

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071422\
 Data File : VX030056.D
 Acq On : 14 Jul 2022 13:08
 Operator : JC/MD
 Sample : VX0714WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/15/2022
 Supervised By : Mahesh Dadoda 07/15/2022

Quant Time: Jul 14 13:35:19 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	4.904	128	29356	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	165057	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	147818	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	70390	29.406	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.033%
60) 4-Bromofluorobenzene	11.079	95	82387	29.575	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.567%
63) Toluene-d8	8.653	98	239672	29.902	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.667%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	42700	21.271	ug/l	98
3) Chloromethane	1.288	50	41858	19.996	ug/l	99
4) Vinyl Chloride	1.374	62	45601	19.225	ug/l	100
5) Bromomethane	1.612	94	21227	21.721	ug/l	97
6) Chloroethane	1.685	64	25605	20.157	ug/l	98
7) Trichlorofluoromethane	1.886	101	61589	20.483	ug/l	99
8) Diethyl Ether	2.136	74	23962	18.737	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	42709	21.095	ug/l	94
10) 1,1-Dichloroethene	2.319	96	40156	19.425	ug/l	93
11) Methyl Iodide	2.447	142	38491	24.099	ug/l	90
12) Methyl Acetate	2.709	43	69922	20.768	ug/l	93
13) Acrolein	2.240	56	36112	91.302	ug/l	100
14) Acrylonitrile	3.069	53	146184	100.884	ug/l	98
15) Acetone	2.386	58	39985	101.587	ug/l	85
16) Carbon Disulfide	2.508	76	103002	19.087	ug/l	98
17) Allyl chloride	2.666	41	72063	19.781	ug/l	91
18) Methylene Chloride	2.788	84	48643	20.197	ug/l	98
19) trans-1,2-Dichloroethene	3.093	96	44034	19.628	ug/l	95
20) Diisopropyl ether	3.764	45	143004	19.595	ug/l	92
21) 1,1-Dichloroethane	3.611	63	77440	19.710	ug/l	96
22) cis-1,2-Dichloroethene	4.489	96	52006	19.523	ug/l	97
23) tert-Butyl Alcohol	2.989	59	59351	89.409	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	129899	19.477	ug/l	99
25) Chloroform	5.093	83	79533	20.311	ug/l	100
26) Cyclohexane	5.471	56	73084	20.076	ug/l #	92
29) 1,1-Dichloropropene	5.690	75	59202	20.967	ug/l	97
30) 2-Butanone	4.562	43	199684	104.775	ug/l	99
31) 2,2-Dichloropropane	4.477	77	53785	19.930	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	64186	21.141	ug/l	97
33) Carbon Tetrachloride	5.678	117	53936	21.151	ug/l	96
34) Benzene	6.044	78	185728	20.469	ug/l	96
35) Methacrylonitrile	4.922	41	39555	20.505	ug/l	98
36) 1,2-Dichloroethane	6.092	62	57107	20.675	ug/l #	93
37) Trichloroethene	7.129	130	50327	20.739	ug/l	100
38) Methylcyclohexane	7.379	83	76784	20.958	ug/l	96
39) 1,2-Dichloropropane	7.434	63	46488	20.126	ug/l	100
40) Dibromomethane	7.586	93	31837	20.334	ug/l	93
41) Bromodichloromethane	7.824	83	58927	21.069	ug/l	98
42) Vinyl Acetate	3.727	43	618873	101.542	ug/l	97

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 ClientSampleId :
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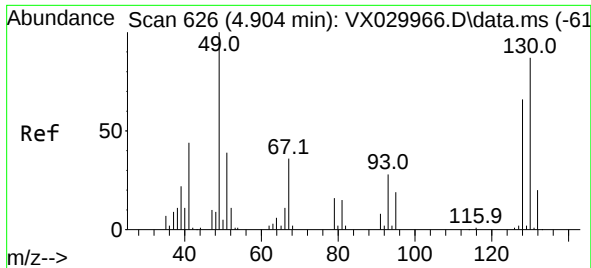
Manual Integrations
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 Supervised By : Mahesh Dadoda 07/15/2022

Quant Time: Jul 14 13:35:19 2022
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 09 02:10:54 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	73972	20.605	ug/l	100
44) Isopropyl Acetate	6.342	43	110166	20.200	ug/l	97
45) 1,4-Dioxane	7.684	88	26777	418.246	ug/l	95
46) Methyl methacrylate	7.696	41	52332	20.248	ug/l	93
47) n-amyl Acetate	10.842	43	88088	18.802	ug/l	96
48) t-1,3-Dichloropropene	8.982	75	59888	19.376	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	69646	20.067	ug/l	95
50) 1,1,2-Trichloroethane	9.153	97	47895	20.648	ug/l	96
51) Ethyl methacrylate	9.116	69	70661	19.576	ug/l	96
52) 1,3-Dichloropropane	9.311	76	76678	20.551	ug/l	99
53) Dibromochloromethane	9.525	129	44259	20.615	ug/l	97
54) 1,2-Dibromoethane	9.610	107	49276	20.457	ug/l	100
55) 2-Chloroethyl vinyl ether	8.245	63	199682	107.318	ug/l	96
56) Bromoform	10.799	173	31231	20.780	ug/l	97
58) 4-Methyl-2-Pentanone	8.574	43	380658	104.255	ug/l	99
59) 2-Hexanone	9.433	43	296247	104.901	ug/l	98
61) Tetrachloroethene	9.275	164	51097	23.022	ug/l	97
62) Toluene	8.720	91	198190	20.156	ug/l	96
64) Chlorobenzene	10.080	112	119442	20.340	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	41928	20.475	ug/l	95
66) Ethyl Benzene	10.195	91	216412	20.711	ug/l	99
67) m/p-Xylenes	10.305	106	169259	41.742	ug/l	99
68) o-Xylene	10.640	106	82121	20.338	ug/l	99
69) Styrene	10.659	104	135704	20.309	ug/l	97
70) Isopropylbenzene	10.964	105	209616	20.618	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.214	83	73265	19.817	ug/l	99
72) 1,2,3-Trichloropropane	11.244	75	66720m	20.077	ug/l	
73) Bromobenzene	11.201	156	49976	20.500	ug/l	94
74) n-propylbenzene	11.305	91	251661	20.635	ug/l	98
75) 2-Chlorotoluene	11.366	91	147976	20.605	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	174279	20.418	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	20920	18.302	ug/l	86
78) 4-Chlorotoluene	11.457	91	162467	20.156	ug/l	98
79) tert-butylbenzene	11.720	119	166225	20.018	ug/l	99
80) 1,2,4-Trimethylbenzene	11.756	105	172363	19.642	ug/l	97
81) sec-Butylbenzene	11.890	105	225625	20.074	ug/l	98
82) p-Isopropyltoluene	12.012	119	179101	19.793	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	92538	19.620	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	92719	19.383	ug/l	99
85) n-Butylbenzene	12.335	91	167458	19.721	ug/l	95
86) Hexachloroethane	12.543	117	29542	19.651	ug/l	86
87) 1,2-Dichlorobenzene	12.335	146	93225	20.016	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.945	75	16569	19.652	ug/l	90
89) 1,2,4-Trichlorobenzene	13.591	180	55396	19.210	ug/l	99
90) Hexachlorobutadiene	13.725	225	22913	20.951	ug/l	99
91) Naphthalene	13.774	128	222201	19.332	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	57456	19.561	ug/l	97

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



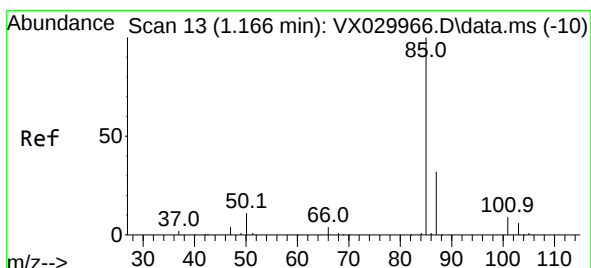
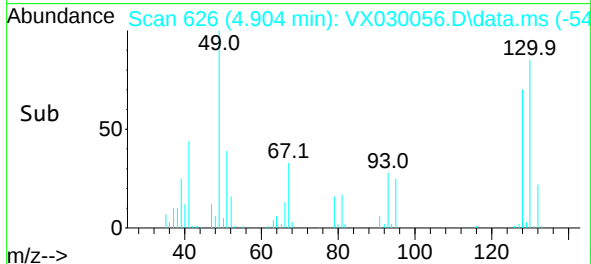
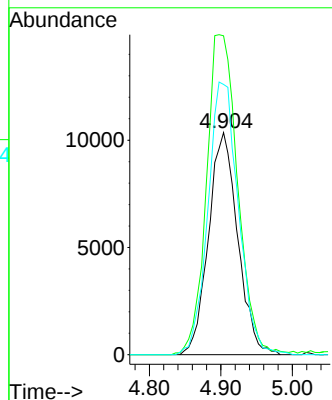
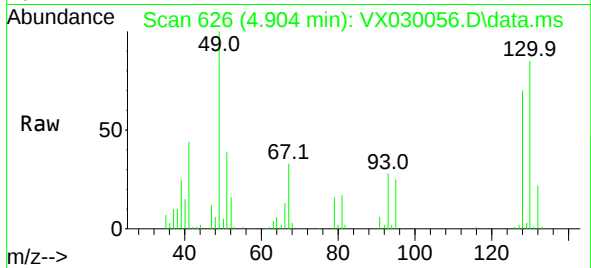
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Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tgt Ion:128 Resp: 29350
Ion Ratio Lower Upper
128 100
49 153.5 0.0 358.3
130 128.3 0.0 319.3

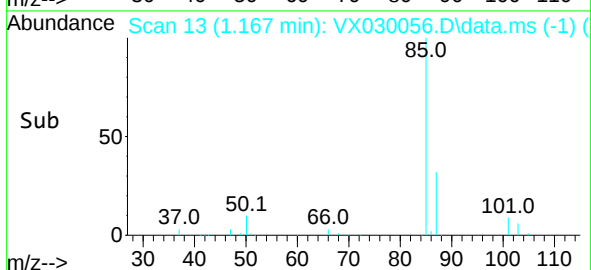
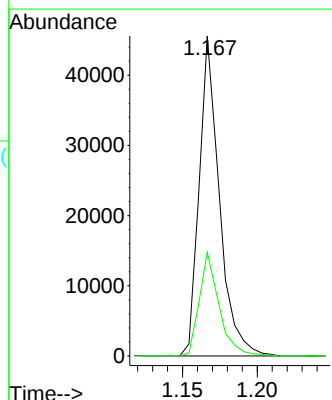
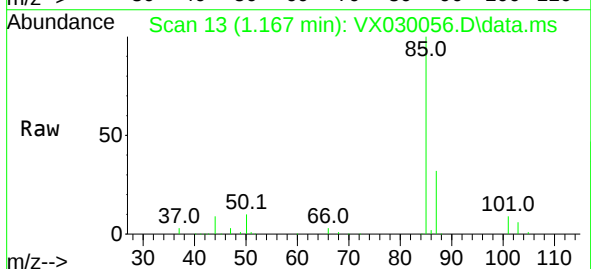
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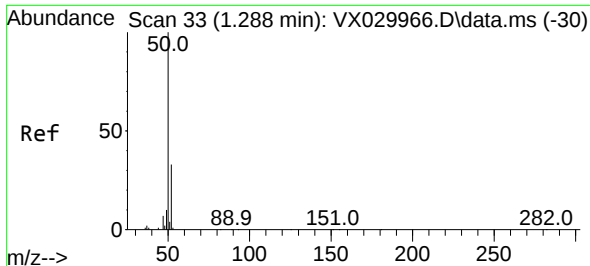
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#2
Dichlorodifluoromethane
Concen: 21.271 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

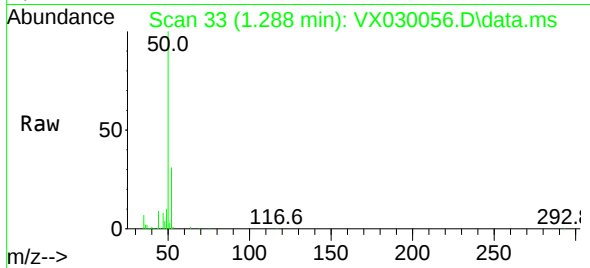
Tgt Ion: 85 Resp: 42700
Ion Ratio Lower Upper
85 100
87 32.4 15.6 46.8





#3
Chloromethane
Concen: 19.996 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

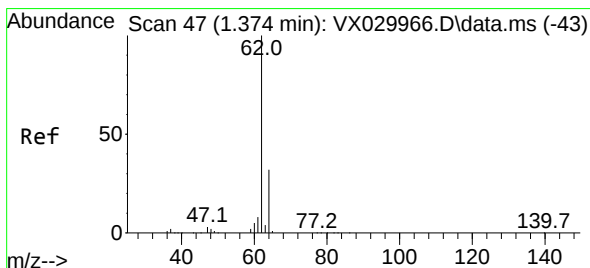
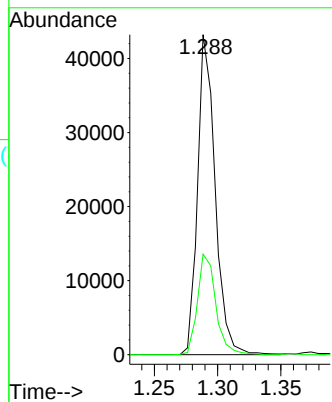
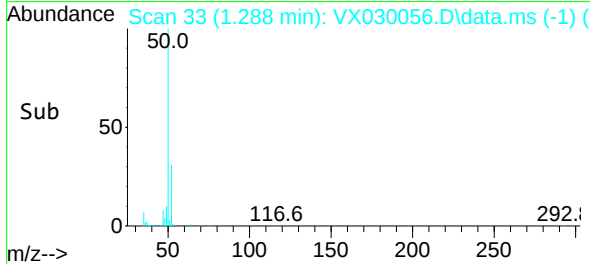
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



Tgt Ion: 50 Resp: 41858
Ion Ratio Lower Upper
50 100
52 31.4 25.6 38.4

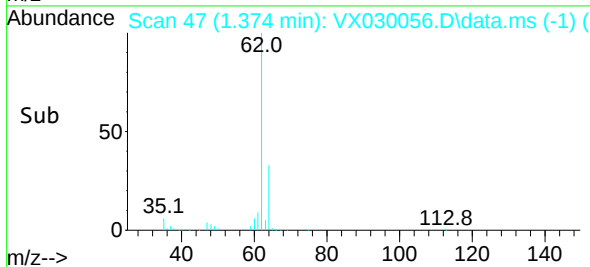
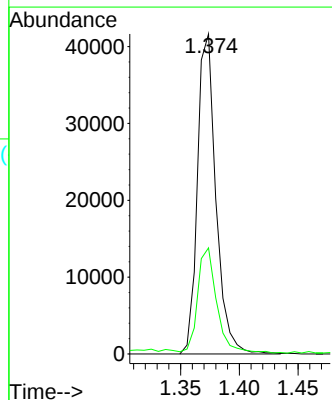
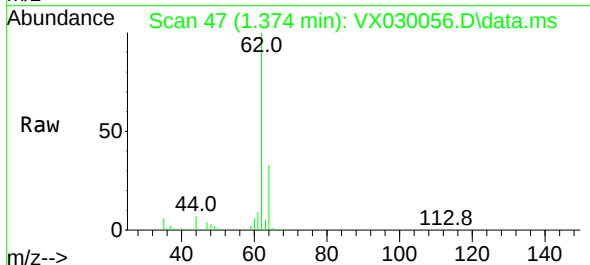
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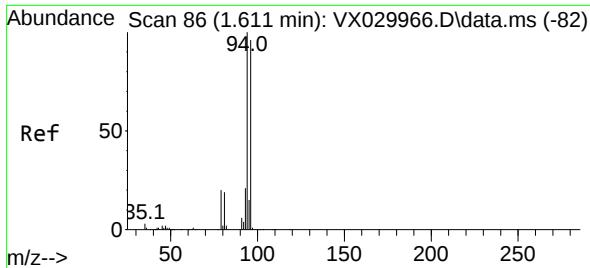
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#4
Vinyl Chloride
Concen: 19.225 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

Tgt Ion: 62 Resp: 45601
Ion Ratio Lower Upper
62 100
64 32.7 26.2 39.2





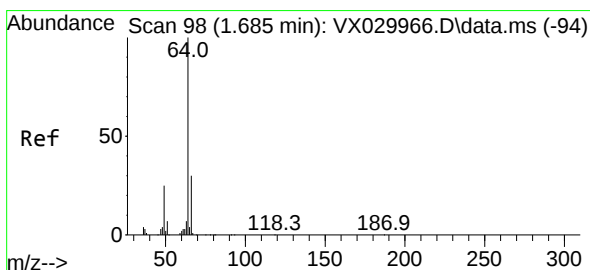
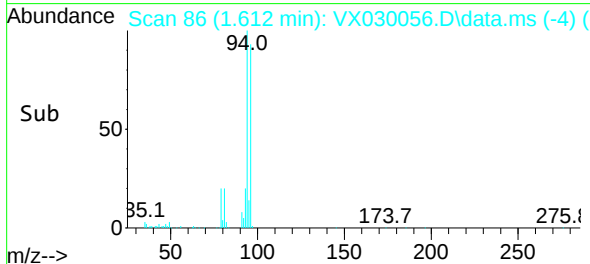
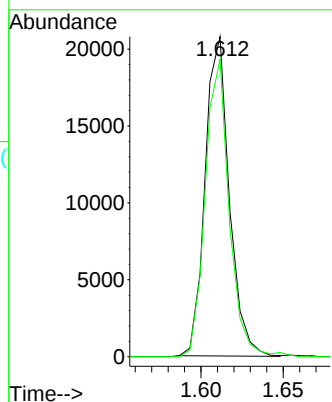
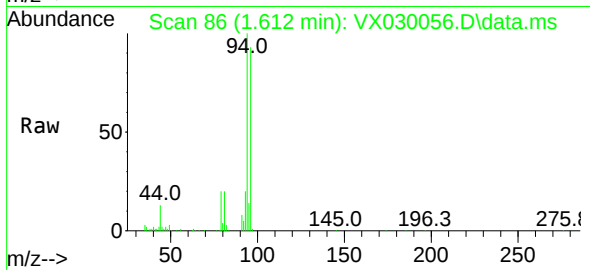
#5
Bromomethane
Concen: 21.721 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tgt Ion: 94 Resp: 2122
Ion Ratio Lower Upper
94 100
96 93.1 77.0 115.6

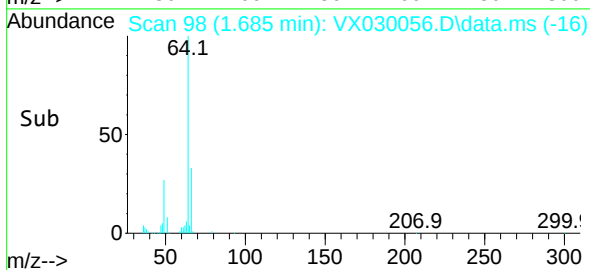
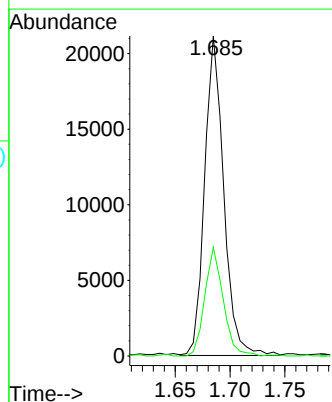
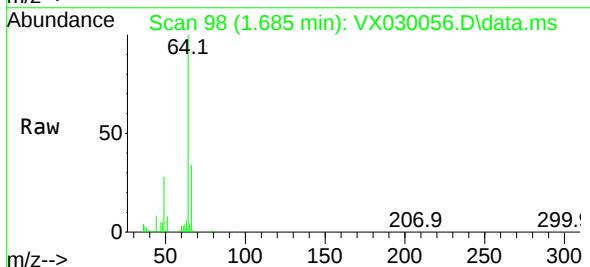
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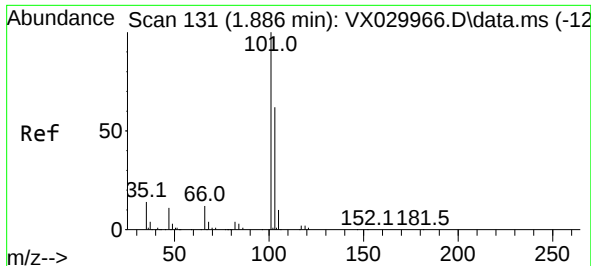
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#6
Chloroethane
Concen: 20.157 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

Tgt Ion: 64 Resp: 25605
Ion Ratio Lower Upper
64 100
66 34.1 26.4 39.6





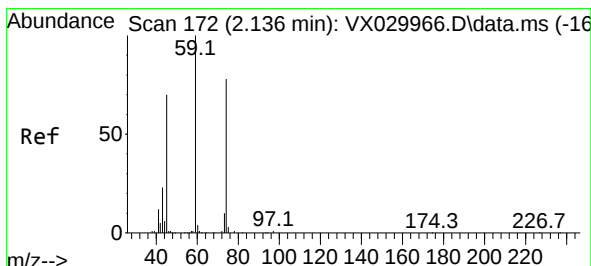
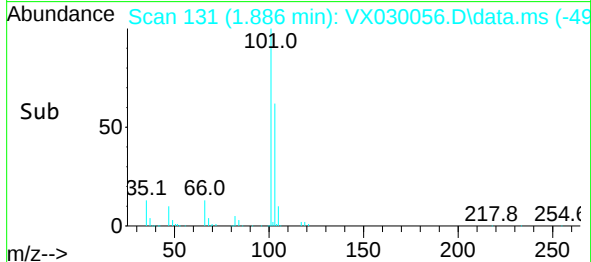
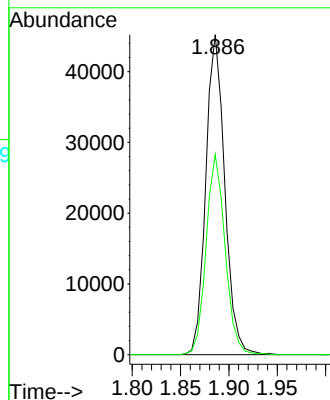
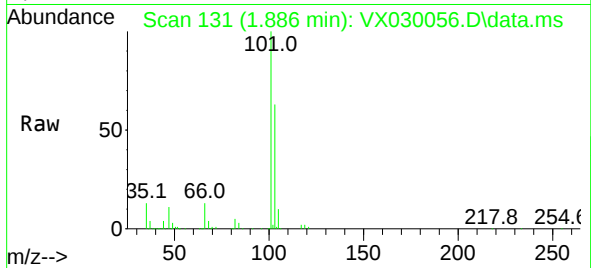
#7
 Trichlorofluoromethane
 Concen: 20.483 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. 0.000 min
 Lab File: VX030056.D
 Acq: 14 Jul 2022 13:08

Instrument :
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Tgt Ion:101 Resp: 61589
 Ion Ratio Lower Upper
 101 100
 103 62.6 49.6 74.4

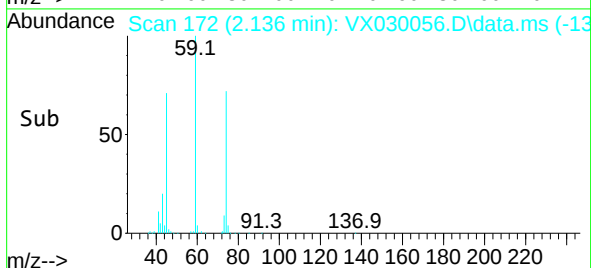
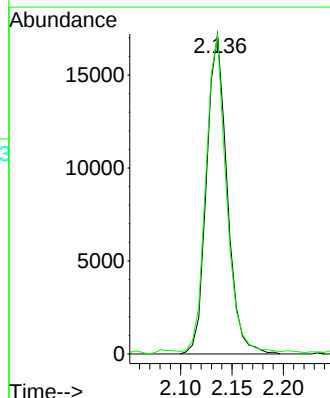
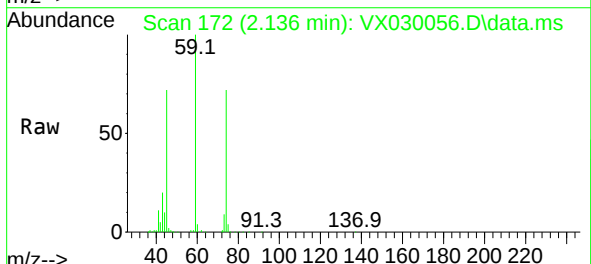
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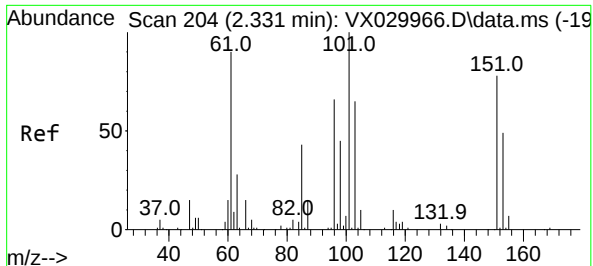
Reviewed By :John Carlone 07/15/2022
 Supervised By :Mahesh Dadoda 07/15/2022



#8
 Diethyl Ether
 Concen: 18.737 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX030056.D
 Acq: 14 Jul 2022 13:08

Tgt Ion: 74 Resp: 23962
 Ion Ratio Lower Upper
 74 100
 45 99.1 18.7 168.7





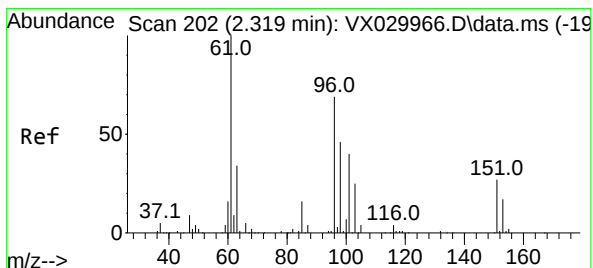
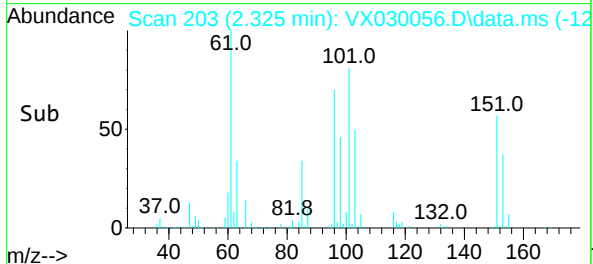
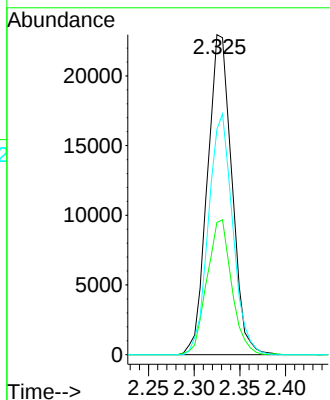
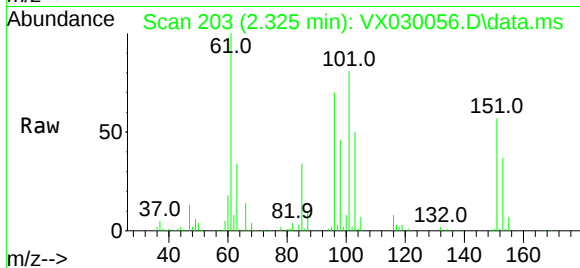
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1,1,2-Trichlorotrifluoroethane
Concen: 21.095 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tgt Ion:101 Resp: 42709
Ion Ratio Lower Upper
101 100
85 42.5 0.0 84.6
151 74.5 0.0 165.4

