

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101322\
 Data File : VX032113.D
 Acq On : 13 Oct 2022 16:13
 Operator : JC/MD
 Sample : VX1013MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/14/2022
 Supervised By : Mahesh Dadoda 10/14/2022

Quant Time: Oct 14 07:52:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	77032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	119974	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90030	56.592	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.180%			
35) Dibromofluoromethane	5.385	113	67633	49.802	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.600%			
50) Toluene-d8	8.647	98	243225	49.773	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.540%			
62) 4-Bromofluorobenzene	11.079	95	88977	51.504	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.000%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22886	19.963	ug/l	96
3) Chloromethane	1.288	50	20171	16.802	ug/l	99
4) Vinyl Chloride	1.374	62	24315	17.331	ug/l	99
5) Bromomethane	1.611	94	16606	15.819	ug/l	98
6) Chloroethane	1.685	64	15945	13.356	ug/l	97
7) Trichlorofluoromethane	1.886	101	39280	15.576	ug/l	98
8) Diethyl Ether	2.130	74	13775	16.025	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	20116	15.781	ug/l	91
10) Methyl Iodide	2.447	142	20879	17.966	ug/l	97
11) Tert butyl alcohol	2.983	59	22389	113.115	ug/l	99
12) 1,1-Dichloroethene	2.319	96	17196	14.656	ug/l	87
13) Acrolein	2.239	56	8386	61.741	ug/l	97
14) Allyl chloride	2.660	41	34749	20.813	ug/l	96
15) Acrylonitrile	3.062	53	62722	99.405	ug/l	99
16) Acetone	2.386	43	41989	77.660	ug/l	100
17) Carbon Disulfide	2.508	76	40192	15.951	ug/l	98
18) Methyl Acetate	2.703	43	39312	22.036	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	82357	20.916	ug/l	99
20) Methylene Chloride	2.788	84	26229	18.461	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	23102	17.779	ug/l	96
22) Diisopropyl ether	3.757	45	79629	21.216	ug/l	91
23) Vinyl Acetate	3.721	43	312720	111.467	ug/l	100
24) 1,1-Dichloroethane	3.611	63	45430	20.192	ug/l	97
25) 2-Butanone	4.562	43	86644	102.513	ug/l	99
26) 2,2-Dichloropropane	4.471	77	35268	21.824	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	29722	19.117	ug/l	91
28) Bromochloromethane	4.897	49	21563	22.391	ug/l	91
29) Tetrahydrofuran	5.013	42	53374	97.872	ug/l	95
30) Chloroform	5.092	83	52550	20.969	ug/l	92
31) Cyclohexane	5.464	56	36011	18.948	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	45309	21.276	ug/l	99
36) 1,1-Dichloropropene	5.690	75	35123	19.504	ug/l	99
37) Ethyl Acetate	4.721	43	35375	20.865	ug/l	100
38) Carbon Tetrachloride	5.678	117	37906	20.586	ug/l	98
39) Methylcyclohexane	7.379	83	41037	19.104	ug/l	97
40) Benzene	6.037	78	101057	19.164	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	18727	21.242	ug/l	95
42) 1,2-Dichloroethane	6.086	62	44495	23.155	ug/l	99
43) Isopropyl Acetate	6.342	43	56018	21.777	ug/l	99
44) Trichloroethene	7.123	130	28374	18.351	ug/l	93
45) 1,2-Dichloropropane	7.427	63	26512	20.458	ug/l	99
46) Dibromomethane	7.580	93	19963	19.877	ug/l	96
47) Bromodichloromethane	7.824	83	37201	21.442	ug/l	99
48) Methyl methacrylate	7.690	41	28525	23.207	ug/l	97
49) 1,4-Dioxane	7.690	88	11222	359.299	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	185756	108.971	ug/l	99
52) Toluene	8.720	92	65091	18.879	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	35640	19.829	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	39311	20.922	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	27923	19.189	ug/l	99
56) Ethyl methacrylate	9.116	69	39246	21.040	ug/l	96
57) 1,3-Dichloropropane	9.311	76	47340	20.244	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	103797	107.799	ug/l	95
59) 2-Hexanone	9.433	43	134857	107.294	ug/l	100
60) Dibromochloromethane	9.525	129	26909	20.206	ug/l	97
61) 1,2-Dibromoethane	9.610	107	28679	19.597	ug/l	98
64) Tetrachloroethene	9.275	164	27768	18.732	ug/l	97
65) Chlorobenzene	10.079	112	72636	18.257	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	26897	19.538	ug/l	97
67) Ethyl Benzene	10.195	91	132293	19.656	ug/l	98
68) m/p-Xylenes	10.305	106	100674	37.640	ug/l	95
69) o-Xylene	10.640	106	49976	19.224	ug/l	96
70) Styrene	10.659	104	81956	19.720	ug/l	98
71) Bromoform	10.799	173	17423	19.333	ug/l #	97
73) Isopropylbenzene	10.963	105	131696	22.976	ug/l	98
74) N-amyl acetate	10.841	43	46912	26.801	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	40334	22.147	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	37248m	23.914	ug/l	
77) Bromobenzene	11.201	156	30453	21.569	ug/l	97
78) n-propylbenzene	11.305	91	150255	23.047	ug/l	99
79) 2-Chlorotoluene	11.366	91	93219	23.760	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	112221	23.606	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	8672	21.932	ug/l #	73
82) 4-Chlorotoluene	11.457	91	105997	23.590	ug/l	97
83) tert-Butylbenzene	11.713	119	91798	19.511	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	94065	19.478	ug/l	99
85) sec-Butylbenzene	11.890	105	118009	20.259	ug/l	99
86) p-Isopropyltoluene	12.012	119	96117	19.598	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	48385	17.998	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	50833	18.370	ug/l	99
89) n-Butylbenzene	12.335	91	84630	20.606	ug/l	99
90) Hexachloroethane	12.542	117	13681	18.392	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	49472	18.509	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6351	19.052	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	38362	23.647	ug/l	99
94) Hexachlorobutadiene	13.725	225	16758	25.541	ug/l	97
95) Naphthalene	13.774	128	130312	23.442	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	39561	24.042	ug/l	98

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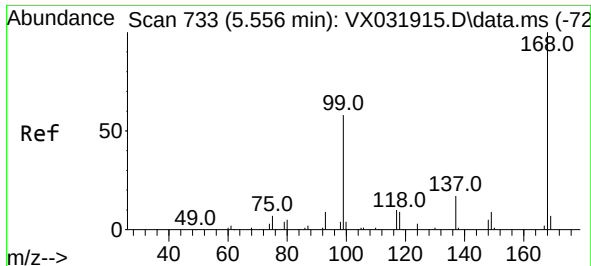
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



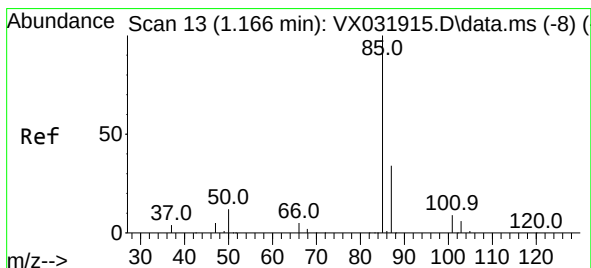
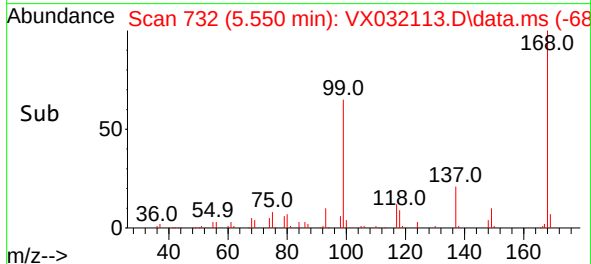
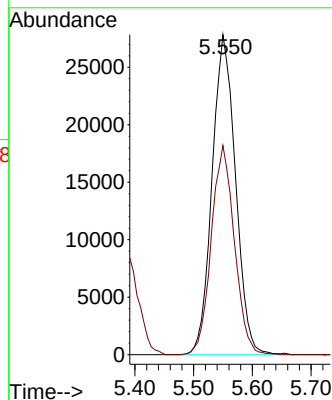
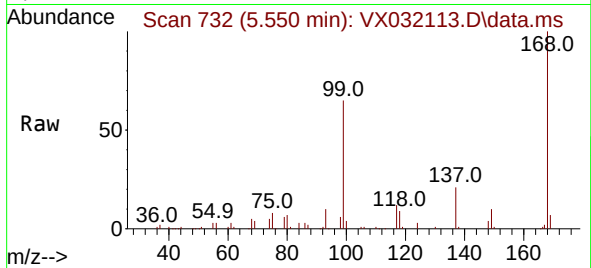
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

Instrument :
MSVOA_X
ClientSampleId :
VX1013MBSD01

Tgt Ion:168 Resp: 7703
Ion Ratio Lower Upper
168 100
99 65.4 48.8 73.2

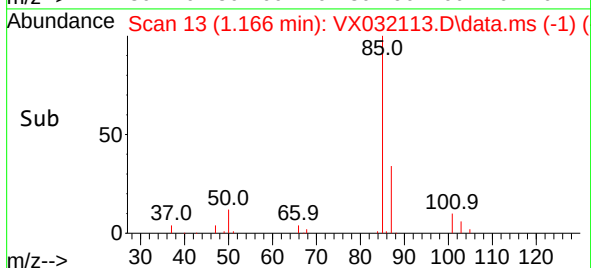
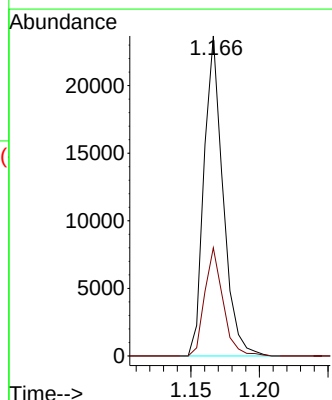
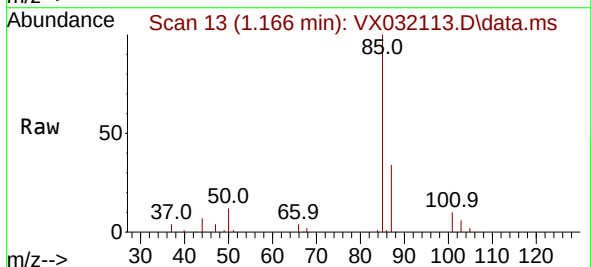
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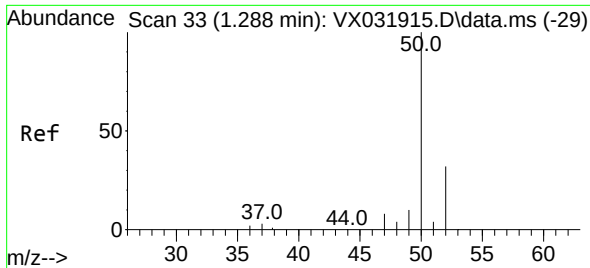
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#2
Dichlorodifluoromethane
Concen: 19.963 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

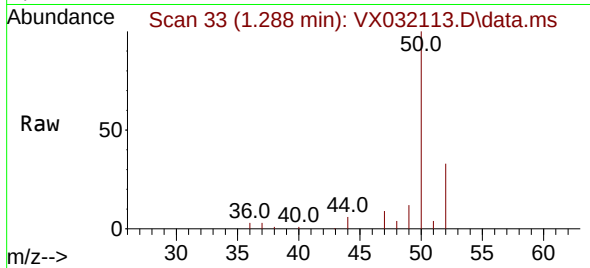
Tgt Ion: 85 Resp: 22886
Ion Ratio Lower Upper
85 100
87 33.8 15.8 47.4





#3
Chloromethane
Concen: 16.802 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

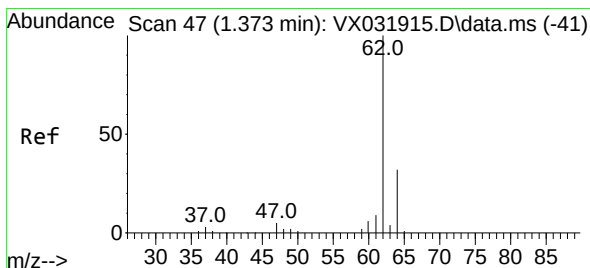
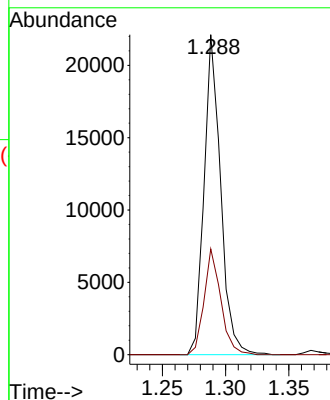
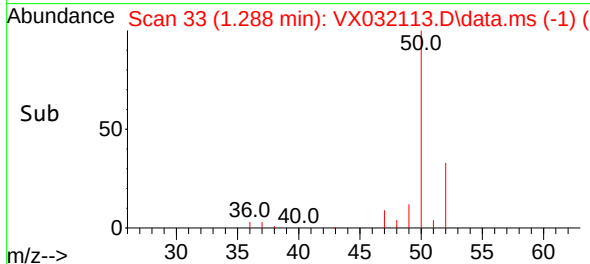
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBSD01



Tgt Ion: 50 Resp: 2017
Ion Ratio Lower Upper
50 100
52 33.1 26.9 40.3

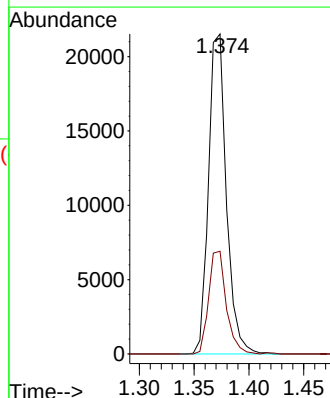
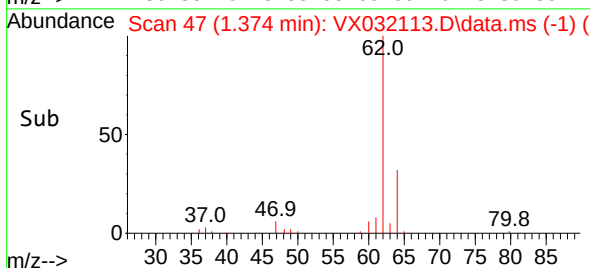
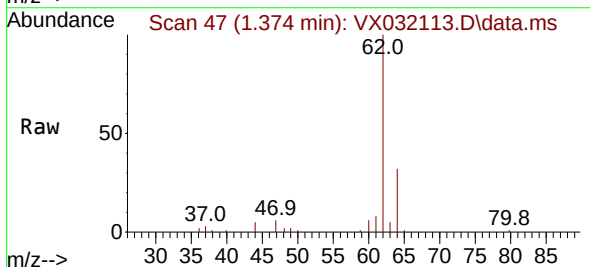
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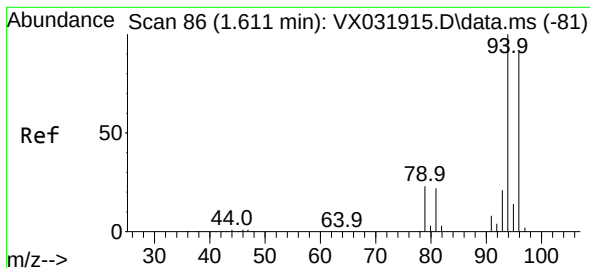
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#4
Vinyl Chloride
Concen: 17.331 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

Tgt Ion: 62 Resp: 24315
Ion Ratio Lower Upper
62 100
64 32.1 25.3 37.9





#5

Bromomethane

Concen: 15.819 ug/l

RT: 1.611 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX032113.D

Acq: 13 Oct 2022 16:13

Instrument :

MSVOA_X

ClientSampleId :

VX1013MBS01

Tgt Ion: 94 Resp: 16600

Ion Ratio Lower Upper

94 100

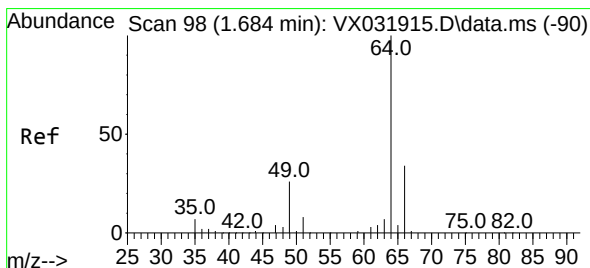
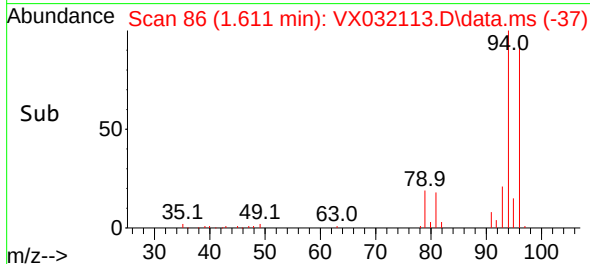
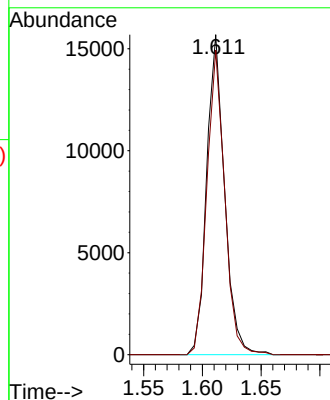
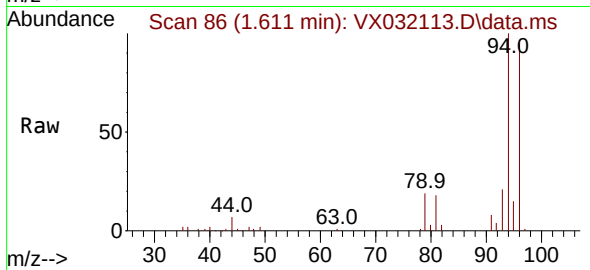
96 95.1 74.4 111.6

Manual Integrations

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#6

Chloroethane

Concen: 13.356 ug/l

RT: 1.685 min Scan# 98

Delta R.T. 0.001 min

Lab File: VX032113.D

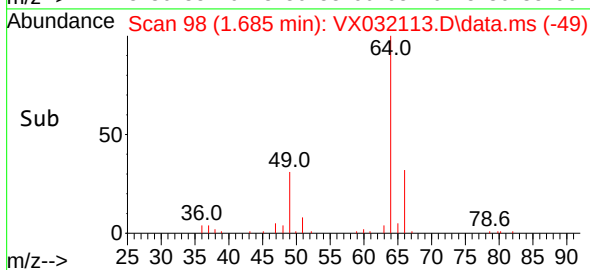
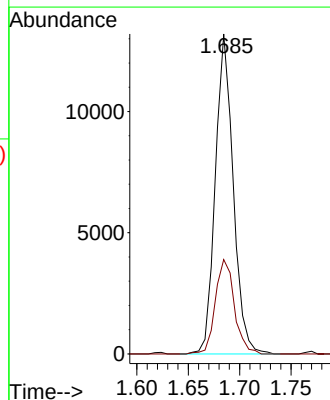
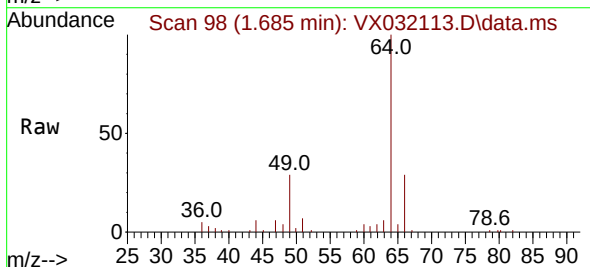
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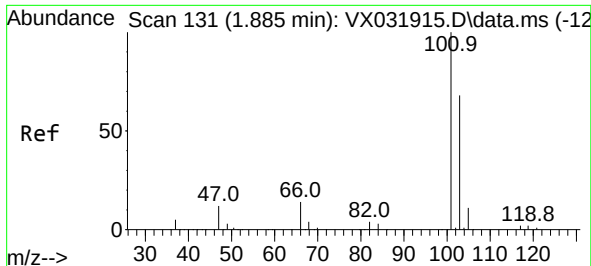
Tgt Ion: 64 Resp: 15945

Ion Ratio Lower Upper

64 100

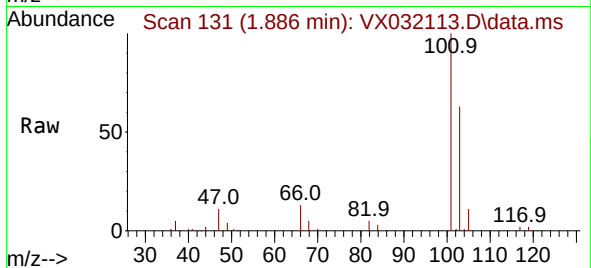
66 29.5 25.0 37.4





#7
Trichlorofluoromethane
Concen: 15.576 ug/l
RT: 1.886 min Scan# 111
Delta R.T. 0.001 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

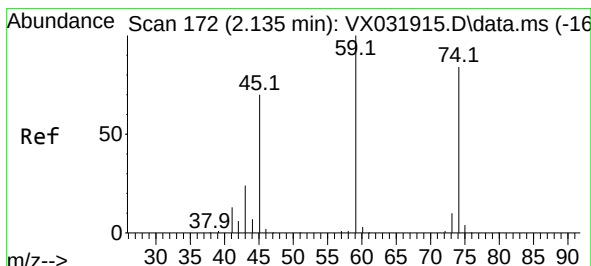
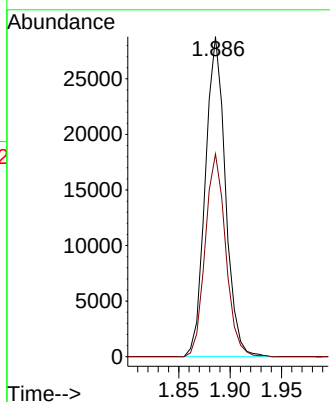
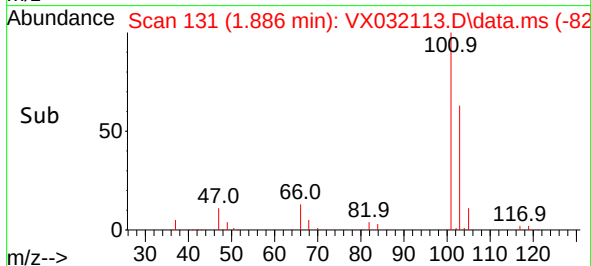
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBSD01



Tgt Ion:101 Resp: 39280
Ion Ratio Lower Upper
101 100
103 63.4 51.8 77.6

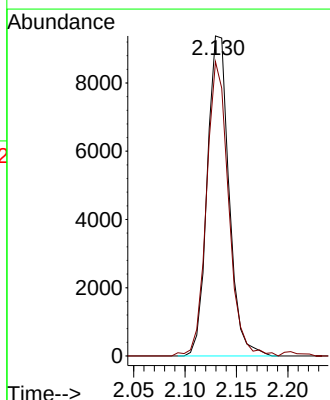
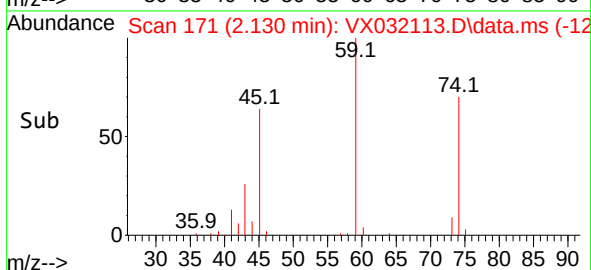
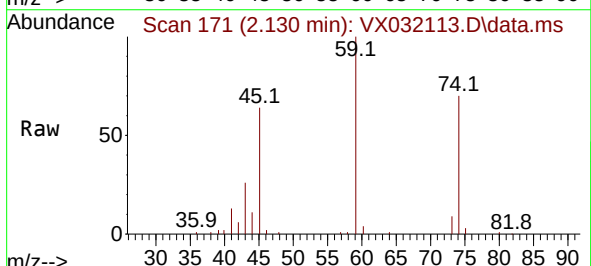
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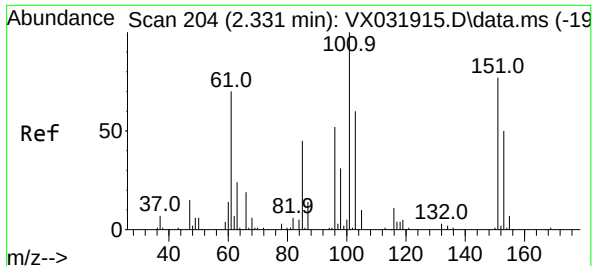
Reviewed By :John Carlone 10/14/2022
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#8
Diethyl Ether
Concen: 16.025 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.005 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

Tgt Ion: 74 Resp: 13775
Ion Ratio Lower Upper
74 100
45 93.2 48.5 145.6





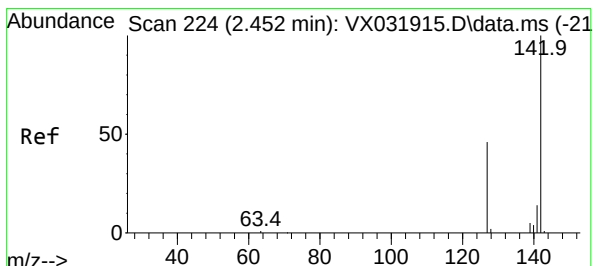
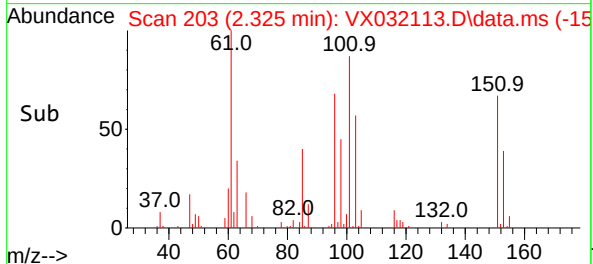
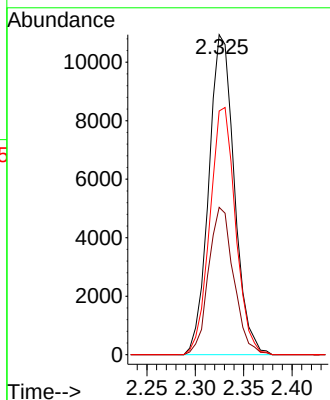
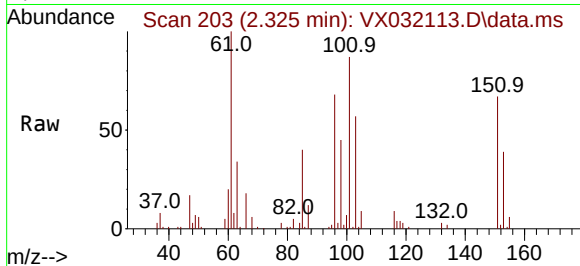
#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.781 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

Instrument :
MSVOA_X
ClientSampleId :
VX1013MBSD01

Tgt Ion:101 Resp: 20110
Ion Ratio Lower Upper
101 100
85 45.3 38.6 57.8
151 77.6 54.0 81.0

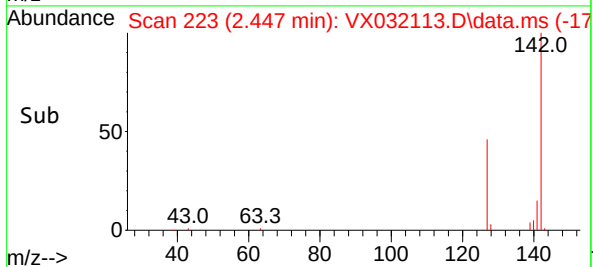
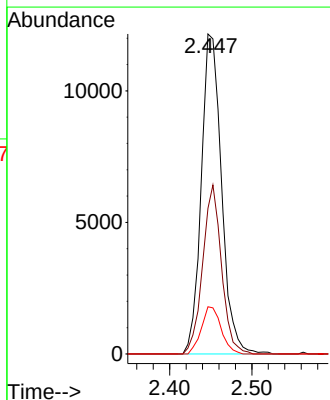
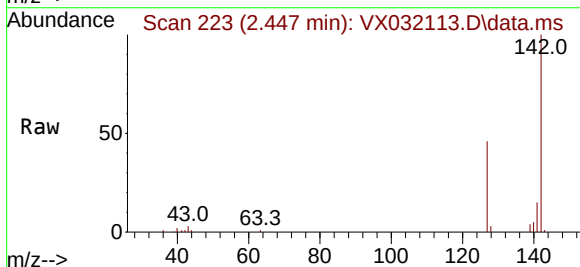
Manual Integrations
APPROVED

