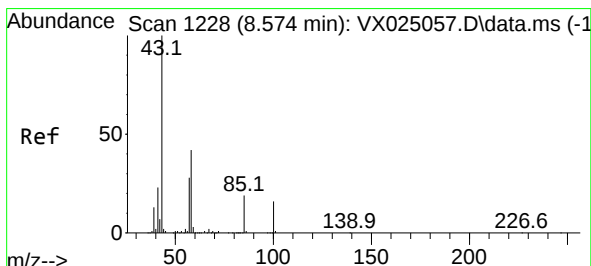
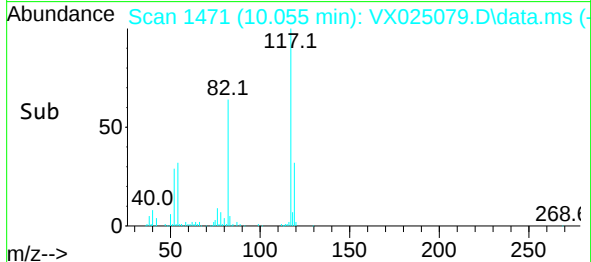
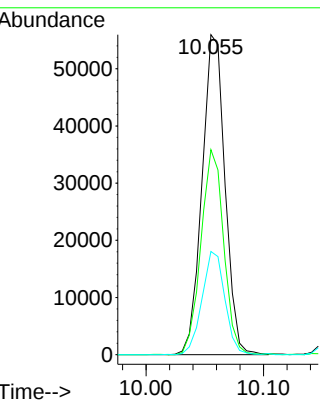
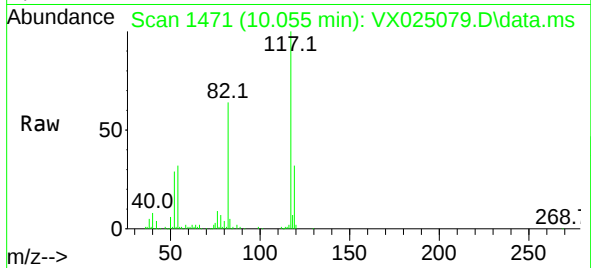
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 117 Resp: 76158
Ion Ratio Lower Upper
117 100
82 63.3 45.0 67.4
119 32.1 26.2 39.2

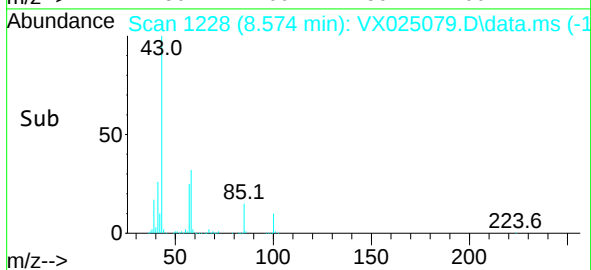
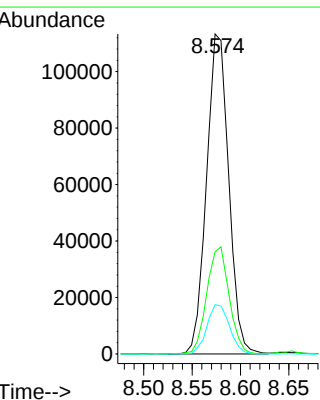
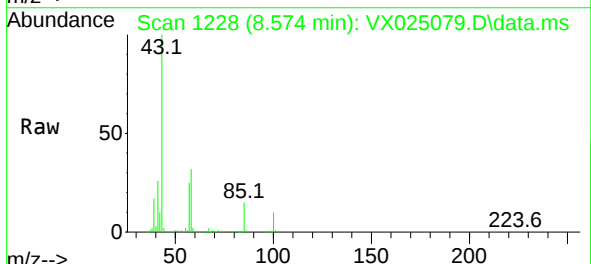
Manual Integrations
APPROVED

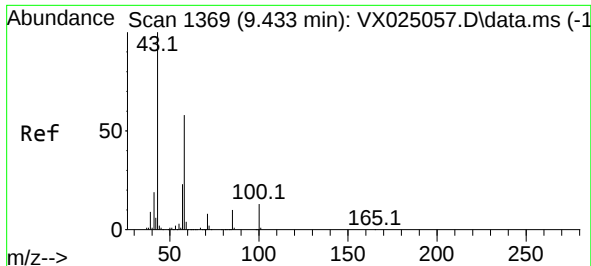
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#58
4-Methyl-2-Pentanone
Concen: 140.410 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

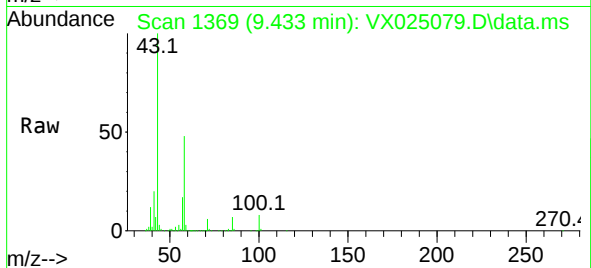
Tgt Ion: 43 Resp: 180257
Ion Ratio Lower Upper
43 100
58 33.9 30.5 45.7
85 15.7 14.0 21.0





#59
2-Hexanone
Concen: 140.480 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

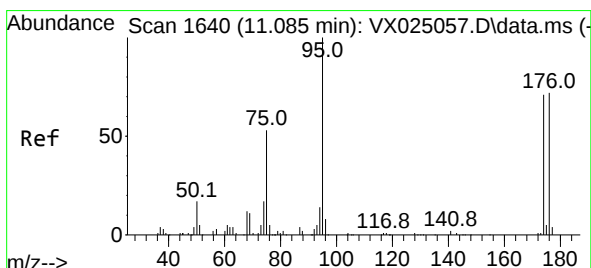
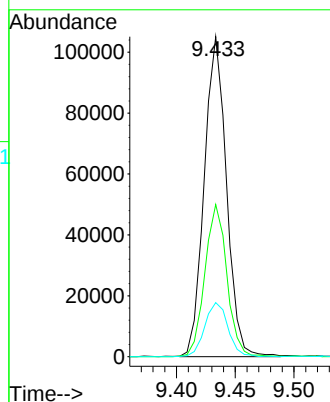
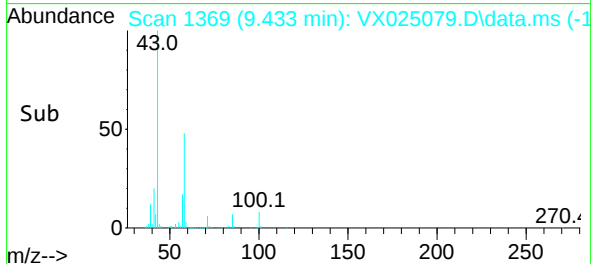
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



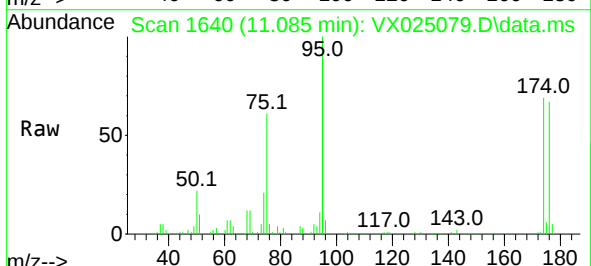
Tgt Ion: 43 Resp: 138579
Ion Ratio Lower Upper
43 100
58 47.1 42.1 63.1
57 17.6 14.9 22.3

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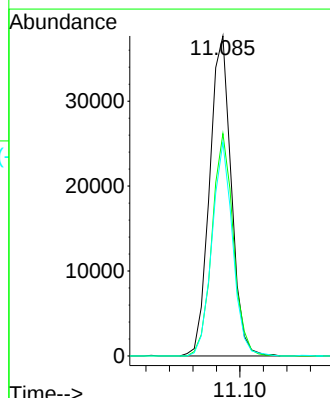
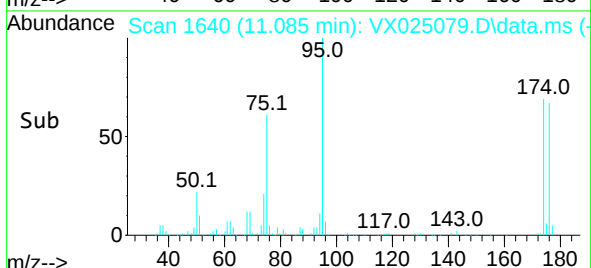
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

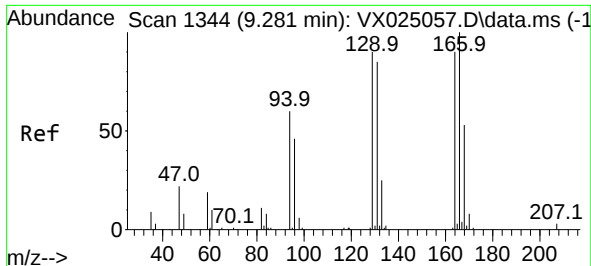


#60
4-Bromofluorobenzene
Concen: 34.731 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18



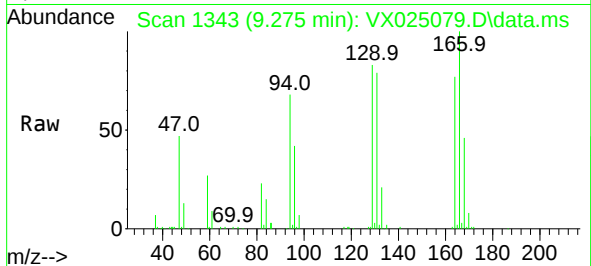
Tgt Ion: 95 Resp: 48259
Ion Ratio Lower Upper
95 100
174 67.9 63.5 95.3
176 63.6 63.0 94.4





#61
Tetrachloroethene
Concen: 20.994 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

