

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070822\
 Data File : VX029984.D
 Acq On : 08 Jul 2022 19:35
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/11/2022
 Supervised By : Mahesh Dadoda 07/11/2022

Quant Time: Jul 09 02:21:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X070822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 09 02:10:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.910	128	30960	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	171379	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	154561	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	71087	28.159	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	93.867%	
60) 4-Bromofluorobenzene	11.085	95	84017	28.844	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	96.133%	
63) Toluene-d8	8.653	98	249292	29.745	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	99.133%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	41692	19.693	ug/l	97
3) Chloromethane	1.288	50	41091	18.613	ug/l	100
4) Vinyl Chloride	1.374	62	46567	18.615	ug/l	99
5) Bromomethane	1.605	94	16417	15.928	ug/l	95
6) Chloroethane	1.685	64	26641	19.886	ug/l	99
7) Trichlorofluoromethane	1.886	101	61174	19.291	ug/l	99
8) Diethyl Ether	2.136	74	25439	18.861	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	40634	19.031	ug/l	96
10) 1,1-Dichloroethene	2.319	96	41890	19.214	ug/l	92
11) Methyl Iodide	2.453	142	19967	16.376	ug/l	91
12) Methyl Acetate	2.709	43	70085	19.738	ug/l	93
13) Acrolein	2.239	56	27720	66.454	ug/l	100
14) Acrylonitrile	3.069	53	151161	98.915	ug/l	97
15) Acetone	2.386	58	41268	99.414	ug/l	90
16) Carbon Disulfide	2.514	76	105512	18.539	ug/l	100
17) Allyl chloride	2.666	41	70435	18.332	ug/l	97
18) Methylene Chloride	2.788	84	48181	18.968	ug/l	98
19) trans-1,2-Dichloroethene	3.093	96	44370	18.753	ug/l	91
20) Diisopropyl ether	3.764	45	146401	19.021	ug/l	92
21) 1,1-Dichloroethane	3.611	63	78178	18.867	ug/l	99
22) cis-1,2-Dichloroethene	4.495	96	53049	18.883	ug/l	97
23) tert-Butyl Alcohol	2.977	59	68616	98.011	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	134055	19.059	ug/l	98
25) Chloroform	5.099	83	79211	19.181	ug/l	99
26) Cyclohexane	5.471	56	72091	18.778	ug/l #	94
29) 1,1-Dichloropropene	5.696	75	59478	20.288	ug/l	98
30) 2-Butanone	4.562	43	203895	103.038	ug/l	100
31) 2,2-Dichloropropane	4.483	77	45172	16.121	ug/l #	89
32) 1,1,1-Trichloroethane	5.391	97	62852	19.938	ug/l	98
33) Carbon Tetrachloride	5.684	117	52835	19.955	ug/l	98
34) Benzene	6.044	78	190929	20.266	ug/l	99
35) Methacrylonitrile	4.928	41	40593	20.266	ug/l	92
36) 1,2-Dichloroethane	6.092	62	57375	20.005	ug/l	97
37) Trichloroethene	7.129	130	51099	20.280	ug/l	98
38) Methylcyclohexane	7.385	83	76178	20.025	ug/l	95
39) 1,2-Dichloropropane	7.434	63	47690	19.885	ug/l	93
40) Dibromomethane	7.586	93	33379	20.533	ug/l	91
41) Bromodichloromethane	7.824	83	57184	19.692	ug/l	100
42) Vinyl Acetate	3.727	43	633258	100.069	ug/l	98

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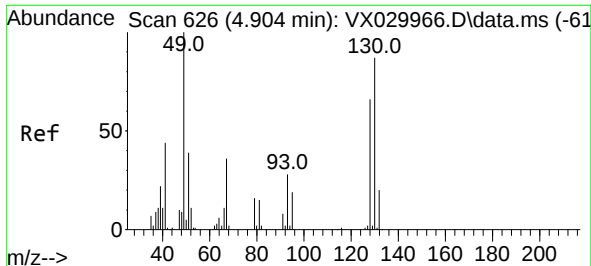
Manual Integrations
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 Supervised By : Mahesh Dadoda 07/11/2022

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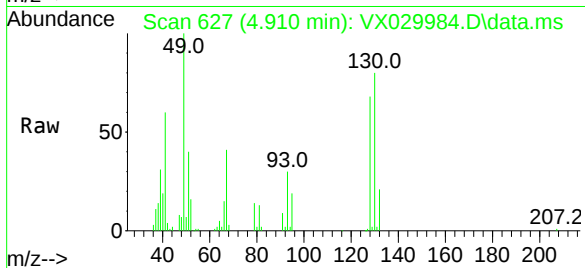
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	76706	20.578	ug/l	99
44) Isopropyl Acetate	6.348	43	114449	20.211	ug/l	98
45) 1,4-Dioxane	7.678	88	27581	414.913	ug/l	98
46) Methyl methacrylate	7.696	41	53933	20.098	ug/l	98
47) n-amyl Acetate	10.848	43	92459	19.007	ug/l	98
48) t-1,3-Dichloropropene	8.982	75	59227	18.456	ug/l	99
49) cis-1,3-Dichloropropene	8.373	75	68461	18.998	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	48008	19.934	ug/l	95
51) Ethyl methacrylate	9.116	69	73877	19.712	ug/l	94
52) 1,3-Dichloropropane	9.311	76	79566	20.538	ug/l	99
53) Dibromochloromethane	9.525	129	43659	19.585	ug/l	100
54) 1,2-Dibromoethane	9.610	107	50535	20.206	ug/l	99
55) 2-Chloroethyl vinyl ether	8.245	63	193855	100.343	ug/l	96
56) Bromoform	10.799	173	29657	19.005	ug/l	97
58) 4-Methyl-2-Pentanone	8.574	43	388814	101.843	ug/l	99
59) 2-Hexanone	9.433	43	300286	101.693	ug/l	99
61) Tetrachloroethene	9.275	164	47339	20.399	ug/l	96
62) Toluene	8.720	91	201194	19.569	ug/l	97
64) Chlorobenzene	10.080	112	122752	19.991	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.165	131	41113	19.202	ug/l	95
66) Ethyl Benzene	10.195	91	217967	19.949	ug/l	100
67) m/p-Xylenes	10.305	106	170995	40.331	ug/l	97
68) o-Xylene	10.647	106	84946	20.120	ug/l	97
69) Styrene	10.659	104	139630	19.985	ug/l	97
70) Isopropylbenzene	10.964	105	210959	19.845	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	75836	19.618	ug/l	99
72) 1,2,3-Trichloropropane	11.244	75	67542m	19.438	ug/l	
73) Bromobenzene	11.201	156	49888	19.571	ug/l	93
74) n-propylbenzene	11.305	91	249460	19.563	ug/l	98
75) 2-Chlorotoluene	11.366	91	145247	19.342	ug/l	97
76) 1,3,5-Trimethylbenzene	11.451	105	176994	19.831	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	19901	16.651	ug/l	84
78) 4-Chlorotoluene	11.457	91	161540	19.167	ug/l	96
79) tert-butylbenzene	11.720	119	168937	19.457	ug/l	98
80) 1,2,4-Trimethylbenzene	11.756	105	172277	18.776	ug/l	98
81) sec-Butylbenzene	11.890	105	221135	18.816	ug/l	98
82) p-Isopropyltoluene	12.012	119	179829	19.007	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	94359	19.133	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	93795	18.753	ug/l	100
85) n-Butylbenzene	12.335	91	155985	17.569	ug/l	96
86) Hexachloroethane	12.543	117	27220	17.316	ug/l	89
87) 1,2-Dichlorobenzene	12.335	146	95494	19.609	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	15658	17.761	ug/l	98
89) 1,2,4-Trichlorobenzene	13.591	180	56599	18.771	ug/l	99
90) Hexachlorobutadiene	13.725	225	21488	18.791	ug/l	98
91) Naphthalene	13.774	128	227210	18.905	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	59685	19.433	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

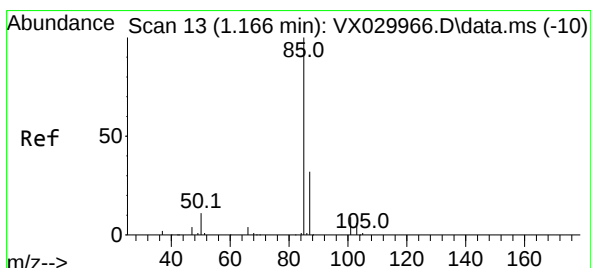
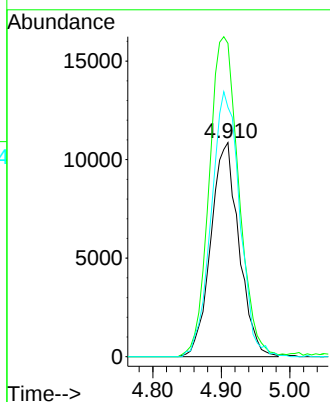
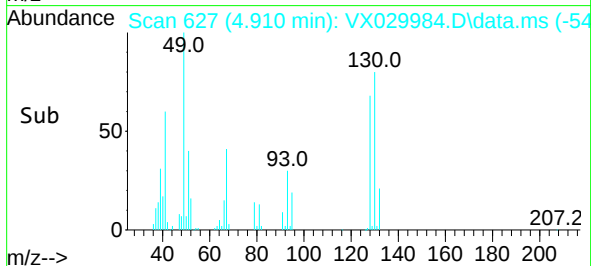
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 30960
Ion Ratio Lower Upper
128 100
49 157.1 0.0 358.3
130 125.8 0.0 319.3

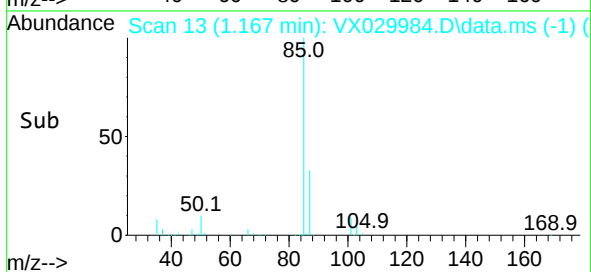
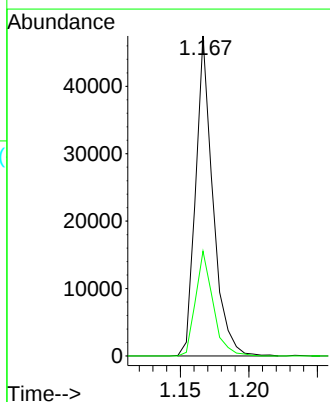
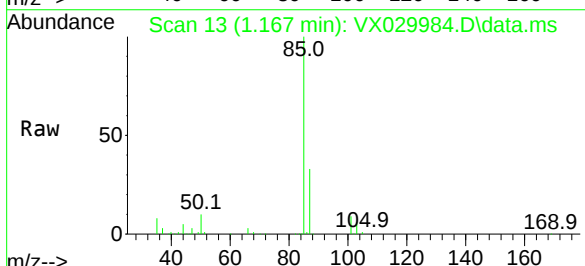
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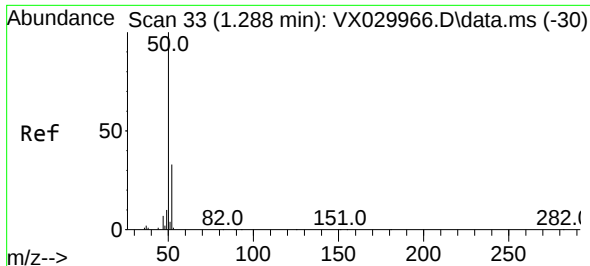
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#2
Dichlorodifluoromethane
Concen: 19.693 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

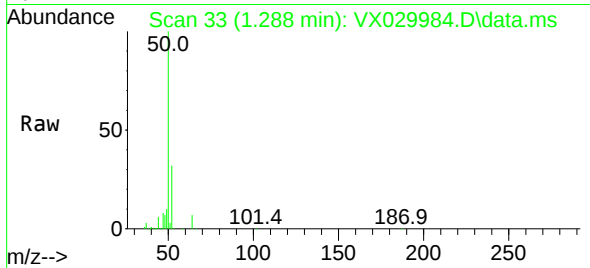
Tgt Ion: 85 Resp: 41692
Ion Ratio Lower Upper
85 100
87 32.7 15.6 46.8





#3
Chloromethane
Concen: 18.613 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

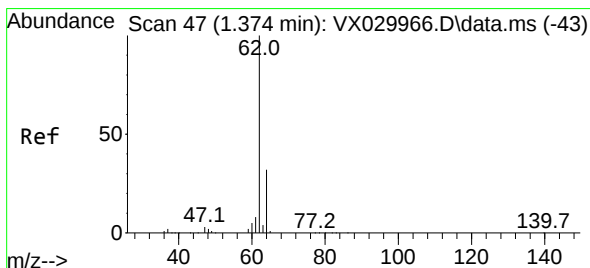
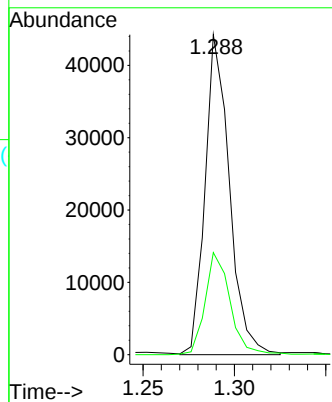
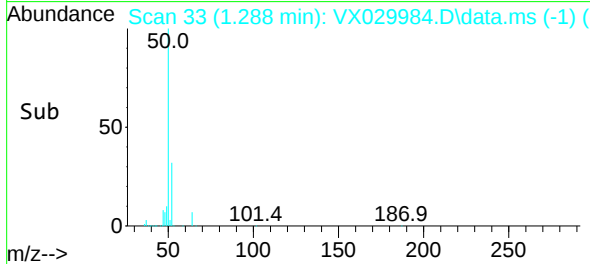
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 50 Resp: 4109
Ion Ratio Lower Upper
50 100
52 31.8 25.6 38.4

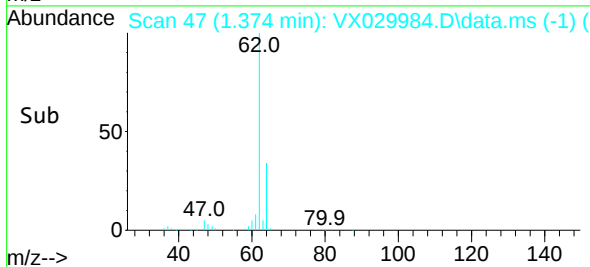
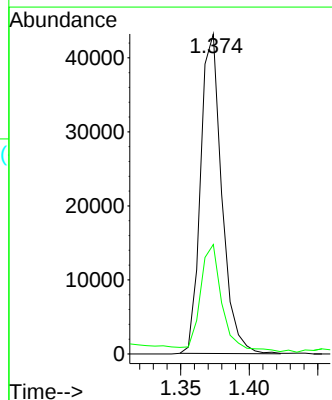
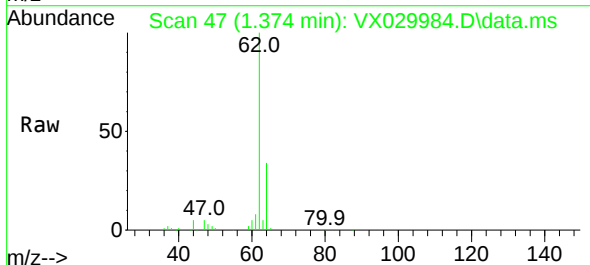
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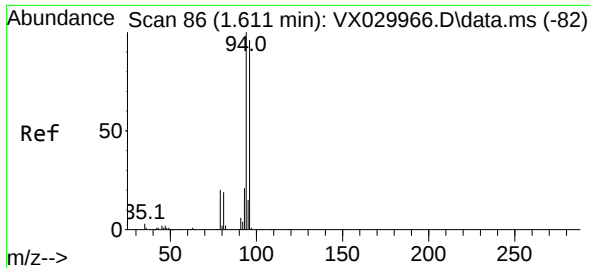
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#4
Vinyl Chloride
Concen: 18.615 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

Tgt Ion: 62 Resp: 46567
Ion Ratio Lower Upper
62 100
64 33.5 26.2 39.2





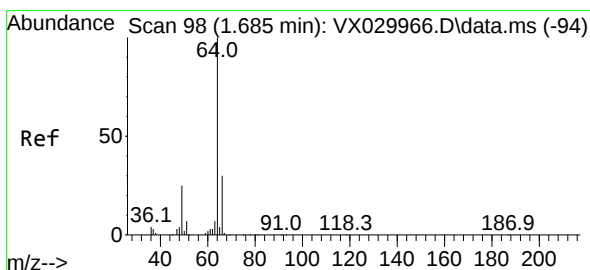
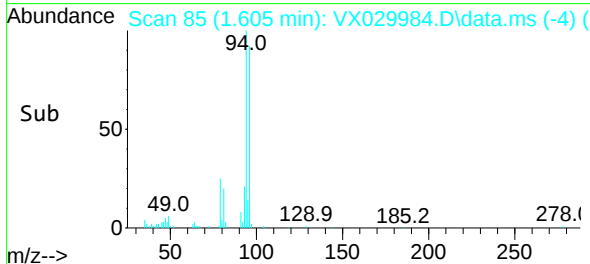
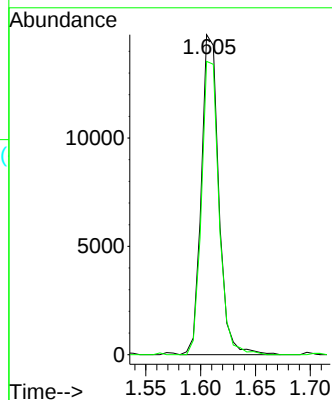
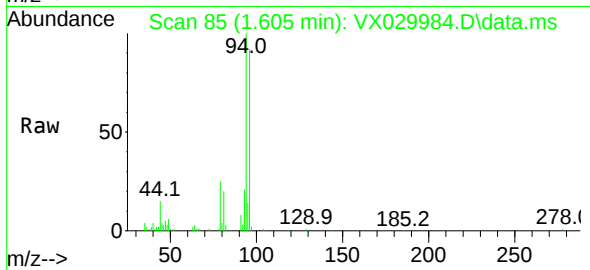
#5
Bromomethane
Concen: 15.928 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 1641
Ion Ratio Lower Upper
94 100
96 91.7 77.0 115.6

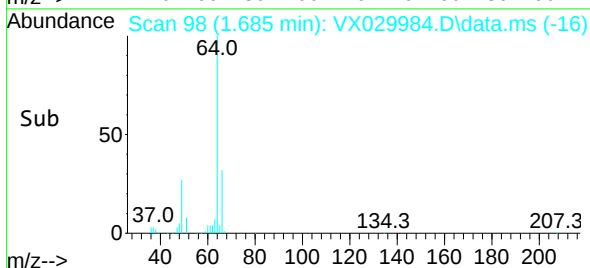
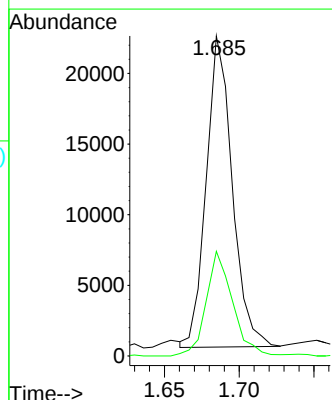
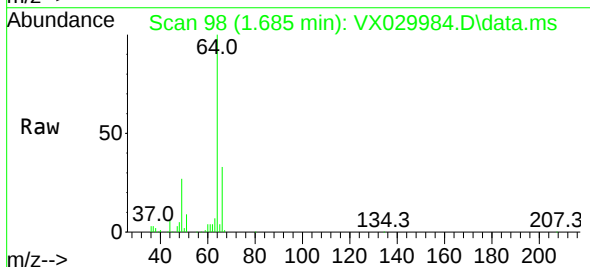
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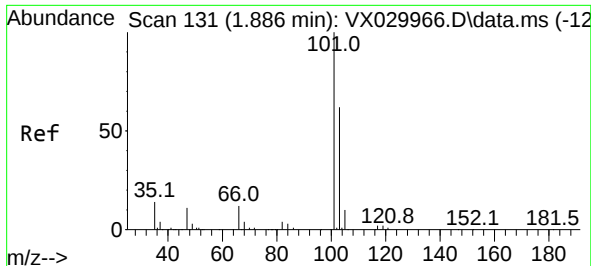
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#6
Chloroethane
Concen: 19.886 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

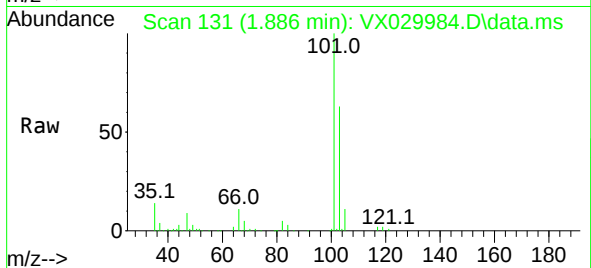
Tgt Ion: 64 Resp: 26641
Ion Ratio Lower Upper
64 100
66 33.3 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 19.291 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029984.D
 Acq: 08 Jul 2022 19:35

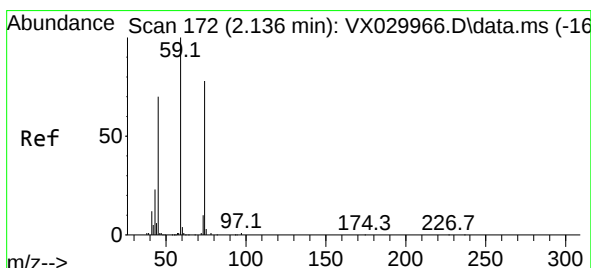
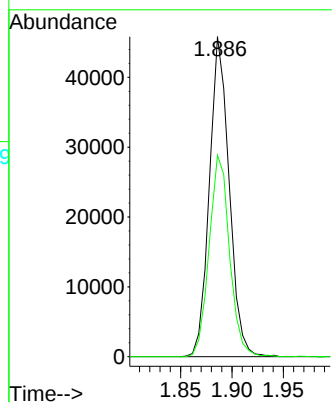
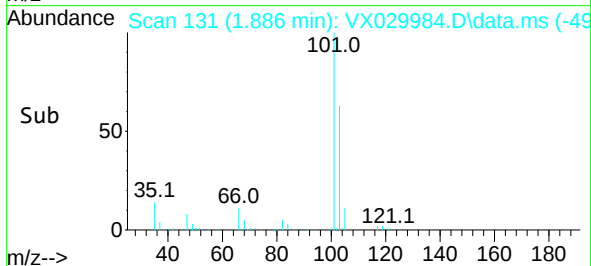
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Tgt Ion:101 Resp: 61174
 Ion Ratio Lower Upper
 101 100
 103 63.0 49.6 74.4

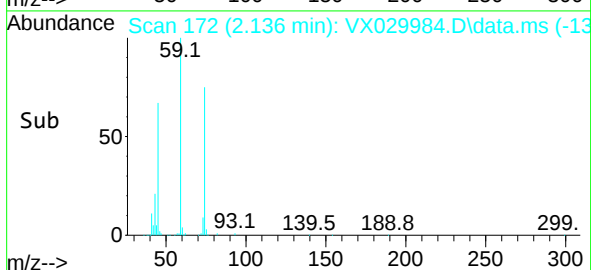
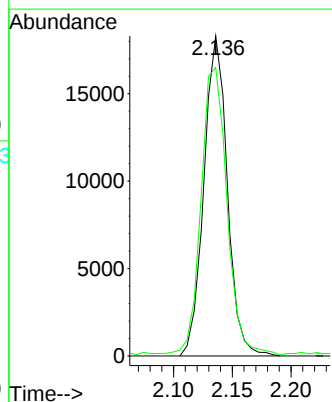
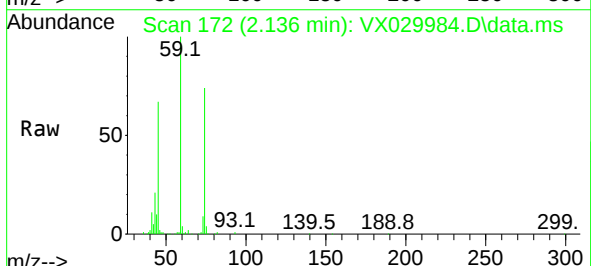
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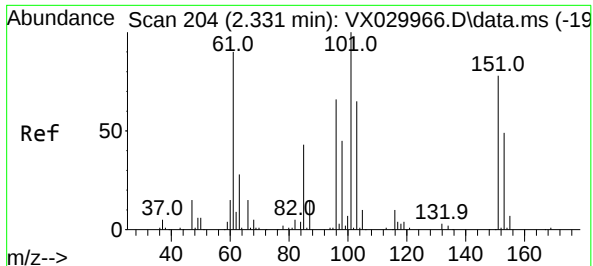
Reviewed By :John Carlone 07/11/2022
 Supervised By :Mahesh Dadoda 07/11/2022



#8
 Diethyl Ether
 Concen: 18.861 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX029984.D
 Acq: 08 Jul 2022 19:35

Tgt Ion: 74 Resp: 25439
 Ion Ratio Lower Upper
 74 100
 45 99.9 18.7 168.7





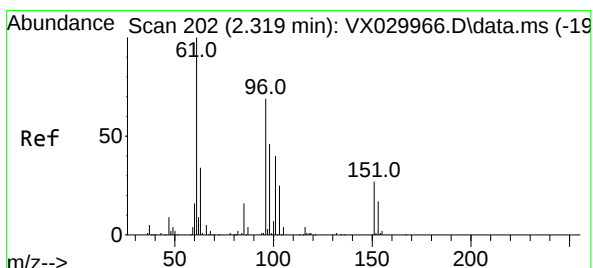
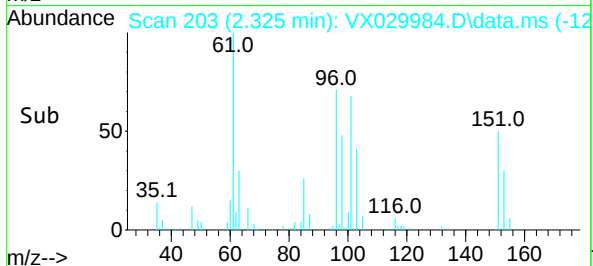
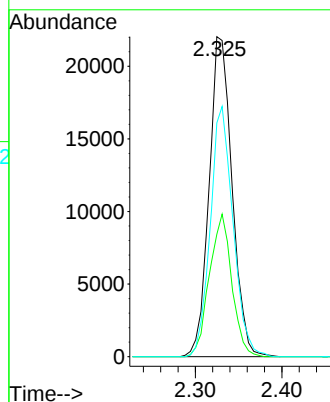
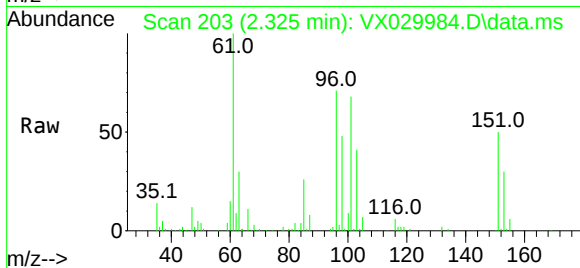
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1,1,2-Trichlorotrifluoroethane
Concen: 19.031 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