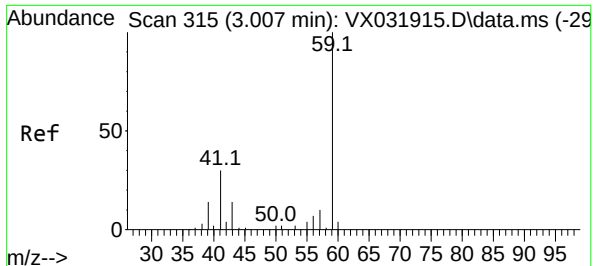
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#10
Methyl Iodide
Concen: 17.966 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.005 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

Tgt Ion:142 Resp: 20879
Ion Ratio Lower Upper
142 100
127 48.9 37.4 56.0
141 14.4 11.6 17.4





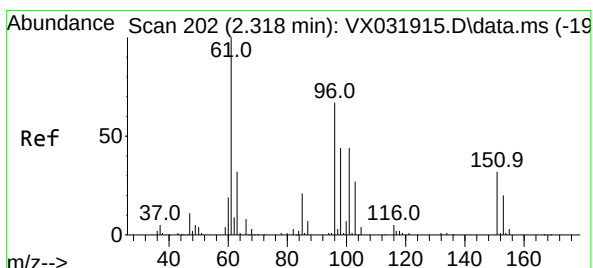
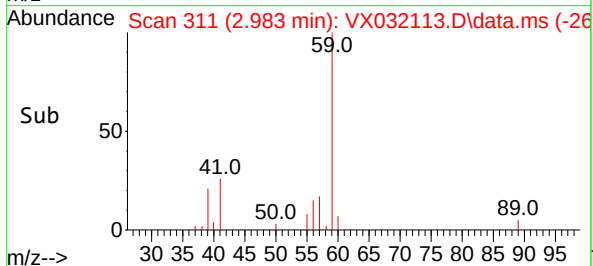
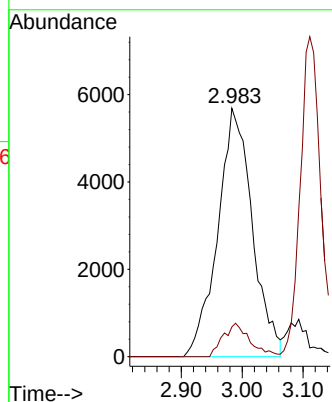
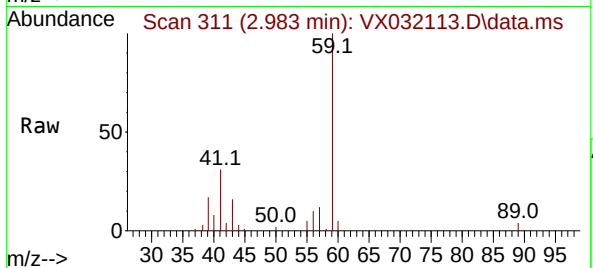
#11
Tert butyl alcohol
Concen: 113.115 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.024 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

Instrument :
MSVOA_X
ClientSampleId :
VX1013MBS01

Tgt Ion: 59 Resp: 22389
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2

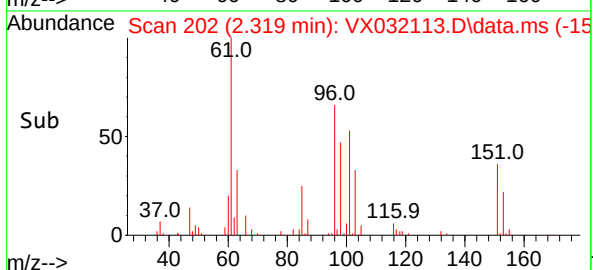
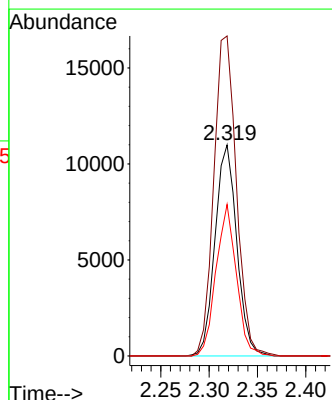
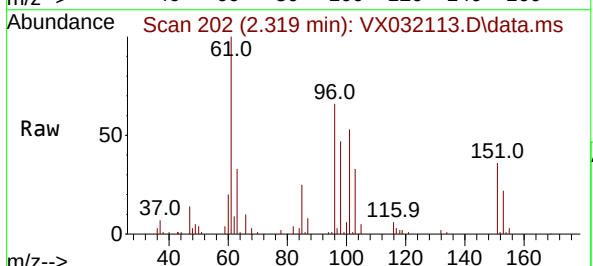
Manual Integrations
APPROVED

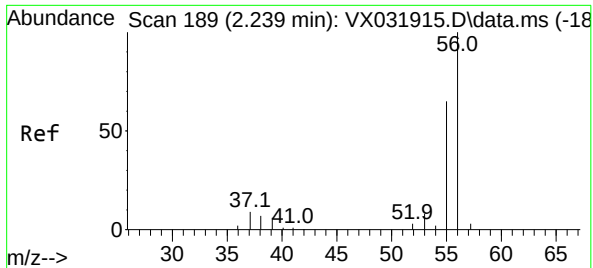
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#12
1,1-Dichloroethene
Concen: 14.656 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

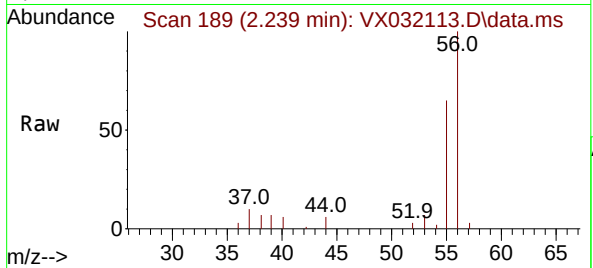
Tgt Ion: 96 Resp: 17196
Ion Ratio Lower Upper
96 100
61 151.7 135.3 202.9
98 71.8 49.4 74.2





#13
Acrolein
Concen: 61.741 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

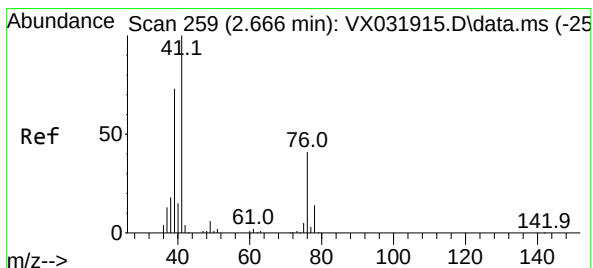
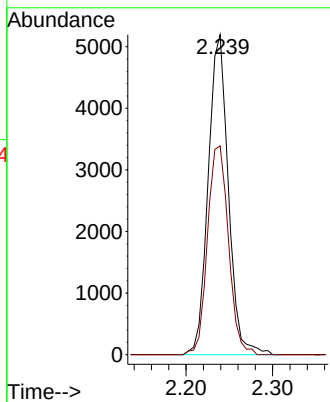
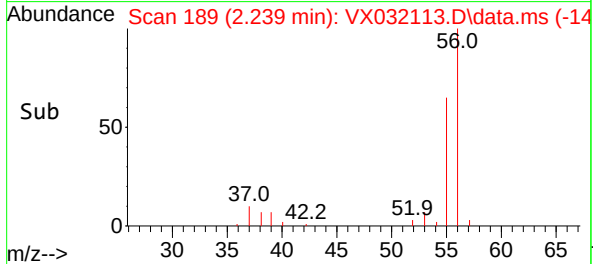
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBSD01



Tgt Ion: 56 Resp: 8380
Ion Ratio Lower Upper
56 100
55 67.9 56.0 84.0

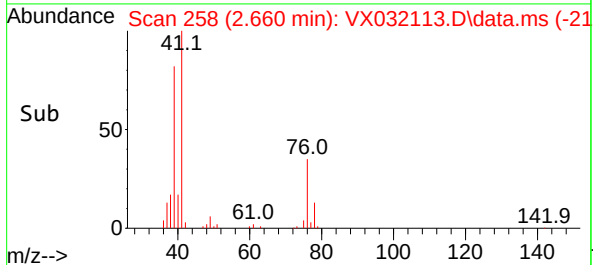
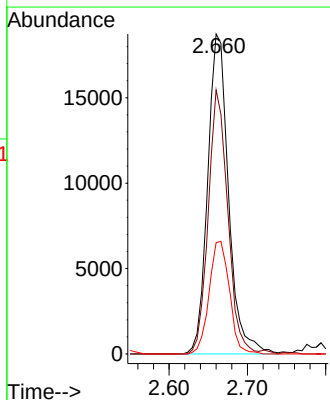
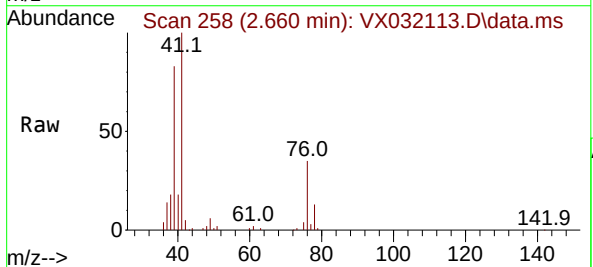
Manual Integrations
APPROVED

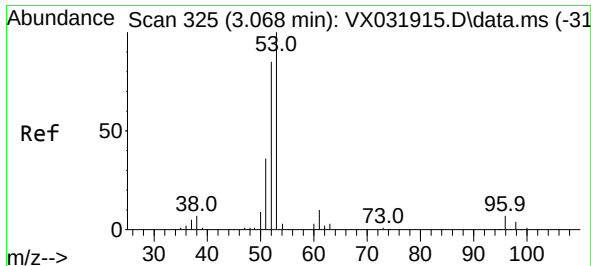
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#14
Allyl chloride
Concen: 20.813 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

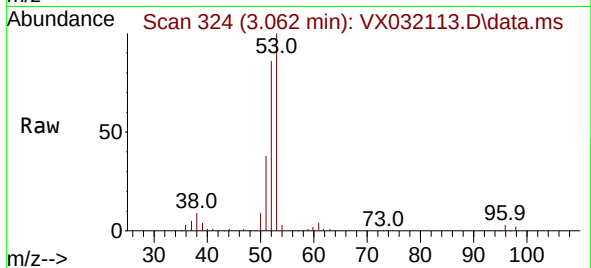
Tgt Ion: 41 Resp: 34749
Ion Ratio Lower Upper
41 100
39 77.0 58.2 87.4
76 34.2 26.9 40.3





#15
Acrylonitrile
Concen: 99.405 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

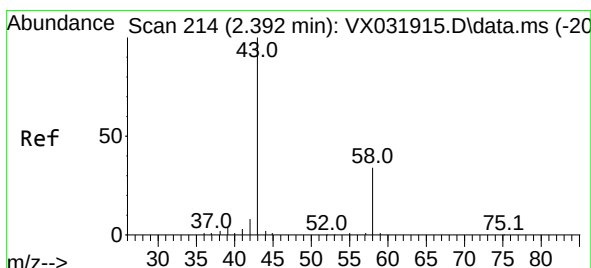
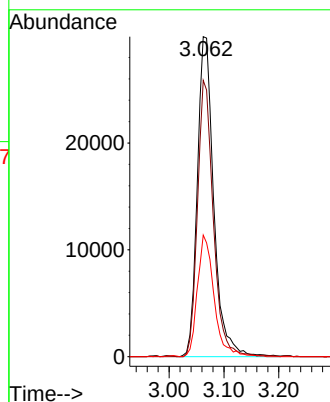
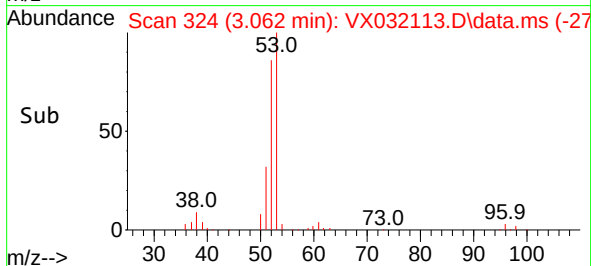
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBSD01



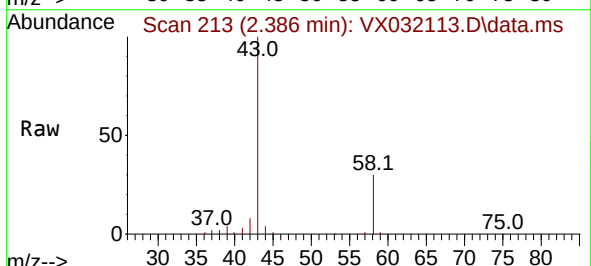
Tgt Ion: 53 Resp: 6272
Ion Ratio Lower Upper
53 100
52 82.7 66.9 100.3
51 38.4 30.0 45.0

Manual Integrations
APPROVED

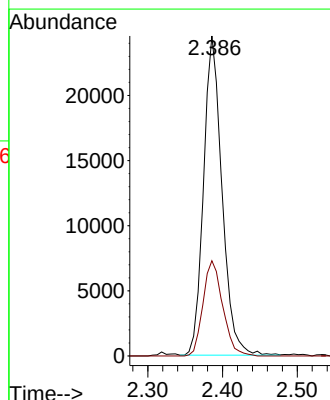
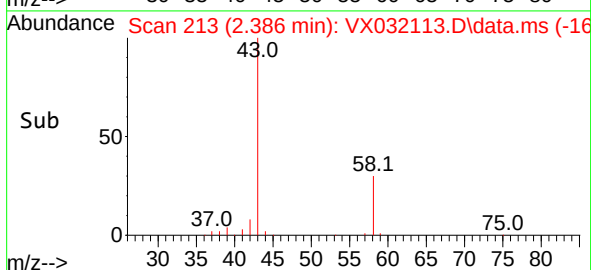
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

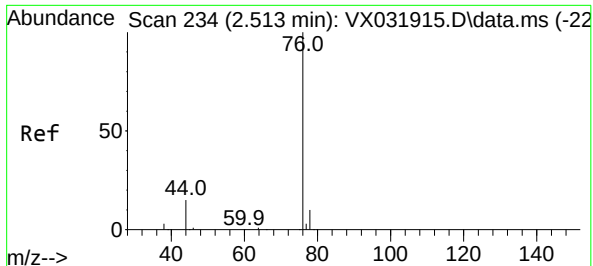


#16
Acetone
Concen: 77.660 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13



Tgt Ion: 43 Resp: 41989
Ion Ratio Lower Upper
43 100
58 29.8 23.8 35.8





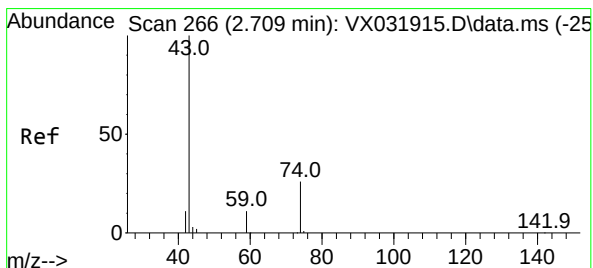
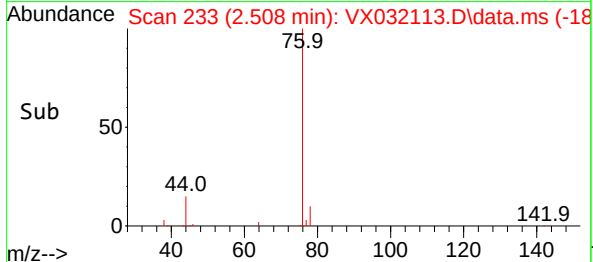
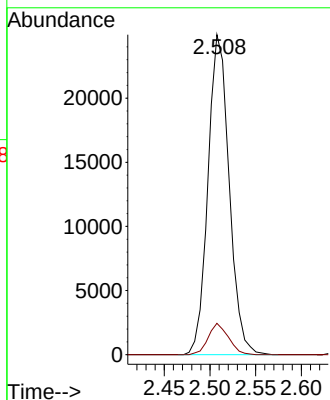
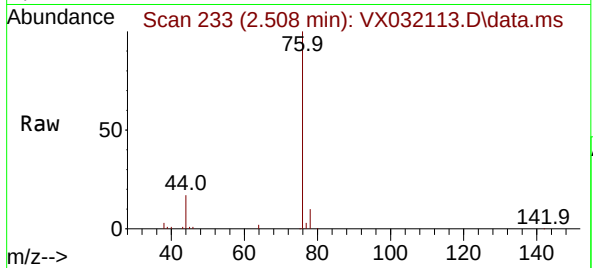
#17
Carbon Disulfide
Concen: 15.951 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.005 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

Instrument :
MSVOA_X
ClientSampleId :
VX1013MBSD01

Tgt Ion: 76 Resp: 40192
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8

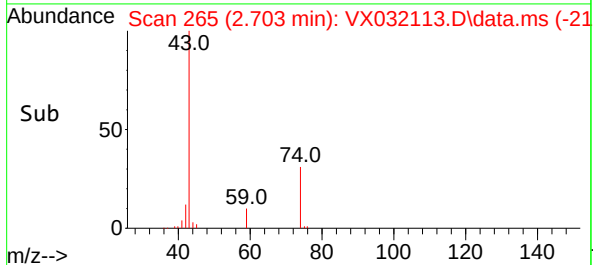
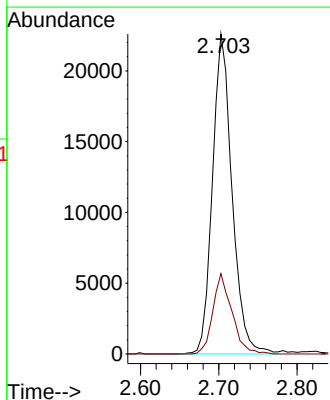
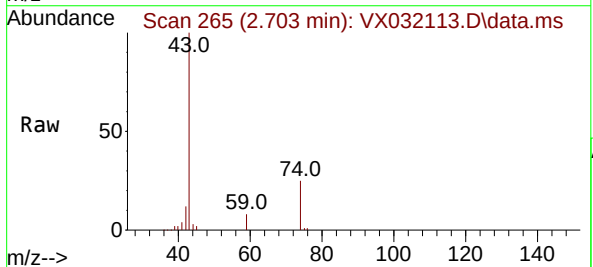
Manual Integrations
APPROVED

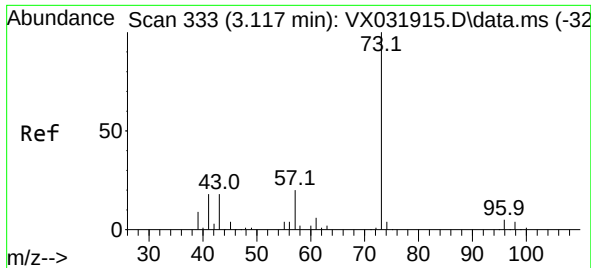
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#18
Methyl Acetate
Concen: 22.036 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

Tgt Ion: 43 Resp: 39312
Ion Ratio Lower Upper
43 100
74 24.4 18.6 27.8





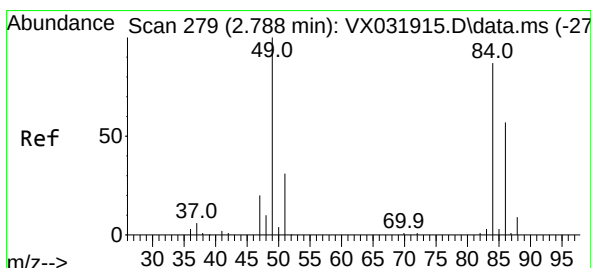
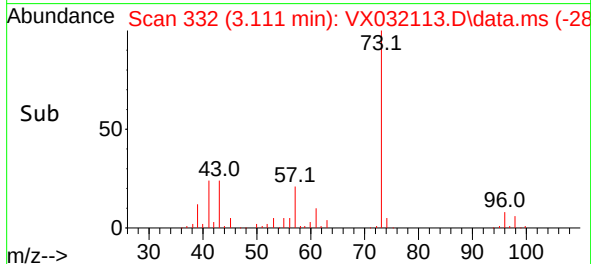
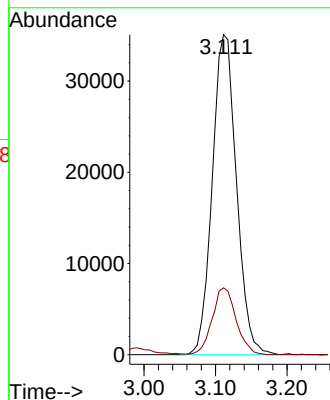
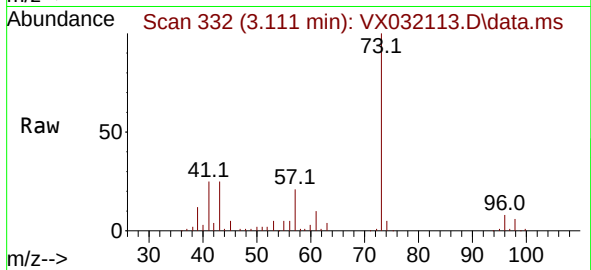
#19
Methyl tert-butyl Ether
Concen: 20.916 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

Instrument :
MSVOA_X
ClientSampleId :
VX1013MBSD01

Tgt Ion: 73 Resp: 8235
Ion Ratio Lower Upper
73 100
57 20.9 17.2 25.8

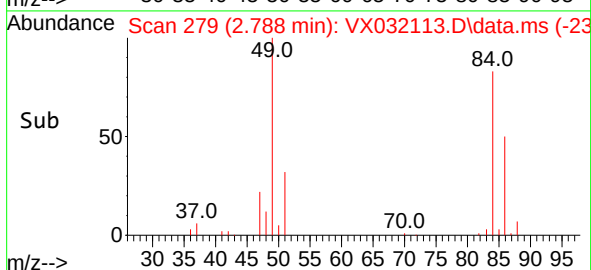
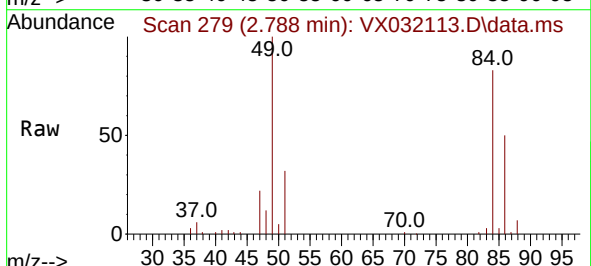
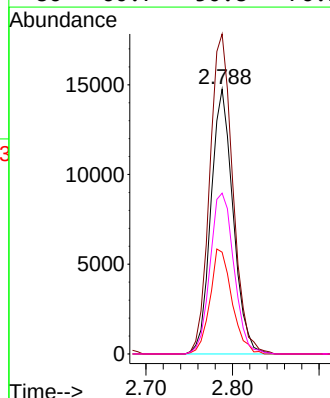
Manual Integrations
APPROVED

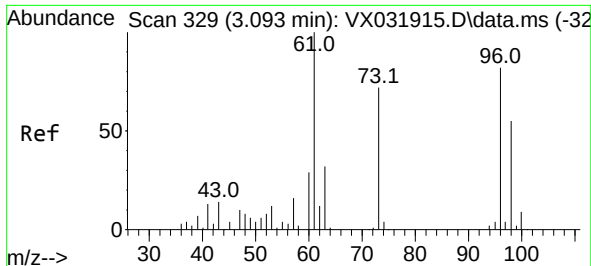
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#20
Methylene Chloride
Concen: 18.461 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

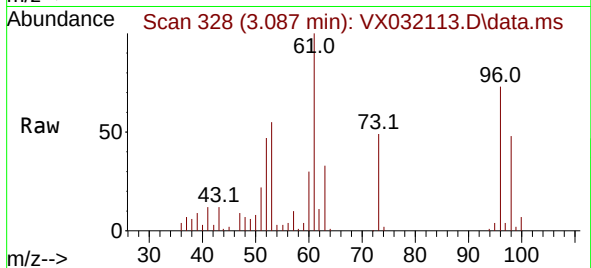
Tgt Ion: 84 Resp: 26229
Ion Ratio Lower Upper
84 100
49 120.9 105.9 158.9
51 38.5 32.2 48.2
86 60.7 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 17.779 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

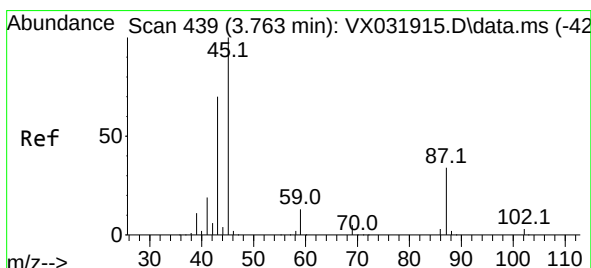
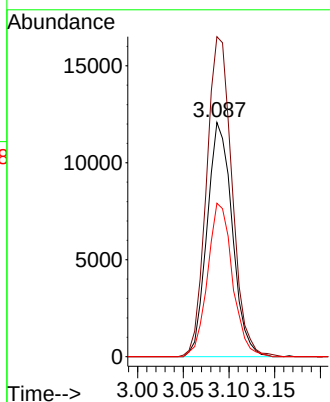
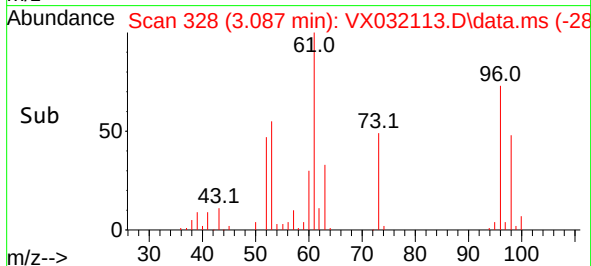
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBSD01



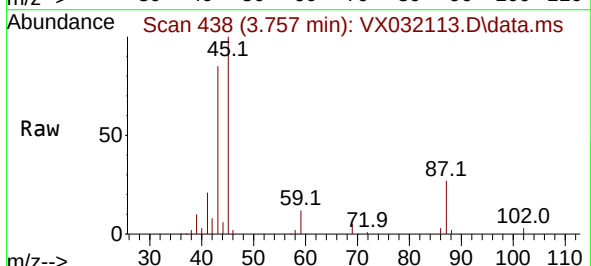
Tgt Ion: 96 Resp: 2310
Ion Ratio Lower Upper
96 100
61 136.6 106.7 160.1
98 65.5 48.7 73.1

Manual Integrations
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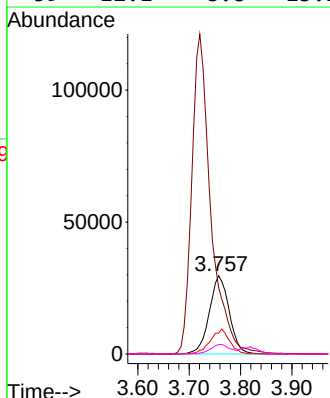
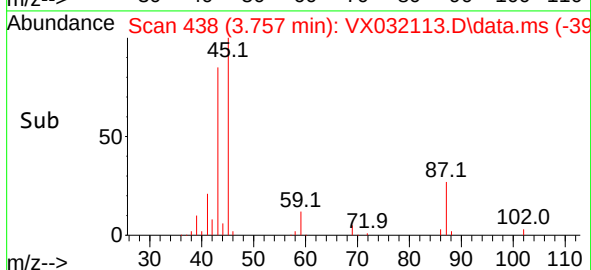
Reviewed By :John Carbone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

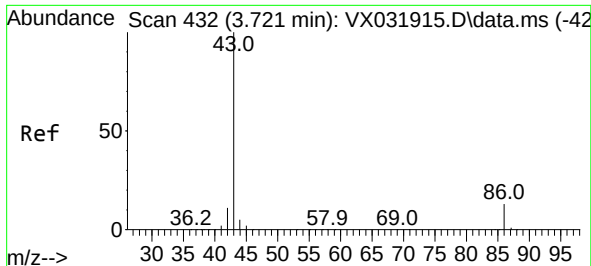


#22
Diisopropyl ether
Concen: 21.216 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13