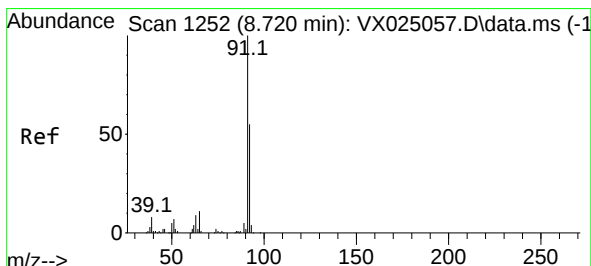
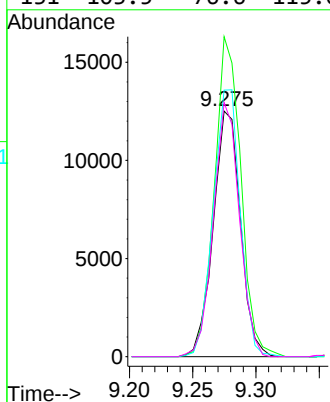
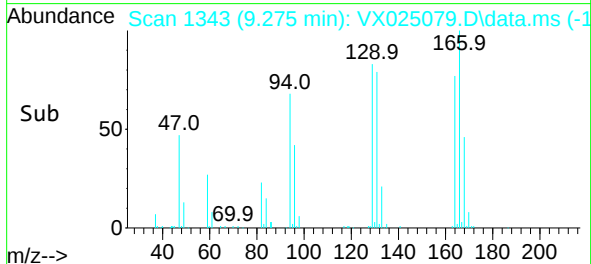
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 18734
Ion Ratio Lower Upper
164 100
166 130.3 98.6 147.8
129 108.6 79.7 119.5
131 103.5 76.6 115.0

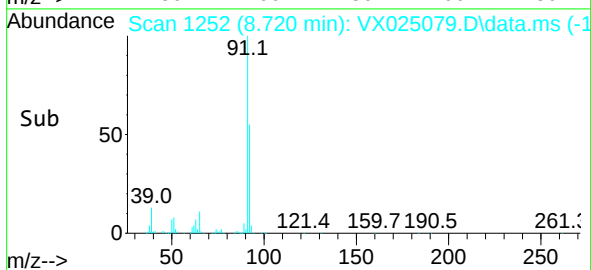
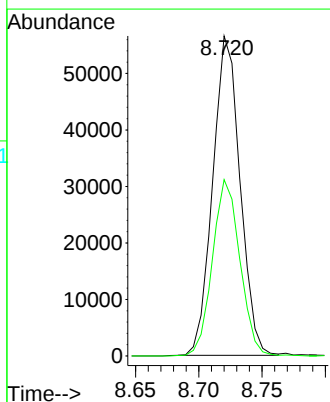
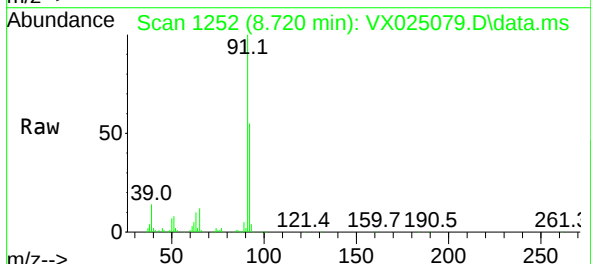
Manual Integrations
APPROVED

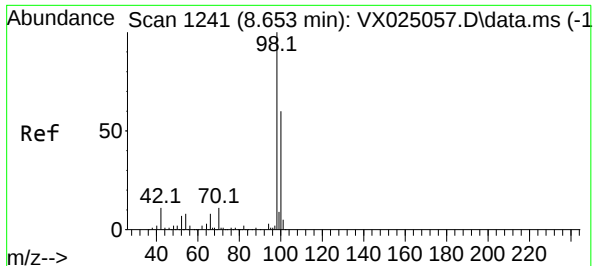
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#62
Toluene
Concen: 21.769 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

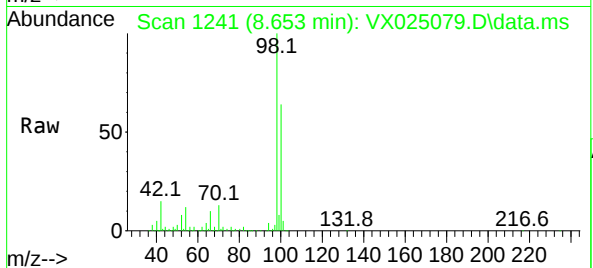
Tgt Ion: 91 Resp: 84802
Ion Ratio Lower Upper
91 100
92 55.4 46.5 69.7





#63
Toluene-d8
Concen: 30.158 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

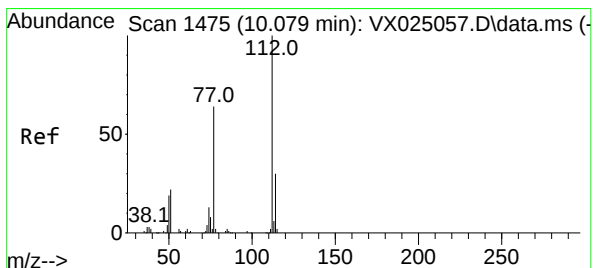
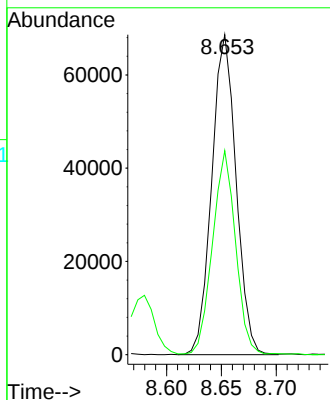
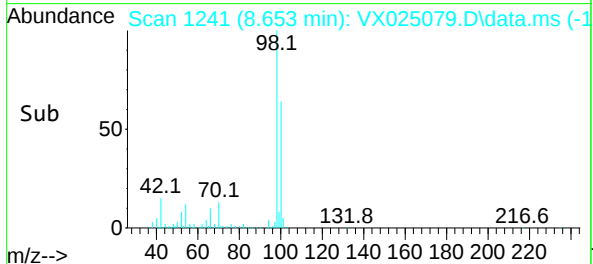
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



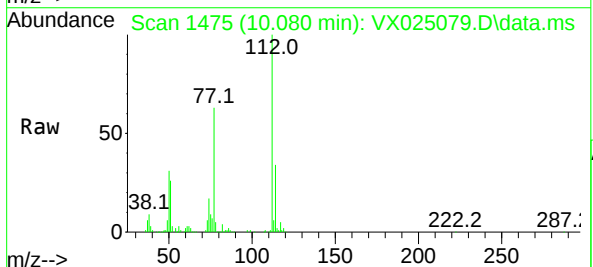
Tgt Ion: 98 Resp: 106074
Ion Ratio Lower Upper
98 100
100 60.4 51.4 77.0

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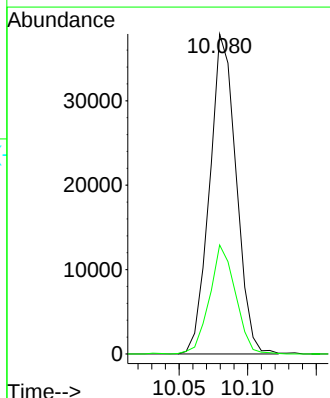
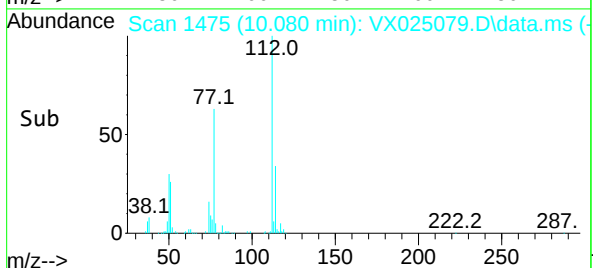
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

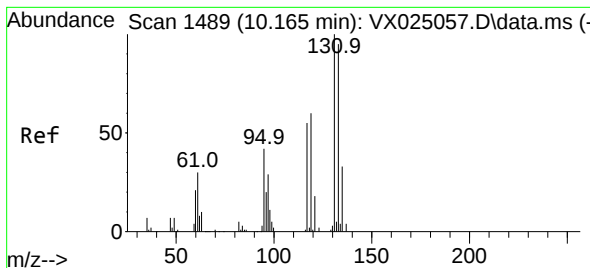


#64
Chlorobenzene
Concen: 21.689 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18



Tgt Ion:112 Resp: 51031
Ion Ratio Lower Upper
112 100
114 33.9 26.0 39.0





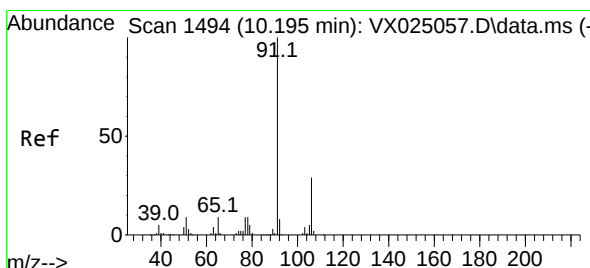
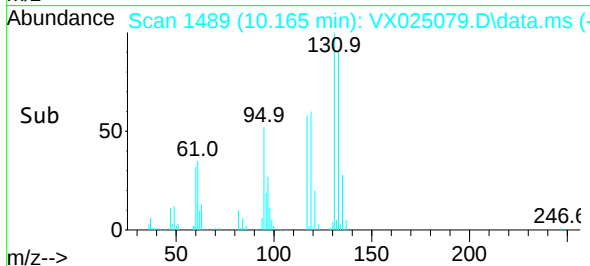
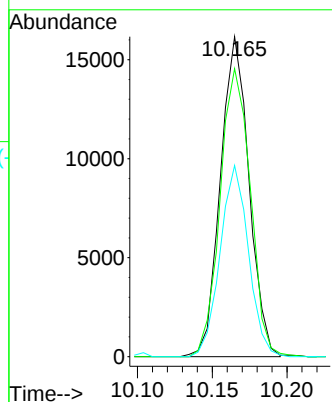
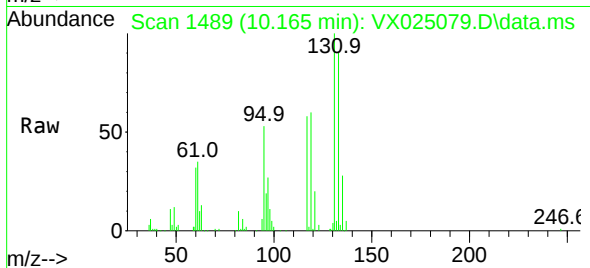
#65
1,1,1,2-Tetrachloroethane
Concen: 20.433 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:131 Resp: 2147
Ion Ratio Lower Upper
131 100
133 95.2 0.0 191.2
119 59.3 0.0 133.2