Instrument :
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ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 40634
Ion Ratio Lower Upper
101 100
85 43.4 0.0 84.6
151 77.5 0.0 165.4

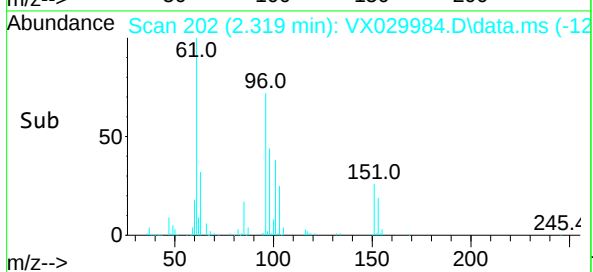
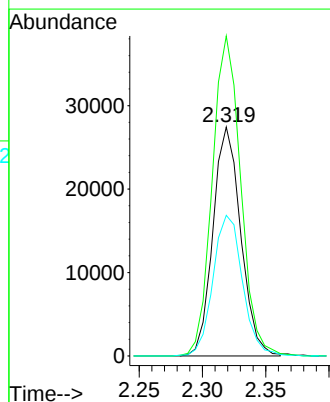
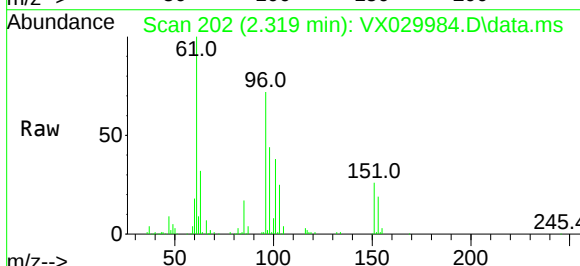
Manual Integrations
APPROVED

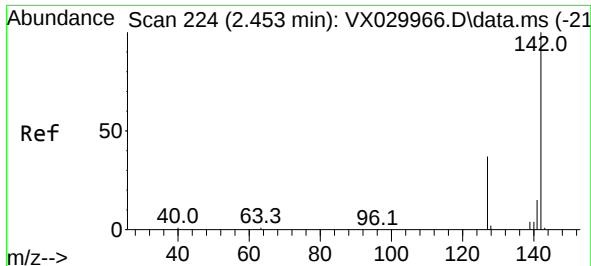
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#10
1,1-Dichloroethene
Concen: 19.214 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

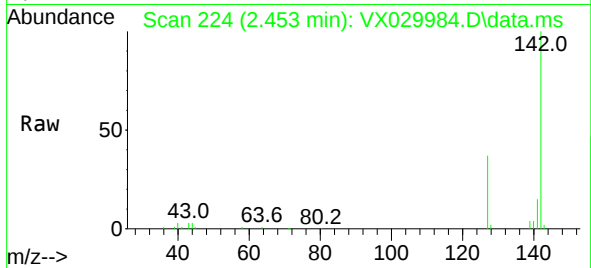
Tgt Ion: 96 Resp: 41890
Ion Ratio Lower Upper
96 100
61 139.5 122.6 183.8
98 61.1 50.1 75.1





#11
Methyl Iodide
Concen: 16.376 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

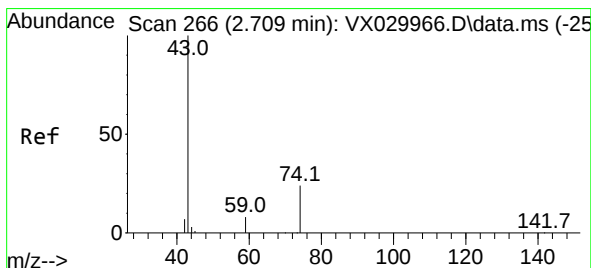
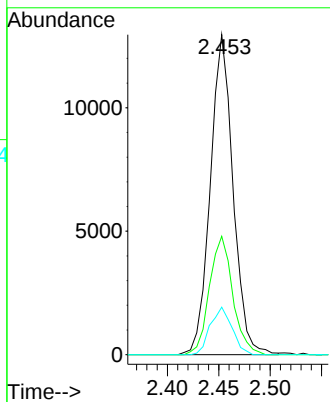
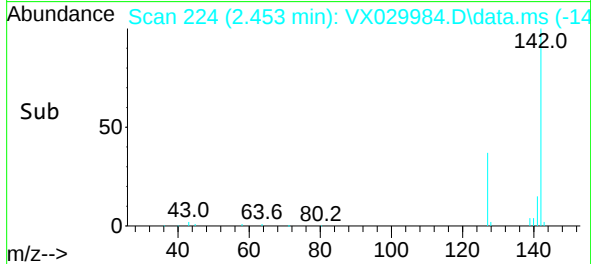
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 1996
Ion Ratio Lower Upper
142 100
127 37.1 22.3 66.9
141 14.9 7.0 20.9

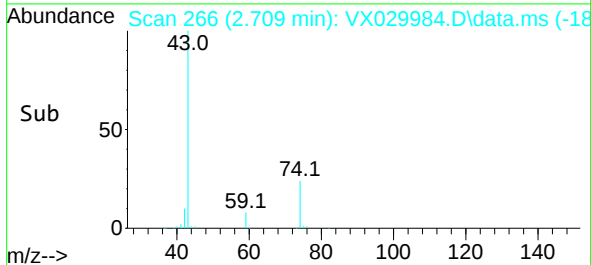
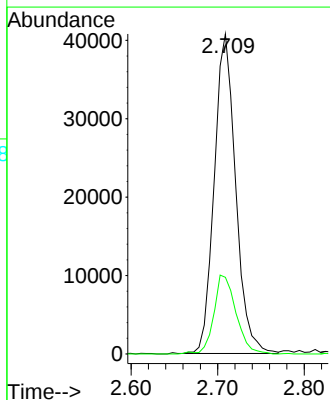
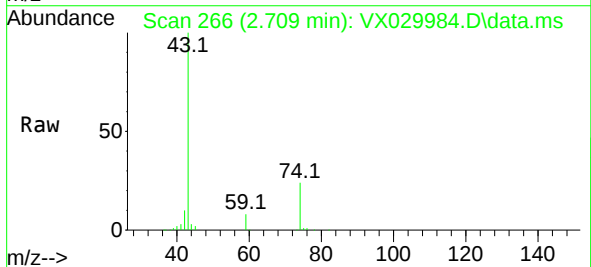
Manual Integrations
APPROVED

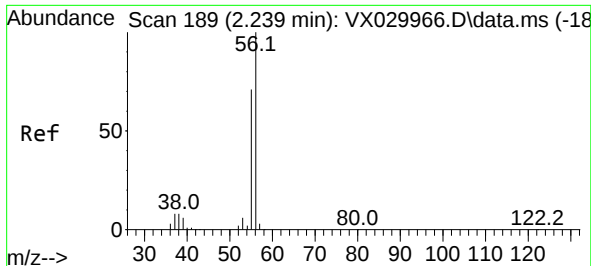
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#12
Methyl Acetate
Concen: 19.738 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

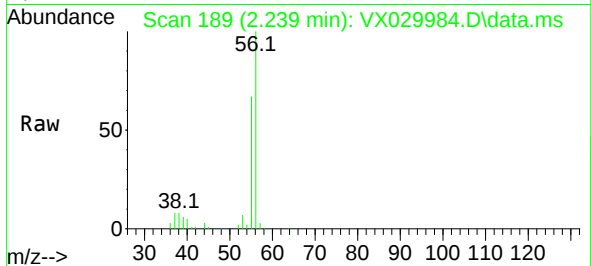
Tgt Ion: 43 Resp: 70085
Ion Ratio Lower Upper
43 100
74 24.0 22.1 33.1





#13
Acrolein
Concen: 66.454 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

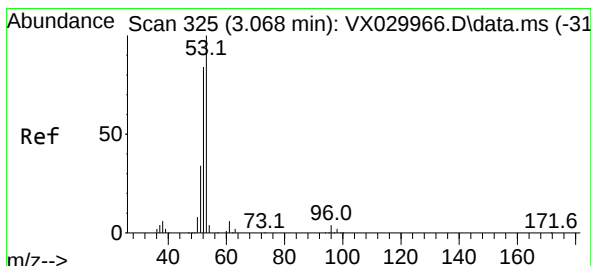
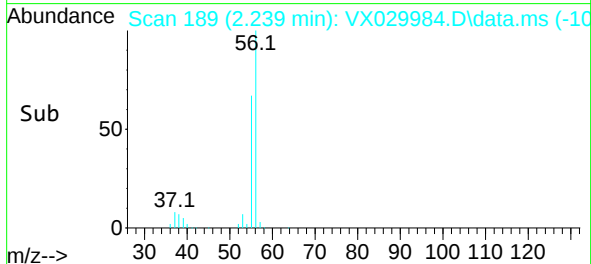
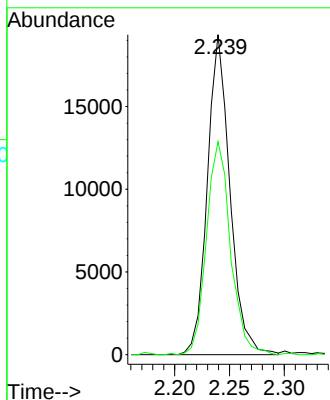
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 56 Resp: 27720
Ion Ratio Lower Upper
56 100
55 70.8 56.4 84.6

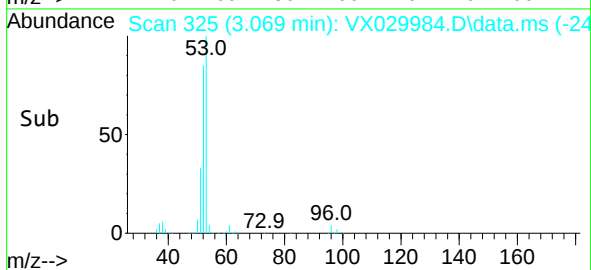
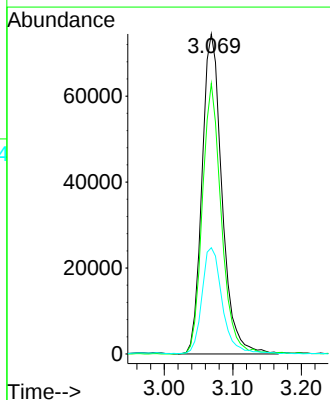
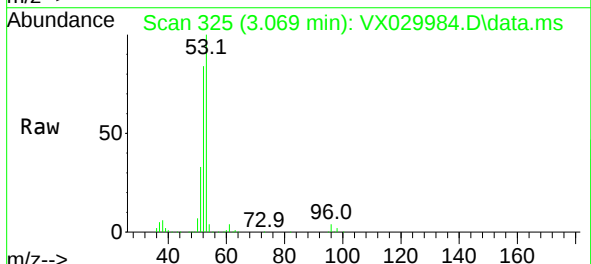
Manual Integrations
APPROVED

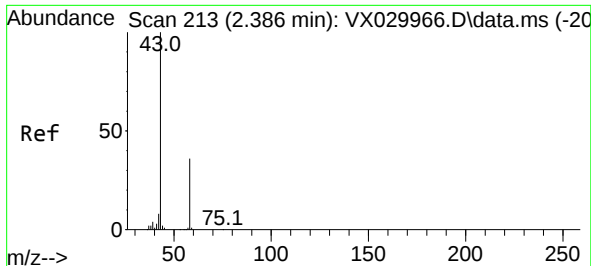
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#14
Acrylonitrile
Concen: 98.915 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

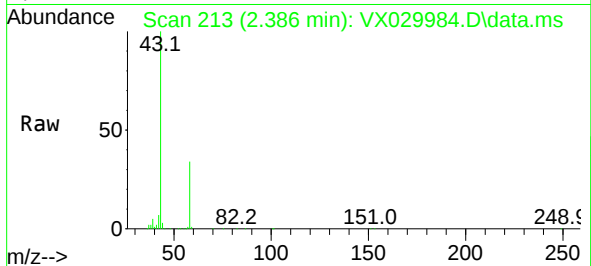
Tgt Ion: 53 Resp: 151161
Ion Ratio Lower Upper
53 100
52 80.3 41.5 124.5
51 34.1 18.1 54.4





#15
Acetone
Concen: 99.414 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

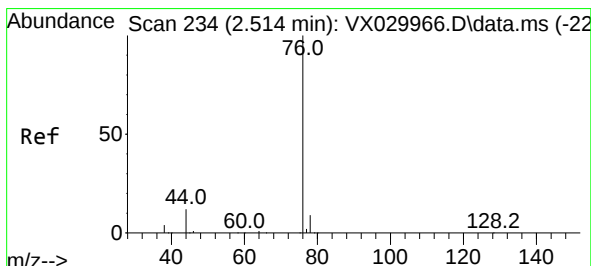
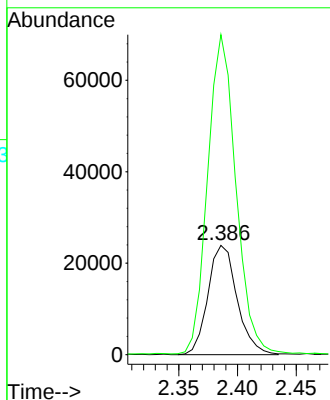
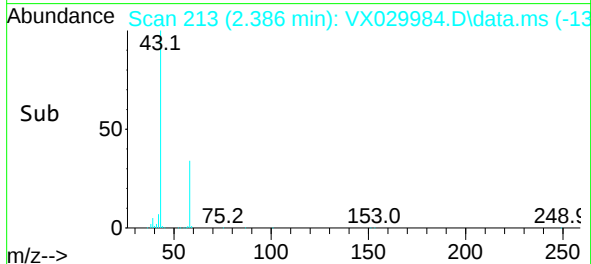
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



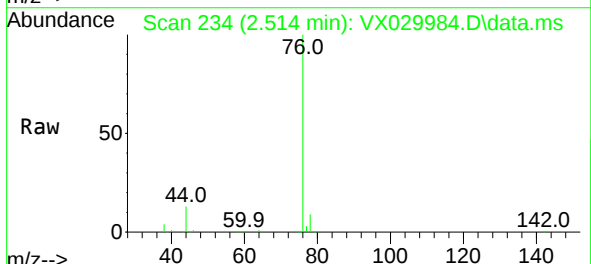
Tgt Ion: 58 Resp: 41268
Ion Ratio Lower Upper
58 100
43 291.8 250.2 375.2

Manual Integrations
APPROVED

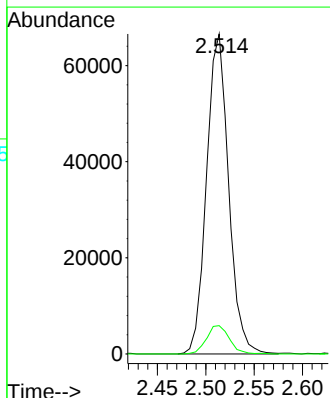
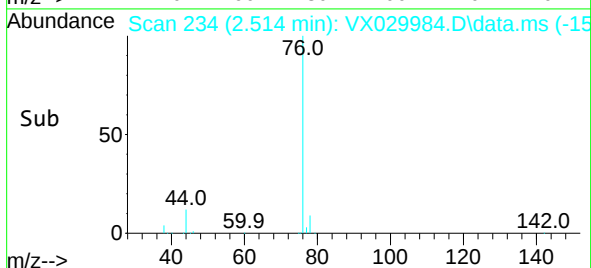
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

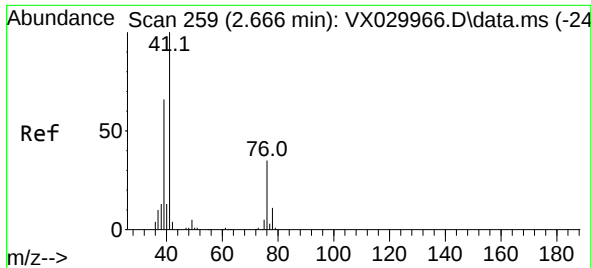


#16
Carbon Disulfide
Concen: 18.539 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35



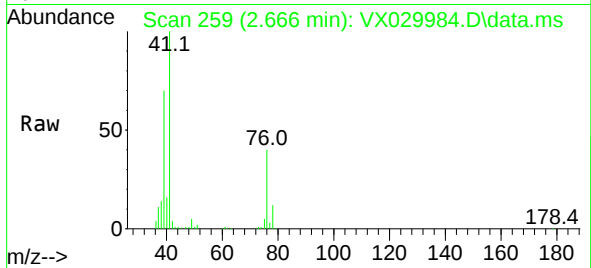
Tgt Ion: 76 Resp: 105512
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7





#17
 Allyl chloride
 Concen: 18.332 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX029984.D
 Acq: 08 Jul 2022 19:35

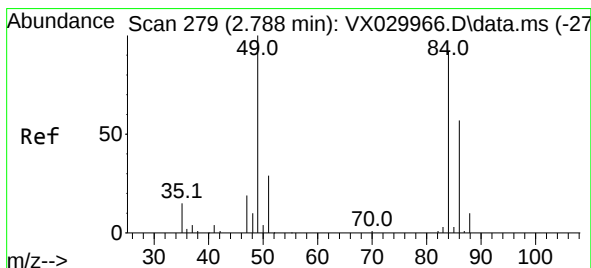
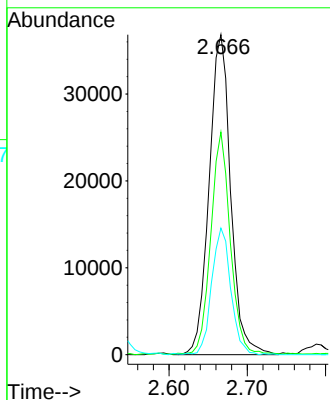
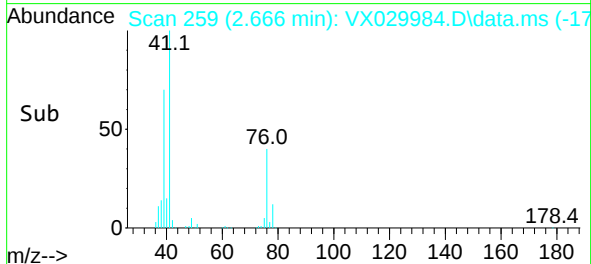
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 41 Resp: 70435
 Ion Ratio Lower Upper
 41 100
 39 69.3 35.4 106.1
 76 39.5 18.4 55.4

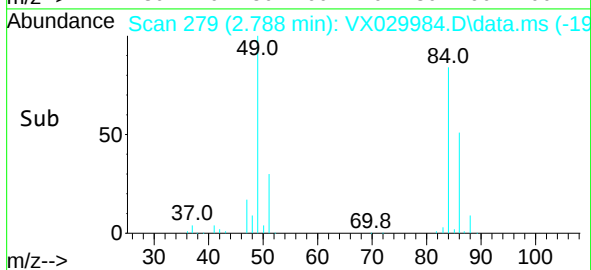
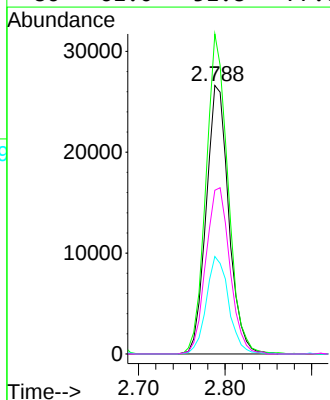
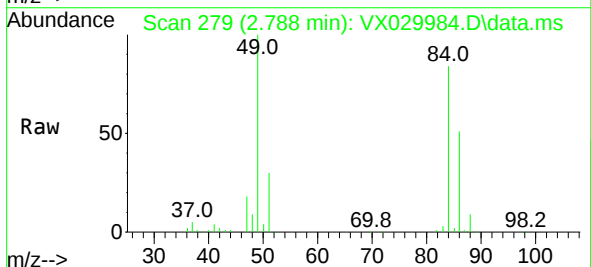
Manual Integrations
 APPROVED

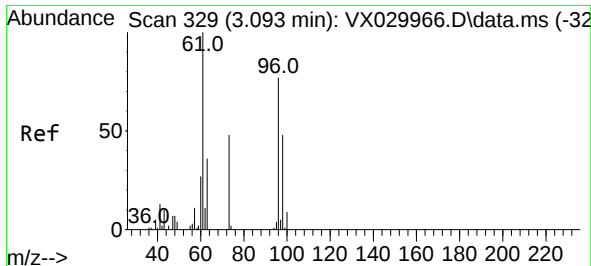
Reviewed By :John Carlone 07/11/2022
 Supervised By :Mahesh Dadoda 07/11/2022



#18
 Methylene Chloride
 Concen: 18.968 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX029984.D
 Acq: 08 Jul 2022 19:35

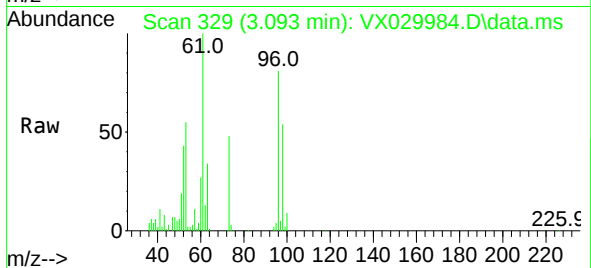
Tgt Ion: 84 Resp: 48181
 Ion Ratio Lower Upper
 84 100
 49 119.2 94.2 141.2
 51 36.3 29.2 43.8
 86 61.0 51.8 77.6





#19
trans-1,2-Dichloroethene
Concen: 18.753 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

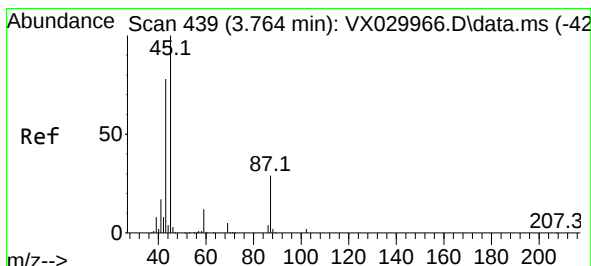
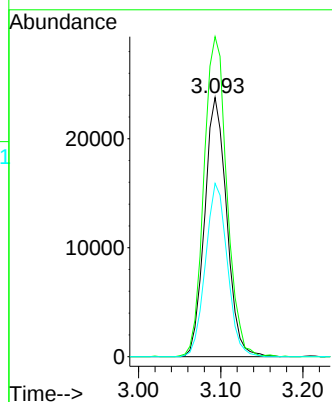
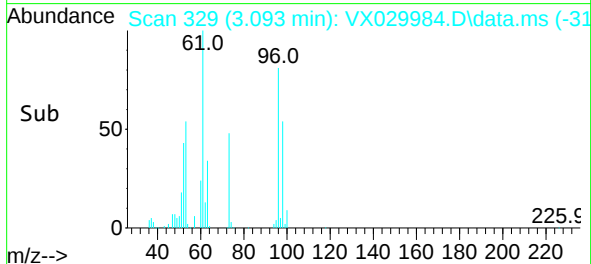
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 44370
Ion Ratio Lower Upper
96 100
61 123.4 108.7 163.1
98 66.8 49.2 73.8

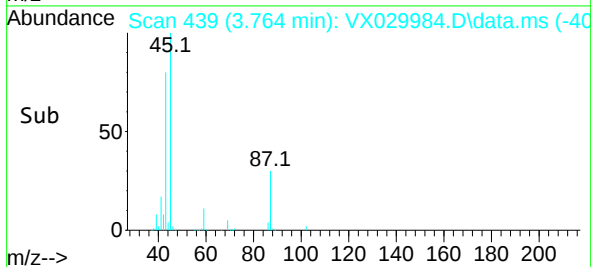
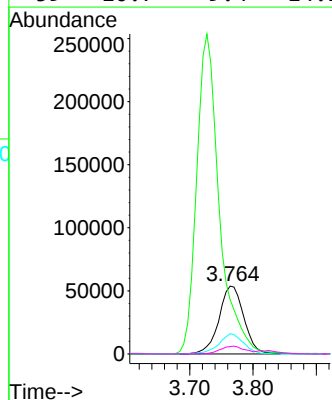
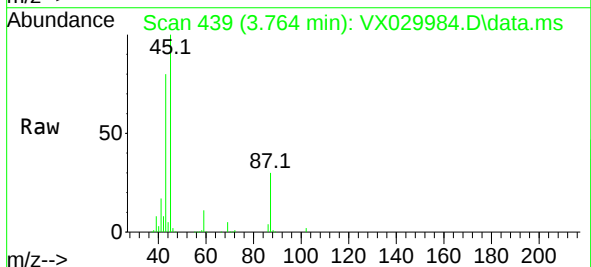
Manual Integrations
APPROVED

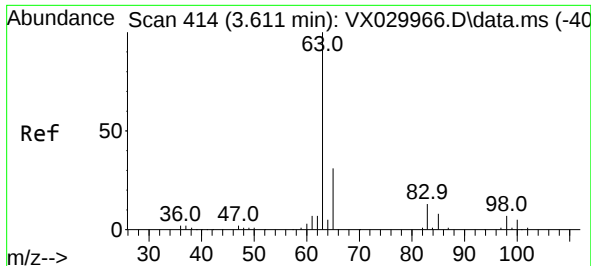
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#20
Diisopropyl ether
Concen: 19.021 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

Tgt Ion: 45 Resp: 146401
Ion Ratio Lower Upper
45 100
43 78.2 70.3 105.5
87 30.0 24.5 36.7
59 10.7 9.4 14.2