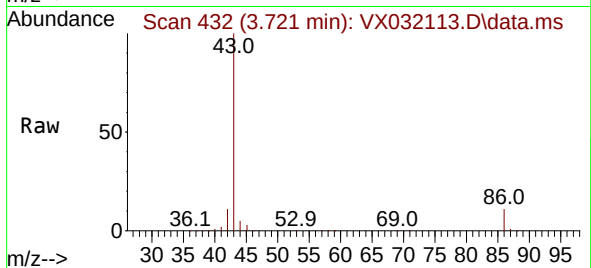
Tgt Ion: 45 Resp: 79629
Ion Ratio Lower Upper
45 100
43 83.9 59.0 88.6
87 26.6 22.6 33.8
59 12.1 8.8 13.2





#23
 Vinyl Acetate
 Concen: 111.467 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX032113.D
 Acq: 13 Oct 2022 16:13

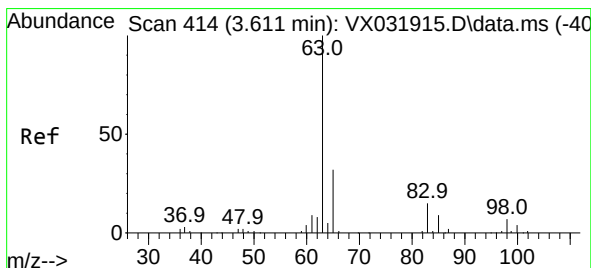
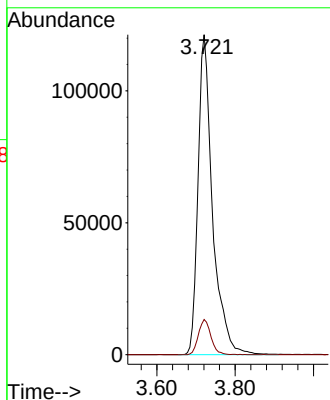
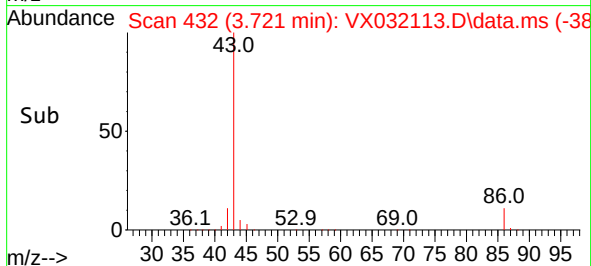
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013MBSD01



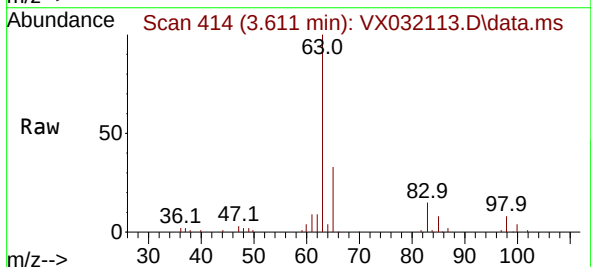
Tgt Ion: 43 Resp: 312720
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.7 13.1

Manual Integrations
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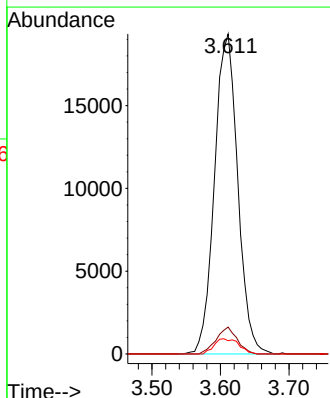
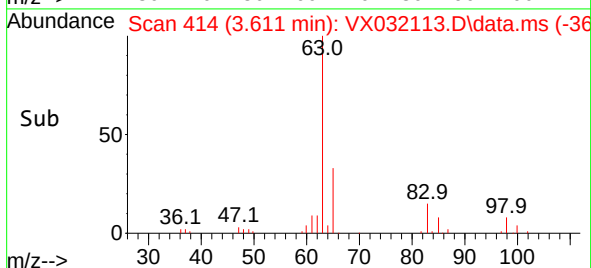
Reviewed By :John Carlone 10/14/2022
 Supervised By :Mahesh Dadoda 10/14/2022

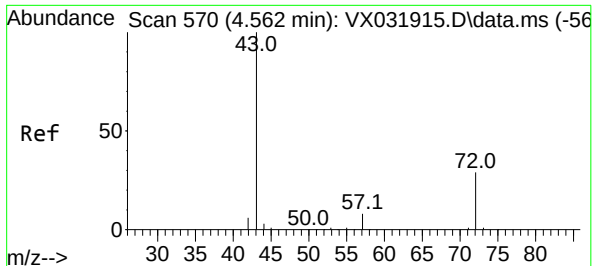


#24
 1,1-Dichloroethane
 Concen: 20.192 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX032113.D
 Acq: 13 Oct 2022 16:13



Tgt Ion: 63 Resp: 45430
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.5 10.4
 100 4.1 2.4 7.2





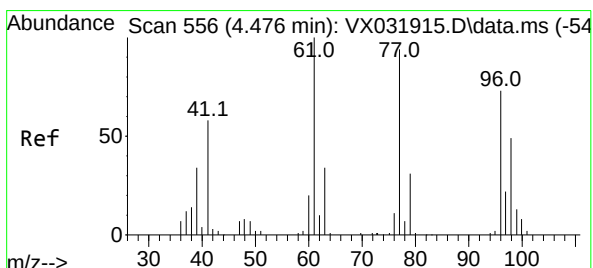
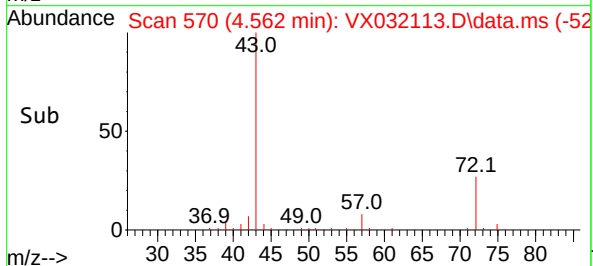
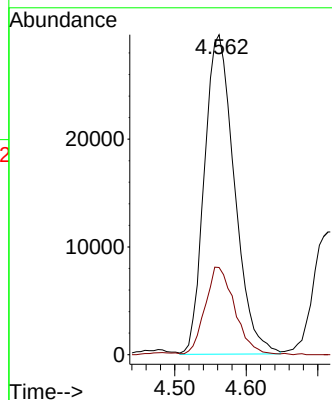
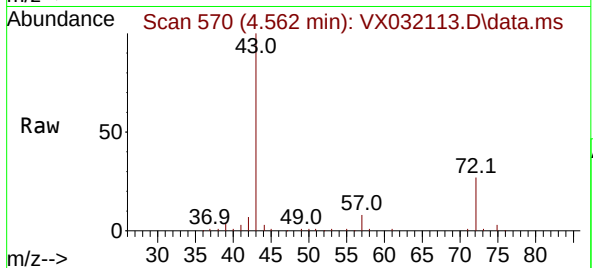
#25
2-Butanone
Concen: 102.513 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

Instrument :
MSVOA_X
ClientSampleId :
VX1013MBSD01

Tgt Ion: 43 Resp: 86644
Ion Ratio Lower Upper
43 100
72 27.2 21.1 31.7

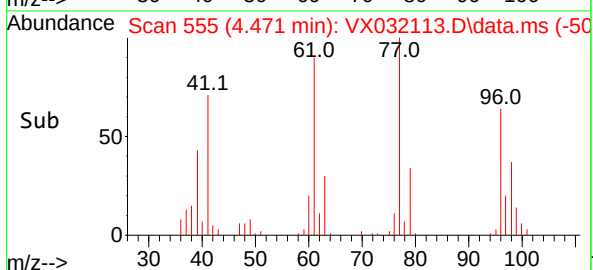
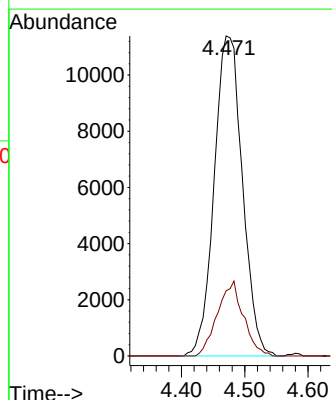
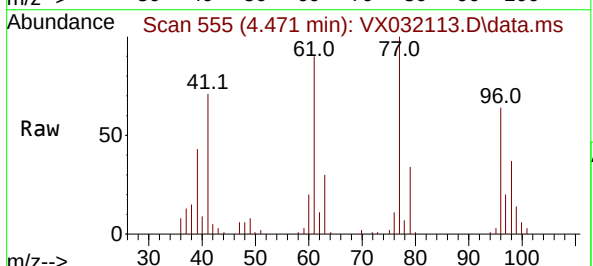
Manual Integrations
APPROVED

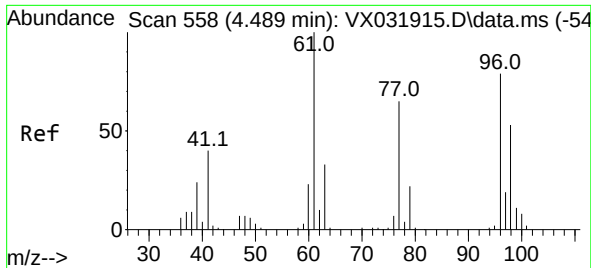
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#26
2,2-Dichloropropane
Concen: 21.824 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.005 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

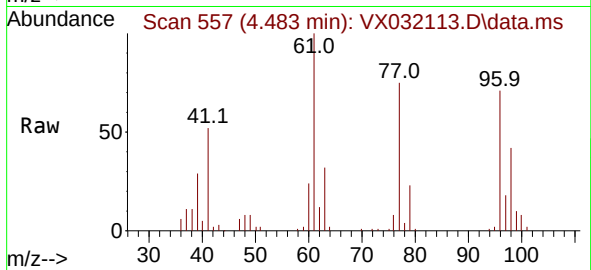
Tgt Ion: 77 Resp: 35268
Ion Ratio Lower Upper
77 100
97 21.5 10.9 32.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.117 ug/l
 RT: 4.483 min Scan# 558
 Delta R.T. -0.006 min
 Lab File: VX032113.D
 Acq: 13 Oct 2022 16:13

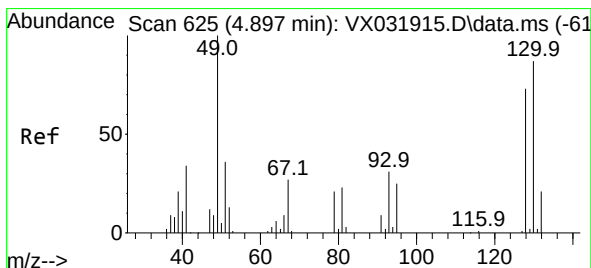
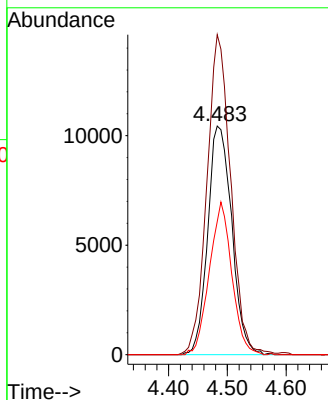
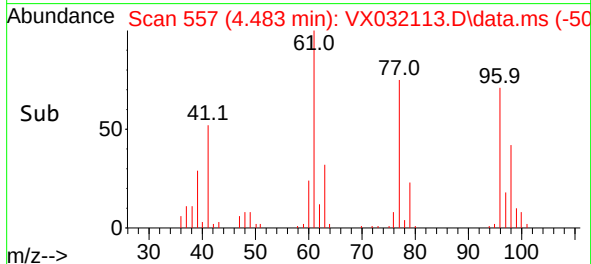
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013MBSD01



Tgt Ion: 96 Resp: 2972
 Ion Ratio Lower Upper
 96 100
 61 138.0 0.0 305.2
 98 62.2 0.0 128.4

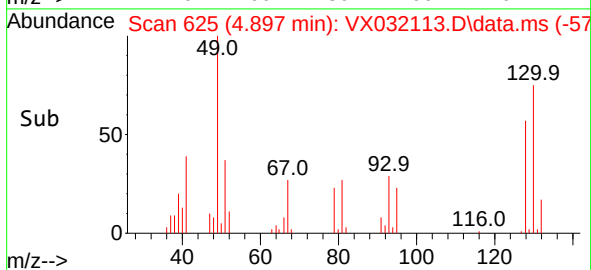
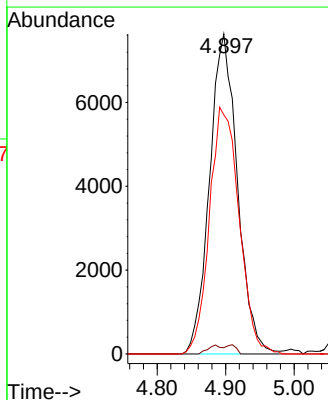
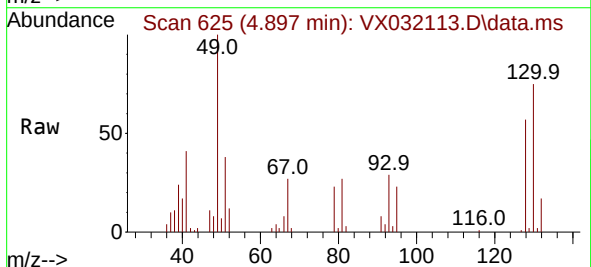
Manual Integrations
 APPROVED

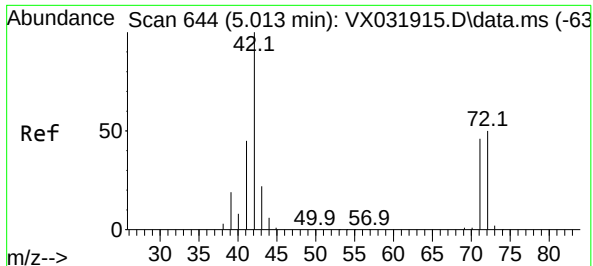
Reviewed By :John Carlone 10/14/2022
 Supervised By :Mahesh Dadoda 10/14/2022



#28
 Bromochloromethane
 Concen: 22.391 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX032113.D
 Acq: 13 Oct 2022 16:13

Tgt Ion: 49 Resp: 21563
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.6
 130 81.9 59.0 88.4





#29

Tetrahydrofuran

Concen: 97.872 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX032113.D

Acq: 13 Oct 2022 16:13

Instrument :

MSVOA_X

ClientSampleId :

VX1013MBS01

Tgt Ion: 42 Resp: 53374

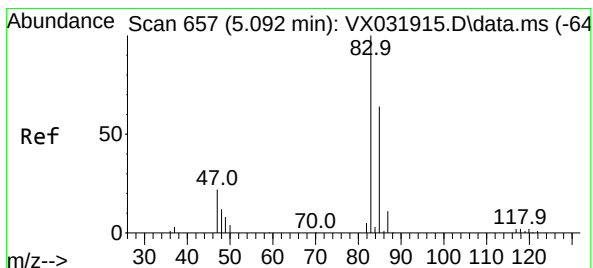
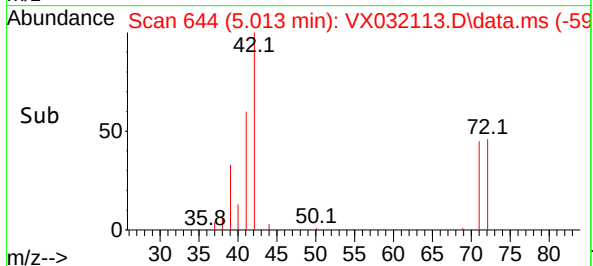
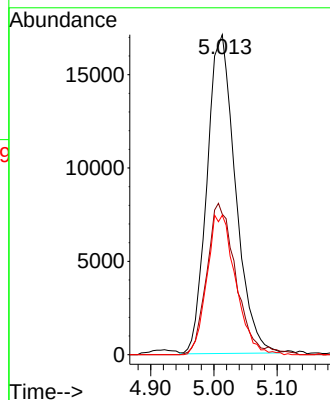
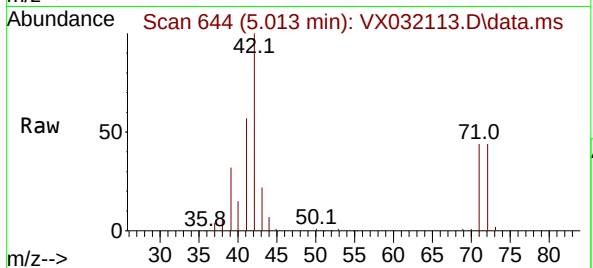
Ion	Ratio	Lower	Upper
42	100		
72	48.8	36.4	54.6
71	44.4	33.5	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#30

Chloroform

Concen: 20.969 ug/l

RT: 5.092 min Scan# 657

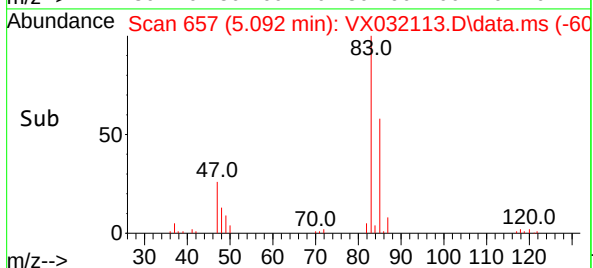
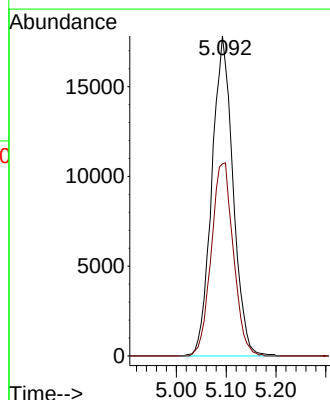
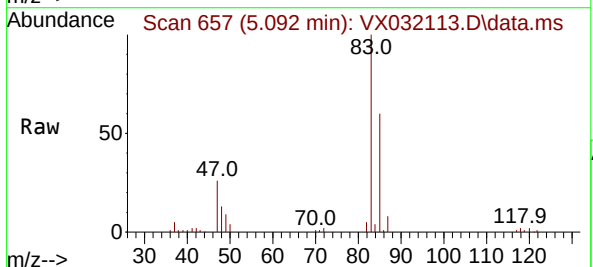
Delta R.T. 0.000 min

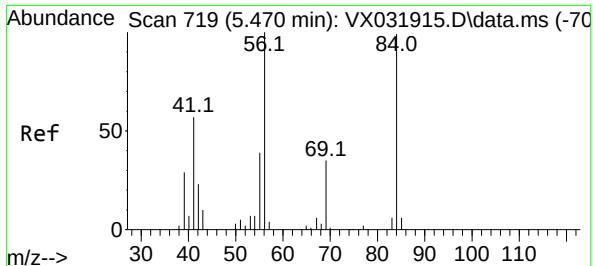
Lab File: VX032113.D

Acq: 13 Oct 2022 16:13

Tgt Ion: 83 Resp: 52550

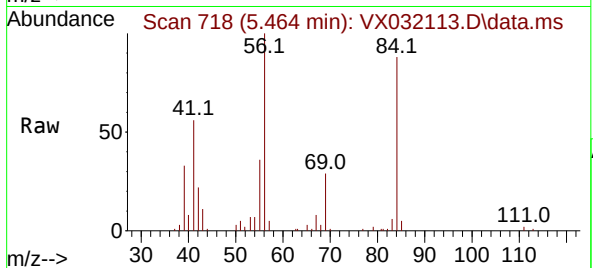
Ion	Ratio	Lower	Upper
83	100		
85	60.0	52.8	79.2





#31
Cyclohexane
Concen: 18.948 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

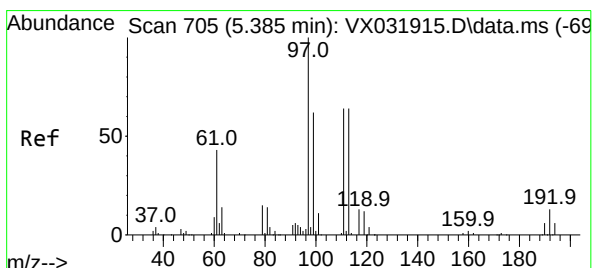
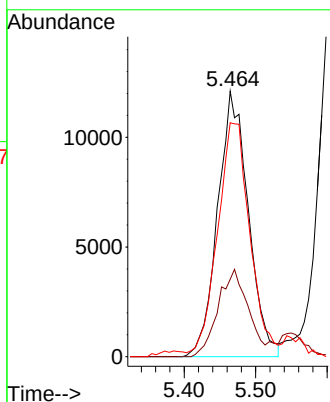
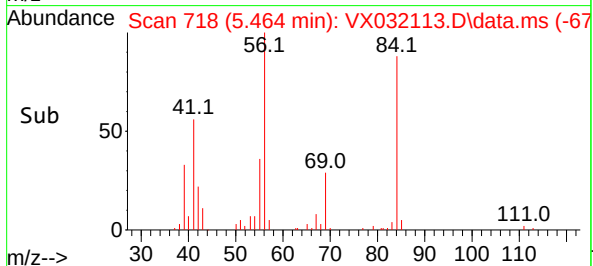
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBSD01



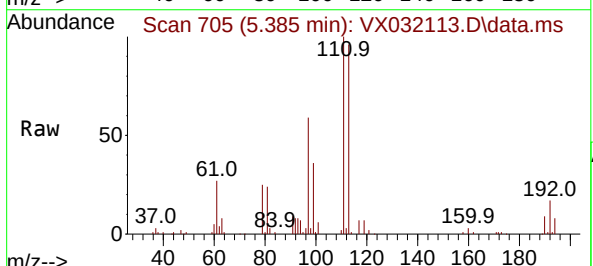
Tgt Ion: 56 Resp: 3601
Ion Ratio Lower Upper
56 100
69 29.2 25.1 37.7
84 86.2 70.2 105.4

Manual Integrations
APPROVED

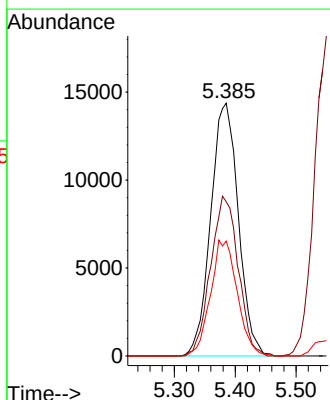
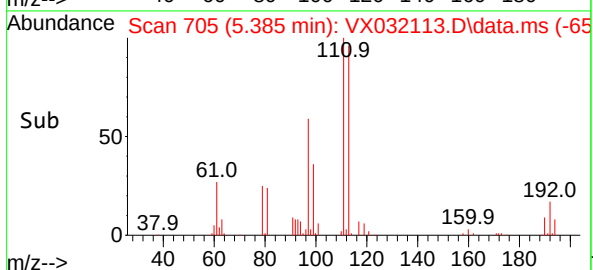
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

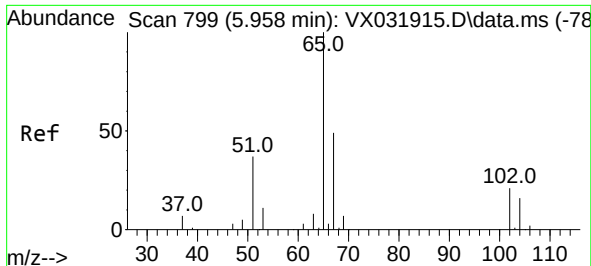


#32
1,1,1-Trichloroethane
Concen: 21.276 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13



Tgt Ion: 97 Resp: 45309
Ion Ratio Lower Upper
97 100
99 63.0 51.3 76.9
61 44.4 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 56.592 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032113.D

Acq: 13 Oct 2022 16:13

Instrument :

MSVOA_X

ClientSampleId :

VX1013MBS01

Tgt Ion: 65 Resp: 90030

Ion Ratio Lower Upper

65 100

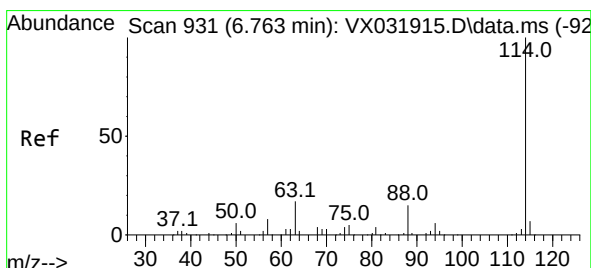
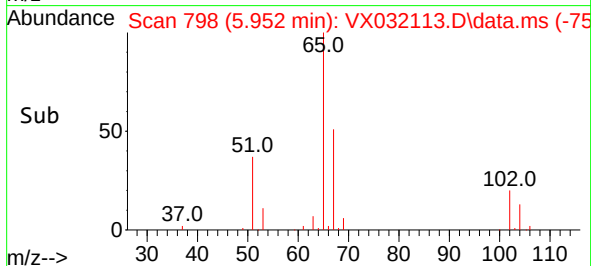
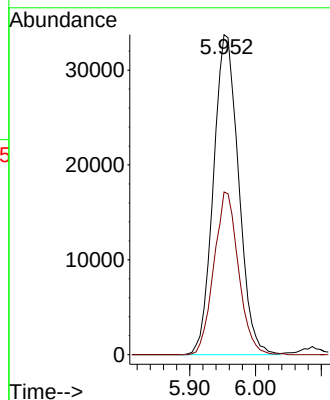
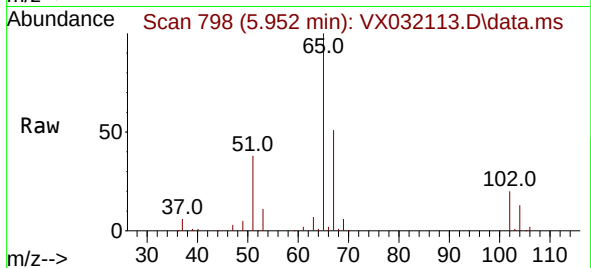
67 49.5 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032113.D

Acq: 13 Oct 2022 16:13

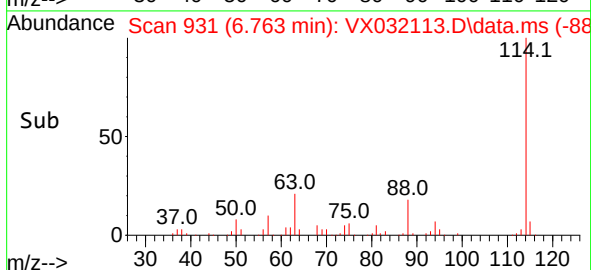
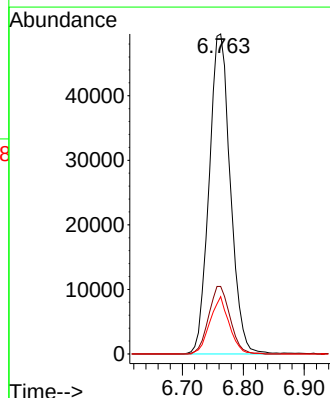
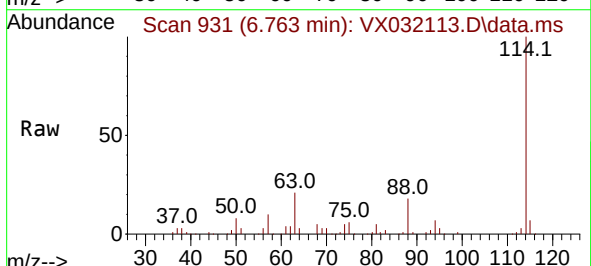
Tgt Ion:114 Resp: 119974

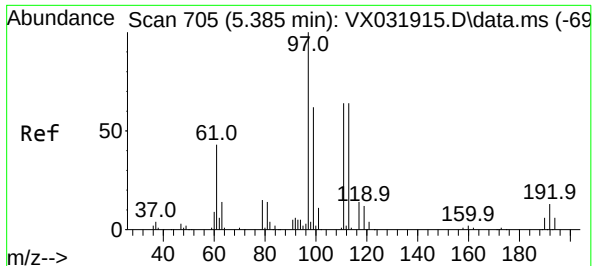
Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.6

88 17.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.802 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032113.D

Acq: 13 Oct 2022 16:13

Instrument :

MSVOA_X

ClientSampleId :

