

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121422\
 Data File : VX033414.D
 Acq On : 14 Dec 2022 12:36
 Operator : JC/MD
 Sample : VX1214WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2022
 Supervised By : Mahesh Dadoda 12/15/2022

Quant Time: Dec 14 22:48:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	142483	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	223959	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	43326	47.399	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.800%		
35) Dibromofluoromethane	5.385	113	49791	49.429	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.860%		
50) Toluene-d8	8.646	98	110331	52.357	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	104.720%		
62) 4-Bromofluorobenzene	11.079	95	89468	55.527	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	111.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	21365	21.466	ug/l	95
3) Chloromethane	1.294	50	21316	18.523	ug/l	93
4) Vinyl Chloride	1.373	62	24647	18.757	ug/l	94
5) Bromomethane	1.617	94	18688	19.380	ug/l	95
6) Chloroethane	1.690	64	19499	19.564	ug/l	96
7) Trichlorofluoromethane	1.892	101	41173	16.690	ug/l	99
8) Diethyl Ether	2.129	74	13011	14.602	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.330	101	28616	21.867	ug/l	98
10) Methyl Iodide	2.452	142	25120	17.527	ug/l	98
11) Tert butyl alcohol	3.001	59	27704m	99.133	ug/l	
12) 1,1-Dichloroethene	2.318	96	25992	20.122	ug/l	97
13) Acrolein	2.239	56	20721	68.365	ug/l	100
14) Allyl chloride	2.666	41	40003	19.392	ug/l	96
15) Acrylonitrile	3.068	53	64763	93.552	ug/l	100
16) Acetone	2.391	43	76320	112.834	ug/l	99
17) Carbon Disulfide	2.513	76	61670	18.602	ug/l	99
18) Methyl Acetate	2.708	43	37322	19.061	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	89507	20.004	ug/l	98
20) Methylene Chloride	2.788	84	29309	19.430	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	28594	20.236	ug/l	97
22) Diisopropyl ether	3.757	45	89289	20.203	ug/l	91
23) Vinyl Acetate	3.720	43	336021	97.954	ug/l	98
24) 1,1-Dichloroethane	3.611	63	51162	19.702	ug/l	98
25) 2-Butanone	4.562	43	99361	102.338	ug/l	98
26) 2,2-Dichloropropane	4.476	77	40261	21.083	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	33919	20.086	ug/l	97
28) Bromochloromethane	4.891	49	22393	20.600	ug/l	90
29) Tetrahydrofuran	5.007	42	58424	92.876	ug/l	97
30) Chloroform	5.092	83	58664	20.349	ug/l	97
31) Cyclohexane	5.470	56	45136	20.777	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	52545	21.184	ug/l	99
36) 1,1-Dichloropropene	5.690	75	41796	21.282	ug/l	100
37) Ethyl Acetate	4.708	43	34922	18.811	ug/l	99
38) Carbon Tetrachloride	5.677	117	46483	21.125	ug/l	98
39) Methylcyclohexane	7.378	83	50013	22.751	ug/l	99
40) Benzene	6.037	78	119802	20.922	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	19544	19.104	ug/l	95
42) 1,2-Dichloroethane	6.086	62	46248	20.339	ug/l	97
43) Isopropyl Acetate	6.336	43	59564	19.941	ug/l	99
44) Trichloroethene	7.122	130	34450	21.821	ug/l	88
45) 1,2-Dichloropropane	7.427	63	30339	20.717	ug/l	99
46) Dibromomethane	7.580	93	23192	20.789	ug/l	97
47) Bromodichloromethane	7.817	83	45578	20.959	ug/l	100
48) Methyl methacrylate	7.689	41	30047	19.490	ug/l	93
49) 1,4-Dioxane	7.708	88	14091	400.831	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	192524	101.919	ug/l	97
52) Toluene	8.720	92	81162	21.922	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	44550	20.620	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	48327	20.884	ug/l #	88
55) 1,1,2-Trichloroethane	9.152	97	33496	21.523	ug/l	98
56) Ethyl methacrylate	9.116	69	45373	20.707	ug/l	92
57) 1,3-Dichloropropane	9.305	76	52968	21.186	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	80974	80.763	ug/l	98
59) 2-Hexanone	9.427	43	148652	106.785	ug/l	95
60) Dibromochloromethane	9.518	129	36154	21.085	ug/l	100
61) 1,2-Dibromoethane	9.610	107	35331	21.343	ug/l	99
64) Tetrachloroethene	9.274	164	30917	21.931	ug/l	96
65) Chlorobenzene	10.079	112	90314	21.633	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.164	131	33526	21.250	ug/l	99
67) Ethyl Benzene	10.195	91	161558	22.213	ug/l	99
68) m/p-Xylenes	10.299	106	126729	44.784	ug/l	97
69) o-Xylene	10.640	106	61500	21.987	ug/l	97
70) Styrene	10.652	104	101767	22.215	ug/l	98
71) Bromoform	10.798	173	25369	20.315	ug/l #	99
73) Isopropylbenzene	10.963	105	166088	21.686	ug/l	100
74) N-amyl acetate	10.841	43	51497	19.708	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	49041	20.184	ug/l	98
76) 1,2,3-Trichloropropane	11.237	75	43870m	20.407	ug/l	
77) Bromobenzene	11.195	156	40051	20.709	ug/l	98
78) n-propylbenzene	11.305	91	188328	22.023	ug/l	98
79) 2-Chlorotoluene	11.365	91	111066	21.015	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	141042	22.124	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	12470	18.044	ug/l	100
82) 4-Chlorotoluene	11.457	91	130043	21.161	ug/l	99
83) tert-Butylbenzene	11.713	119	139600	21.959	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	138811	21.813	ug/l	99
85) sec-Butylbenzene	11.890	105	168580	22.728	ug/l	99
86) p-Isopropyltoluene	12.012	119	143979	22.515	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	75830	21.645	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	77805	21.743	ug/l	99
89) n-Butylbenzene	12.335	91	118999	22.720	ug/l	99
90) Hexachloroethane	12.536	117	21780	20.037	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	74032	21.137	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	9608	18.307	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	46162	21.823	ug/l	98
94) Hexachlorobutadiene	13.725	225	19922	23.519	ug/l	98
95) Naphthalene	13.774	128	148278	21.015	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	46267	21.596	ug/l	98

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Instrument :
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

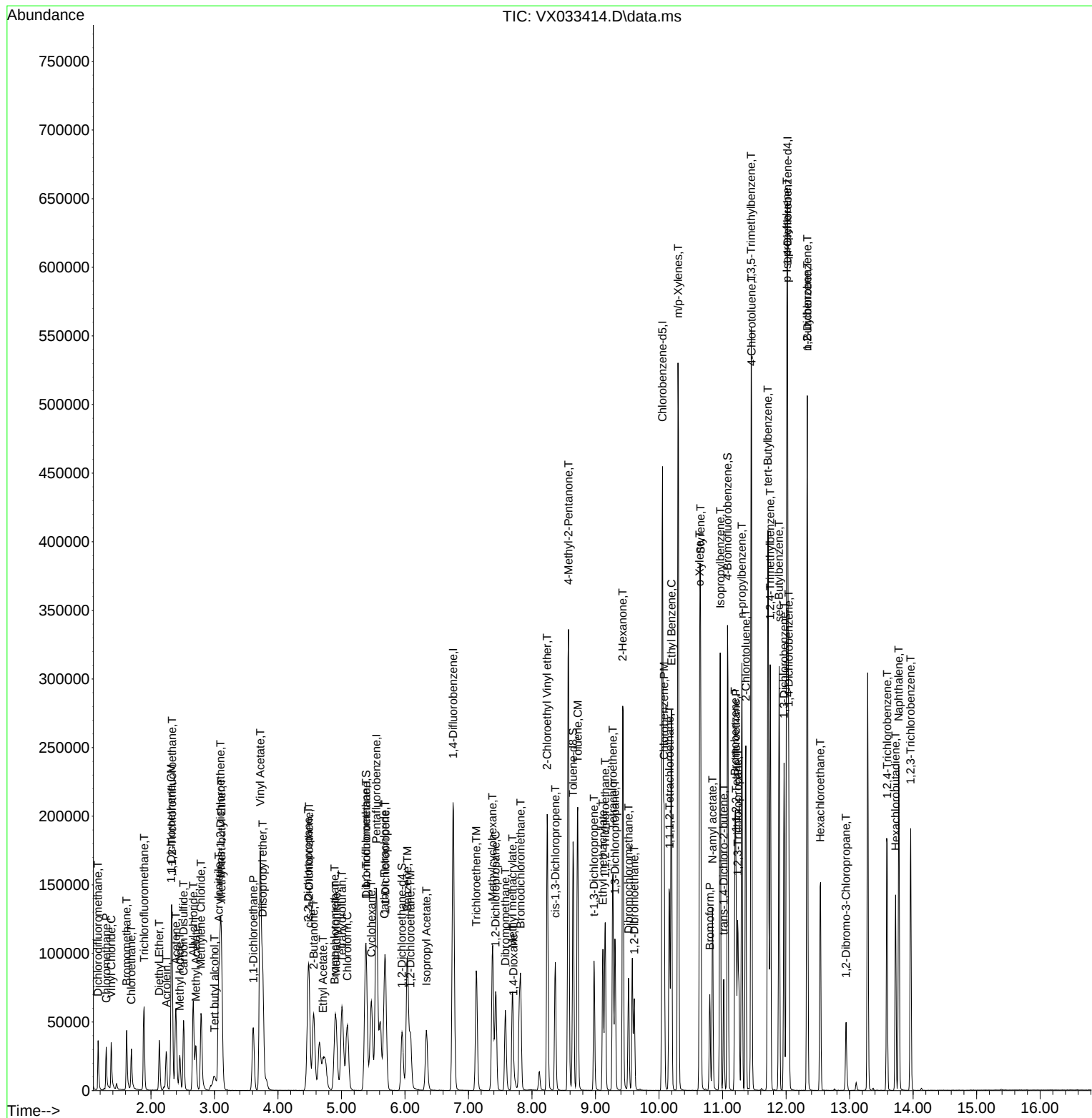
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Manual Integrations APPROVED

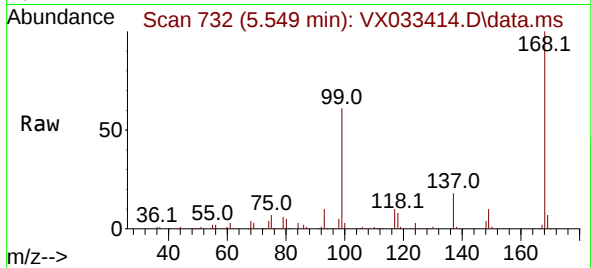
Reviewed By : John Carlone 12/15/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

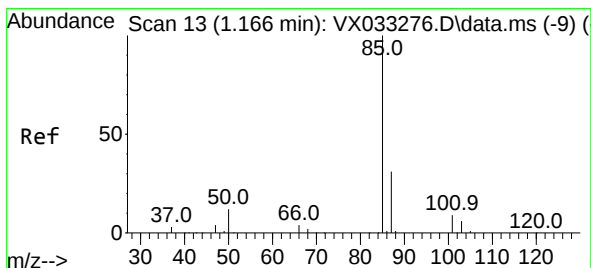
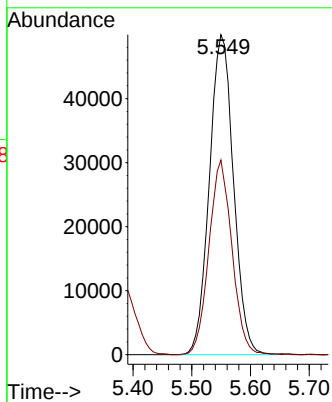
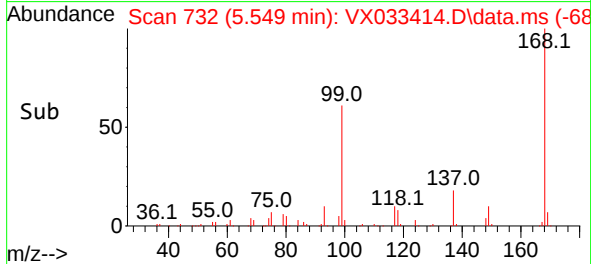
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02



Tgt Ion:168 Resp: 14248
Ion Ratio Lower Upper
168 100
99 60.9 46.1 69.1

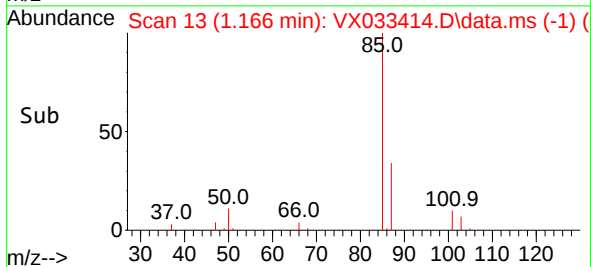
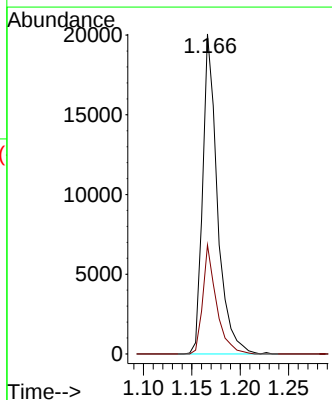
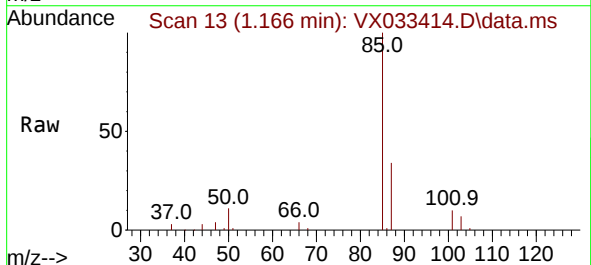
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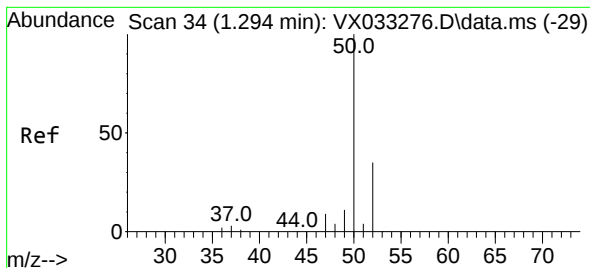
Reviewed By :John Carlone 12/15/2022
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#2
Dichlorodifluoromethane
Concen: 21.466 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

Tgt Ion: 85 Resp: 21365
Ion Ratio Lower Upper
85 100
87 34.0 15.6 46.7





#3

Chloromethane

Concen: 18.523 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX033414.D

Acq: 14 Dec 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS02

Tgt Ion: 50 Resp: 21310

Ion Ratio Lower Upper

50 100

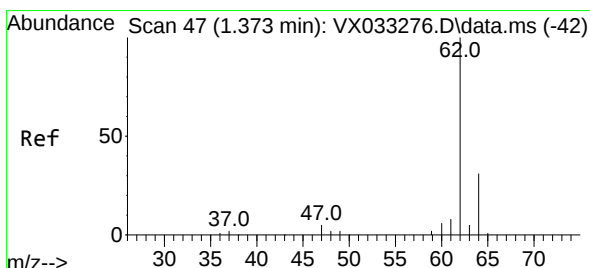
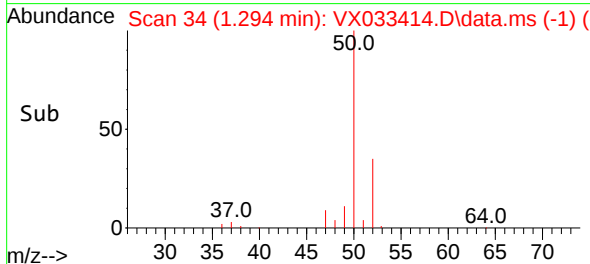
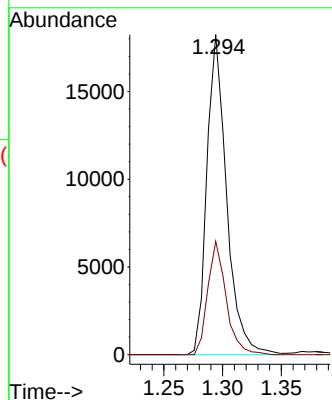
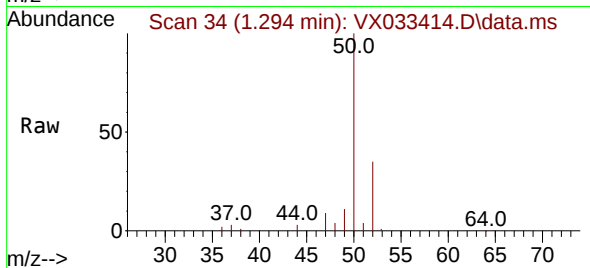
52 35.4 25.4 38.2

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#4

Vinyl Chloride

Concen: 18.757 ug/l

RT: 1.373 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX033414.D

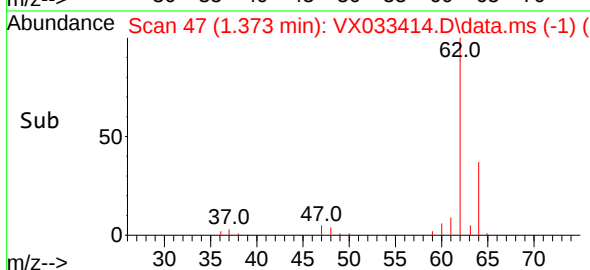
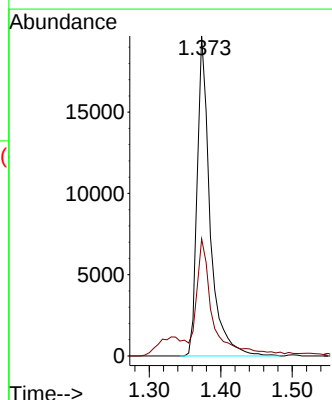
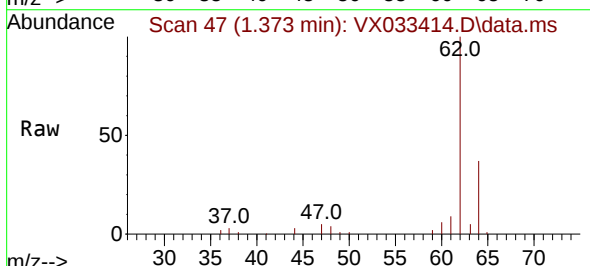
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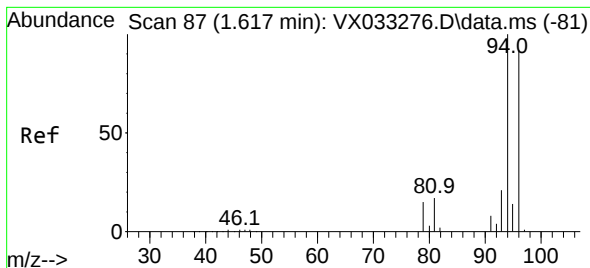
Tgt Ion: 62 Resp: 24647