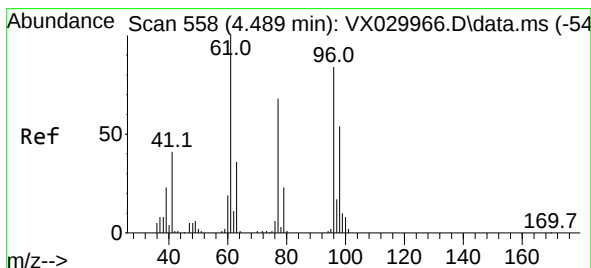
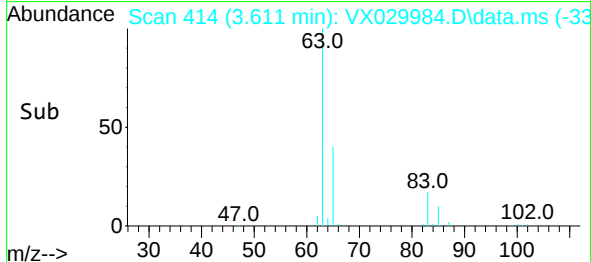
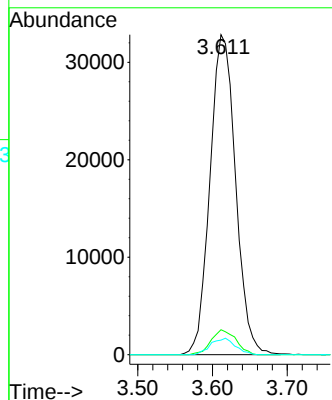
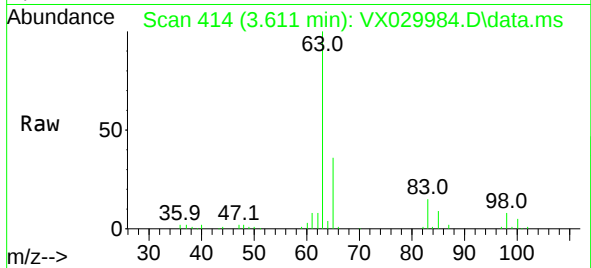
#21
1,1-Dichloroethane
Concen: 18.867 ug/l
RT: 3.611 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 78178
Ion Ratio Lower Upper
63 100
98 7.8 3.8 11.2
100 4.6 2.5 7.5

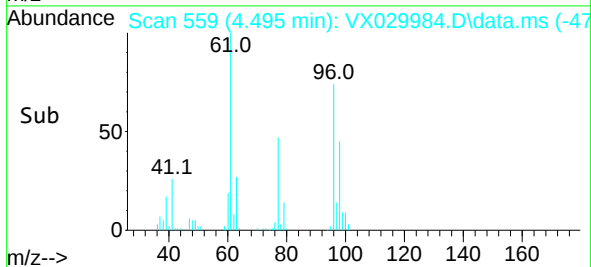
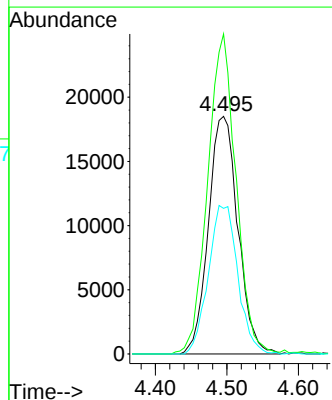
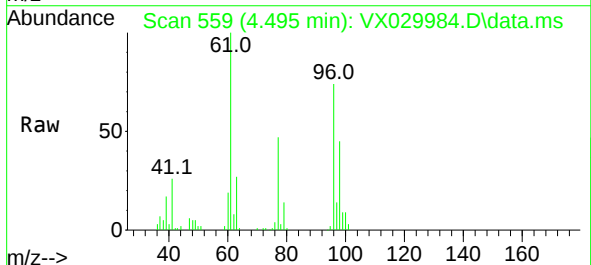
Manual Integrations
APPROVED

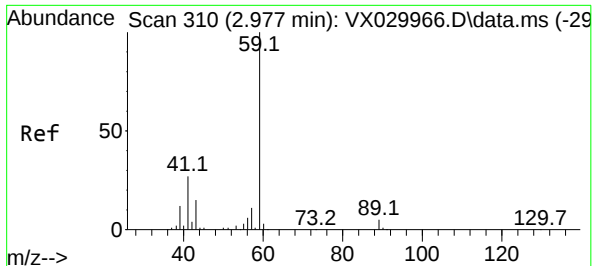
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#22
cis-1,2-Dichloroethene
Concen: 18.883 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

Tgt Ion: 96 Resp: 53049
Ion Ratio Lower Upper
96 100
61 129.4 107.4 161.2
98 62.2 51.1 76.7





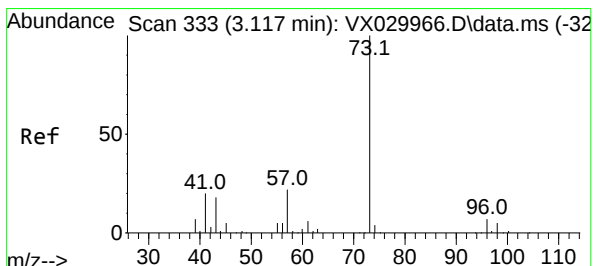
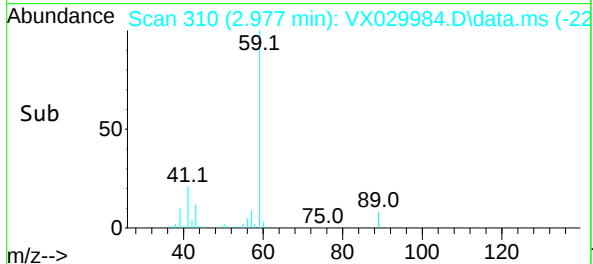
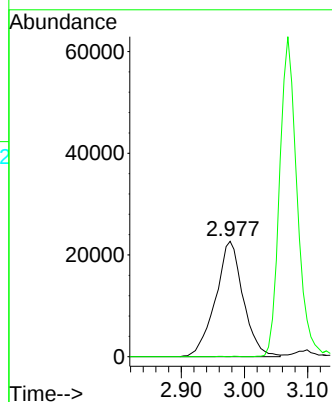
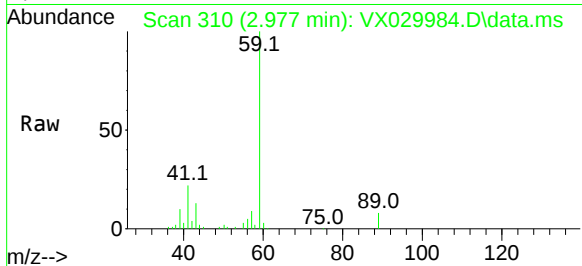
#23
tert-Butyl Alcohol
Concen: 98.011 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 68610
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

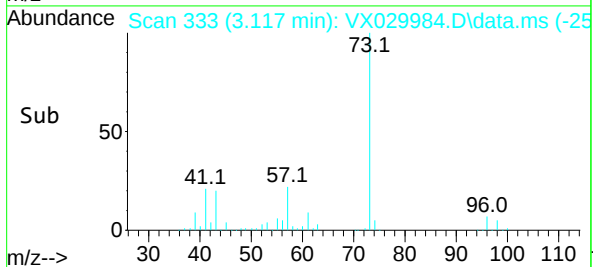
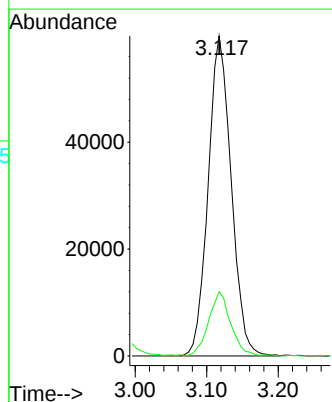
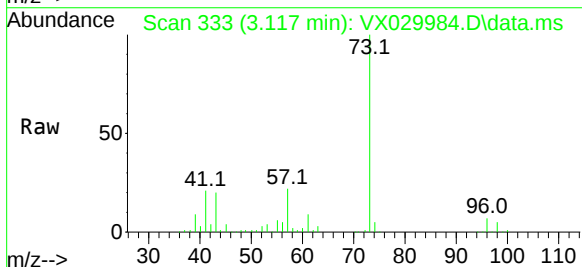
Manual Integrations
APPROVED

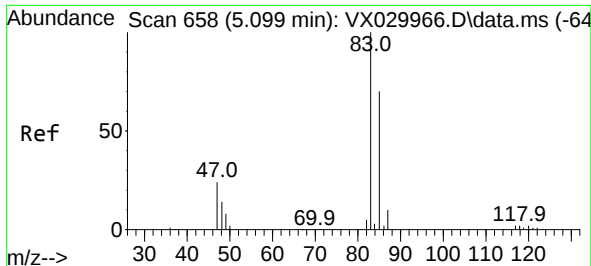
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#24
Methyl tert-Butyl Ether
Concen: 19.059 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

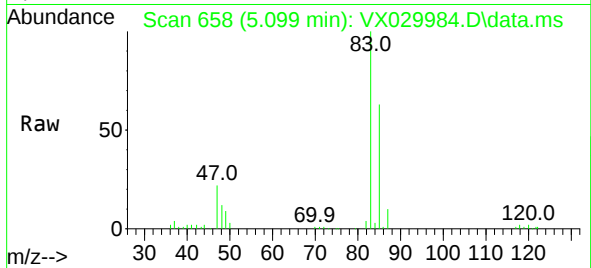
Tgt Ion: 73 Resp: 134055
Ion Ratio Lower Upper
73 100
43 18.9 16.0 24.0





#25
Chloroform
Concen: 19.181 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

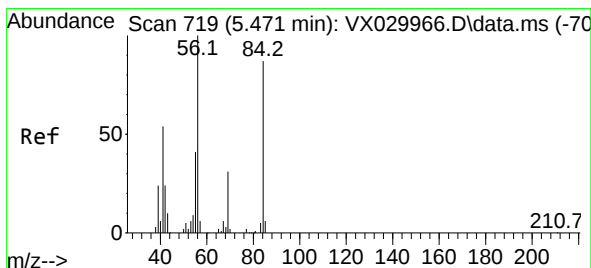
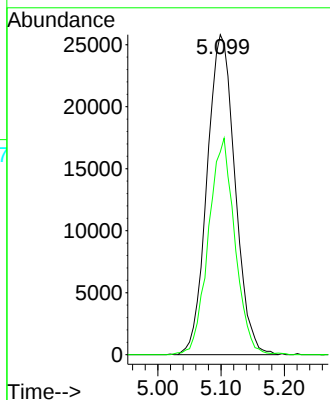
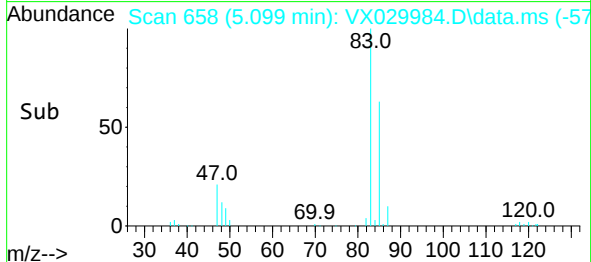
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



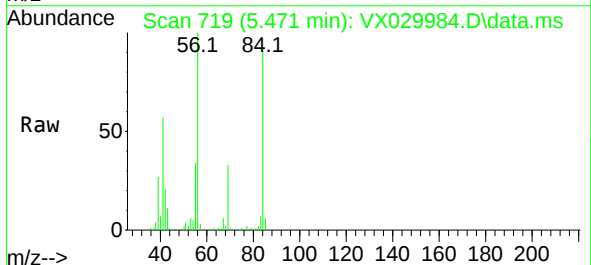
Tgt Ion: 83 Resp: 7921
Ion Ratio Lower Upper
83 100
85 62.8 49.9 74.9

Manual Integrations
APPROVED

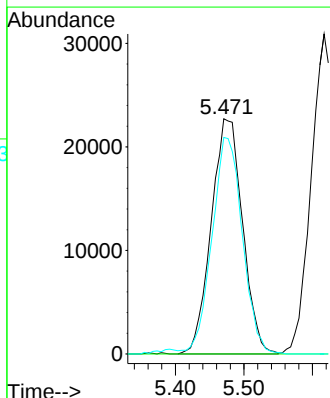
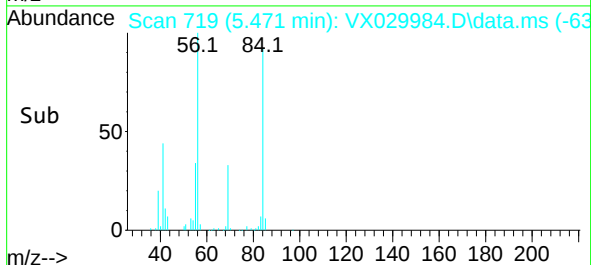
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

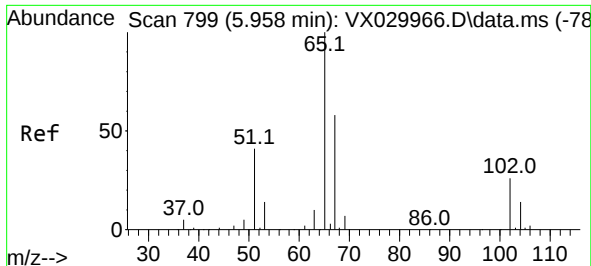


#26
Cyclohexane
Concen: 18.778 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35



Tgt Ion: 56 Resp: 72091
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.3 76.2 114.2





#27

1,2-Dichloroethane-d4

Concen: 28.159 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029984.D

Acq: 08 Jul 2022 19:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 65 Resp: 7108

Ion Ratio Lower Upper

65 100

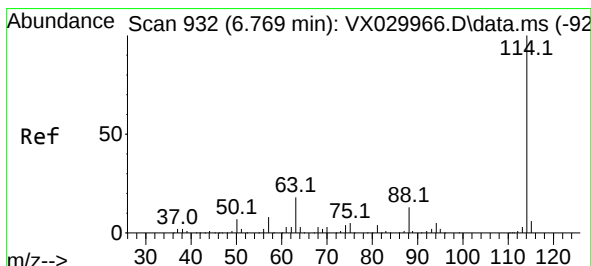
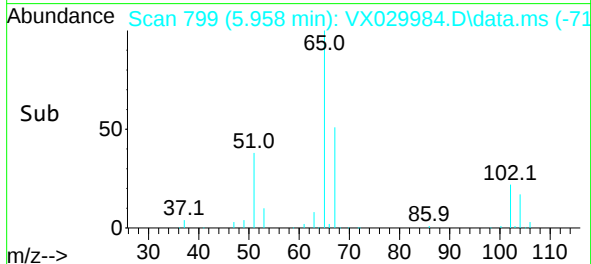
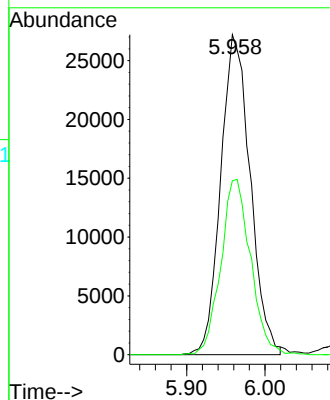
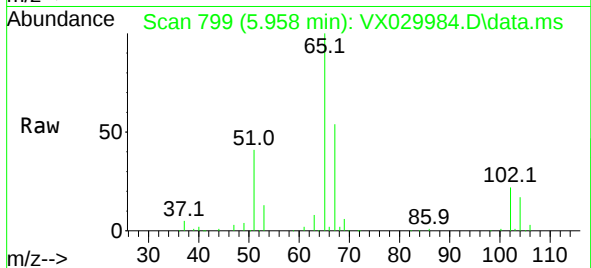
67 55.1 42.3 63.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX029984.D

Acq: 08 Jul 2022 19:35

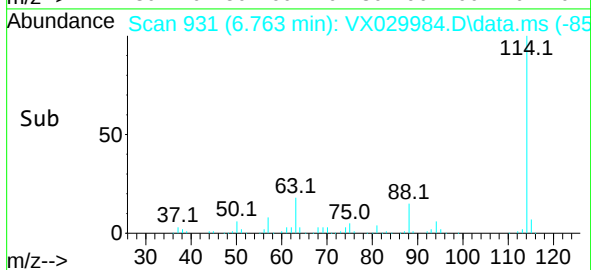
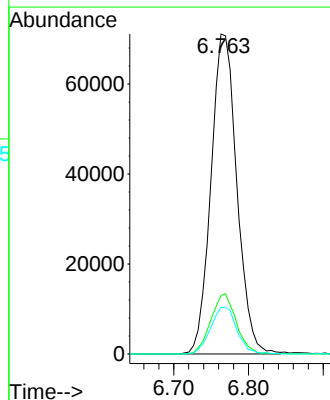
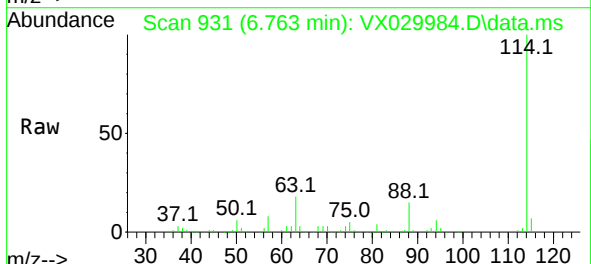
Tgt Ion:114 Resp: 171379

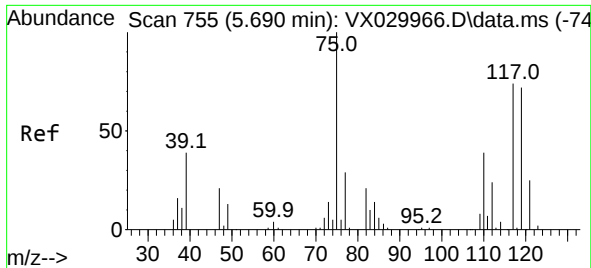
Ion Ratio Lower Upper

114 100

63 18.5 15.3 22.9

88 14.7 12.2 18.4





#29

1,1-Dichloropropene

Concen: 20.288 ug/l

RT: 5.696 min Scan# 755

Delta R.T. 0.006 min

Lab File: VX029984.D

Acq: 08 Jul 2022 19:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

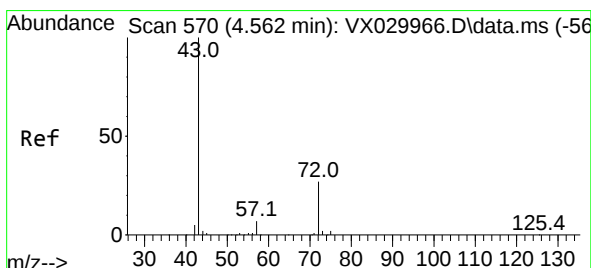
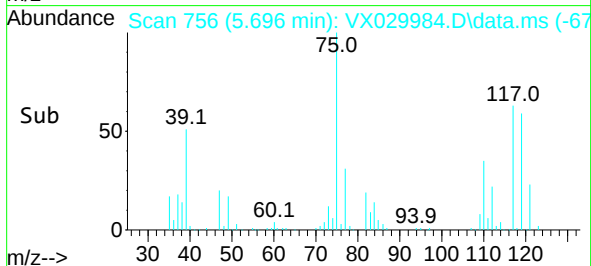
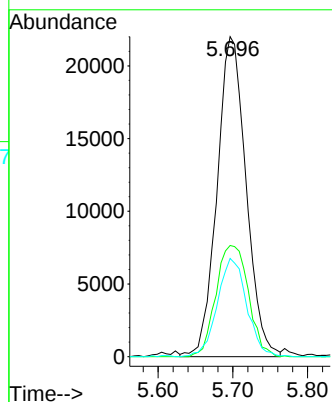
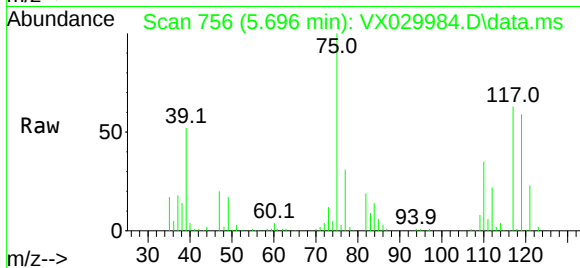
Tgt Ion:	75	Resp:	59478
Ion	Ratio	Lower	Upper
75	100		
110	38.8	0.0	73.6
77	31.1	0.0	62.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#30

2-Butanone

Concen: 103.038 ug/l

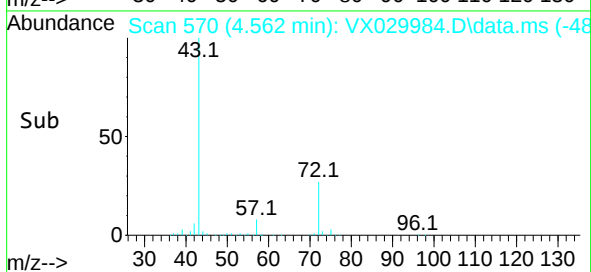
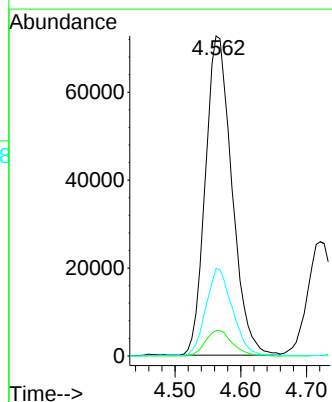
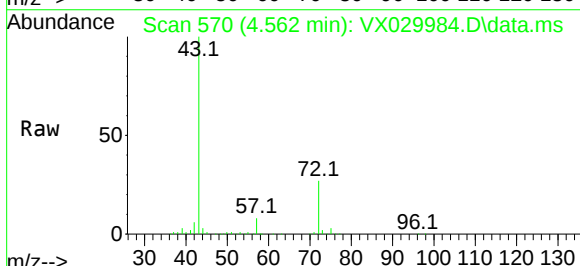
RT: 4.562 min Scan# 570

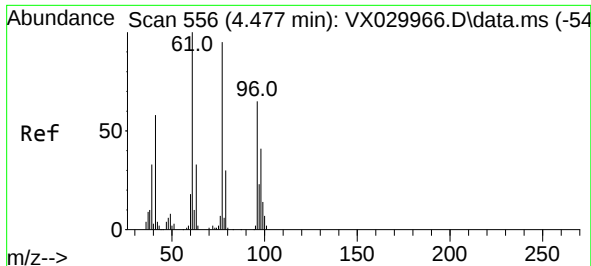
Delta R.T. 0.000 min

Lab File: VX029984.D

Acq: 08 Jul 2022 19:35

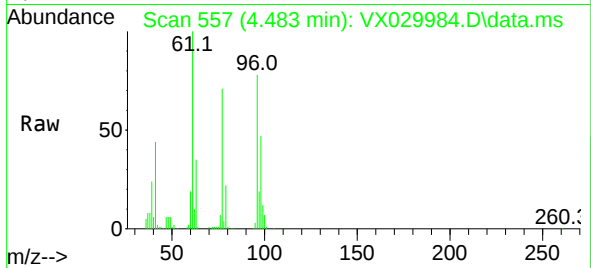
Tgt Ion:	43	Resp:	203895
Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.6	10.0
72	27.4	22.1	33.1





#31
2,2-Dichloropropane
Concen: 16.121 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

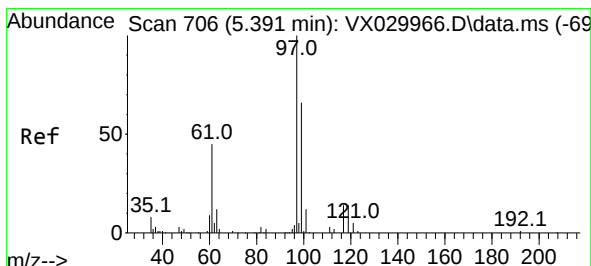
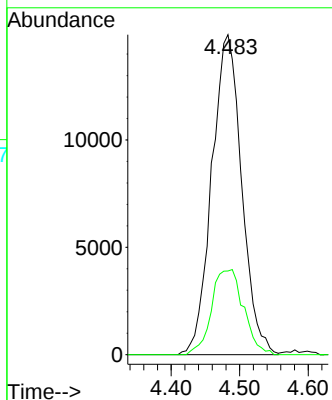
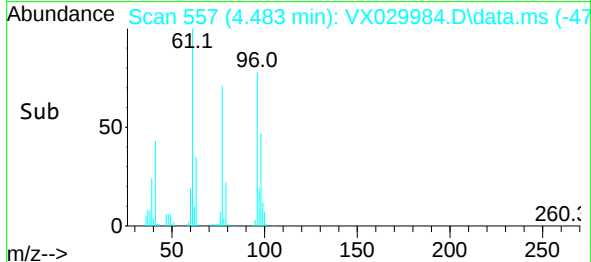
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



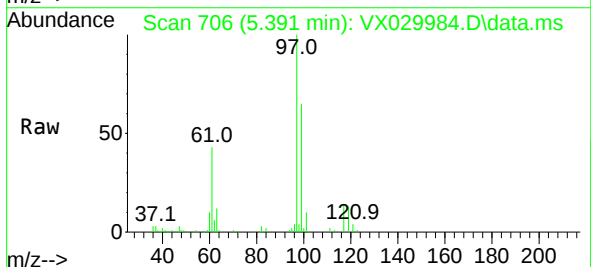
Tgt Ion: 77 Resp: 45172
Ion Ratio Lower Upper
77 100
97 28.4 18.4 27.6

Manual Integrations
APPROVED

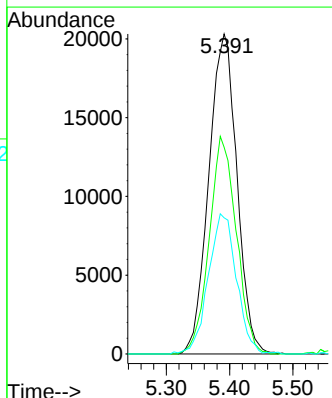
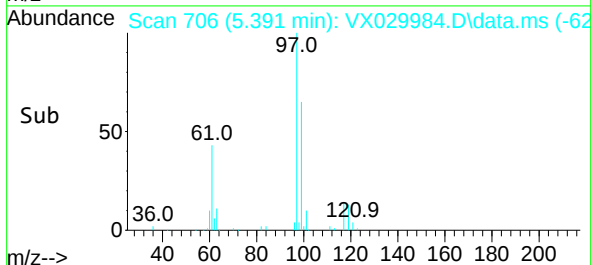
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

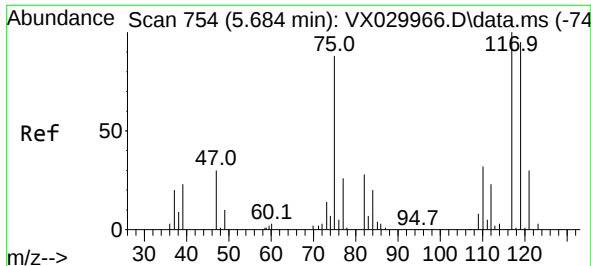


#32
1,1,1-Trichloroethane
Concen: 19.938 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35



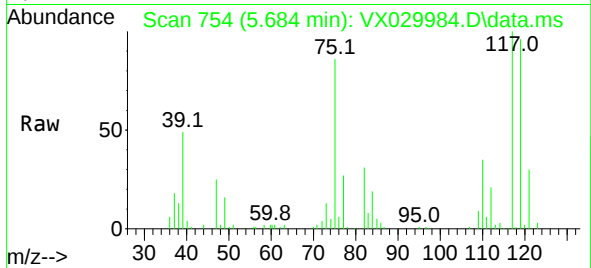
Tgt Ion: 97 Resp: 62852
Ion Ratio Lower Upper
97 100
99 65.5 51.8 77.8
61 43.6 33.4 50.0