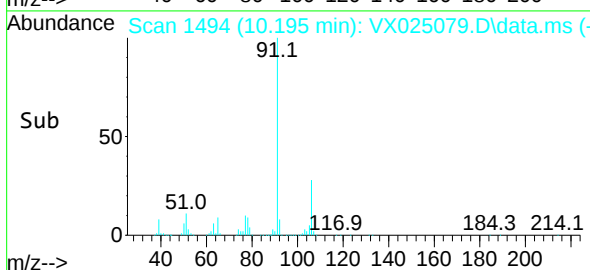
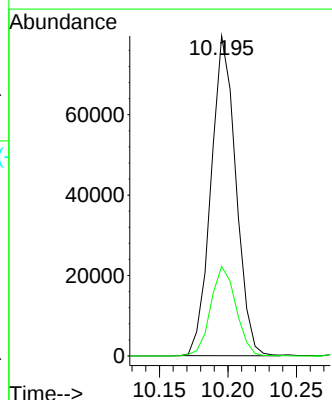
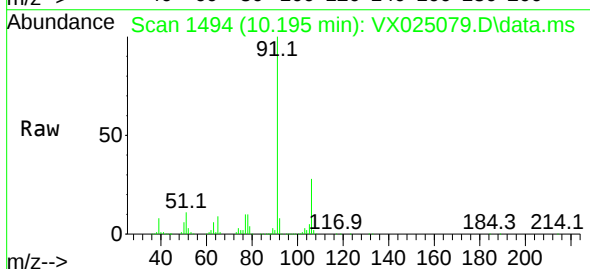
Manual Integrations
APPROVED

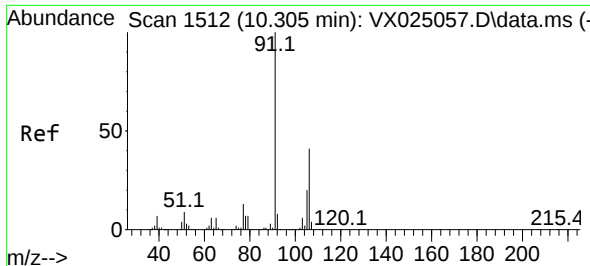
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#66
Ethyl Benzene
Concen: 21.817 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

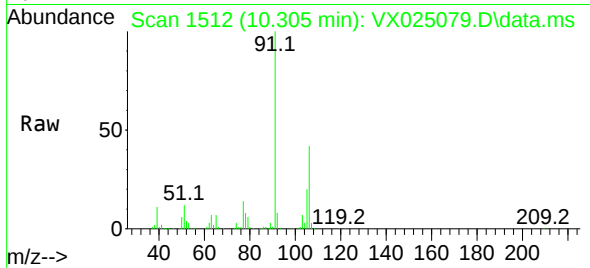
Tgt Ion: 91 Resp: 100490
Ion Ratio Lower Upper
91 100
106 27.9 24.7 37.1





#67
m/p-Xylenes
Concen: 43.826 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

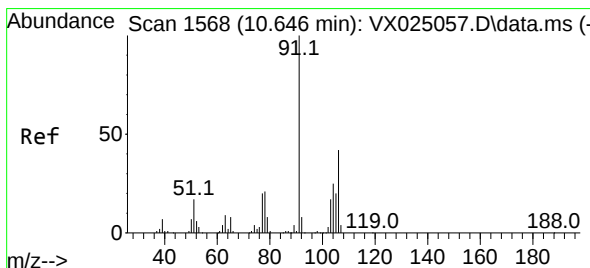
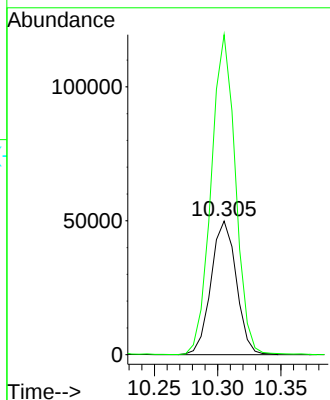
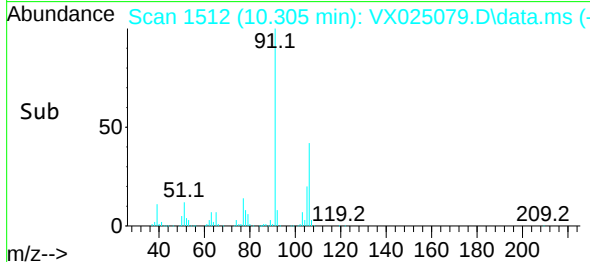
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:106 Resp: 69412
Ion Ratio Lower Upper
106 100
91 229.6 162.4 243.6

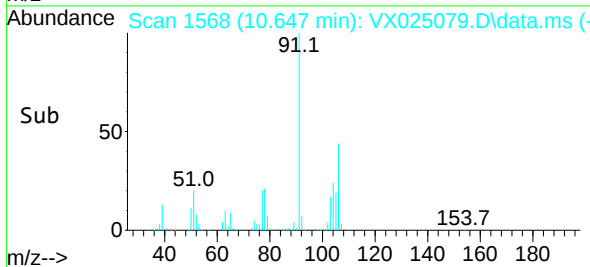
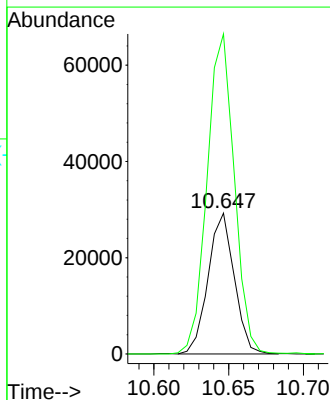
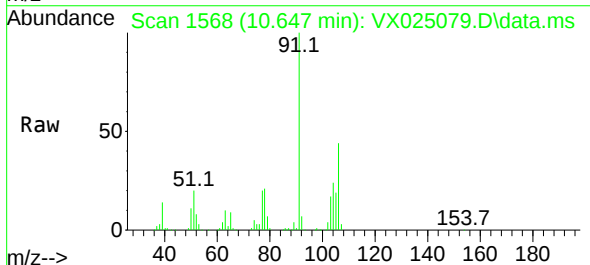
Manual Integrations
APPROVED

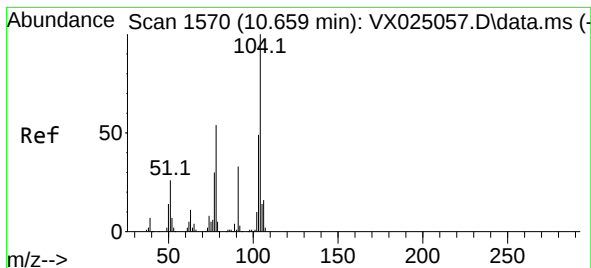
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#68
o-Xylene
Concen: 23.037 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

Tgt Ion:106 Resp: 35631
Ion Ratio Lower Upper
106 100
91 236.0 107.3 321.8





#69

Styrene

Concen: 21.596 ug/l

RT: 10.659 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX025079.D

Acq: 04 Nov 2021 19:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

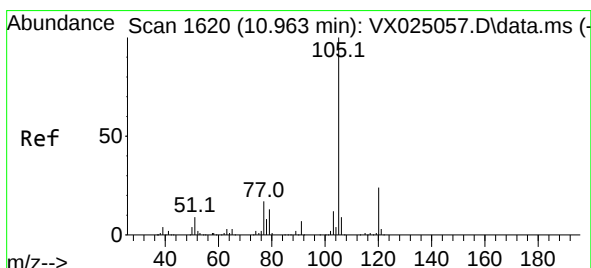
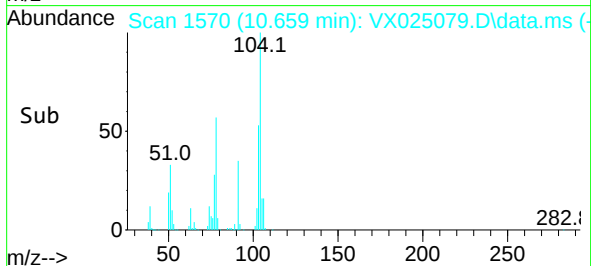
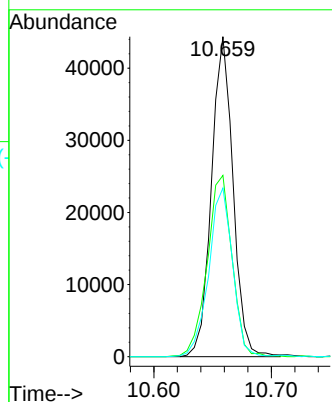
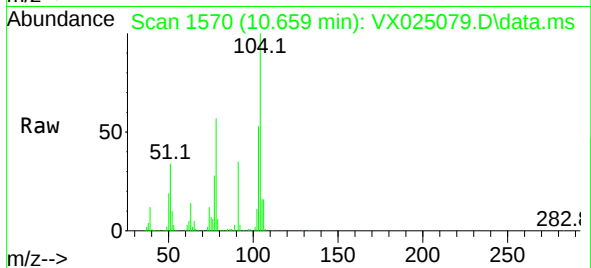
Tgt Ion:104	Resp:	5674
Ion Ratio	Lower	Upper
104	100	
78	65.2	41.4 62.0
103	58.1	44.2 66.4

Manual Integrations

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Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#70