Ion Ratio Lower Upper

62 100

64 35.4 25.8 38.6





#5

Bromomethane

Concen: 19.380 ug/l

RT: 1.617 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX033414.D

Acq: 14 Dec 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS02

Tgt Ion: 94 Resp: 1868

Ion Ratio Lower Upper

94 100

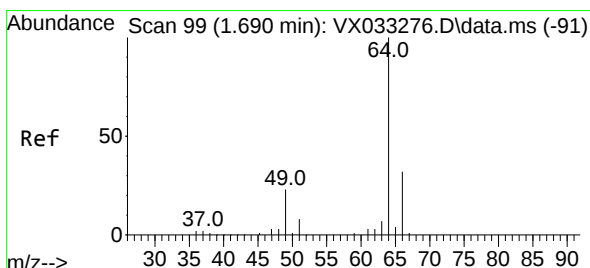
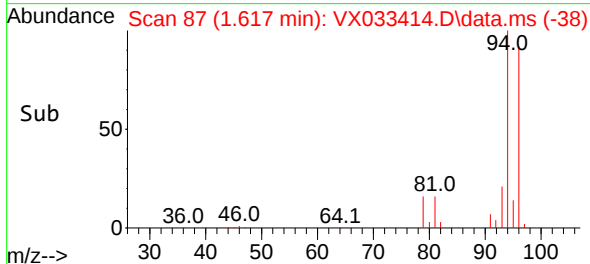
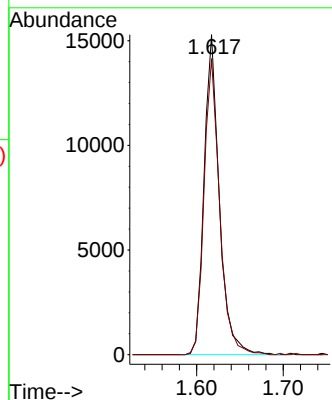
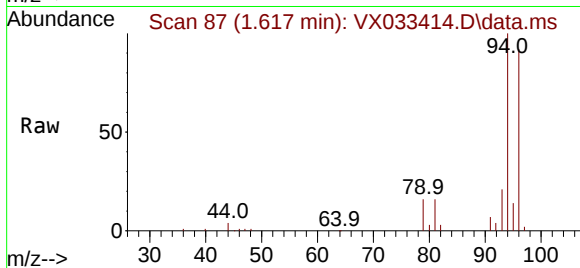
96 92.5 77.6 116.4

Manual Integrations

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#6

Chloroethane

Concen: 19.564 ug/l

RT: 1.690 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX033414.D

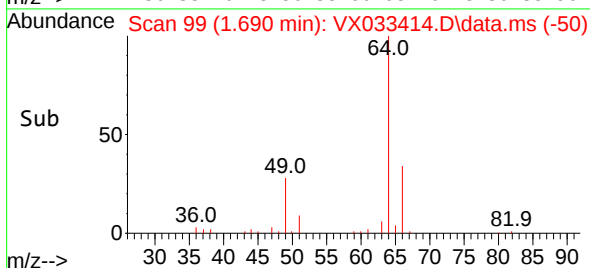
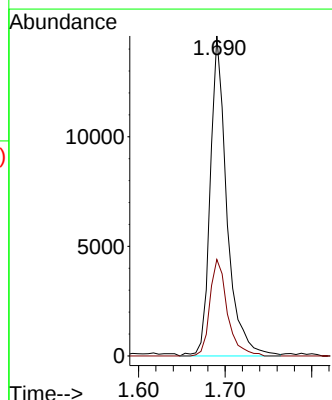
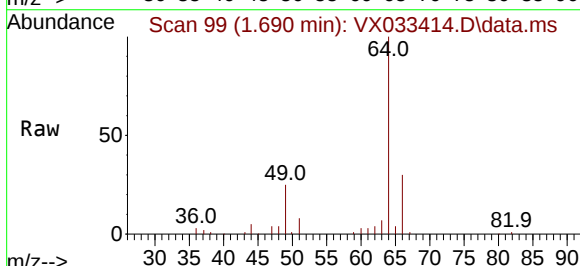
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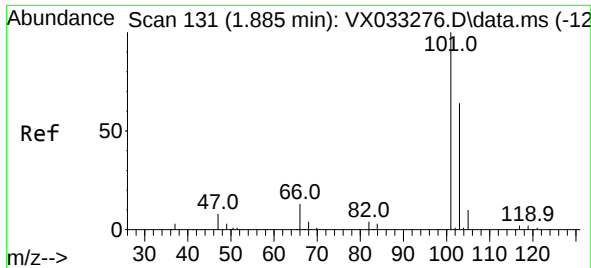
Tgt Ion: 64 Resp: 19499

Ion Ratio Lower Upper

64 100

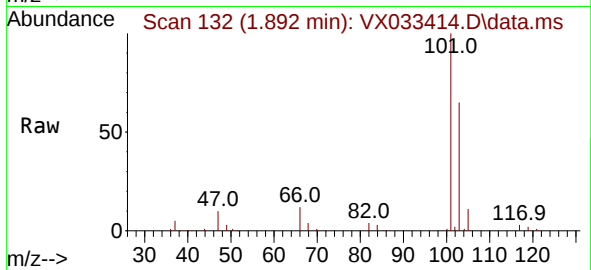
66 30.2 26.0 39.0





#7
Trichlorofluoromethane
Concen: 16.690 ug/l
RT: 1.892 min Scan# 111
Delta R.T. 0.006 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

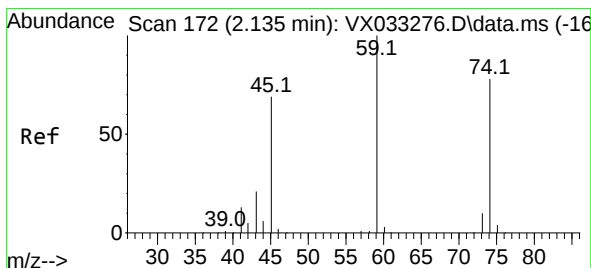
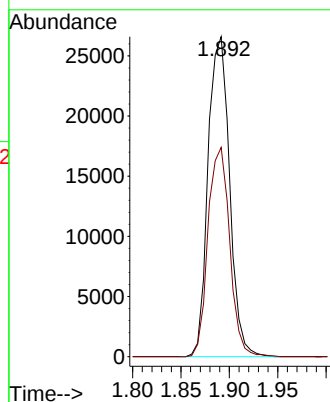
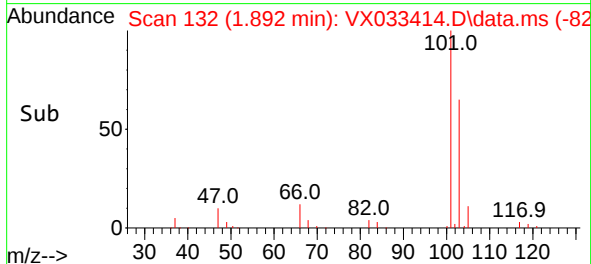
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02



Tgt Ion:101 Resp: 4117
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.2

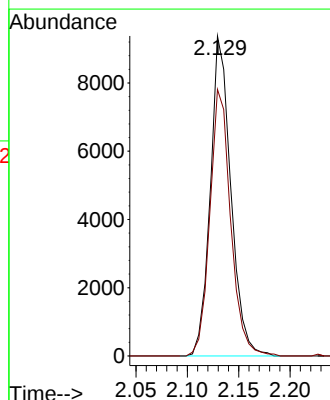
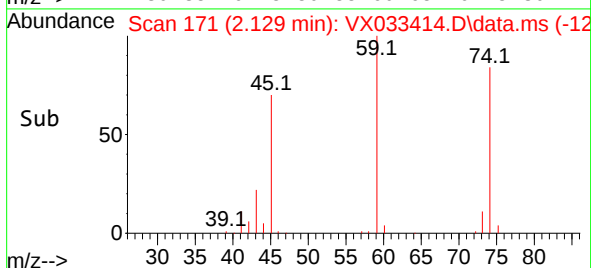
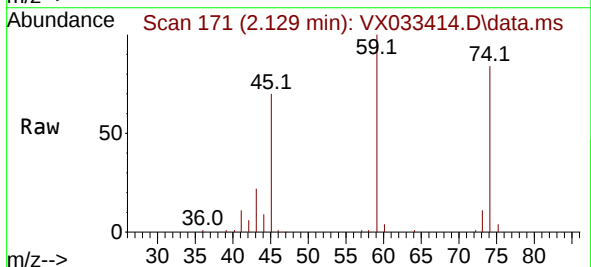
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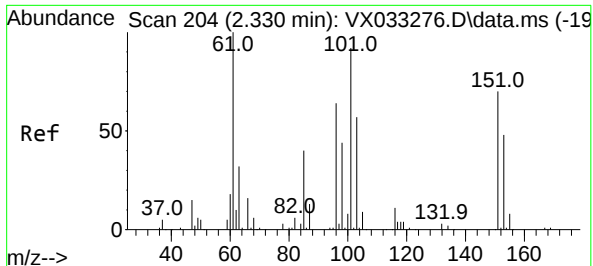
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#8
Diethyl Ether
Concen: 14.602 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 13011
Ion Ratio Lower Upper
74 100
45 84.5 46.6 139.7





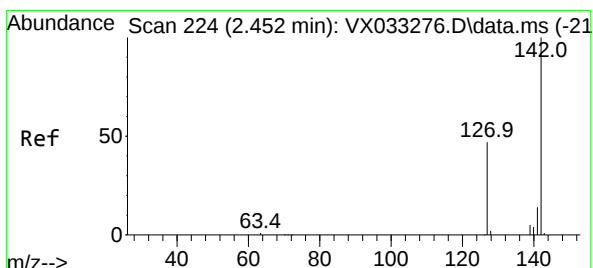
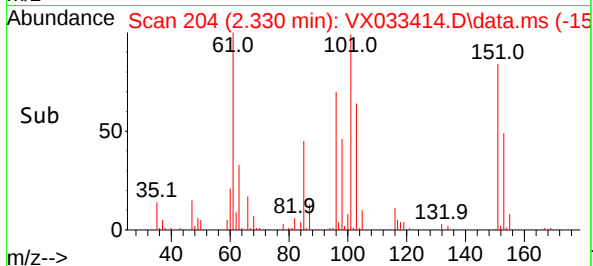
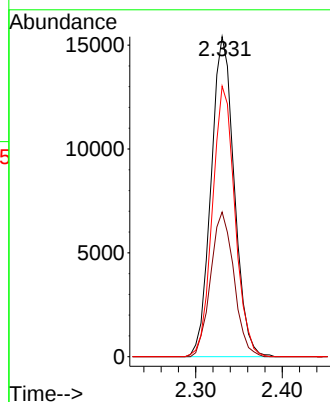
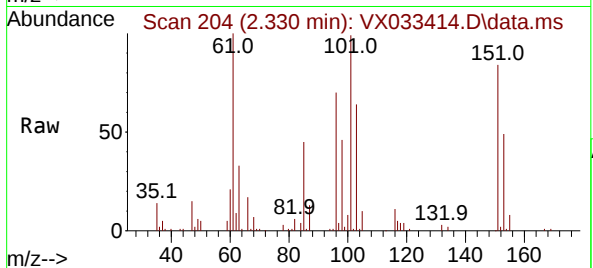
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.867 ug/l
RT: 2.330 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02

Tgt Ion:101 Resp: 28610
Ion Ratio Lower Upper
101 100
85 45.3 37.0 55.4
151 82.1 64.4 96.6

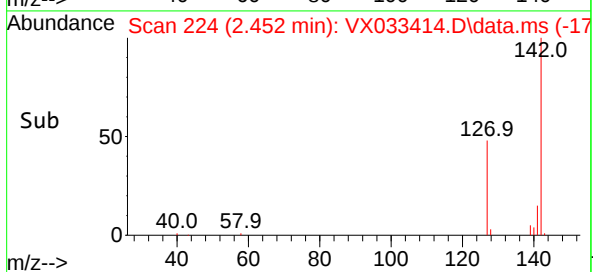
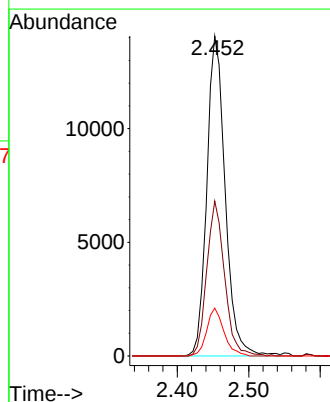
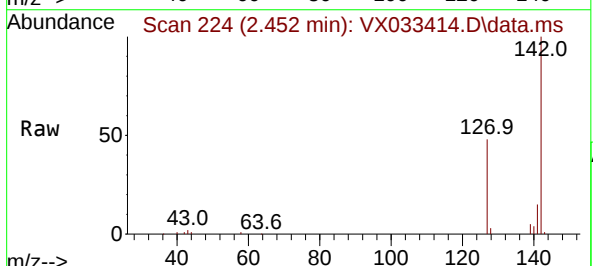
Manual Integrations
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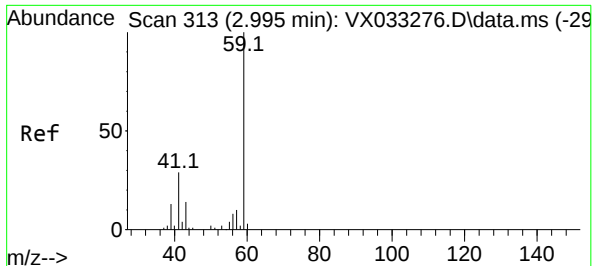
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#10
Methyl Iodide
Concen: 17.527 ug/l
RT: 2.452 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

Tgt Ion:142 Resp: 25120
Ion Ratio Lower Upper
142 100
127 46.9 38.6 57.8
141 14.0 11.4 17.2





#11

Tert butyl alcohol

Concen: 99.133 ug/l m

RT: 3.001 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX033414.D

Acq: 14 Dec 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS02

Tgt Ion: 59 Resp: 27704

Ion Ratio Lower Upper

59 100

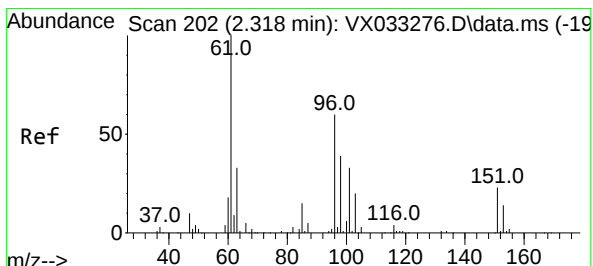
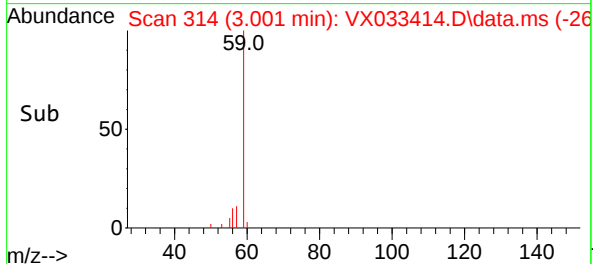
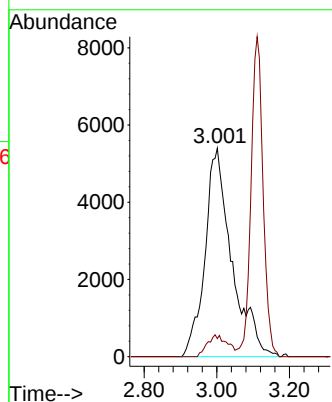
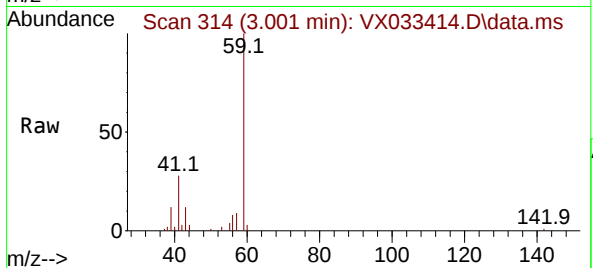
57 7.8 8.2 12.4

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Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#12

1,1-Dichloroethene

Concen: 20.122 ug/l

RT: 2.318 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX033414.D

Acq: 14 Dec 2022 12:36

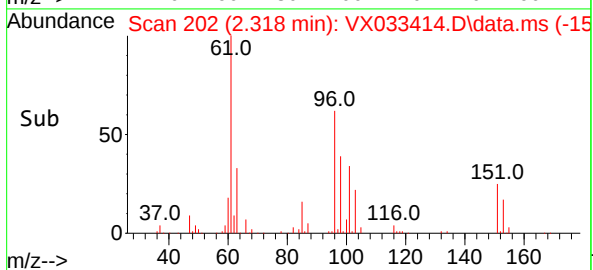
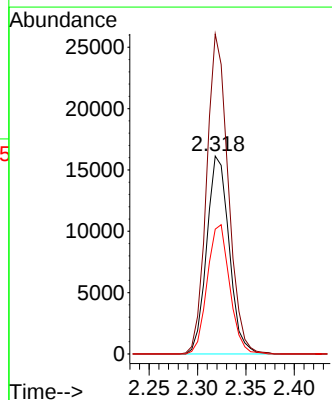
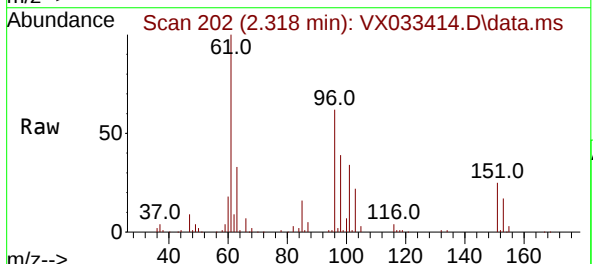
Tgt Ion: 96 Resp: 25992

Ion Ratio Lower Upper

96 100

61 161.6 125.1 187.7

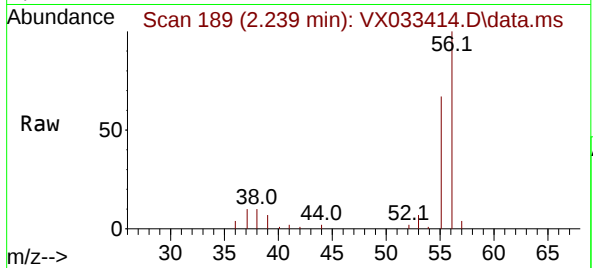
98 63.1 50.6 76.0





#13
Acrolein
Concen: 68.365 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

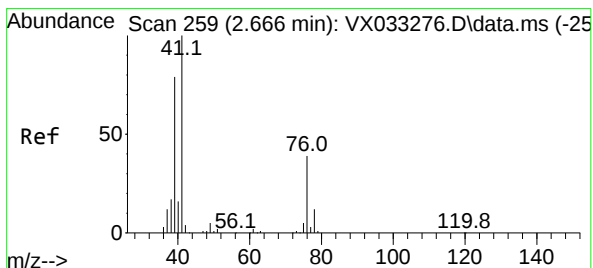
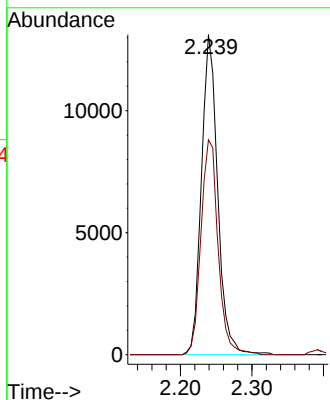
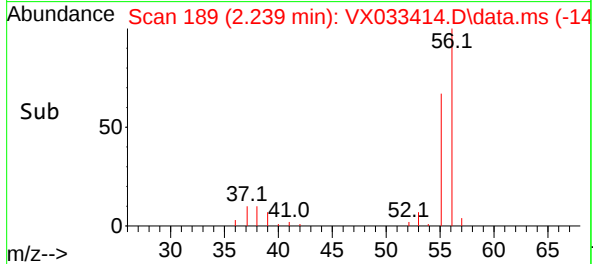
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02