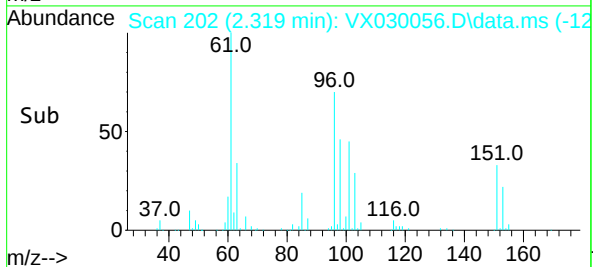
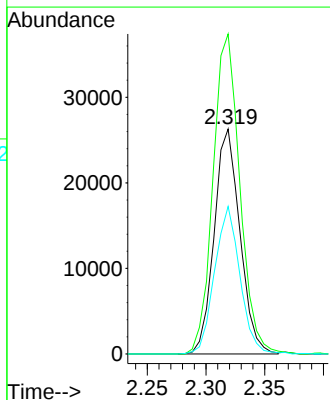
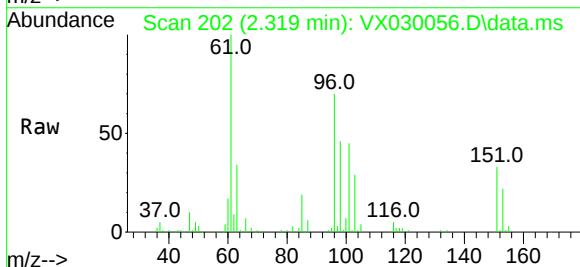
Manual Integrations
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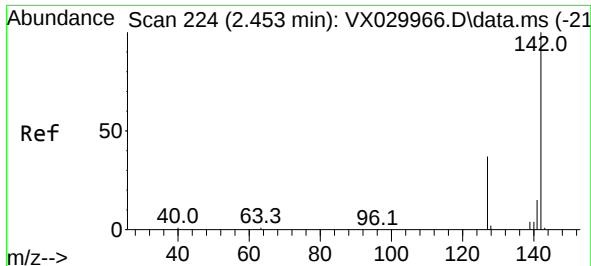
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#10
1,1-Dichloroethene
Concen: 19.425 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

Tgt Ion: 96 Resp: 40156
Ion Ratio Lower Upper
96 100
61 142.2 122.6 183.8
98 65.6 50.1 75.1





#11

Methyl Iodide

Concen: 24.099 ug/l

RT: 2.447 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX030056.D

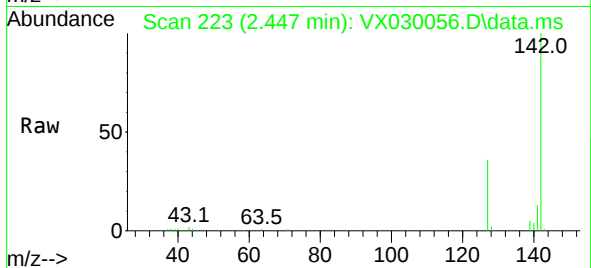
Acq: 14 Jul 2022 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBS01



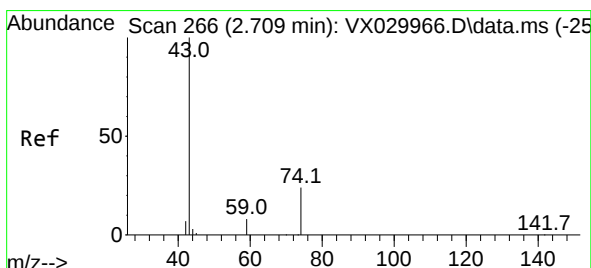
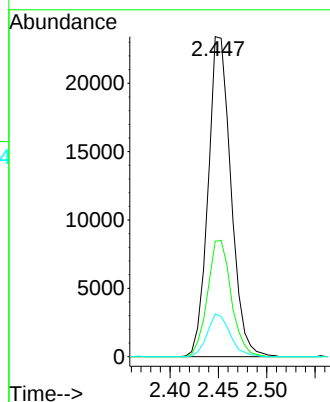
Tgt Ion:142	Resp:	3849
Ion Ratio	Lower	Upper
142	100	
127	36.0	22.3 66.9
141	13.4	7.0 20.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#12

Methyl Acetate

Concen: 20.768 ug/l

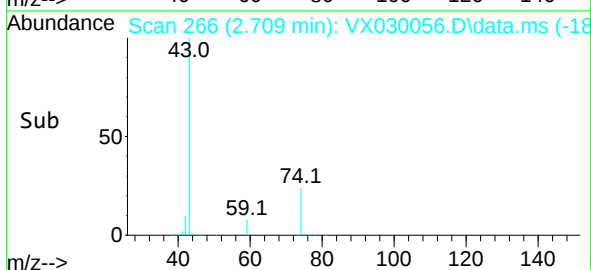
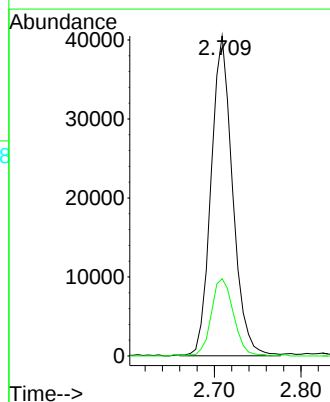
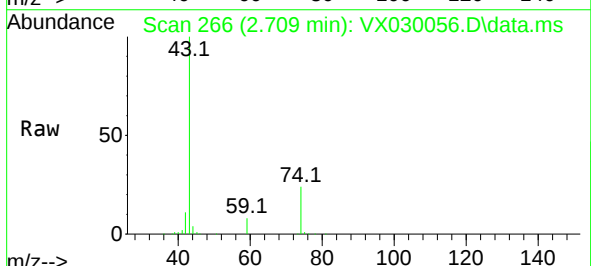
RT: 2.709 min Scan# 266

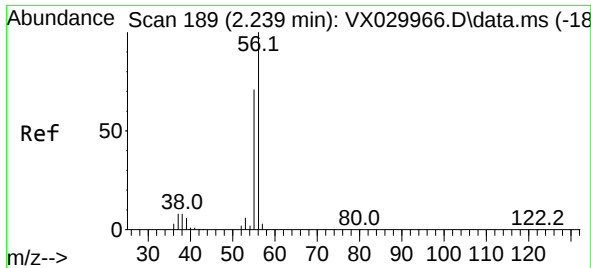
Delta R.T. 0.000 min

Lab File: VX030056.D

Acq: 14 Jul 2022 13:08

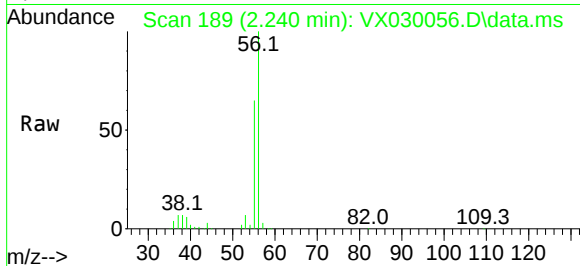
Tgt Ion: 43	Resp:	69922
Ion Ratio	Lower	Upper
43	100	
74	24.0	22.1 33.1





#13
Acrolein
Concen: 91.302 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

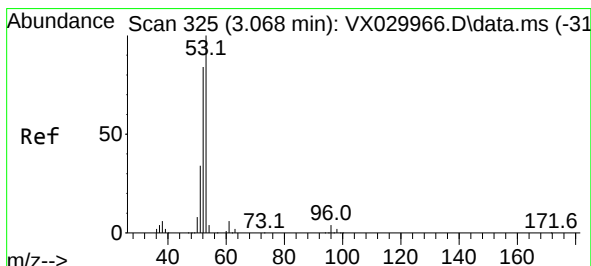
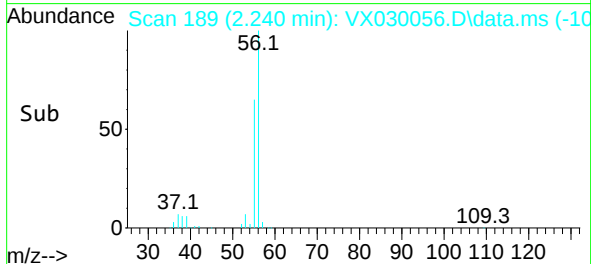
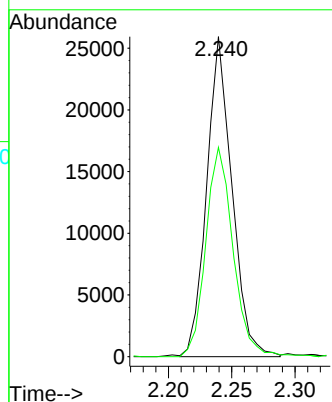
Instrument : MSVOA_X
ClientSampleId : VX0714WBS01



Tgt Ion: 56 Resp: 36112
Ion Ratio Lower Upper
56 100
55 70.5 56.4 84.6

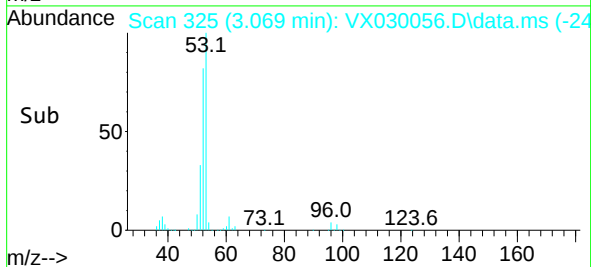
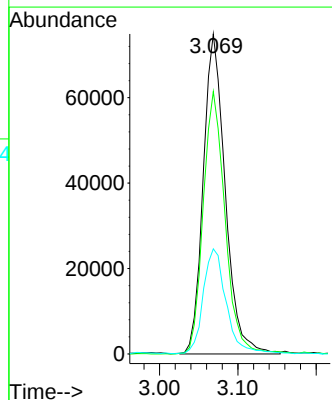
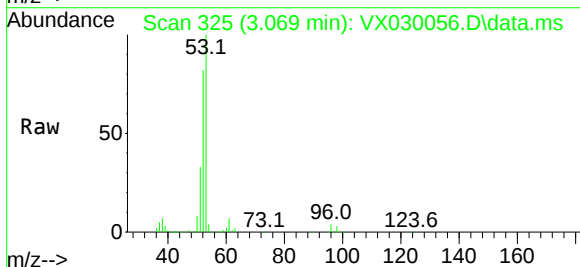
Manual Integrations
APPROVED

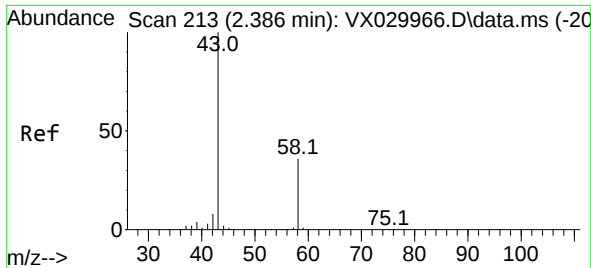
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#14
Acrylonitrile
Concen: 100.884 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

Tgt Ion: 53 Resp: 146184
Ion Ratio Lower Upper
53 100
52 81.1 41.5 124.5
51 34.5 18.1 54.4





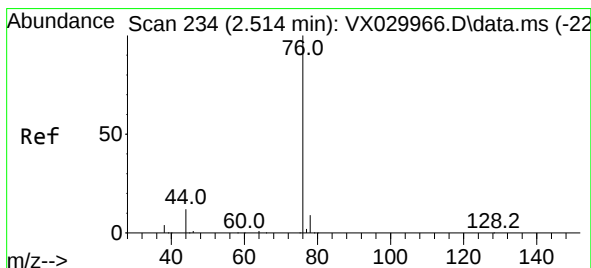
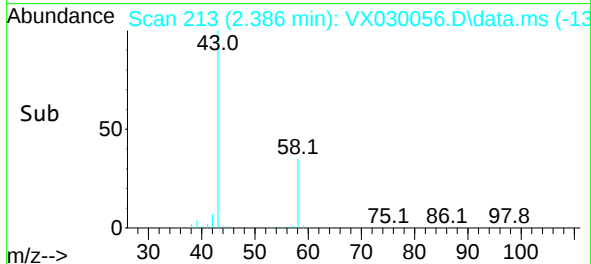
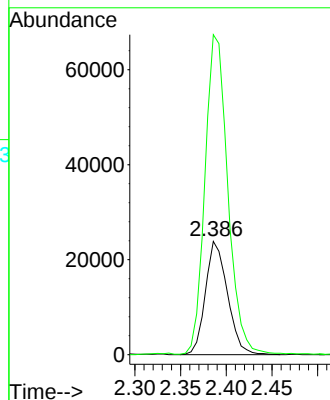
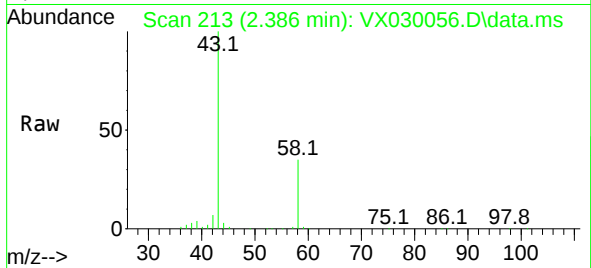
#15
Acetone
Concen: 101.587 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tgt Ion: 58 Resp: 3998
Ion Ratio Lower Upper
58 100
43 282.1 250.2 375.2

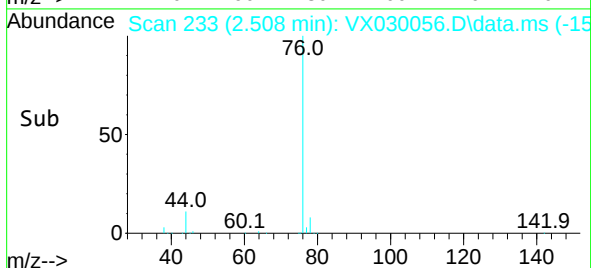
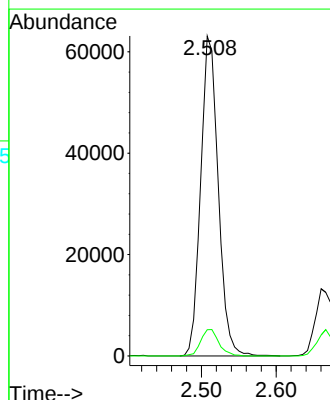
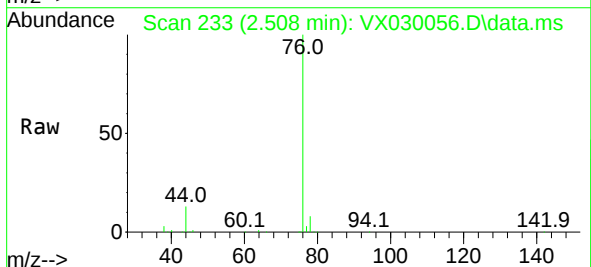
Manual Integrations
APPROVED

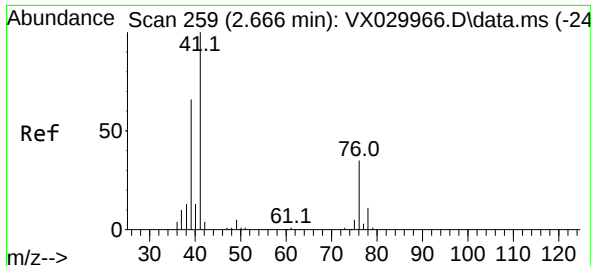
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#16
Carbon Disulfide
Concen: 19.087 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

Tgt Ion: 76 Resp: 103002
Ion Ratio Lower Upper
76 100
78 8.2 7.1 10.7





#17

Allyl chloride

Concen: 19.781 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX030056.D

Acq: 14 Jul 2022 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBS01

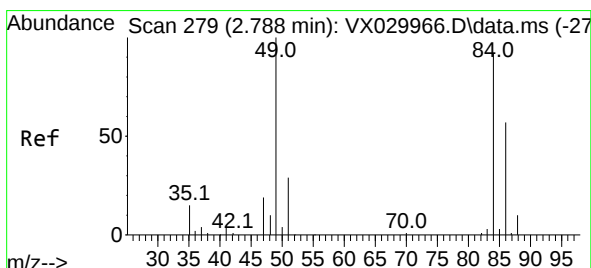
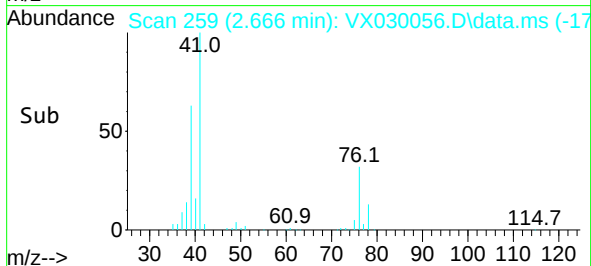
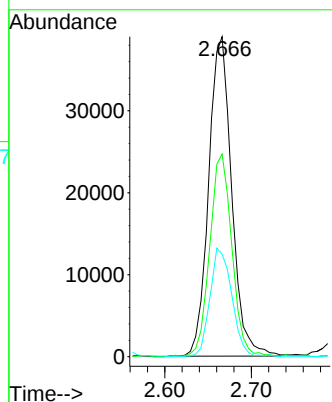
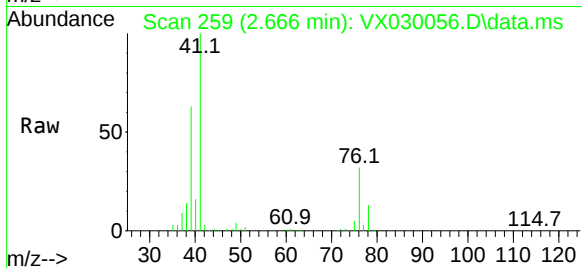
Tgt Ion: 41 Resp: 72063

Ion	Ratio	Lower	Upper
41	100		
39	63.2	35.4	106.1
76	32.1	18.4	55.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#18

Methylene Chloride

Concen: 20.197 ug/l

RT: 2.788 min Scan# 279

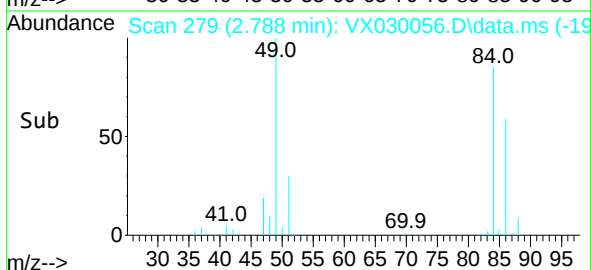
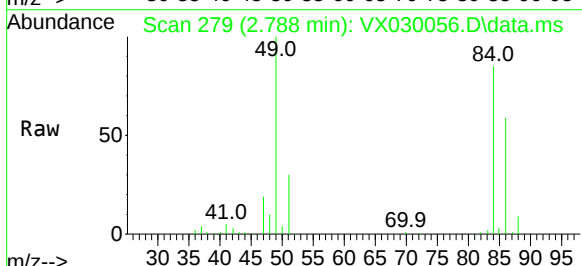
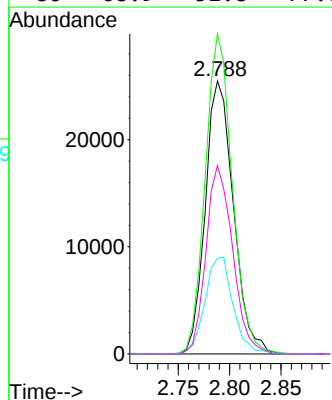
Delta R.T. 0.000 min

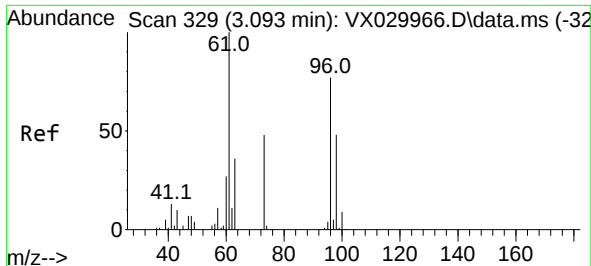
Lab File: VX030056.D

Acq: 14 Jul 2022 13:08

Tgt Ion: 84 Resp: 48643

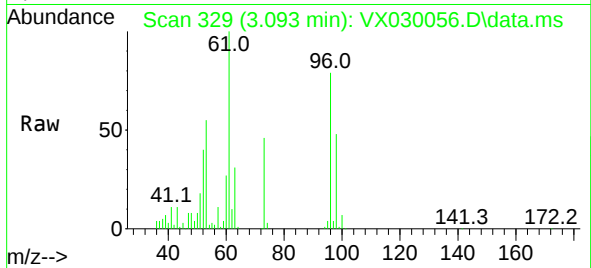
Ion	Ratio	Lower	Upper
84	100		
49	116.7	94.2	141.2
51	35.1	29.2	43.8
86	68.9	51.8	77.6





#19
trans-1,2-Dichloroethene
Concen: 19.628 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

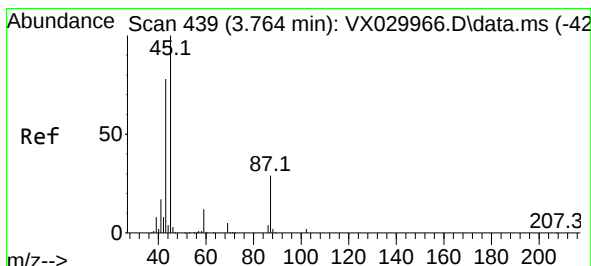
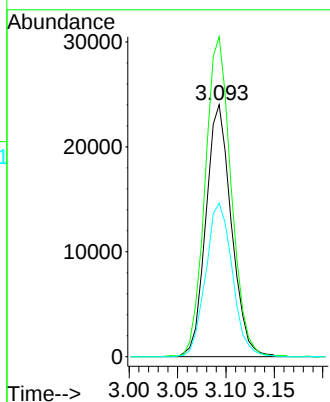
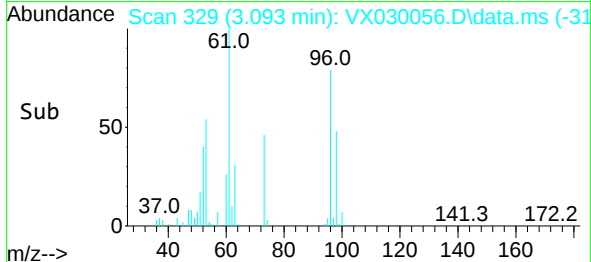
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



Tgt Ion: 96 Resp: 44034
Ion Ratio Lower Upper
96 100
61 126.8 108.7 163.1
98 60.9 49.2 73.8

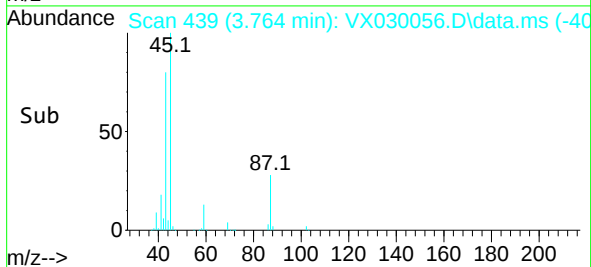
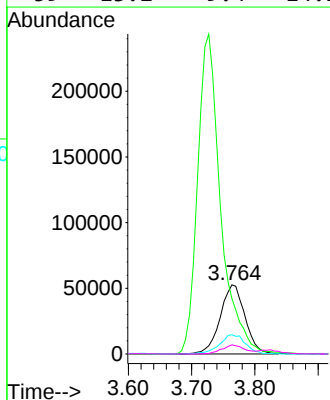
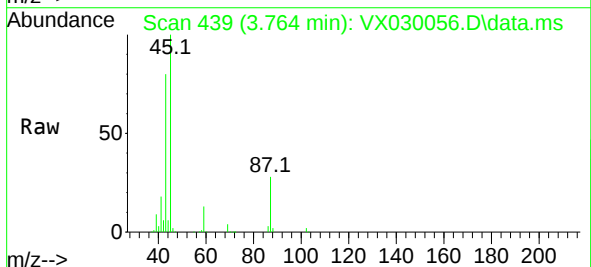
Manual Integrations
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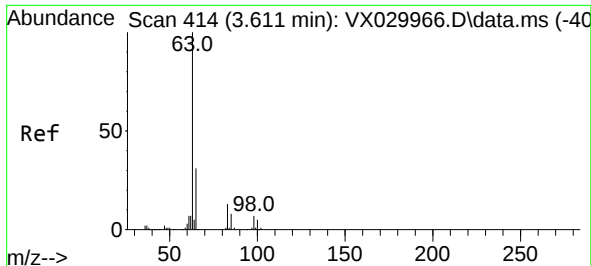
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#20
Diisopropyl ether
Concen: 19.595 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

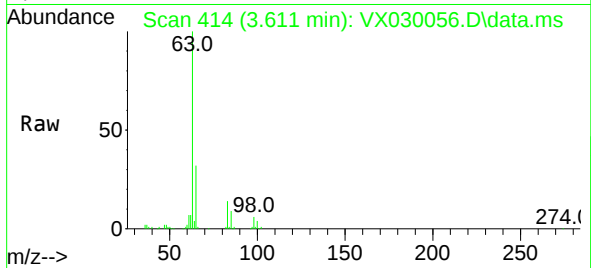
Tgt Ion: 45 Resp: 143004
Ion Ratio Lower Upper
45 100
43 79.2 70.3 105.5
87 27.7 24.5 36.7
59 13.2 9.4 14.2





#21
1,1-Dichloroethane
Concen: 19.710 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