Isopropylbenzene

Concen: 23.067 ug/l

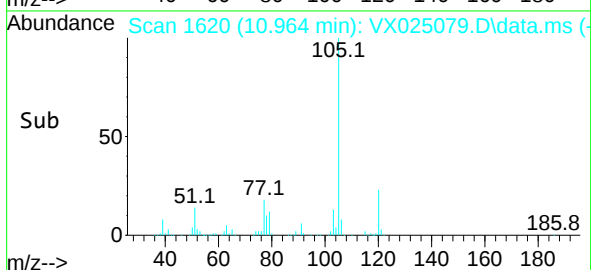
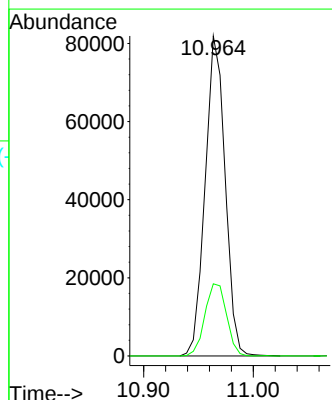
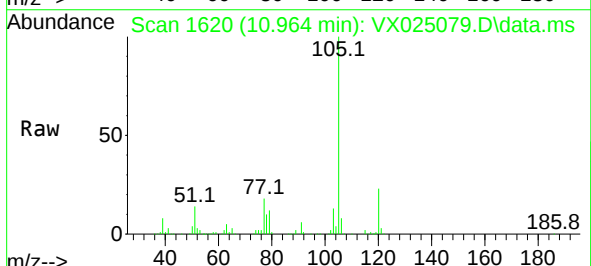
RT: 10.964 min Scan# 1620

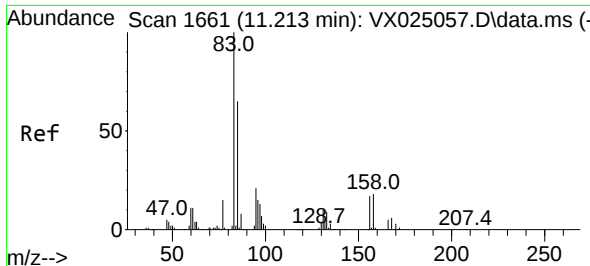
Delta R.T. 0.000 min

Lab File: VX025079.D

Acq: 04 Nov 2021 19:18

Tgt Ion:105	Resp:	103655
Ion Ratio	Lower	Upper
105	100	
120	24.4	18.7 34.7





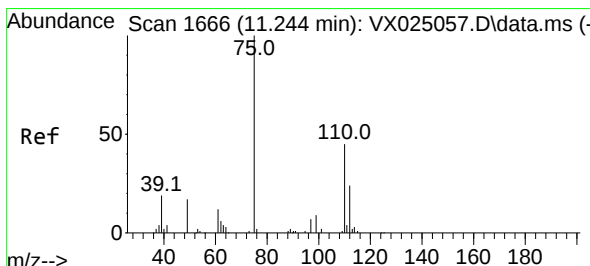
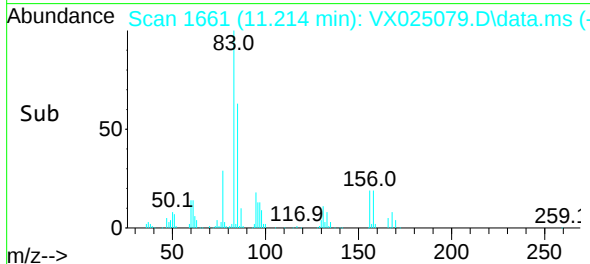
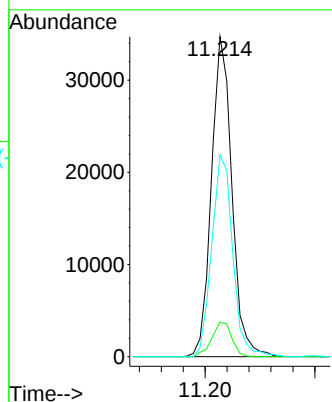
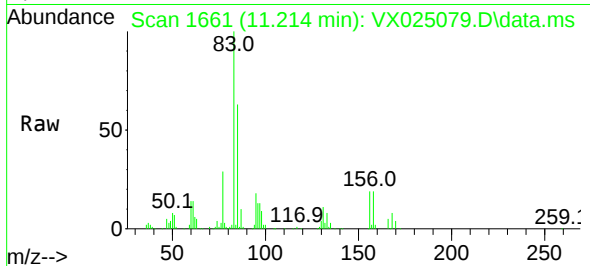
#71
1,1,2,2-Tetrachloroethane
Concen: 30.345 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 45014
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.4
85 64.6 32.4 97.2

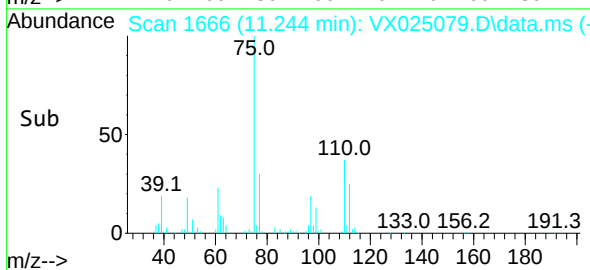
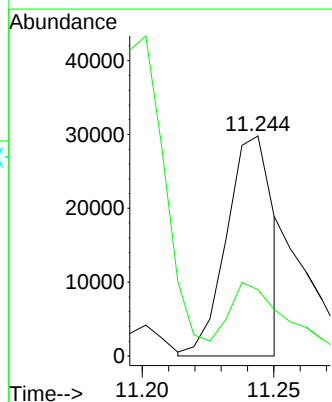
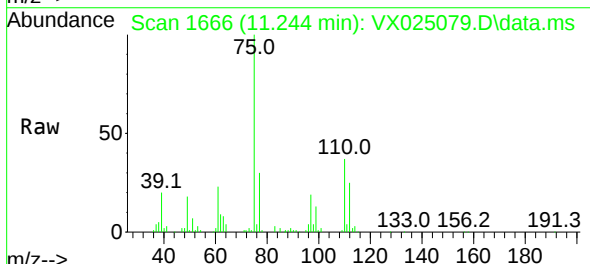
Manual Integrations
APPROVED

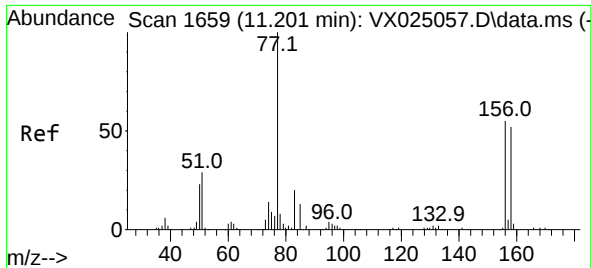
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#72
1,2,3-Trichloropropane
Concen: 25.275 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

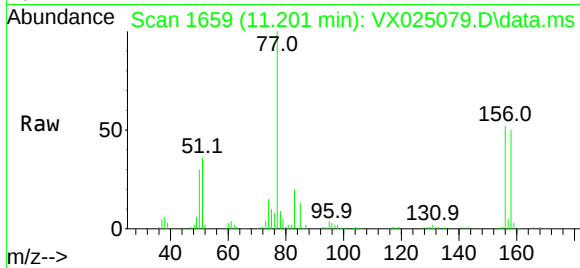
Tgt Ion: 75 Resp: 36314
Ion Ratio Lower Upper
75 100
77 42.6 0.0 77.4





#73
Bromobenzene
Concen: 27.710 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

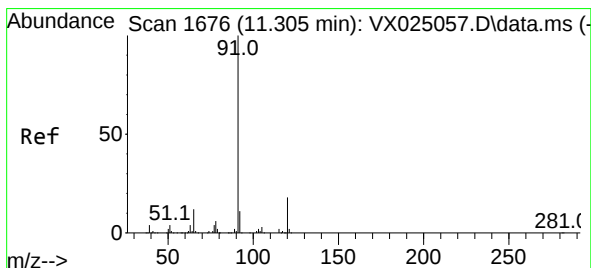
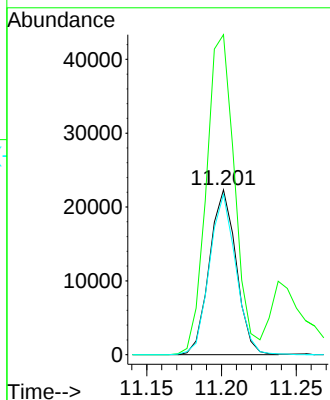
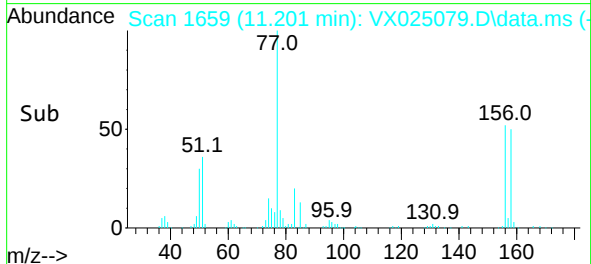
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



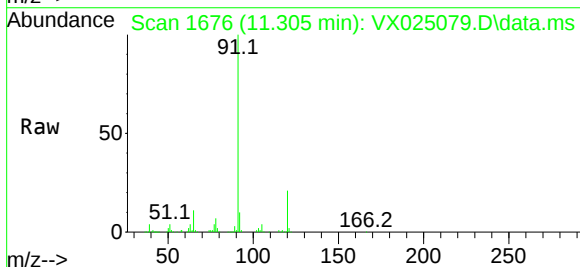
Tgt Ion:156 Resp: 27825
Ion Ratio Lower Upper
156 100
77 205.2 0.0 303.2
158 96.5 0.0 197.2

Manual Integrations
APPROVED

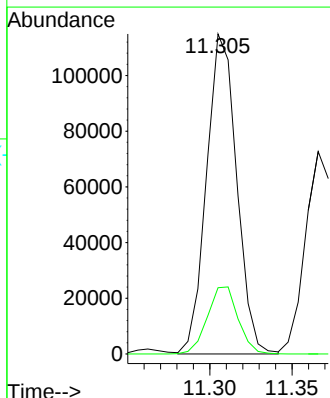
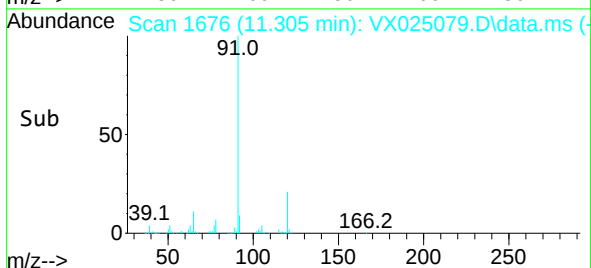
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