Tgt Ion: 56 Resp: 2072
Ion Ratio Lower Upper
56 100
55 70.7 56.9 85.3

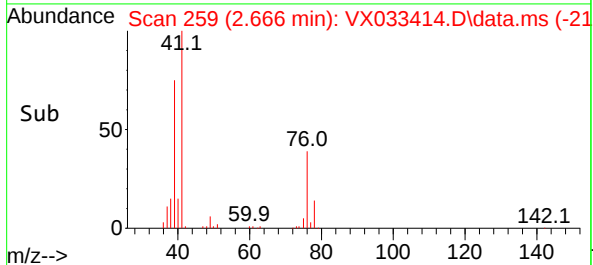
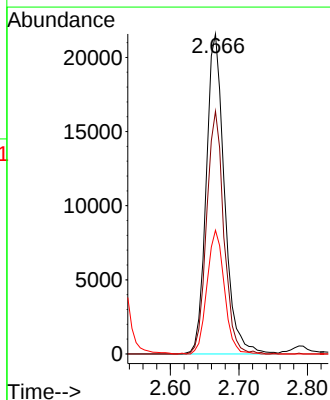
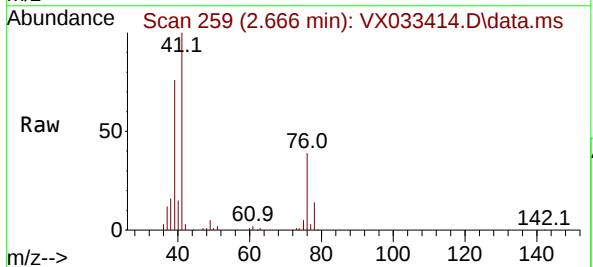
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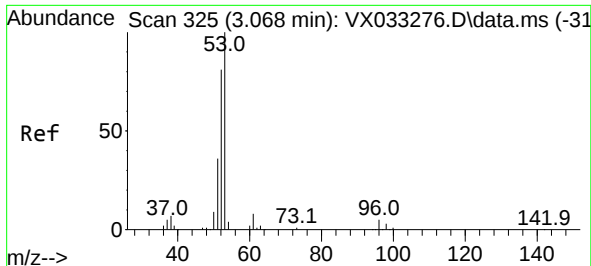
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#14
Allyl chloride
Concen: 19.392 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

Tgt Ion: 41 Resp: 40003
Ion Ratio Lower Upper
41 100
39 71.6 61.4 92.2
76 36.7 29.2 43.8





#15

Acrylonitrile

Concen: 93.552 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX033414.D

Acq: 14 Dec 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS02

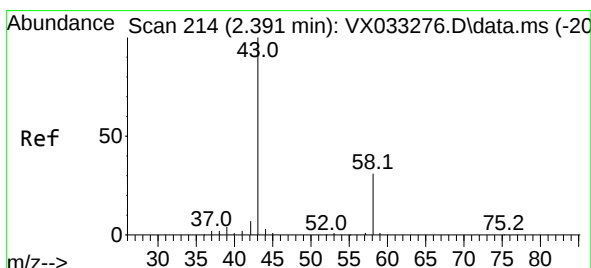
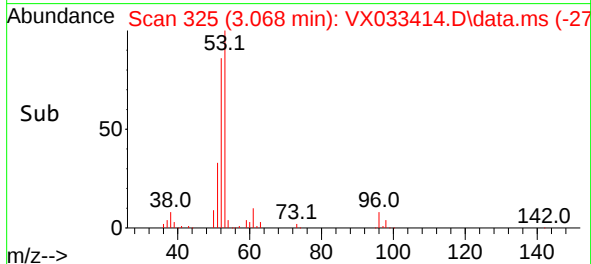
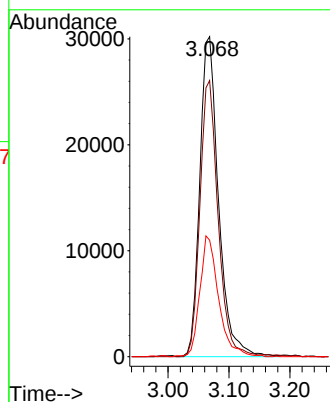
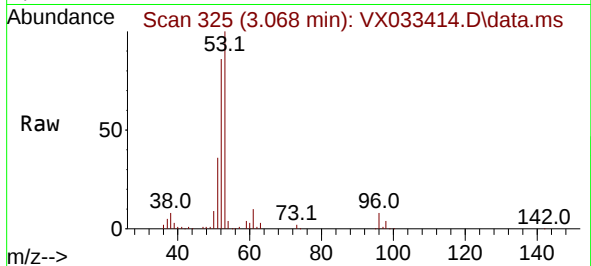
Tgt Ion: 53	Resp: 6476
Ion Ratio	Lower Upper
53 100	
52 83.9	67.4 101.0
51 37.7	30.3 45.5

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Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#16

Acetone

Concen: 112.834 ug/l

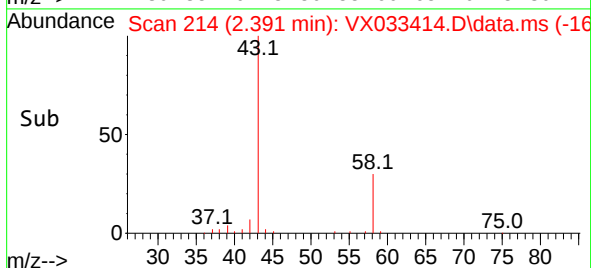
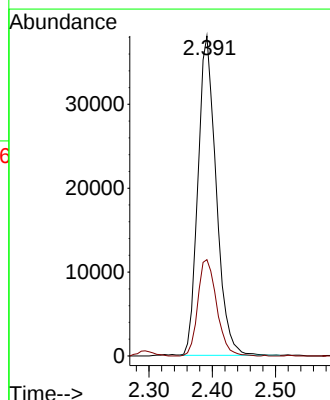
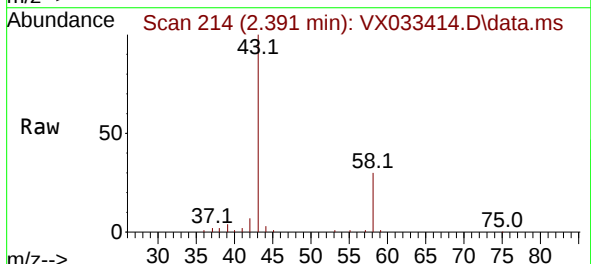
RT: 2.391 min Scan# 214

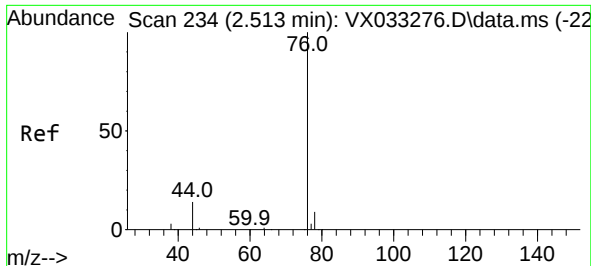
Delta R.T. 0.000 min

Lab File: VX033414.D

Acq: 14 Dec 2022 12:36

Tgt Ion: 43	Resp: 76320
Ion Ratio	Lower Upper
43 100	
58 30.2	23.8 35.8





#17

Carbon Disulfide

Concen: 18.602 ug/l

RT: 2.513 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX033414.D

Acq: 14 Dec 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS02

Tgt Ion: 76 Resp: 61670

Ion Ratio Lower Upper

76 100

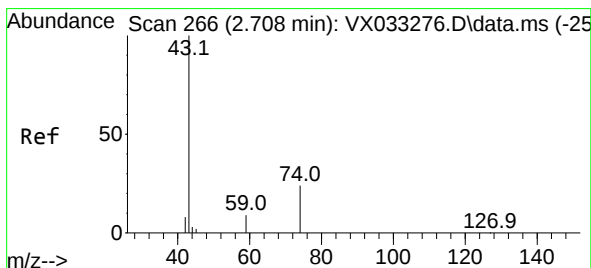
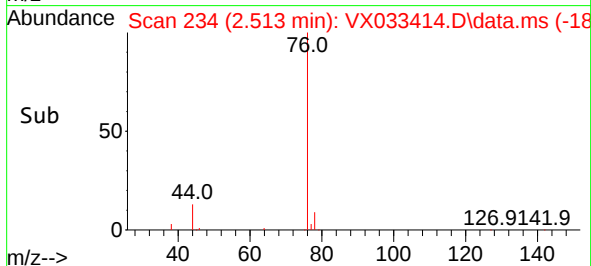
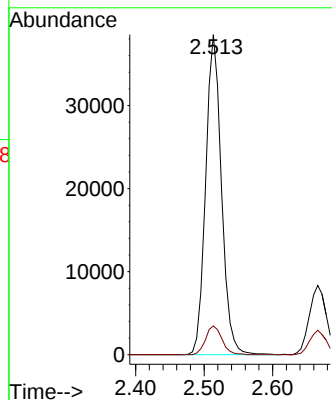
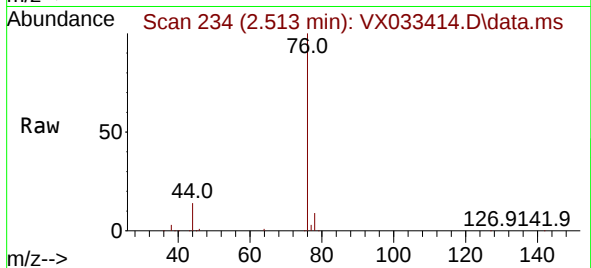
78 9.0 7.5 11.3

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Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#18

Methyl Acetate

Concen: 19.061 ug/l

RT: 2.708 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX033414.D

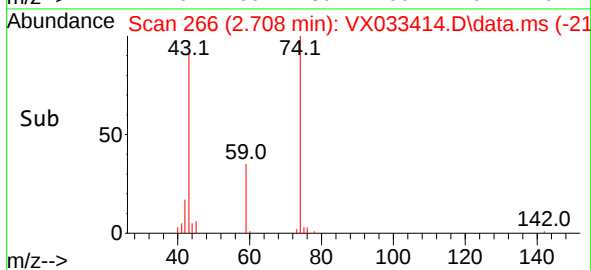
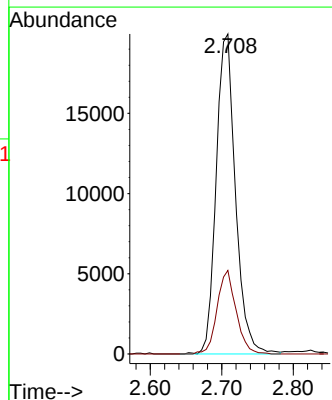
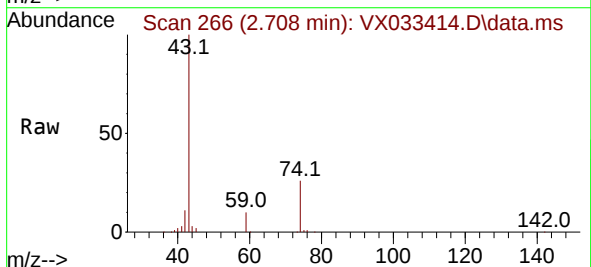
Acq: 14 Dec 2022 12:36

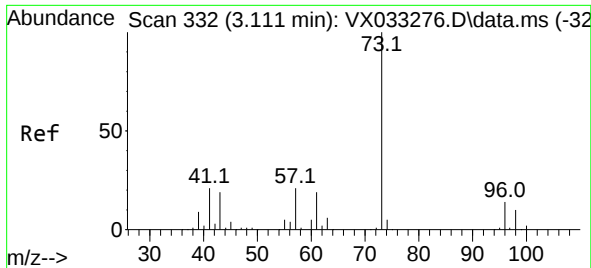
Tgt Ion: 43 Resp: 37322

Ion Ratio Lower Upper

43 100

74 25.7 19.4 29.0





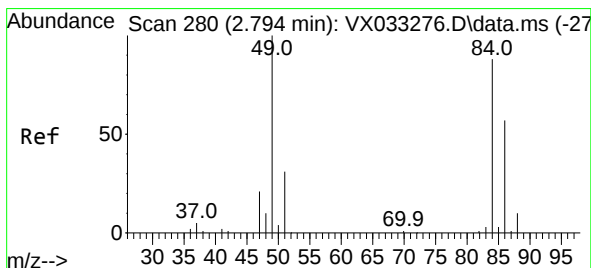
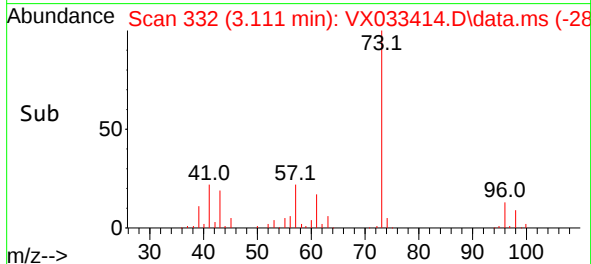
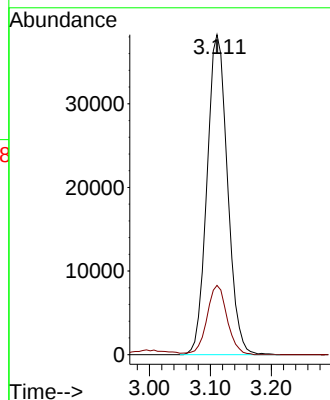
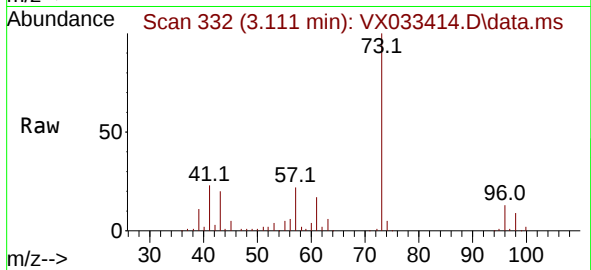
#19
Methyl tert-butyl Ether
Concen: 20.004 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02

Tgt Ion: 73 Resp: 8950
Ion Ratio Lower Upper
73 100
57 21.7 16.6 25.0

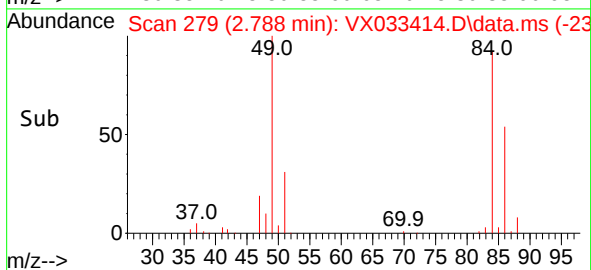
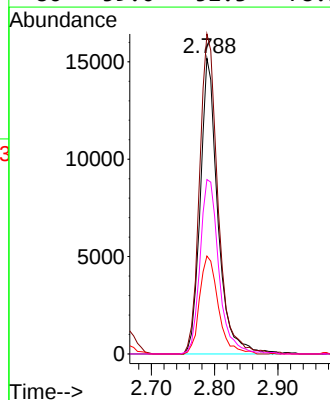
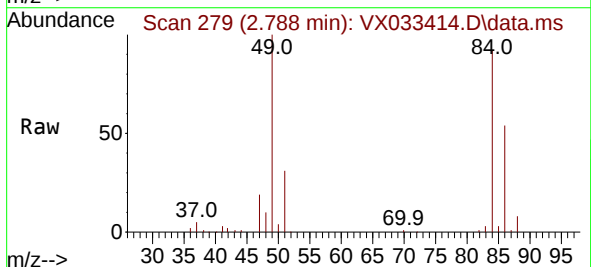
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Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#20
Methylene Chloride
Concen: 19.430 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

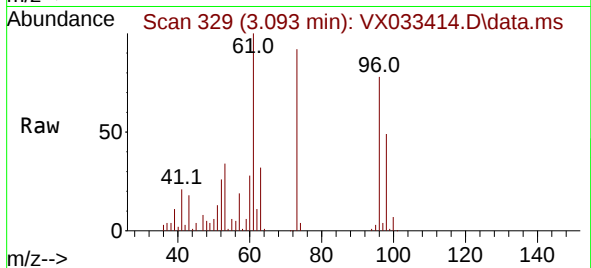
Tgt Ion: 84 Resp: 29309
Ion Ratio Lower Upper
84 100
49 108.2 101.0 151.6
51 33.1 31.1 46.7
86 59.0 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 20.236 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

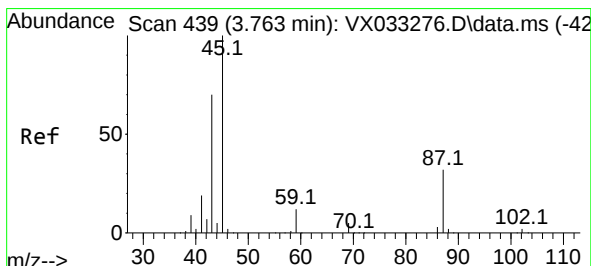
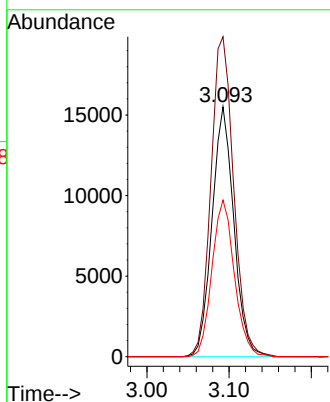
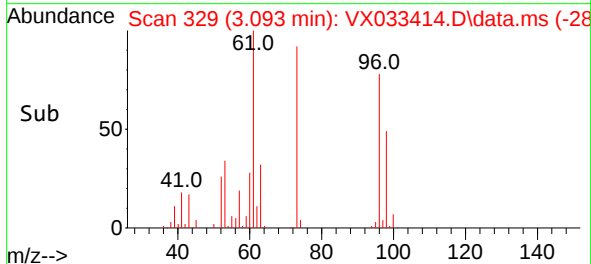
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02



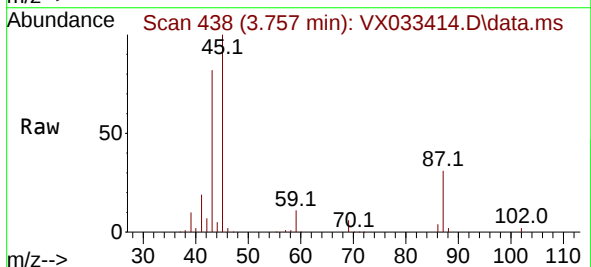
Tgt Ion: 96 Resp: 28594
Ion Ratio Lower Upper
96 100
61 128.1 106.6 160.0
98 62.7 51.0 76.6

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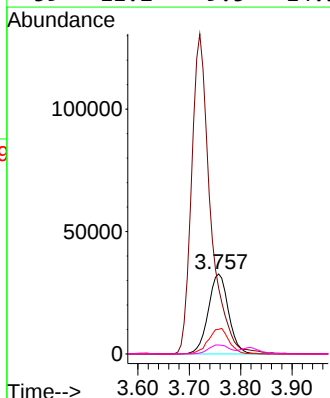
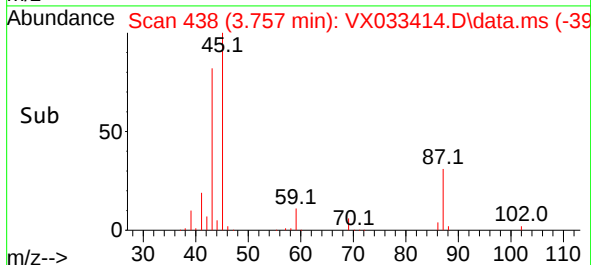
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

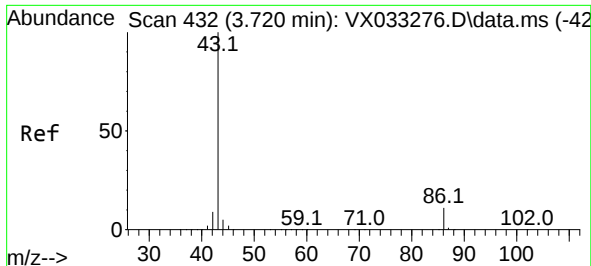


#22
Diisopropyl ether
Concen: 20.203 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36



Tgt Ion: 45 Resp: 89289
Ion Ratio Lower Upper
45 100
43 81.3 56.4 84.6
87 30.9 24.4 36.6
59 11.2 9.5 14.3