VX1013MBSD01

Tgt Ion:113 Resp: 6763

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

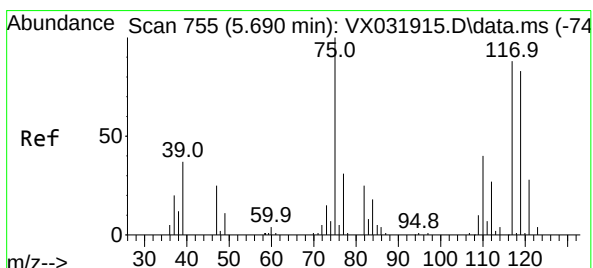
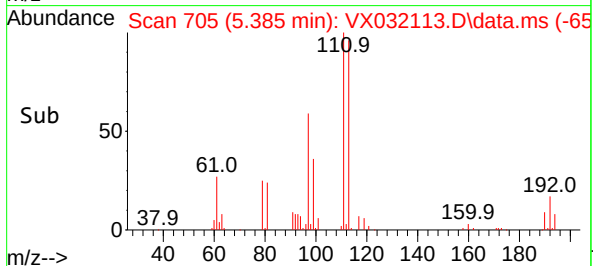
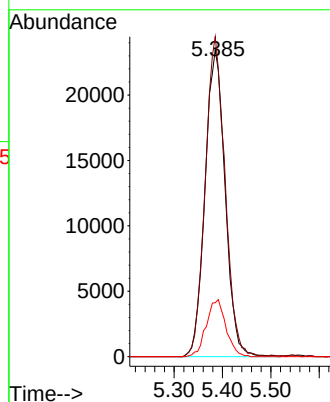
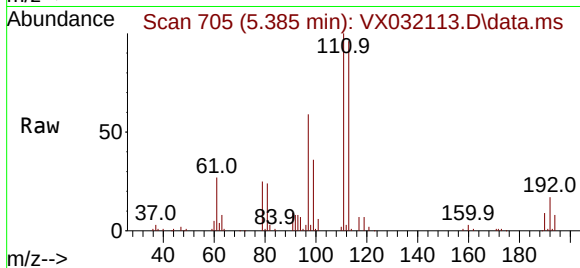
192 18.2 14.1 21.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#36

1,1-Dichloropropene

Concen: 19.504 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.000 min

Lab File: VX032113.D

Acq: 13 Oct 2022 16:13

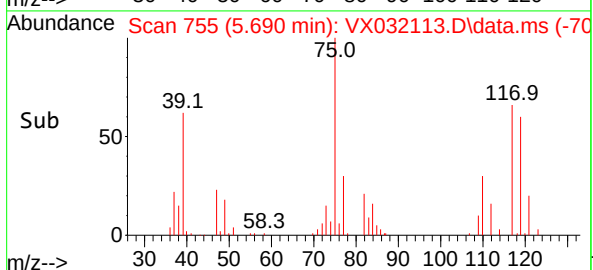
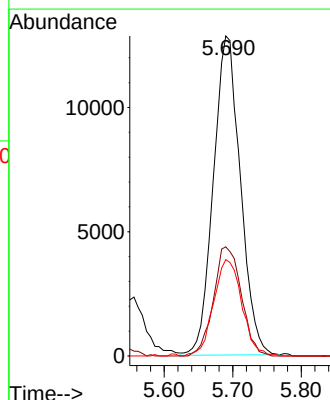
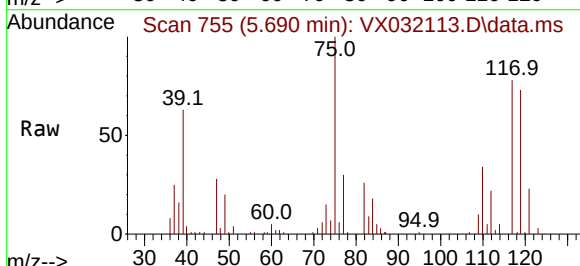
Tgt Ion: 75 Resp: 35123

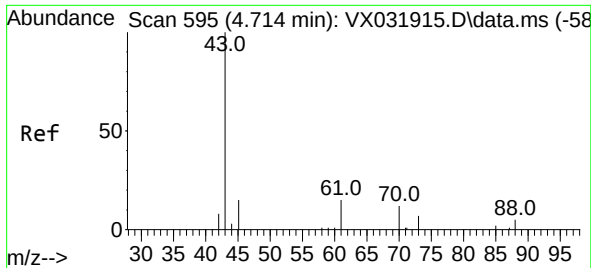
Ion Ratio Lower Upper

75 100

110 35.2 17.5 52.5

77 31.5 24.9 37.3





#37

Ethyl Acetate

Concen: 20.865 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.007 min

Lab File: VX032113.D

Acq: 13 Oct 2022 16:13

Instrument :

MSVOA_X

ClientSampleId :

VX1013MBSD01

Tgt Ion: 43 Resp: 3537

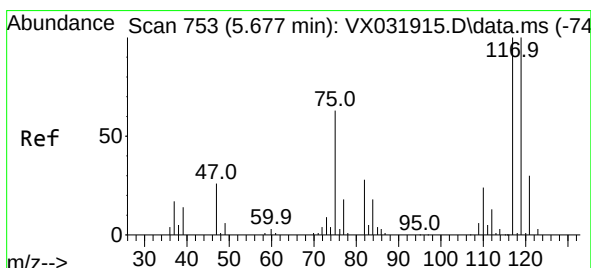
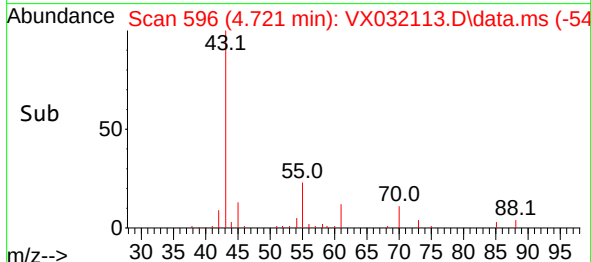
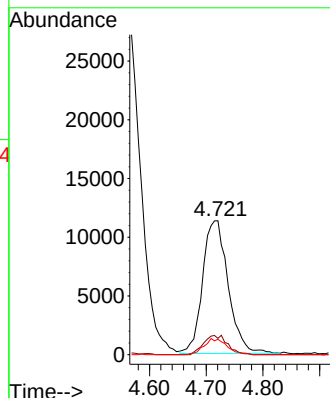
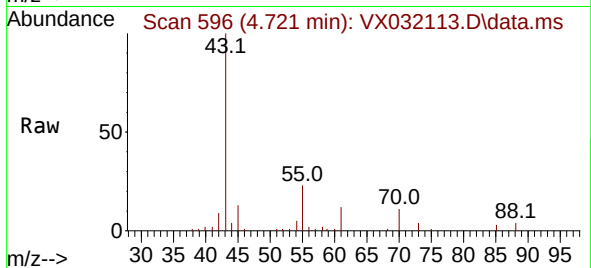
Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.1	16.7
70	10.8	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#38

Carbon Tetrachloride

Concen: 20.586 ug/l

RT: 5.678 min Scan# 753

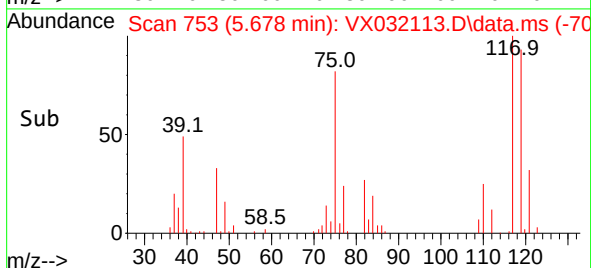
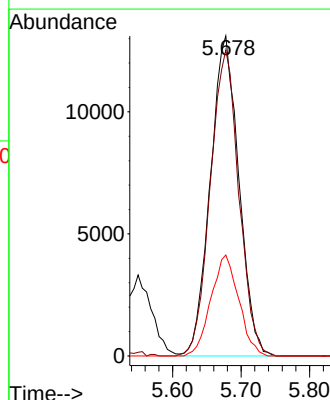
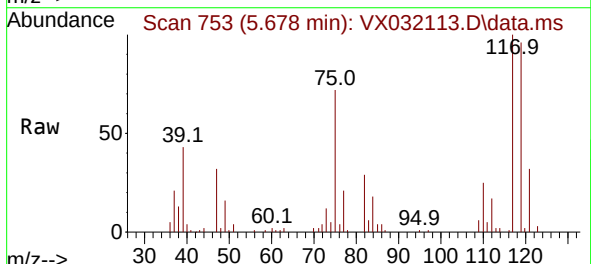
Delta R.T. 0.001 min

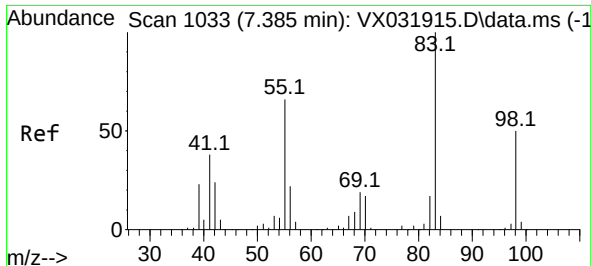
Lab File: VX032113.D

Acq: 13 Oct 2022 16:13

Tgt Ion:117 Resp: 37906

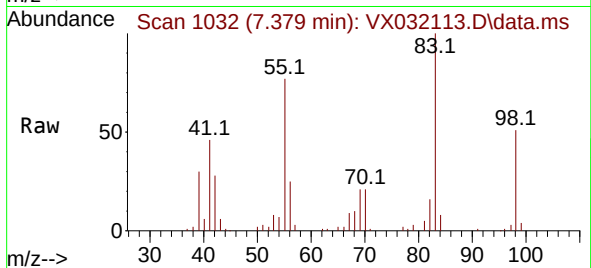
Ion	Ratio	Lower	Upper
117	100		
119	95.6	74.6	112.0
121	31.6	25.3	37.9





#39
Methylcyclohexane
Concen: 19.104 ug/l
RT: 7.379 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

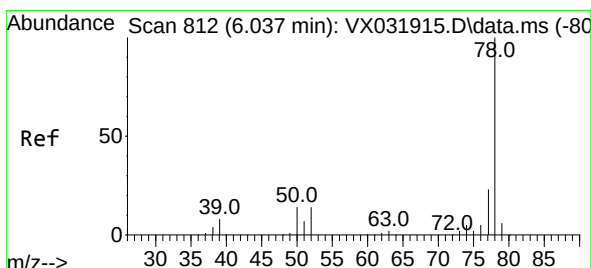
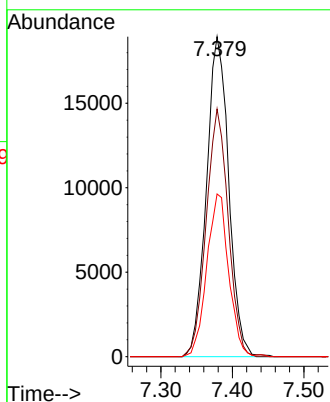
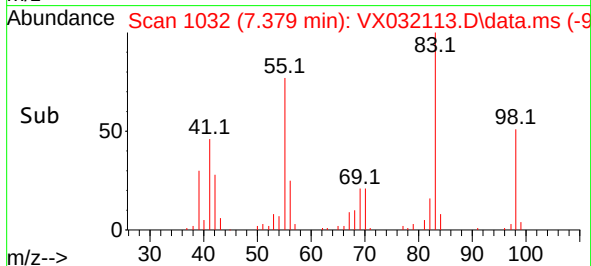
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBSD01



Tgt Ion: 83 Resp: 4103
Ion Ratio Lower Upper
83 100
55 77.4 61.0 91.4
98 50.8 37.7 56.5

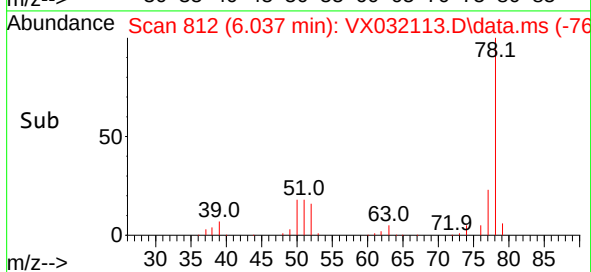
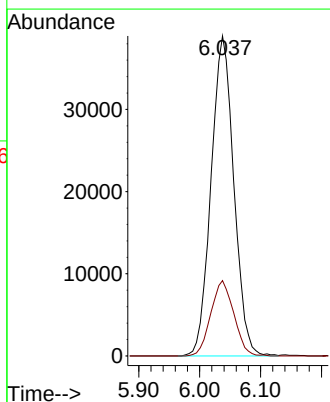
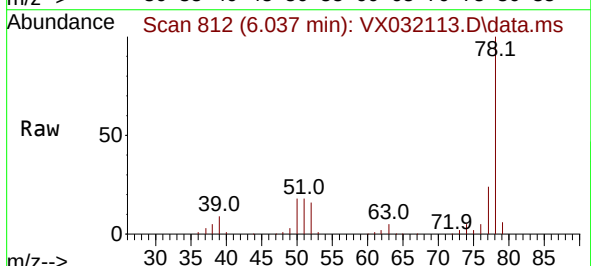
Manual Integrations
APPROVED

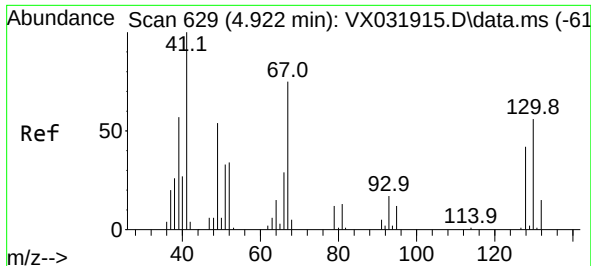
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#40
Benzene
Concen: 19.164 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

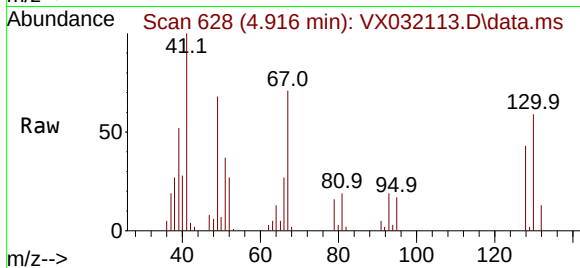
Tgt Ion: 78 Resp: 101057
Ion Ratio Lower Upper
78 100
77 23.5 18.7 28.1





#41
Methacrylonitrile
Concen: 21.242 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

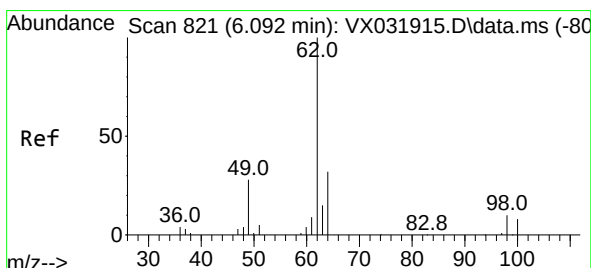
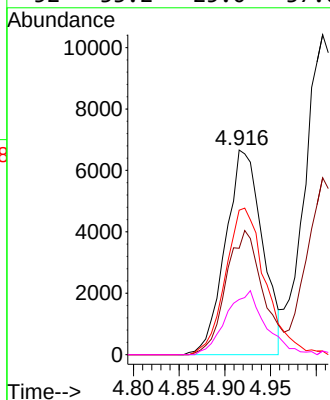
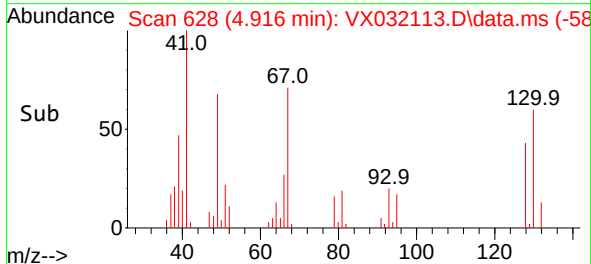
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBSD01



Tgt Ion: 41 Resp: 1872
Ion Ratio Lower Upper
41 100
39 60.8 45.0 67.6
67 77.7 58.2 87.4
52 33.2 25.0 37.6

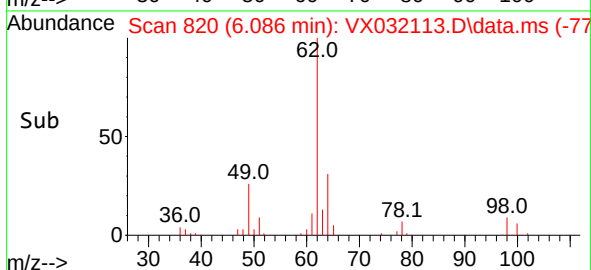
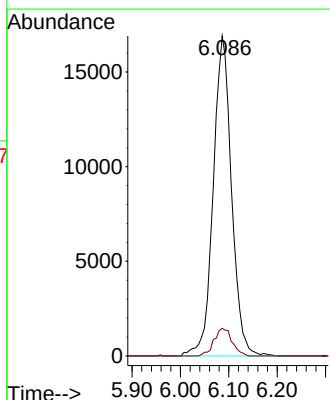
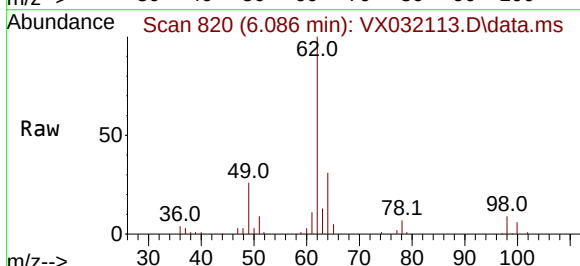
Manual Integrations
APPROVED

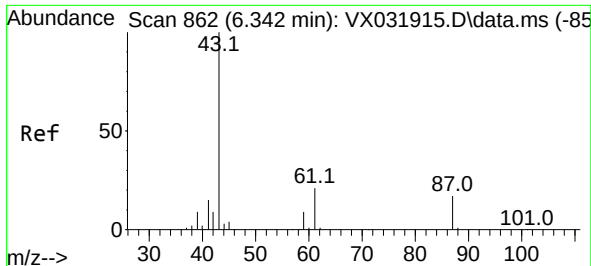
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#42
1,2-Dichloroethane
Concen: 23.155 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

Tgt Ion: 62 Resp: 44495
Ion Ratio Lower Upper
62 100
98 8.5 0.0 17.8





#43

Isopropyl Acetate

Concen: 21.777 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX032113.D

Acq: 13 Oct 2022 16:13

Instrument :

MSVOA_X

ClientSampleId :

VX1013MBSD01

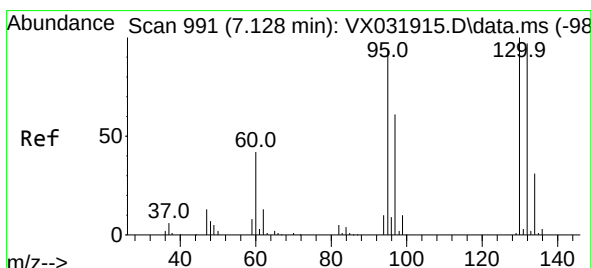
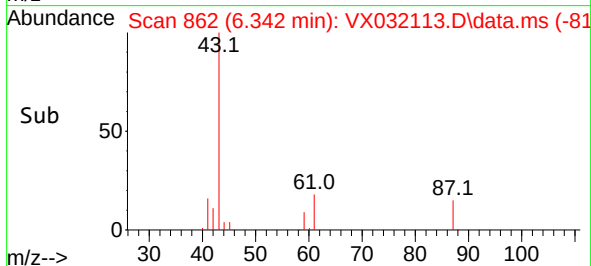
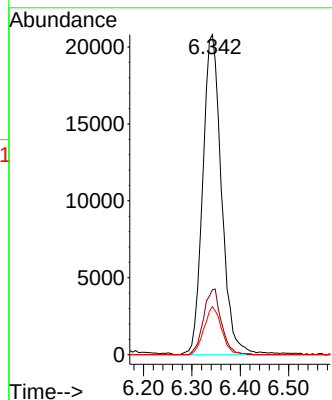
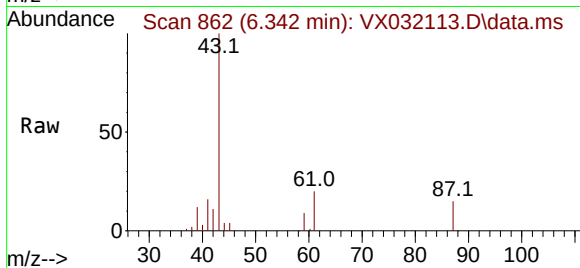
Tgt Ion: 43	Resp: 56018
Ion Ratio	Lower Upper
43 100	
61 19.3	15.3 22.9
87 14.1	10.6 15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#44

Trichloroethene

Concen: 18.351 ug/l

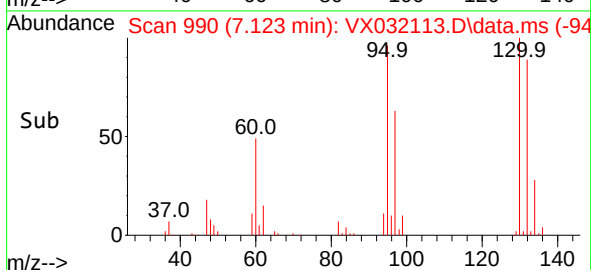
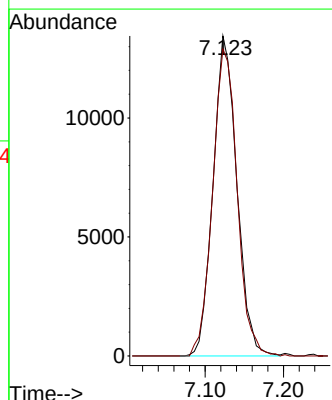
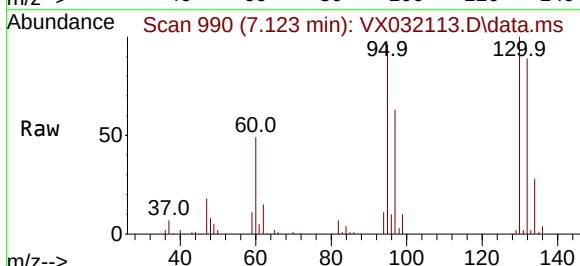
RT: 7.123 min Scan# 990

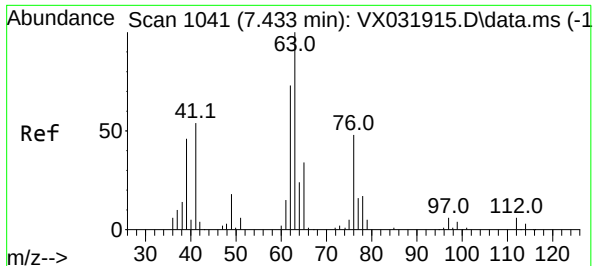
Delta R.T. -0.005 min

Lab File: VX032113.D

Acq: 13 Oct 2022 16:13

Tgt Ion:130	Resp: 28374
Ion Ratio	Lower Upper
130 100	
95 95.9	0.0 206.8





#45

1,2-Dichloropropane

Concen: 20.458 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX032113.D

Acq: 13 Oct 2022 16:13

Instrument :

MSVOA_X

ClientSampleId :

VX1013MBSD01

Tgt Ion: 63 Resp: 2651

Ion Ratio Lower Upper

63 100

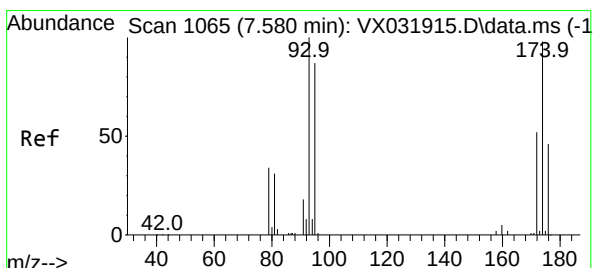
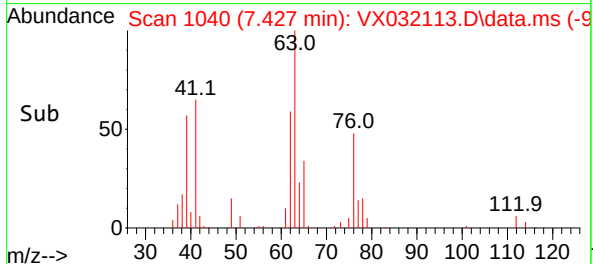
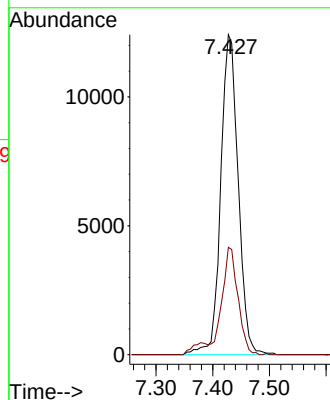
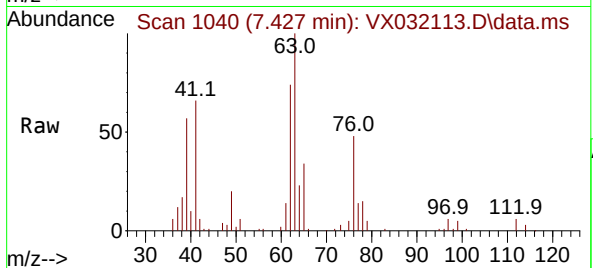
65 33.6 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#46

Dibromomethane

Concen: 19.877 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX032113.D

Acq: 13 Oct 2022 16:13

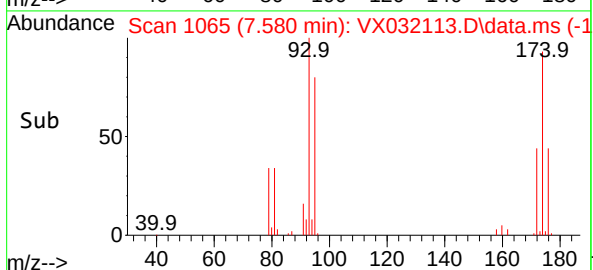
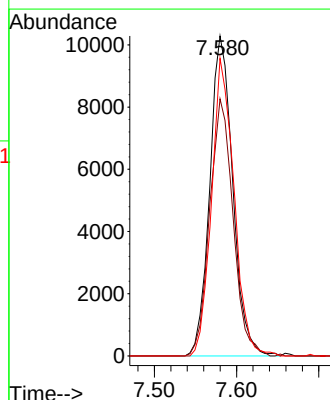
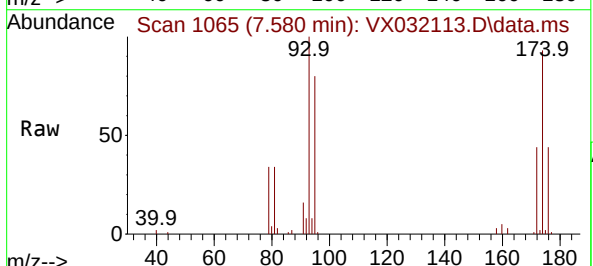
Tgt Ion: 93 Resp: 19963

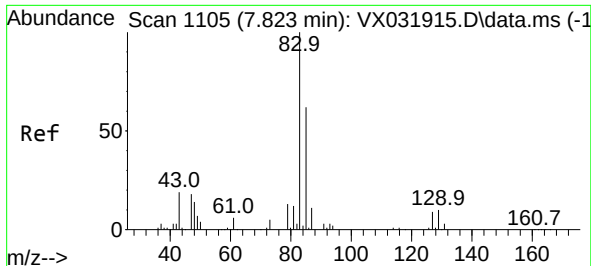
Ion Ratio Lower Upper

93 100

95 81.7 65.5 98.3

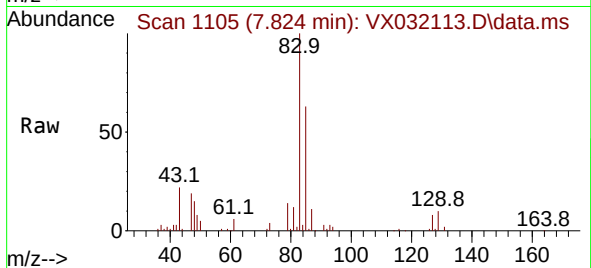
174 90.8 67.6 101.4





#47
Bromodichloromethane
Concen: 21.442 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