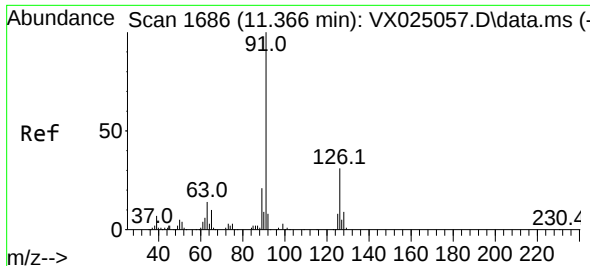


#74
n-propylbenzene
Concen: 27.488 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18



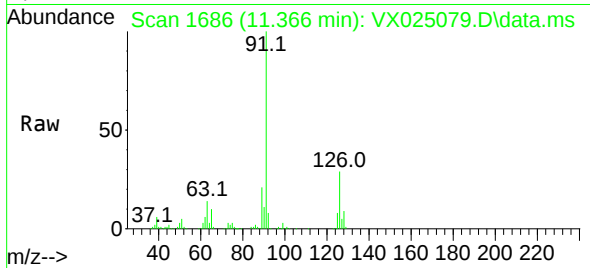
Tgt Ion: 91 Resp: 146494
Ion Ratio Lower Upper
91 100
120 21.4 0.0 46.0





#75
2-Chlorotoluene
Concen: 27.648 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

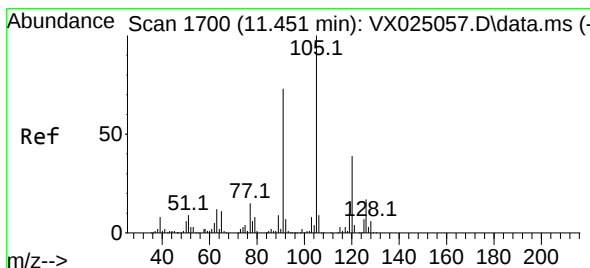
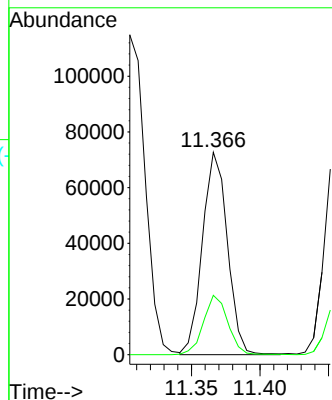
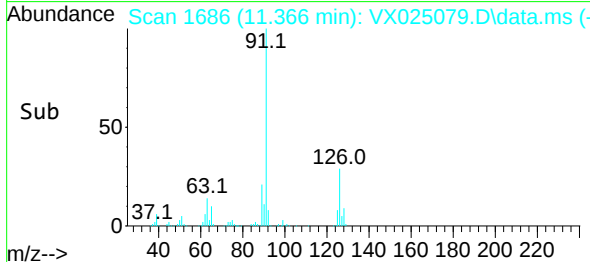
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 9234
Ion Ratio Lower Upper
91 100
126 28.7 0.0 69.0

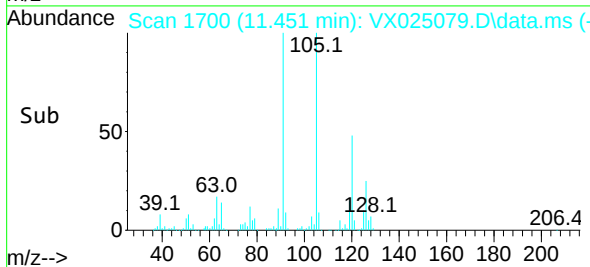
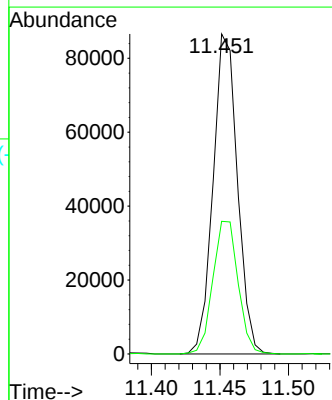
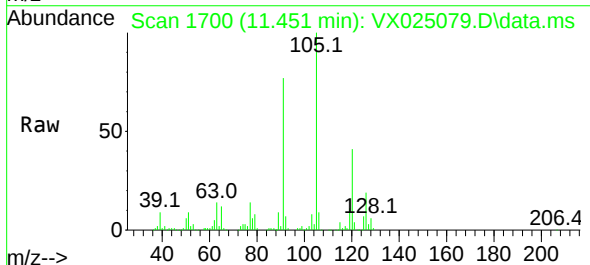
Manual Integrations
APPROVED

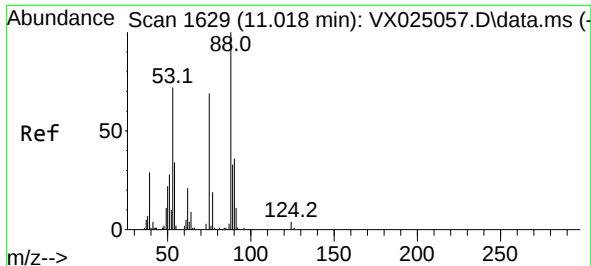
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#76
1,3,5-Trimethylbenzene
Concen: 27.282 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

Tgt Ion:105 Resp: 106921
Ion Ratio Lower Upper
105 100
120 43.0 0.0 98.0





#77

t-1,4-Dichloro-2-butene

Concen: 22.156 ug/l

RT: 11.025 min Scan# 1630

Delta R.T. 0.006 min

Lab File: VX025079.D

Acq: 04 Nov 2021 19:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 10718

Ion Ratio Lower Upper

75 100

53 140.2 53.9 161.7

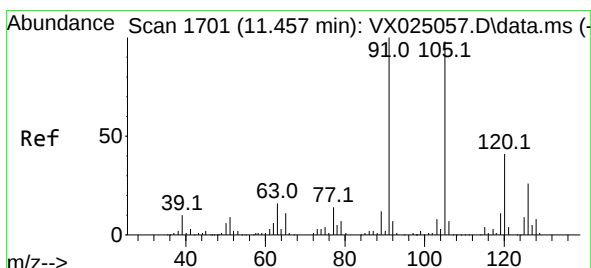
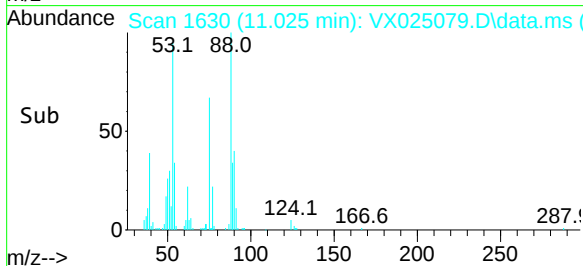
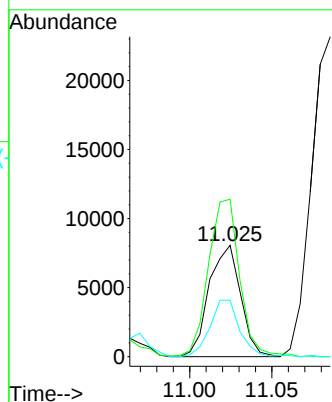
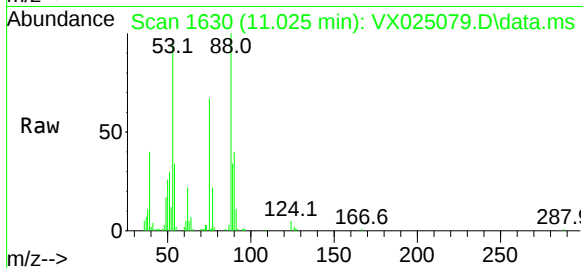
89 50.7 22.9 68.7

Manual Integrations

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Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#78

4-Chlorotoluene

Concen: 27.133 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VX025079.D

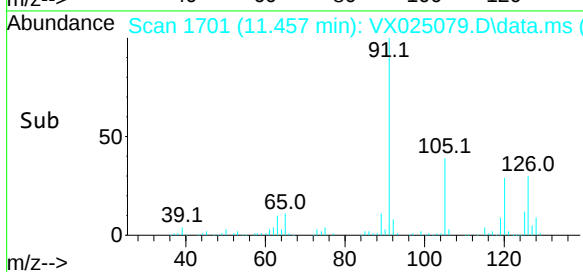
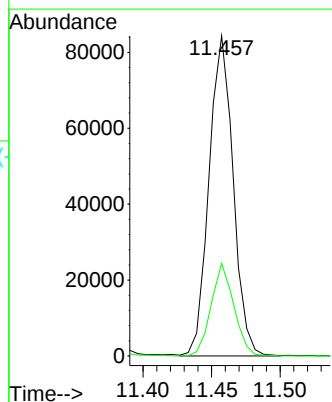
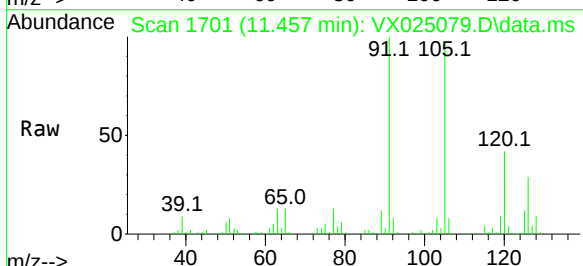
Acq: 04 Nov 2021 19:18