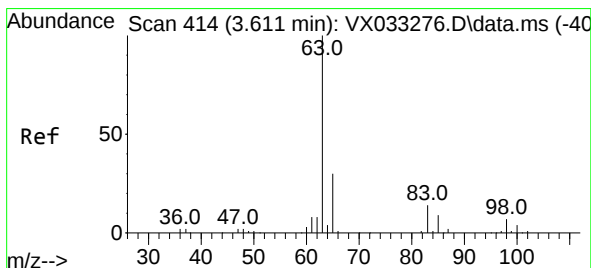
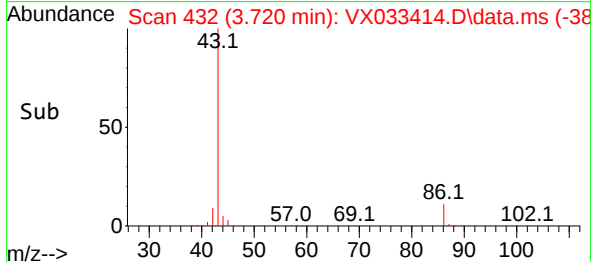
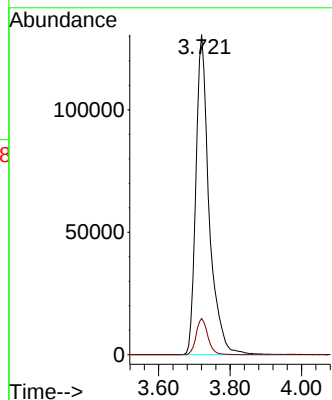
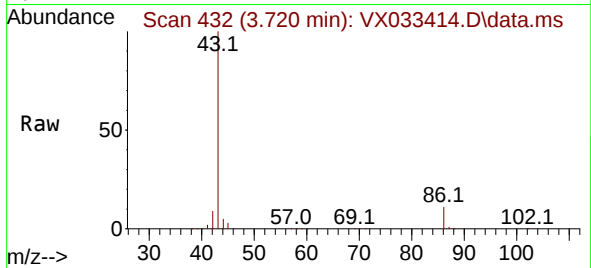
#23
 Vinyl Acetate
 Concen: 97.954 ug/l
 RT: 3.720 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033414.D
 Acq: 14 Dec 2022 12:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBS02

Tgt Ion: 43 Resp: 33602
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.6 12.8

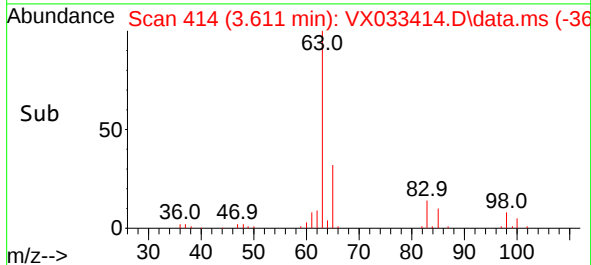
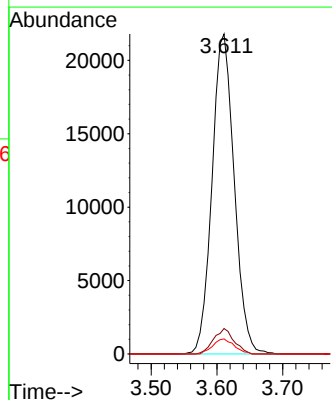
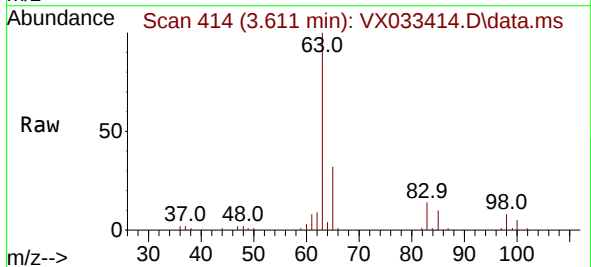
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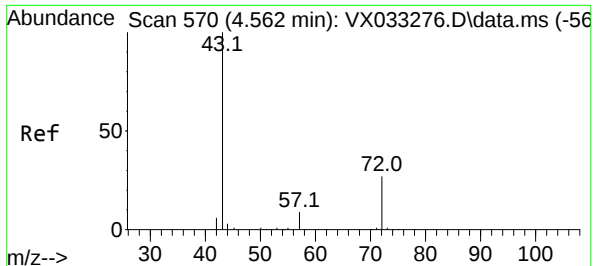
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#24
 1,1-Dichloroethane
 Concen: 19.702 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX033414.D
 Acq: 14 Dec 2022 12:36

Tgt Ion: 63 Resp: 51162
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.4
 100 4.7 2.3 6.8





#25

2-Butanone

Concen: 102.338 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX033414.D

Acq: 14 Dec 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS02

Tgt Ion: 43 Resp: 9936

Ion Ratio Lower Upper

43 100

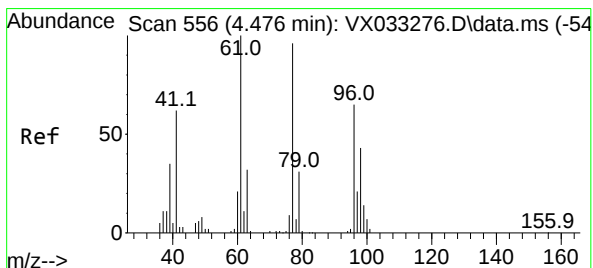
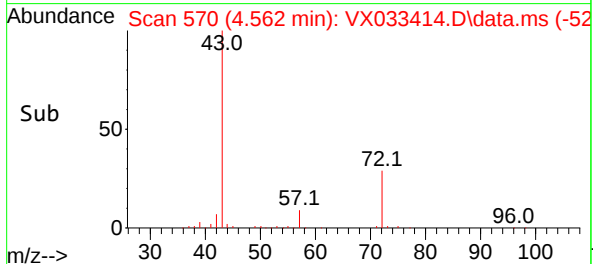
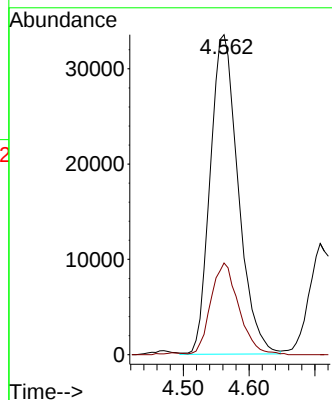
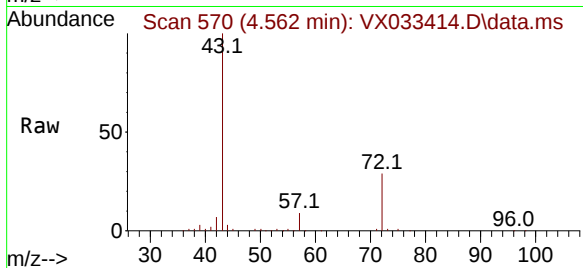
72 28.5 22.2 33.2

Manual Integrations

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Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#26

2,2-Dichloropropane

Concen: 21.083 ug/l

RT: 4.476 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX033414.D

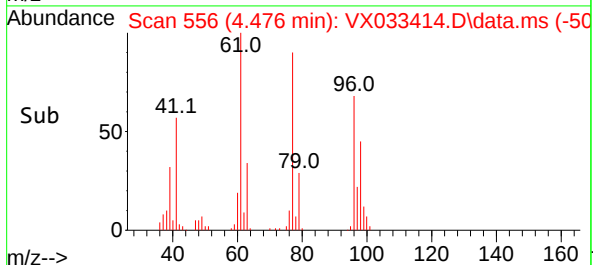
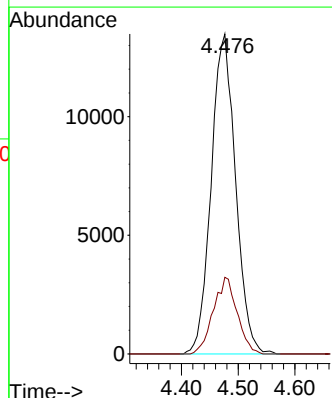
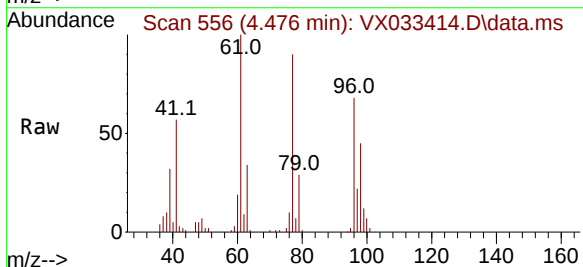
Acq: 14 Dec 2022 12:36

Tgt Ion: 77 Resp: 40261

Ion Ratio Lower Upper

77 100

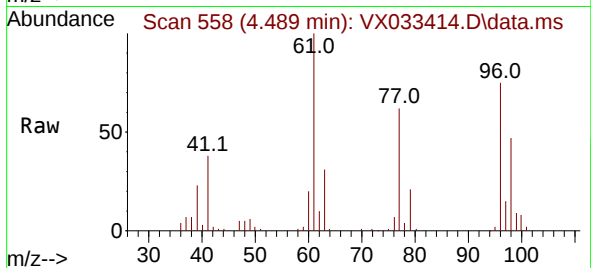
97 23.4 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 20.086 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX033414.D
 Acq: 14 Dec 2022 12:36

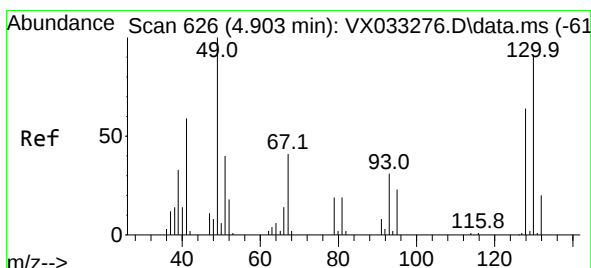
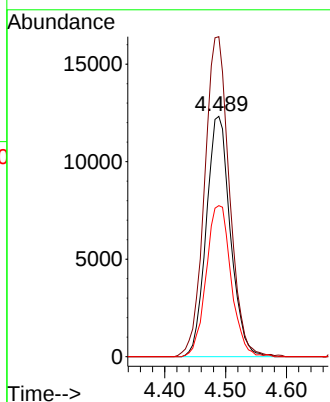
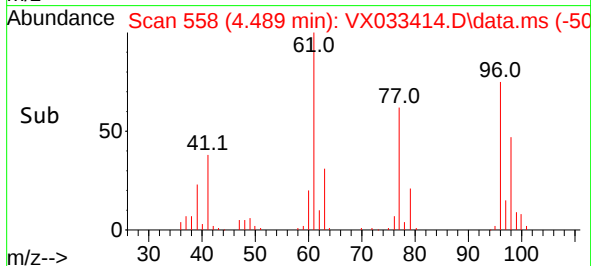
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBS02



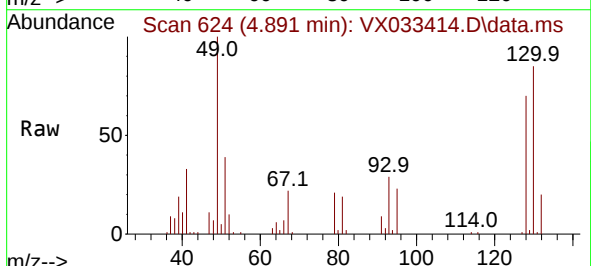
Tgt Ion: 96 Resp: 33919
 Ion Ratio Lower Upper
 96 100
 61 137.2 0.0 286.0
 98 64.9 0.0 129.6

Manual Integrations
 APPROVED

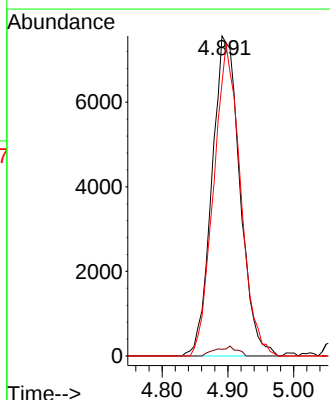
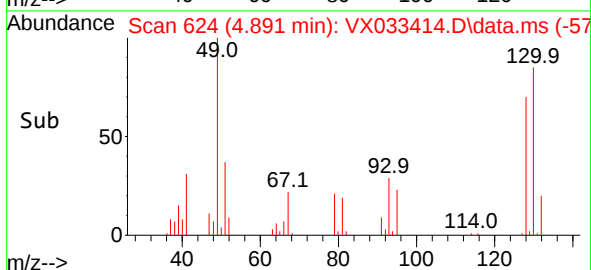
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

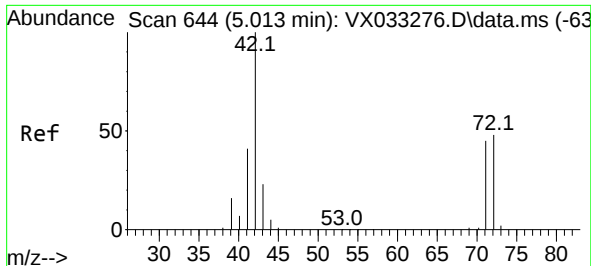


#28
 Bromochloromethane
 Concen: 20.600 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.012 min
 Lab File: VX033414.D
 Acq: 14 Dec 2022 12:36



Tgt Ion: 49 Resp: 22393
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 3.8
 130 93.7 67.5 101.3





#29

Tetrahydrofuran

Concen: 92.876 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX033414.D

Acq: 14 Dec 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS02

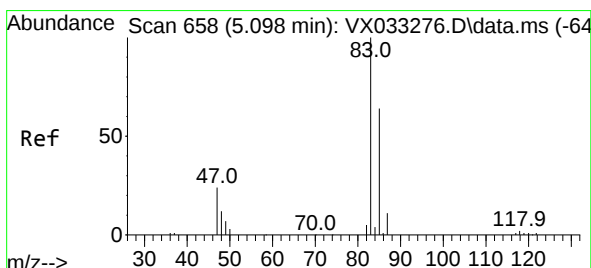
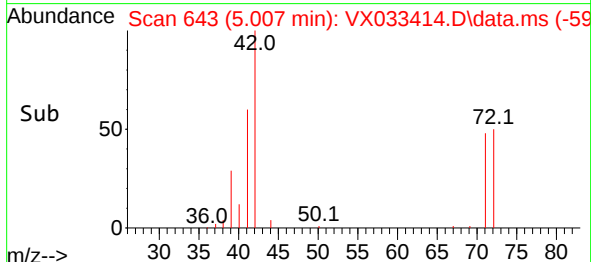
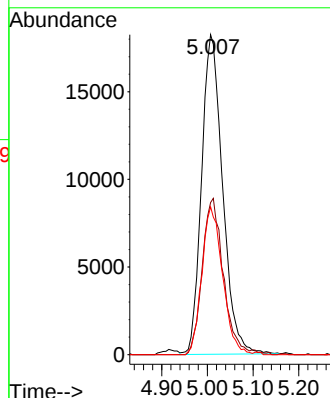
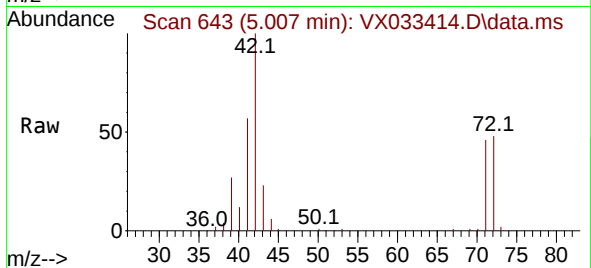
Tgt Ion:	42	Resp:	58424
Ion	Ratio	Lower	Upper
42	100		
72	49.3	37.6	56.4
71	45.5	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#30

Chloroform

Concen: 20.349 ug/l

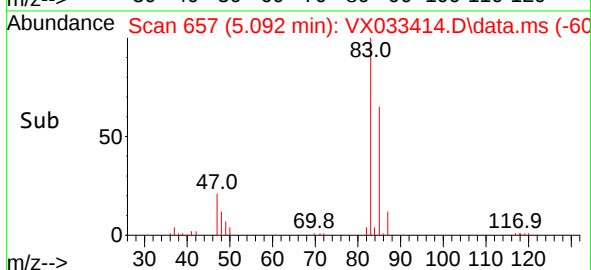
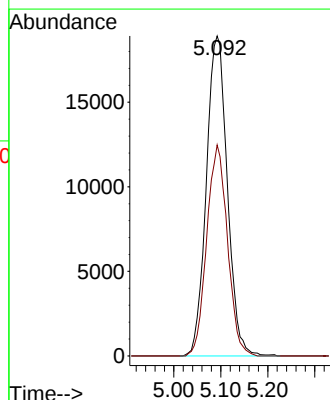
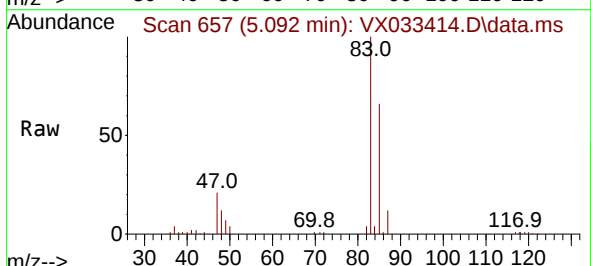
RT: 5.092 min Scan# 657

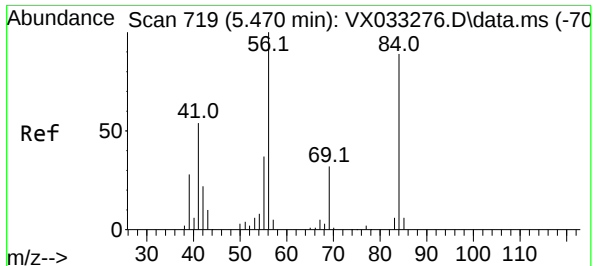
Delta R.T. -0.006 min

Lab File: VX033414.D

Acq: 14 Dec 2022 12:36

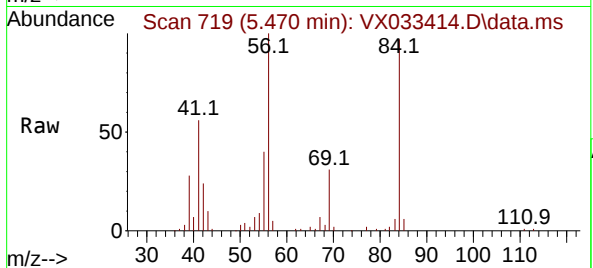
Tgt Ion:	83	Resp:	58664
Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.1	76.7





#31
Cyclohexane
Concen: 20.777 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

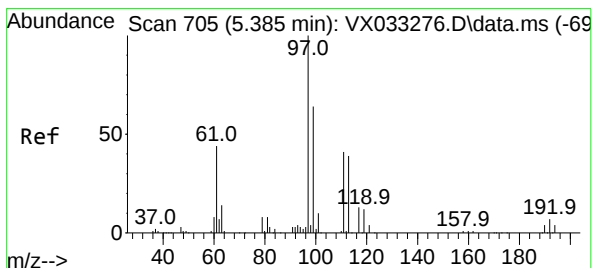
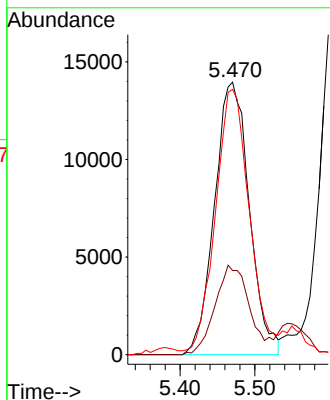
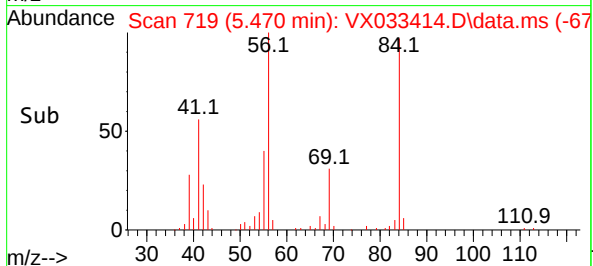
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02



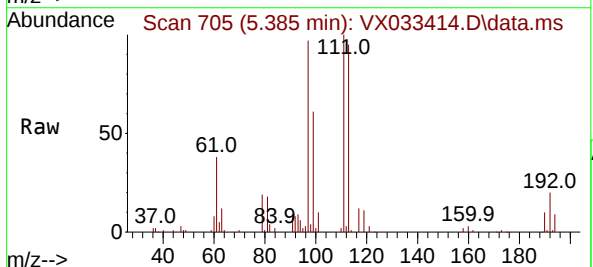
Tgt Ion: 56 Resp: 45130
Ion Ratio Lower Upper
56 100
69 30.9 24.1 36.1
84 95.9 66.9 100.3