#33
Carbon Tetrachloride
Concen: 19.955 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

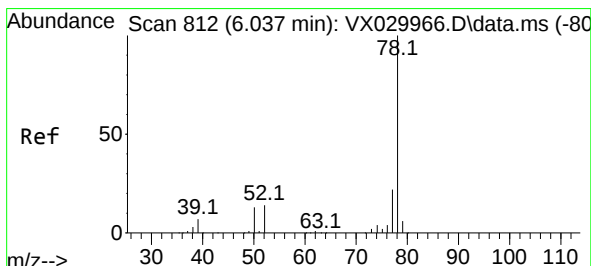
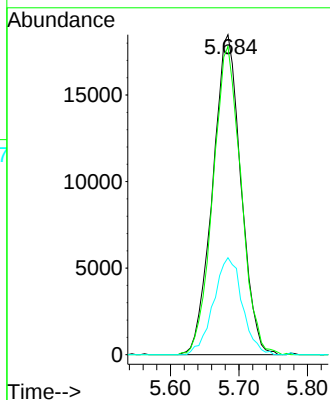
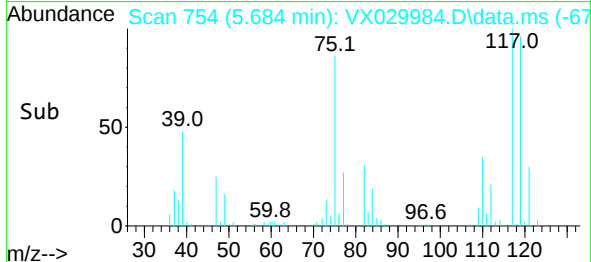
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 5283
Ion Ratio Lower Upper
117 100
119 96.3 75.3 112.9
121 30.3 24.1 36.1

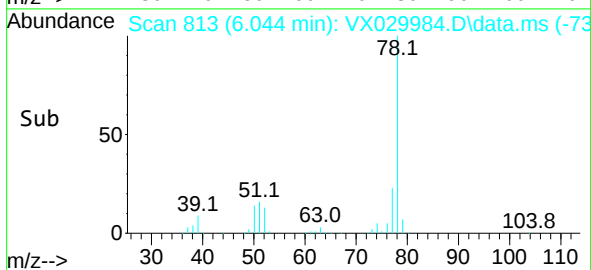
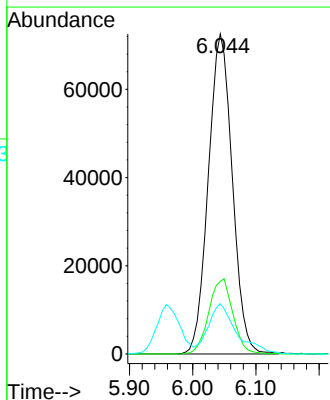
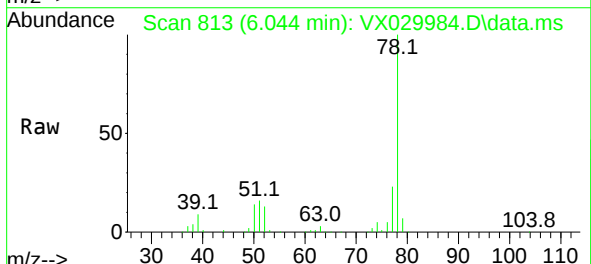
Manual Integrations
APPROVED

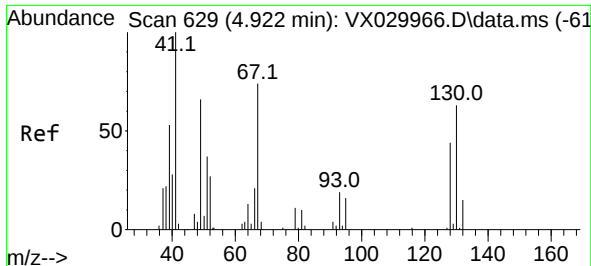
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#34
Benzene
Concen: 20.266 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

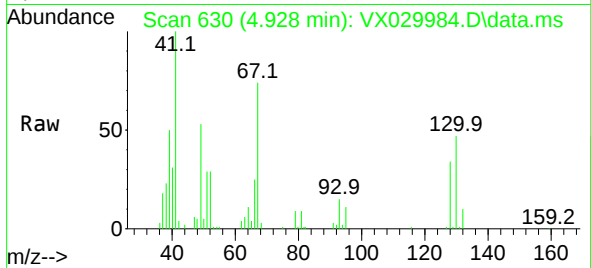
Tgt Ion: 78 Resp: 190929
Ion Ratio Lower Upper
78 100
77 22.7 18.5 27.7
51 15.2 12.9 19.3





#35
Methacrylonitrile
Concen: 20.266 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

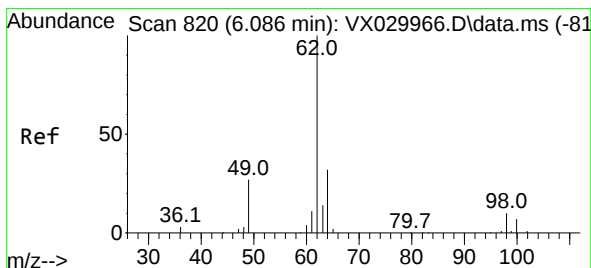
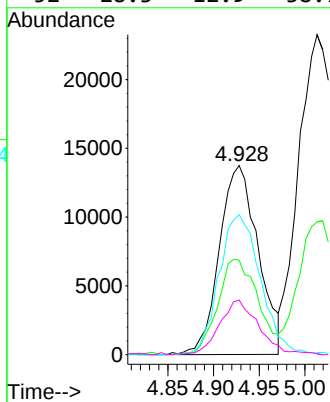
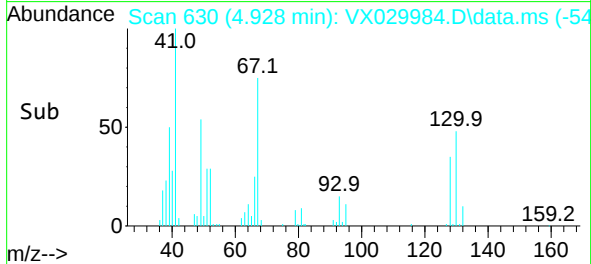
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41 Resp: 4059
Ion Ratio Lower Upper
41 100
39 49.6 27.0 81.0
67 74.4 33.3 99.8
52 28.3 12.9 38.7

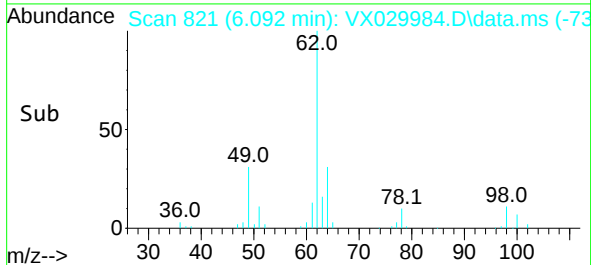
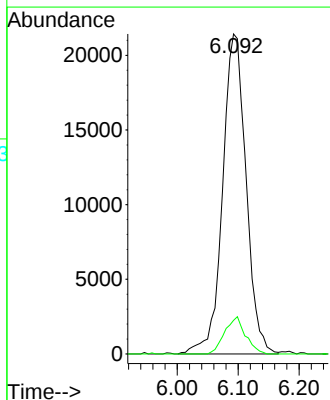
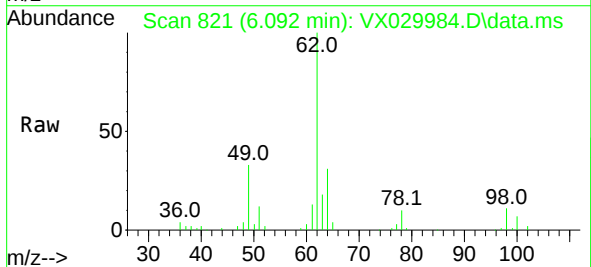
Manual Integrations
APPROVED

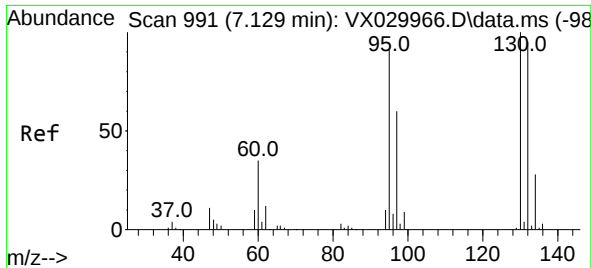
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#36
1,2-Dichloroethane
Concen: 20.005 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

Tgt Ion: 62 Resp: 57375
Ion Ratio Lower Upper
62 100
98 10.3 7.4 11.0





#37

Trichloroethene

Concen: 20.280 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX029984.D

Acq: 08 Jul 2022 19:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:130 Resp: 51099

Ion Ratio Lower Upper

130 100

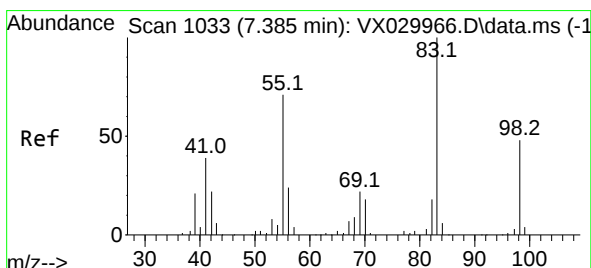
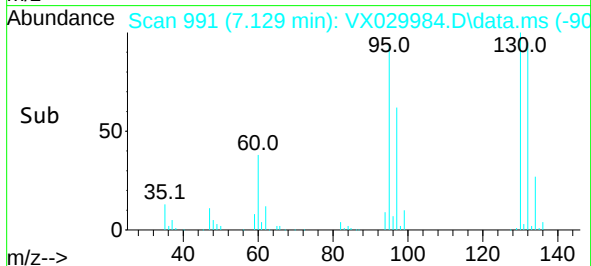
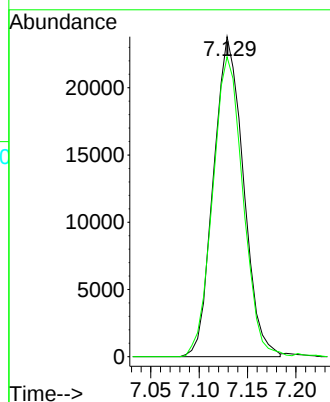
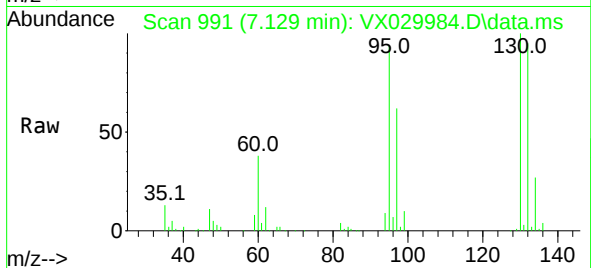
95 93.7 76.5 114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#38

Methylcyclohexane

Concen: 20.025 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX029984.D

Acq: 08 Jul 2022 19:35

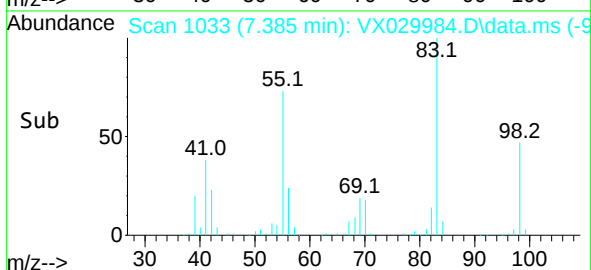
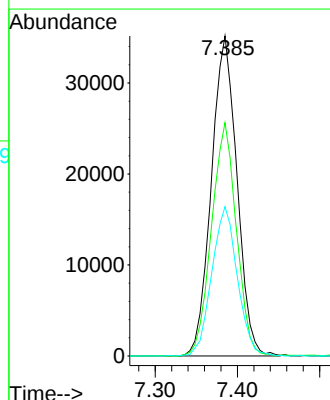
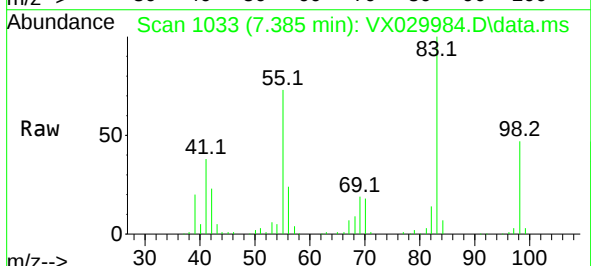
Tgt Ion: 83 Resp: 76178

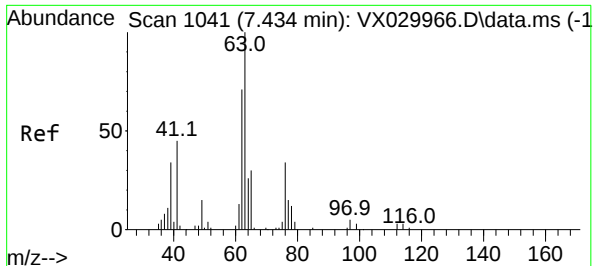
Ion Ratio Lower Upper

83 100

55 70.8 37.0 110.9

98 46.5 25.9 77.8





#39

1,2-Dichloropropane

Concen: 19.885 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX029984.D

Acq: 08 Jul 2022 19:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 47690

Ion Ratio Lower Upper

63 100

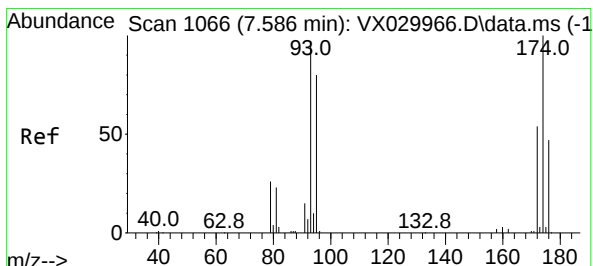
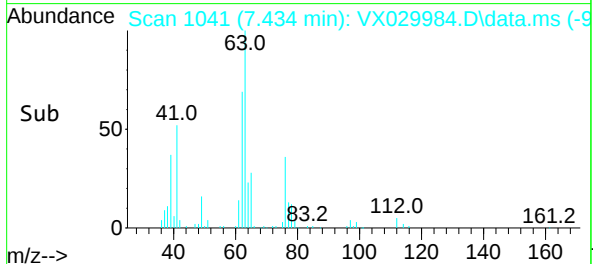
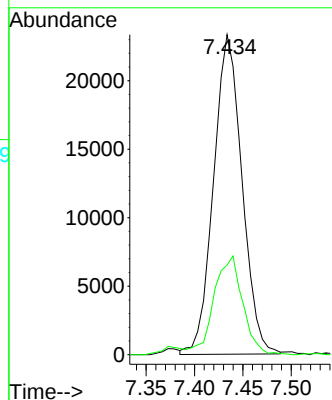
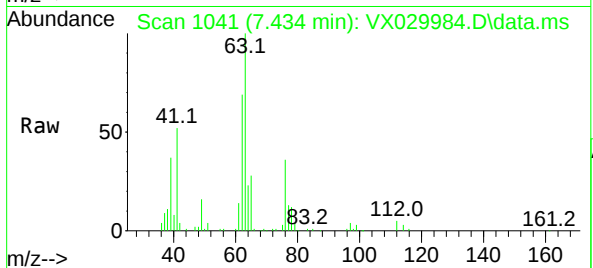
65 27.9 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#40

Dibromomethane

Concen: 20.533 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX029984.D

Acq: 08 Jul 2022 19:35

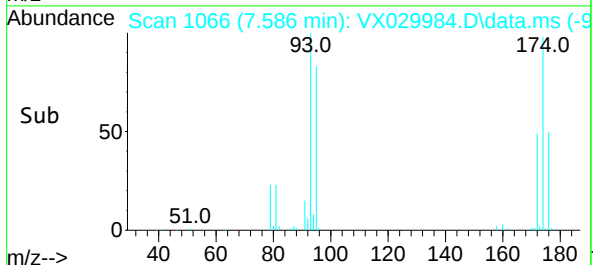
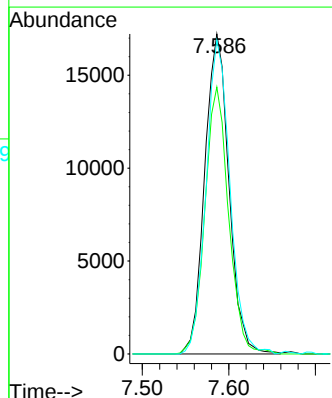
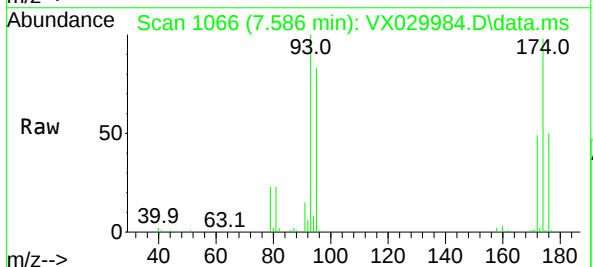
Tgt Ion: 93 Resp: 33379

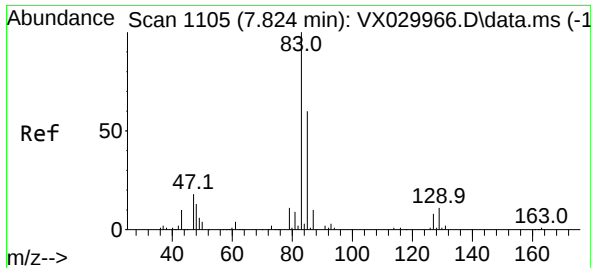
Ion Ratio Lower Upper

93 100

95 81.5 0.0 168.8

174 96.6 0.0 220.8





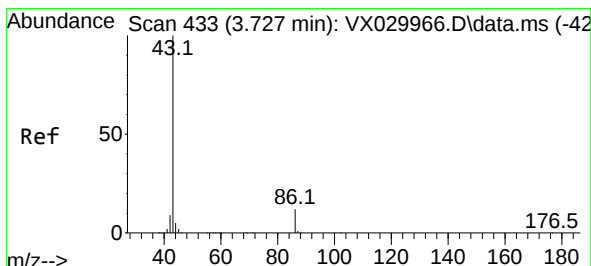
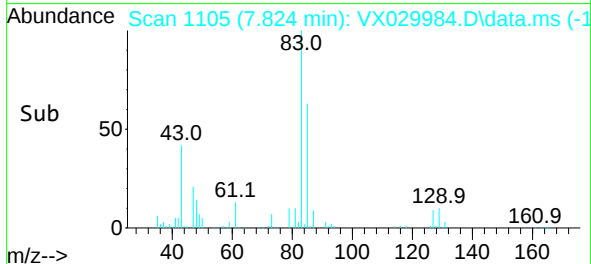
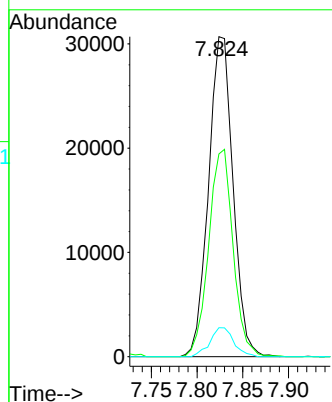
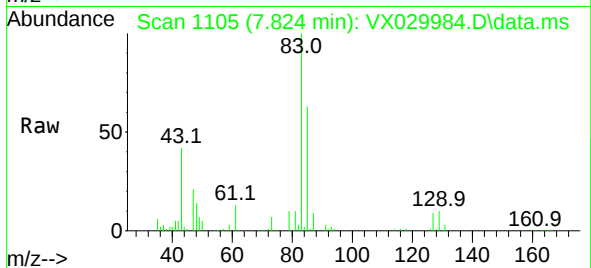
#41
Bromodichloromethane
Concen: 19.692 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 57184
Ion Ratio Lower Upper
83 100
85 63.3 50.6 75.8
127 9.0 7.0 10.6

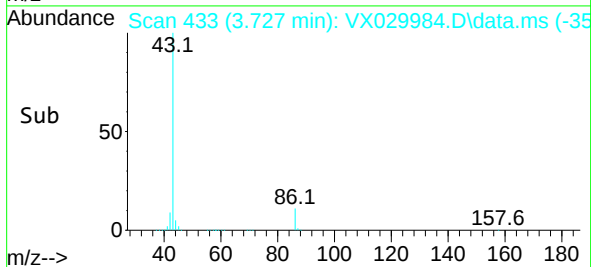
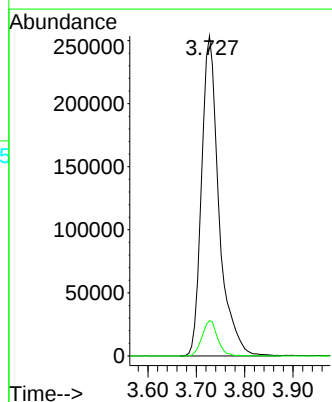
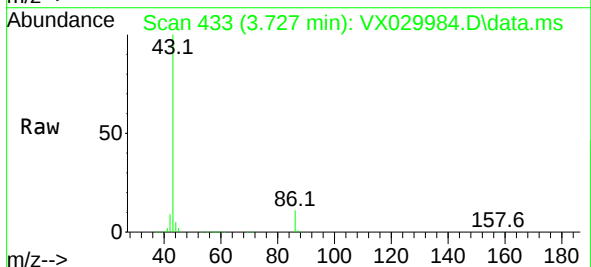
Manual Integrations
APPROVED

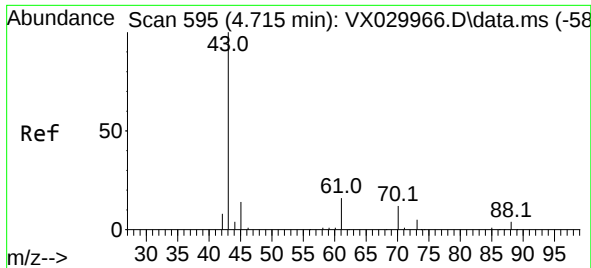
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#42
Vinyl Acetate
Concen: 100.069 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

Tgt Ion: 43 Resp: 633258
Ion Ratio Lower Upper
43 100
86 9.8 8.5 12.7





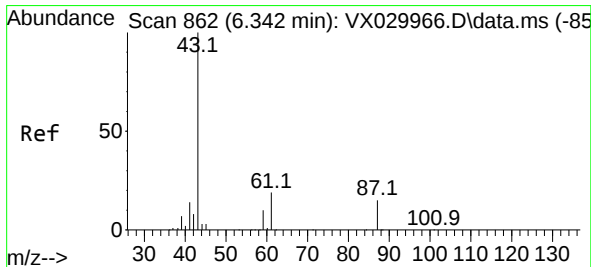
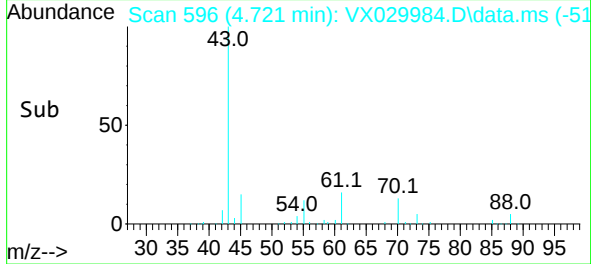
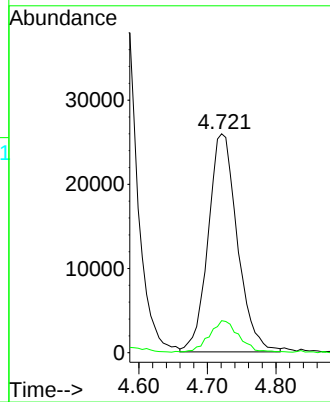
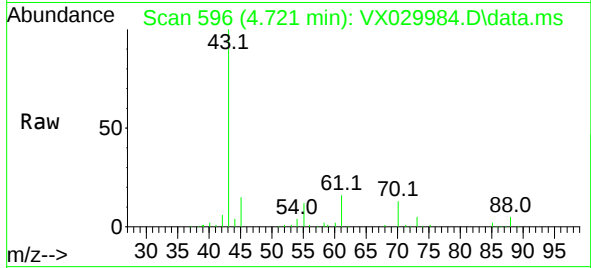
#43
Ethyl Acetate
Concen: 20.578 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 76700
Ion Ratio Lower Upper
43 100
45 14.4 11.8 17.6

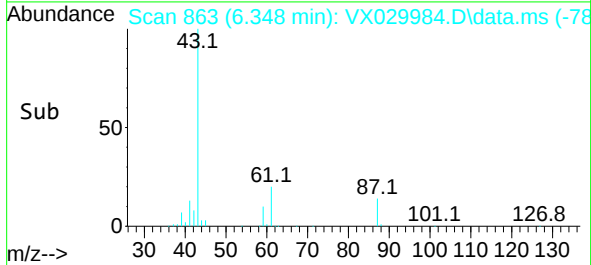
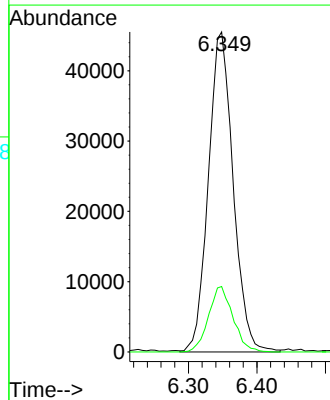
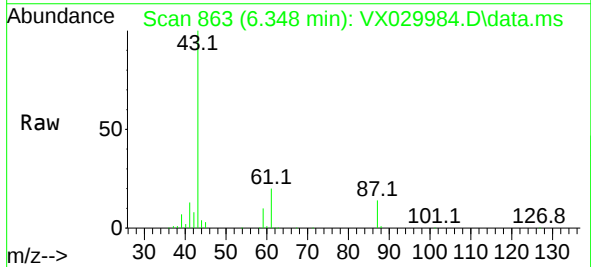
Manual Integrations
APPROVED

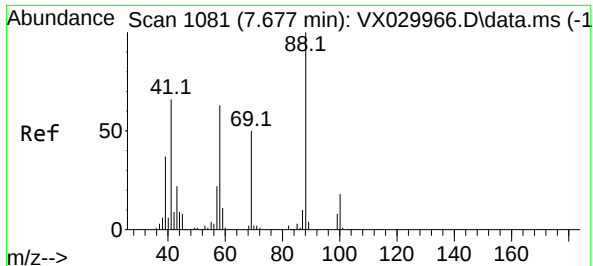
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#44
Isopropyl Acetate
Concen: 20.211 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