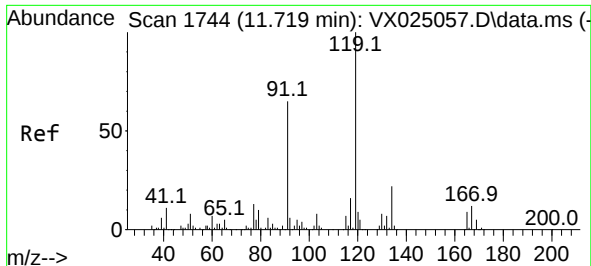
Tgt Ion: 91 Resp: 103426

Ion Ratio Lower Upper

91 100

126 27.2 0.0 59.6





#79

tert-butylbenzene

Concen: 28.788 ug/l

RT: 11.720 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX025079.D

Acq: 04 Nov 2021 19:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

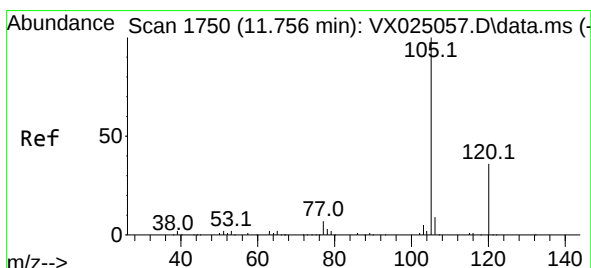
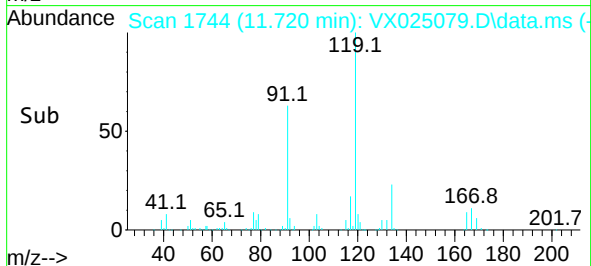
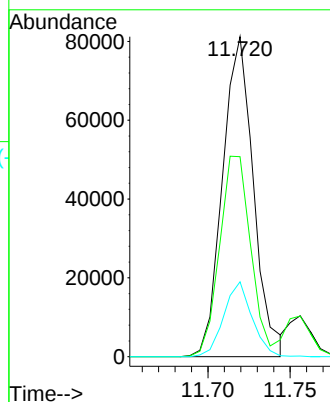
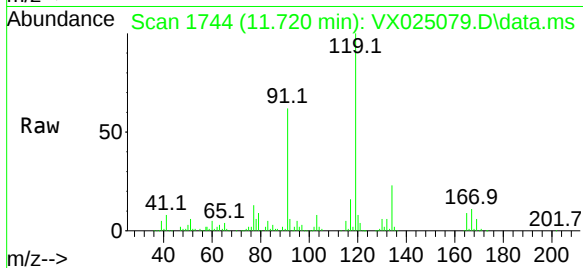
Tgt Ion:	119	Resp:	10629
Ion Ratio	Lower	Upper	
119	100		
91	63.0	0.0	121.2
134	21.4	0.0	47.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#80

1,2,4-Trimethylbenzene

Concen: 28.297 ug/l

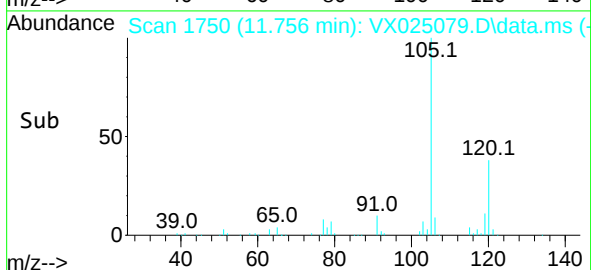
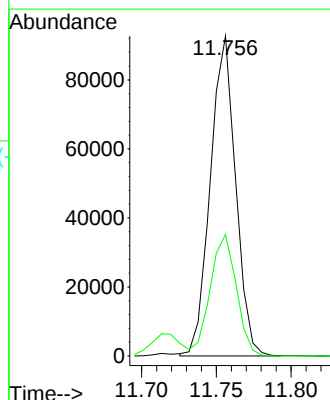
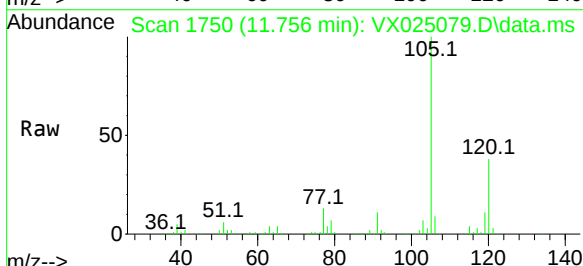
RT: 11.756 min Scan# 1750

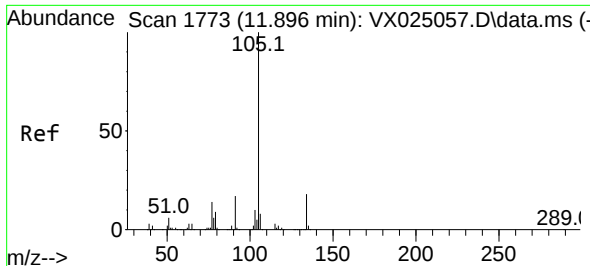
Delta R.T. 0.000 min

Lab File: VX025079.D

Acq: 04 Nov 2021 19:18

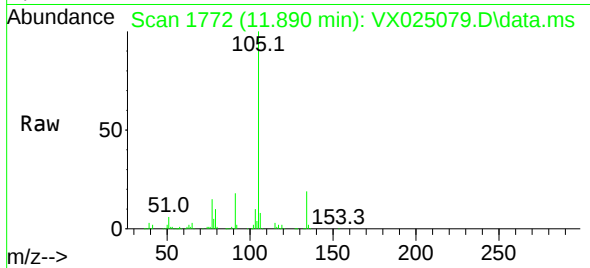
Tgt Ion:	105	Resp:	109058
Ion Ratio	Lower	Upper	
105	100		
120	39.1	0.0	90.4





#81
 sec-Butylbenzene
 Concen: 27.991 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: VX025079.D
 Acq: 04 Nov 2021 19:18

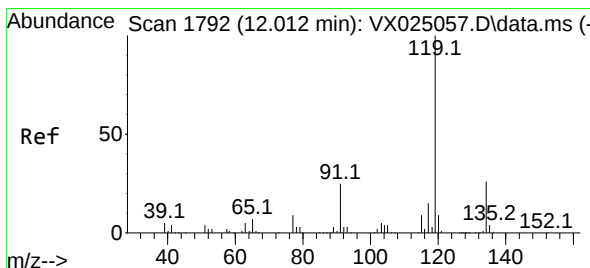
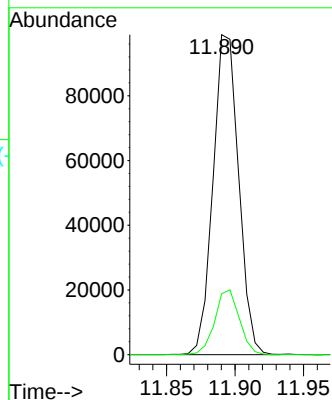
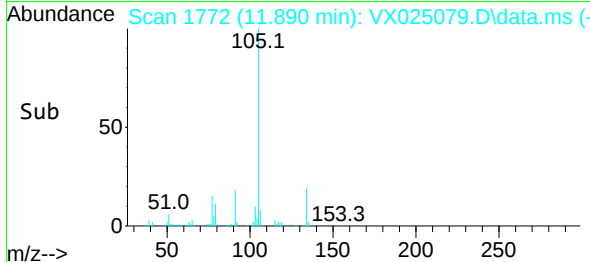
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion:105 Resp: 128588
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 40.2

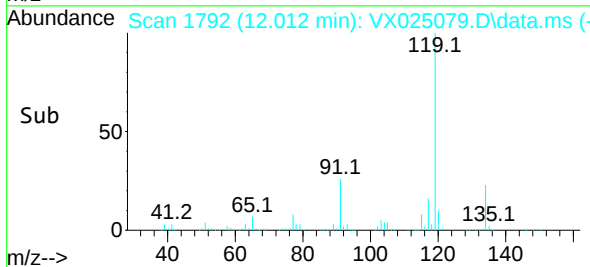
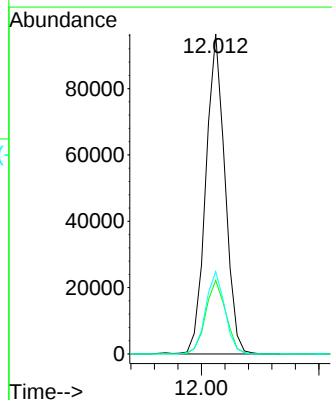
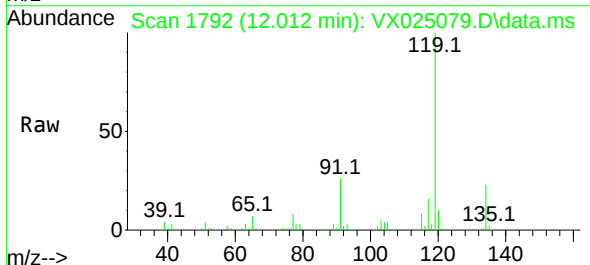
Manual Integrations
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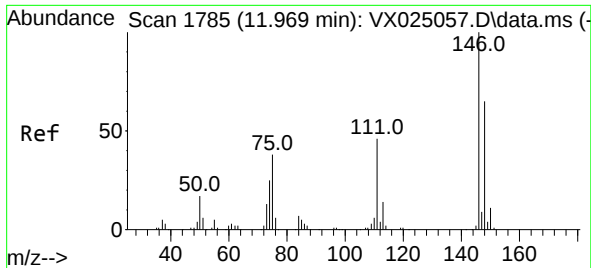
Reviewed By :John Carlone 11/08/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#82
 p-Isopropyltoluene
 Concen: 28.567 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX025079.D
 Acq: 04 Nov 2021 19:18

Tgt Ion:119 Resp: 108849
 Ion Ratio Lower Upper
 119 100
 134 24.3 0.0 52.8
 91 25.9 0.0 48.6