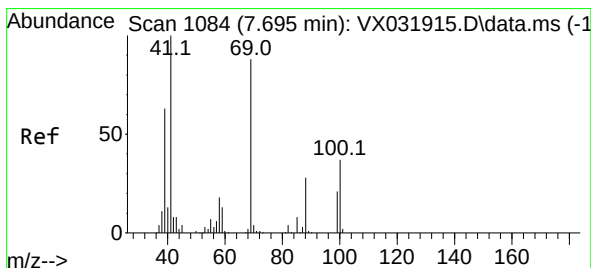
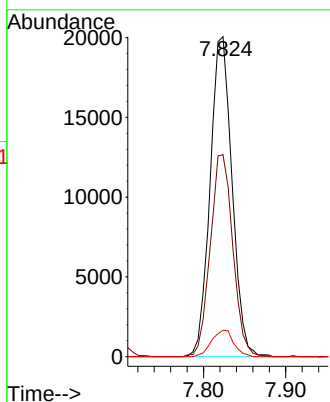
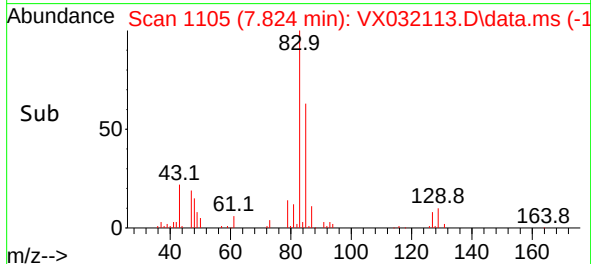
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBSD01



Tgt Ion: 83 Resp: 3720
Ion Ratio Lower Upper
83 100
85 63.1 51.0 76.6
127 8.3 7.0 10.6

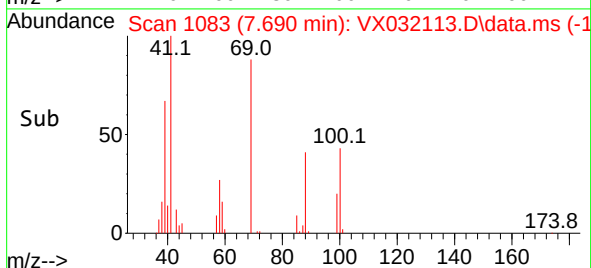
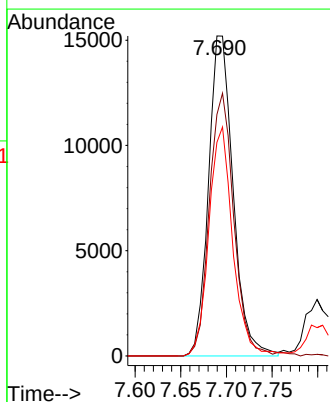
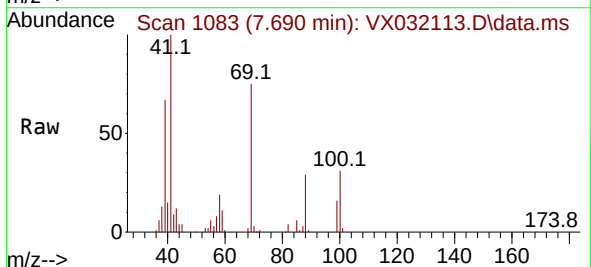
Manual Integrations
APPROVED

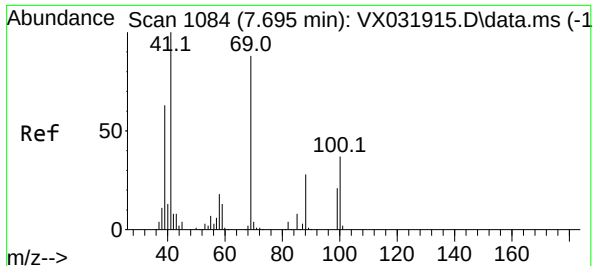
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#48
Methyl methacrylate
Concen: 23.207 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.005 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

Tgt Ion: 41 Resp: 28525
Ion Ratio Lower Upper
41 100
69 81.5 64.6 96.8
39 69.5 51.4 77.0





#49

1,4-Dioxane

Concen: 359.299 ug/l

RT: 7.690 min Scan# 1084

Delta R.T. -0.005 min

Lab File: VX032113.D

Acq: 13 Oct 2022 16:13

Instrument :

MSVOA_X

ClientSampleId :

VX1013MBS01

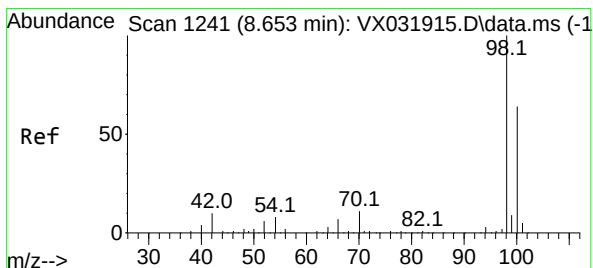
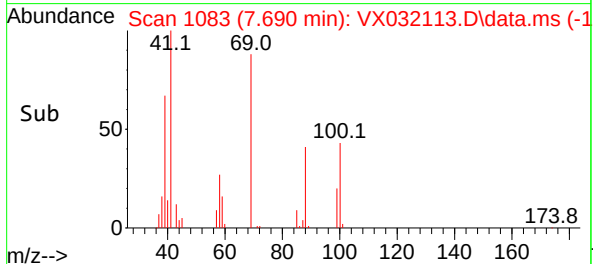
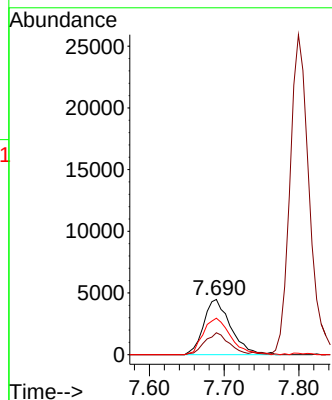
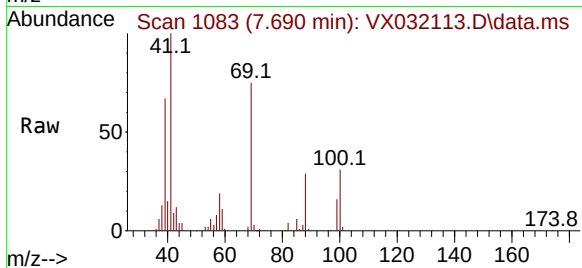
Tgt Ion:	88	Resp:	1122
Ion Ratio	Lower	Upper	
88	100		
43	36.9	27.1	40.7
58	67.3	53.9	80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#50

Toluene-d8

Concen: 49.773 ug/l

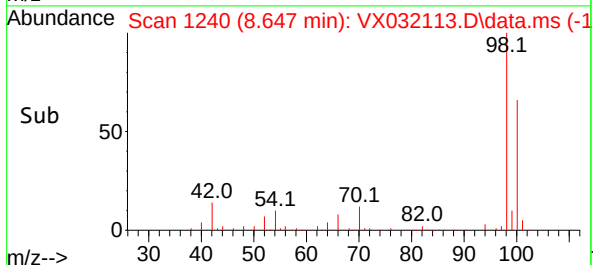
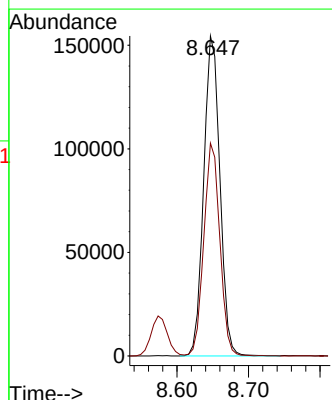
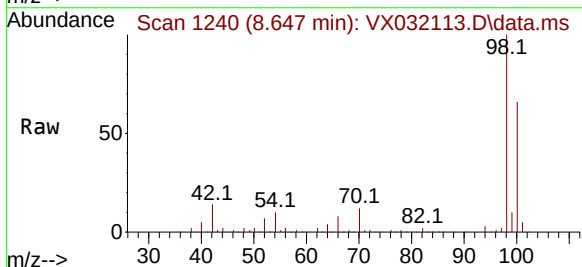
RT: 8.647 min Scan# 1240

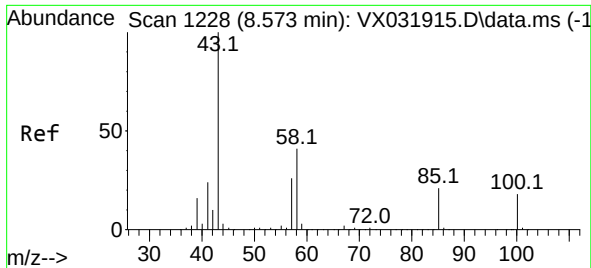
Delta R.T. -0.006 min

Lab File: VX032113.D

Acq: 13 Oct 2022 16:13

Tgt Ion:	98	Resp:	243225
Ion Ratio	Lower	Upper	
98	100		
100	65.9	52.5	78.7





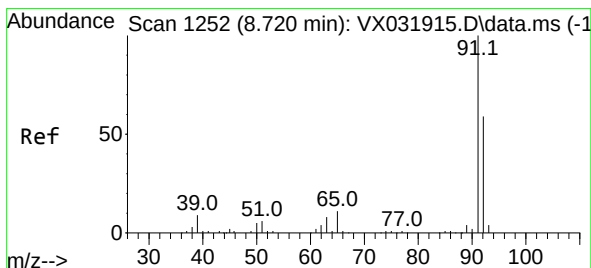
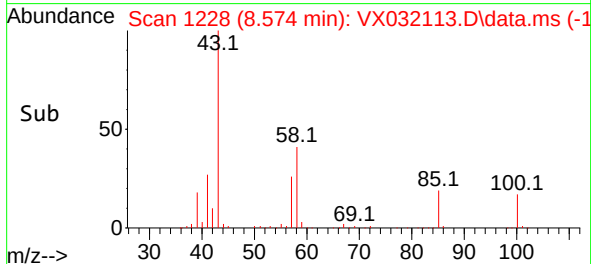
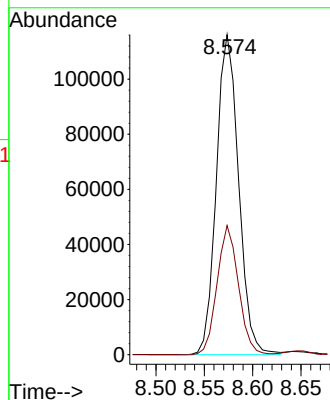
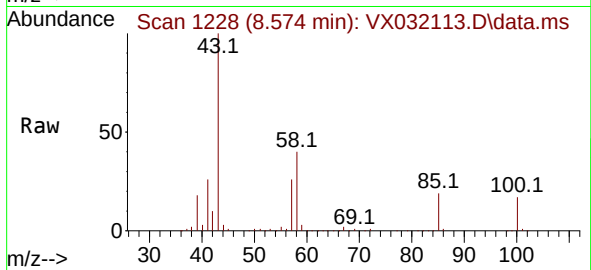
#51
4-Methyl-2-Pentanone
Concen: 108.971 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

Instrument :
MSVOA_X
ClientSampleId :
VX1013MBS01

Tgt Ion: 43 Resp: 185750
Ion Ratio Lower Upper
43 100
58 38.7 30.6 46.0

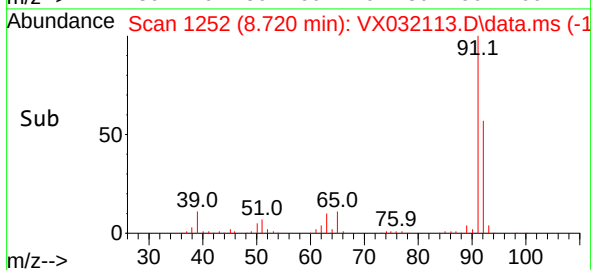
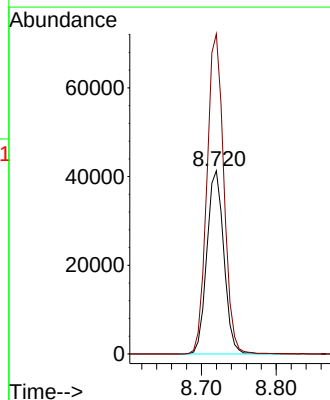
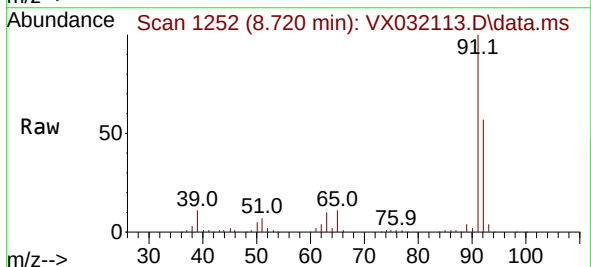
Manual Integrations
APPROVED

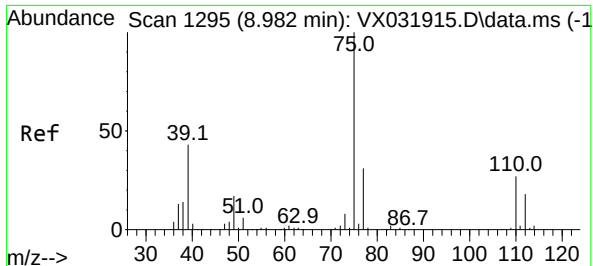
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#52
Toluene
Concen: 18.879 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

Tgt Ion: 92 Resp: 65091
Ion Ratio Lower Upper
92 100
91 174.1 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 19.829 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX032113.D

Acq: 13 Oct 2022 16:13

Instrument :

MSVOA_X

ClientSampleId :

VX1013MBSD01

Tgt Ion: 75 Resp: 35640

Ion Ratio Lower Upper

75 100

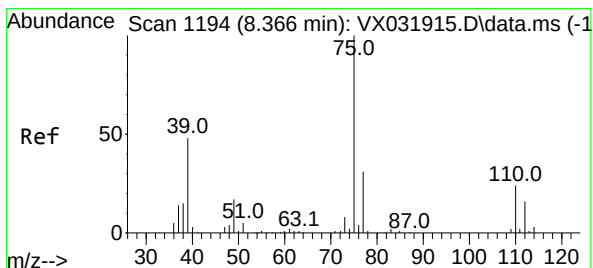
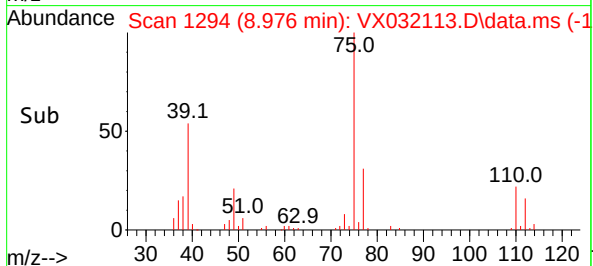
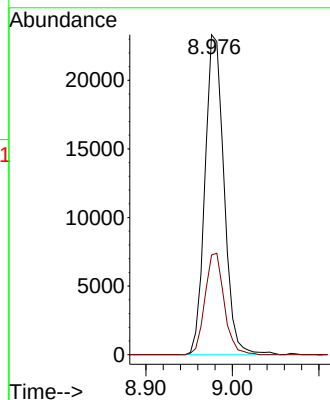
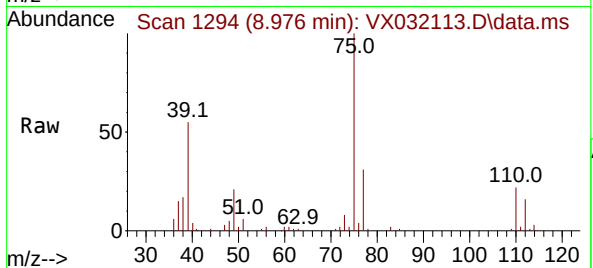
77 31.1 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#54

cis-1,3-Dichloropropene

Concen: 20.922 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032113.D

Acq: 13 Oct 2022 16:13

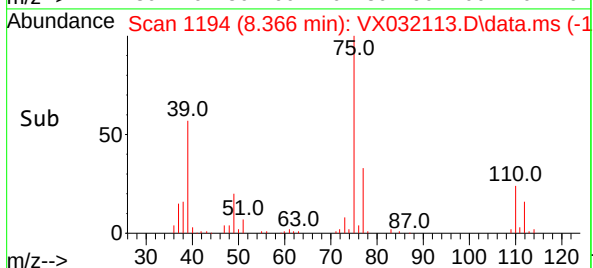
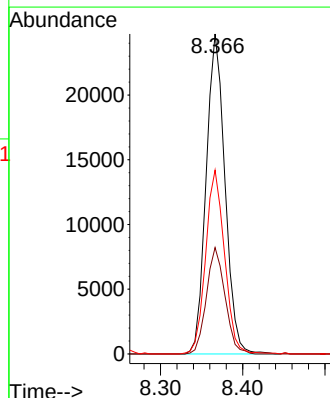
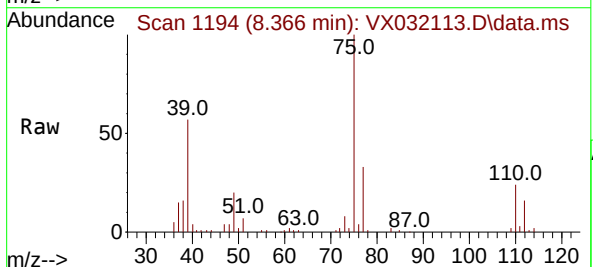
Tgt Ion: 75 Resp: 39311

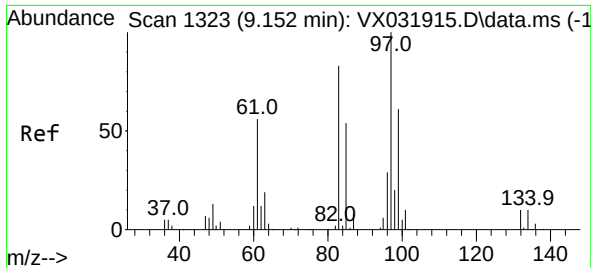
Ion Ratio Lower Upper

75 100

77 33.3 24.4 36.6

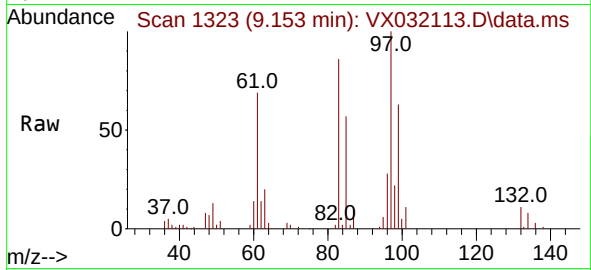
39 57.5 43.7 65.5





#55
1,1,2-Trichloroethane
Concen: 19.189 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

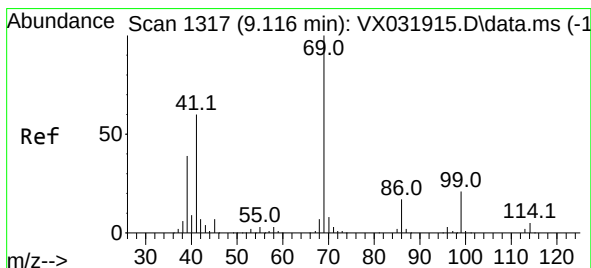
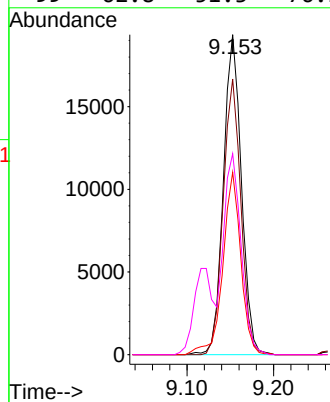
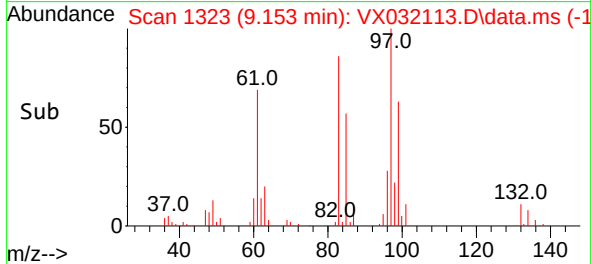
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBSD01



Tgt Ion: 97 Resp: 2792
Ion Ratio Lower Upper
97 100
83 86.2 69.0 103.6
85 57.0 44.1 66.1
99 62.8 51.3 76.9

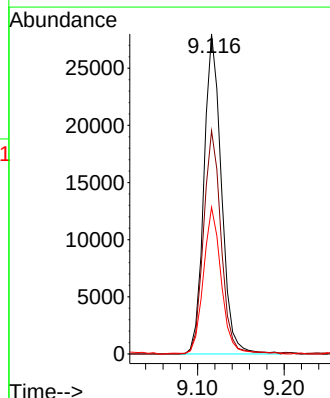
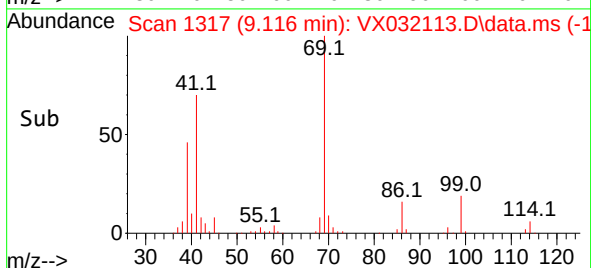
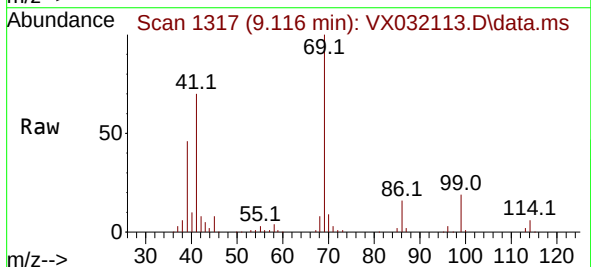
Manual Integrations
APPROVED

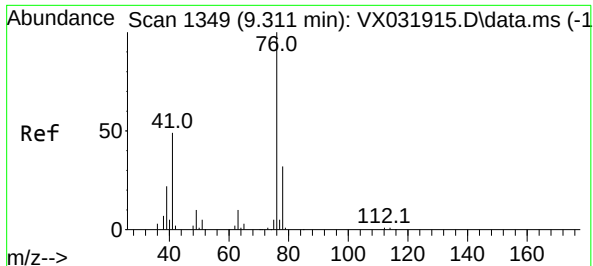
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#56
Ethyl methacrylate
Concen: 21.040 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

Tgt Ion: 69 Resp: 39246
Ion Ratio Lower Upper
69 100
41 70.0 54.2 81.4
39 47.0 34.2 51.2





#57

1,3-Dichloropropane

Concen: 20.244 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX032113.D

Acq: 13 Oct 2022 16:13

Instrument :

MSVOA_X

ClientSampleId :

VX1013MBS01

Tgt Ion: 76 Resp: 47340

Ion Ratio Lower Upper

76 100

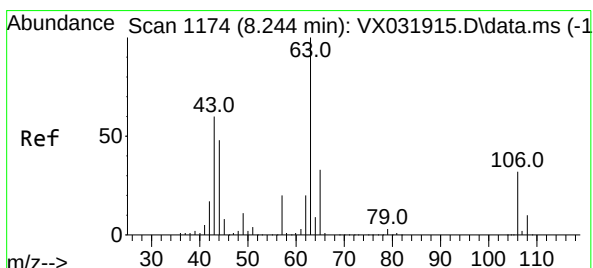
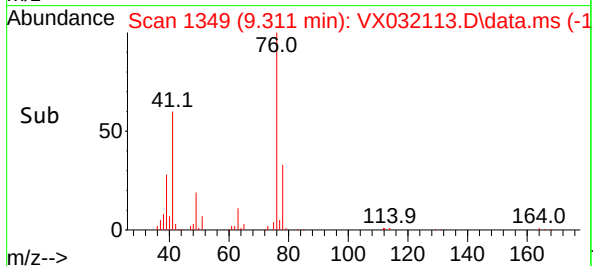
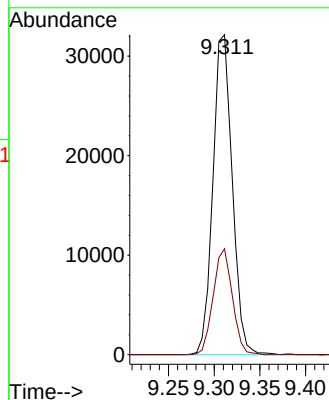
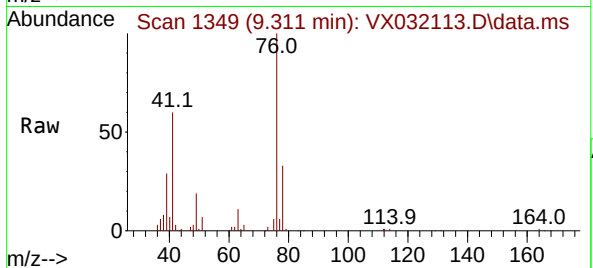
78 32.8 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#58

2-Chloroethyl Vinyl ether

Concen: 107.799 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX032113.D

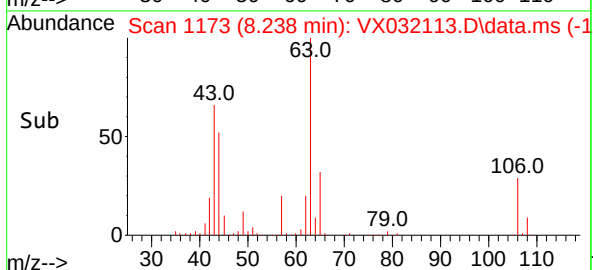
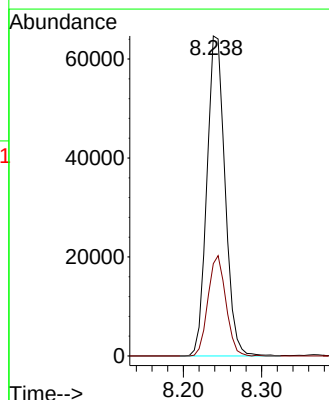
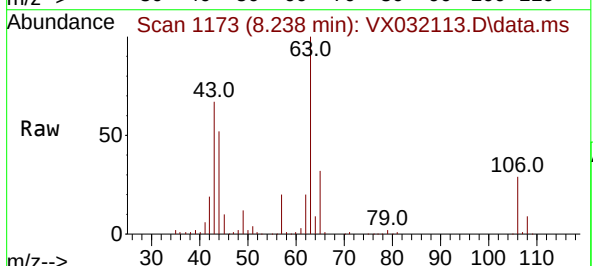
Acq: 13 Oct 2022 16:13

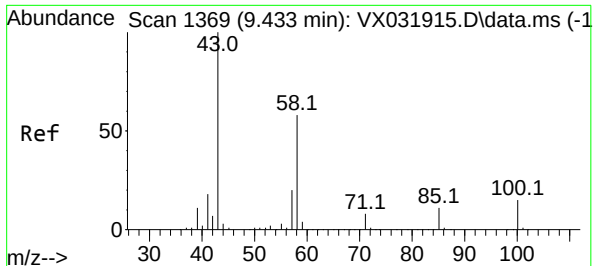
Tgt Ion: 63 Resp: 103797

Ion Ratio Lower Upper

63 100

106 30.8 22.6 34.0





#59

2-Hexanone

Concen: 107.294 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX032113.D

Acq: 13 Oct 2022 16:13

Instrument :

MSVOA_X

ClientSampleId :