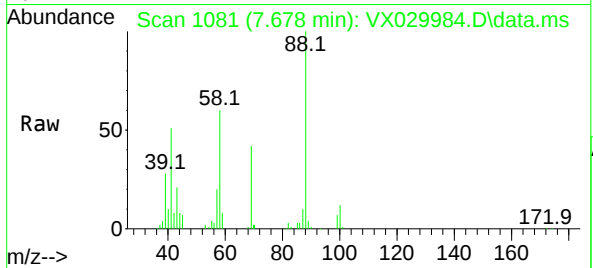
Tgt Ion: 43 Resp: 114449
Ion Ratio Lower Upper
43 100
61 20.2 17.0 25.4





#45
1,4-Dioxane
Concen: 414.913 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

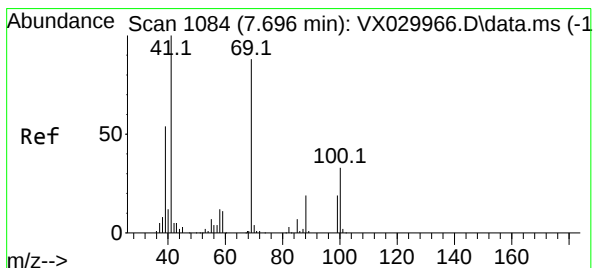
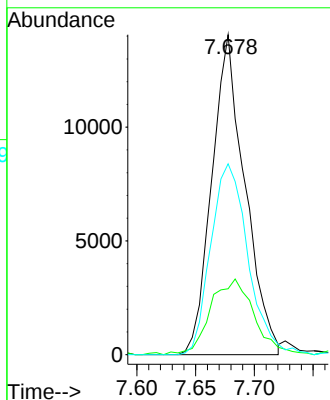
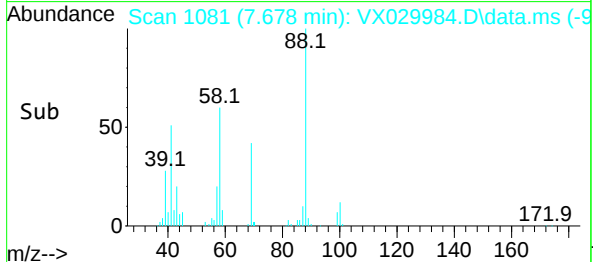
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 88 Resp: 2758
Ion Ratio Lower Upper
88 100
43 31.1 25.8 38.6
58 67.2 54.8 82.2

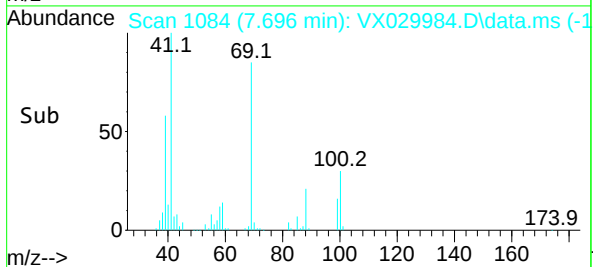
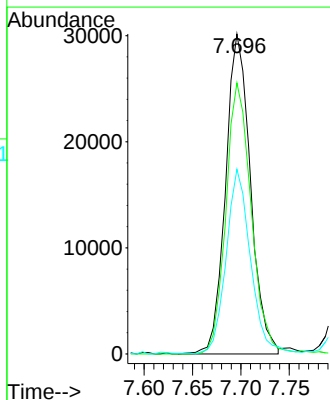
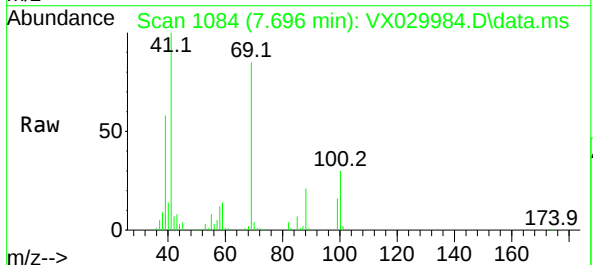
Manual Integrations
APPROVED

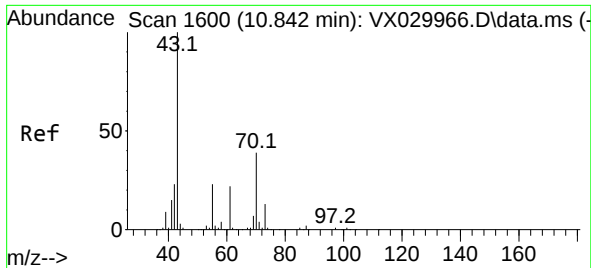
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#46
Methyl methacrylate
Concen: 20.098 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

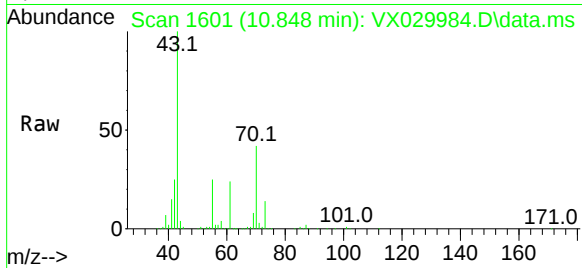
Tgt Ion: 41 Resp: 53933
Ion Ratio Lower Upper
41 100
69 84.7 41.9 125.8
39 57.5 27.5 82.5





#47
n-amy1 Acetate
Concen: 19.007 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

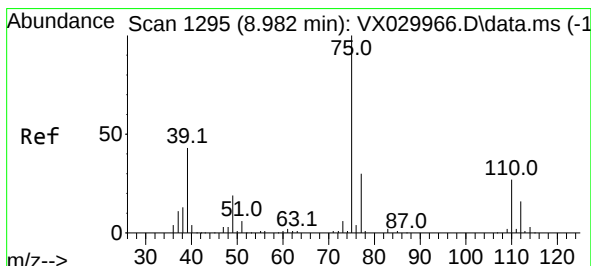
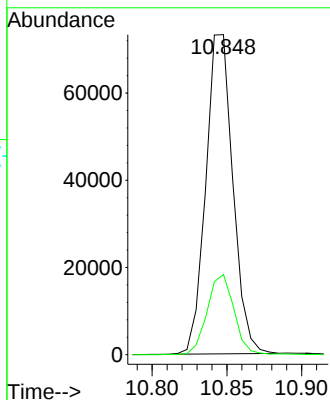
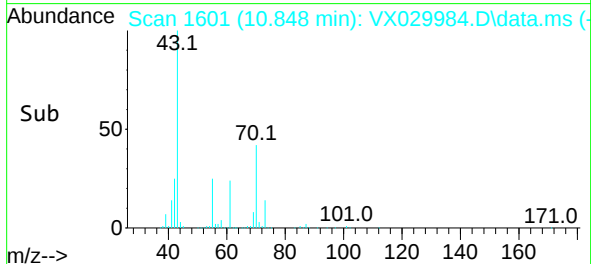
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 92459
Ion Ratio Lower Upper
43 100
55 24.5 20.4 30.6

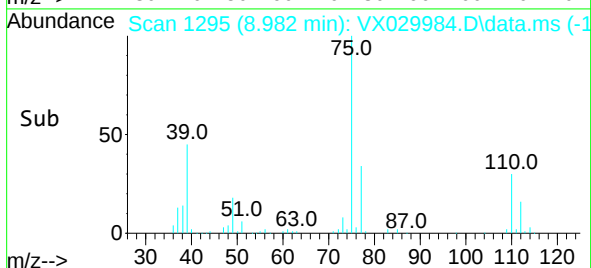
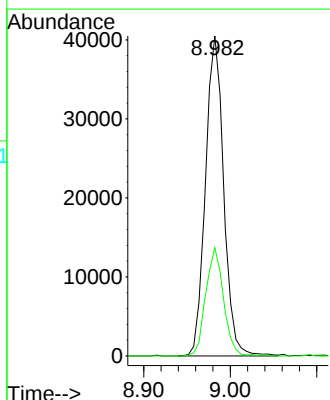
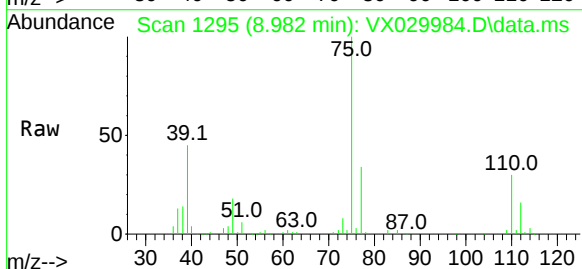
Manual Integrations
APPROVED

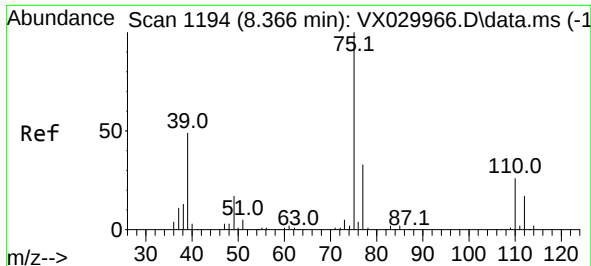
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#48
t-1,3-Dichloropropene
Concen: 18.456 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

Tgt Ion: 75 Resp: 59227
Ion Ratio Lower Upper
75 100
77 33.9 26.6 40.0





#49

cis-1,3-Dichloropropene

Concen: 18.998 ug/l

RT: 8.373 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX029984.D

Acq: 08 Jul 2022 19:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 6846

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

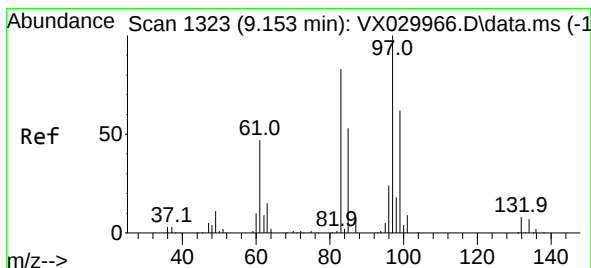
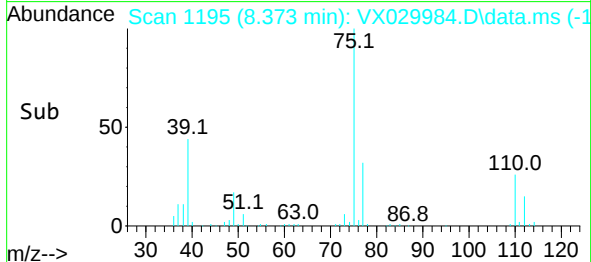
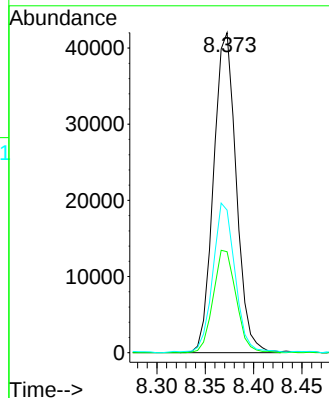
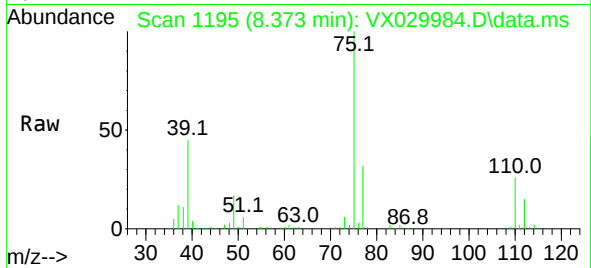
39 44.3 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#50

1,1,2-Trichloroethane

Concen: 19.934 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX029984.D

Acq: 08 Jul 2022 19:35

Tgt Ion: 97 Resp: 48008

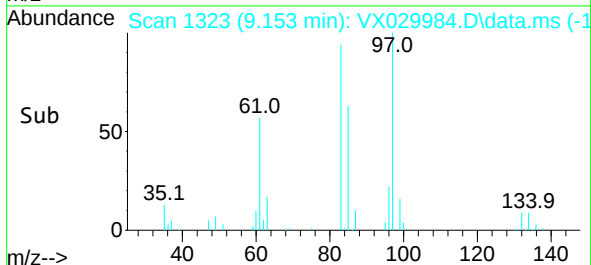
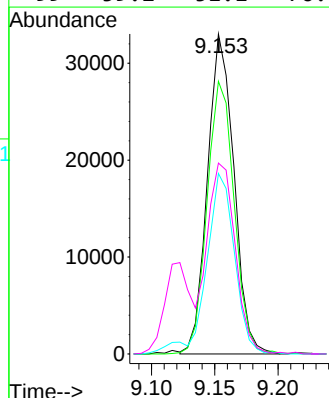
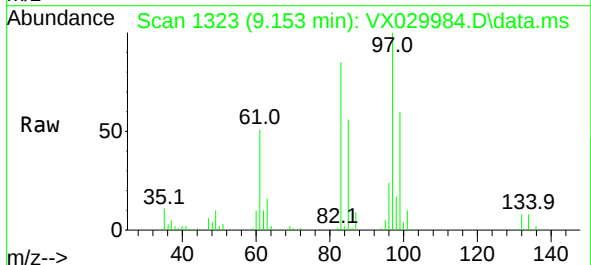
Ion Ratio Lower Upper

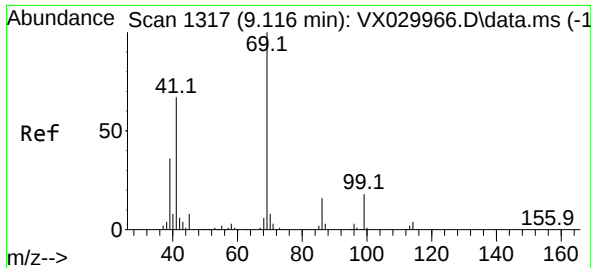
97 100

83 84.9 66.2 99.4

85 56.1 40.4 60.6

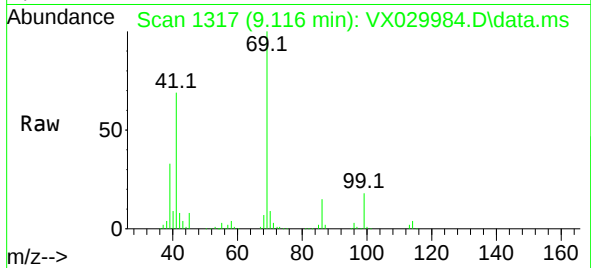
99 59.2 51.1 76.7





#51
Ethyl methacrylate
Concen: 19.712 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

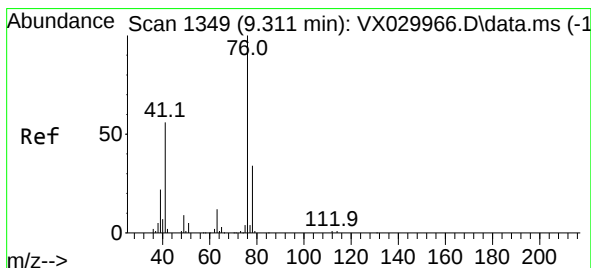
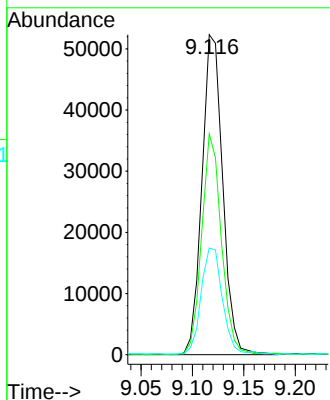
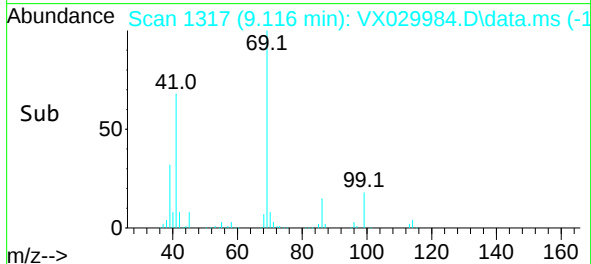
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



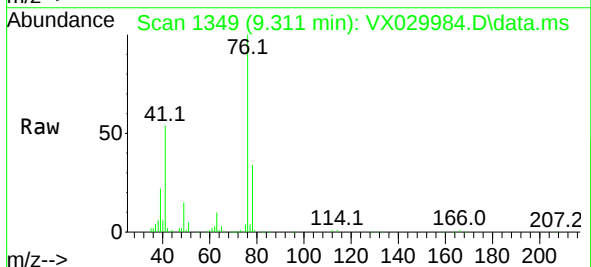
Tgt Ion: 69 Resp: 7387
Ion Ratio Lower Upper
69 100
41 68.9 32.1 96.5
39 33.3 18.3 54.9

Manual Integrations
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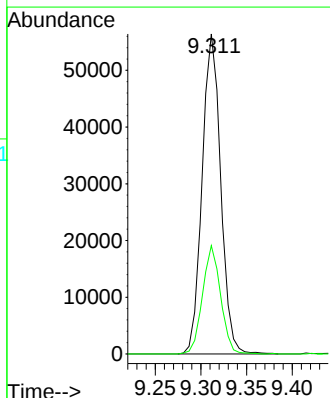
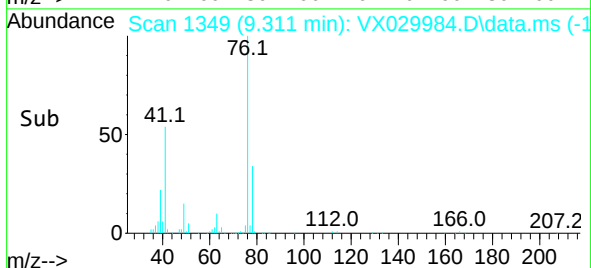
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

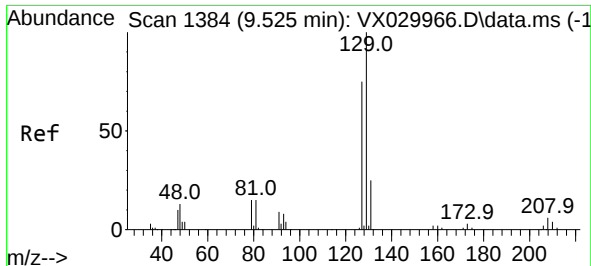


#52
1,3-Dichloropropane
Concen: 20.538 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35



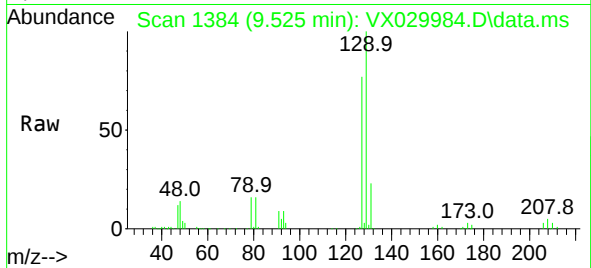
Tgt Ion: 76 Resp: 79566
Ion Ratio Lower Upper
76 100
78 32.9 0.0 64.4





#53
Dibromochloromethane
Concen: 19.585 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

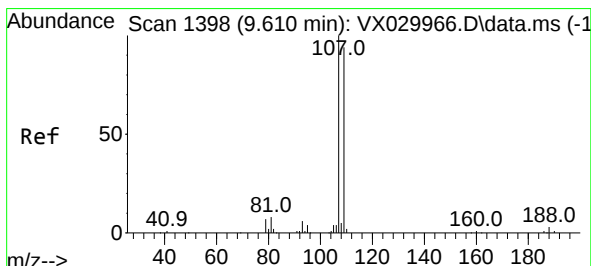
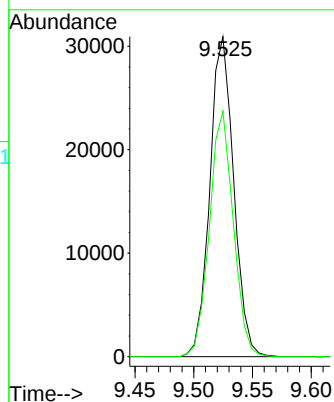
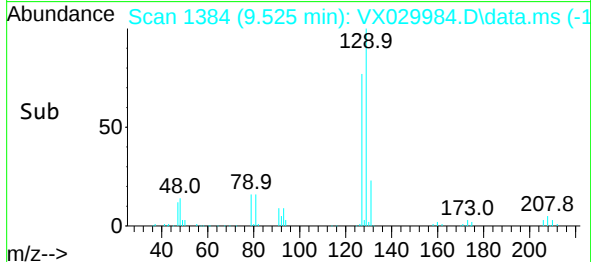
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:129 Resp: 43659
Ion Ratio Lower Upper
129 100
127 76.6 38.4 115.1

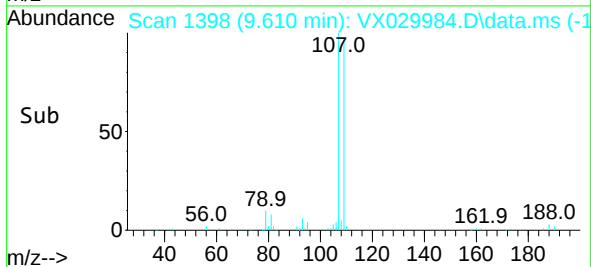
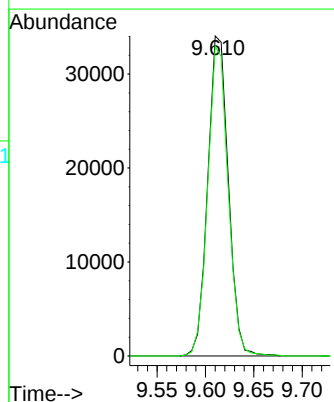
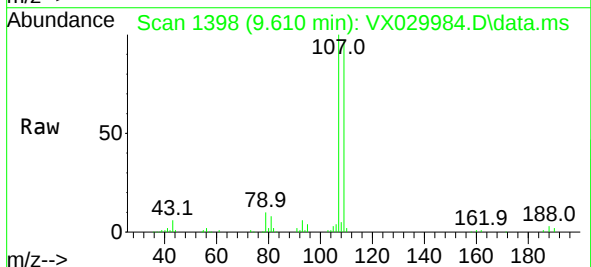
Manual Integrations
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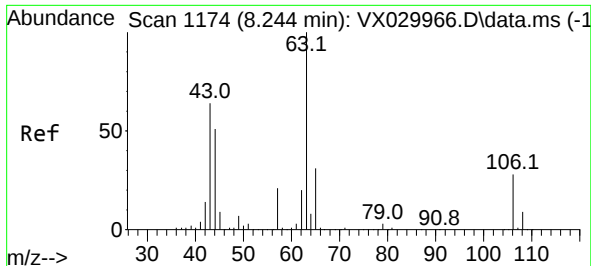
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#54
1,2-Dibromoethane
Concen: 20.206 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

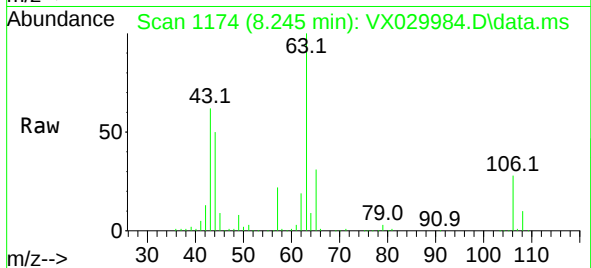
Tgt Ion:107 Resp: 50535
Ion Ratio Lower Upper
107 100
109 95.8 76.2 114.4





#55
2-Chloroethyl vinyl ether
Concen: 100.343 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

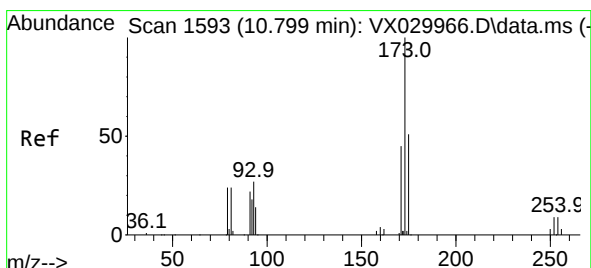
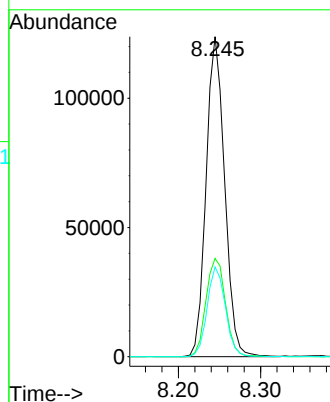
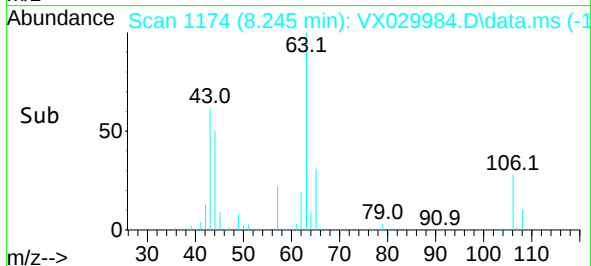
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 19385
Ion Ratio Lower Upper
63 100
65 32.3 25.9 38.9
106 27.6 25.8 38.6

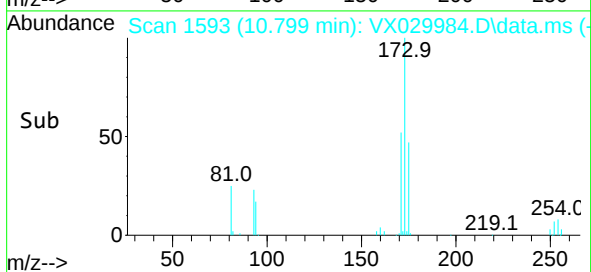
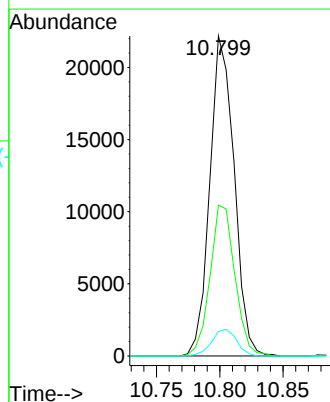
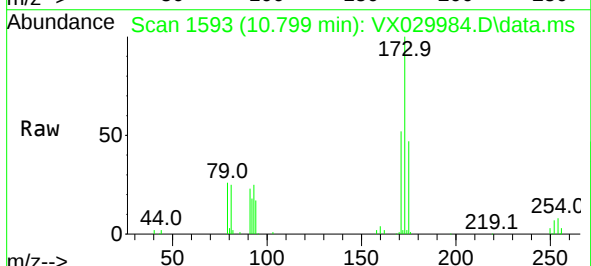
Manual Integrations
APPROVED

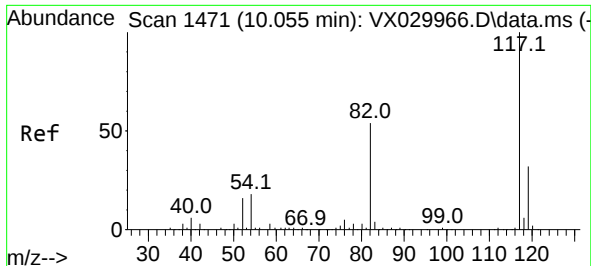
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#56
Bromoform
Concen: 19.005 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