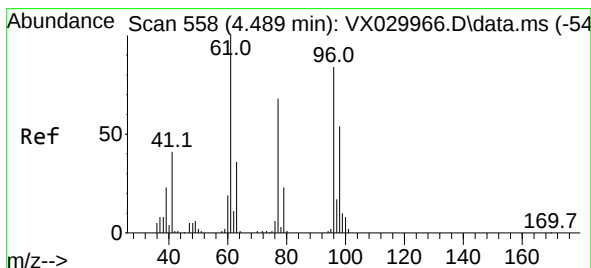
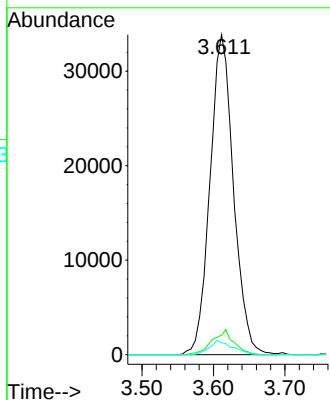
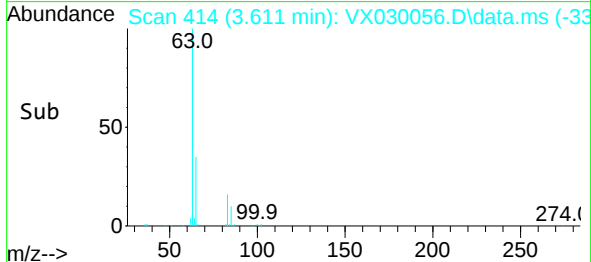
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



Tgt Ion: 63 Resp: 77440
Ion Ratio Lower Upper
63 100
98 6.1 3.8 11.2
100 3.7 2.5 7.5

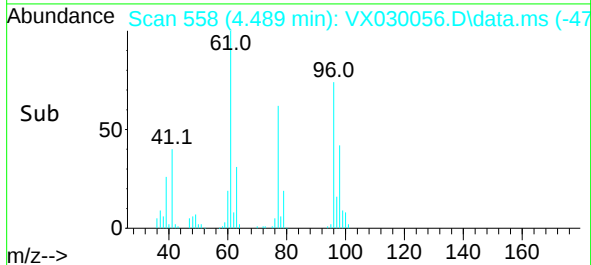
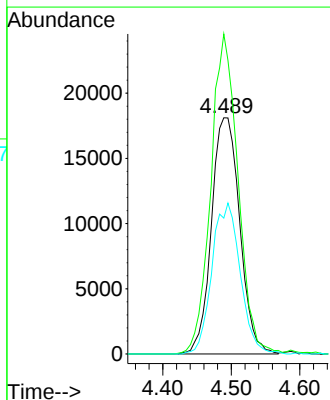
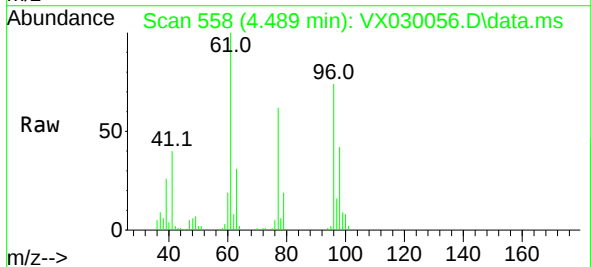
Manual Integrations
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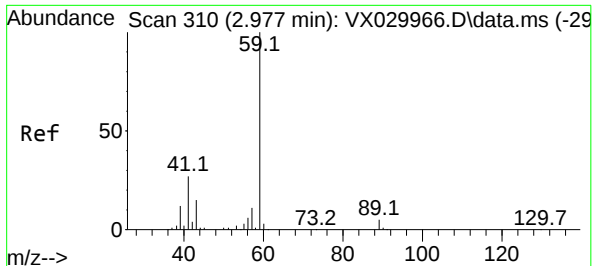
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#22
cis-1,2-Dichloroethene
Concen: 19.523 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

Tgt Ion: 96 Resp: 52006
Ion Ratio Lower Upper
96 100
61 130.1 107.4 161.2
98 63.3 51.1 76.7





#23

tert-Butyl Alcohol

Concen: 89.409 ug/l

RT: 2.989 min Scan# 310

Delta R.T. 0.012 min

Lab File: VX030056.D

Acq: 14 Jul 2022 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBS01

Tgt Ion: 59 Resp: 5935

Ion Ratio Lower Upper

59 100

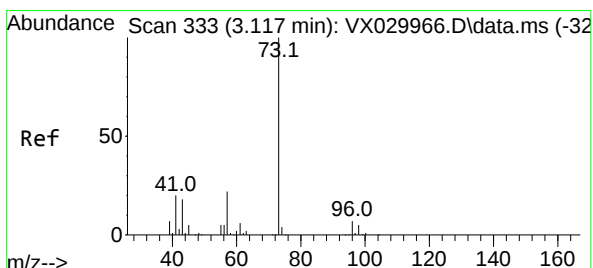
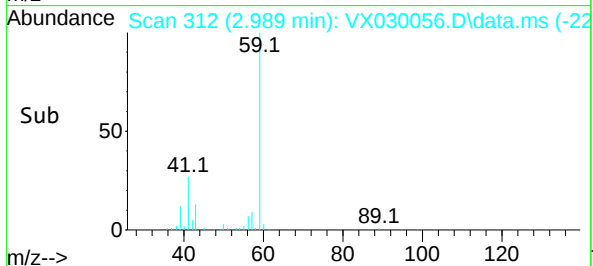
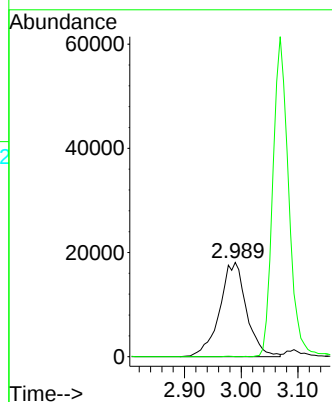
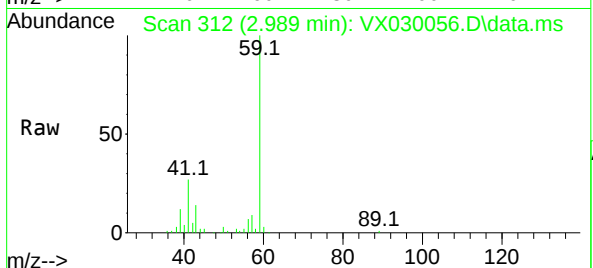
52 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#24

Methyl tert-Butyl Ether

Concen: 19.477 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX030056.D

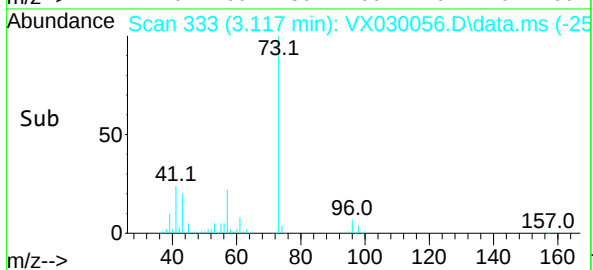
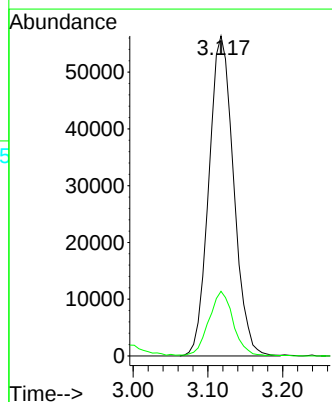
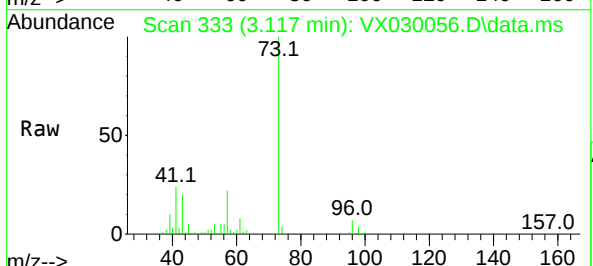
Acq: 14 Jul 2022 13:08

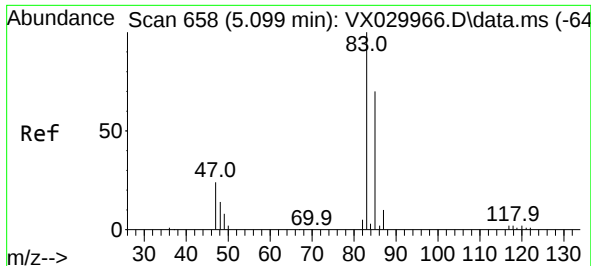
Tgt Ion: 73 Resp: 129899

Ion Ratio Lower Upper

73 100

43 19.8 16.0 24.0





#25

Chloroform

Concen: 20.311 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX030056.D

Acq: 14 Jul 2022 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBS01

Tgt Ion: 83 Resp: 7953

Ion Ratio Lower Upper

83 100

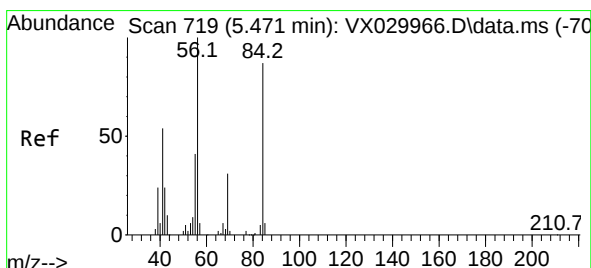
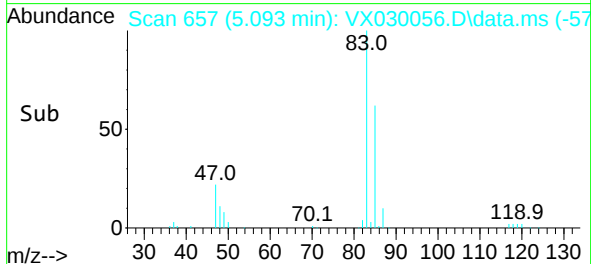
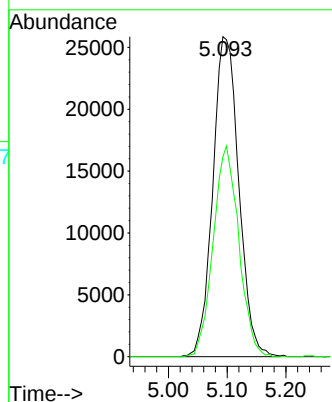
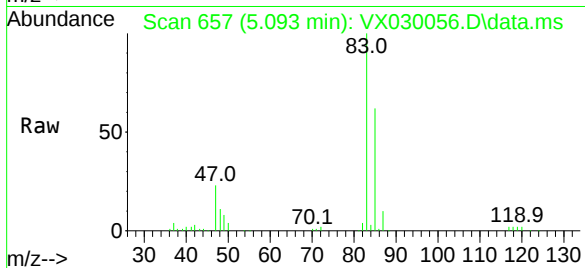
85 62.5 49.9 74.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#26

Cyclohexane

Concen: 20.076 ug/l

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX030056.D

Acq: 14 Jul 2022 13:08

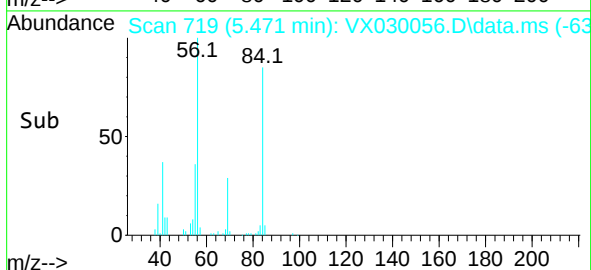
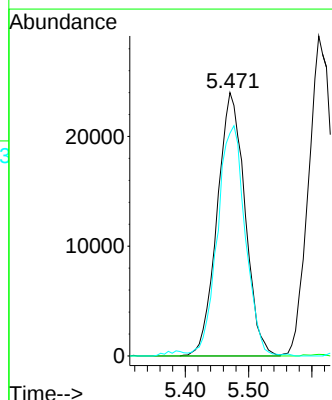
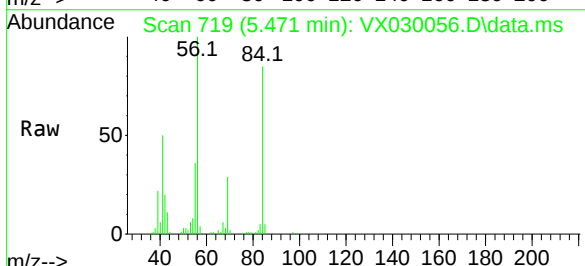
Tgt Ion: 56 Resp: 73084

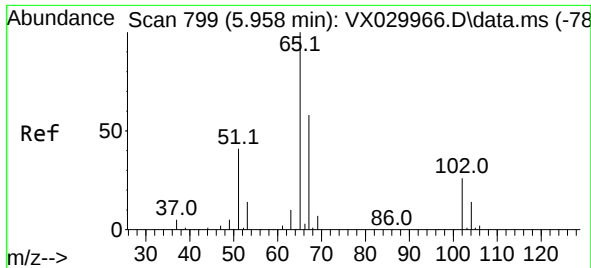
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 87.6 76.2 114.2





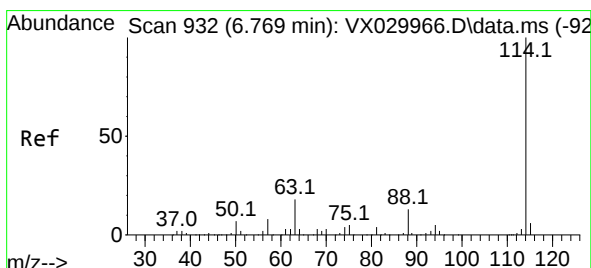
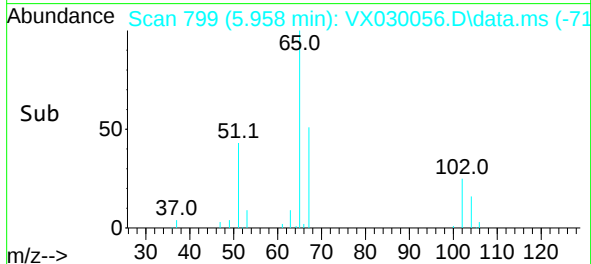
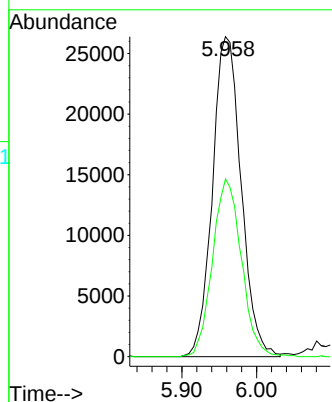
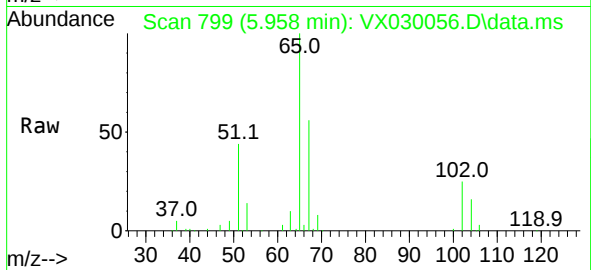
#27
1,2-Dichloroethane-d4
Concen: 29.406 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tgt Ion: 65 Resp: 70390
Ion Ratio Lower Upper
65 100
67 55.8 42.3 63.5

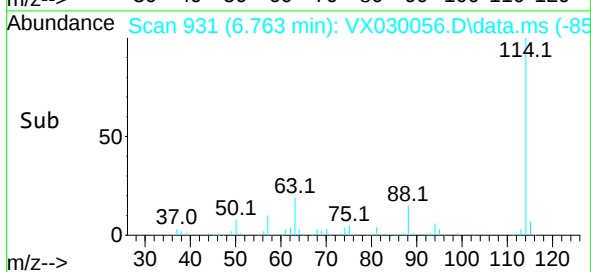
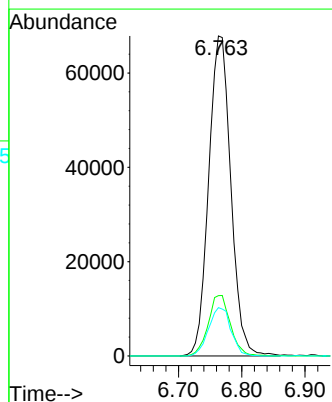
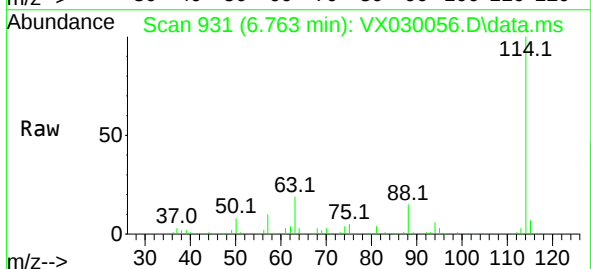
Manual Integrations
APPROVED

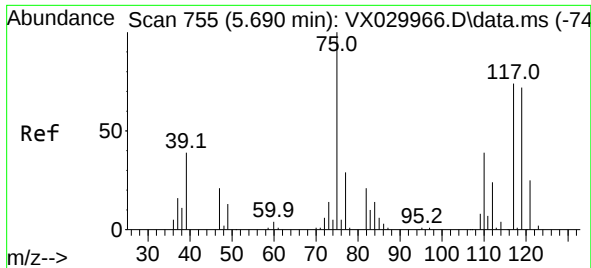
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

Tgt Ion:114 Resp: 165057
Ion Ratio Lower Upper
114 100
63 19.0 15.3 22.9
88 15.3 12.2 18.4





#29

1,1-Dichloropropene

Concen: 20.967 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX030056.D

Acq: 14 Jul 2022 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBS01

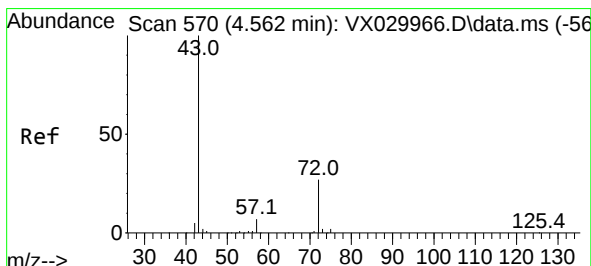
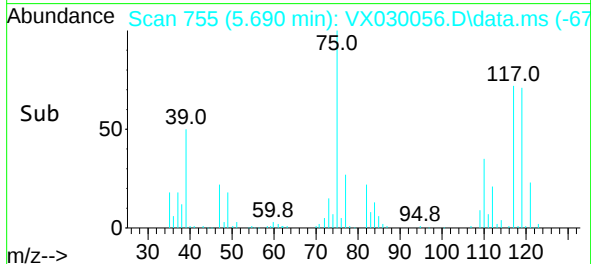
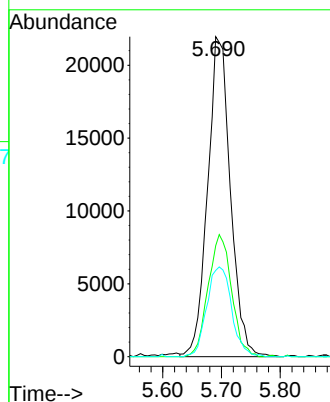
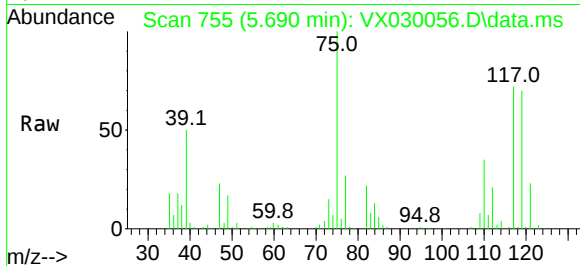
Tgt Ion: 75	Resp: 5920
Ion Ratio	Lower Upper
75 100	
110 39.2	0.0 73.6
77 30.4	0.0 62.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#30

2-Butanone

Concen: 104.775 ug/l

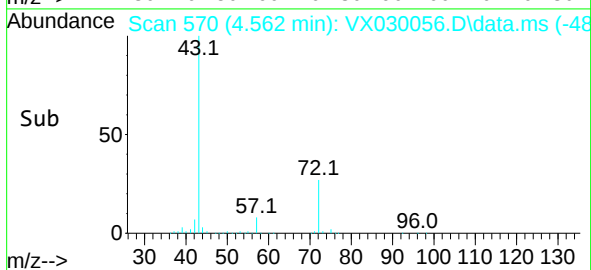
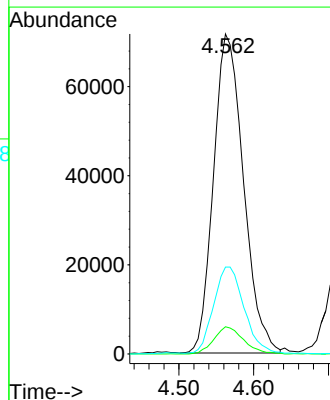
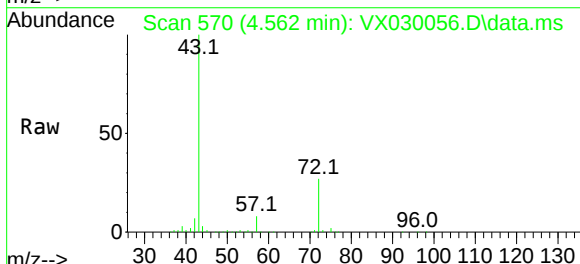
RT: 4.562 min Scan# 570

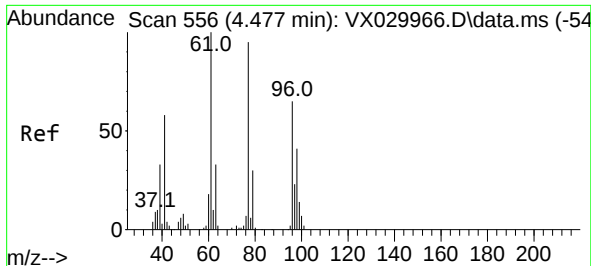
Delta R.T. 0.000 min

Lab File: VX030056.D

Acq: 14 Jul 2022 13:08

Tgt Ion: 43	Resp: 199684
Ion Ratio	Lower Upper
43 100	
57 8.4	6.6 10.0
72 28.0	22.1 33.1





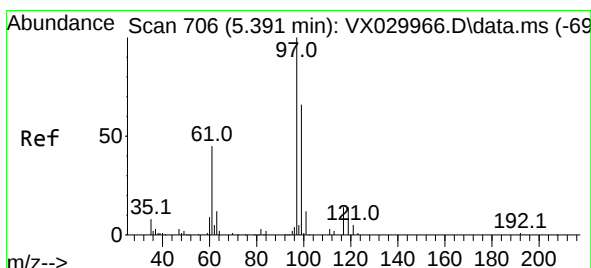
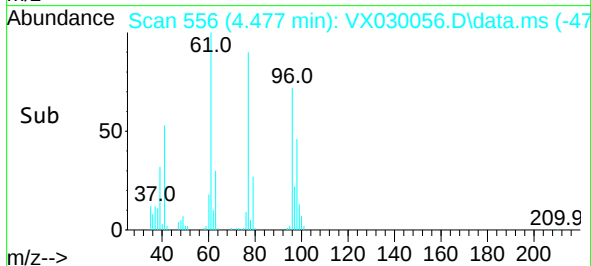
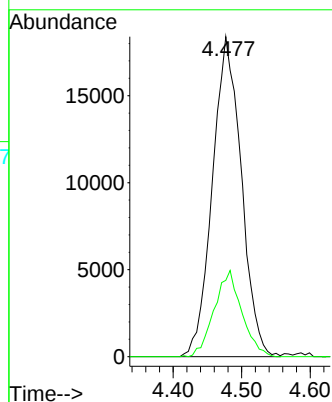
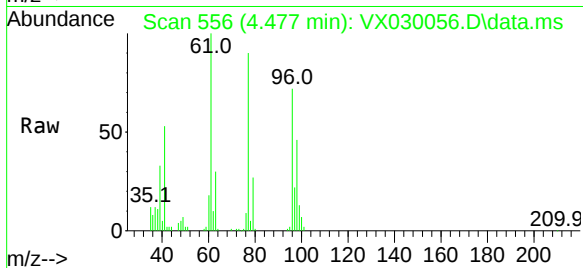
#31
2,2-Dichloropropane
Concen: 19.930 ug/l
RT: 4.477 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tgt Ion: 77 Resp: 5378
Ion Ratio Lower Upper
77 100
97 25.7 18.4 27.6

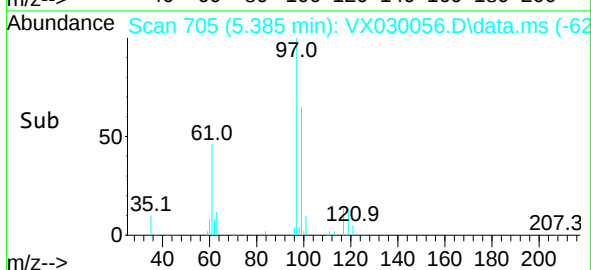
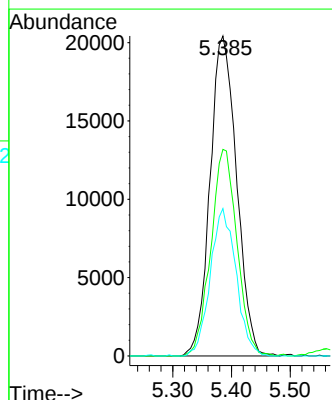
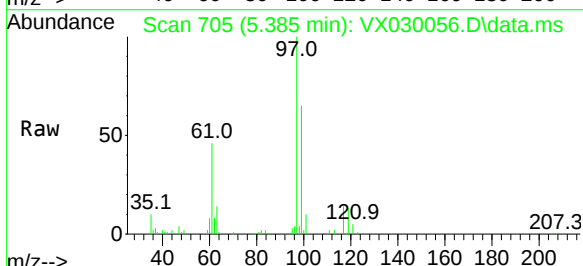
Manual Integrations
APPROVED

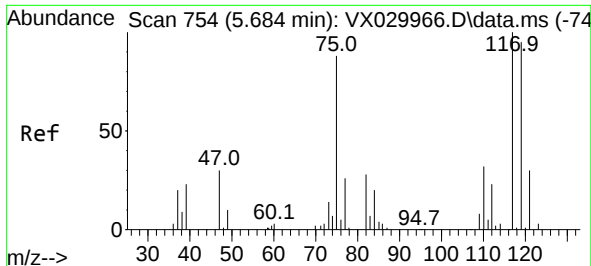
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#32
1,1,1-Trichloroethane
Concen: 21.141 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

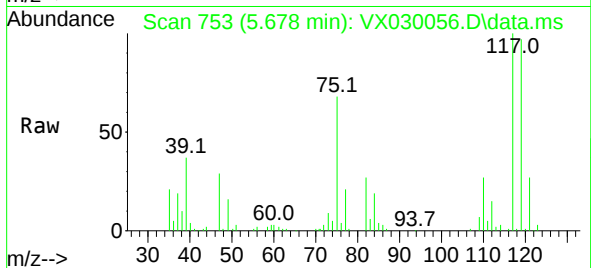
Tgt Ion: 97 Resp: 64186
Ion Ratio Lower Upper
97 100
99 63.4 51.8 77.8
61 44.7 33.4 50.0





#33
Carbon Tetrachloride
Concen: 21.151 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