Manual Integrations
APPROVED

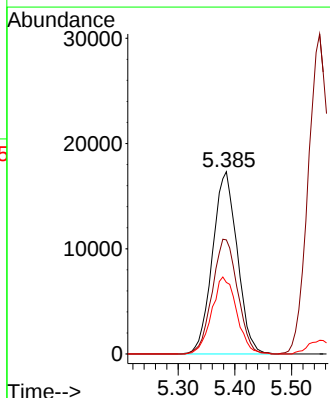
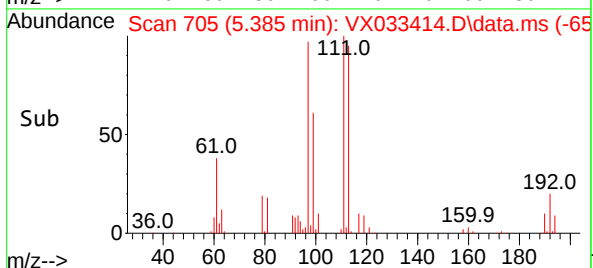
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

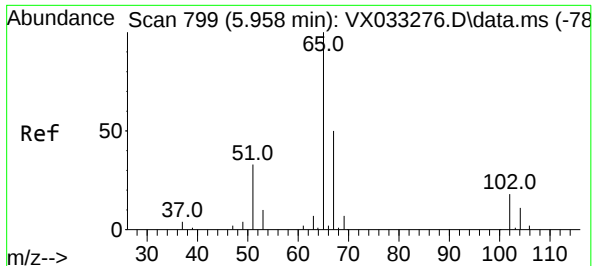


#32
1,1,1-Trichloroethane
Concen: 21.184 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36



Tgt Ion: 97 Resp: 52545
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.0
61 42.5 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 47.399 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033414.D

Acq: 14 Dec 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS02

Tgt Ion: 65 Resp: 43320

Ion Ratio Lower Upper

65 100

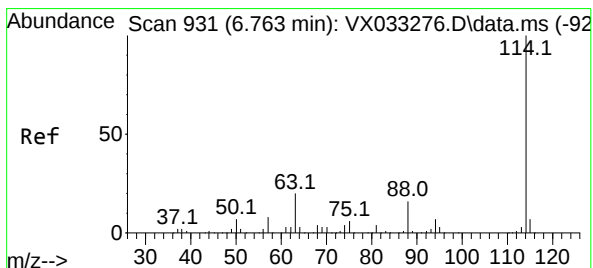
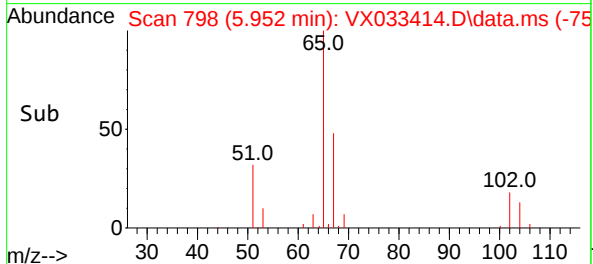
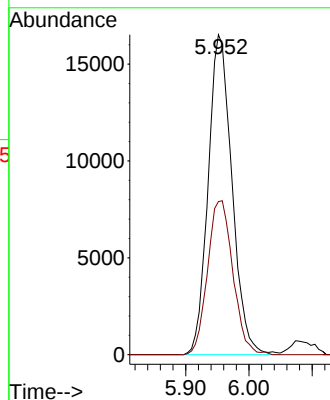
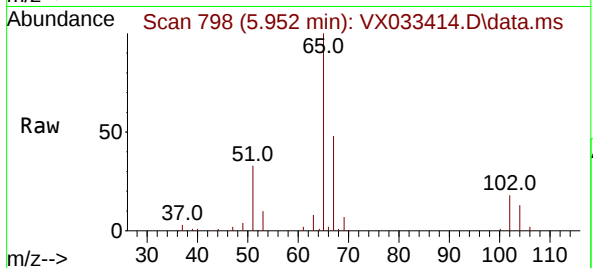
67 51.0 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033414.D

Acq: 14 Dec 2022 12:36

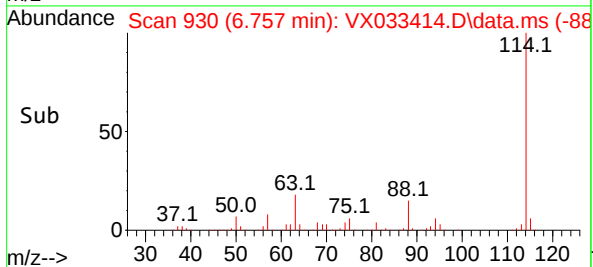
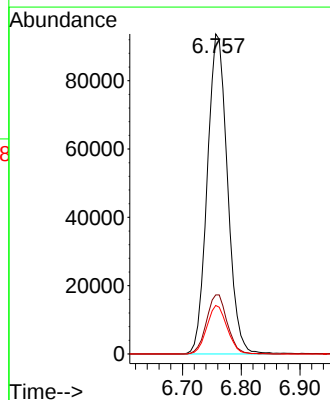
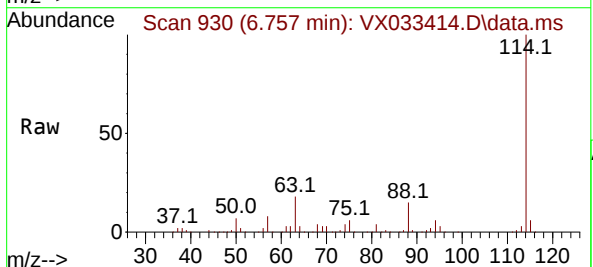
Tgt Ion:114 Resp: 223959

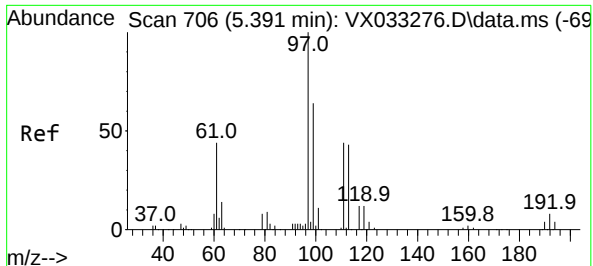
Ion Ratio Lower Upper

114 100

63 18.5 0.0 41.6

88 15.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.429 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX033414.D

Acq: 14 Dec 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS02

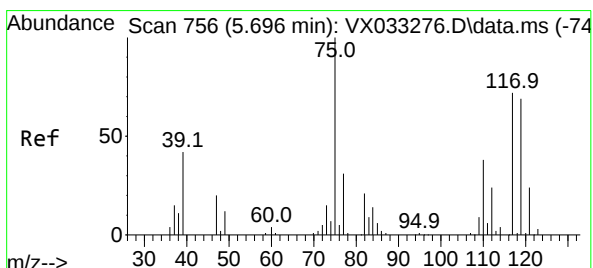
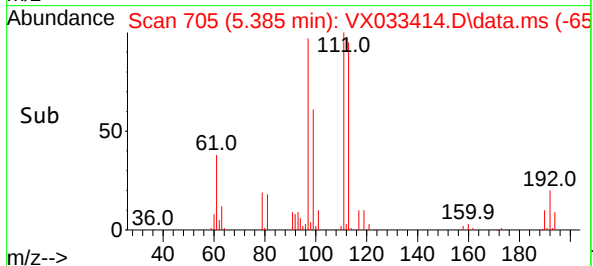
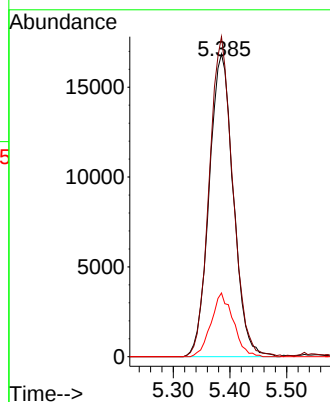
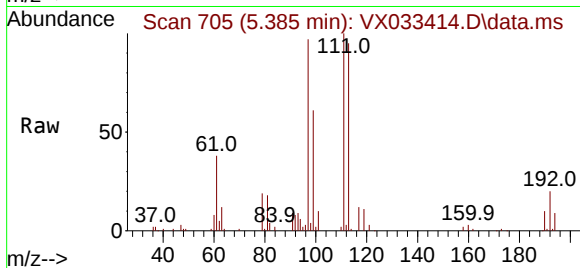
Tgt Ion:	113	Resp:	4979
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.4	123.6
192	19.4	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#36

1,1-Dichloropropene

Concen: 21.282 ug/l

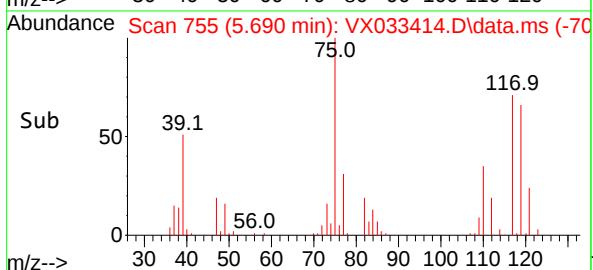
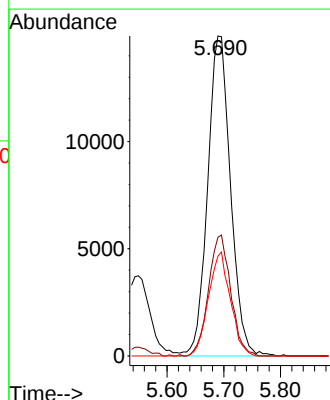
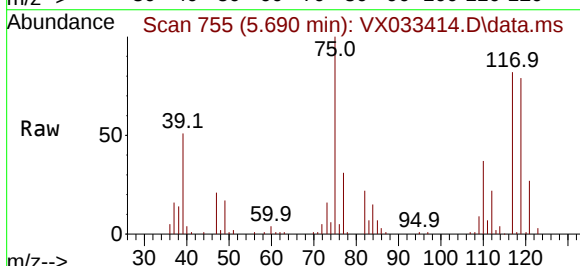
RT: 5.690 min Scan# 755

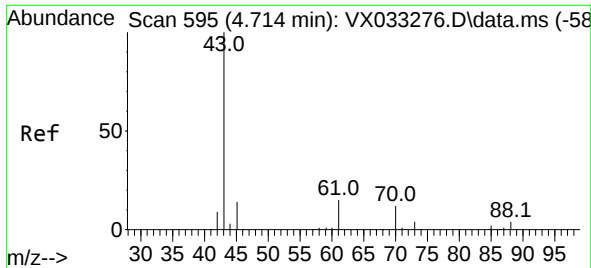
Delta R.T. -0.006 min

Lab File: VX033414.D

Acq: 14 Dec 2022 12:36

Tgt Ion:	75	Resp:	41796
Ion	Ratio	Lower	Upper
75	100		
110	36.7	18.4	55.2
77	31.0	24.5	36.7





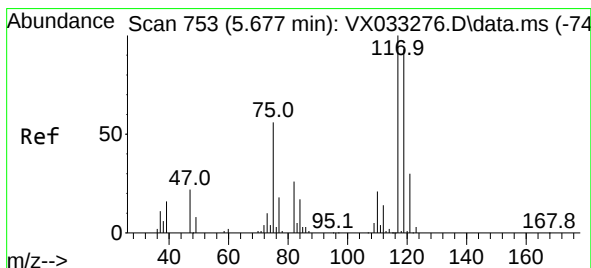
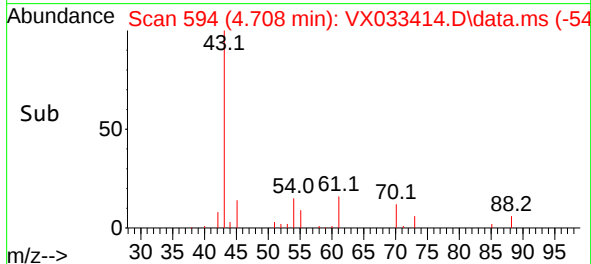
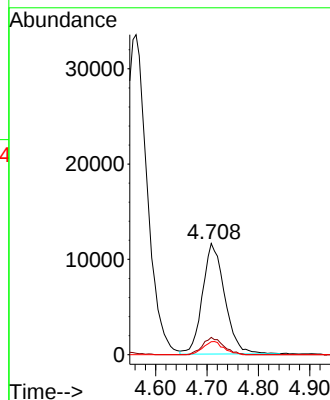
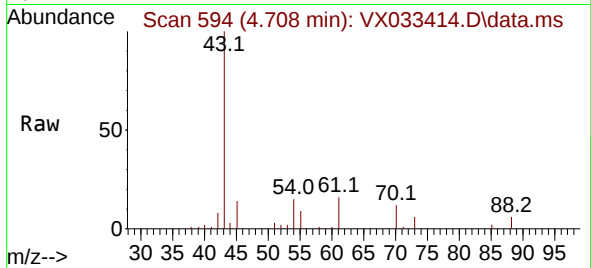
#37
Ethyl Acetate
Concen: 18.811 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02

Tgt Ion: 43 Resp: 3492
Ion Ratio Lower Upper
43 100
61 14.5 11.5 17.3
70 11.0 9.1 13.7

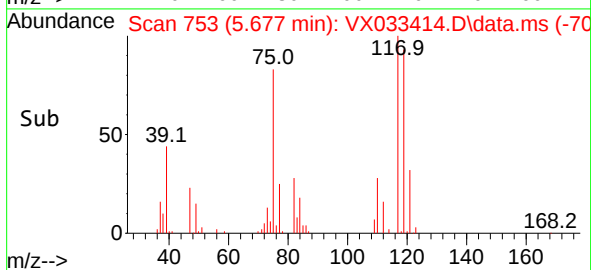
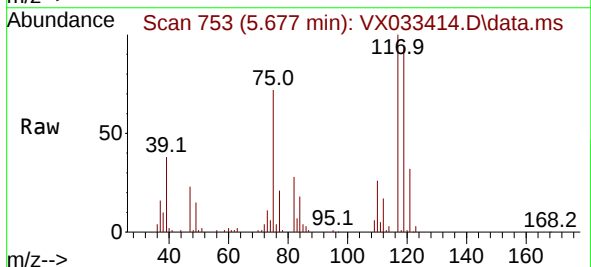
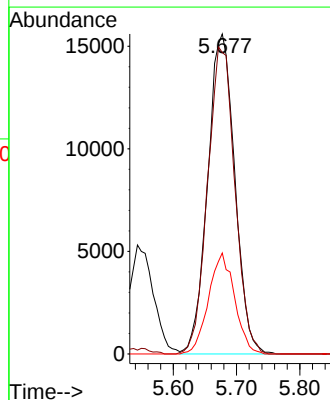
Manual Integrations
APPROVED

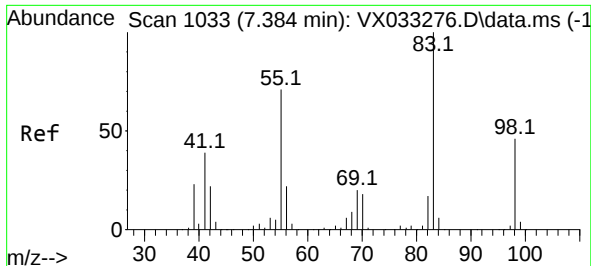
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#38
Carbon Tetrachloride
Concen: 21.125 ug/l
RT: 5.677 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

Tgt Ion:117 Resp: 46483
Ion Ratio Lower Upper
117 100
119 94.2 77.2 115.8
121 31.6 25.8 38.6





#39

Methylcyclohexane

Concen: 22.751 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX033414.D

Acq: 14 Dec 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS02

Tgt Ion: 83 Resp: 5001

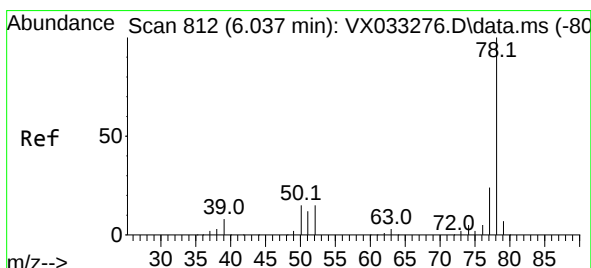
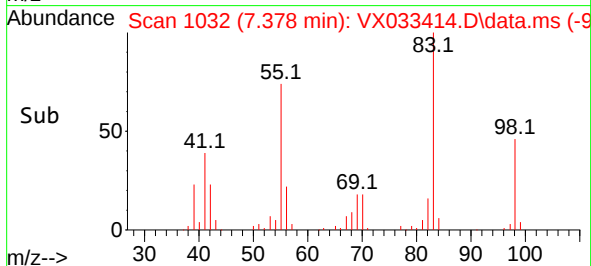
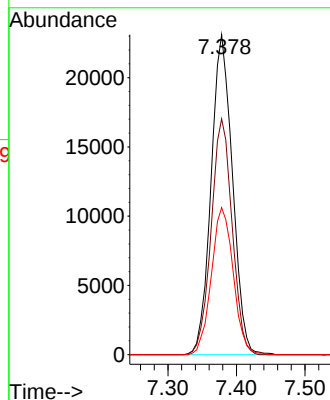
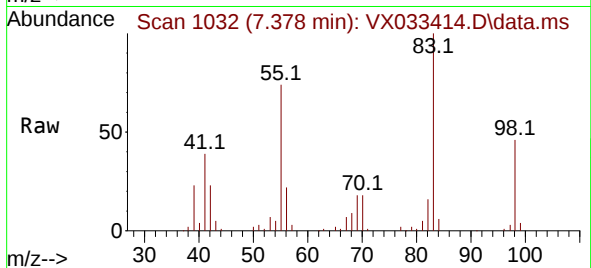
Ion	Ratio	Lower	Upper
83	100		
55	73.7	58.4	87.6
98	45.9	37.2	55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#40

Benzene

Concen: 20.922 ug/l

RT: 6.037 min Scan# 812

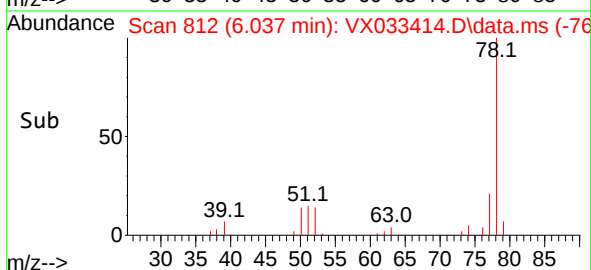
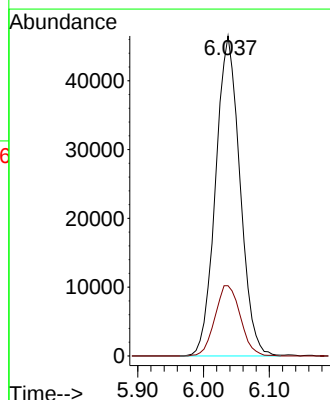
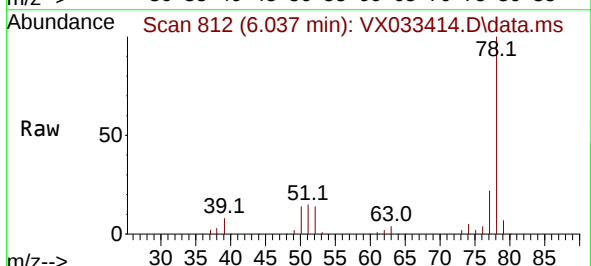
Delta R.T. 0.000 min