Tgt Ion:173 Resp: 29657
Ion Ratio Lower Upper
173 100
175 48.1 40.3 60.5
254 8.6 7.4 11.2





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX029984.D

Acq: 08 Jul 2022 19:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 117 Resp: 15456

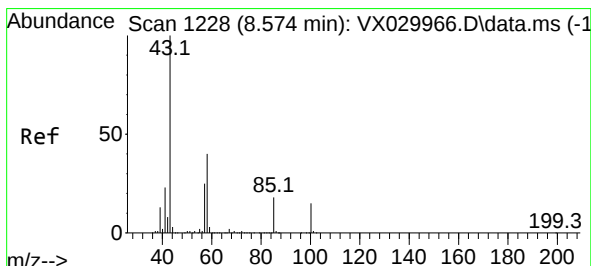
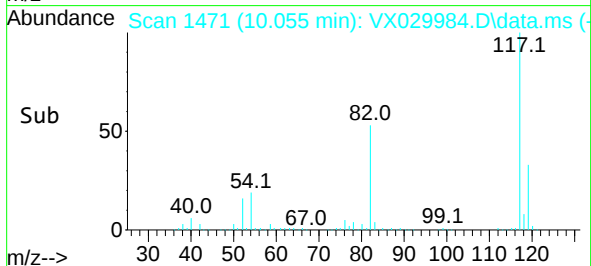
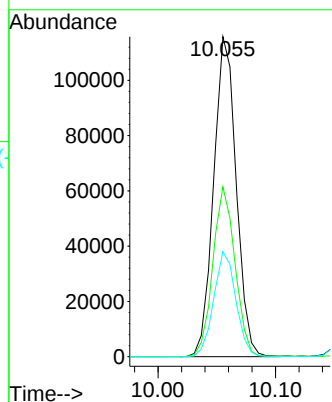
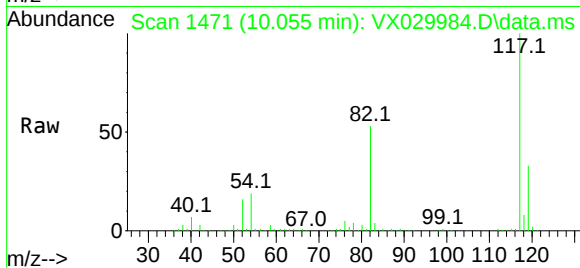
Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.3	63.5
119	32.4	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#58

4-Methyl-2-Pentanone

Concen: 101.843 ug/l

RT: 8.574 min Scan# 1228

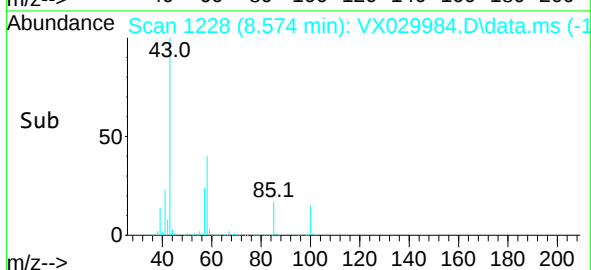
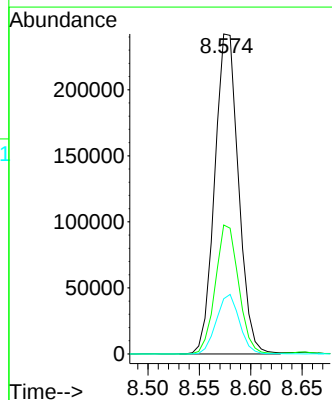
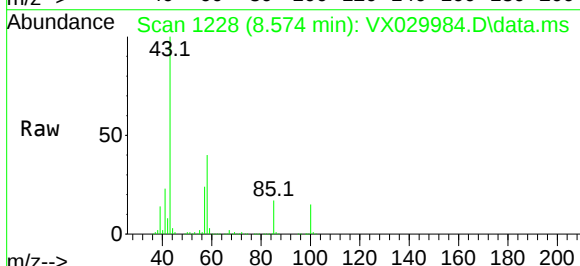
Delta R.T. 0.000 min

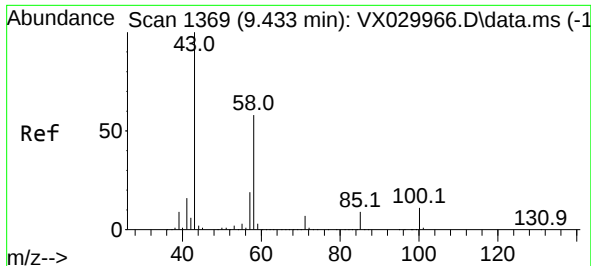
Lab File: VX029984.D

Acq: 08 Jul 2022 19:35

Tgt Ion: 43 Resp: 388814

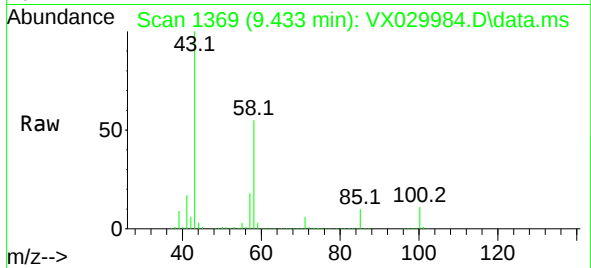
Ion	Ratio	Lower	Upper
43	100		
58	39.5	31.8	47.6
85	18.0	15.8	23.6





#59
2-Hexanone
Concen: 101.693 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

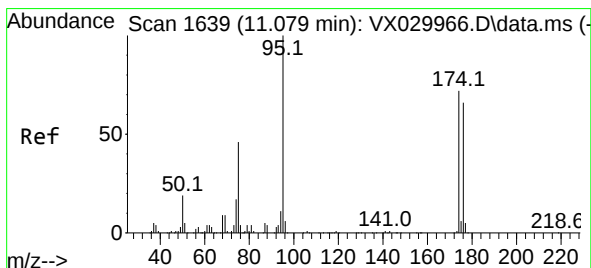
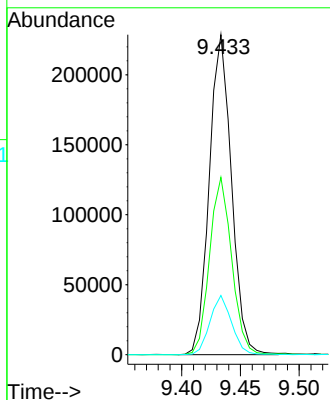
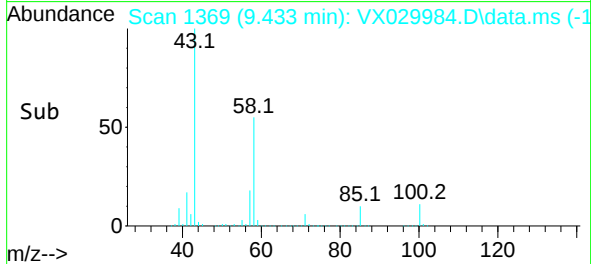
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 300280
Ion Ratio Lower Upper
43 100
58 55.3 44.1 66.1
57 18.0 16.2 24.2

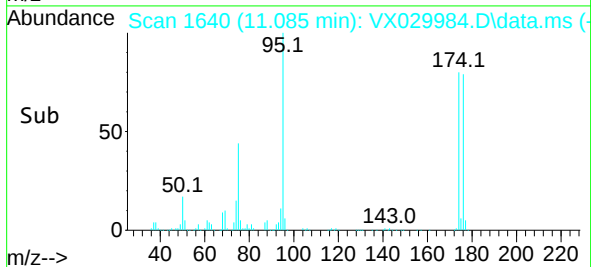
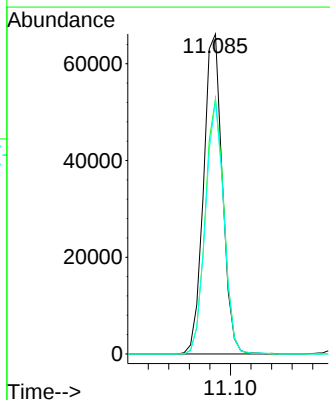
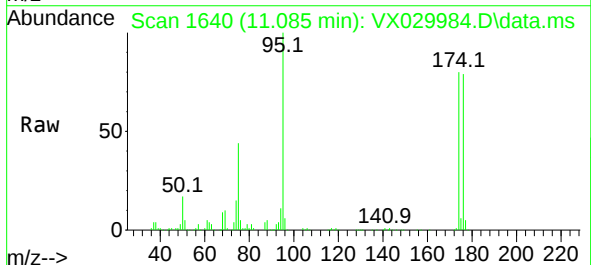
Manual Integrations
APPROVED

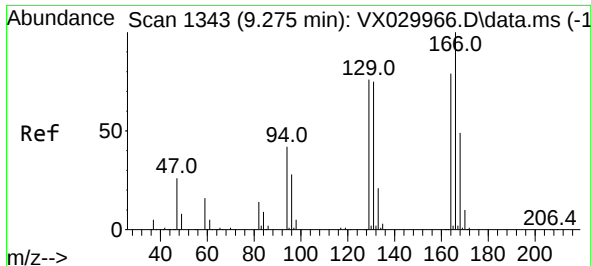
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#60
4-Bromofluorobenzene
Concen: 28.844 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

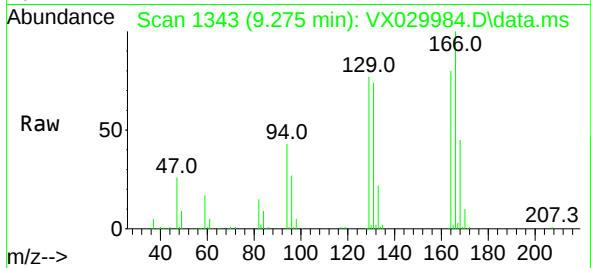
Tgt Ion: 95 Resp: 84017
Ion Ratio Lower Upper
95 100
174 79.1 65.4 98.2
176 76.9 63.4 95.0





#61
Tetrachloroethene
Concen: 20.399 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

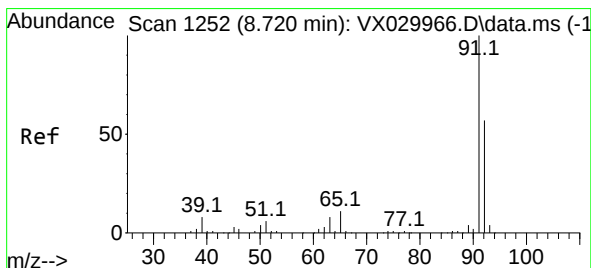
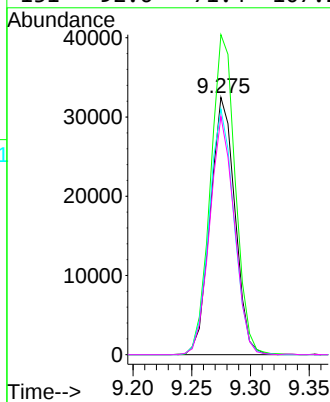
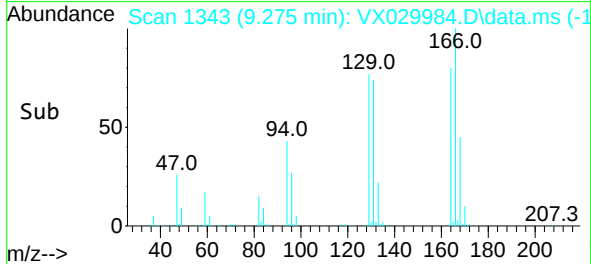
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



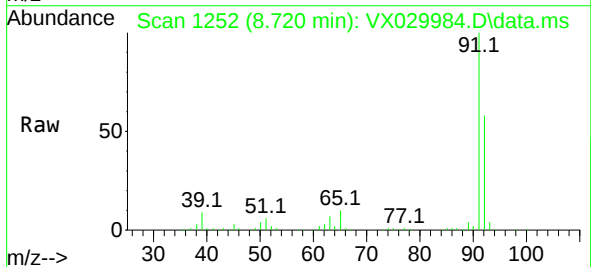
Tgt Ion:164 Resp: 47339
Ion Ratio Lower Upper
164 100
166 124.4 105.0 157.6
129 95.5 78.5 117.7
131 92.6 71.4 107.2

Manual Integrations
APPROVED

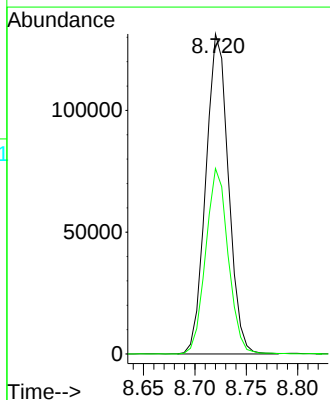
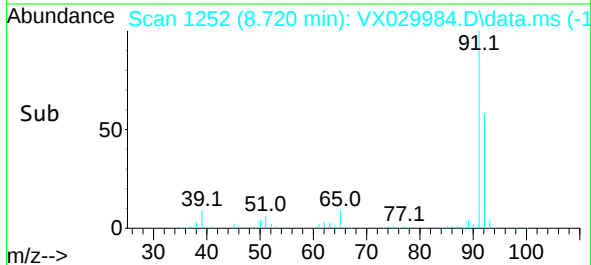
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

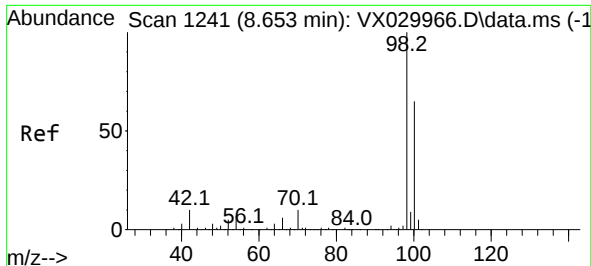


#62
Toluene
Concen: 19.569 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35



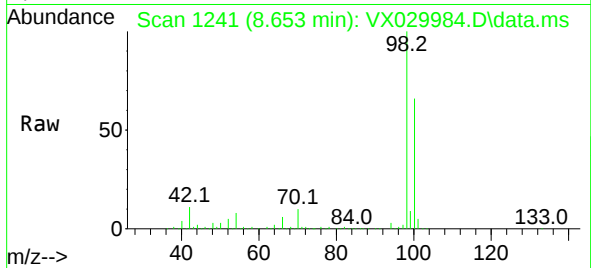
Tgt Ion: 91 Resp: 201194
Ion Ratio Lower Upper
91 100
92 57.6 48.1 72.1





#63
Toluene-d8
Concen: 29.745 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

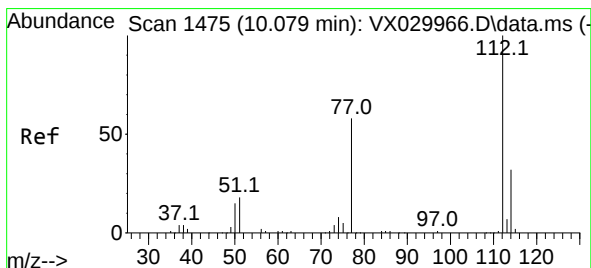
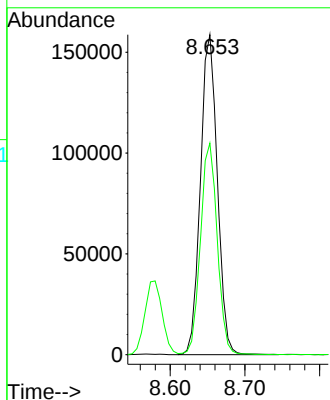
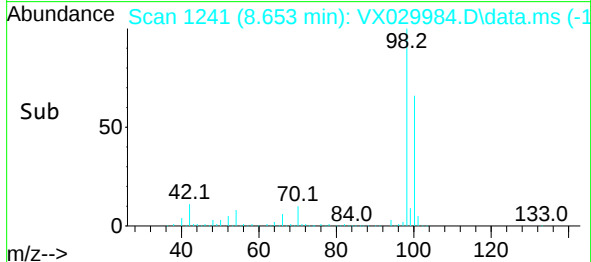
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



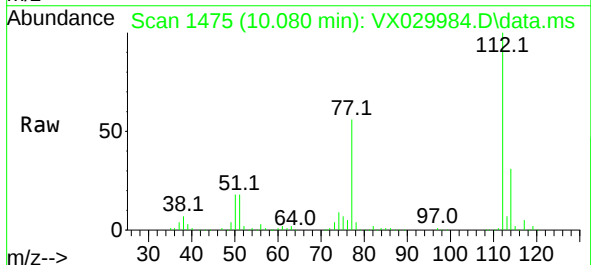
Tgt Ion: 98 Resp: 249292
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.2

Manual Integrations
APPROVED

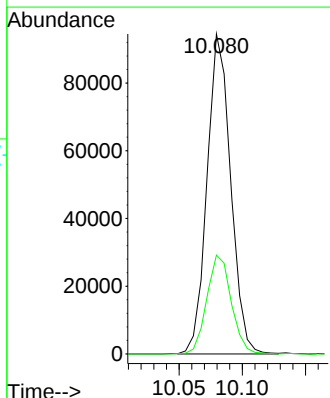
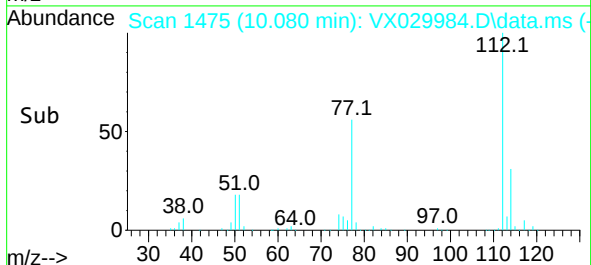
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

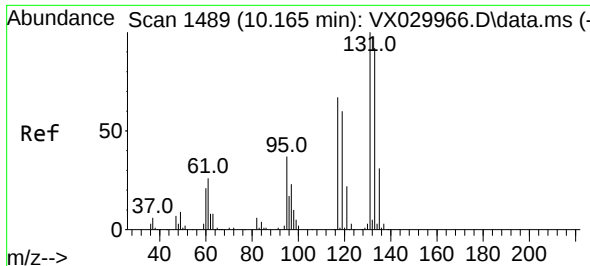


#64
Chlorobenzene
Concen: 19.991 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35



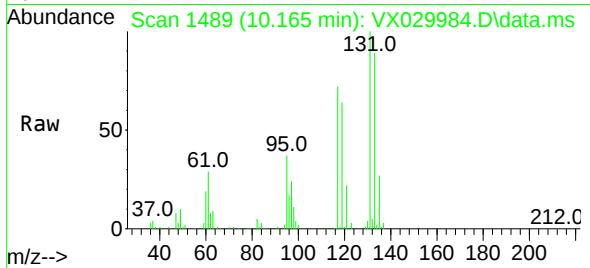
Tgt Ion:112 Resp: 122752
Ion Ratio Lower Upper
112 100
114 30.9 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 19.202 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

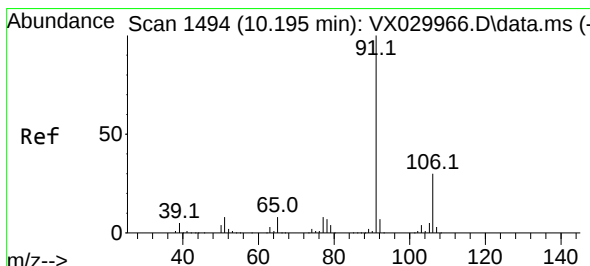
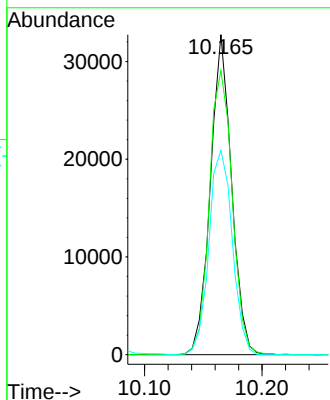
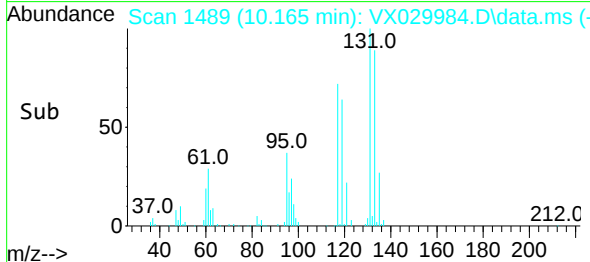
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



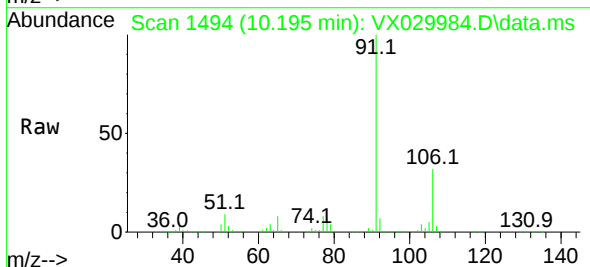
Tgt Ion:131 Resp: 4111
Ion Ratio Lower Upper
131 100
133 96.0 0.0 197.2
119 70.5 0.0 127.4

Manual Integrations
APPROVED

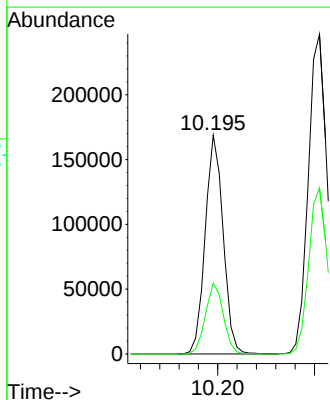
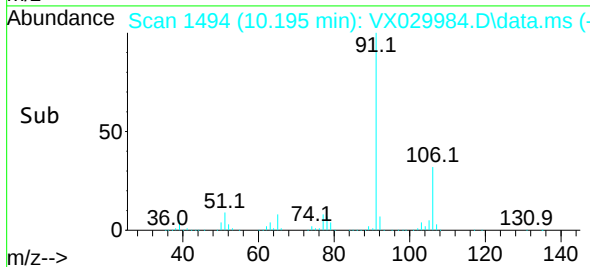
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

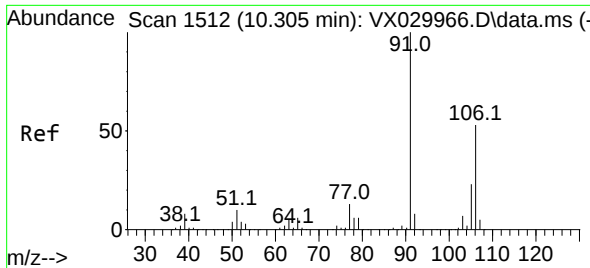


#66
Ethyl Benzene
Concen: 19.949 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35



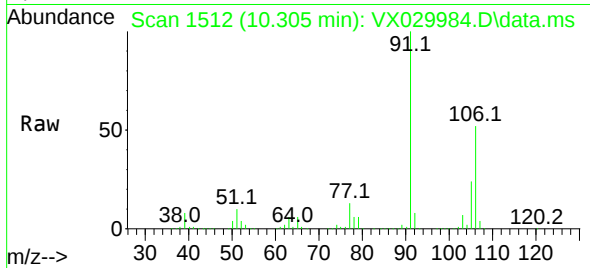
Tgt Ion: 91 Resp: 217967
Ion Ratio Lower Upper
91 100
106 32.3 25.8 38.8





#67
m/p-Xylenes
Concen: 40.331 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

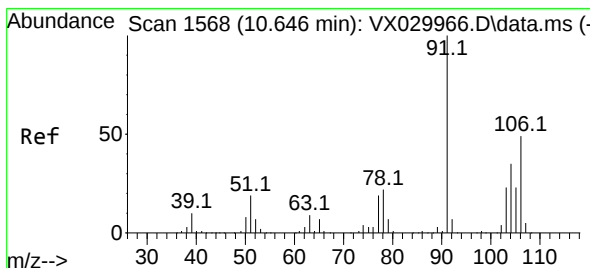
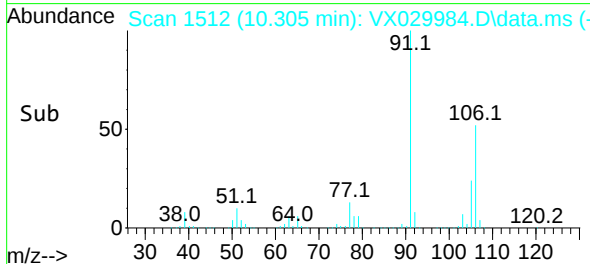
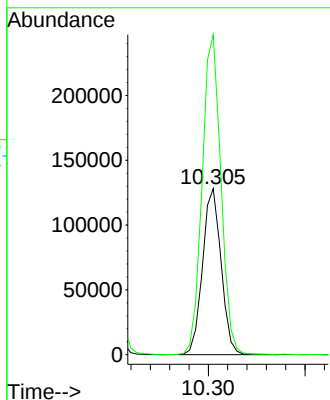
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:106 Resp: 17099
Ion Ratio Lower Upper
106 100
91 195.1 159.5 239.3

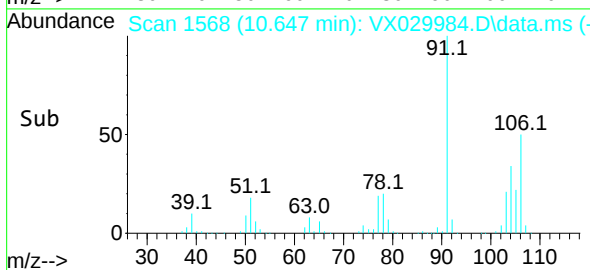
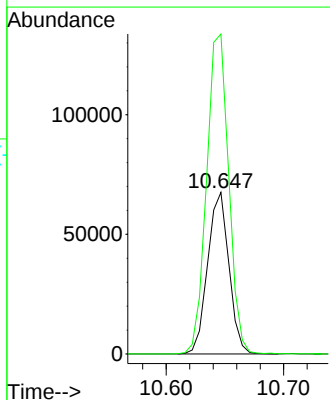
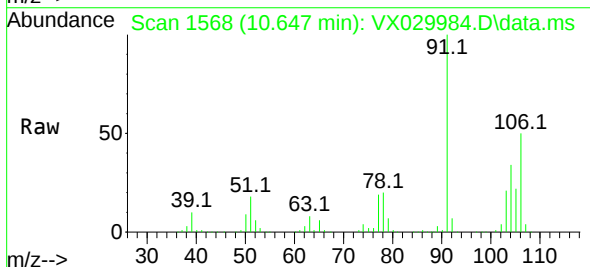
Manual Integrations
APPROVED