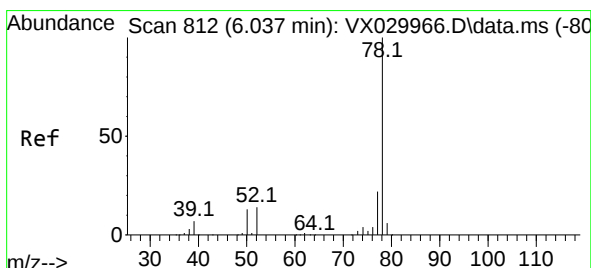
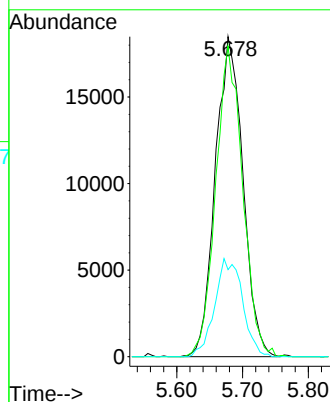
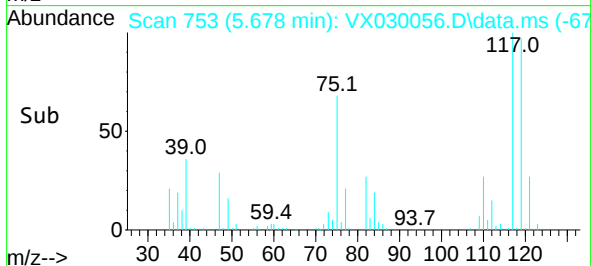
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



Tgt Ion:117 Resp: 53936
Ion Ratio Lower Upper
117 100
119 97.1 75.3 112.9
121 27.2 24.1 36.1

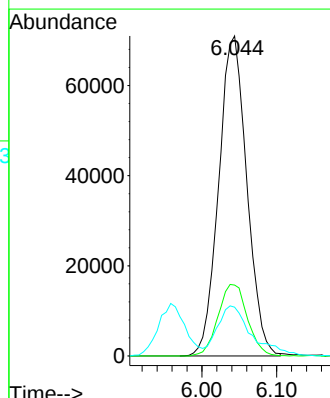
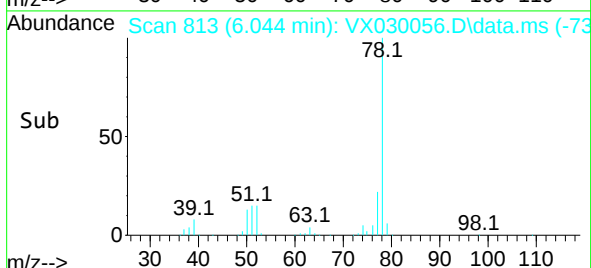
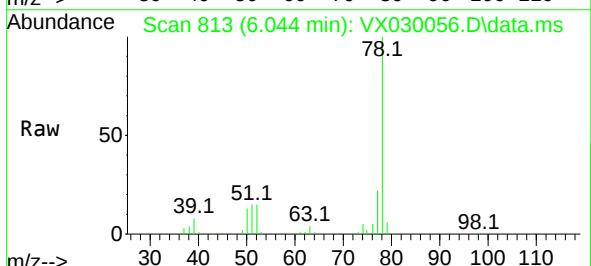
Manual Integrations
APPROVED

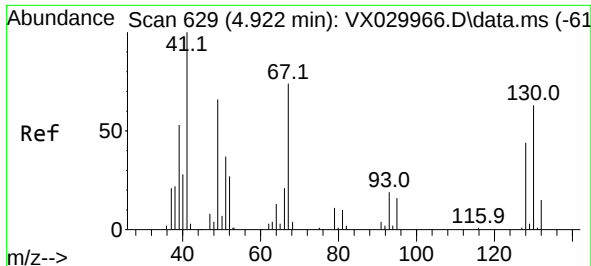
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#34
Benzene
Concen: 20.469 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

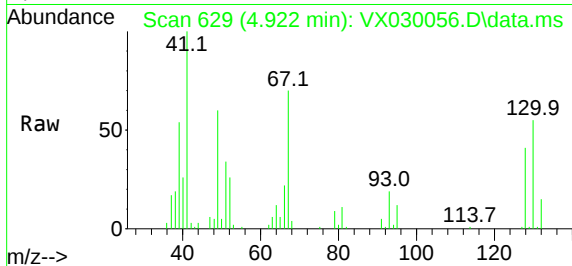
Tgt Ion: 78 Resp: 185728
Ion Ratio Lower Upper
78 100
77 22.2 18.5 27.7
51 13.3 12.9 19.3





#35
Methacrylonitrile
Concen: 20.505 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

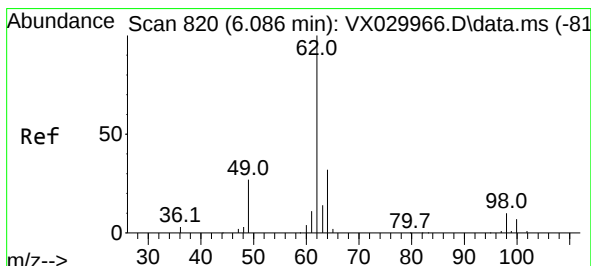
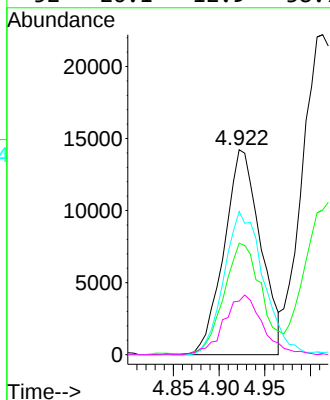
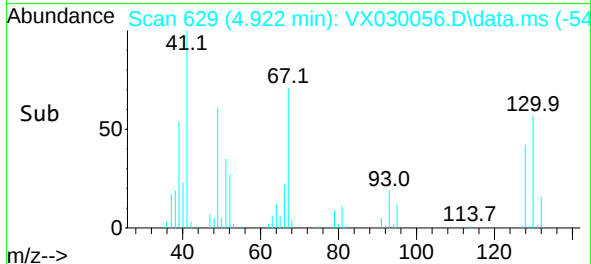
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



Tgt Ion: 41	Resp: 3955
Ion Ratio	Lower Upper
41	100
39	53.8 27.0 81.0
67	69.9 33.3 99.8
52	26.1 12.9 38.7

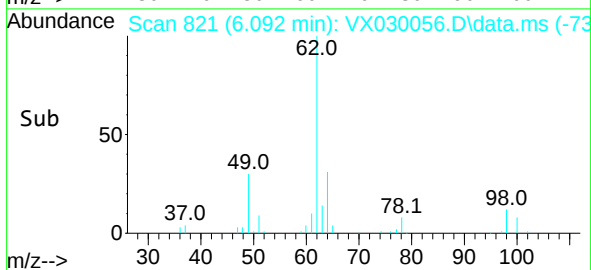
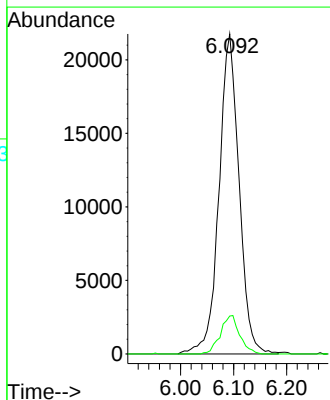
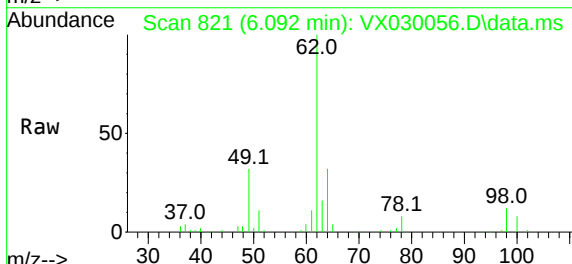
Manual Integrations
APPROVED

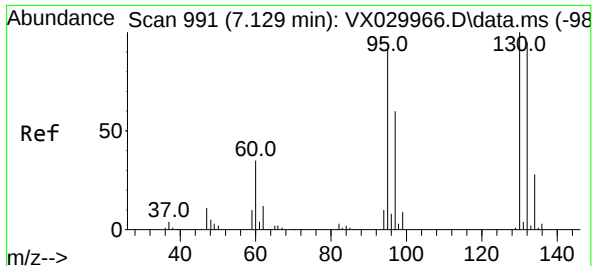
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#36
1,2-Dichloroethane
Concen: 20.675 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

Tgt Ion: 62	Resp: 57107
Ion Ratio	Lower Upper
62	100
98	11.6 7.4 11.0#





#37

Trichloroethene

Concen: 20.739 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX030056.D

Acq: 14 Jul 2022 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBS01

Tgt Ion:130 Resp: 5032

Ion Ratio Lower Upper

130 100

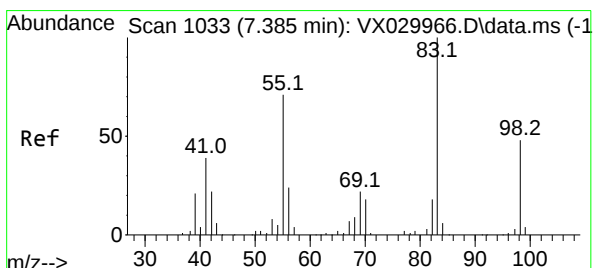
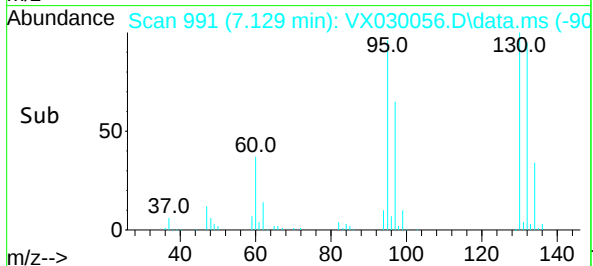
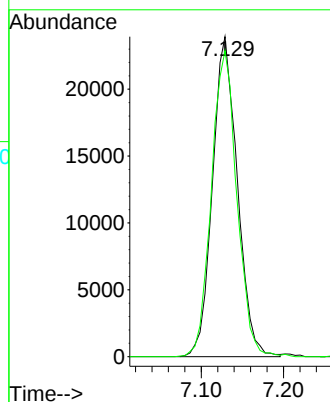
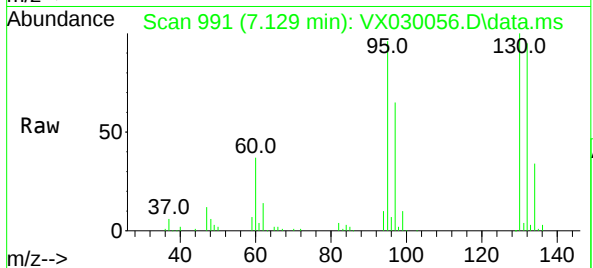
95 95.4 76.5 114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#38

Methylcyclohexane

Concen: 20.958 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX030056.D

Acq: 14 Jul 2022 13:08

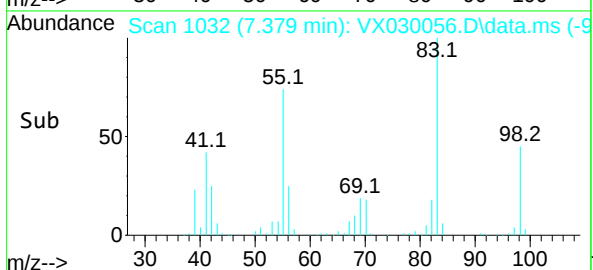
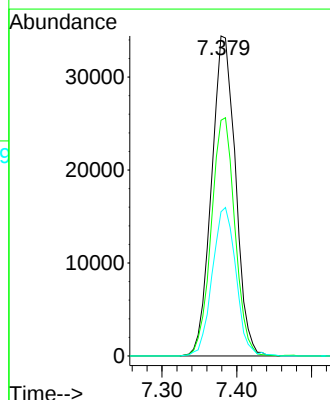
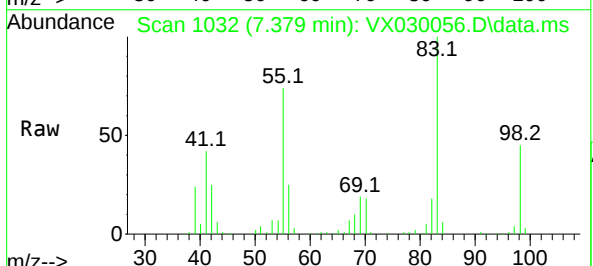
Tgt Ion: 83 Resp: 76784

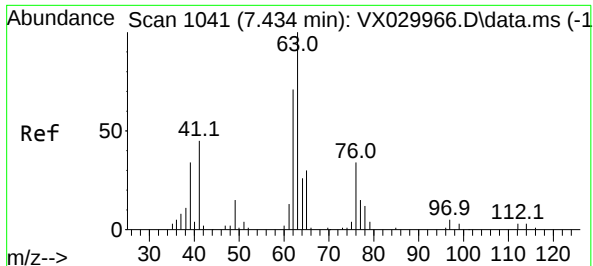
Ion Ratio Lower Upper

83 100

55 73.2 37.0 110.9

98 45.8 25.9 77.8





#39

1,2-Dichloropropane

Concen: 20.126 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX030056.D

Acq: 14 Jul 2022 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBS01

Tgt Ion: 63 Resp: 4648

Ion Ratio Lower Upper

63 100

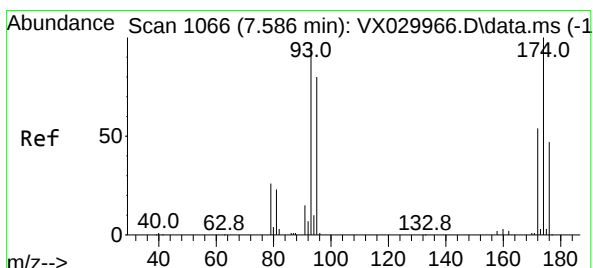
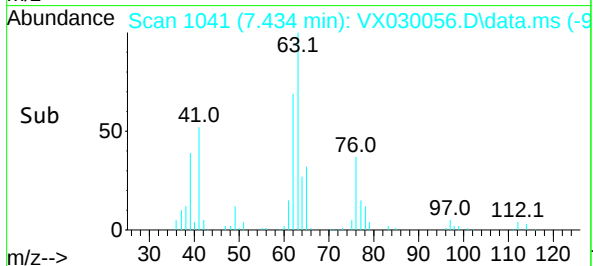
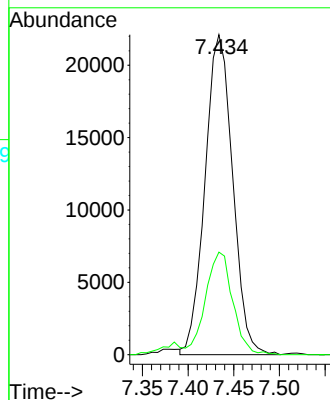
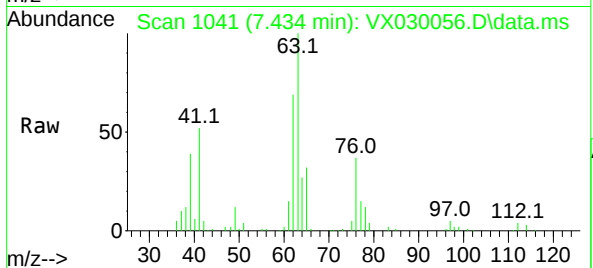
65 32.0 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#40

Dibromomethane

Concen: 20.334 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX030056.D

Acq: 14 Jul 2022 13:08

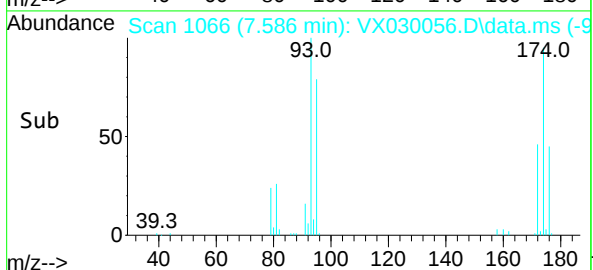
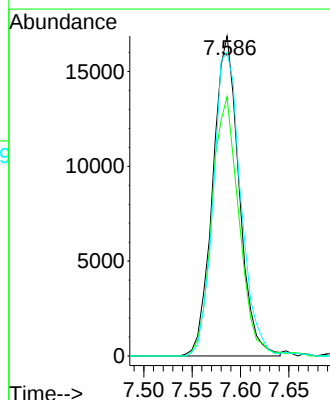
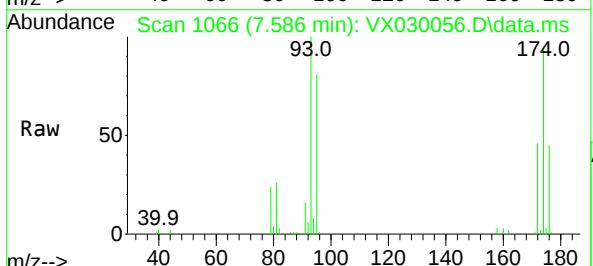
Tgt Ion: 93 Resp: 31837

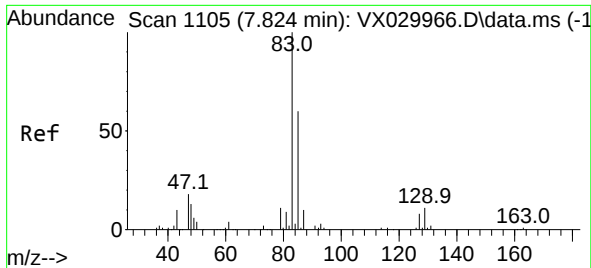
Ion Ratio Lower Upper

93 100

95 83.1 0.0 168.8

174 99.0 0.0 220.8





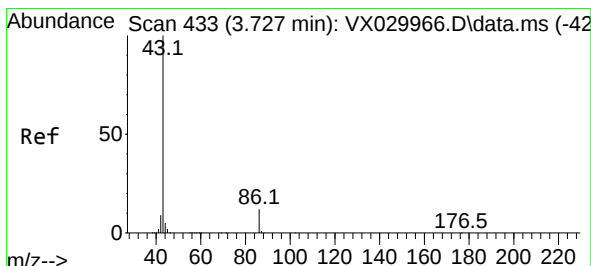
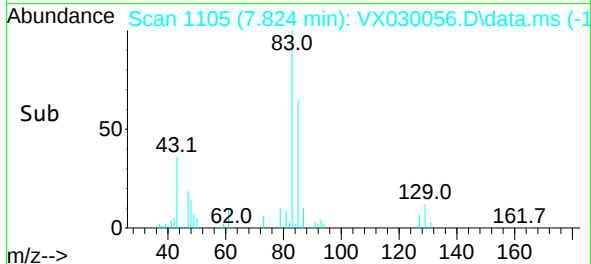
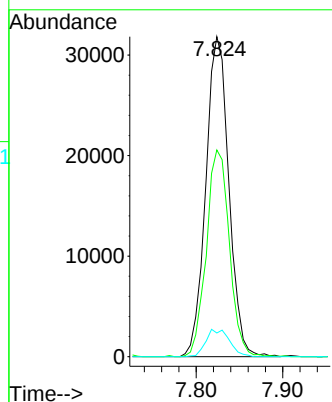
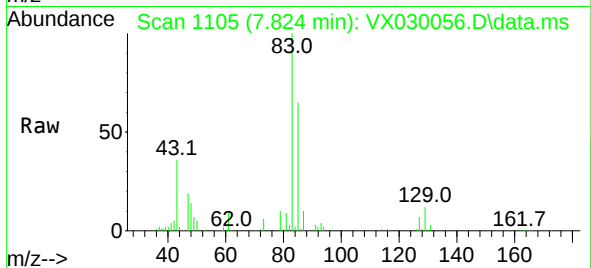
#41
Bromodichloromethane
Concen: 21.069 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tgt Ion: 83 Resp: 58927
Ion Ratio Lower Upper
83 100
85 64.6 50.6 75.8
127 7.4 7.0 10.6

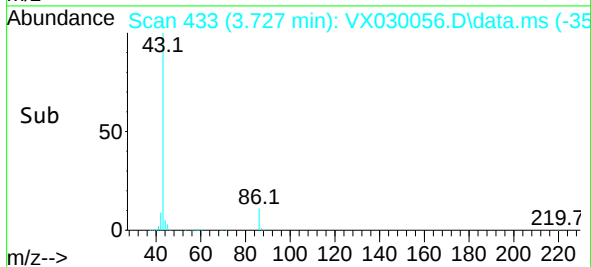
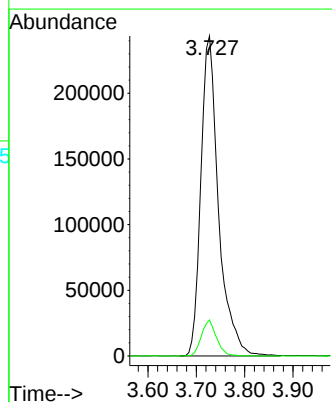
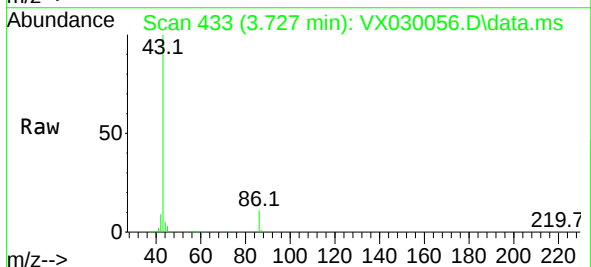
Manual Integrations
APPROVED

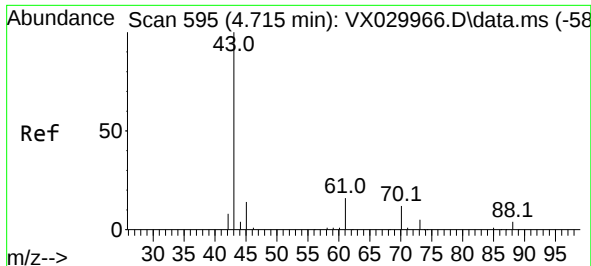
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#42
Vinyl Acetate
Concen: 101.542 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

Tgt Ion: 43 Resp: 618873
Ion Ratio Lower Upper
43 100
86 9.5 8.5 12.7





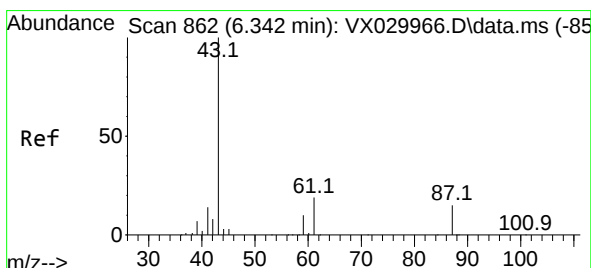
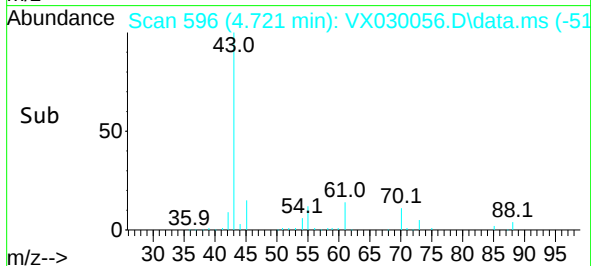
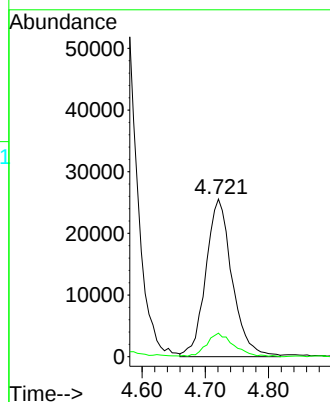
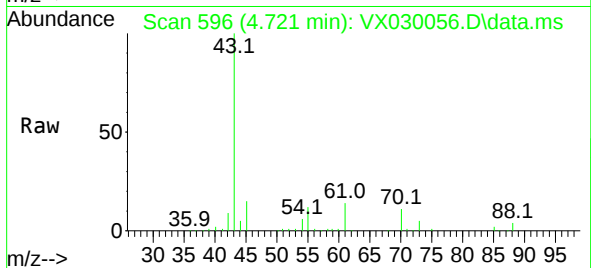
#43
Ethyl Acetate
Concen: 20.605 ug/l
RT: 4.721 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tgt Ion: 43 Resp: 73972
Ion Ratio Lower Upper
43 100
45 14.9 11.8 17.6

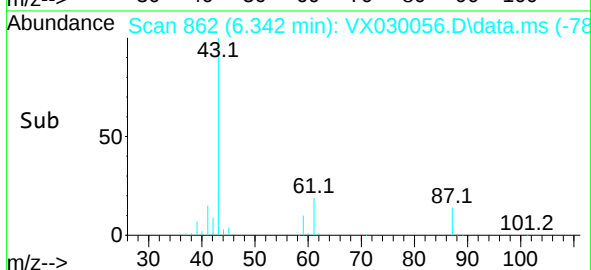
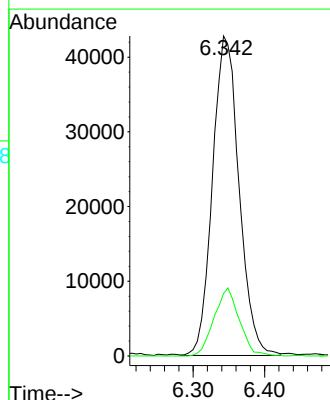
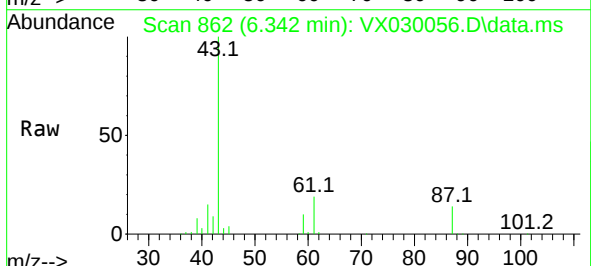
Manual Integrations
APPROVED

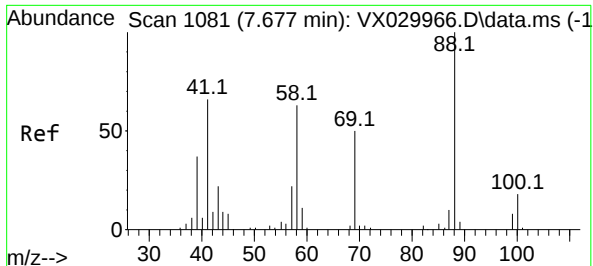
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#44
Isopropyl Acetate
Concen: 20.200 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