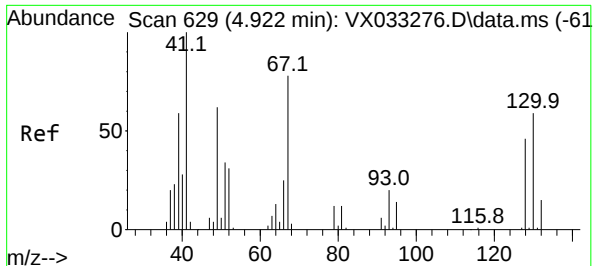
Lab File: VX033414.D

Acq: 14 Dec 2022 12:36

Tgt Ion: 78 Resp: 119802

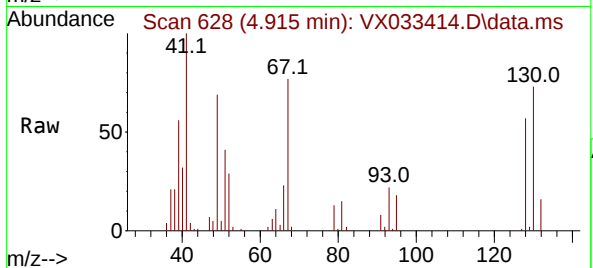
Ion	Ratio	Lower	Upper
78	100		
77	21.9	19.0	28.4





#41
Methacrylonitrile
Concen: 19.104 ug/l
RT: 4.915 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

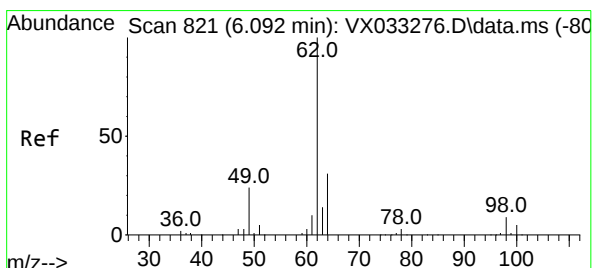
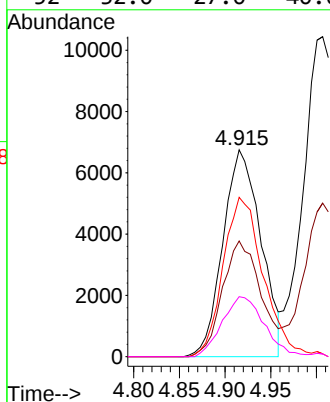
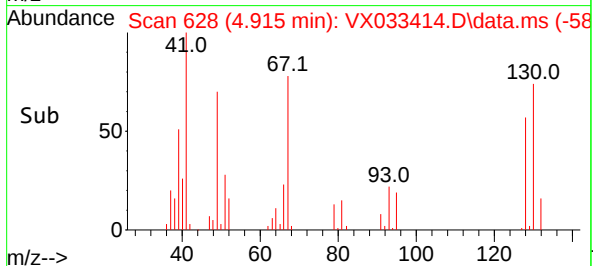
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02



Tgt Ion: 41 Resp: 19544
Ion Ratio Lower Upper
41 100
39 56.4 47.5 71.3
67 81.7 60.5 90.7
52 32.0 27.0 40.6

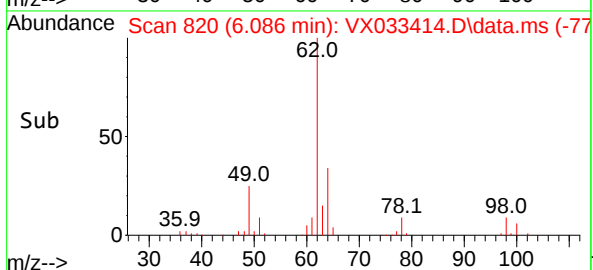
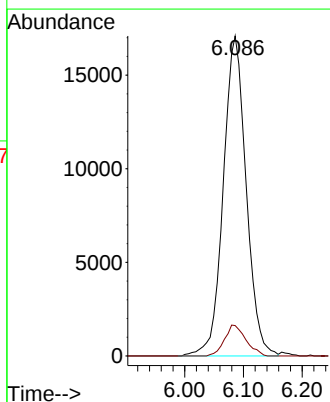
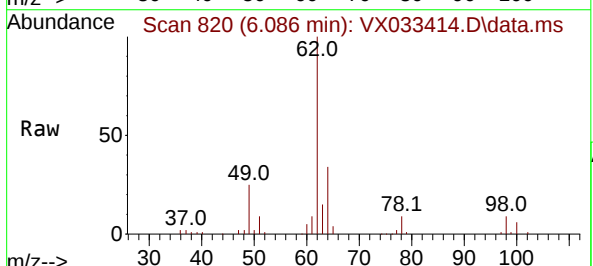
Manual Integrations
APPROVED

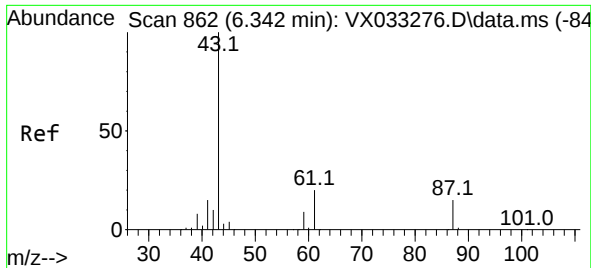
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#42
1,2-Dichloroethane
Concen: 20.339 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

Tgt Ion: 62 Resp: 46248
Ion Ratio Lower Upper
62 100
98 9.0 0.0 16.0





#43

Isopropyl Acetate

Concen: 19.941 ug/l

RT: 6.336 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX033414.D

Acq: 14 Dec 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS02

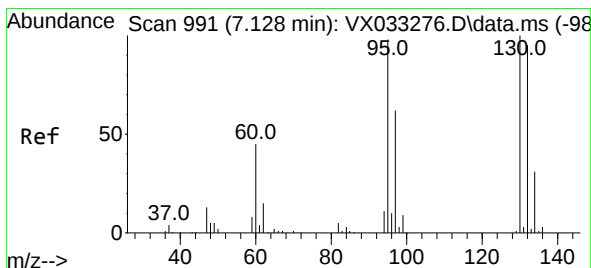
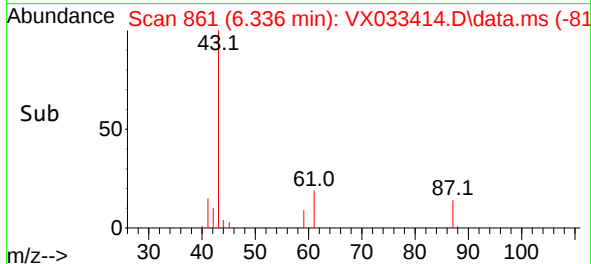
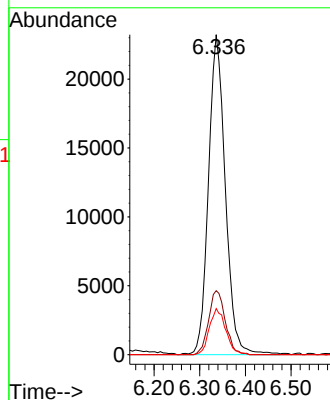
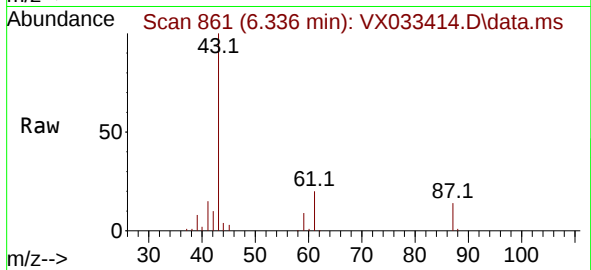
Tgt Ion: 43	Resp: 5956
Ion Ratio	Lower Upper
43	100
61	19.8 15.4 23.0
87	14.0 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#44

Trichloroethene

Concen: 21.821 ug/l

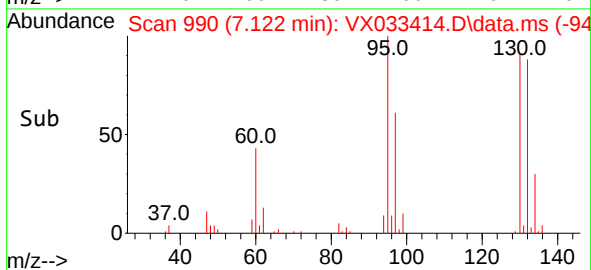
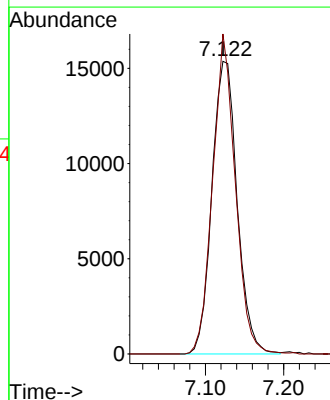
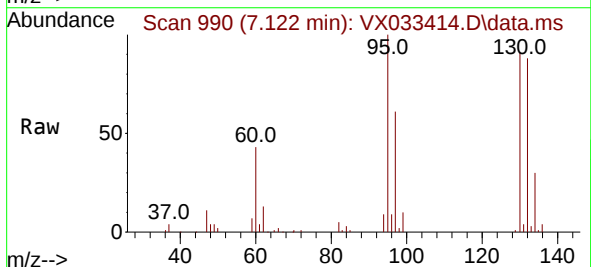
RT: 7.122 min Scan# 990

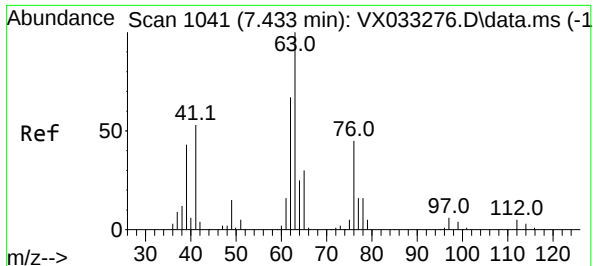
Delta R.T. -0.006 min

Lab File: VX033414.D

Acq: 14 Dec 2022 12:36

Tgt Ion:130	Resp: 34450
Ion Ratio	Lower Upper
130	100
95	109.3 0.0 195.2





#45

1,2-Dichloropropane

Concen: 20.717 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX033414.D

Acq: 14 Dec 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS02

Tgt Ion: 63 Resp: 30339

Ion Ratio Lower Upper

63 100

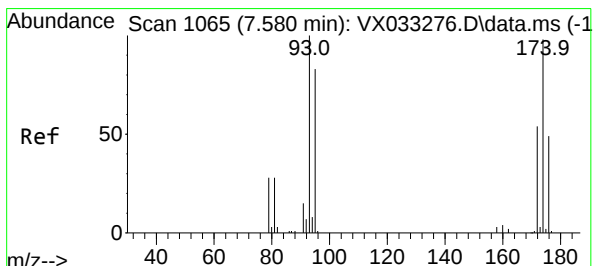
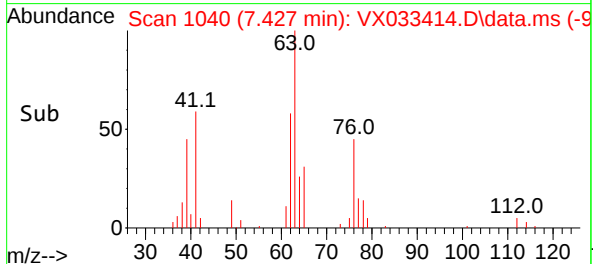
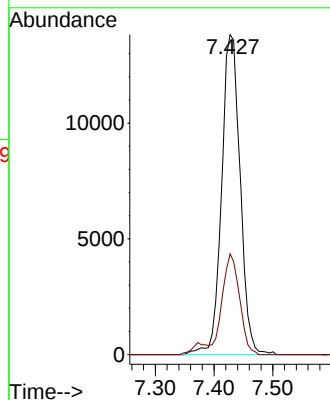
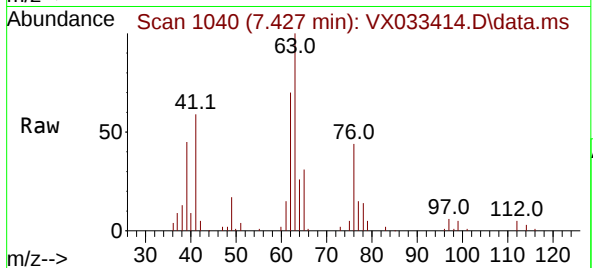
65 31.5 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#46

Dibromomethane

Concen: 20.789 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033414.D

Acq: 14 Dec 2022 12:36

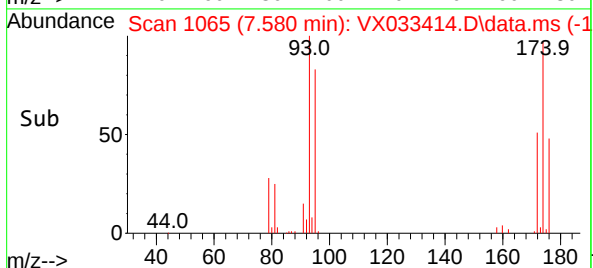
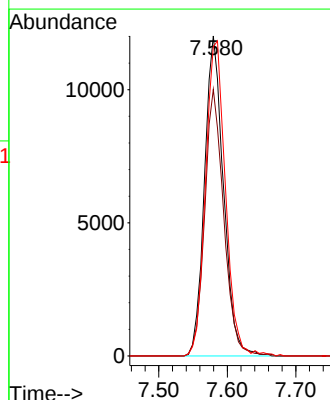
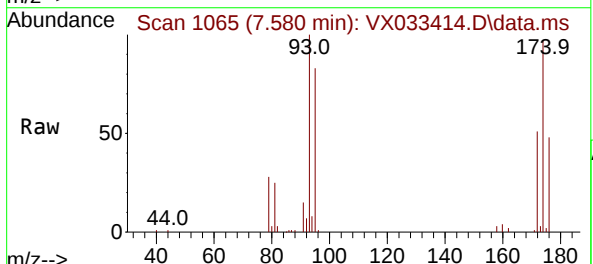
Tgt Ion: 93 Resp: 23192

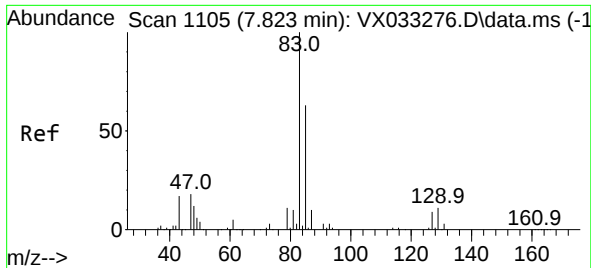
Ion Ratio Lower Upper

93 100

95 83.6 65.8 98.8

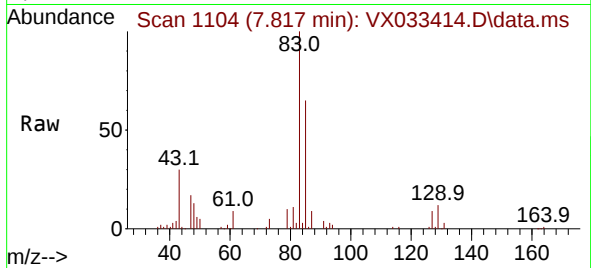
174 103.4 79.8 119.6





#47
Bromodichloromethane
Concen: 20.959 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

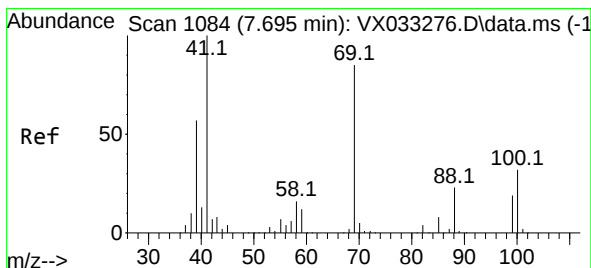
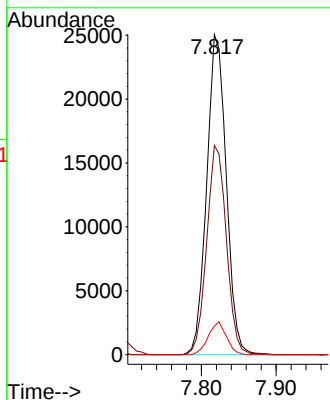
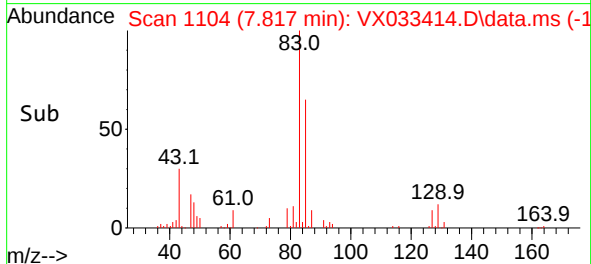
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02



Tgt Ion: 83 Resp: 45578
Ion Ratio Lower Upper
83 100
85 65.4 52.2 78.4
127 8.9 7.4 11.2

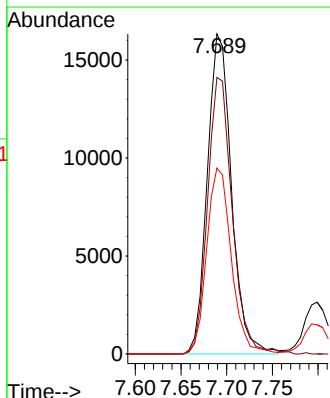
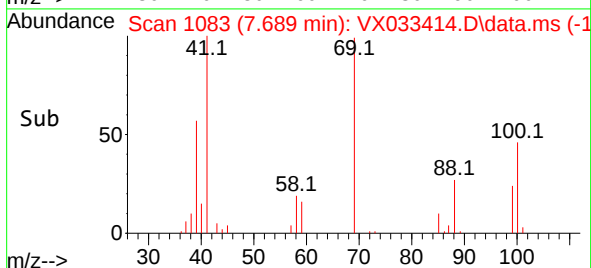
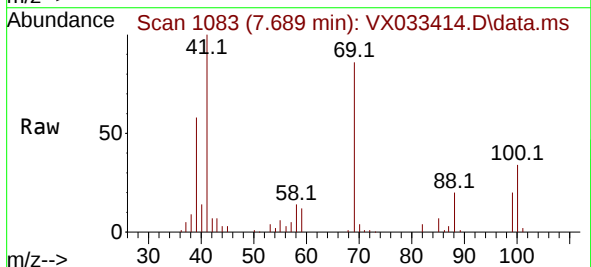
Manual Integrations
APPROVED

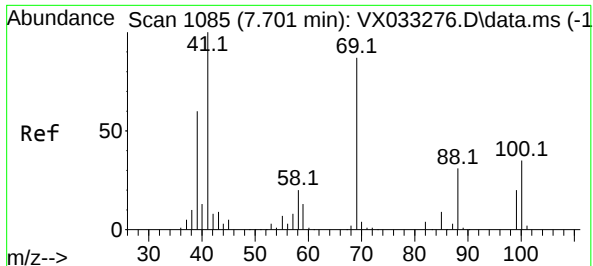
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#48
Methyl methacrylate
Concen: 19.490 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

Tgt Ion: 41 Resp: 30047
Ion Ratio Lower Upper
41 100
69 87.8 65.1 97.7
39 59.2 51.9 77.9