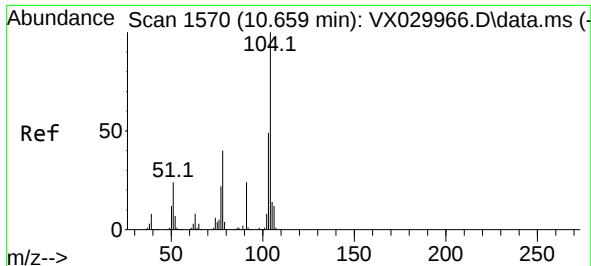
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#68
o-Xylene
Concen: 20.120 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

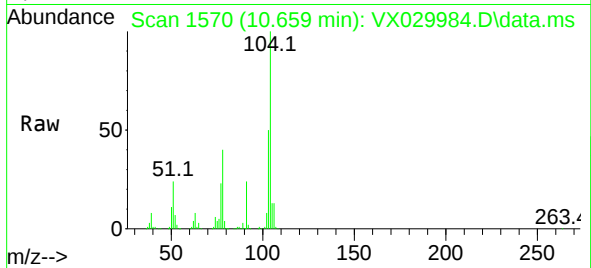
Tgt Ion:106 Resp: 84946
Ion Ratio Lower Upper
106 100
91 205.8 105.4 316.2





#69
Styrene
Concen: 19.985 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

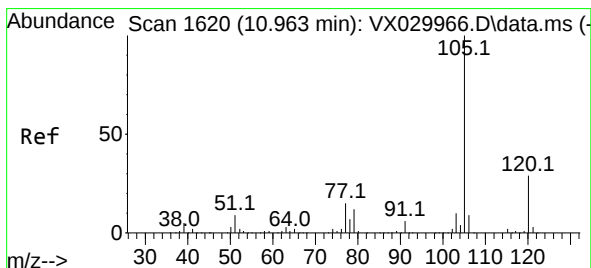
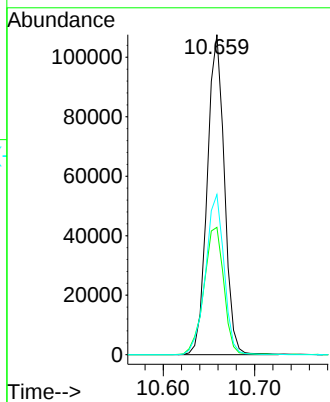
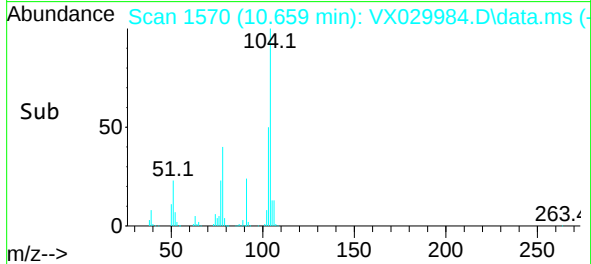
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



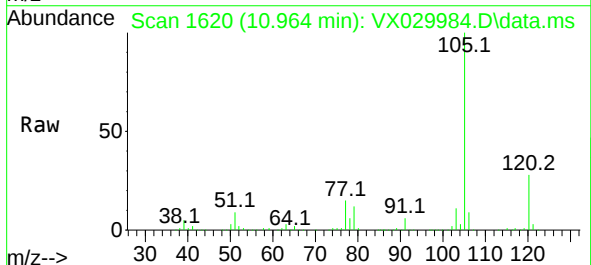
Tgt Ion:104 Resp: 139630
Ion Ratio Lower Upper
104 100
78 46.2 39.7 59.5
103 54.2 42.7 64.1

Manual Integrations
APPROVED

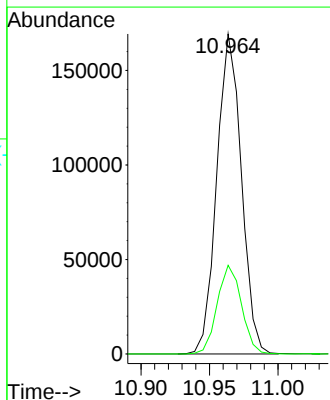
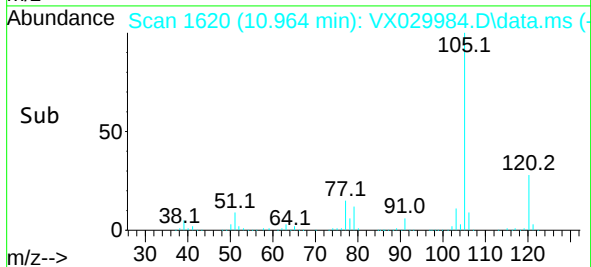
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

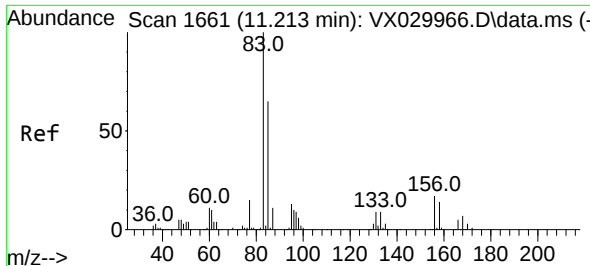


#70
Isopropylbenzene
Concen: 19.845 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35



Tgt Ion:105 Resp: 210959
Ion Ratio Lower Upper
105 100
120 27.3 18.8 34.8





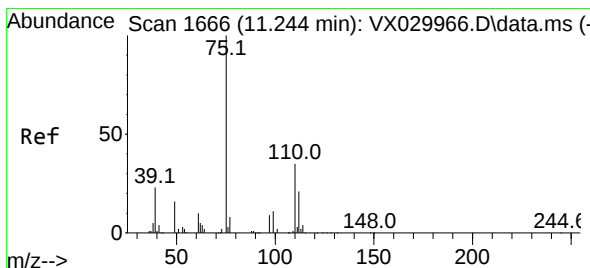
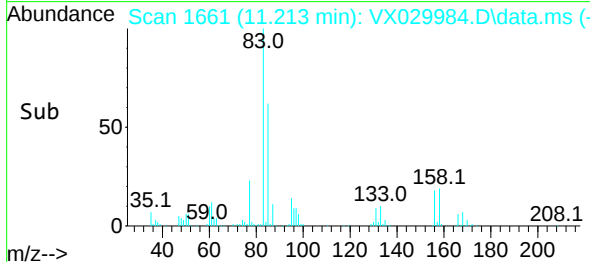
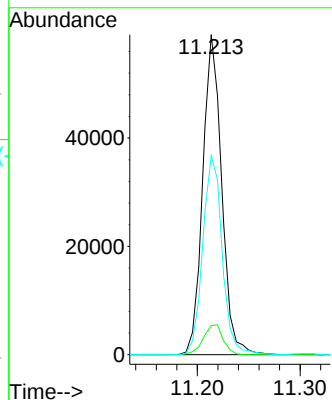
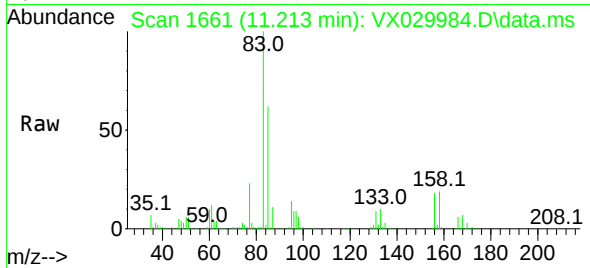
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.618 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX029984.D
 Acq: 08 Jul 2022 19:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion: 83 Resp: 75836
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.8 17.3
 85 63.8 32.0 96.2

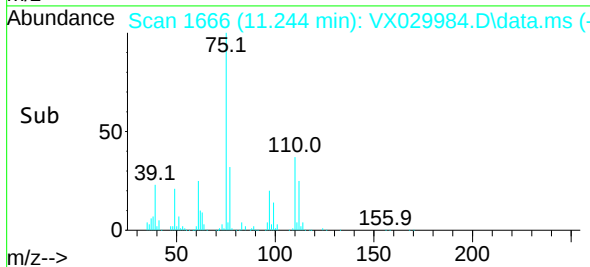
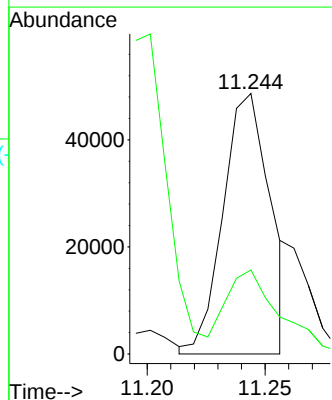
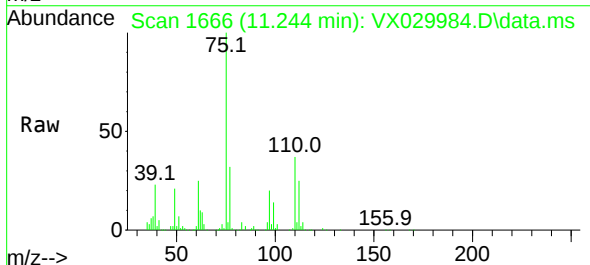
Manual Integrations
 APPROVED

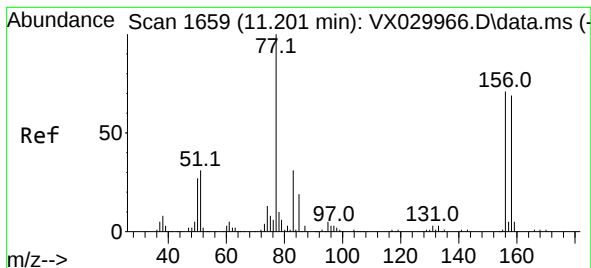
Reviewed By :John Carlone 07/11/2022
 Supervised By :Mahesh Dadoda 07/11/2022



#72
 1,2,3-Trichloropropane
 Concen: 19.438 ug/l m
 RT: 11.244 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: VX029984.D
 Acq: 08 Jul 2022 19:35

Tgt Ion: 75 Resp: 67542
 Ion Ratio Lower Upper
 75 100
 77 37.1 0.0 78.6





#73

Bromobenzene

Concen: 19.571 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX029984.D

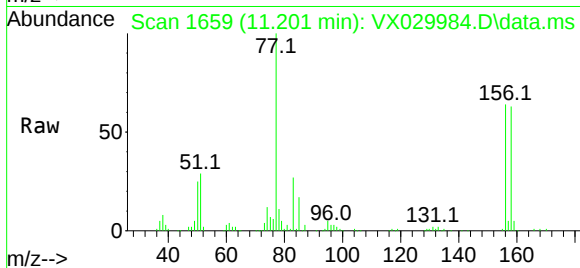
Acq: 08 Jul 2022 19:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



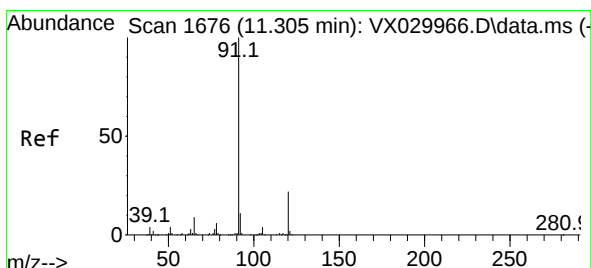
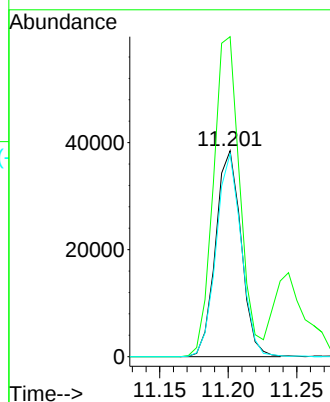
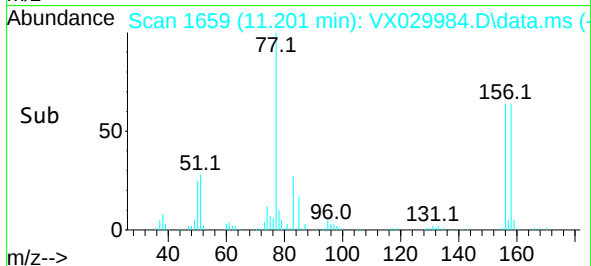
Tgt Ion:	156	Resp:	4988
Ion Ratio	Lower	Upper	
156	100		
77	161.4	0.0	297.6
158	97.0	0.0	188.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#74

n-propylbenzene

Concen: 19.563 ug/l

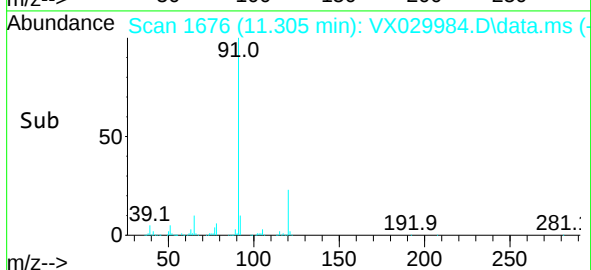
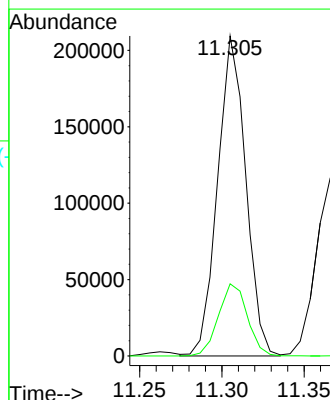
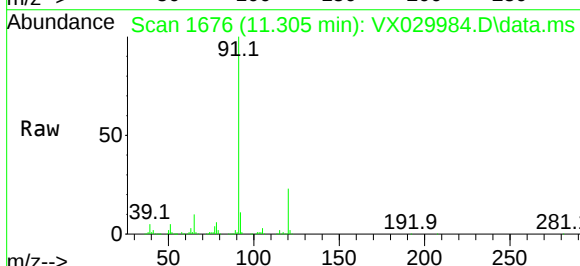
RT: 11.305 min Scan# 1676

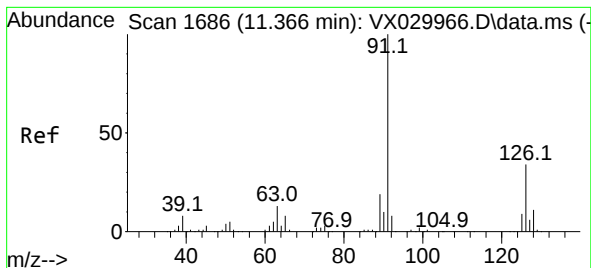
Delta R.T. 0.000 min

Lab File: VX029984.D

Acq: 08 Jul 2022 19:35

Tgt Ion:	91	Resp:	249460
Ion Ratio	Lower	Upper	
91	100		
120	23.2	0.0	48.0





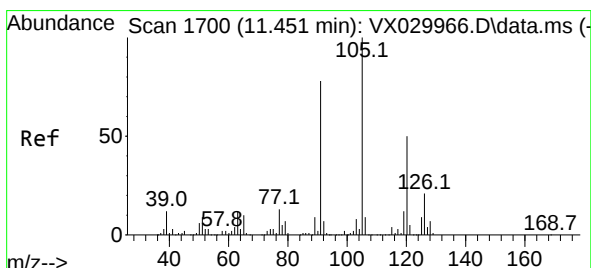
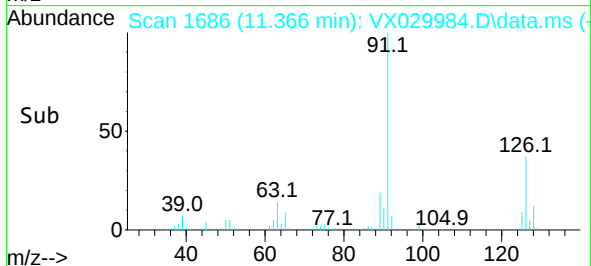
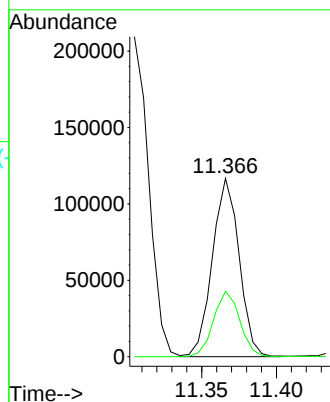
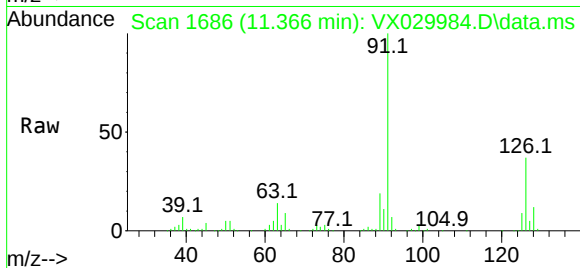
#75
2-Chlorotoluene
Concen: 19.342 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 14524
Ion Ratio Lower Upper
91 100
126 35.9 0.0 68.6

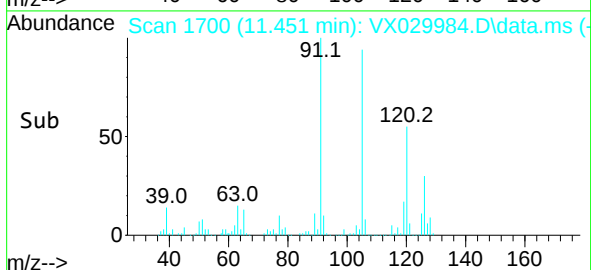
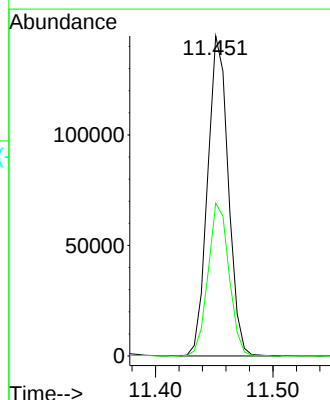
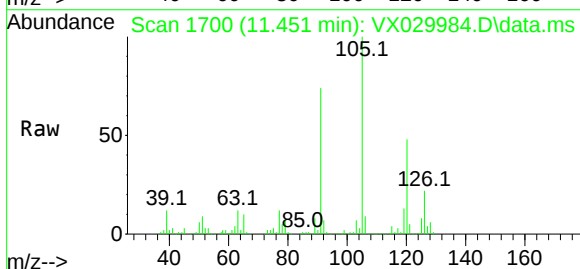
Manual Integrations
APPROVED

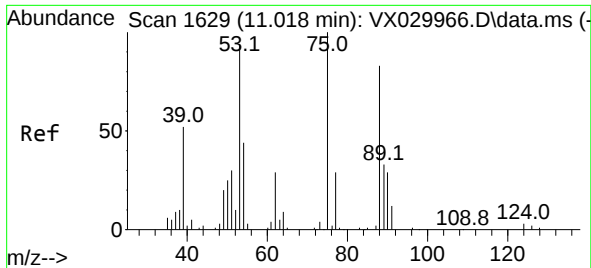
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#76
1,3,5-Trimethylbenzene
Concen: 19.831 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

Tgt Ion:105 Resp: 176994
Ion Ratio Lower Upper
105 100
120 48.3 0.0 98.0





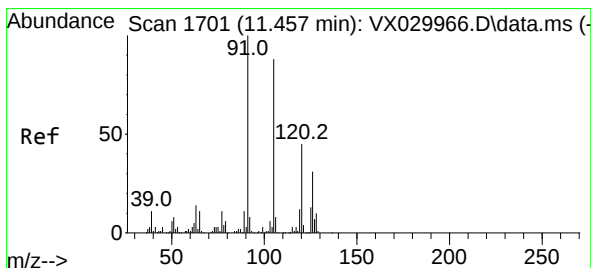
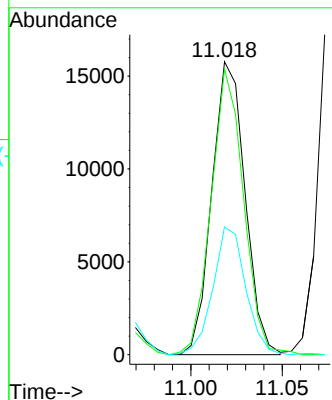
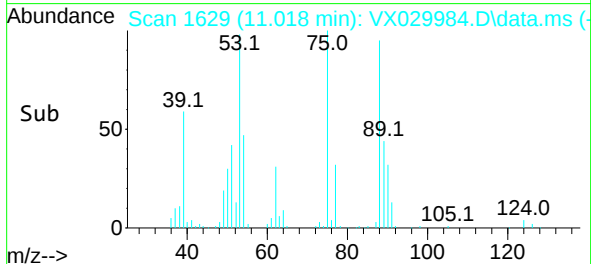
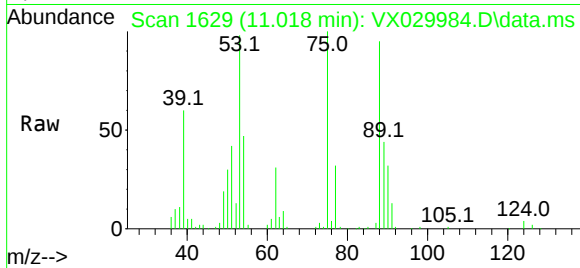
#77
t-1,4-Dichloro-2-butene
Concen: 16.651 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75 Resp: 1990
Ion Ratio Lower Upper
75 100
53 96.7 59.7 179.1
89 43.1 23.1 69.2

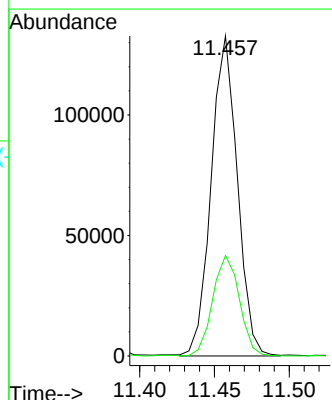
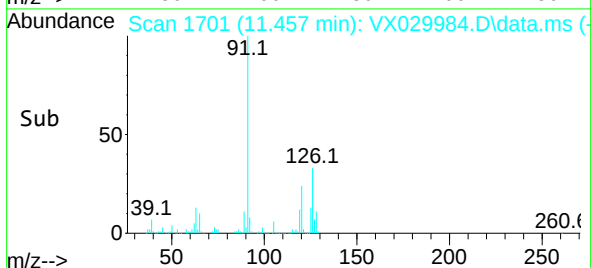
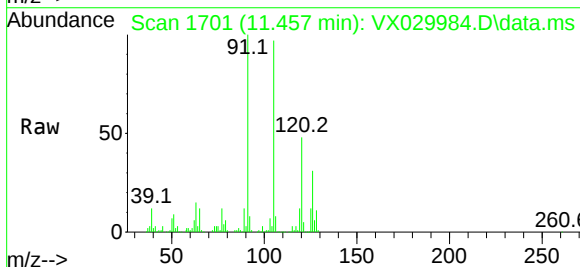
Manual Integrations
APPROVED

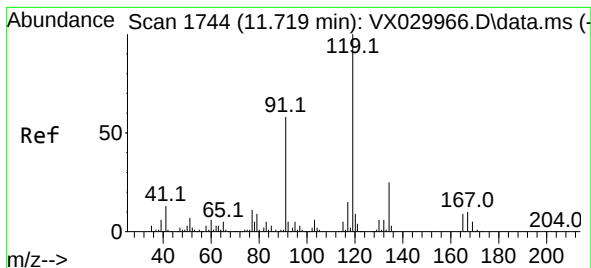
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#78
4-Chlorotoluene
Concen: 19.167 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

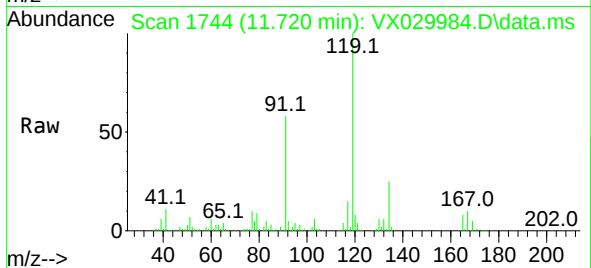
Tgt Ion: 91 Resp: 161540
Ion Ratio Lower Upper
91 100
126 32.0 0.0 59.8





#79
tert-butylbenzene
Concen: 19.457 ug/l
RT: 11.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

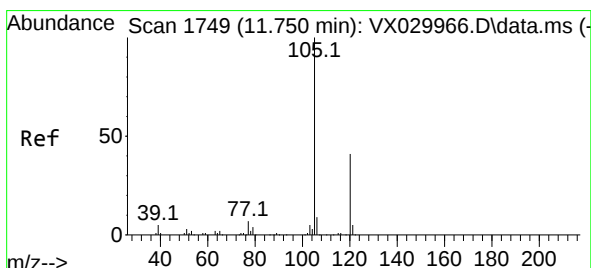
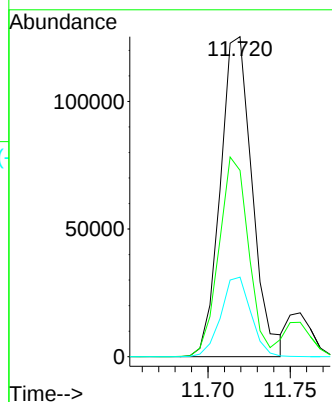
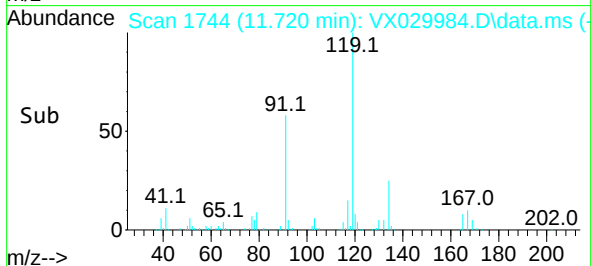
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:119 Resp: 16893
Ion Ratio Lower Upper
119 100
91 57.9 0.0 119.4
134 23.5 0.0 48.4

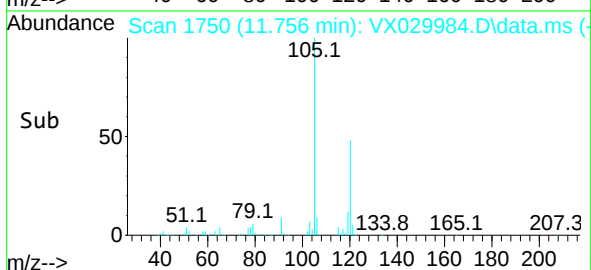
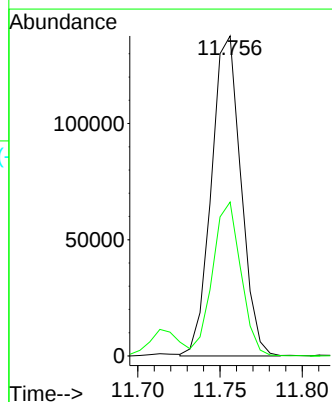
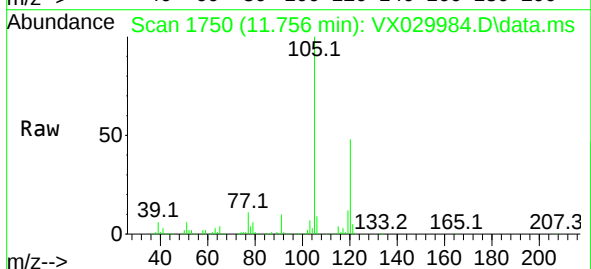
Manual Integrations
APPROVED