VX1013MBSD01

Tgt Ion: 43 Resp: 13485

Ion Ratio Lower Upper

43 100

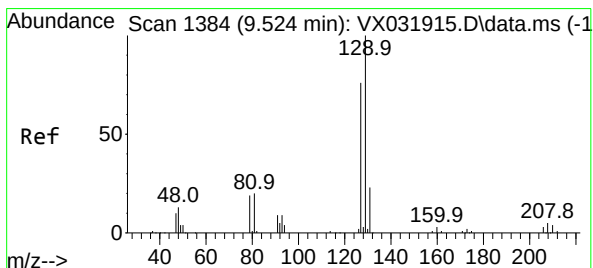
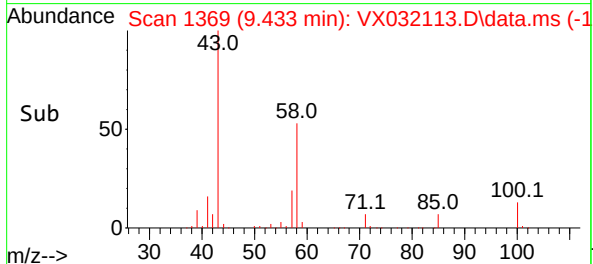
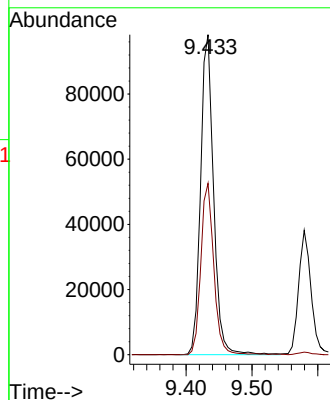
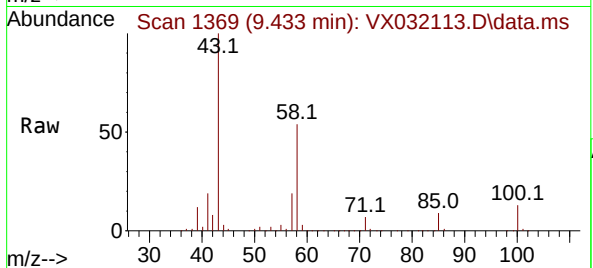
58 53.4 26.7 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#60

Dibromochloromethane

Concen: 20.206 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.001 min

Lab File: VX032113.D

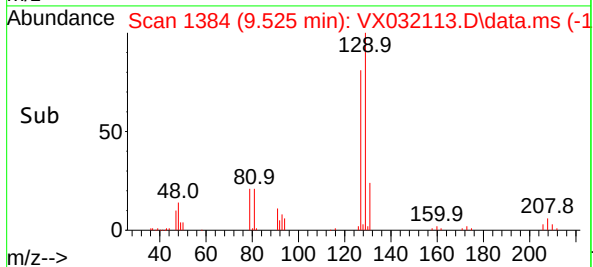
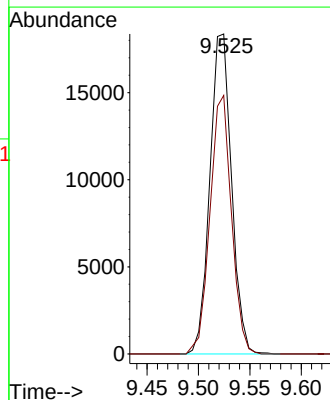
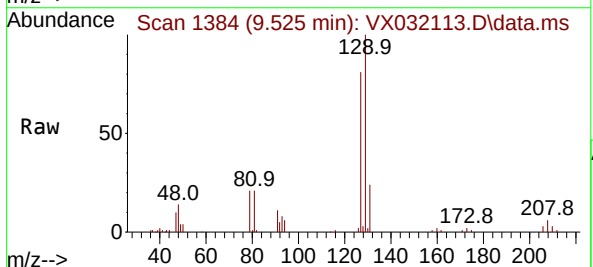
Acq: 13 Oct 2022 16:13

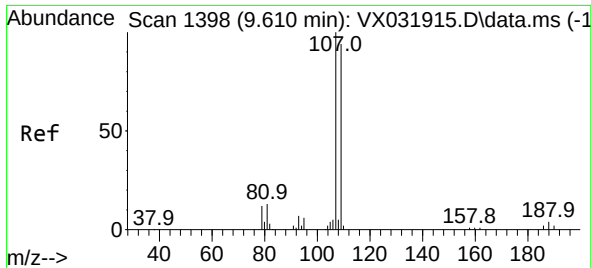
Tgt Ion:129 Resp: 26909

Ion Ratio Lower Upper

129 100

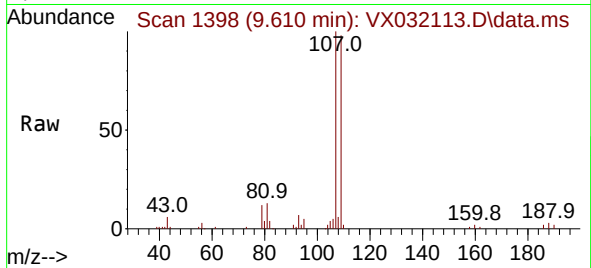
127 79.9 38.7 116.1





#61
1,2-Dibromoethane
Concen: 19.597 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

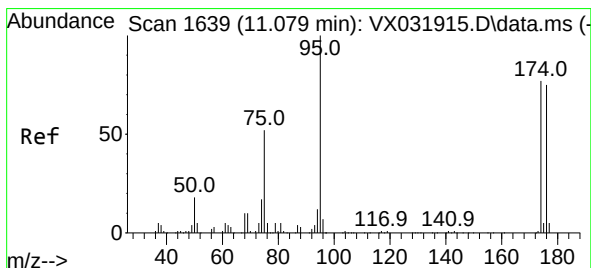
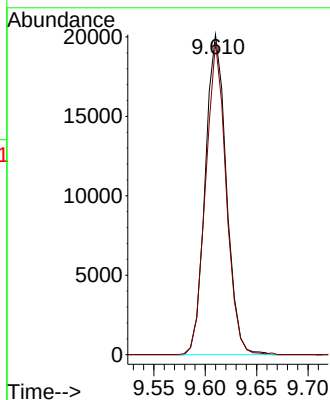
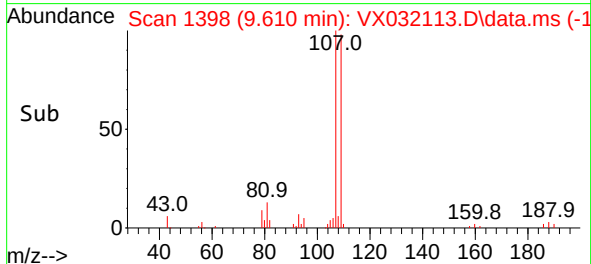
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBSD01



Tgt Ion:107 Resp: 28679
Ion Ratio Lower Upper
107 100
109 94.9 74.2 111.4

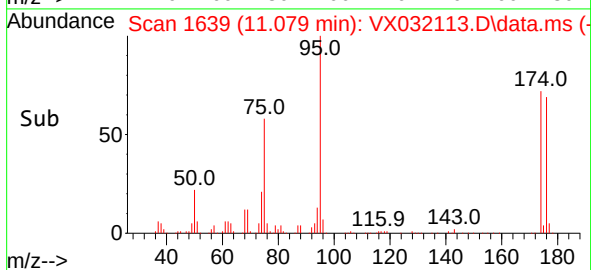
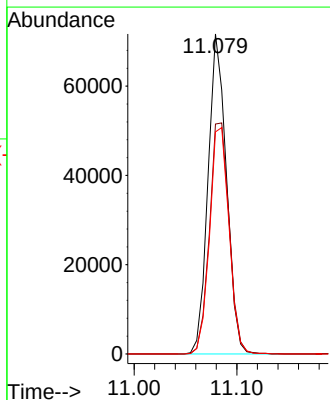
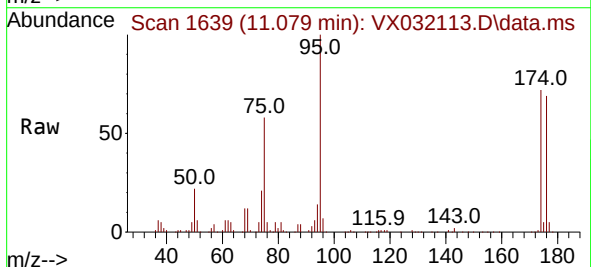
Manual Integrations
APPROVED

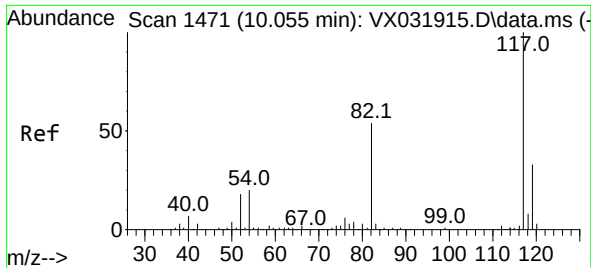
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#62
4-Bromofluorobenzene
Concen: 51.504 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

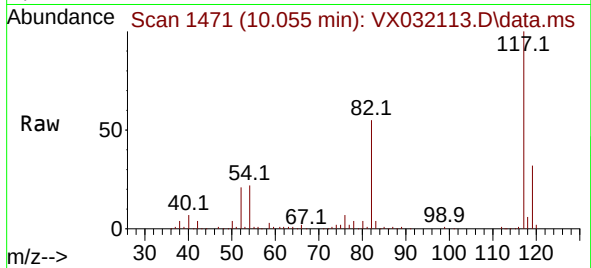
Tgt Ion: 95 Resp: 88977
Ion Ratio Lower Upper
95 100
174 77.8 0.0 153.2
176 74.7 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

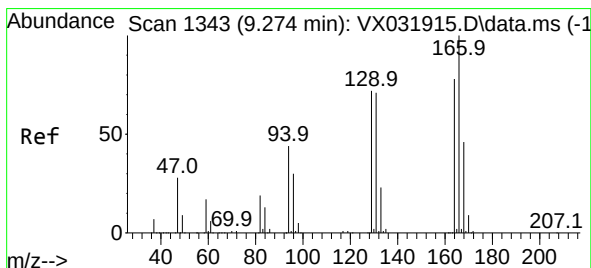
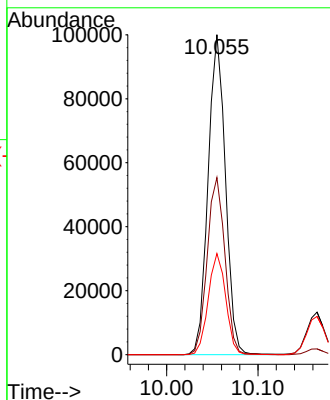
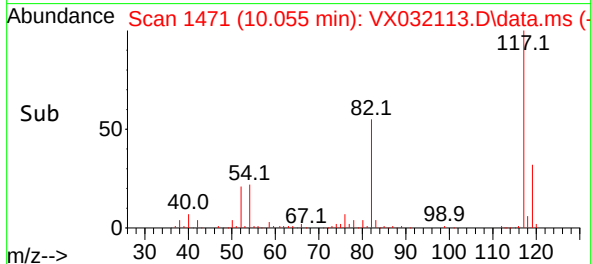
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBSD01



Tgt Ion:117 Resp: 131304
Ion Ratio Lower Upper
117 100
82 55.3 46.8 70.2
119 31.6 26.4 39.6

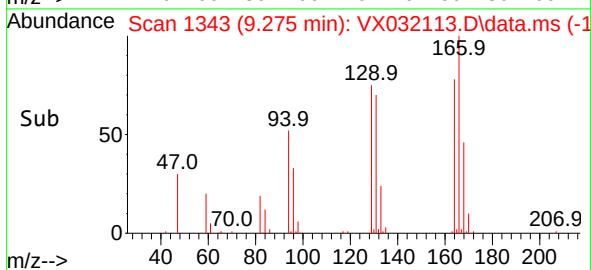
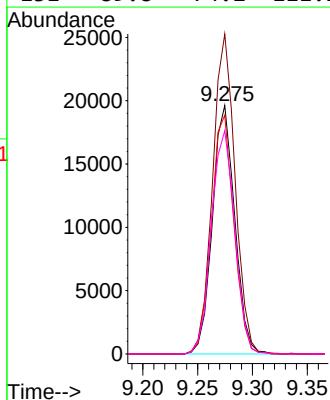
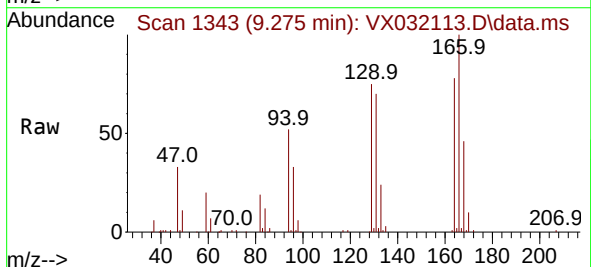
Manual Integrations
APPROVED

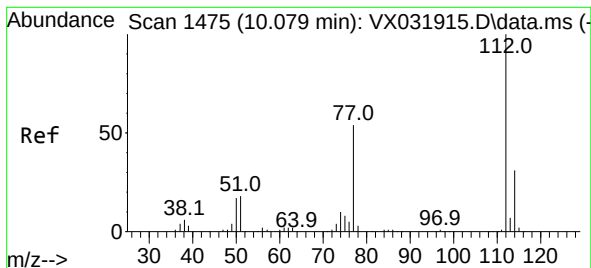
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#64
Tetrachloroethene
Concen: 18.732 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

Tgt Ion:164 Resp: 27768
Ion Ratio Lower Upper
164 100
166 128.8 99.0 148.4
129 96.0 78.0 117.0
131 89.8 74.2 111.2





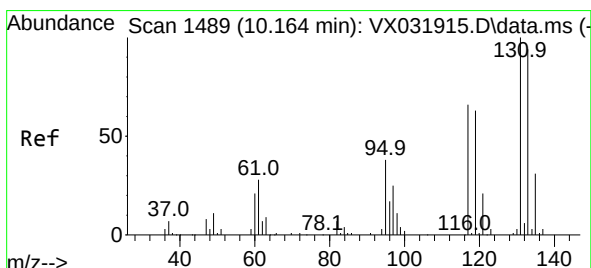
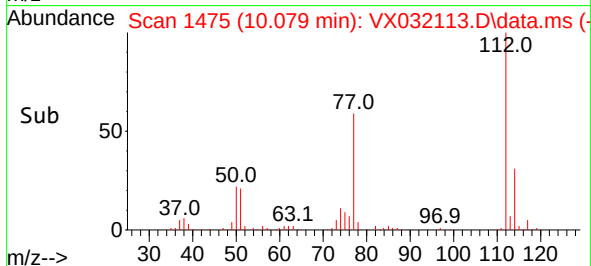
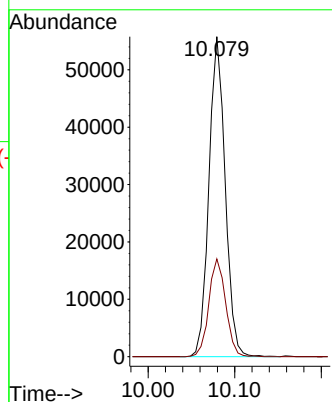
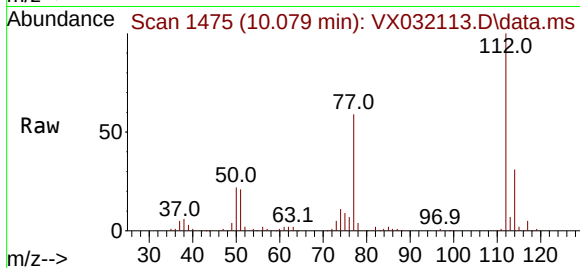
#65
Chlorobenzene
Concen: 18.257 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

Instrument :
MSVOA_X
ClientSampleId :
VX1013MBSD01

Tgt Ion:112 Resp: 72630
Ion Ratio Lower Upper
112 100
114 30.6 25.7 38.5

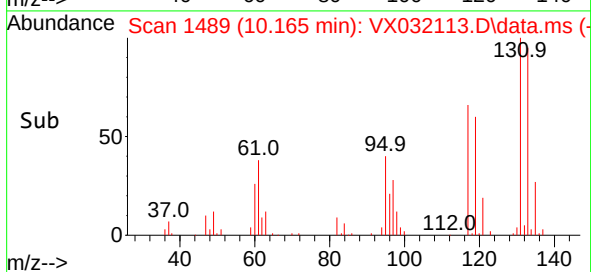
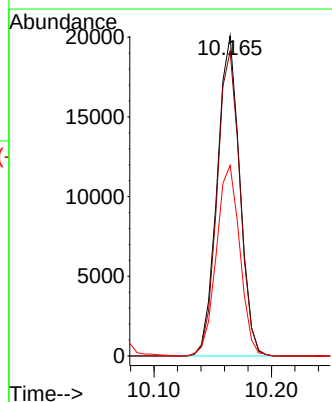
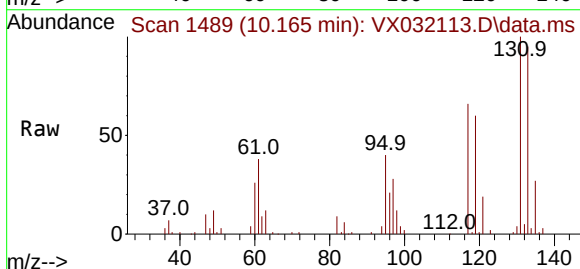
Manual Integrations
APPROVED

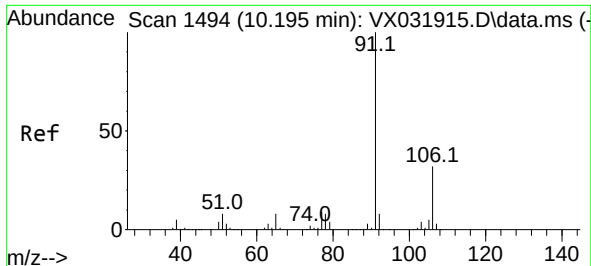
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.538 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

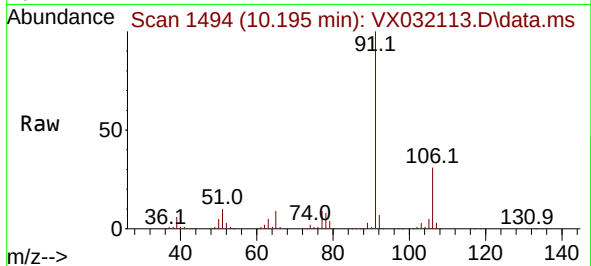
Tgt Ion:131 Resp: 26897
Ion Ratio Lower Upper
131 100
133 95.8 46.6 139.7
119 61.8 31.9 95.9





#67
Ethyl Benzene
Concen: 19.656 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

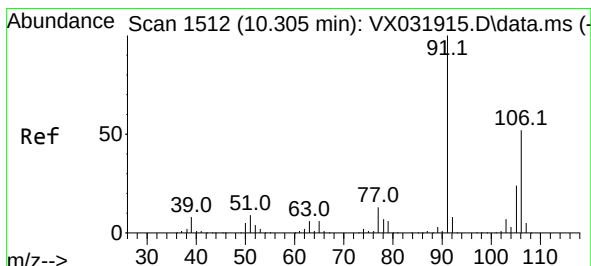
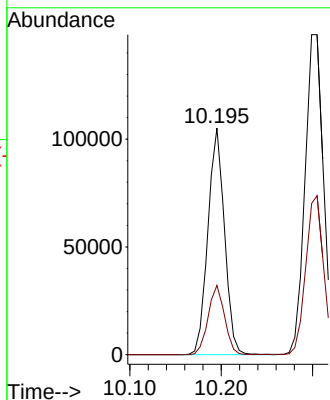
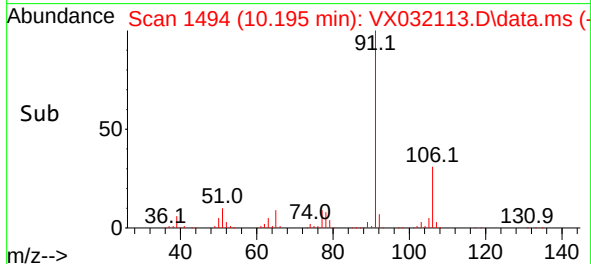
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBSD01



Tgt Ion: 91 Resp: 132293
Ion Ratio Lower Upper
91 100
106 30.6 25.2 37.8

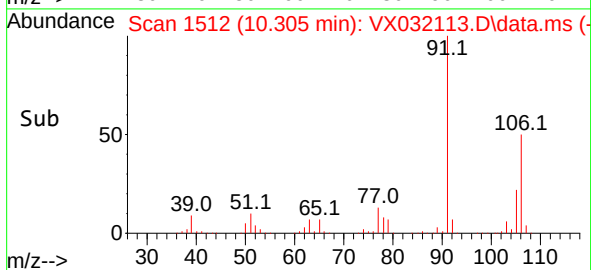
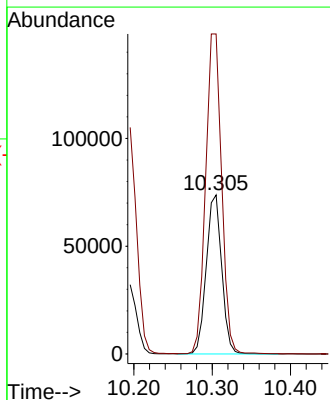
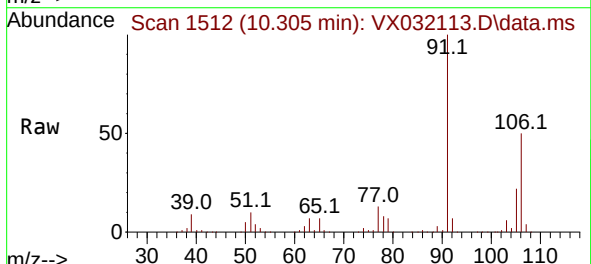
Manual Integrations
APPROVED

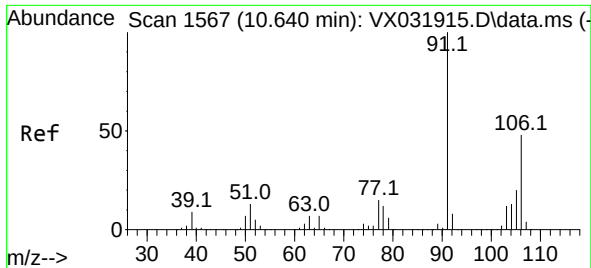
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#68
m/p-Xylenes
Concen: 37.640 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

Tgt Ion:106 Resp: 100674
Ion Ratio Lower Upper
106 100
91 208.8 161.0 241.4





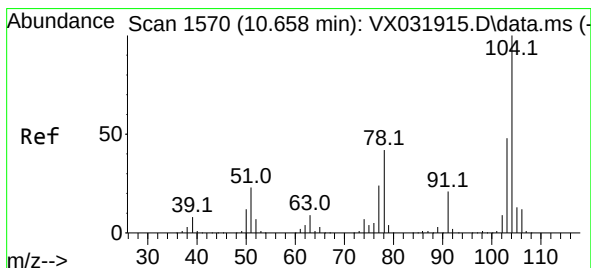
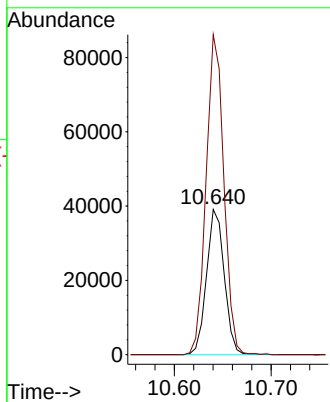
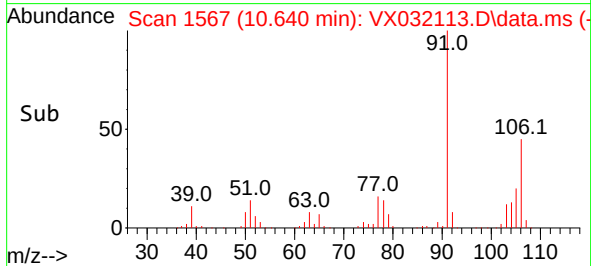
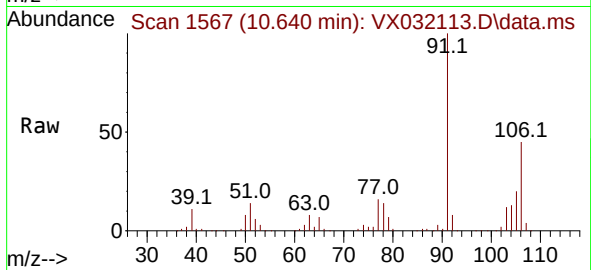
#69
o-Xylene
Concen: 19.224 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

Instrument :
MSVOA_X
ClientSampleId :
VX1013MBSD01

Tgt Ion:106 Resp: 49970
Ion Ratio Lower Upper
106 100
91 220.4 107.2 321.6

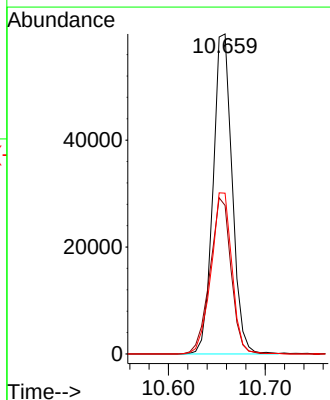
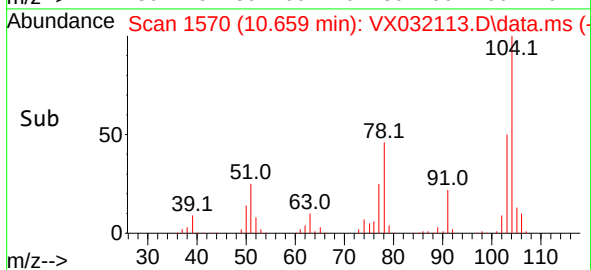
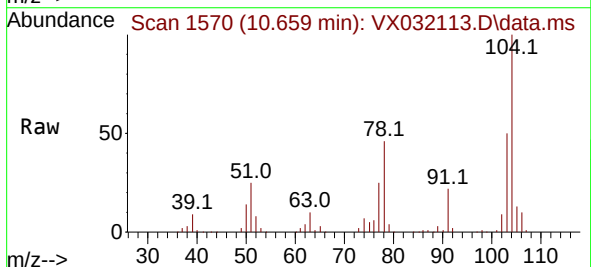
Manual Integrations
APPROVED

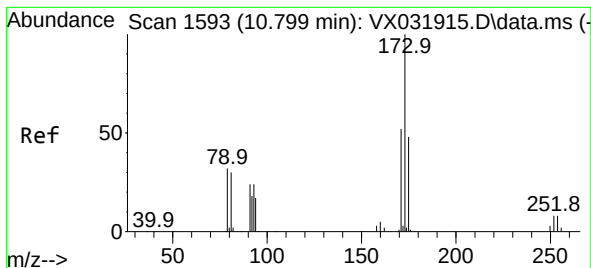
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#70
Styrene
Concen: 19.720 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.001 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

Tgt Ion:104 Resp: 81956
Ion Ratio Lower Upper
104 100
78 53.9 41.4 62.2
103 54.9 43.8 65.8





#71

Bromoform

Concen: 19.333 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX032113.D

Acq: 13 Oct 2022 16:13

Instrument :

MSVOA_X

ClientSampleId :

VX1013MBSD01

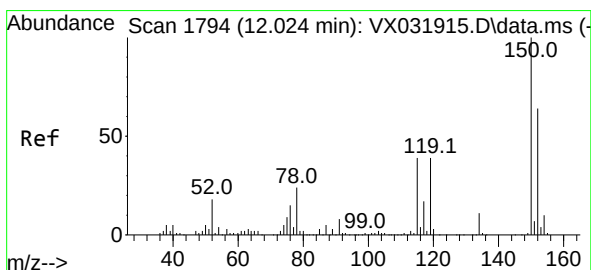
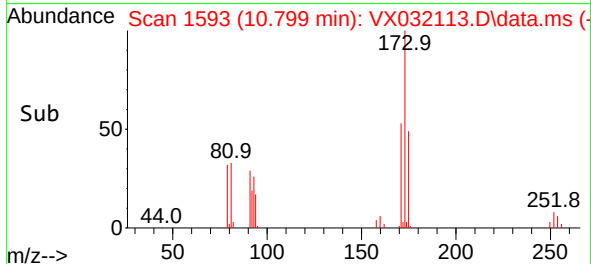
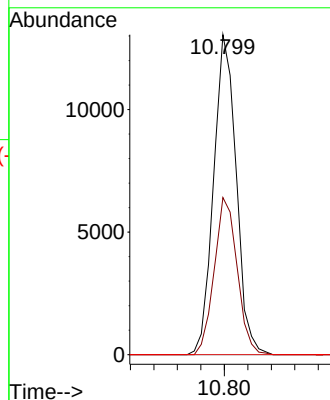
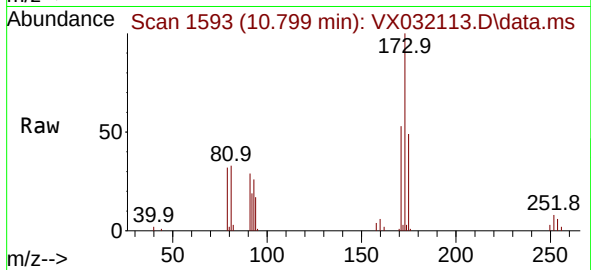
Tgt Ion:	173	Resp:	1742
Ion Ratio	Lower	Upper	
173	100		
175	49.8	24.0	72.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