Tgt Ion: 43 Resp: 110166
Ion Ratio Lower Upper
43 100
61 19.9 17.0 25.4





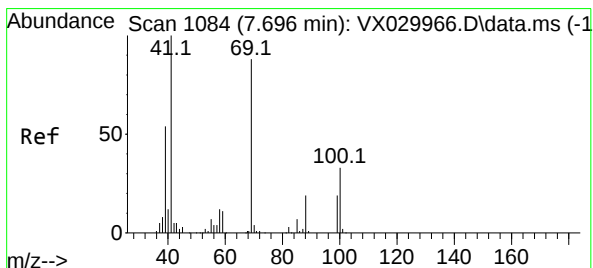
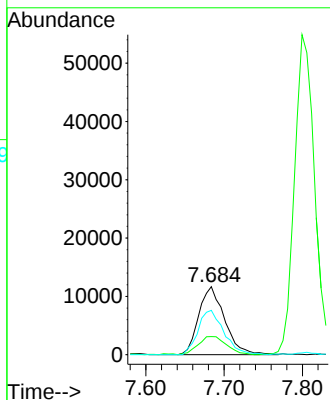
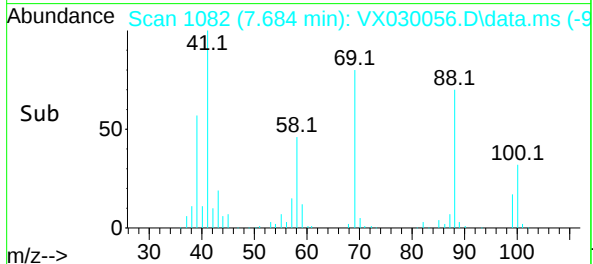
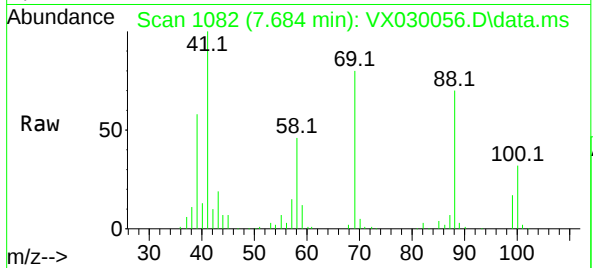
#45
1,4-Dioxane
Concen: 418.246 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.006 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tgt Ion: 88 Resp: 2677
Ion Ratio Lower Upper
88 100
43 29.2 25.8 38.6
58 65.1 54.8 82.2

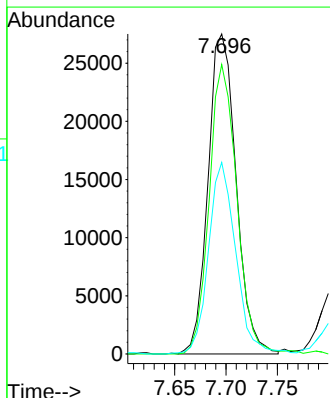
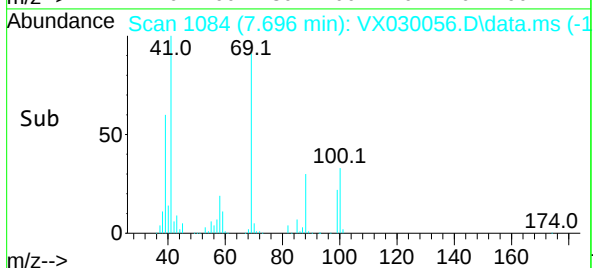
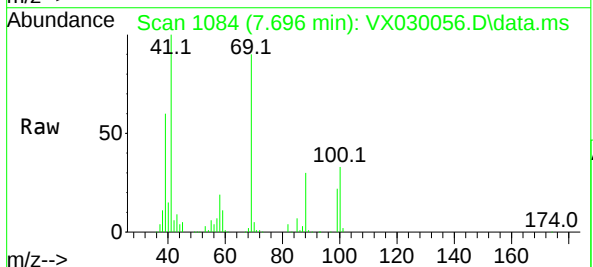
Manual Integrations
APPROVED

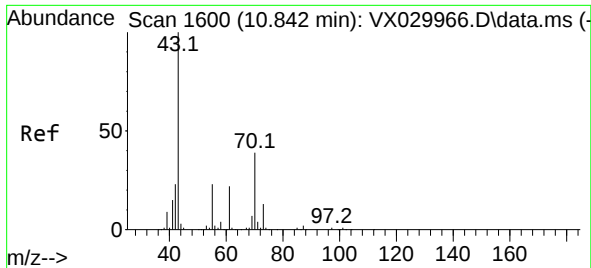
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#46
Methyl methacrylate
Concen: 20.248 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

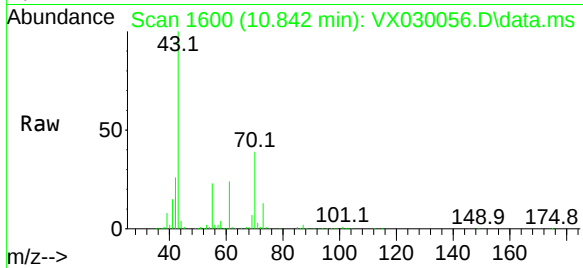
Tgt Ion: 41 Resp: 52332
Ion Ratio Lower Upper
41 100
69 90.5 41.9 125.8
39 59.5 27.5 82.5





#47
n-amy1 Acetate
Concen: 18.802 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

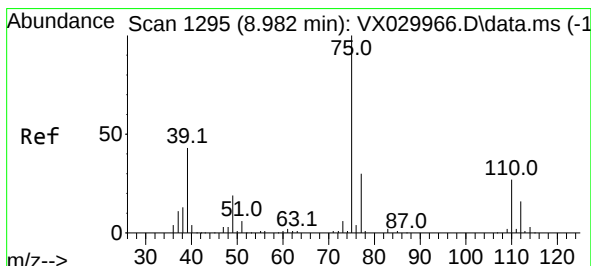
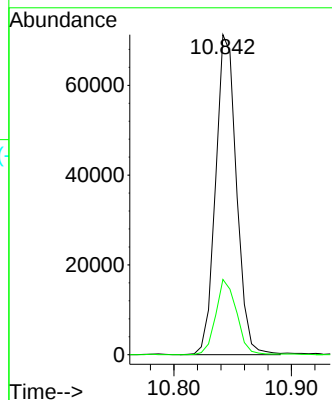
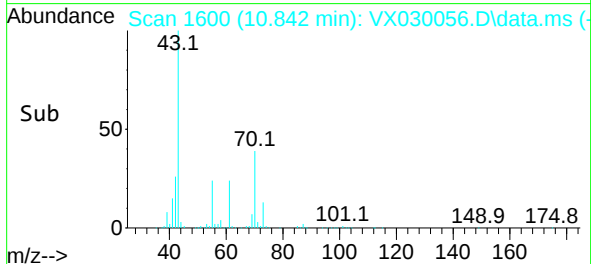
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



Tgt Ion: 43 Resp: 8808
Ion Ratio Lower Upper
43 100
55 23.4 20.4 30.6

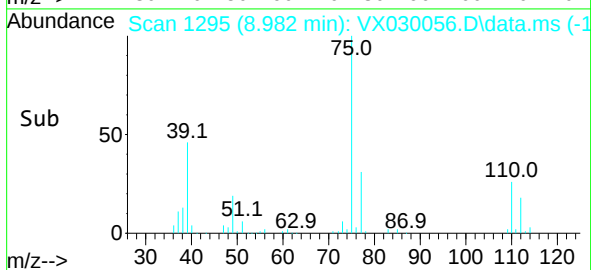
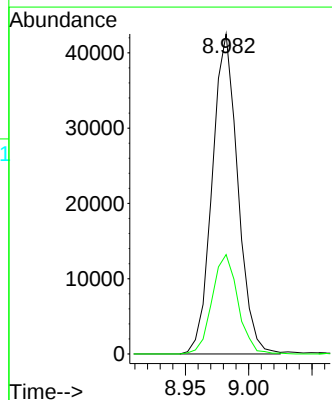
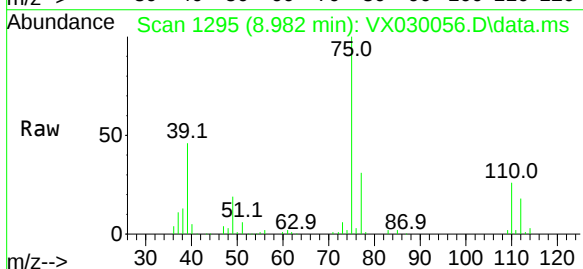
Manual Integrations
APPROVED

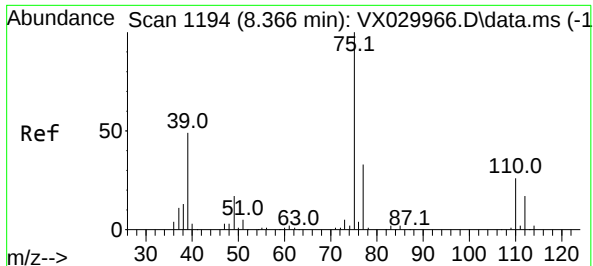
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#48
t-1,3-Dichloropropene
Concen: 19.376 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

Tgt Ion: 75 Resp: 59888
Ion Ratio Lower Upper
75 100
77 31.0 26.6 40.0





#49

cis-1,3-Dichloropropene

Concen: 20.067 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX030056.D

Acq: 14 Jul 2022 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBS01

Tgt Ion: 75 Resp: 69640

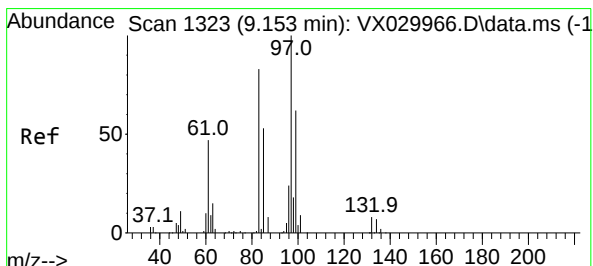
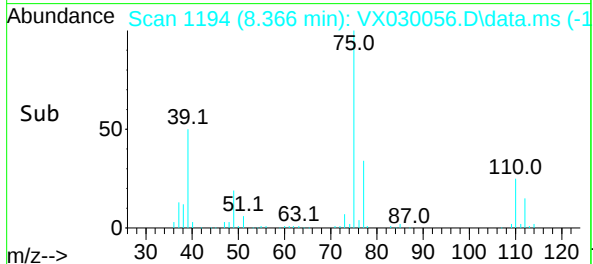
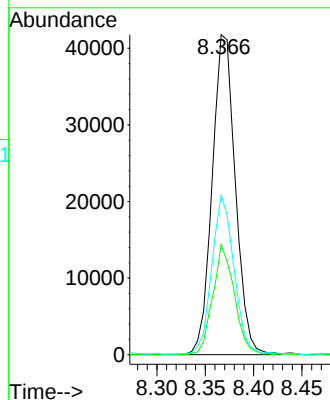
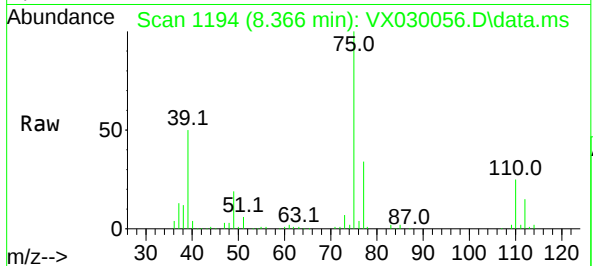
Ion	Ratio	Lower	Upper
75	100		
77	34.4	25.2	37.8
39	49.5	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#50

1,1,2-Trichloroethane

Concen: 20.648 ug/l

RT: 9.153 min Scan# 1323

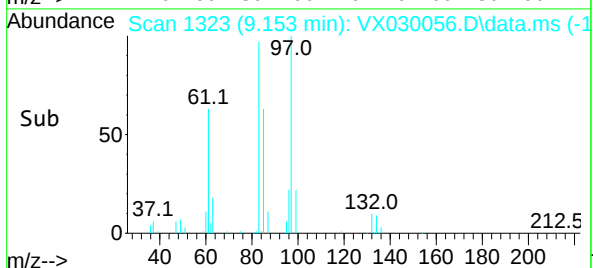
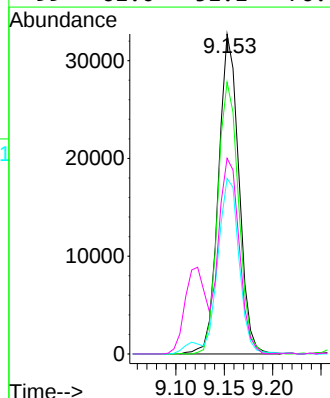
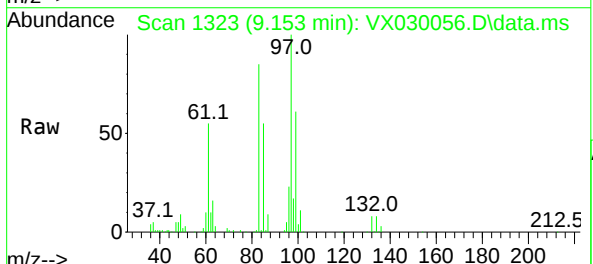
Delta R.T. 0.000 min

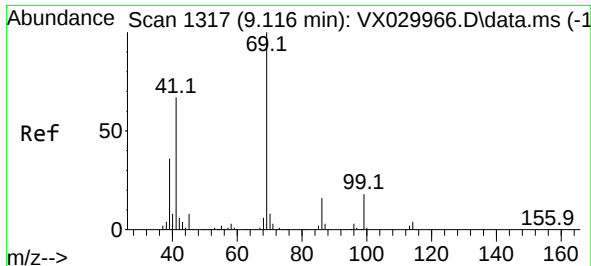
Lab File: VX030056.D

Acq: 14 Jul 2022 13:08

Tgt Ion: 97 Resp: 47895

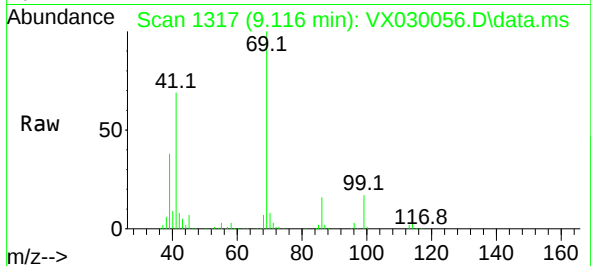
Ion	Ratio	Lower	Upper
97	100		
83	84.8	66.2	99.4
85	54.7	40.4	60.6
99	61.0	51.1	76.7





#51
Ethyl methacrylate
Concen: 19.576 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

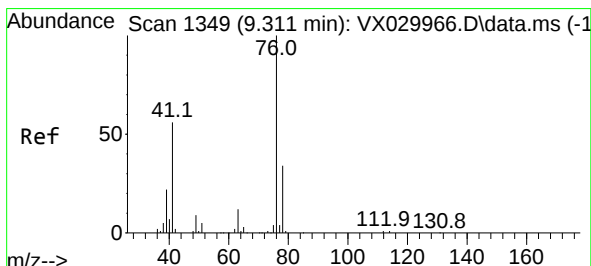
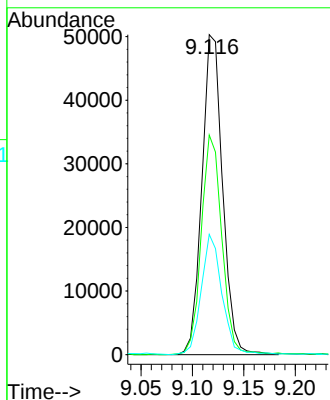
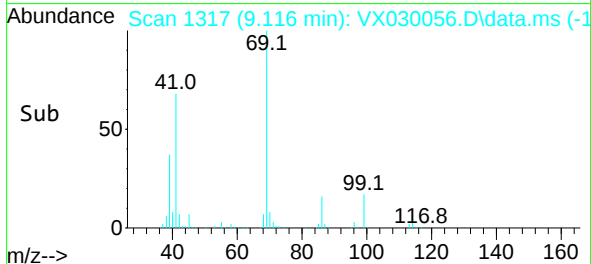
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



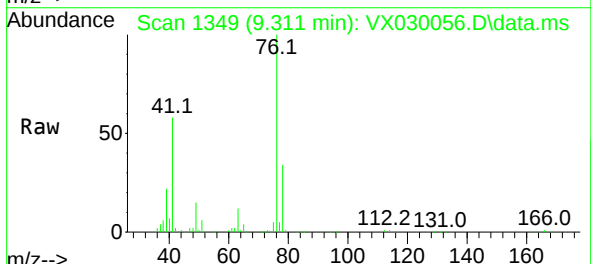
Tgt Ion: 69 Resp: 7066
Ion Ratio Lower Upper
69 100
41 68.4 32.1 96.5
39 37.4 18.3 54.9

Manual Integrations
APPROVED

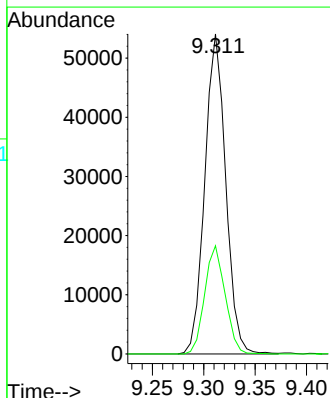
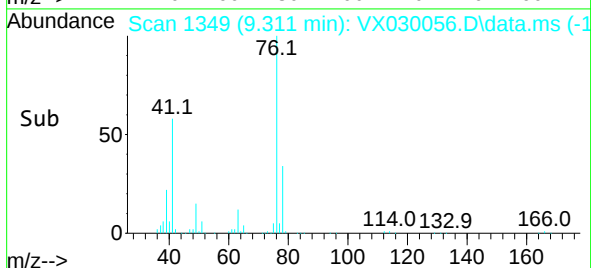
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

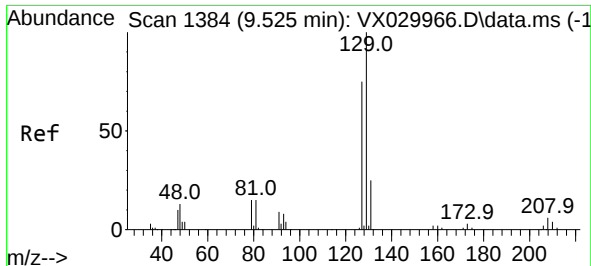


#52
1,3-Dichloropropane
Concen: 20.551 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08



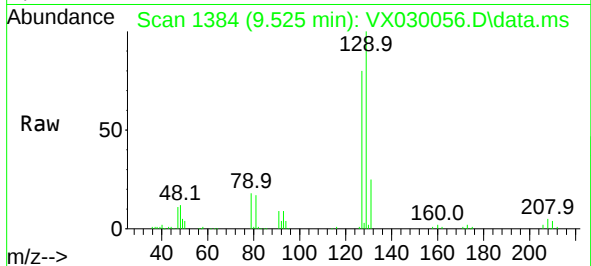
Tgt Ion: 76 Resp: 76678
Ion Ratio Lower Upper
76 100
78 33.0 0.0 64.4





#53
Dibromochloromethane
Concen: 20.615 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

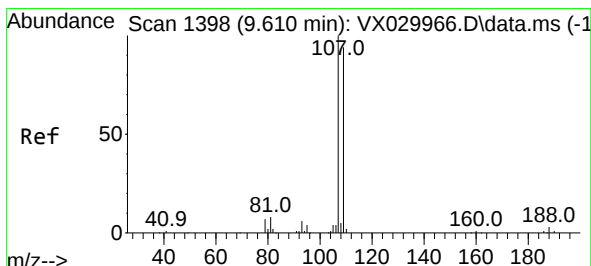
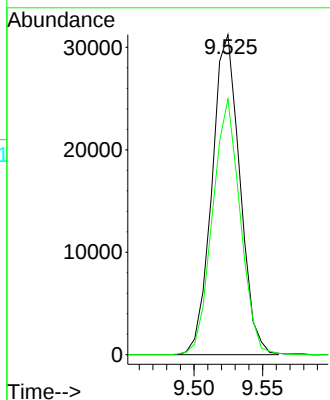
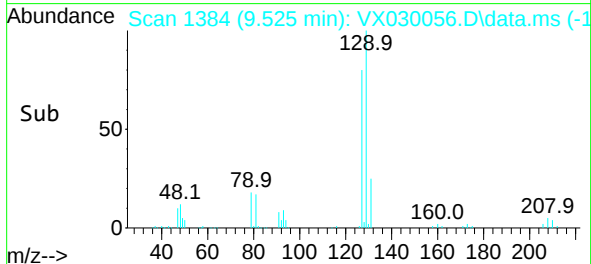
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



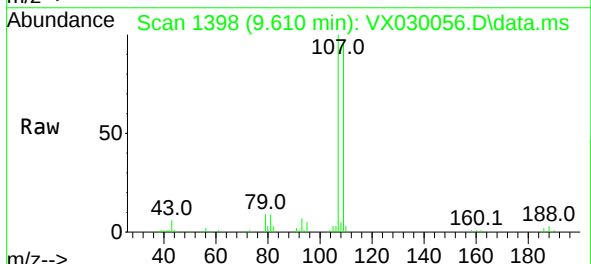
Tgt Ion:129 Resp: 44258
Ion Ratio Lower Upper
129 100
127 79.1 38.4 115.1

Manual Integrations
APPROVED

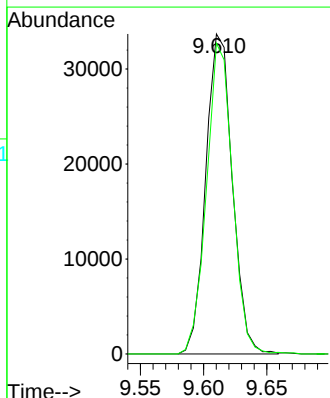
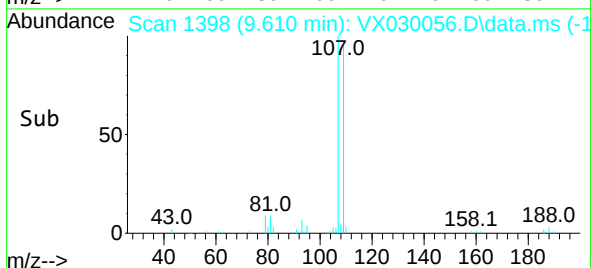
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

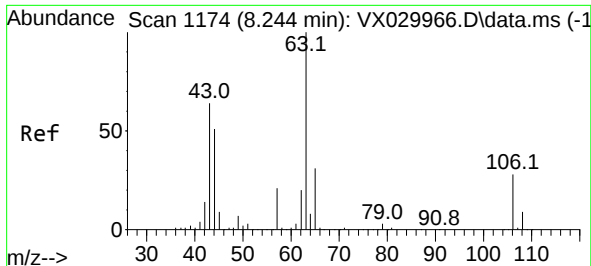


#54
1,2-Dibromoethane
Concen: 20.457 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08



Tgt Ion:107 Resp: 49276
Ion Ratio Lower Upper
107 100
109 94.8 76.2 114.4





#55

2-Chloroethyl vinyl ether

Concen: 107.318 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX030056.D

Acq: 14 Jul 2022 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBS01

Tgt Ion: 63 Resp: 19968

Ion Ratio Lower Upper

63 100

65 32.3 25.9 38.9

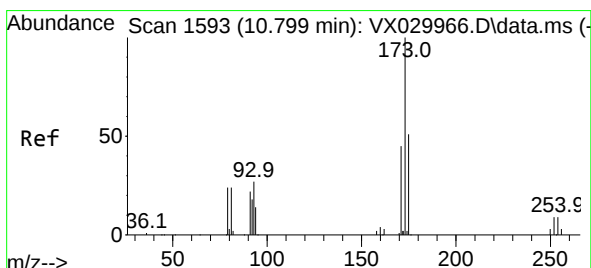
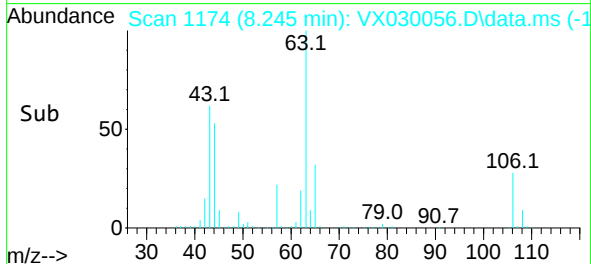
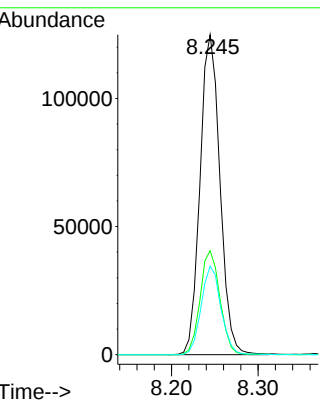
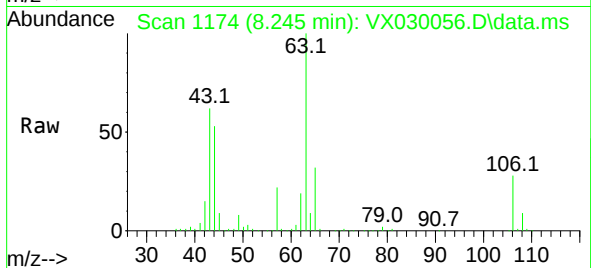
106 27.3 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#56

Bromoform

Concen: 20.780 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX030056.D

Acq: 14 Jul 2022 13:08

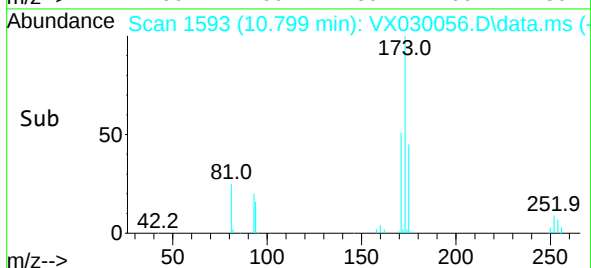
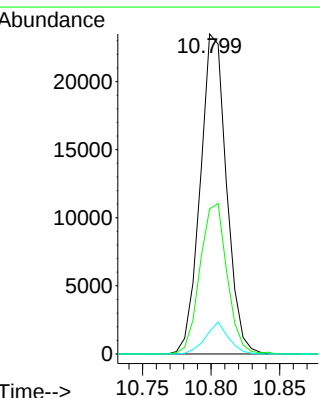
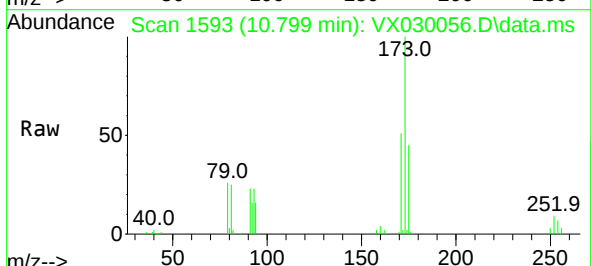
Tgt Ion:173 Resp: 31231