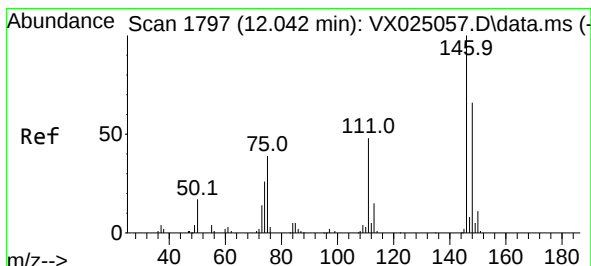
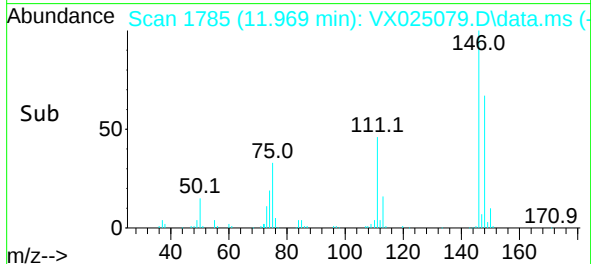
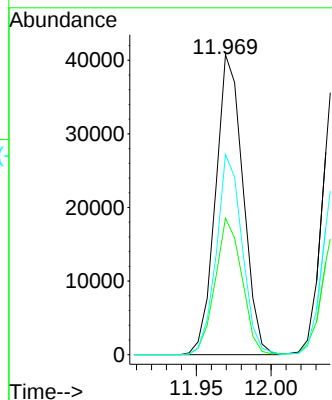
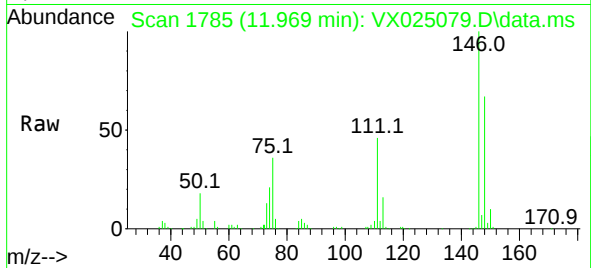
#83
1,3-Dichlorobenzene
Concen: 27.855 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:146 Resp: 5201
Ion Ratio Lower Upper
146 100
111 44.3 20.1 60.2
148 62.7 31.9 95.5

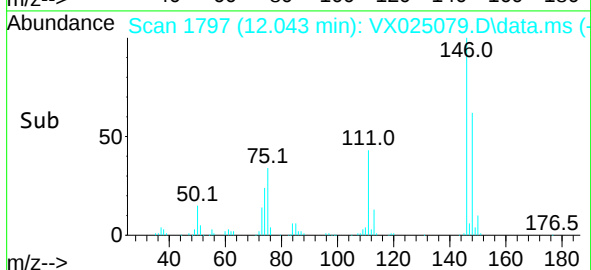
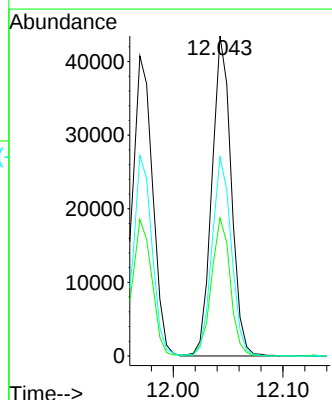
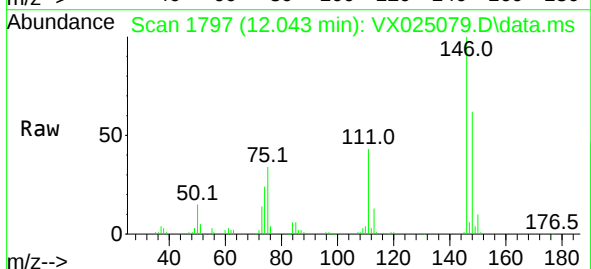
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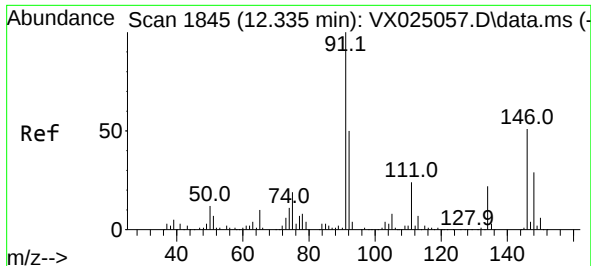
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#84
1,4-Dichlorobenzene
Concen: 28.640 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

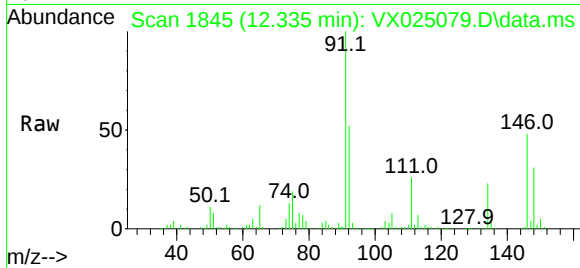
Tgt Ion:146 Resp: 53256
Ion Ratio Lower Upper
146 100
111 42.1 18.9 56.9
148 62.4 31.4 94.2





#85
n-Butylbenzene
Concen: 27.538 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

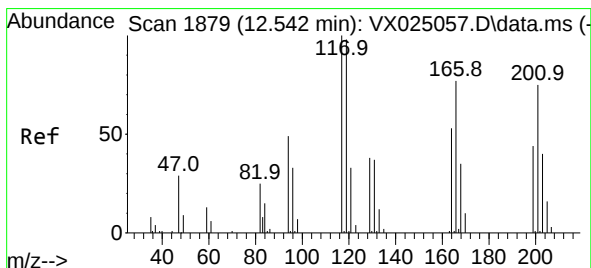
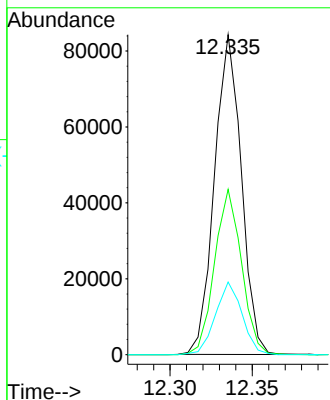
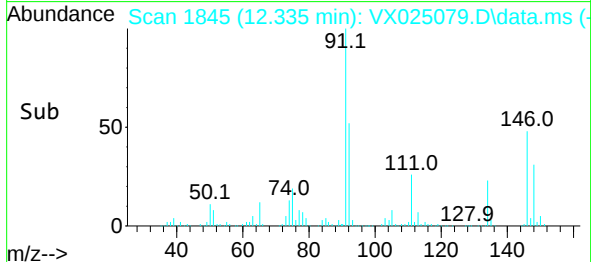
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



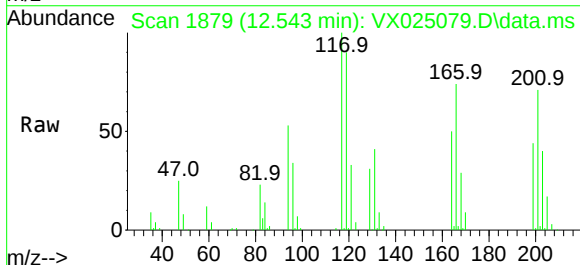
Tgt Ion: 91 Resp: 95699
Ion Ratio Lower Upper
91 100
92 51.8 0.0 105.4
134 22.6 0.0 52.4

Manual Integrations
APPROVED

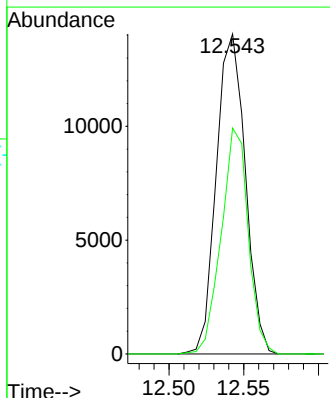
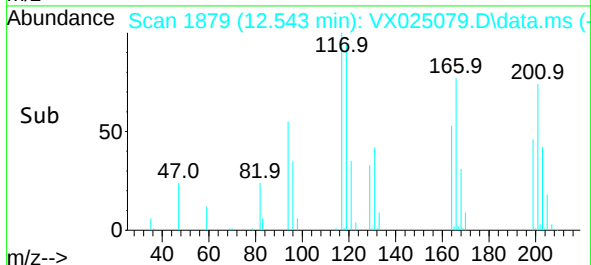
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

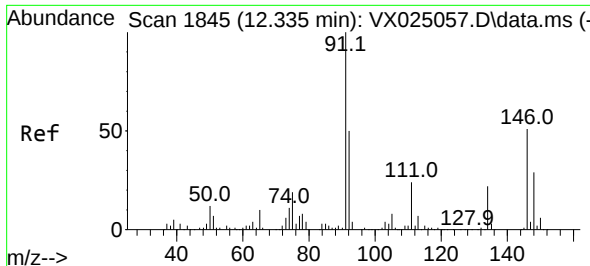


#86
Hexachloroethane
Concen: 27.886 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18



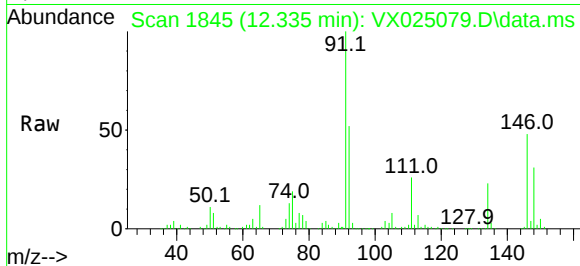
Tgt Ion:117 Resp: 18943
Ion Ratio Lower Upper
117 100
201 65.9 37.5 112.5





#87
1,2-Dichlorobenzene
Concen: 27.667 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

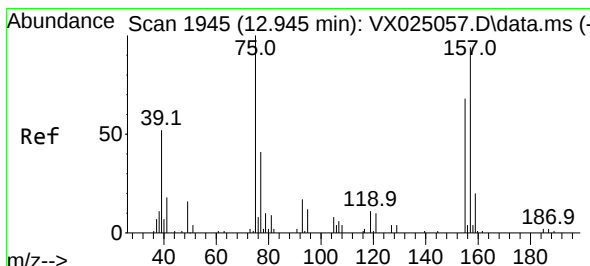
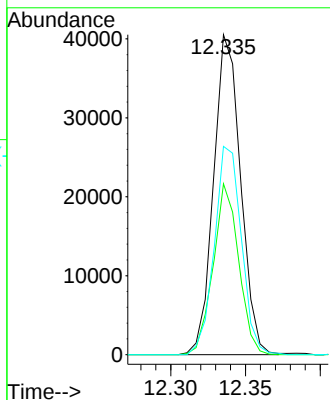
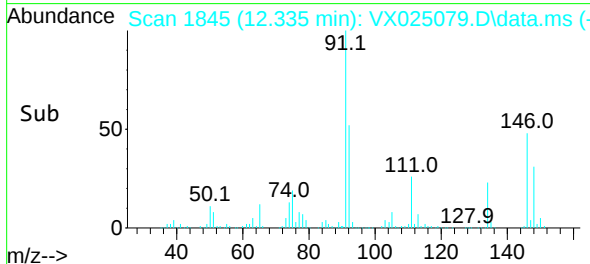
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