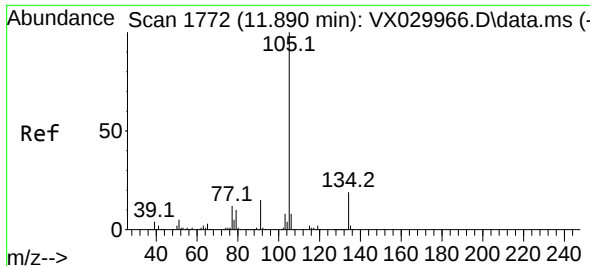
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#80
1,2,4-Trimethylbenzene
Concen: 18.776 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

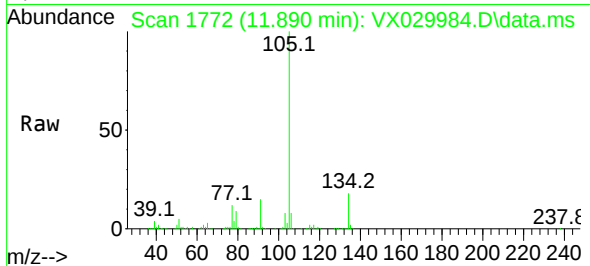
Tgt Ion:105 Resp: 172277
Ion Ratio Lower Upper
105 100
120 46.2 0.0 89.6





#81
 sec-Butylbenzene
 Concen: 18.816 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX029984.D
 Acq: 08 Jul 2022 19:35

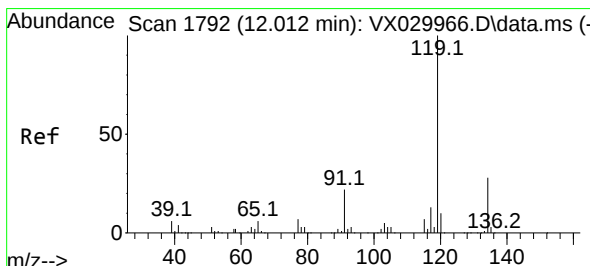
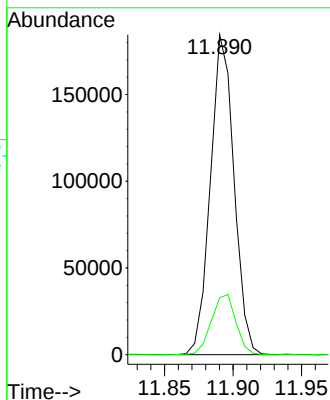
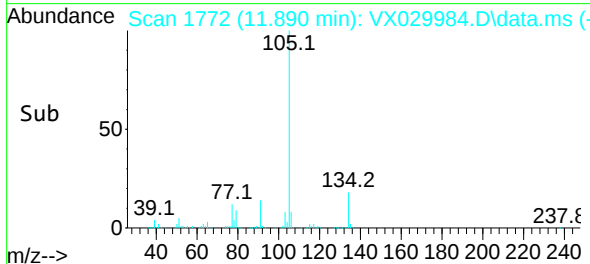
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



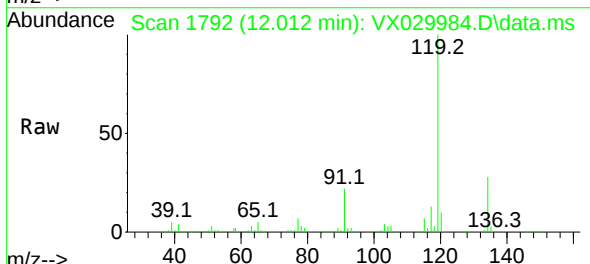
Tgt Ion:105 Resp: 221135
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 41.2

Manual Integrations
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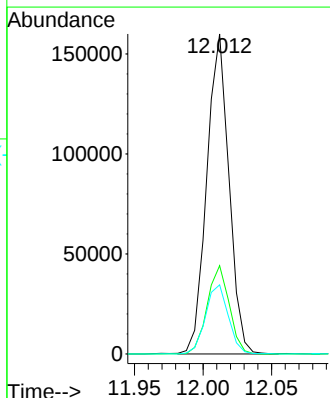
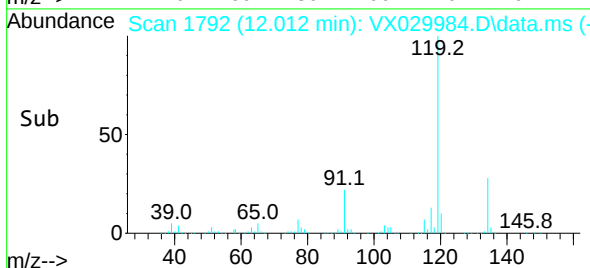
Reviewed By :John Carlone 07/11/2022
 Supervised By :Mahesh Dadoda 07/11/2022

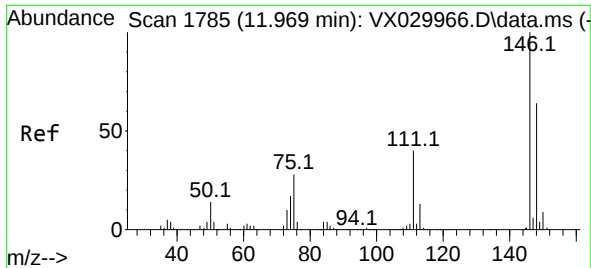


#82
 p-Isopropyltoluene
 Concen: 19.007 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX029984.D
 Acq: 08 Jul 2022 19:35



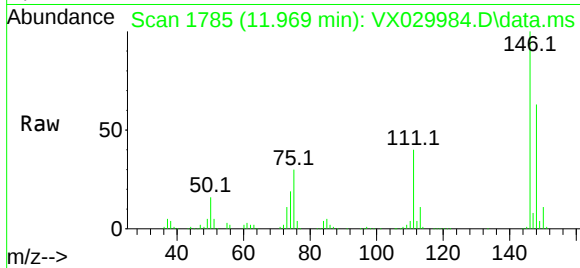
Tgt Ion:119 Resp: 179829
 Ion Ratio Lower Upper
 119 100
 134 27.3 0.0 52.4
 91 22.2 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 19.133 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

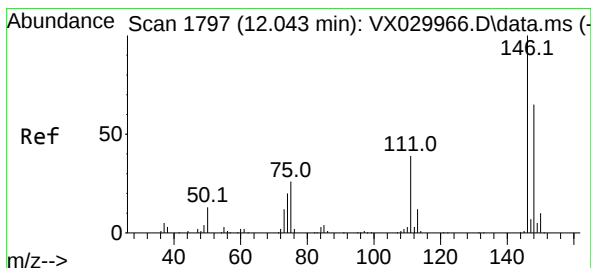
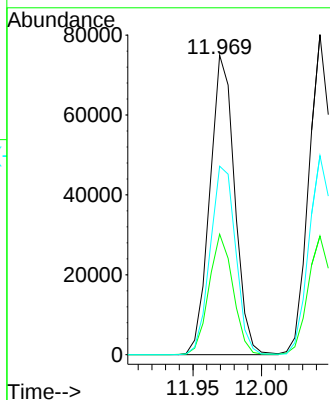
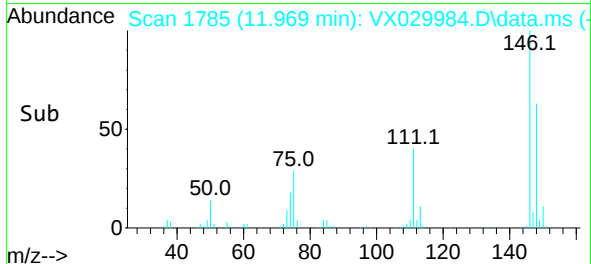
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



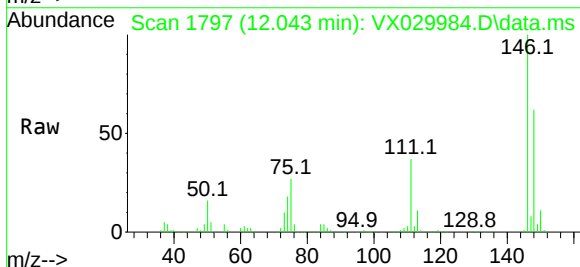
Tgt Ion:146 Resp: 94359
Ion Ratio Lower Upper
146 100
111 38.8 19.8 59.4
148 64.6 31.6 94.8

Manual Integrations
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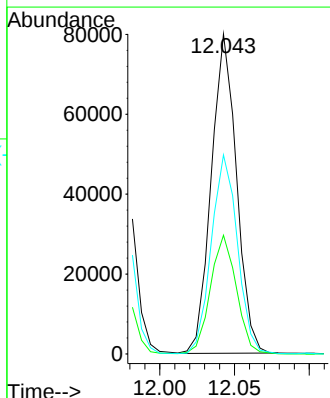
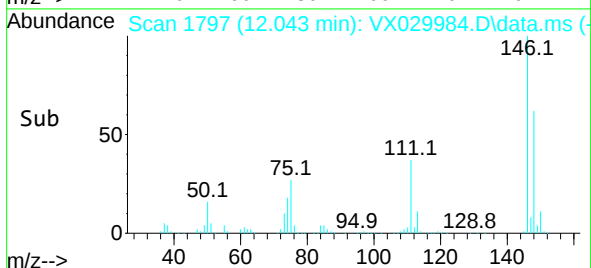
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

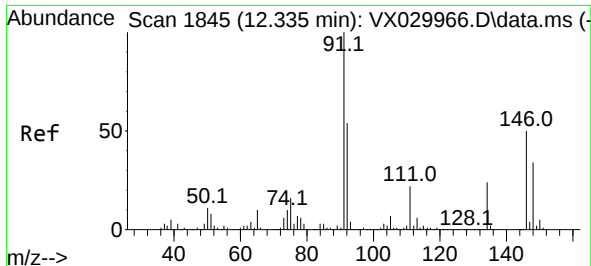


#84
1,4-Dichlorobenzene
Concen: 18.753 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35



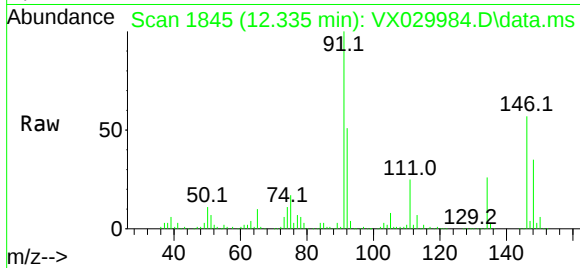
Tgt Ion:146 Resp: 93795
Ion Ratio Lower Upper
146 100
111 38.2 19.2 57.6
148 64.8 32.3 96.8





#85
n-Butylbenzene
Concen: 17.569 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

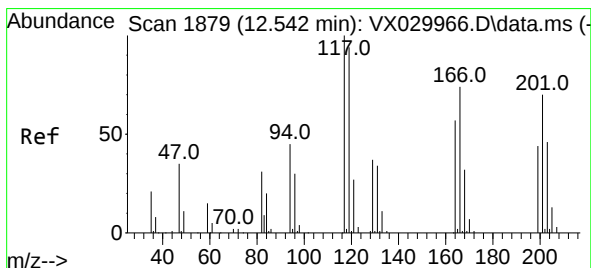
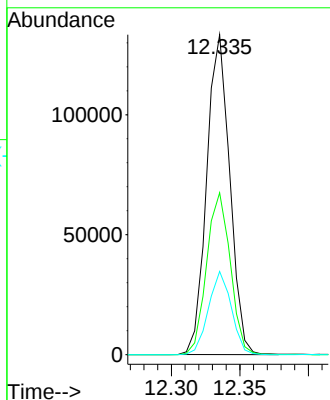
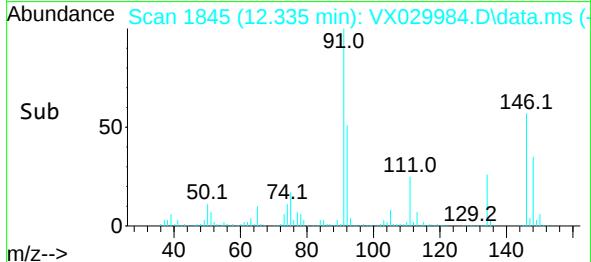
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 15598
Ion Ratio Lower Upper
91 100
92 51.9 0.0 109.4
134 25.8 0.0 56.4

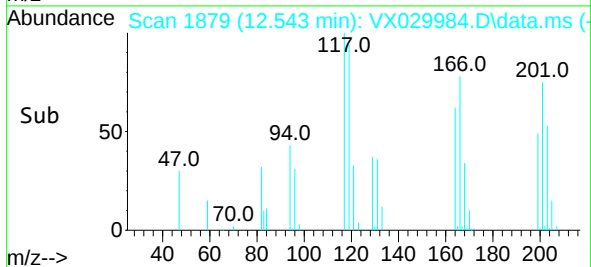
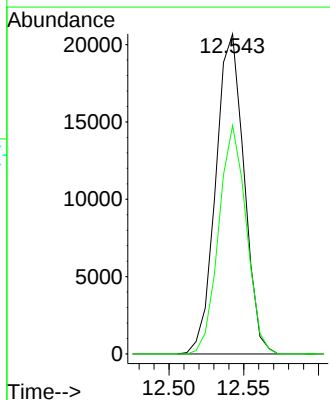
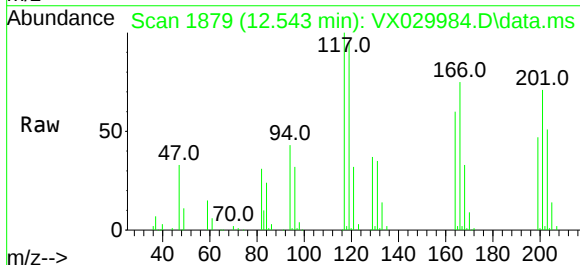
Manual Integrations
APPROVED

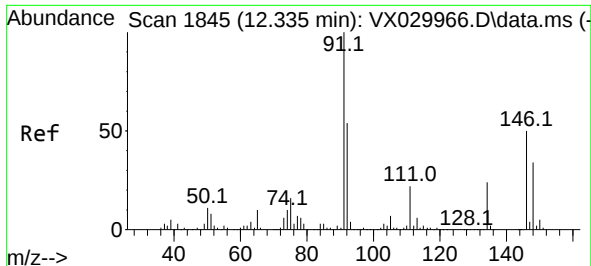
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#86
Hexachloroethane
Concen: 17.316 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

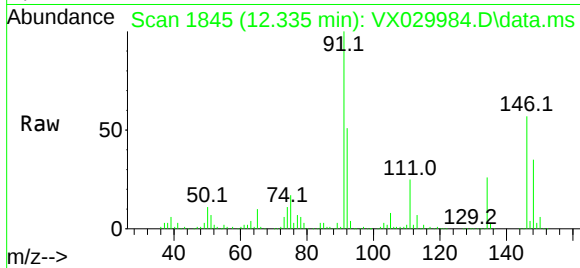
Tgt Ion:117 Resp: 27220
Ion Ratio Lower Upper
117 100
201 69.4 39.5 118.5





#87
1,2-Dichlorobenzene
Concen: 19.609 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

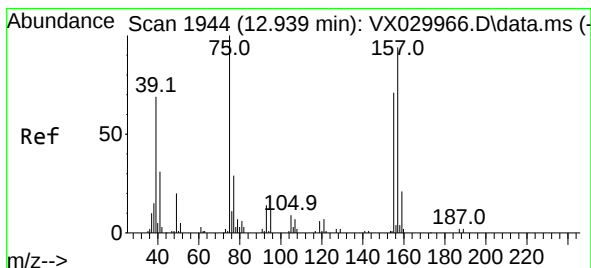
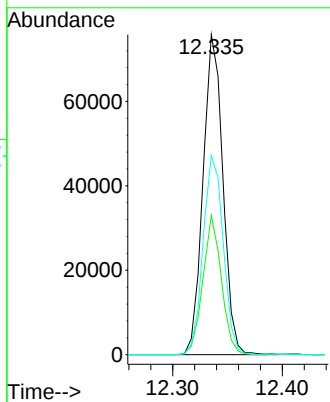
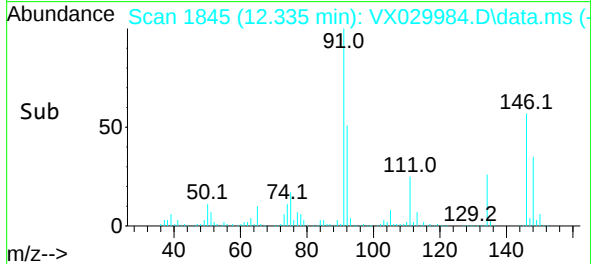
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



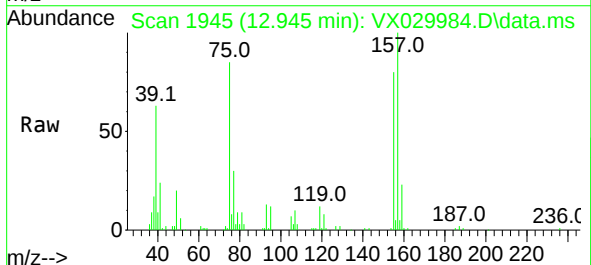
Tgt Ion:146 Resp: 95494
Ion Ratio Lower Upper
146 100
111 40.6 21.1 63.3
148 63.2 31.4 94.2

Manual Integrations
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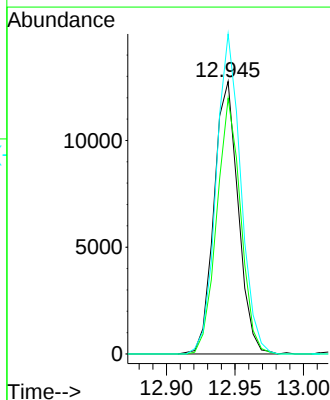
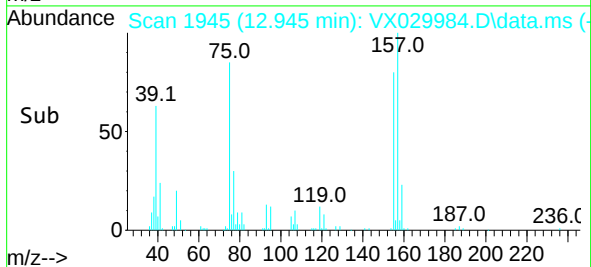
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

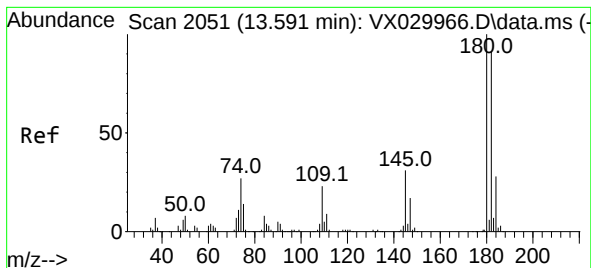


#88
1,2-Dibromo-3-Chloropropane
Concen: 17.761 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35



Tgt Ion: 75 Resp: 15658
Ion Ratio Lower Upper
75 100
155 92.2 74.3 111.5
157 118.8 97.3 145.9





#89

1,2,4-Trichlorobenzene

Concen: 18.771 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX029984.D

Acq: 08 Jul 2022 19:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:180 Resp: 56599

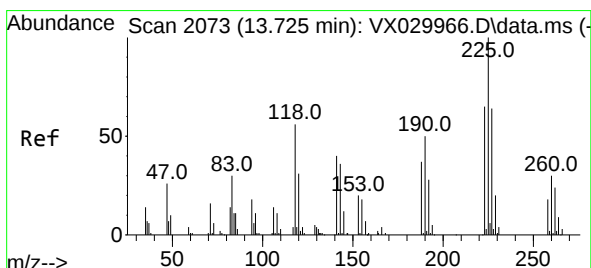
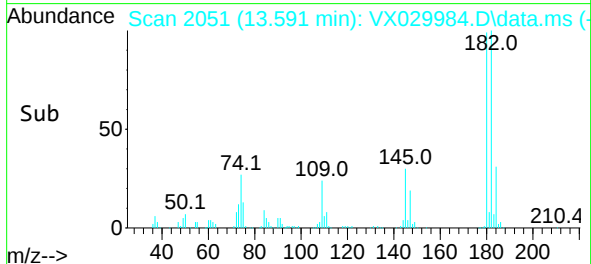
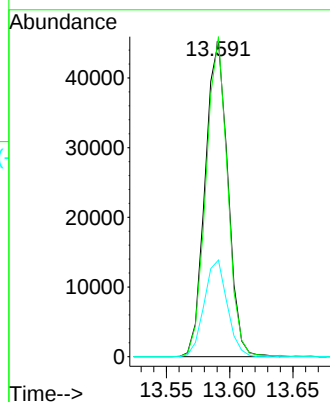
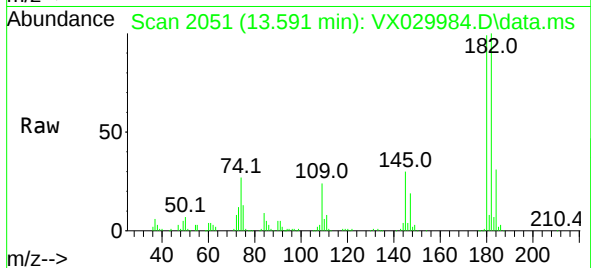
Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.4	116.2
145	31.1	24.2	36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#90

Hexachlorobutadiene

Concen: 18.791 ug/l

RT: 13.725 min Scan# 2073

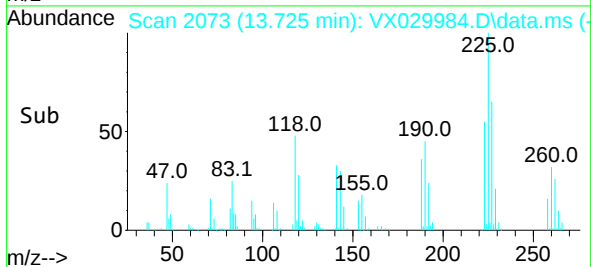
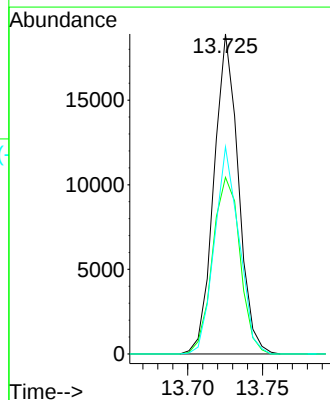
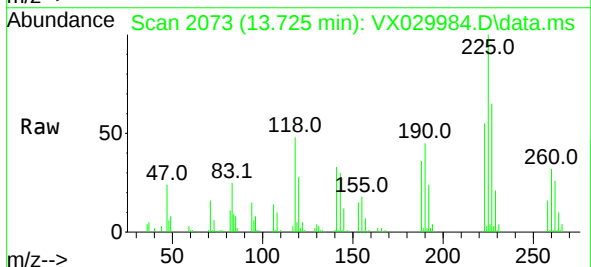
Delta R.T. 0.000 min

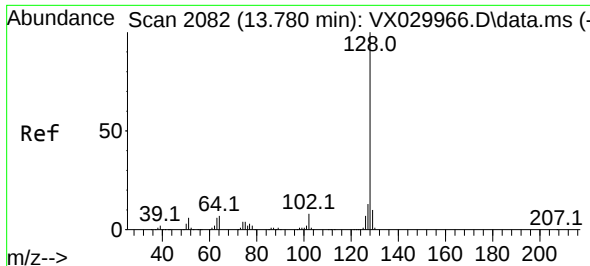
Lab File: VX029984.D

Acq: 08 Jul 2022 19:35

Tgt Ion:225 Resp: 21488

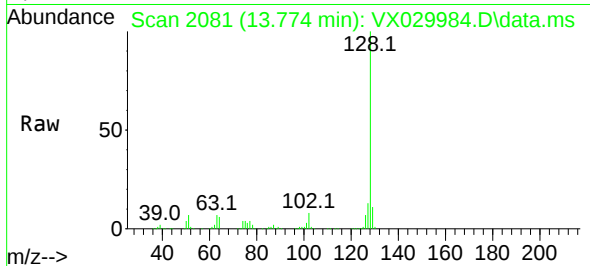
Ion	Ratio	Lower	Upper
225	100		
223	61.9	0.0	126.0
227	65.1	0.0	125.0





#91
Naphthalene
Concen: 18.905 ug/l
RT: 13.774 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

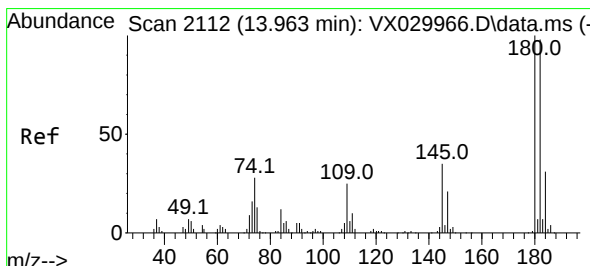
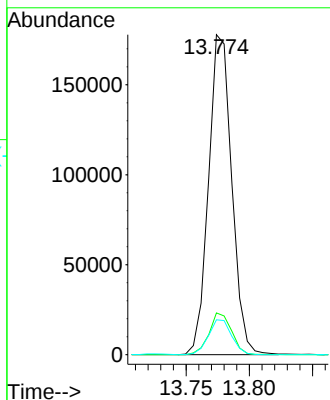
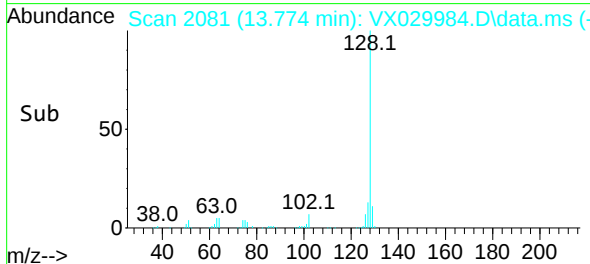
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 227210
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#92
1,2,3-Trichlorobenzene
Concen: 19.433 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX029984.D
Acq: 08 Jul 2022 19:35

Tgt Ion:180 Resp: 59685
Ion Ratio Lower Upper
180 100
182 94.9 0.0 189.4
145 32.7 0.0 67.2