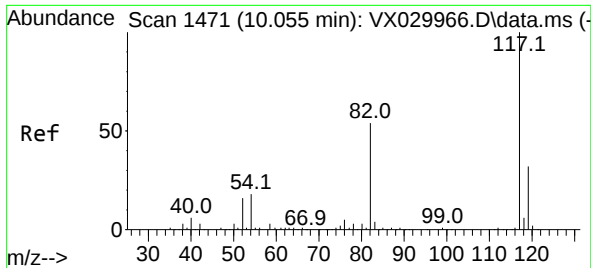
Ion Ratio Lower Upper

173 100

175 48.4 40.3 60.5

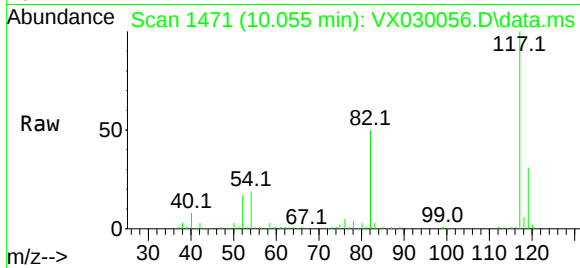
254 8.8 7.4 11.2





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

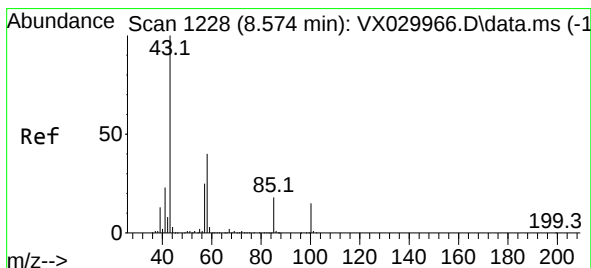
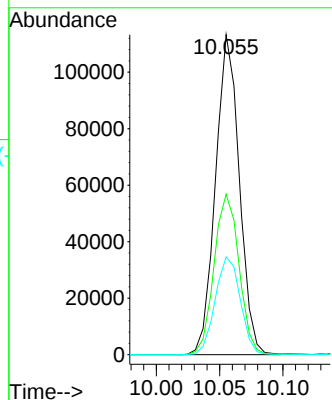
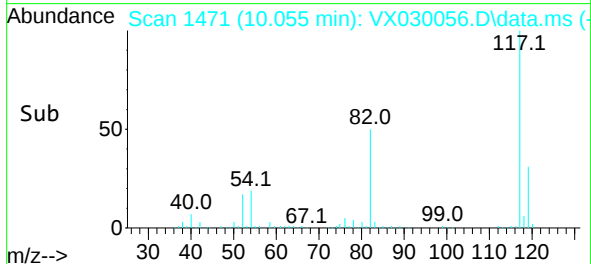
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



Tgt Ion:117 Resp: 147818
Ion Ratio Lower Upper
117 100
82 52.7 42.3 63.5
119 32.0 26.2 39.2

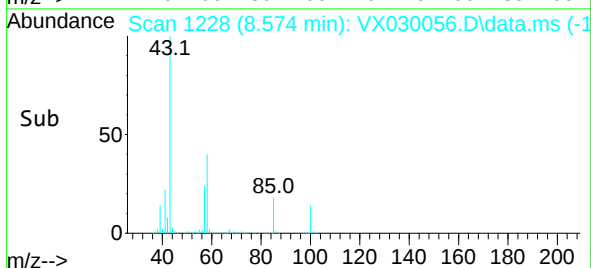
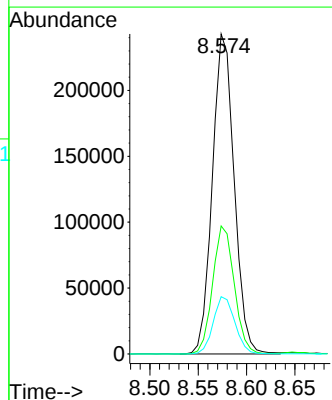
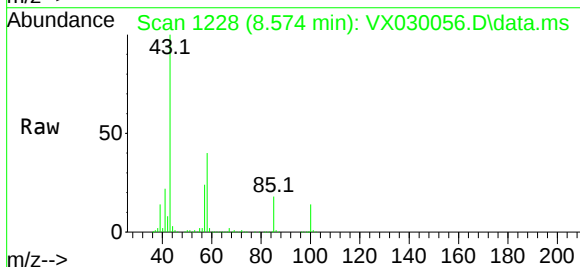
Manual Integrations
APPROVED

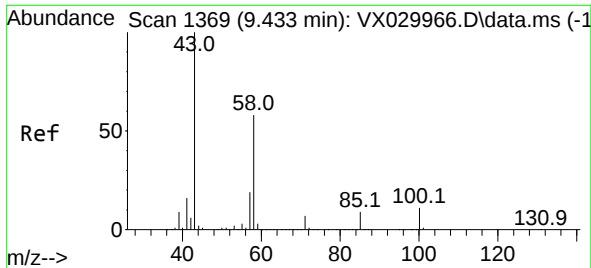
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#58
4-Methyl-2-Pentanone
Concen: 104.255 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

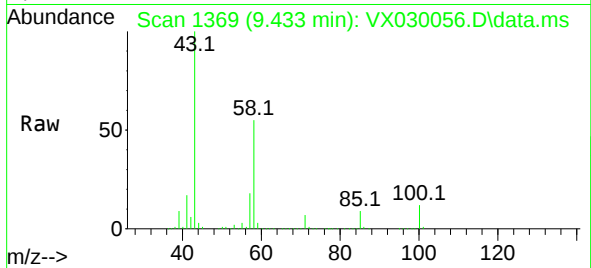
Tgt Ion: 43 Resp: 380658
Ion Ratio Lower Upper
43 100
58 39.7 31.8 47.6
85 17.8 15.8 23.6





#59
2-Hexanone
Concen: 104.901 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

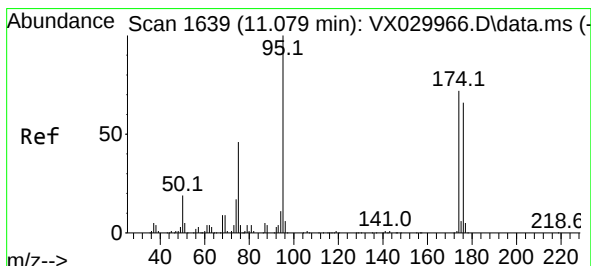
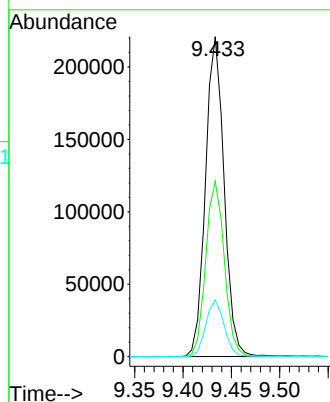
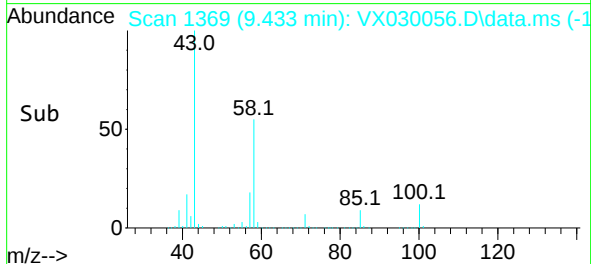
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



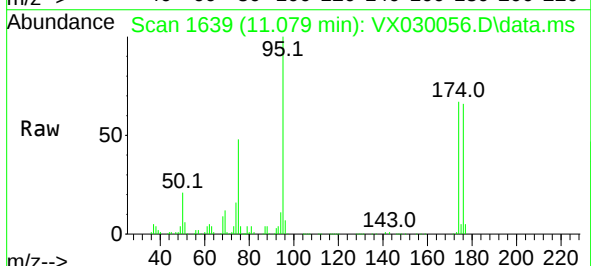
Tgt Ion: 43 Resp: 29624
Ion Ratio Lower Upper
43 100
58 54.9 44.1 66.1
57 17.6 16.2 24.2

Manual Integrations
APPROVED

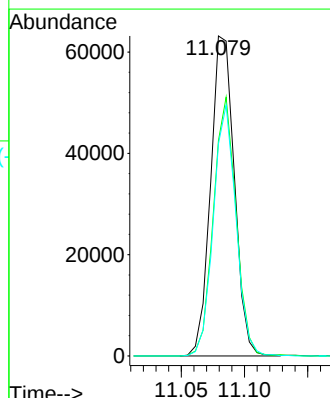
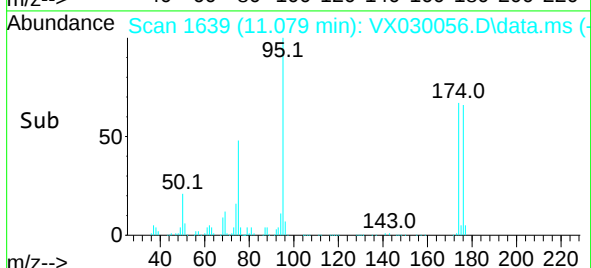
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

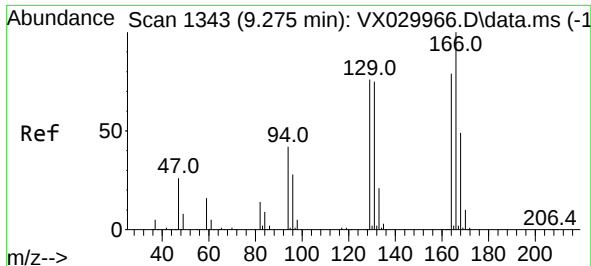


#60
4-Bromofluorobenzene
Concen: 29.575 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08



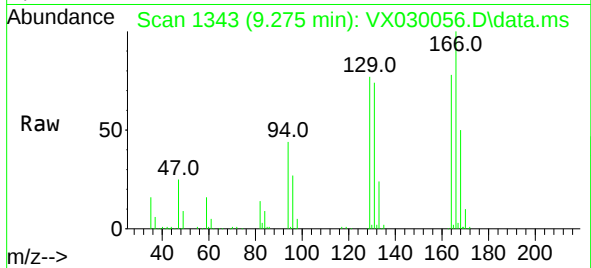
Tgt Ion: 95 Resp: 82387
Ion Ratio Lower Upper
95 100
174 76.9 65.4 98.2
176 74.5 63.4 95.0





#61
Tetrachloroethene
Concen: 23.022 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

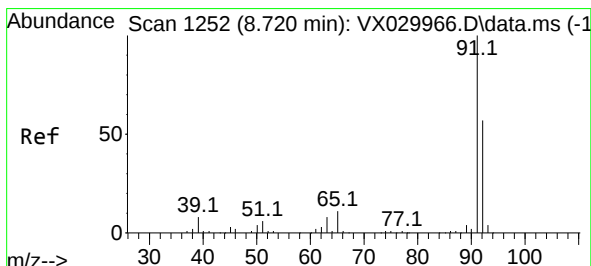
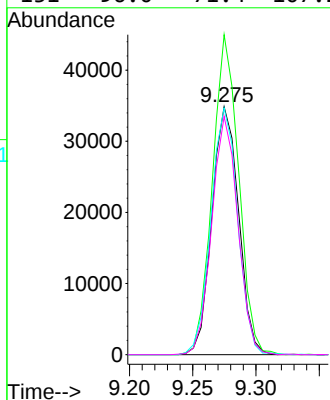
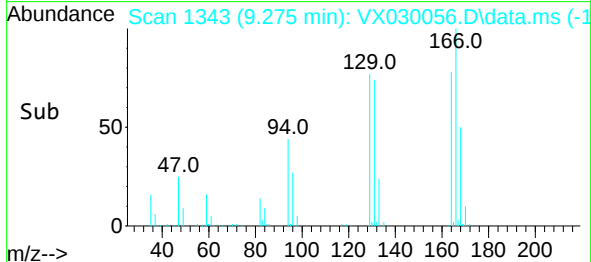
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



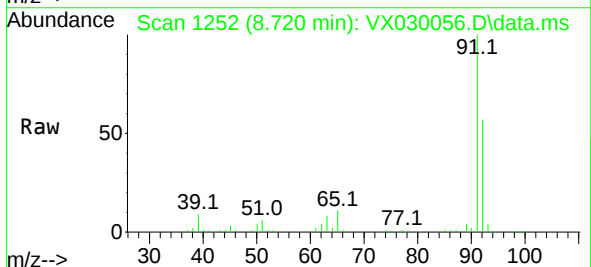
Tgt Ion:164 Resp: 5109
Ion Ratio Lower Upper
164 100
166 129.0 105.0 157.6
129 99.4 78.5 117.7
131 96.0 71.4 107.2

Manual Integrations
APPROVED

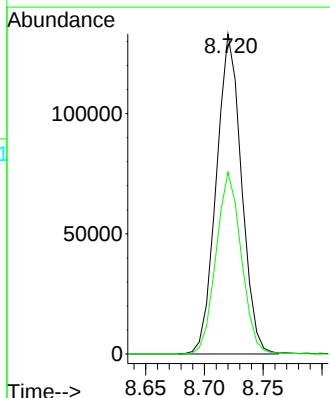
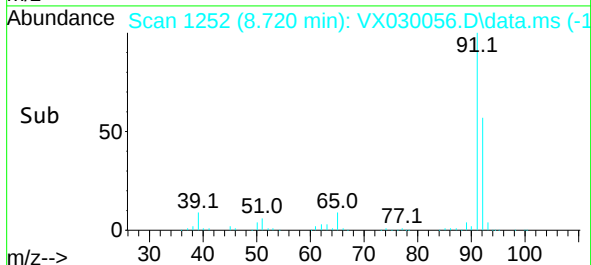
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

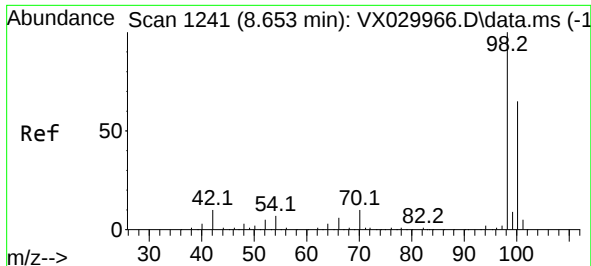


#62
Toluene
Concen: 20.156 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08



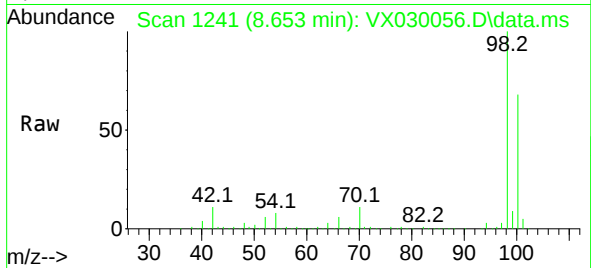
Tgt Ion: 91 Resp: 198190
Ion Ratio Lower Upper
91 100
92 56.9 48.1 72.1





#63
Toluene-d8
Concen: 29.902 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

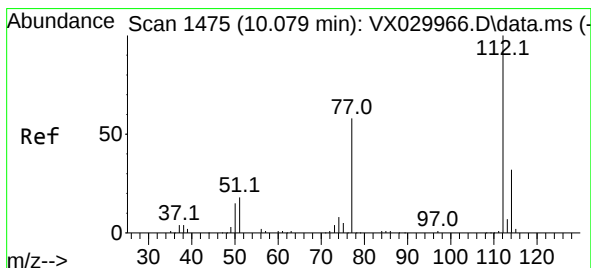
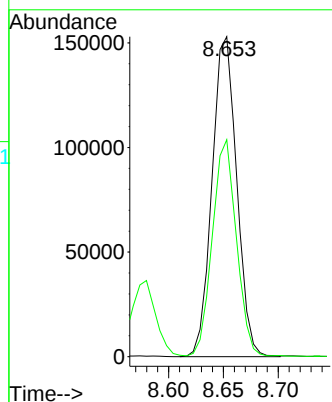
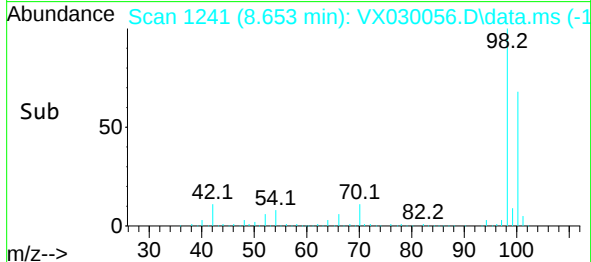
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



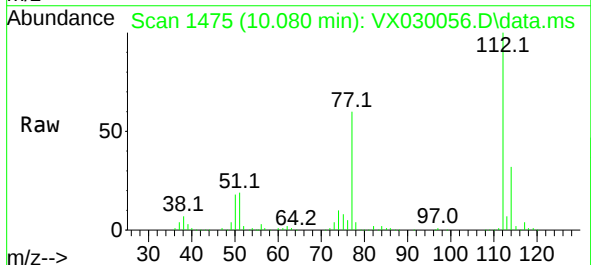
Tgt Ion: 98 Resp: 239672
Ion Ratio Lower Upper
98 100
100 66.2 51.4 77.2

Manual Integrations
APPROVED

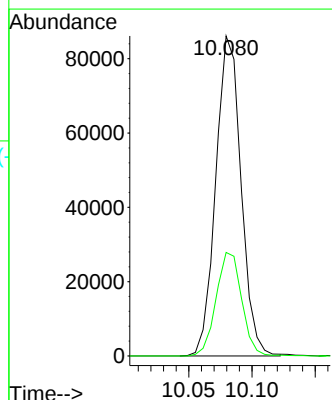
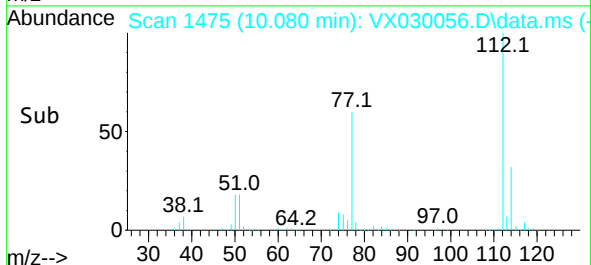
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

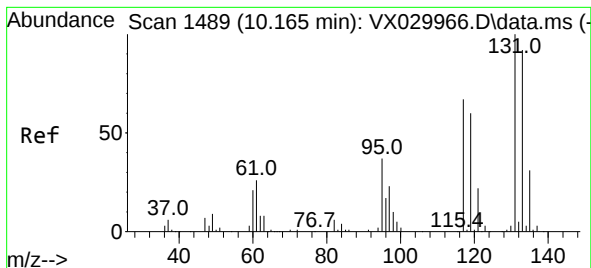


#64
Chlorobenzene
Concen: 20.340 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08



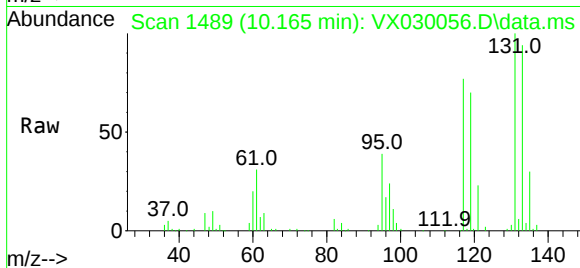
Tgt Ion:112 Resp: 119442
Ion Ratio Lower Upper
112 100
114 32.3 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 20.475 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

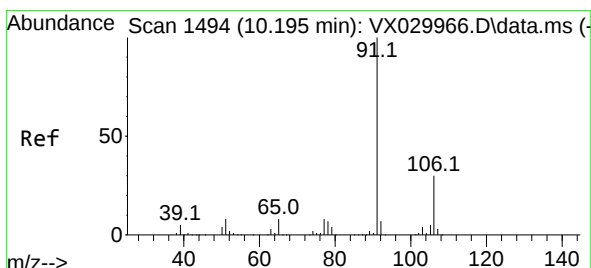
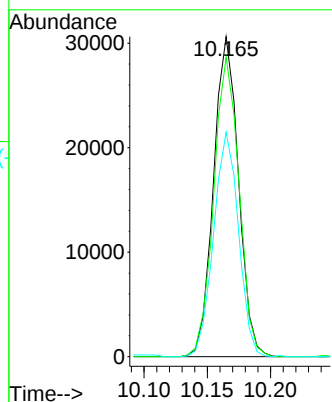
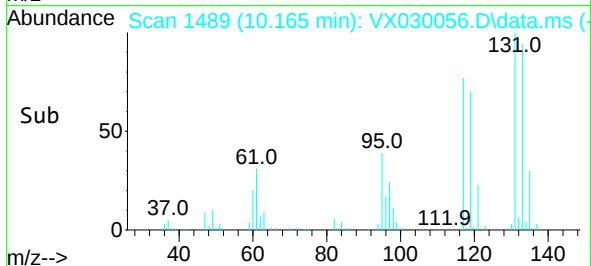
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



Tgt Ion:131 Resp: 41928
Ion Ratio Lower Upper
131 100
133 95.0 0.0 197.2
119 70.0 0.0 127.4

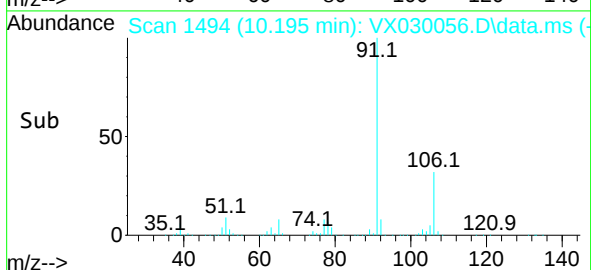
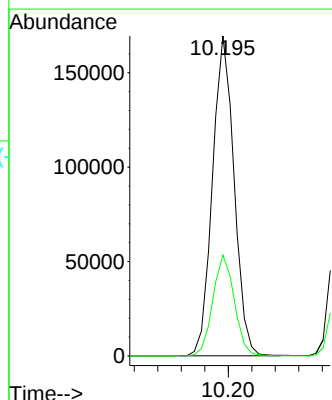
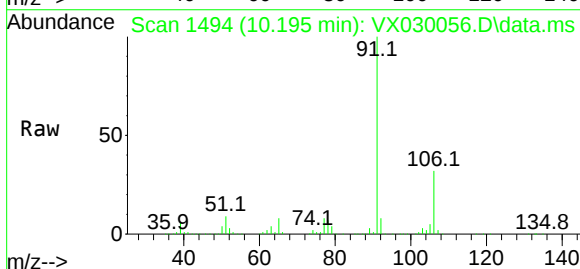
Manual Integrations
APPROVED

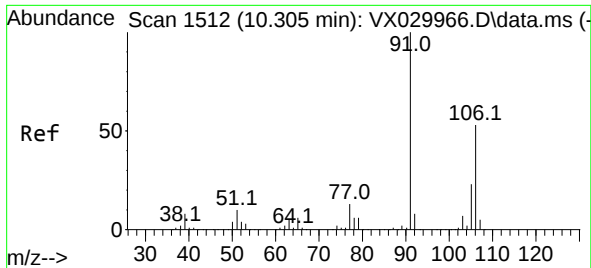
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#66
Ethyl Benzene
Concen: 20.711 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

Tgt Ion: 91 Resp: 216412
Ion Ratio Lower Upper
91 100
106 31.5 25.8 38.8





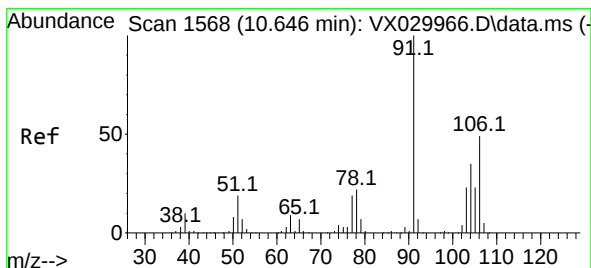
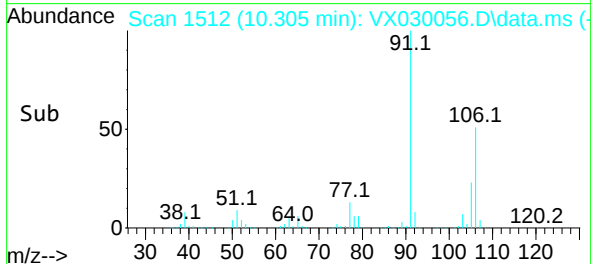
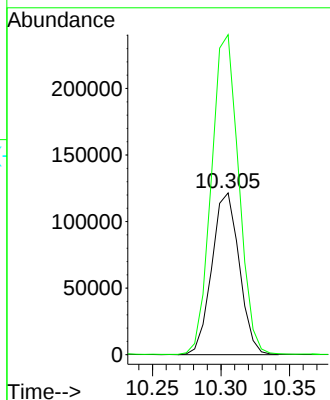
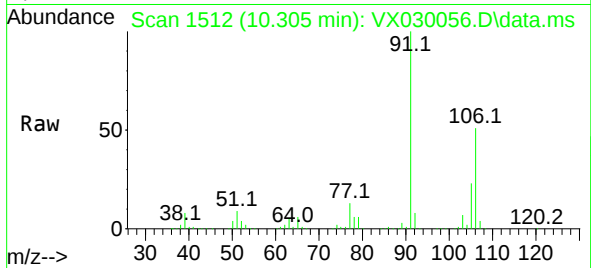
#67
m/p-Xylenes
Concen: 41.742 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tgt Ion:106 Resp: 169259
Ion Ratio Lower Upper
106 100
91 197.4 159.5 239.3

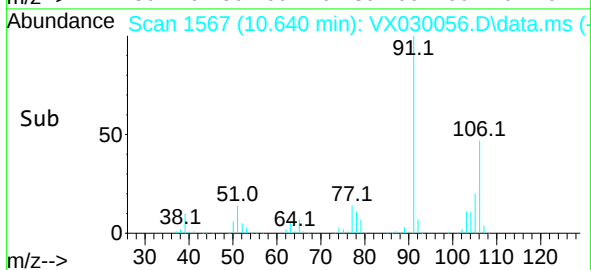
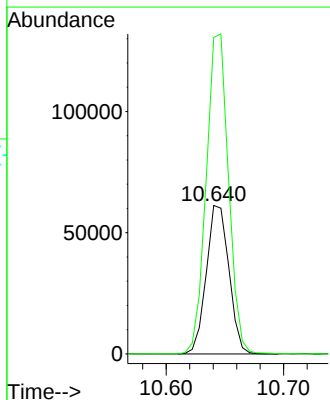
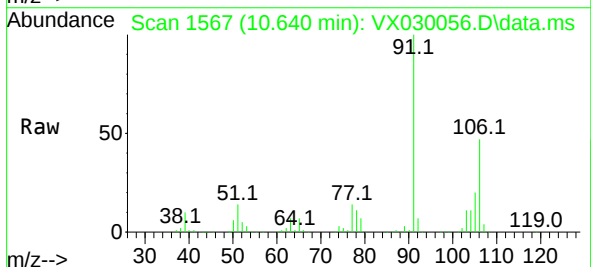
Manual Integrations
APPROVED