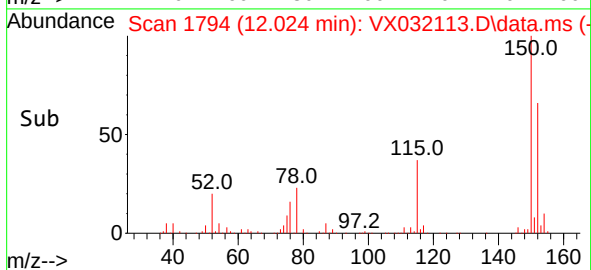
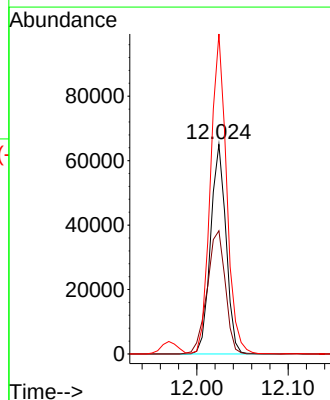
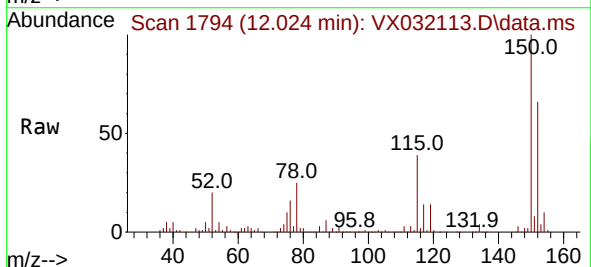
RT: 12.024 min Scan# 1794

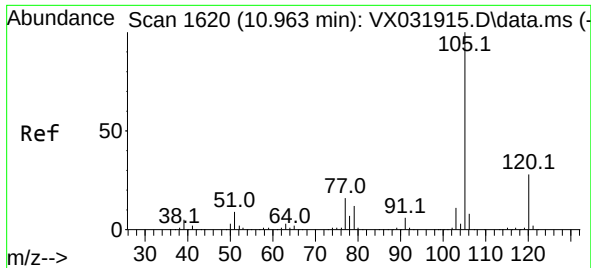
Delta R.T. 0.000 min

Lab File: VX032113.D

Acq: 13 Oct 2022 16:13

Tgt Ion:	152	Resp:	75997
Ion Ratio	Lower	Upper	
152	100		
115	69.1	43.4	130.1
150	159.5	0.0	346.8





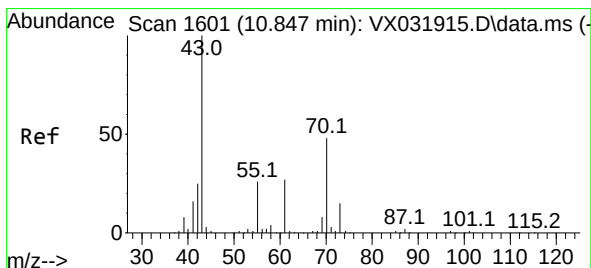
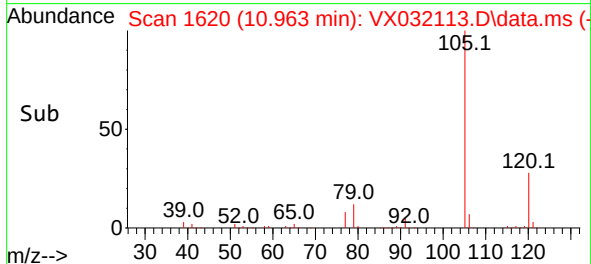
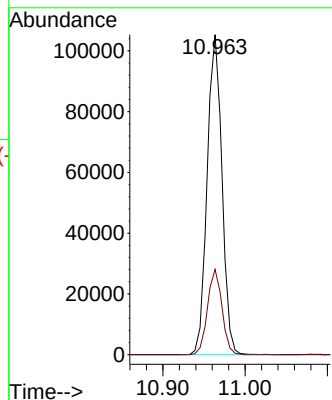
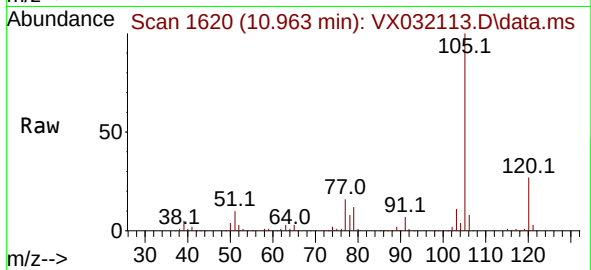
#73
Isopropylbenzene
Concen: 22.976 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

Instrument :
MSVOA_X
ClientSampleId :
VX1013MBSD01

Tgt Ion:105 Resp: 131690
Ion Ratio Lower Upper
105 100
120 26.0 13.7 41.0

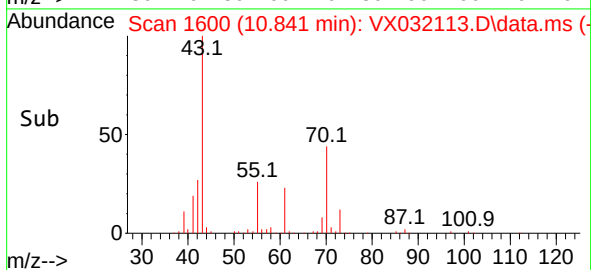
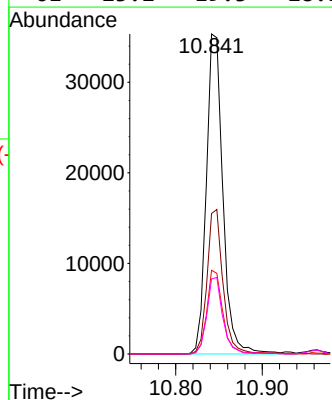
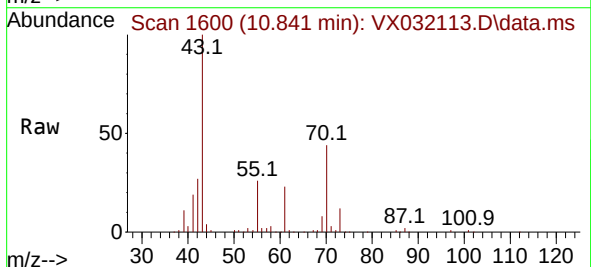
Manual Integrations
APPROVED

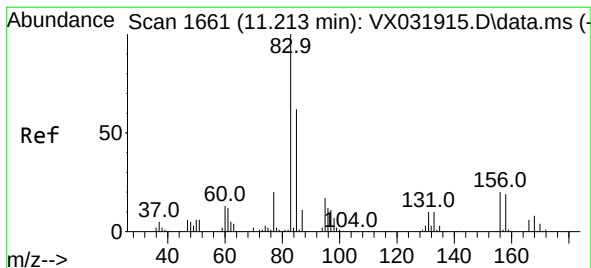
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#74
N-ethyl acetate
Concen: 26.801 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

Tgt Ion: 43 Resp: 46912
Ion Ratio Lower Upper
43 100
70 43.6 33.4 50.2
55 25.1 18.2 27.2
61 23.2 19.3 28.9





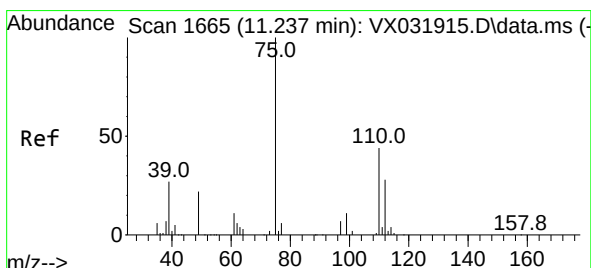
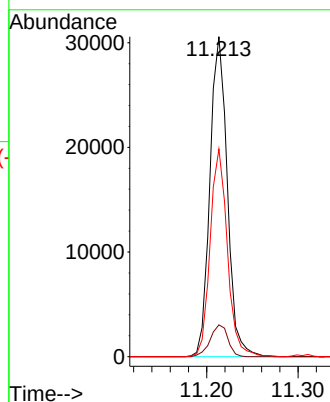
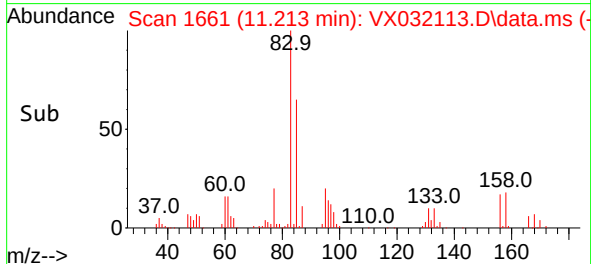
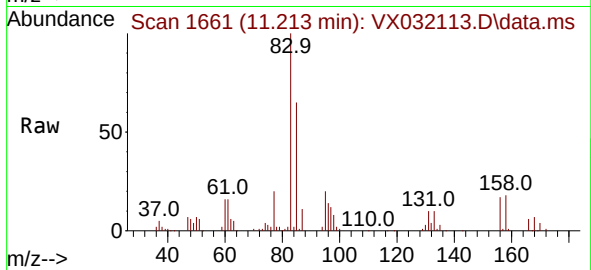
#75
1,1,2,2-Tetrachloroethane
Concen: 22.147 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

Instrument :
MSVOA_X
ClientSampleId :
VX1013MBSD01

Tgt Ion: 83 Resp: 40334
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.4
85 64.3 32.6 97.8

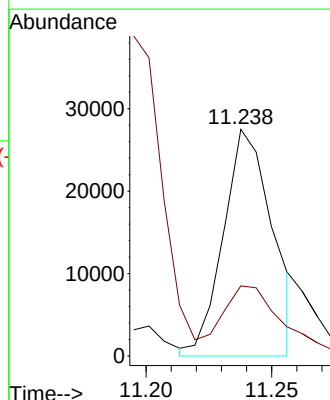
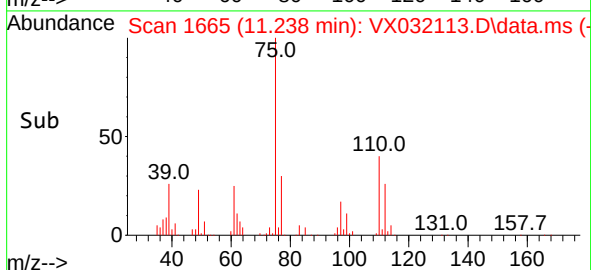
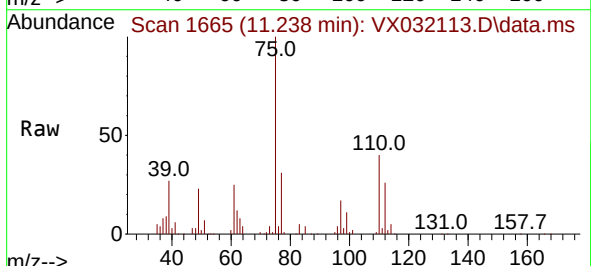
Manual Integrations
APPROVED

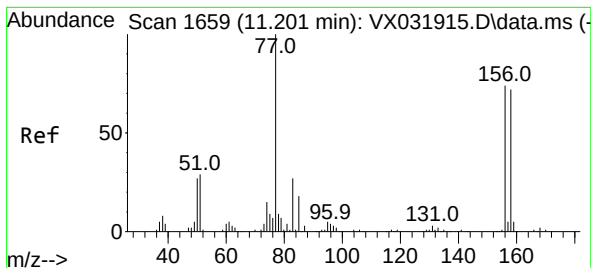
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#76
1,2,3-Trichloropropane
Concen: 23.914 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

Tgt Ion: 75 Resp: 37248
Ion Ratio Lower Upper
75 100
77 38.8 20.3 60.9





#77

Bromobenzene

Concen: 21.569 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX032113.D

Acq: 13 Oct 2022 16:13

Instrument :

MSVOA_X

ClientSampleId :

VX1013MBS01

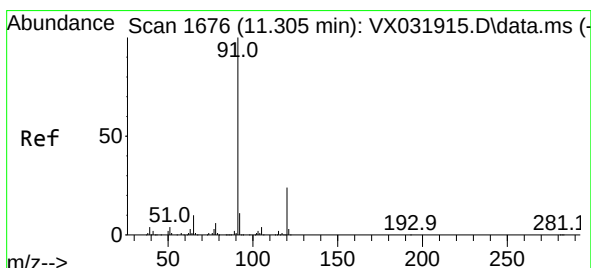
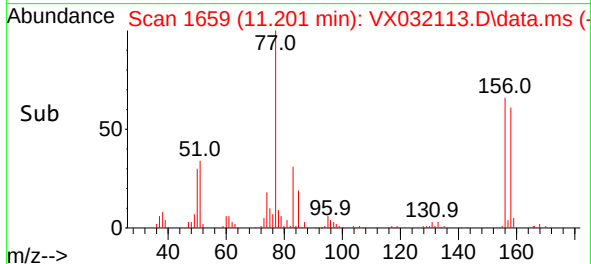
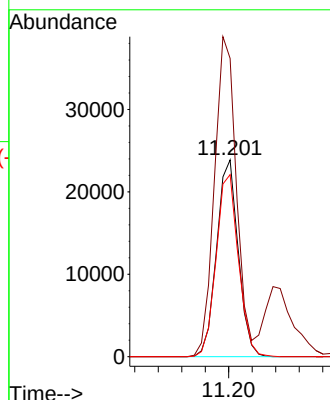
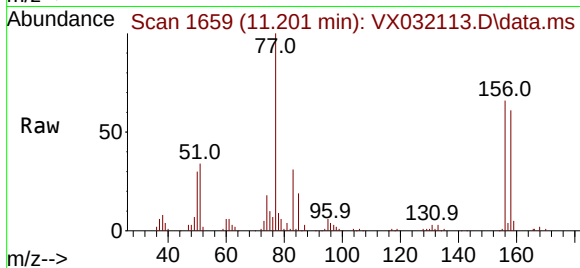
Tgt Ion:	156	Resp:	3045
Ion Ratio	Lower	Upper	
156	100		
77	164.4	79.5	238.6
158	95.5	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#78

n-propylbenzene

Concen: 23.047 ug/l

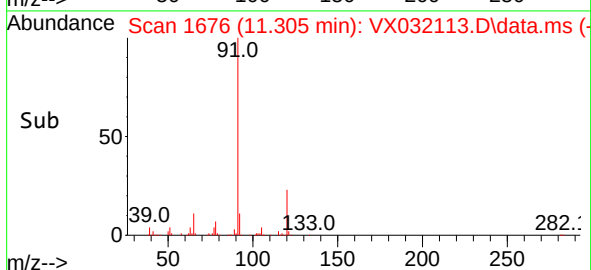
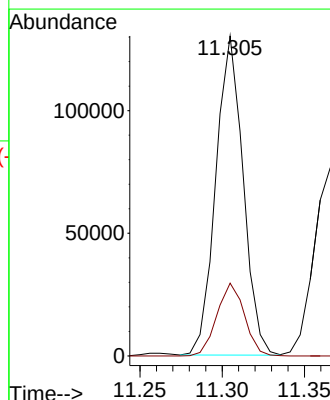
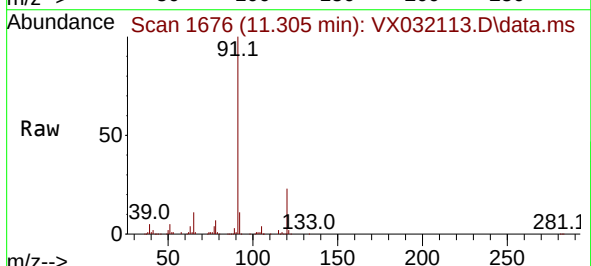
RT: 11.305 min Scan# 1676

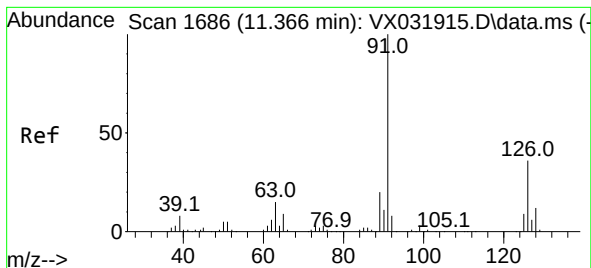
Delta R.T. -0.000 min

Lab File: VX032113.D

Acq: 13 Oct 2022 16:13

Tgt Ion:	91	Resp:	150255
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.8	35.4





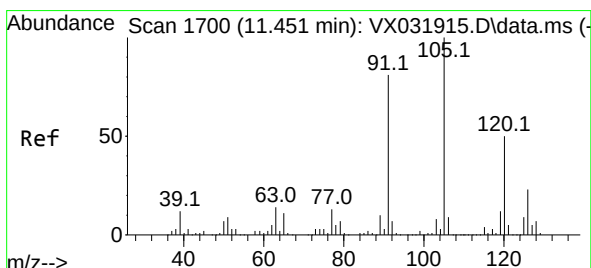
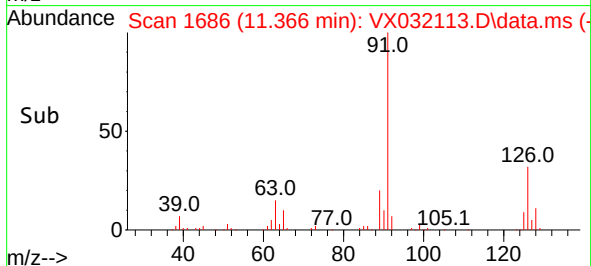
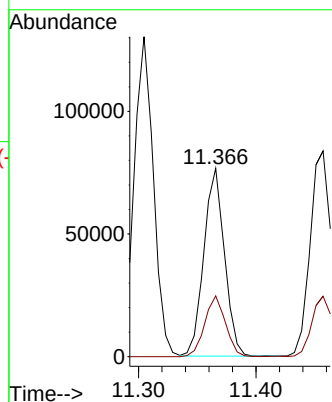
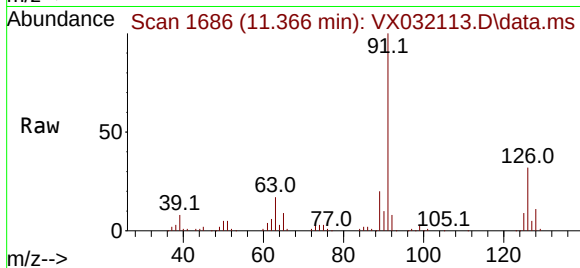
#79
2-Chlorotoluene
Concen: 23.760 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

Instrument :
MSVOA_X
ClientSampleId :
VX1013MBSD01

Tgt Ion: 91 Resp: 93219
Ion Ratio Lower Upper
91 100
126 32.6 17.4 52.3

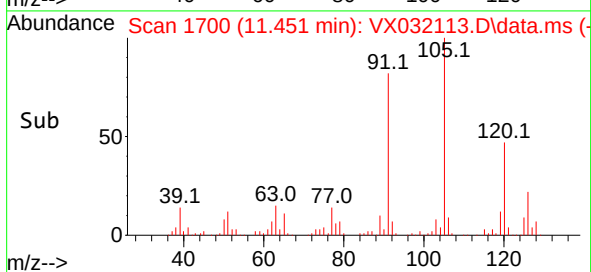
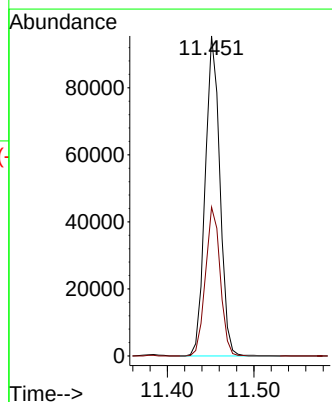
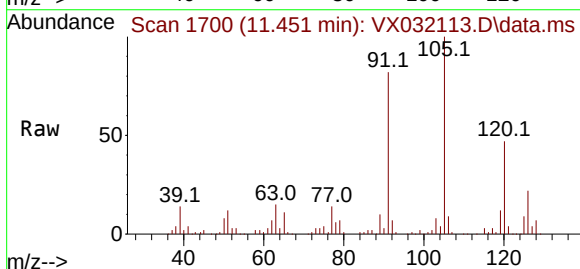
Manual Integrations
APPROVED

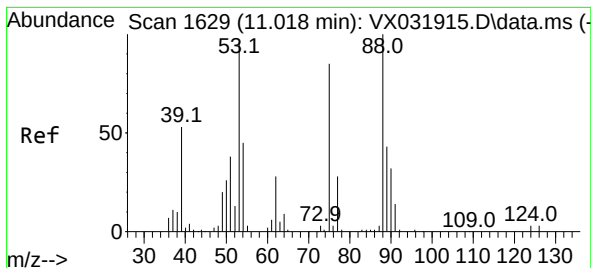
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#80
1,3,5-Trimethylbenzene
Concen: 23.606 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

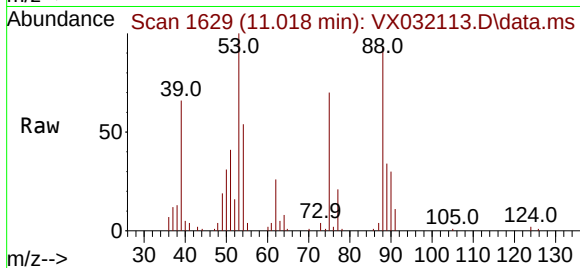
Tgt Ion:105 Resp: 112221
Ion Ratio Lower Upper
105 100
120 46.7 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 21.932 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

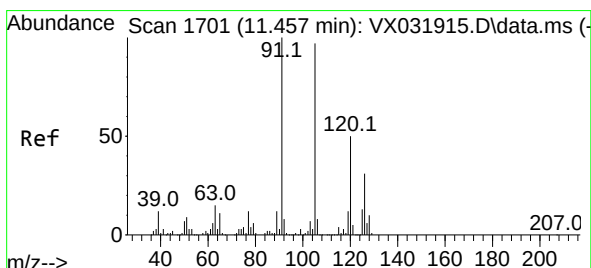
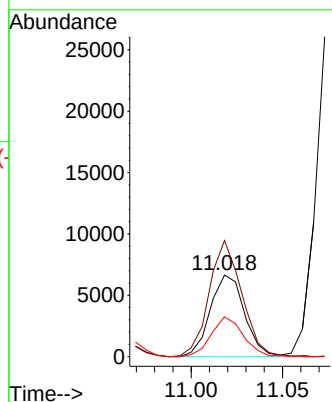
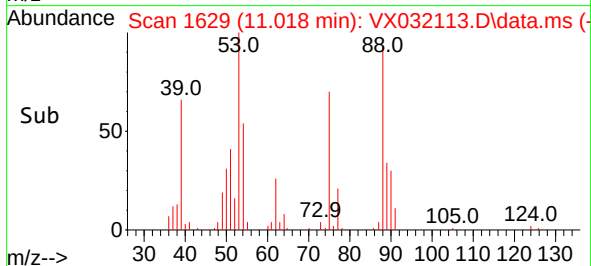
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBSD01



Tgt Ion: 75 Resp: 8672
Ion Ratio Lower Upper
75 100
53 136.1 77.6 116.4
89 45.8 37.4 56.0

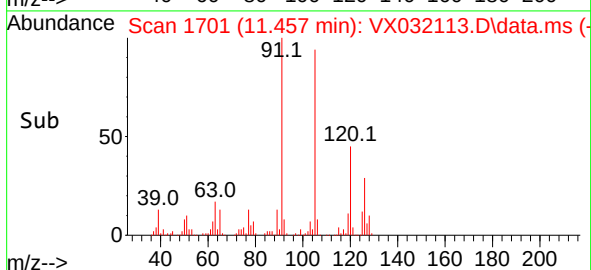
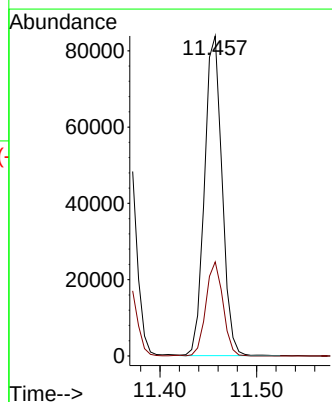
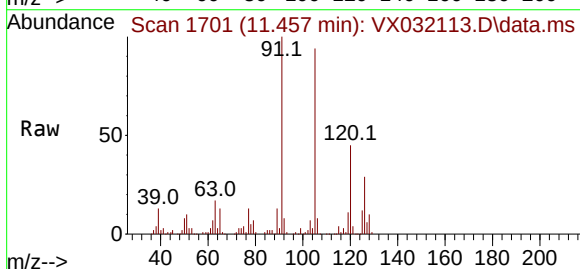
Manual Integrations
APPROVED

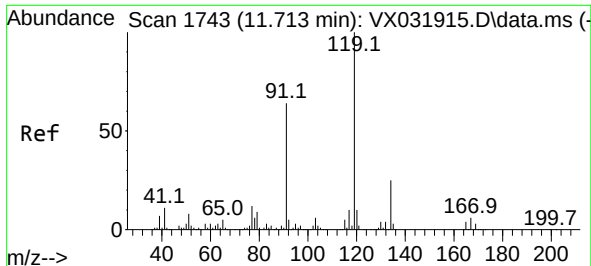
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#82
4-Chlorotoluene
Concen: 23.590 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

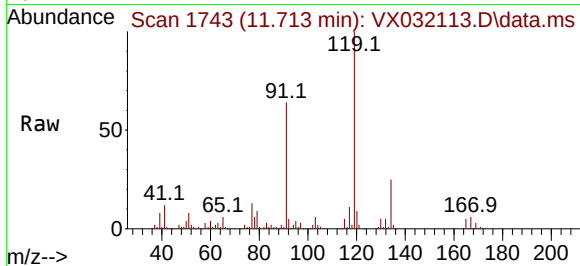
Tgt Ion: 91 Resp: 105997
Ion Ratio Lower Upper
91 100
126 28.8 15.1 45.3





#83
tert-Butylbenzene
Concen: 19.511 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

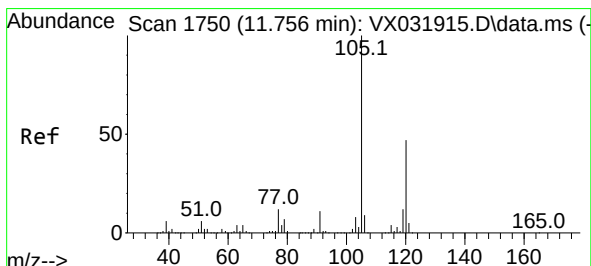
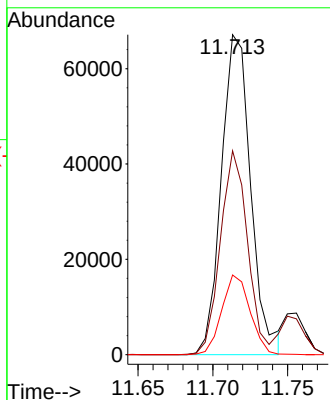
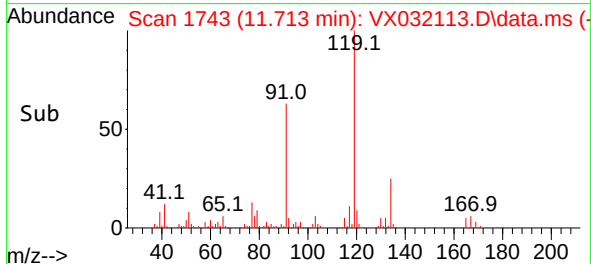
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBSD01