#49

1,4-Dioxane

Concen: 400.831 ug/l

RT: 7.708 min Scan# 1085

Delta R.T. 0.006 min

Lab File: VX033414.D

Acq: 14 Dec 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS02

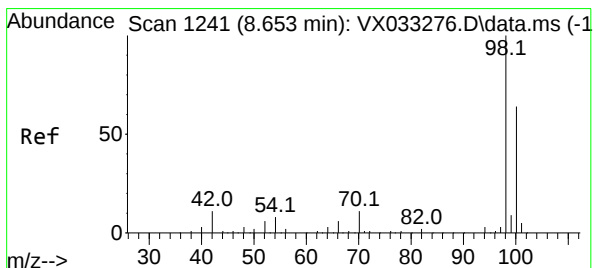
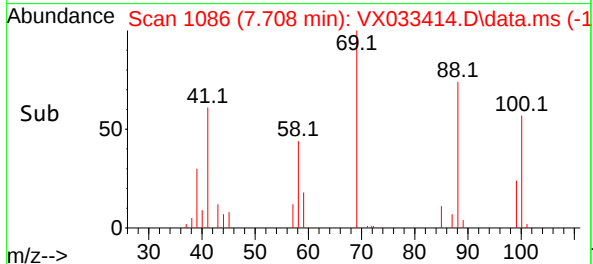
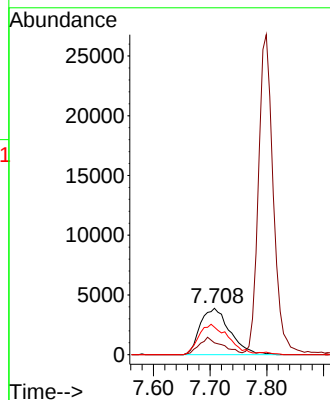
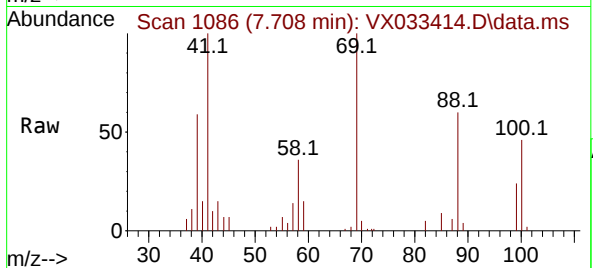
Tgt Ion: 88 Resp: 1409
 Ion Ratio Lower Upper
 88 100
 43 29.5 26.6 39.8
 58 65.1 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#50

Toluene-d8

Concen: 52.357 ug/l

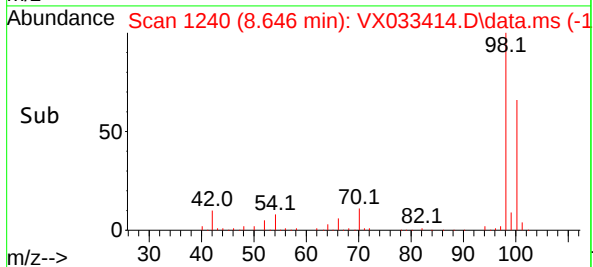
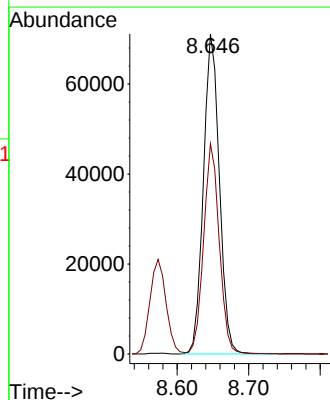
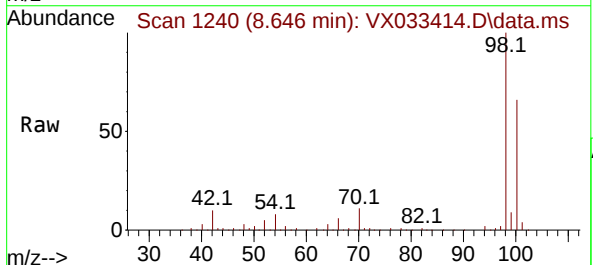
RT: 8.646 min Scan# 1240

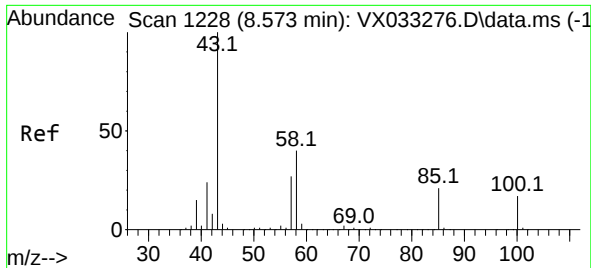
Delta R.T. -0.006 min

Lab File: VX033414.D

Acq: 14 Dec 2022 12:36

Tgt Ion: 98 Resp: 110331
 Ion Ratio Lower Upper
 98 100
 100 64.6 50.9 76.3





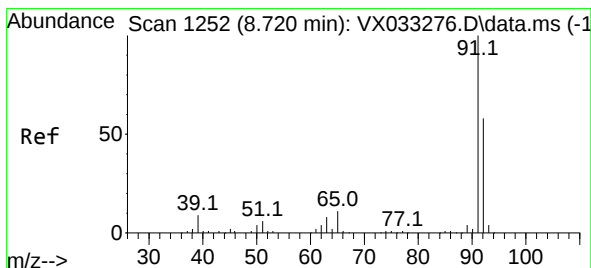
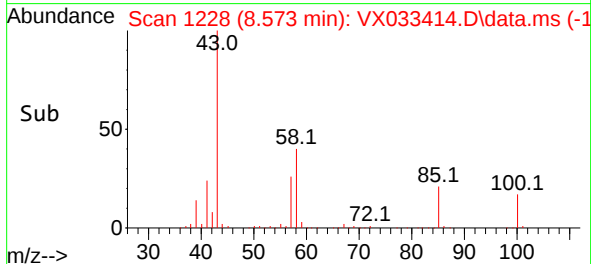
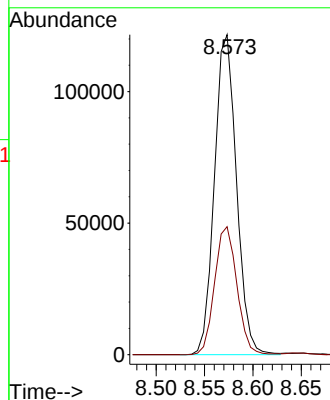
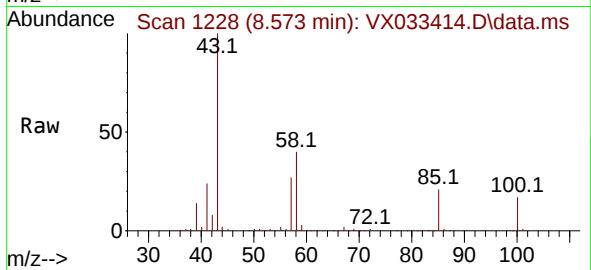
#51
4-Methyl-2-Pentanone
Concen: 101.919 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02

Tgt Ion: 43 Resp: 192524
Ion Ratio Lower Upper
43 100
58 40.5 30.9 46.3

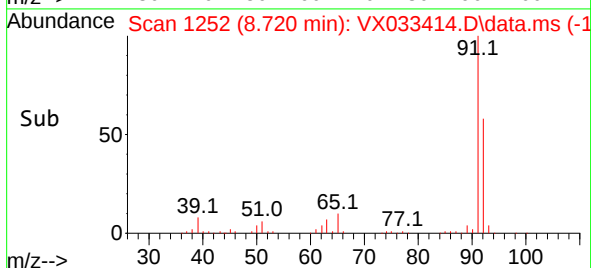
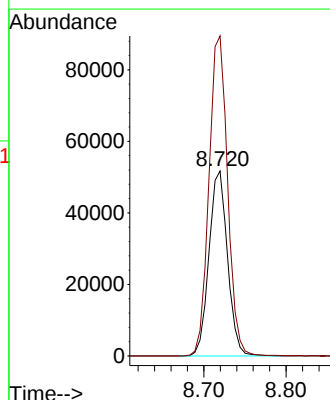
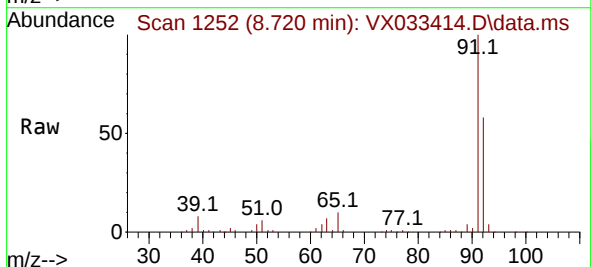
Manual Integrations
APPROVED

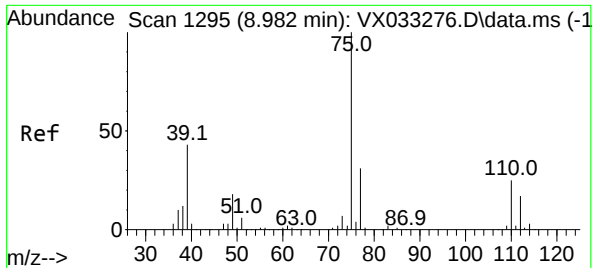
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#52
Toluene
Concen: 21.922 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

Tgt Ion: 92 Resp: 81162
Ion Ratio Lower Upper
92 100
91 174.0 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 20.620 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX033414.D

Acq: 14 Dec 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS02

Tgt Ion: 75 Resp: 44550

Ion Ratio Lower Upper

75 100

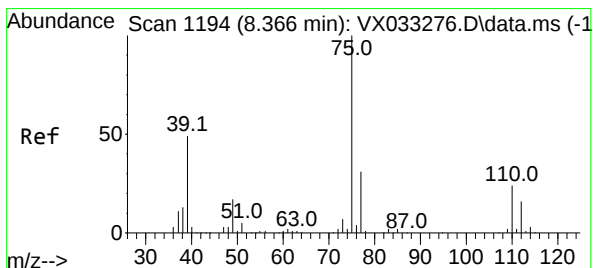
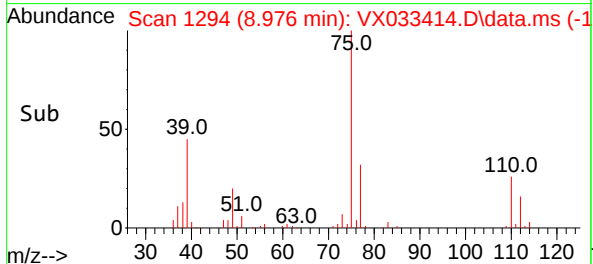
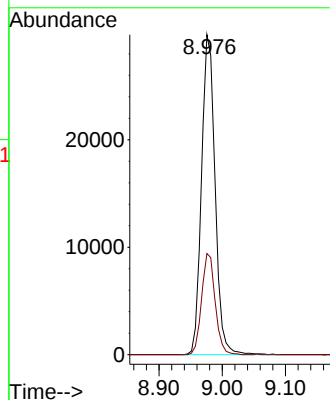
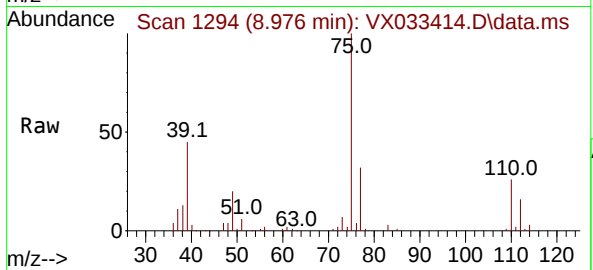
77 31.6 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#54

cis-1,3-Dichloropropene

Concen: 20.884 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033414.D

Acq: 14 Dec 2022 12:36

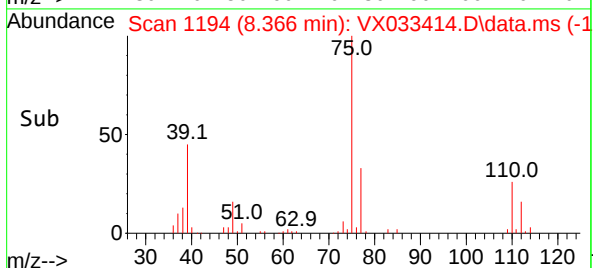
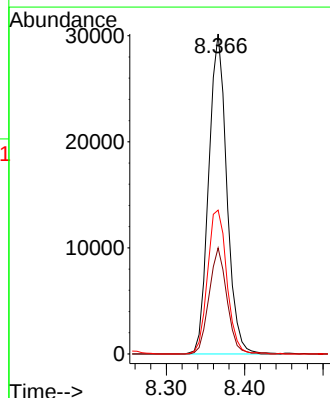
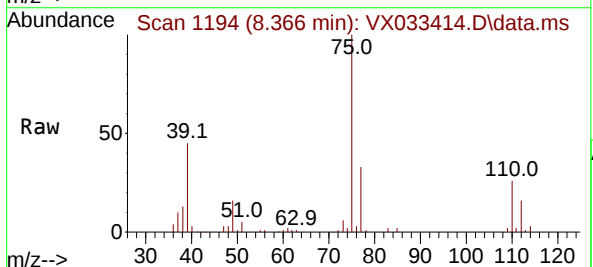
Tgt Ion: 75 Resp: 48327

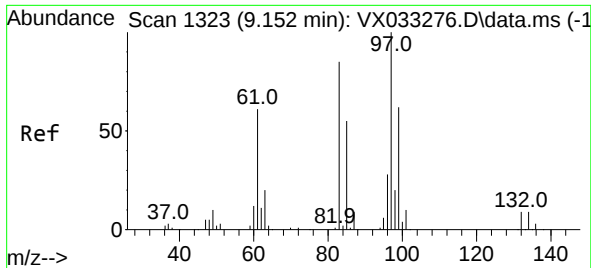
Ion Ratio Lower Upper

75 100

77 33.1 25.1 37.7

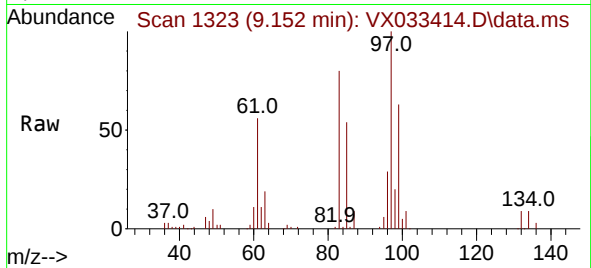
39 45.0 45.5 68.3#





#55
1,1,2-Trichloroethane
Concen: 21.523 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02

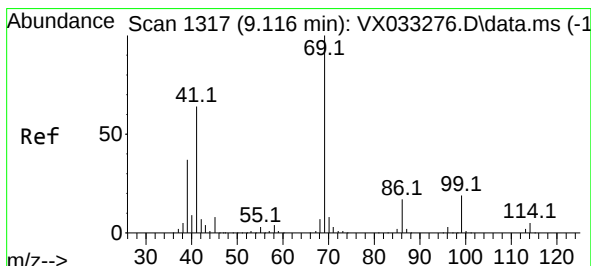
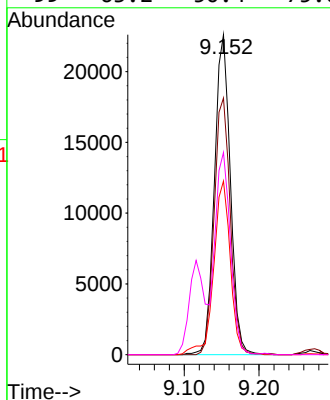
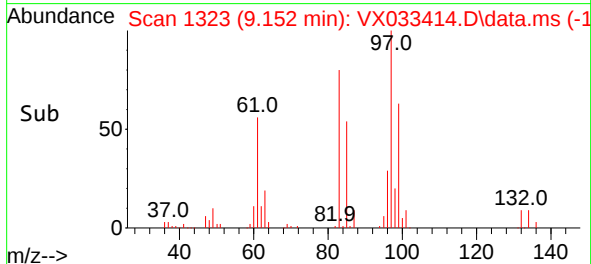


Tgt Ion: 97 Resp: 33490

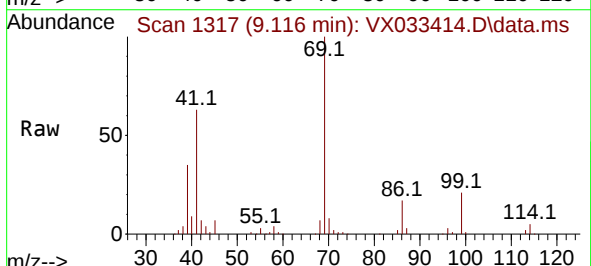
Ion	Ratio	Lower	Upper
97	100		
83	80.2	68.1	102.1
85	54.3	43.3	64.9
99	63.2	50.4	75.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

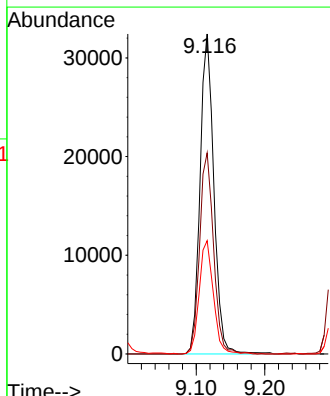
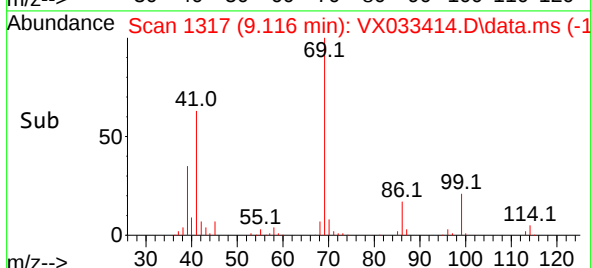


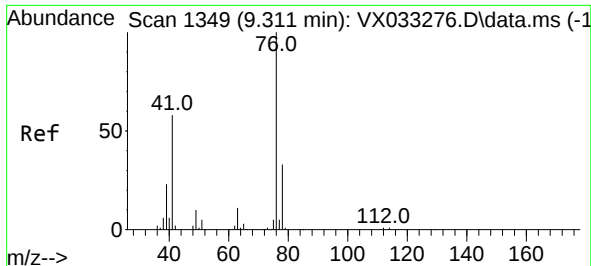
#56
Ethyl methacrylate
Concen: 20.707 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36



Tgt Ion: 69 Resp: 45373

Ion	Ratio	Lower	Upper
69	100		
41	64.0	54.3	81.5
39	36.4	35.2	52.8





#57

1,3-Dichloropropane

Concen: 21.186 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033414.D

Acq: 14 Dec 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS02

Tgt Ion: 76 Resp: 5296

Ion Ratio Lower Upper

76 100

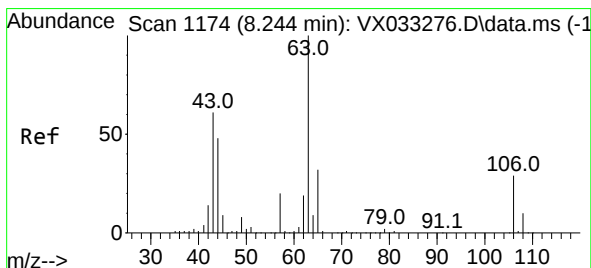
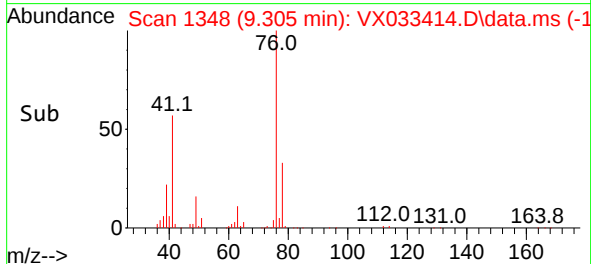
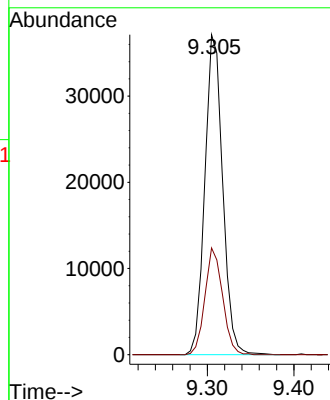
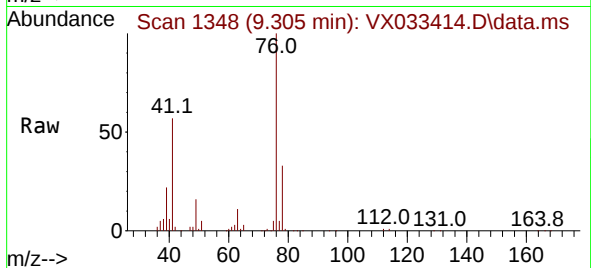
78 33.0 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 80.763 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX033414.D