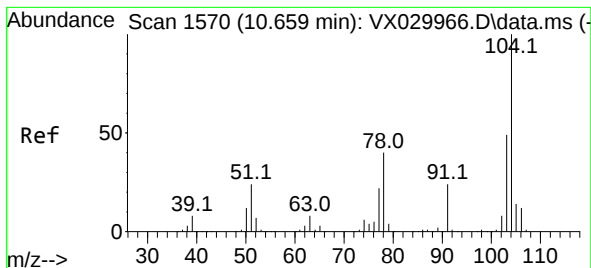
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#68
o-Xylene
Concen: 20.338 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

Tgt Ion:106 Resp: 82121
Ion Ratio Lower Upper
106 100
91 212.4 105.4 316.2





#69

Styrene

Concen: 20.309 ug/l

RT: 10.659 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030056.D

Acq: 14 Jul 2022 13:08

Instrument :

MSVOA_X

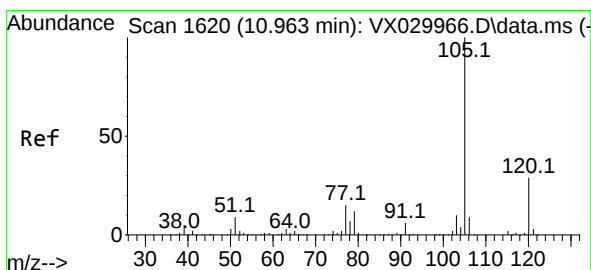
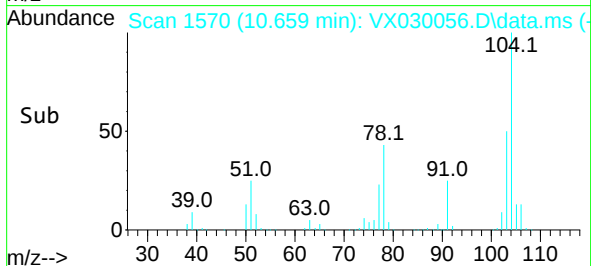
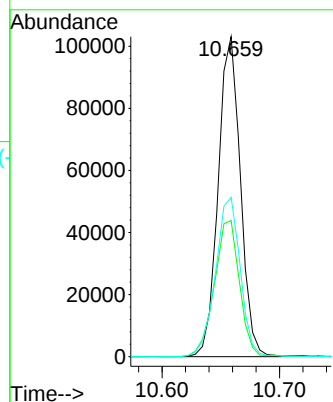
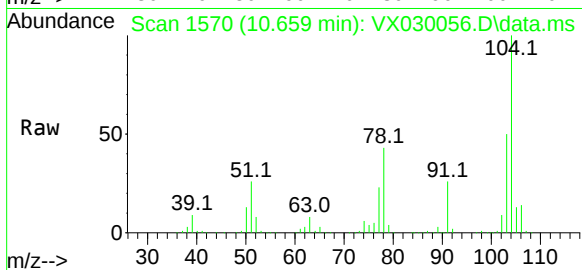
ClientSampleId :

VX0714WBS01

Tgt Ion:104 Resp: 135704
 Ion Ratio Lower Upper
 104 100
 78 47.9 39.7 59.5
 103 55.4 42.7 64.1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/15/2022
 Supervised By :Mahesh Dadoda 07/15/2022



#70

Isopropylbenzene

Concen: 20.618 ug/l

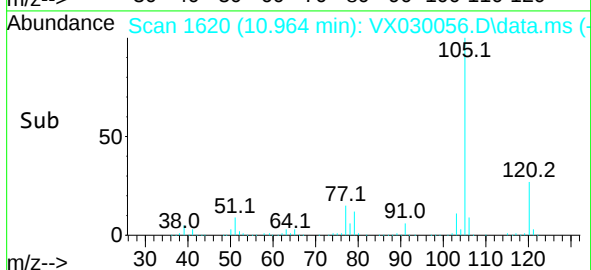
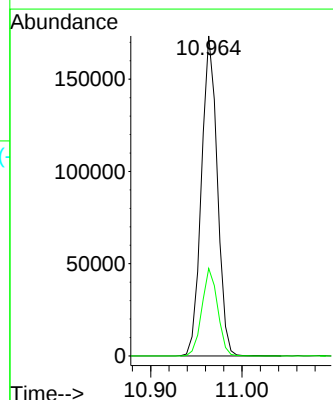
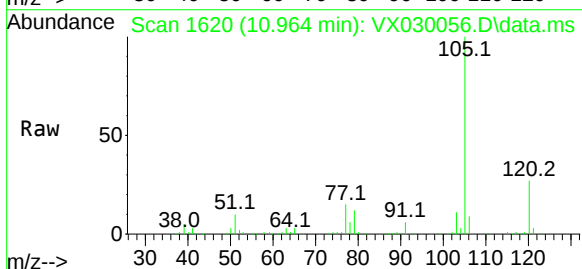
RT: 10.964 min Scan# 1620

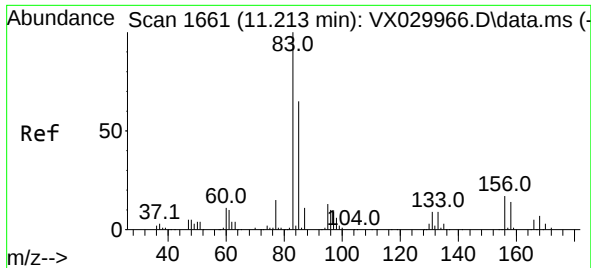
Delta R.T. 0.000 min

Lab File: VX030056.D

Acq: 14 Jul 2022 13:08

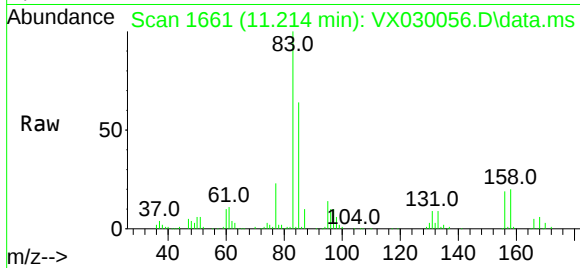
Tgt Ion:105 Resp: 209616
 Ion Ratio Lower Upper
 105 100
 120 27.1 18.8 34.8





#71
1,1,2,2-Tetrachloroethane
Concen: 19.817 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

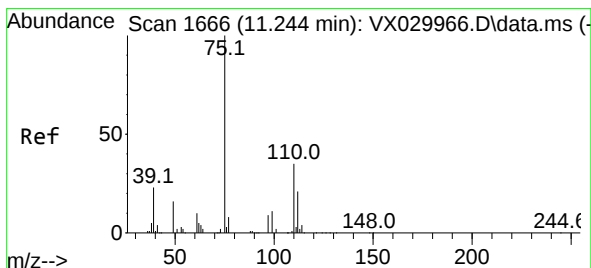
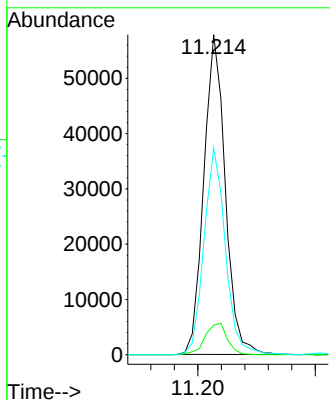
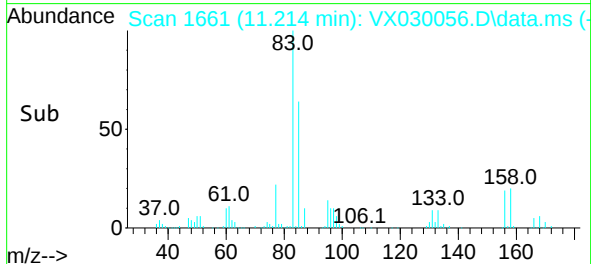
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



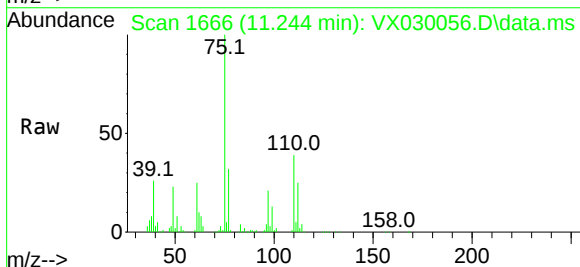
Tgt Ion: 83 Resp: 7326
Ion Ratio Lower Upper
83 100
131 10.1 5.8 17.3
85 64.5 32.0 96.2

Manual Integrations
APPROVED

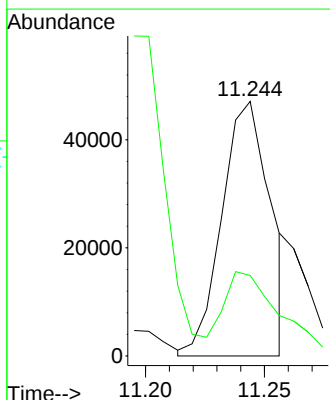
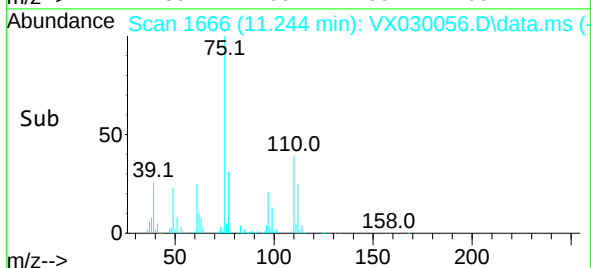
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

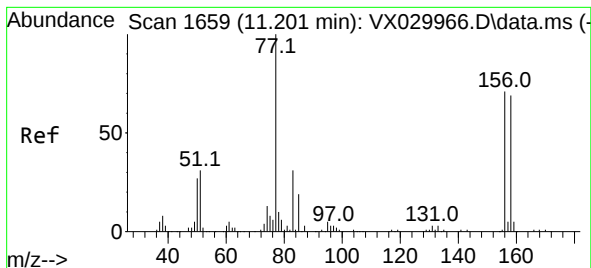


#72
1,2,3-Trichloropropane
Concen: 20.077 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08



Tgt Ion: 75 Resp: 66720
Ion Ratio Lower Upper
75 100
77 38.5 0.0 78.6





#73

Bromobenzene

Concen: 20.500 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX030056.D

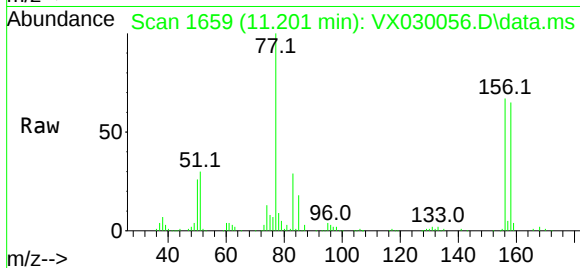
Acq: 14 Jul 2022 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBS01



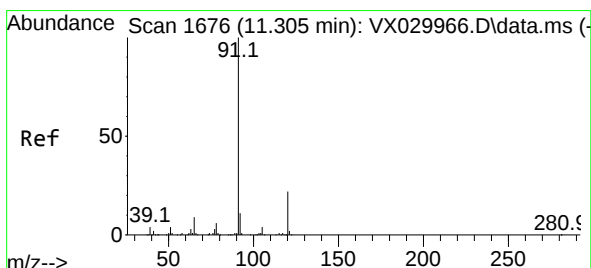
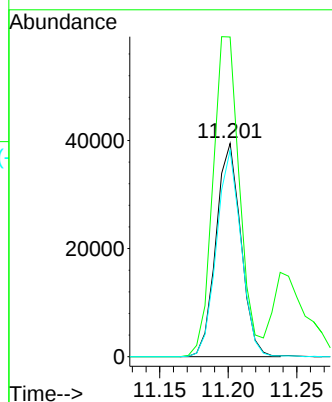
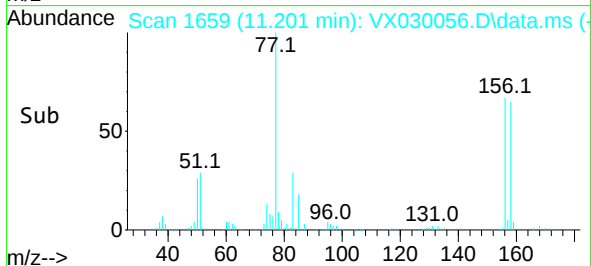
Tgt Ion:	156	Resp:	49970
Ion Ratio	Lower	Upper	
156	100		
77	160.7	0.0	297.6
158	95.0	0.0	188.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#74

n-propylbenzene

Concen: 20.635 ug/l

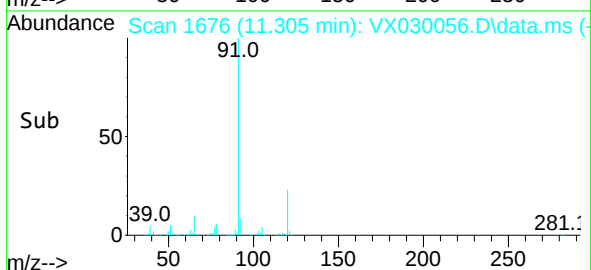
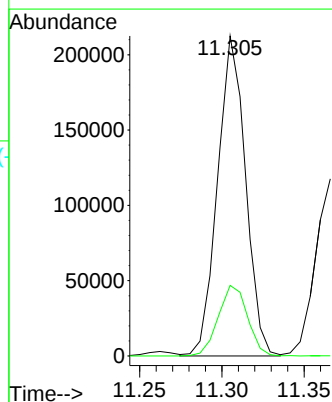
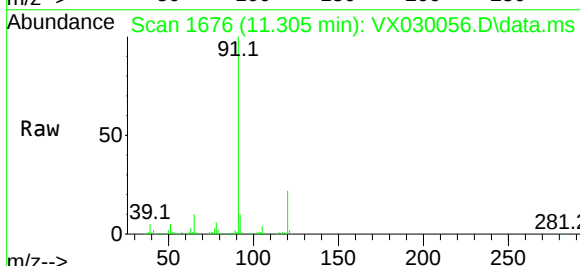
RT: 11.305 min Scan# 1676

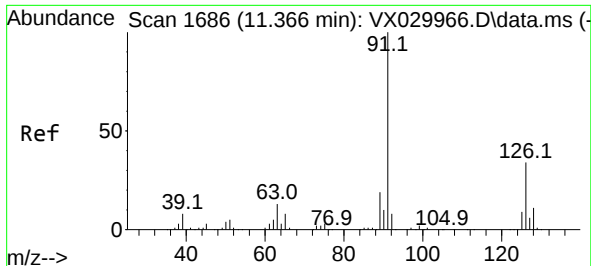
Delta R.T. 0.000 min

Lab File: VX030056.D

Acq: 14 Jul 2022 13:08

Tgt Ion:	91	Resp:	251661
Ion Ratio	Lower	Upper	
91	100		
120	23.0	0.0	48.0





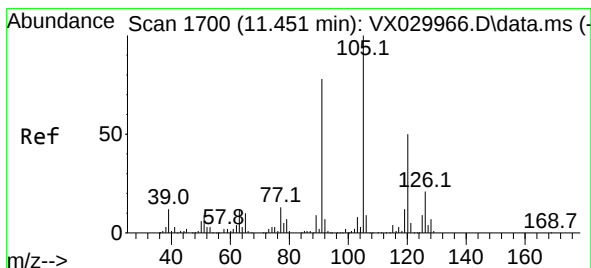
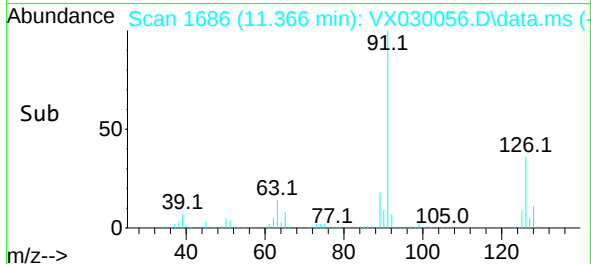
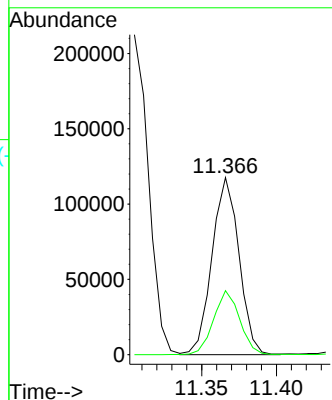
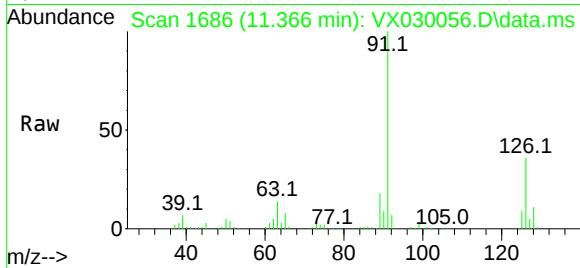
#75
2-Chlorotoluene
Concen: 20.605 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tgt Ion: 91 Resp: 147970
Ion Ratio Lower Upper
91 100
126 34.9 0.0 68.6

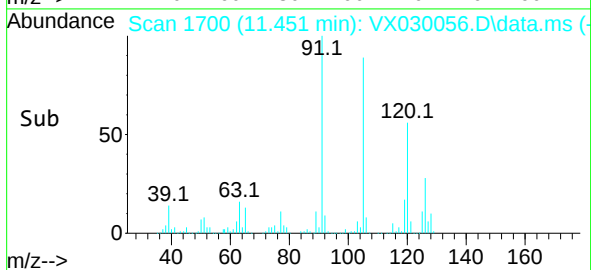
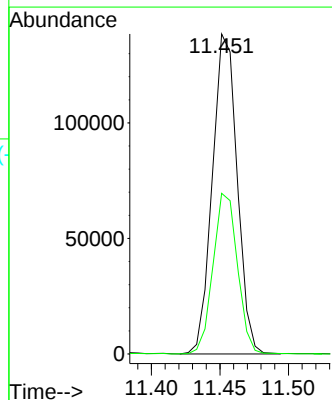
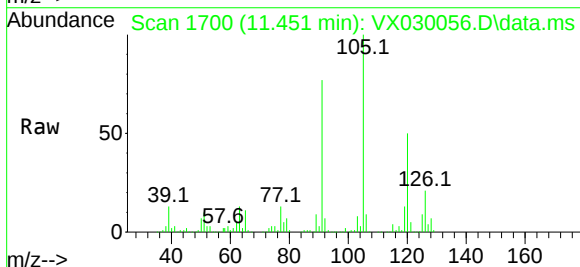
Manual Integrations
APPROVED

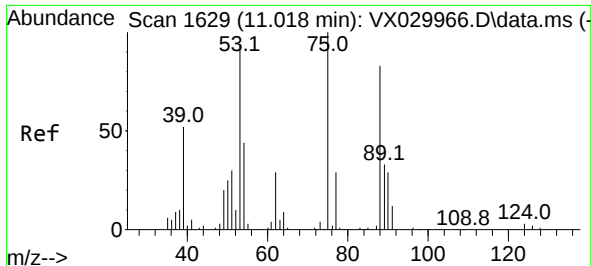
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#76
1,3,5-Trimethylbenzene
Concen: 20.418 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

Tgt Ion:105 Resp: 174279
Ion Ratio Lower Upper
105 100
120 49.4 0.0 98.0





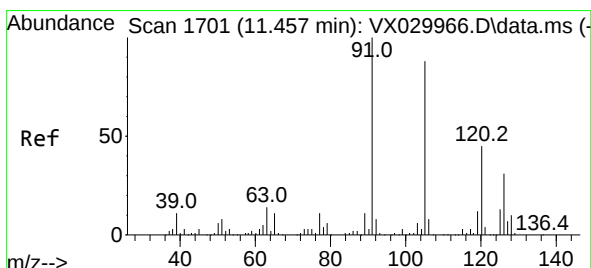
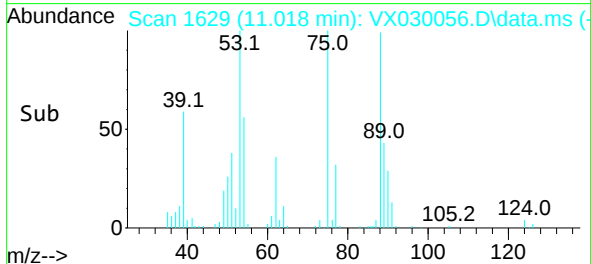
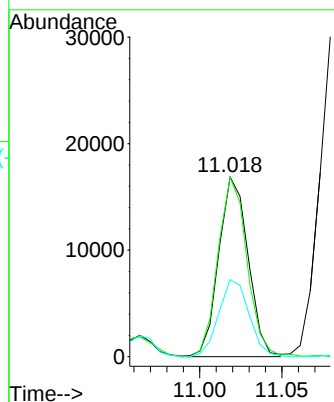
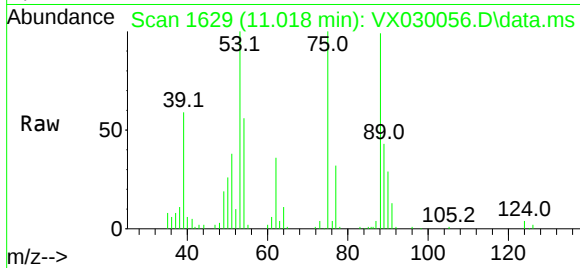
#77
t-1,4-Dichloro-2-butene
Concen: 18.302 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tgt Ion: 75 Resp: 20920
Ion Ratio Lower Upper
75 100
53 99.7 59.7 179.1
89 43.1 23.1 69.2

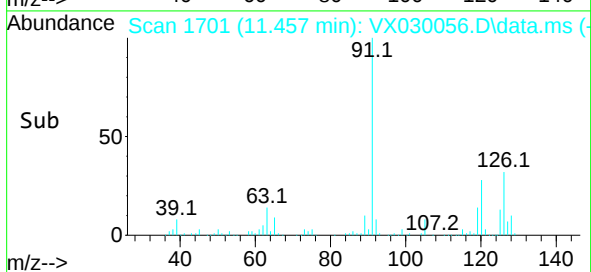
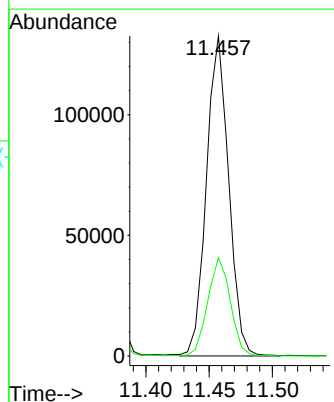
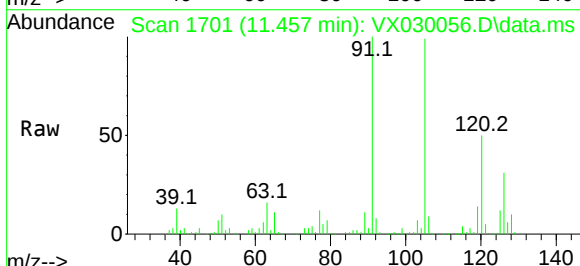
Manual Integrations
APPROVED

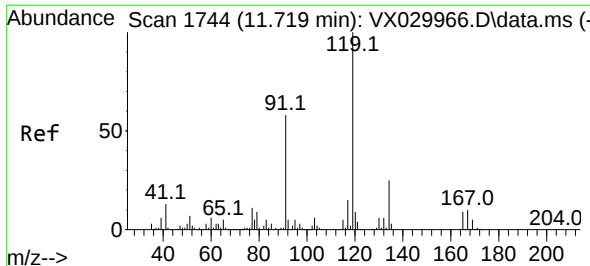
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#78
4-Chlorotoluene
Concen: 20.156 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

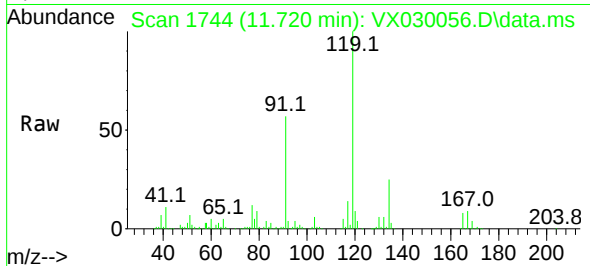
Tgt Ion: 91 Resp: 162467
Ion Ratio Lower Upper
91 100
126 31.0 0.0 59.8





#79
tert-butylbenzene
Concen: 20.018 ug/l
RT: 11.720 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

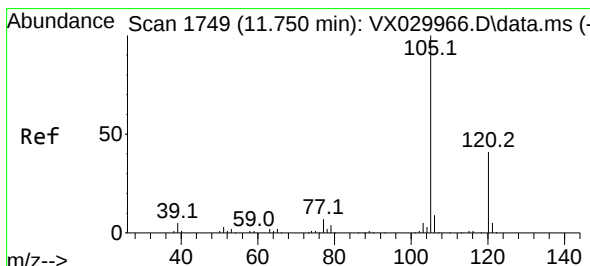
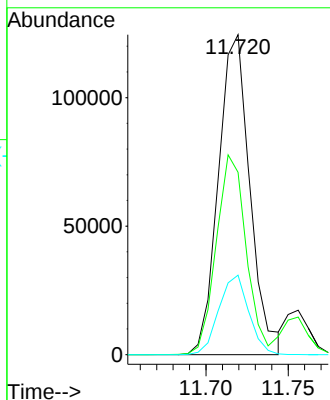
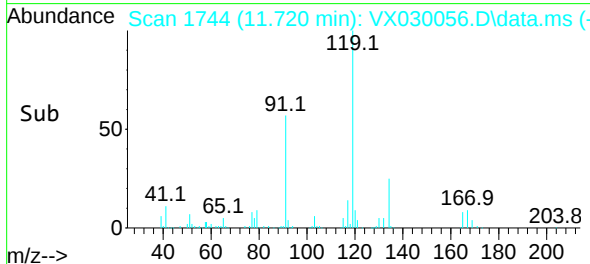
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



Tgt Ion:119 Resp: 166225
Ion Ratio Lower Upper
119 100
91 58.8 0.0 119.4
134 23.6 0.0 48.4