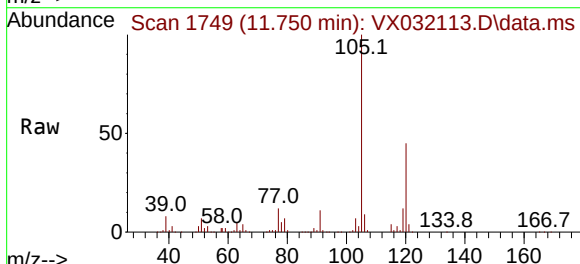
Tgt Ion:119 Resp: 91798
Ion Ratio Lower Upper
119 100
91 58.9 29.2 87.6
134 24.0 11.6 34.8

Manual Integrations
APPROVED

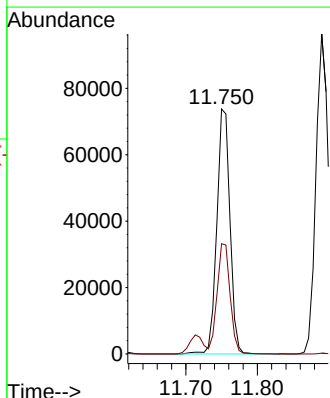
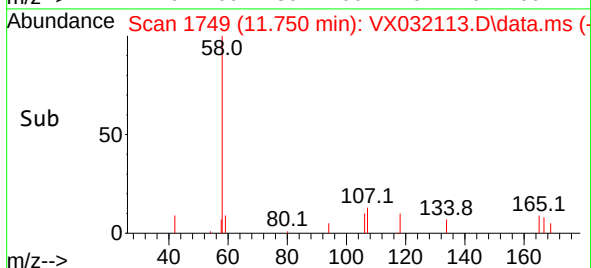
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

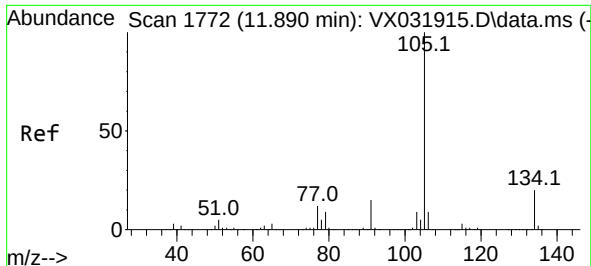


#84
1,2,4-Trimethylbenzene
Concen: 19.478 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13



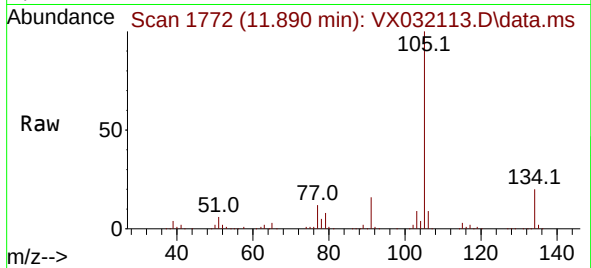
Tgt Ion:105 Resp: 94065
Ion Ratio Lower Upper
105 100
120 44.5 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 20.259 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032113.D
 Acq: 13 Oct 2022 16:13

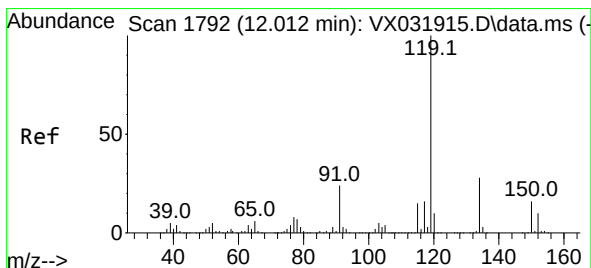
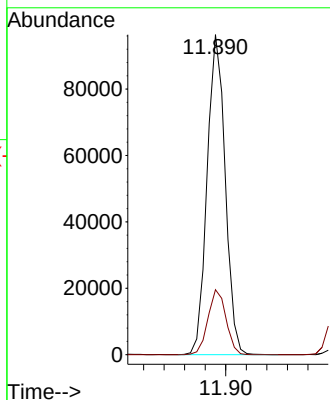
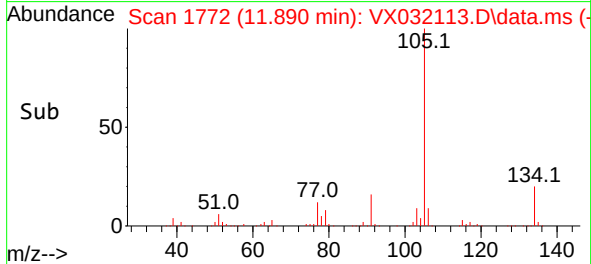
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013MBSD01



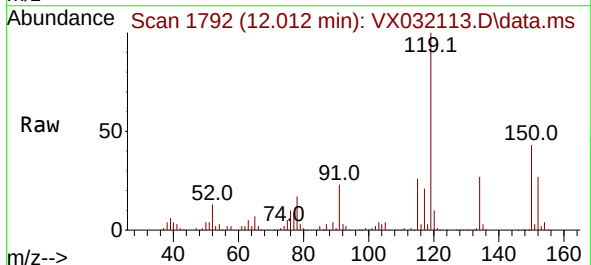
Tgt Ion:105 Resp: 118009
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1

Manual Integrations
 APPROVED

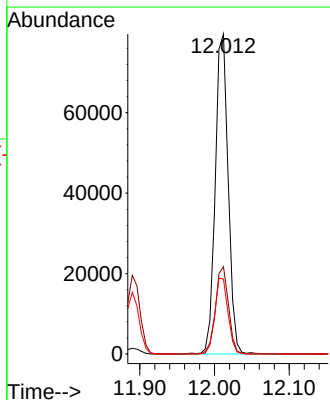
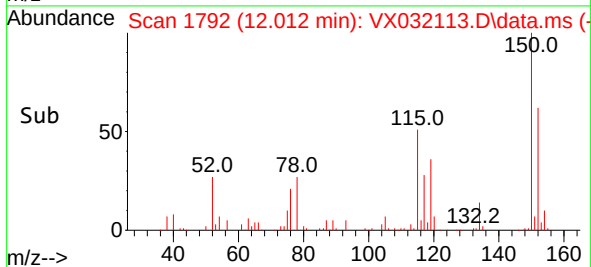
Reviewed By :John Carlone 10/14/2022
 Supervised By :Mahesh Dadoda 10/14/2022

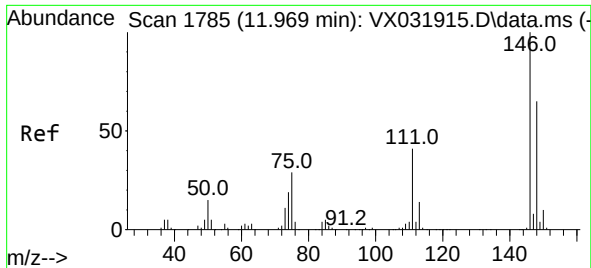


#86
 p-Isopropyltoluene
 Concen: 19.598 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX032113.D
 Acq: 13 Oct 2022 16:13



Tgt Ion:119 Resp: 96117
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.4 40.2
 91 24.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 17.998 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX032113.D

Acq: 13 Oct 2022 16:13

Instrument :

MSVOA_X

ClientSampleId :

VX1013MBSD01

Tgt Ion:146 Resp: 4838

Ion Ratio Lower Upper

146 100

111 41.4 19.8 59.4

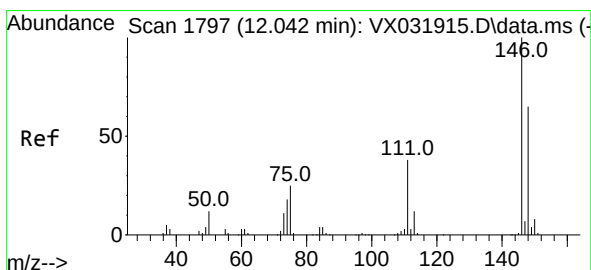
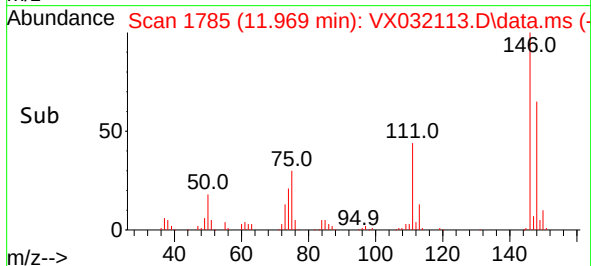
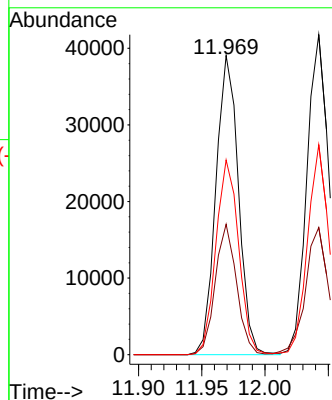
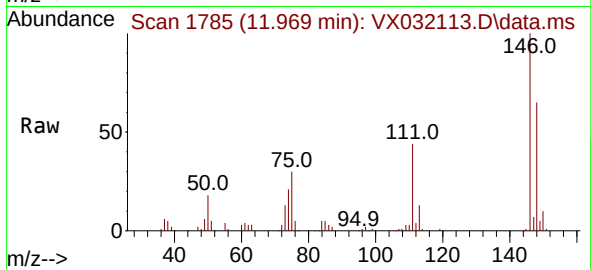
148 65.6 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#88

1,4-Dichlorobenzene

Concen: 18.370 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX032113.D

Acq: 13 Oct 2022 16:13

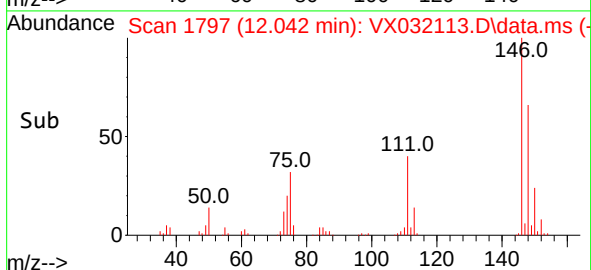
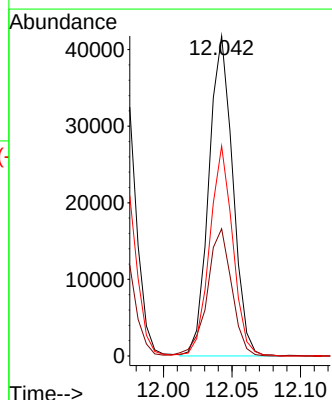
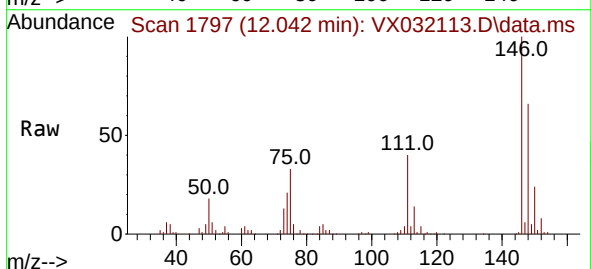
Tgt Ion:146 Resp: 50833

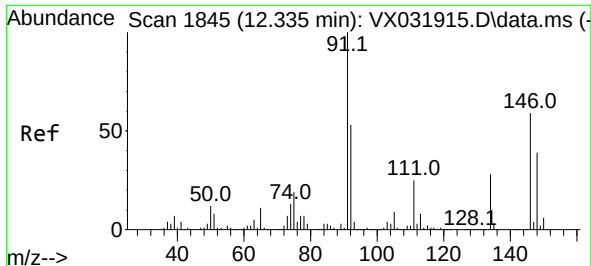
Ion Ratio Lower Upper

146 100

111 40.7 20.5 61.5

148 63.4 32.0 96.2





#89

n-Butylbenzene

Concen: 20.606 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032113.D

Acq: 13 Oct 2022 16:13

Instrument :

MSVOA_X

ClientSampleId :

VX1013MBSD01

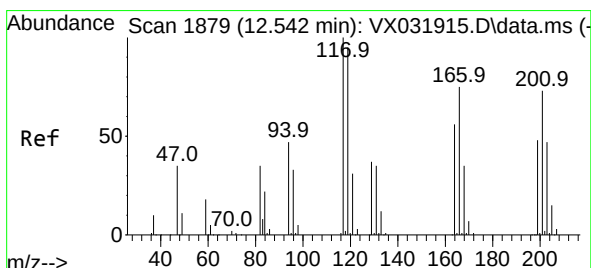
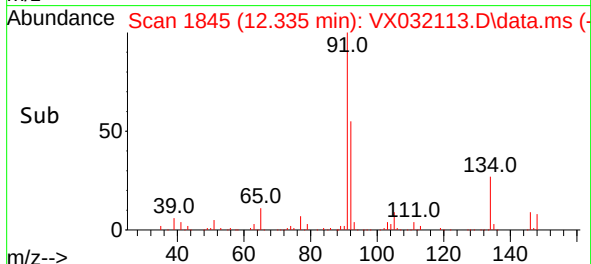
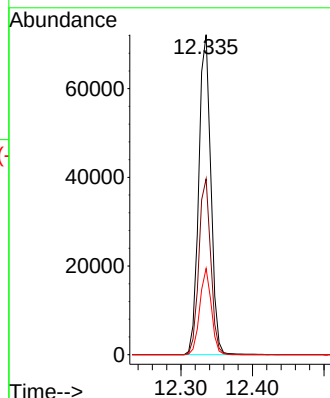
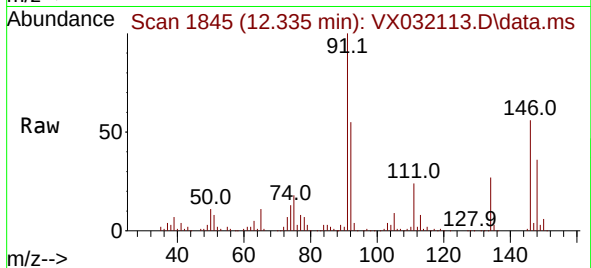
Tgt Ion: 91 Resp: 84630
 Ion Ratio Lower Upper
 91 100
 92 54.0 27.0 81.0
 134 25.7 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#90

Hexachloroethane

Concen: 18.392 ug/l

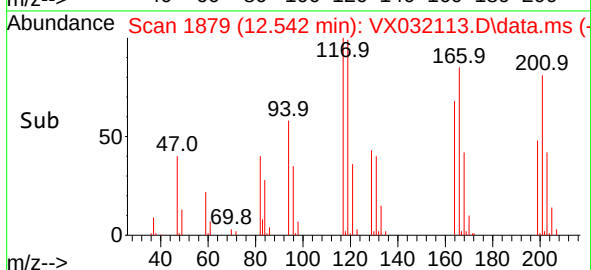
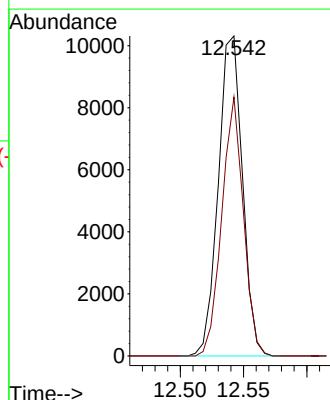
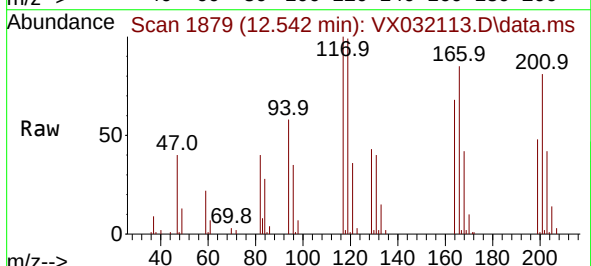
RT: 12.542 min Scan# 1879

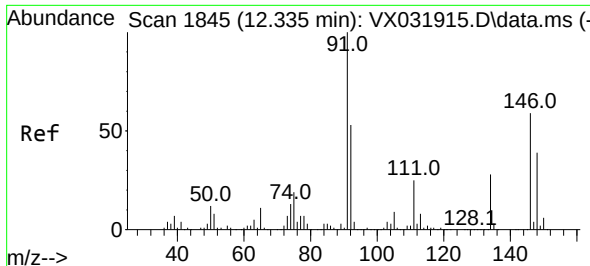
Delta R.T. 0.000 min

Lab File: VX032113.D

Acq: 13 Oct 2022 16:13

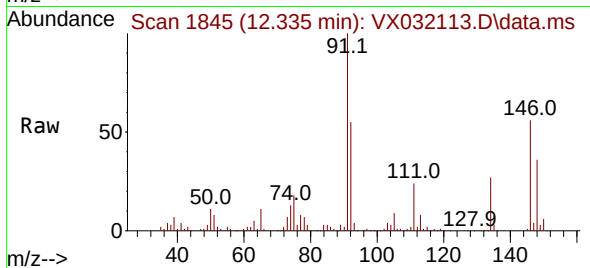
Tgt Ion:117 Resp: 13681
 Ion Ratio Lower Upper
 117 100
 201 72.4 34.8 104.4





#91
1,2-Dichlorobenzene
Concen: 18.509 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

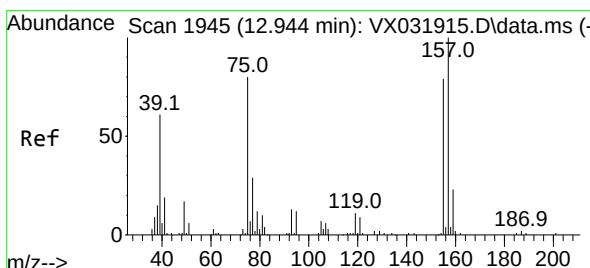
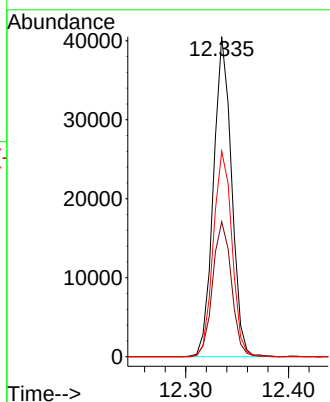
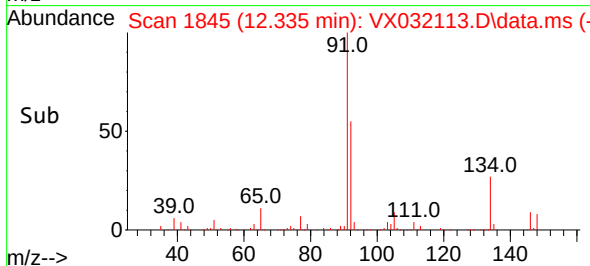
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBSD01



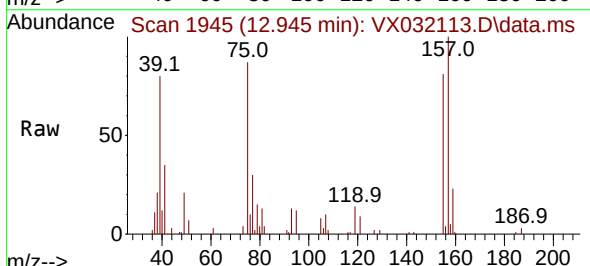
Tgt Ion:146 Resp: 49472
Ion Ratio Lower Upper
146 100
111 43.6 20.6 61.8
148 66.0 31.6 95.0

Manual Integrations
APPROVED

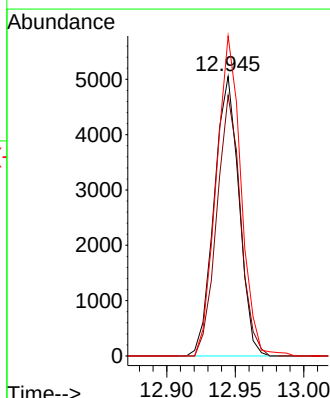
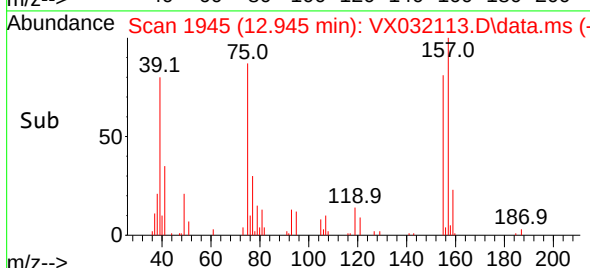
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

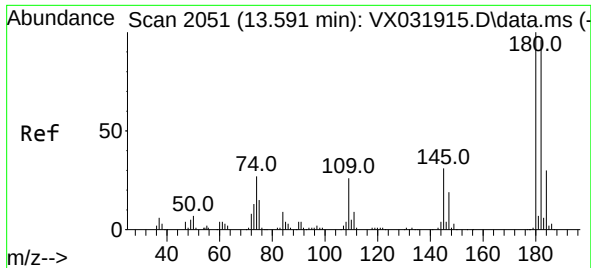


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.052 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13



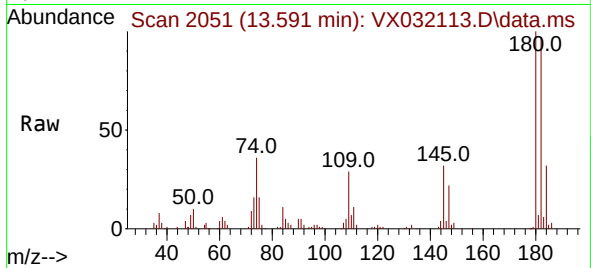
Tgt Ion: 75 Resp: 6351
Ion Ratio Lower Upper
75 100
155 89.0 40.3 120.8
157 114.4 51.5 154.5





#93
1,2,4-Trichlorobenzene
Concen: 23.647 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

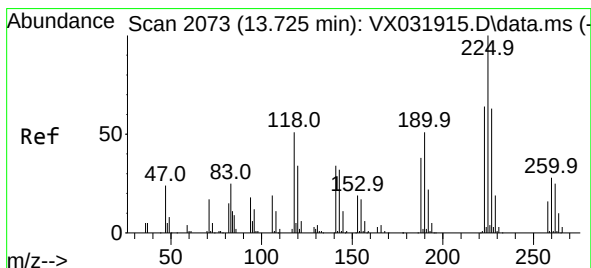
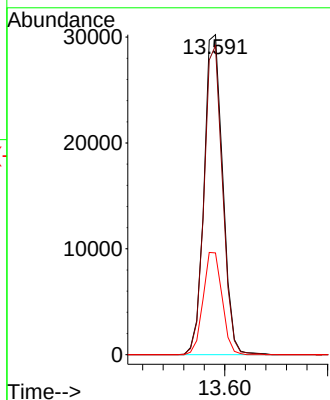
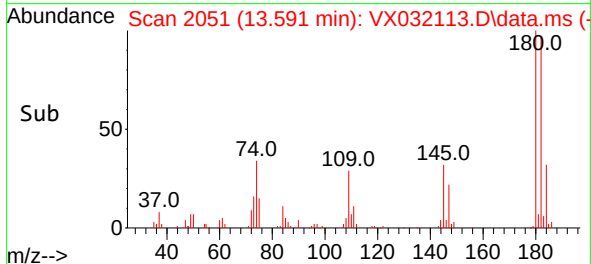
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBSD01



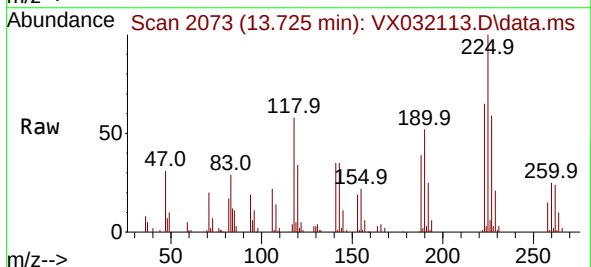
Tgt Ion:180 Resp: 38362
Ion Ratio Lower Upper
180 100
182 94.9 46.9 140.6
145 32.3 16.7 50.1

Manual Integrations
APPROVED

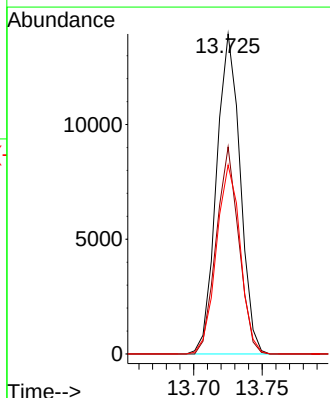
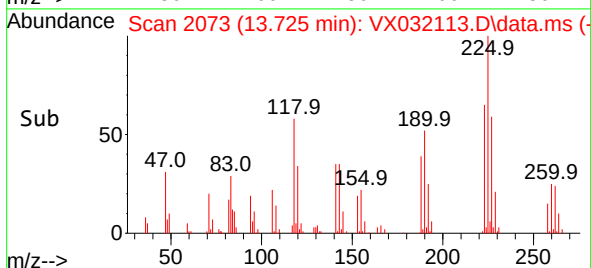
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

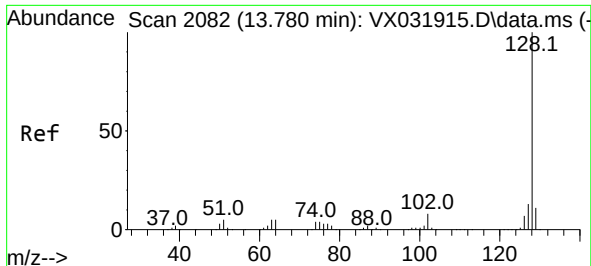


#94
Hexachlorobutadiene
Concen: 25.541 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13



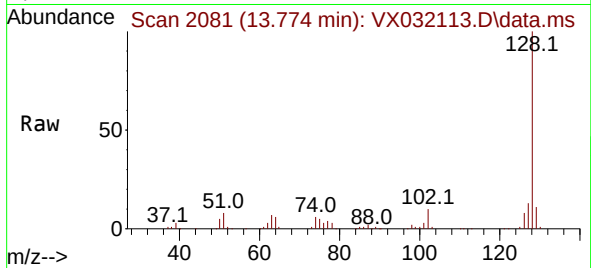
Tgt Ion:225 Resp: 16758
Ion Ratio Lower Upper
225 100
223 61.5 30.8 92.4
227 59.7 32.3 96.9





#95
Naphthalene
Concen: 23.442 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13

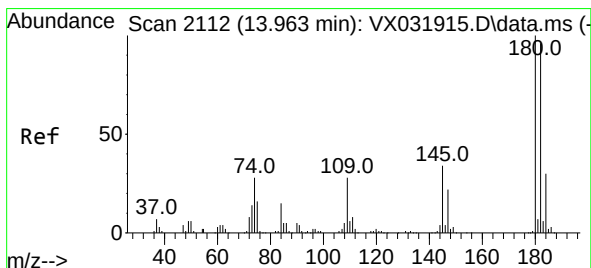
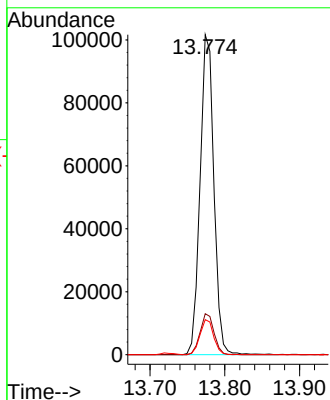
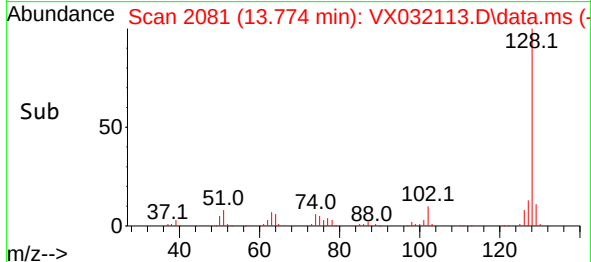
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBSD01



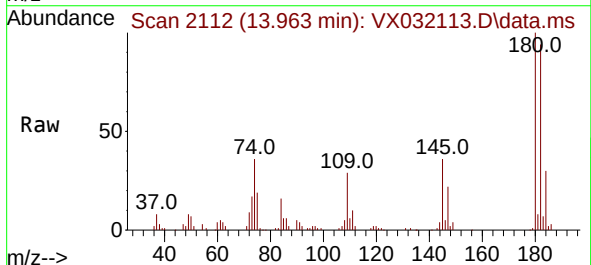
Tgt Ion:128 Resp: 130312
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#96
1,2,3-Trichlorobenzene
Concen: 24.042 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX032113.D
Acq: 13 Oct 2022 16:13



Tgt Ion:180 Resp: 39561
Ion Ratio Lower Upper
180 100
182 93.8 47.9 143.8
145 34.8 17.6 52.8