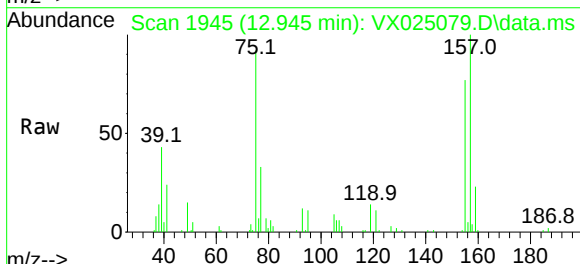
Tgt Ion:146 Resp: 50864
Ion Ratio Lower Upper
146 100
111 50.4 20.7 62.1
148 65.4 32.6 97.8

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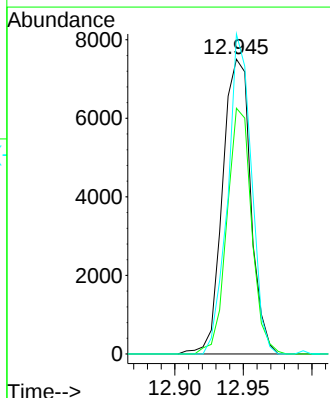
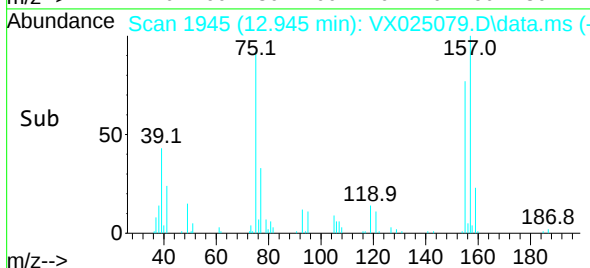
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

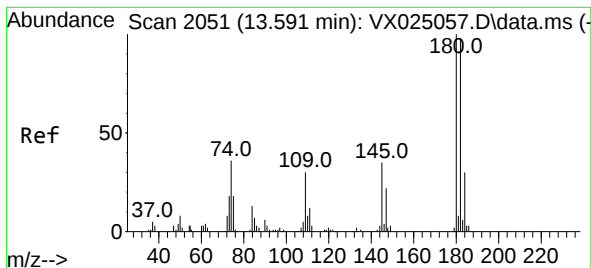


#88
1,2-Dibromo-3-Chloropropane
Concen: 26.448 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18



Tgt Ion: 75 Resp: 10731
Ion Ratio Lower Upper
75 100
155 73.2 67.4 101.2
157 91.6 85.8 128.8





#89

1,2,4-Trichlorobenzene

Concen: 28.664 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX025079.D

Acq: 04 Nov 2021 19:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

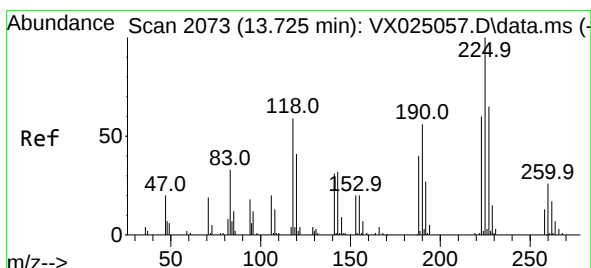
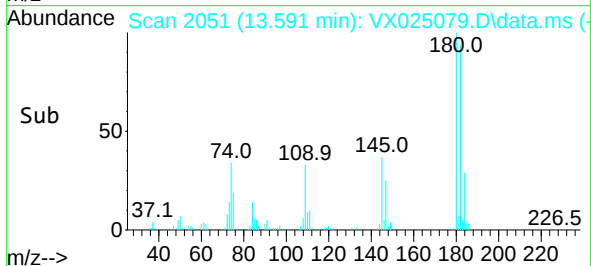
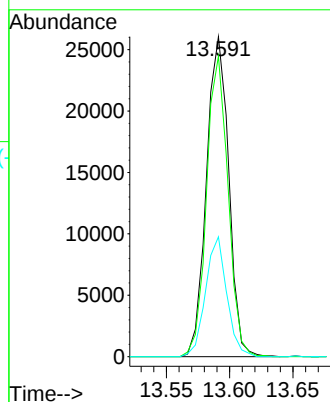
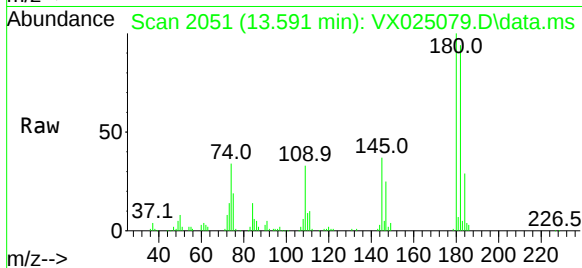
Tgt Ion:	180	Resp:	3192
Ion Ratio	Lower	Upper	
180	100		
182	90.5	75.9	113.9
145	35.8	24.2	36.4

Manual Integrations

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Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#90

Hexachlorobutadiene

Concen: 29.089 ug/l

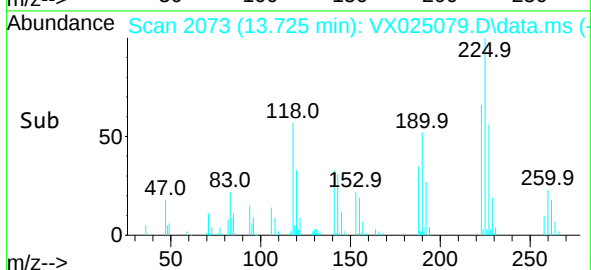
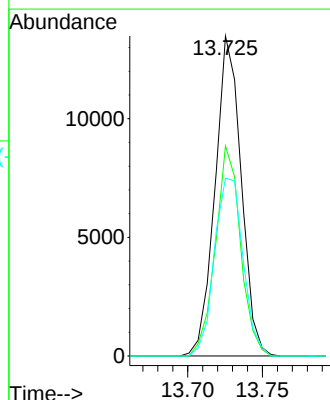
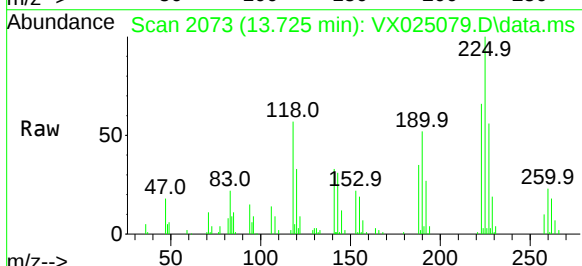
RT: 13.725 min Scan# 2073

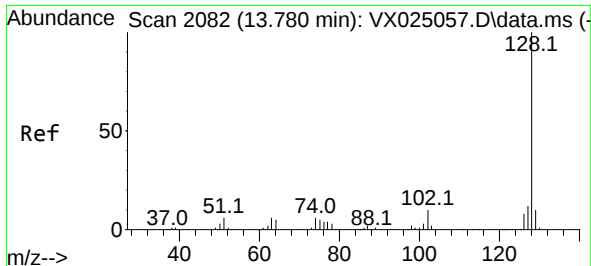
Delta R.T. 0.000 min

Lab File: VX025079.D

Acq: 04 Nov 2021 19:18

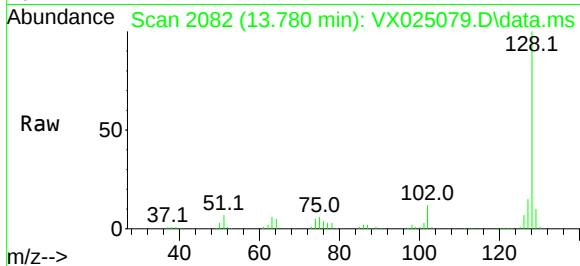
Tgt Ion:	225	Resp:	16368
Ion Ratio	Lower	Upper	
225	100		
223	63.1	0.0	126.4
227	61.1	0.0	125.0





#91
Naphthalene
Concen: 27.078 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

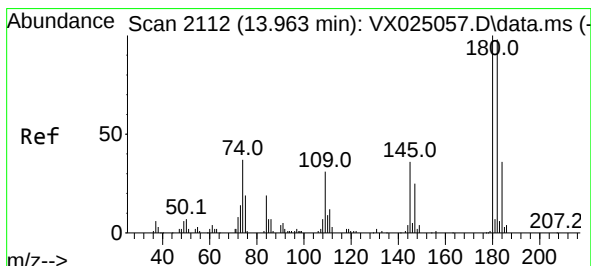
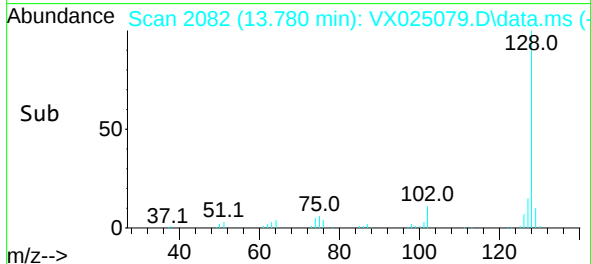
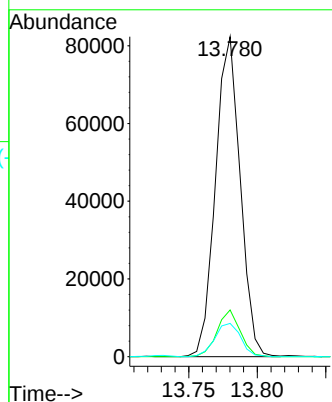
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 103058
Ion Ratio Lower Upper
128 100
127 13.7 10.1 15.1
129 11.0 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: 28.259 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX025079.D
Acq: 04 Nov 2021 19:18

Tgt Ion:180 Resp: 32100
Ion Ratio Lower Upper
180 100
182 96.1 0.0 193.4
145 36.9 0.0 64.4