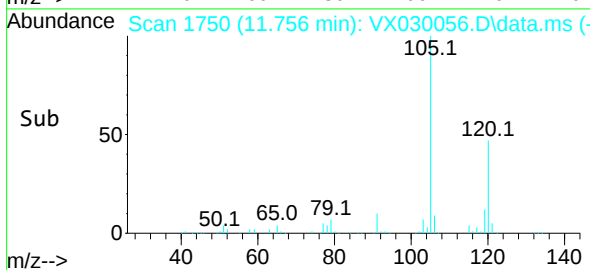
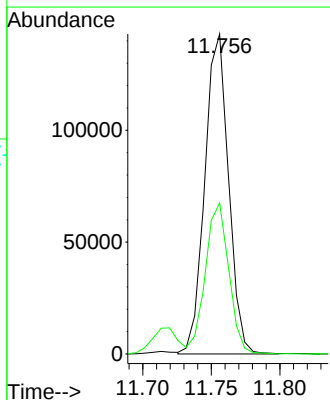
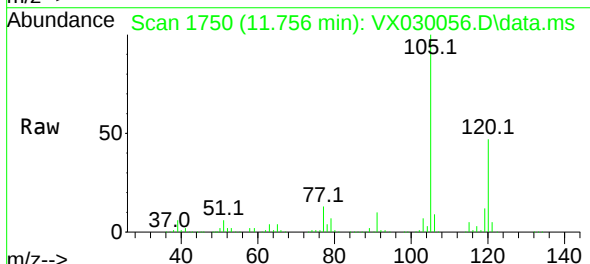
Manual Integrations
APPROVED

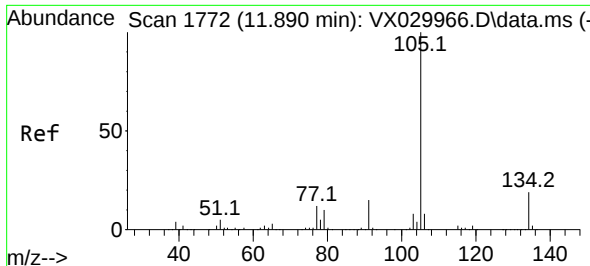
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#80
1,2,4-Trimethylbenzene
Concen: 19.642 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

Tgt Ion:105 Resp: 172363
Ion Ratio Lower Upper
105 100
120 46.5 0.0 89.6





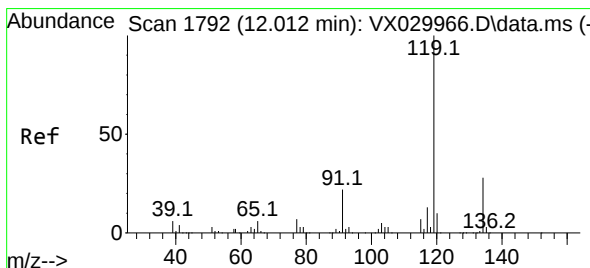
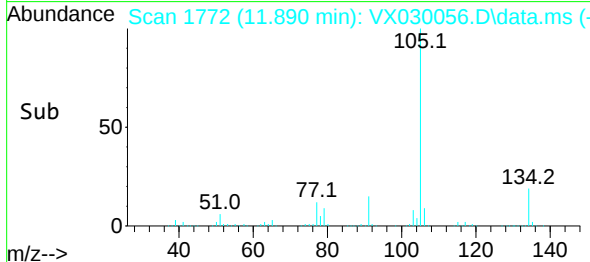
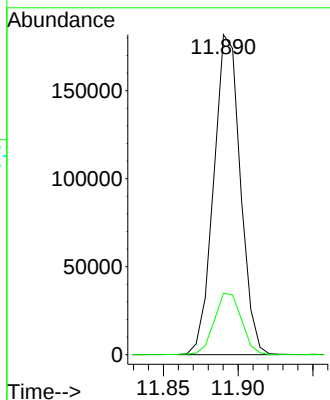
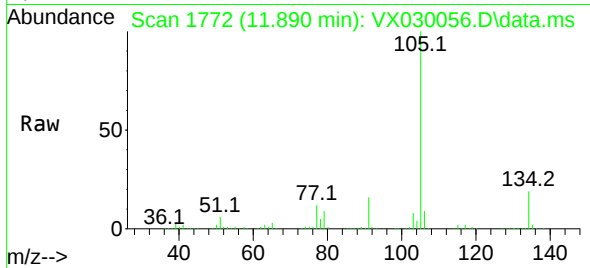
#81
 sec-Butylbenzene
 Concen: 20.074 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX030056.D
 Acq: 14 Jul 2022 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBS01

Tgt Ion:105 Resp: 22562
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 41.2

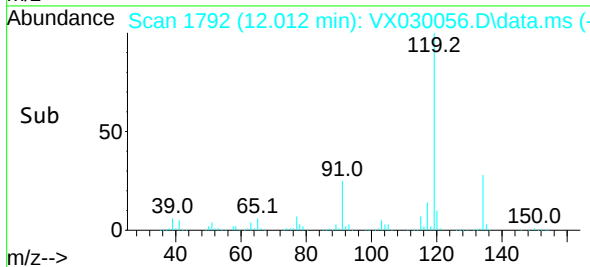
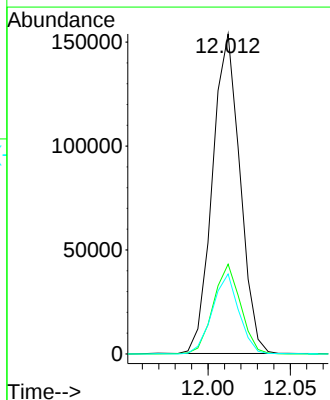
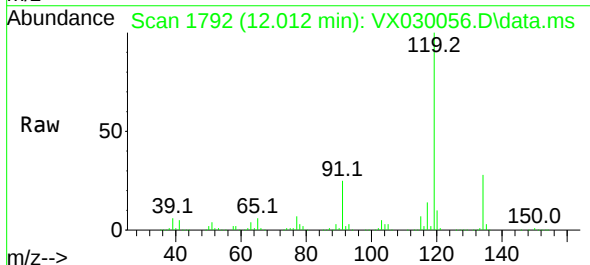
Manual Integrations
 APPROVED

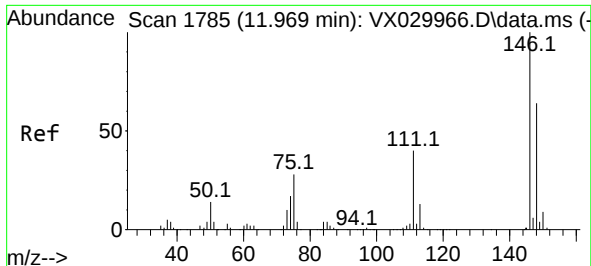
Reviewed By :John Carlone 07/15/2022
 Supervised By :Mahesh Dadoda 07/15/2022



#82
 p-Isopropyltoluene
 Concen: 19.793 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX030056.D
 Acq: 14 Jul 2022 13:08

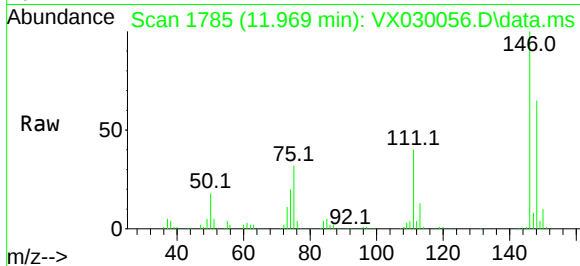
Tgt Ion:119 Resp: 179101
 Ion Ratio Lower Upper
 119 100
 134 27.7 0.0 52.4
 91 24.1 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 19.620 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

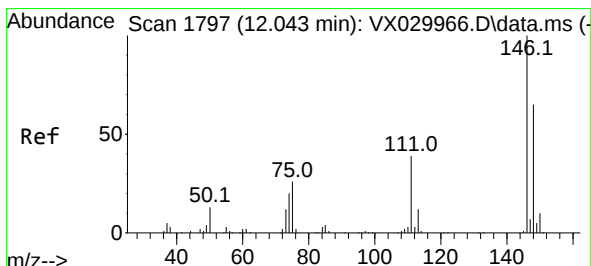
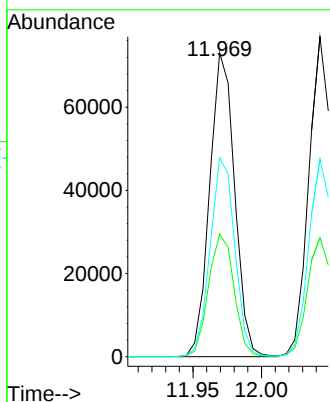
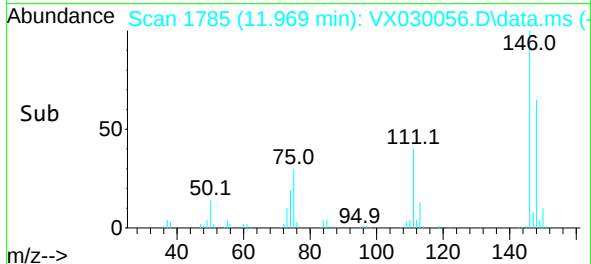
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



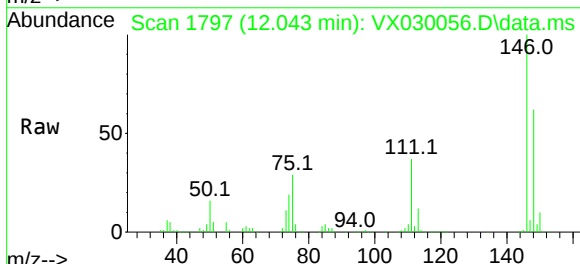
Tgt Ion:146 Resp: 92538
Ion Ratio Lower Upper
146 100
111 41.2 19.8 59.4
148 64.7 31.6 94.8

Manual Integrations
APPROVED

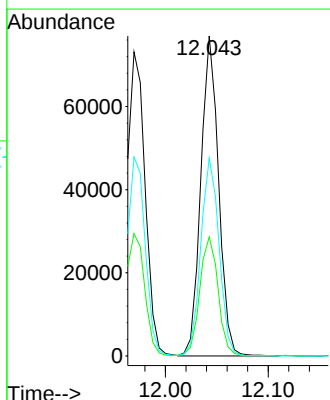
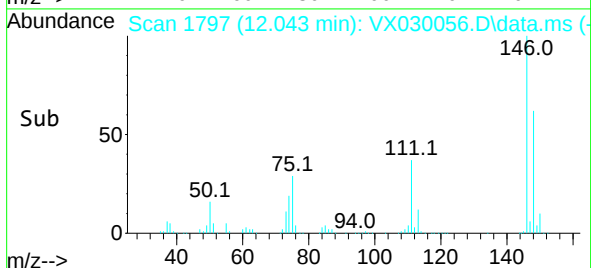
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

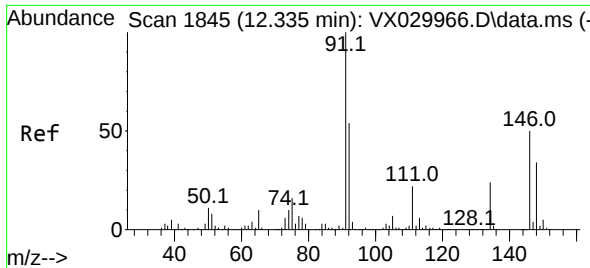


#84
1,4-Dichlorobenzene
Concen: 19.383 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08



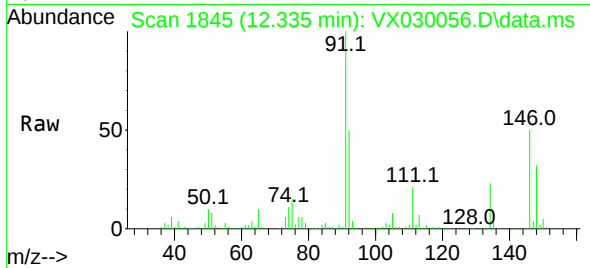
Tgt Ion:146 Resp: 92719
Ion Ratio Lower Upper
146 100
111 38.4 19.2 57.6
148 63.4 32.3 96.8





#85
n-Butylbenzene
Concen: 19.721 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

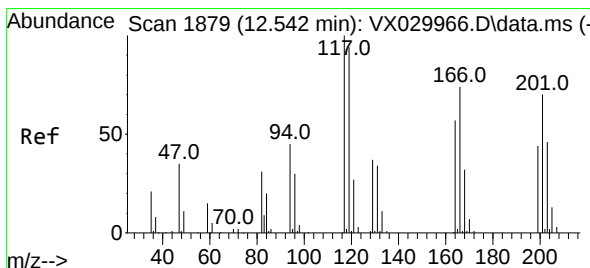
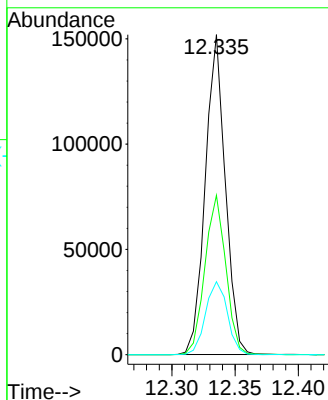
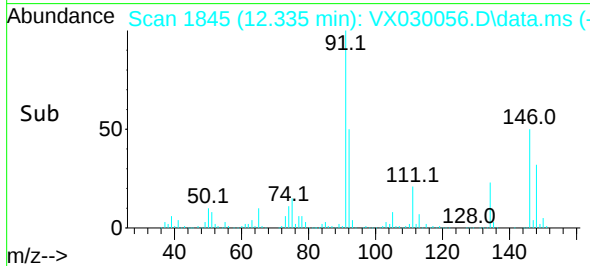
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



Tgt Ion: 91 Resp: 167458
Ion Ratio Lower Upper
91 100
92 51.8 0.0 109.4
134 24.9 0.0 56.4

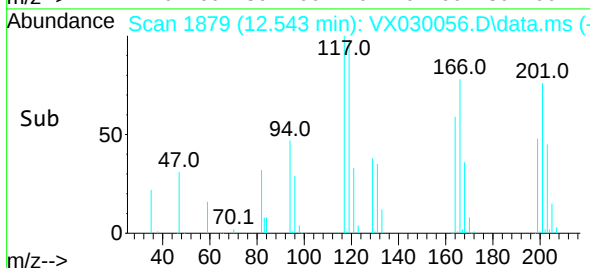
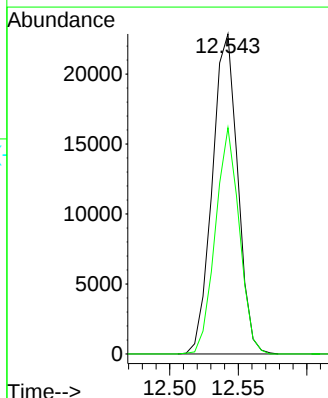
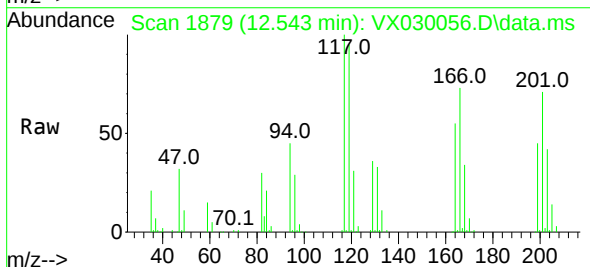
Manual Integrations
APPROVED

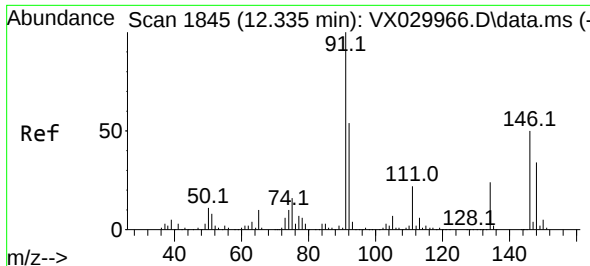
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#86
Hexachloroethane
Concen: 19.651 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

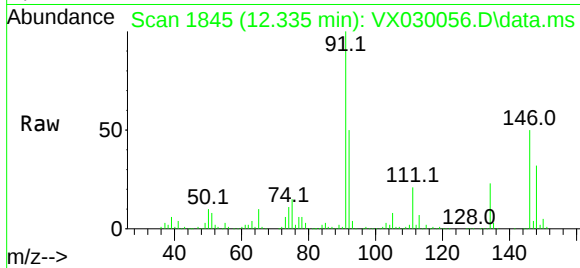
Tgt Ion:117 Resp: 29542
Ion Ratio Lower Upper
117 100
201 66.4 39.5 118.5





#87
1,2-Dichlorobenzene
Concen: 20.016 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

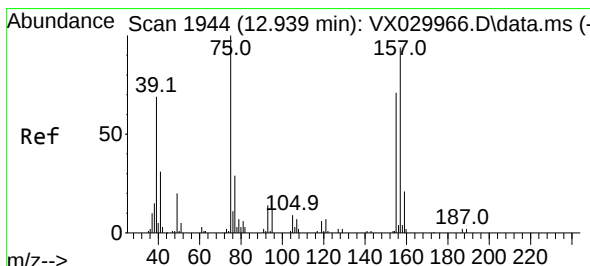
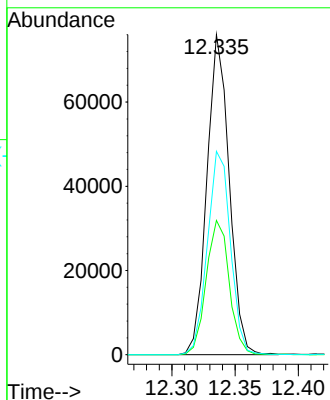
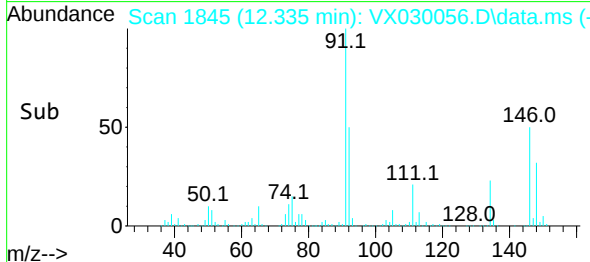
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



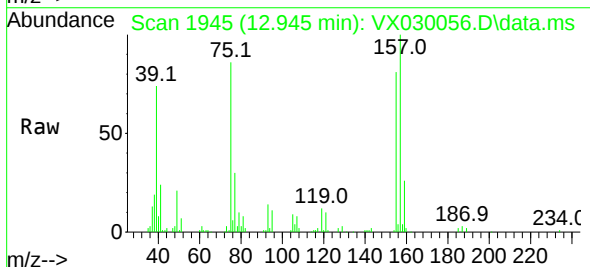
Tgt Ion:146 Resp: 93225
Ion Ratio Lower Upper
146 100
111 43.3 21.1 63.3
148 65.6 31.4 94.2

Manual Integrations
APPROVED

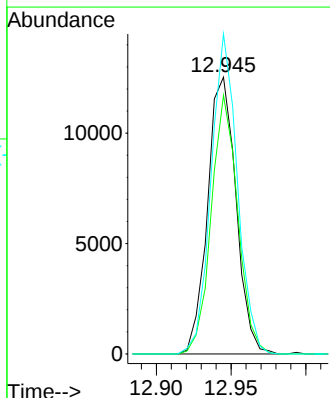
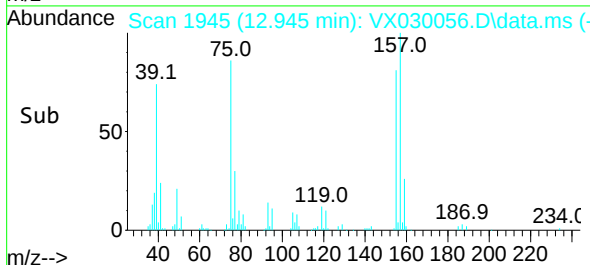
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

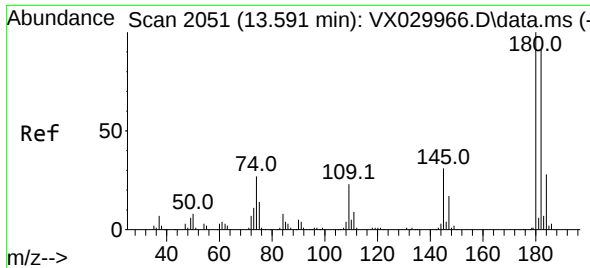


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.652 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08



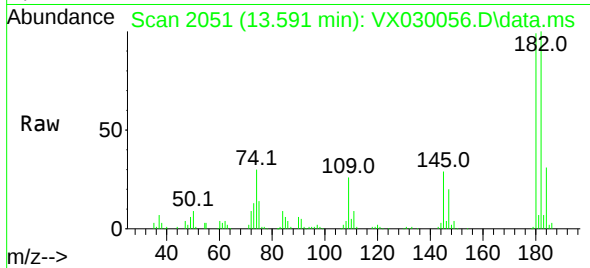
Tgt Ion: 75 Resp: 16569
Ion Ratio Lower Upper
75 100
155 86.8 74.3 111.5
157 106.9 97.3 145.9





#89
1,2,4-Trichlorobenzene
Concen: 19.210 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

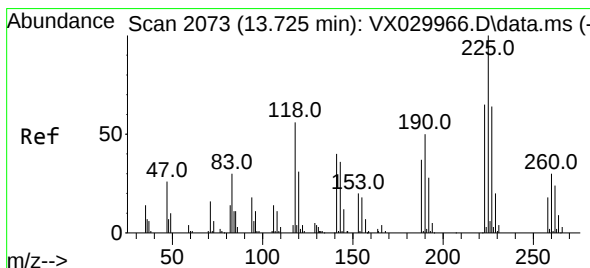
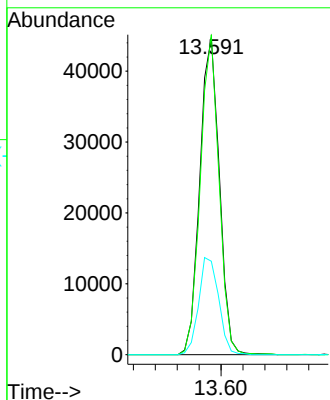
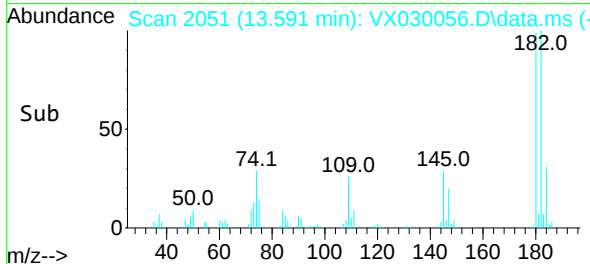
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01



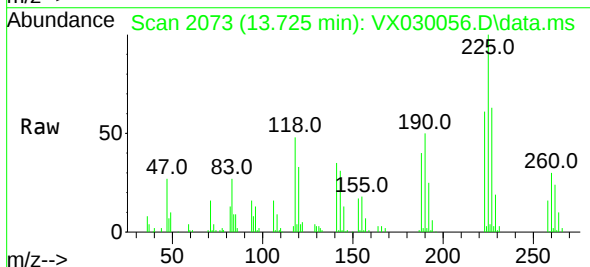
Tgt Ion:180 Resp: 55390
Ion Ratio Lower Upper
180 100
182 96.1 77.4 116.2
145 31.5 24.2 36.4

Manual Integrations
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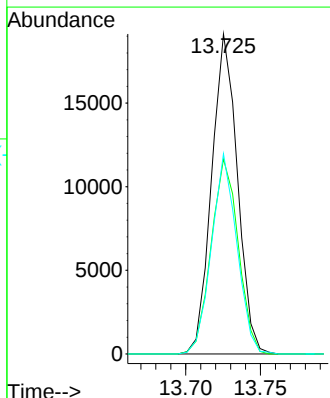
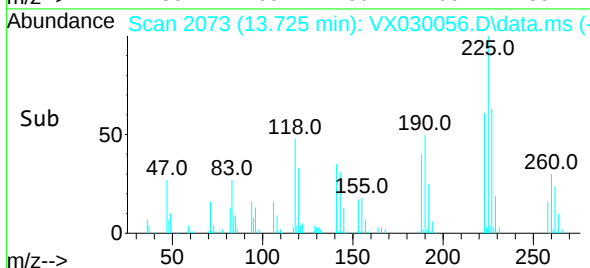
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

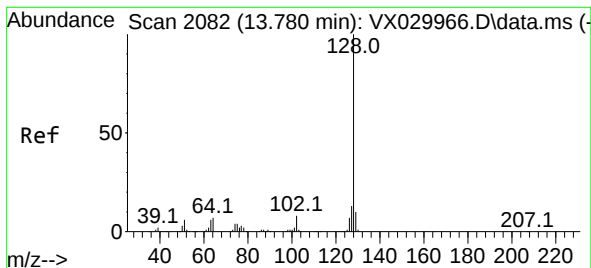


#90
Hexachlorobutadiene
Concen: 20.951 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08



Tgt Ion:225 Resp: 22913
Ion Ratio Lower Upper
225 100
223 64.1 0.0 126.0
227 61.6 0.0 125.0





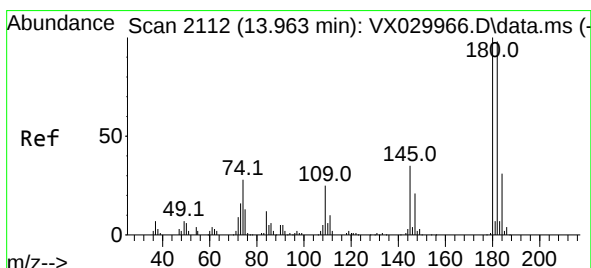
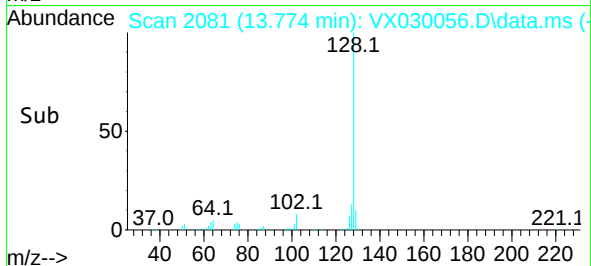
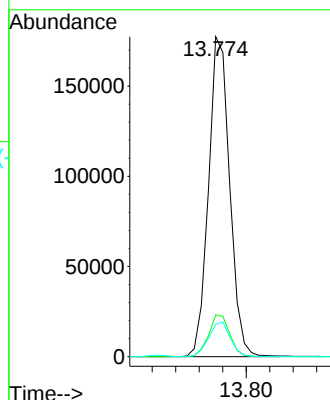
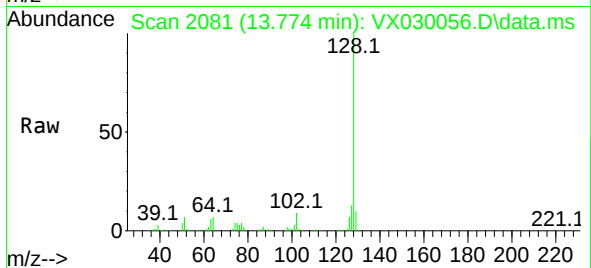
#91
Naphthalene
Concen: 19.332 ug/l
RT: 13.774 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tgt Ion:128 Resp: 22220
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#92
1,2,3-Trichlorobenzene
Concen: 19.561 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX030056.D
Acq: 14 Jul 2022 13:08

Tgt Ion:180 Resp: 57456
Ion Ratio Lower Upper
180 100
182 98.3 0.0 189.4
145 34.5 0.0 67.2