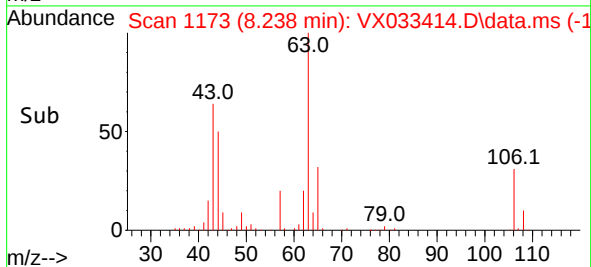
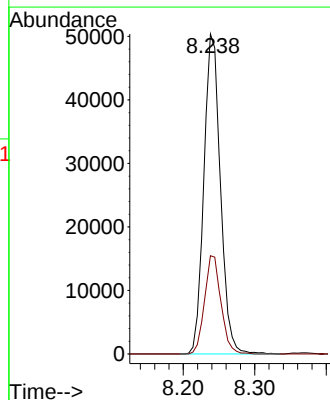
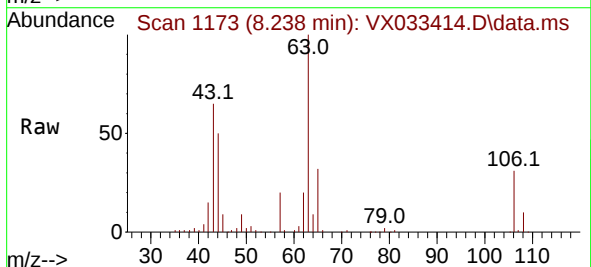
Acq: 14 Dec 2022 12:36

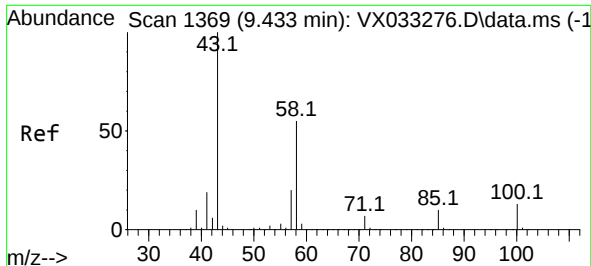
Tgt Ion: 63 Resp: 80974

Ion Ratio Lower Upper

63 100

106 30.4 23.3 34.9





#59

2-Hexanone

Concen: 106.785 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX033414.D

Acq: 14 Dec 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS02

Tgt Ion: 43 Resp: 148652

Ion Ratio Lower Upper

43 100

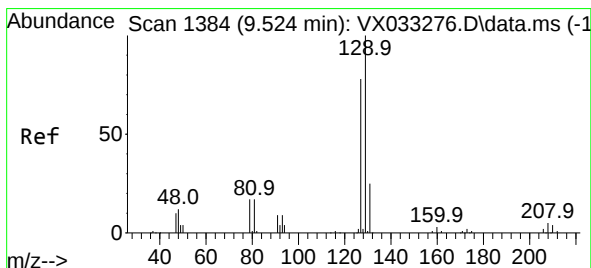
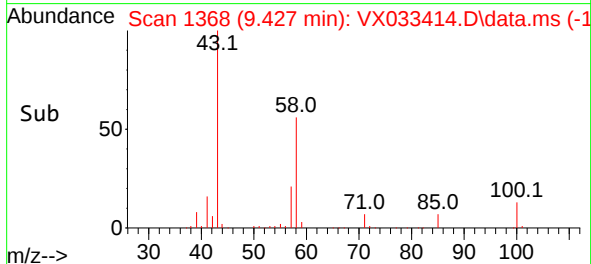
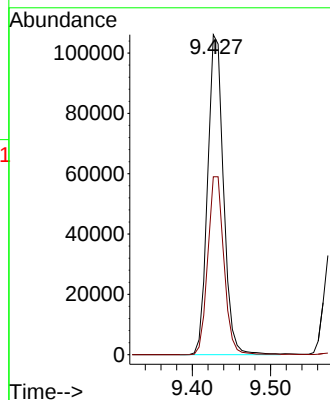
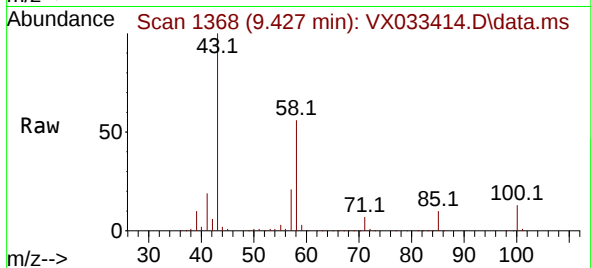
58 56.6 26.5 79.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#60

Dibromochloromethane

Concen: 21.085 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX033414.D

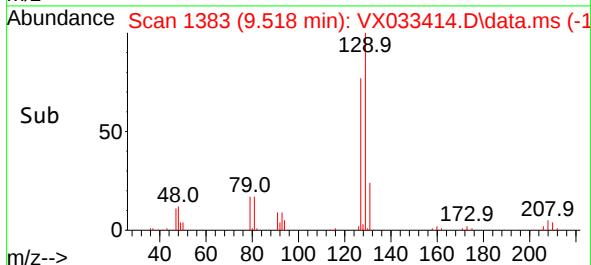
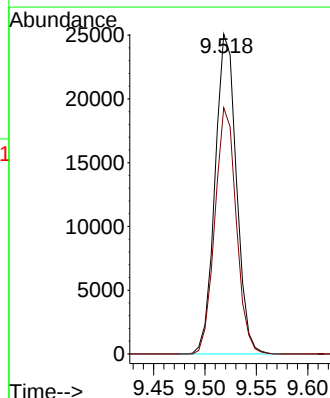
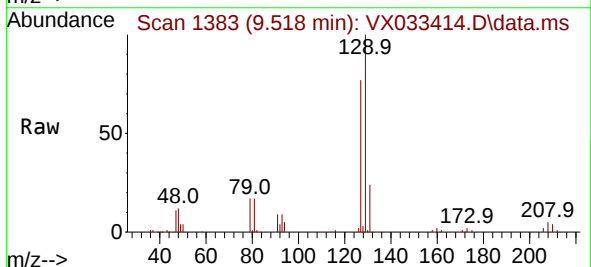
Acq: 14 Dec 2022 12:36

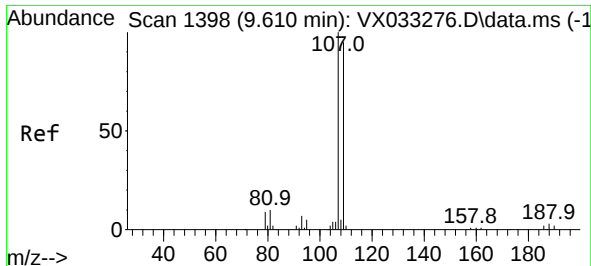
Tgt Ion:129 Resp: 36154

Ion Ratio Lower Upper

129 100

127 76.9 38.6 115.8





#61

1,2-Dibromoethane

Concen: 21.343 ug/l

RT: 9.610 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033414.D

Acq: 14 Dec 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS02

Tgt Ion:107 Resp: 3533

Ion Ratio Lower Upper

107 100

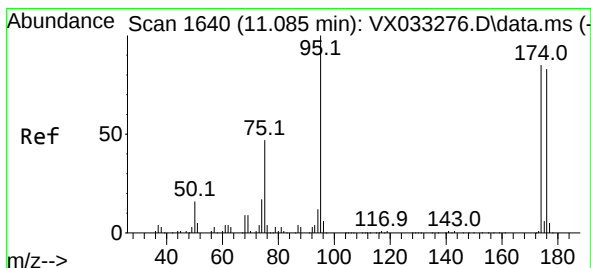
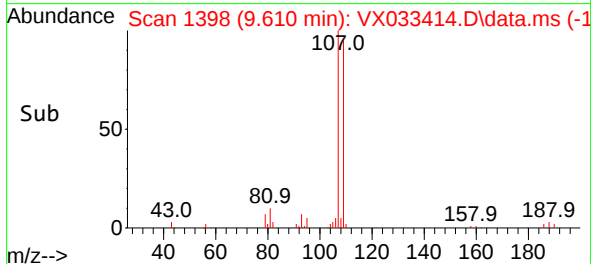
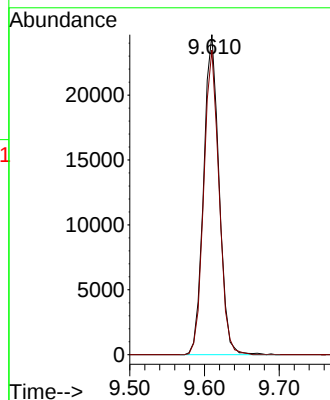
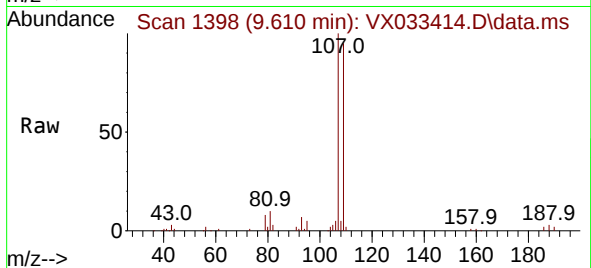
109 94.1 76.0 114.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#62

4-Bromofluorobenzene

Concen: 55.527 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX033414.D

Acq: 14 Dec 2022 12:36

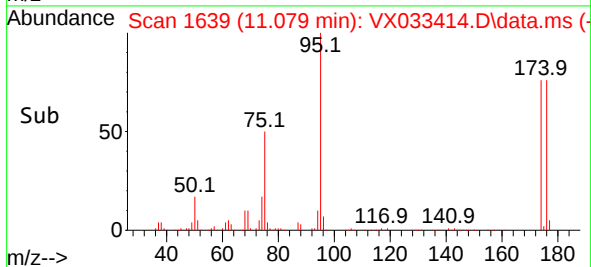
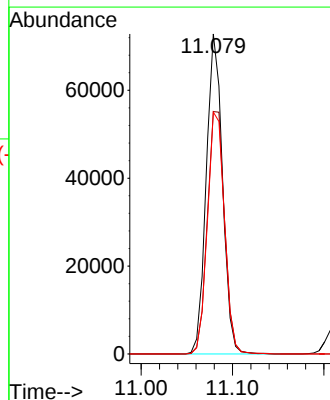
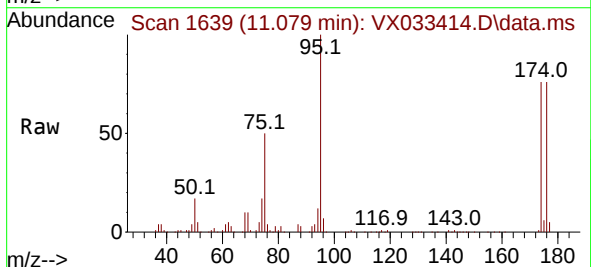
Tgt Ion: 95 Resp: 89468

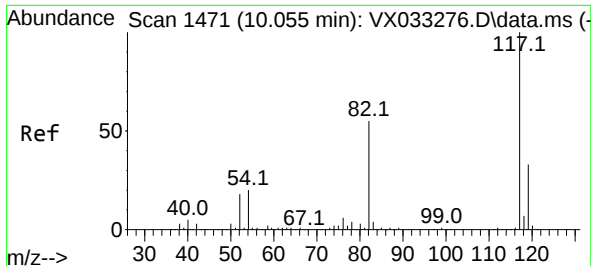
Ion Ratio Lower Upper

95 100

174 80.9 0.0 164.0

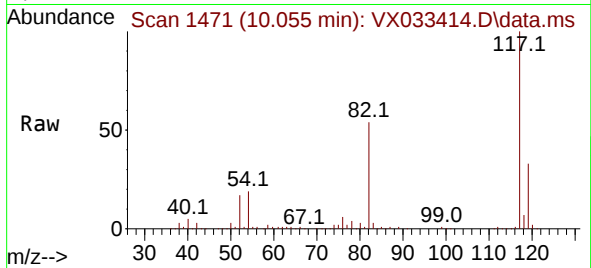
176 79.4 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

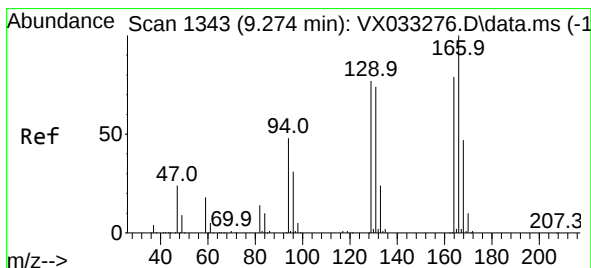
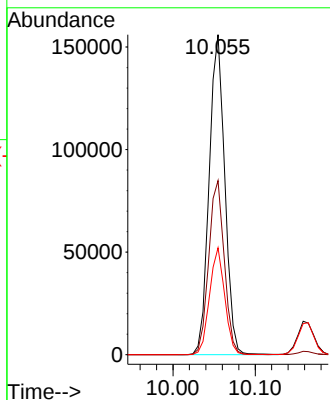
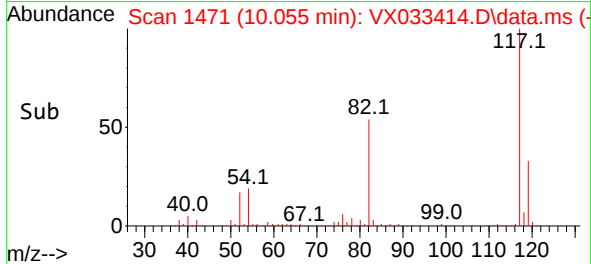
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02



Tgt Ion:117 Resp: 206164
Ion Ratio Lower Upper
117 100
82 54.4 44.3 66.5
119 33.4 25.7 38.5

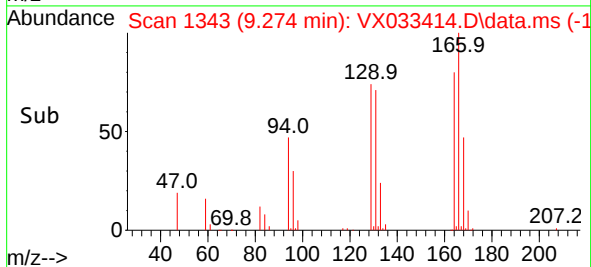
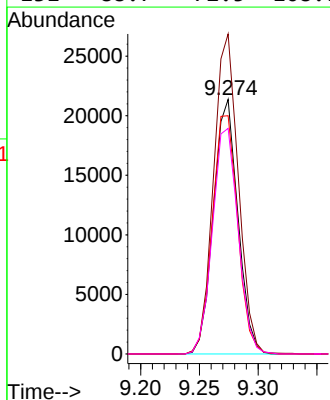
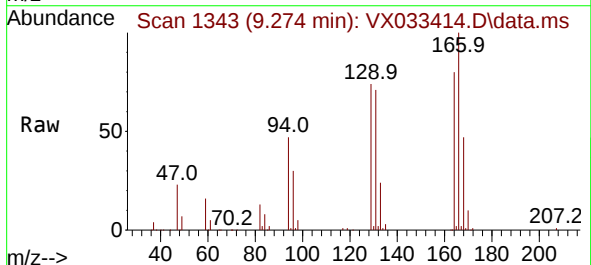
Manual Integrations
APPROVED

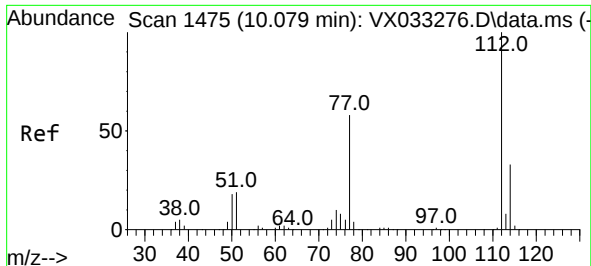
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#64
Tetrachloroethene
Concen: 21.931 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

Tgt Ion:164 Resp: 30917
Ion Ratio Lower Upper
164 100
166 125.7 105.4 158.2
129 93.6 78.2 117.2
131 88.7 72.5 108.7





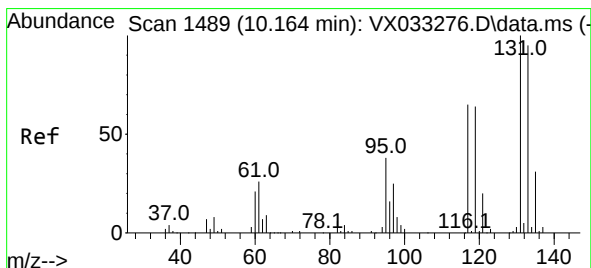
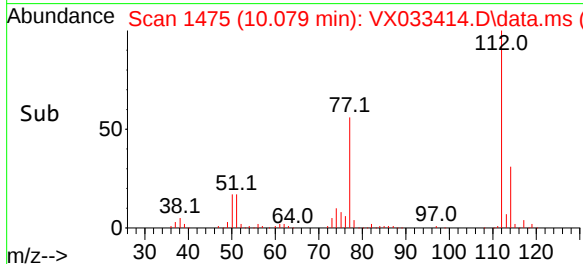
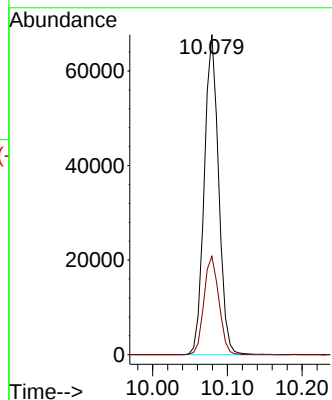
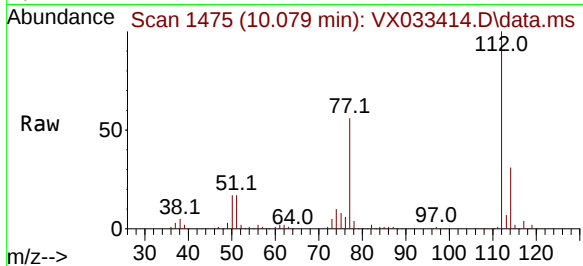
#65
Chlorobenzene
Concen: 21.633 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02

Tgt Ion:112 Resp: 90314
Ion Ratio Lower Upper
112 100
114 30.8 25.4 38.2

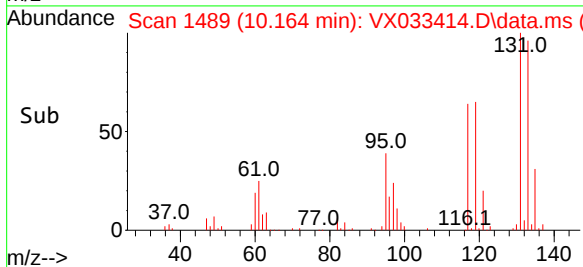
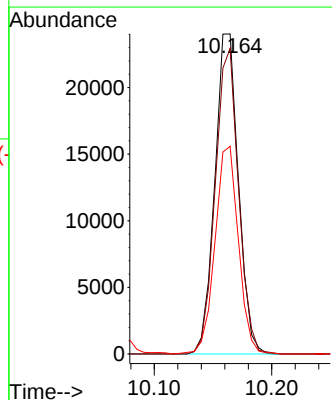
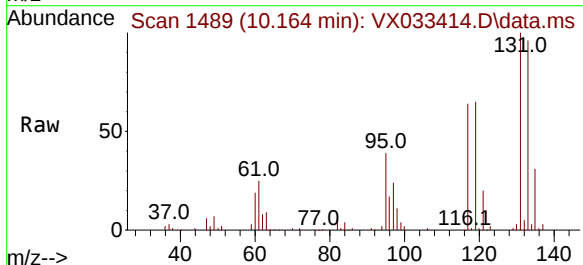
Manual Integrations
APPROVED

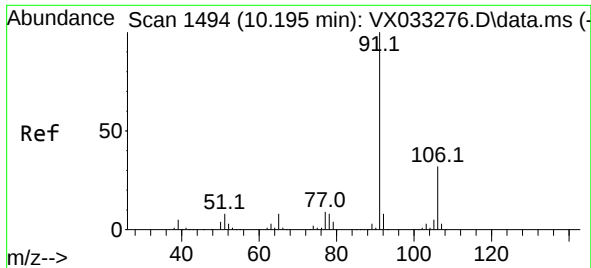
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 21.250 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

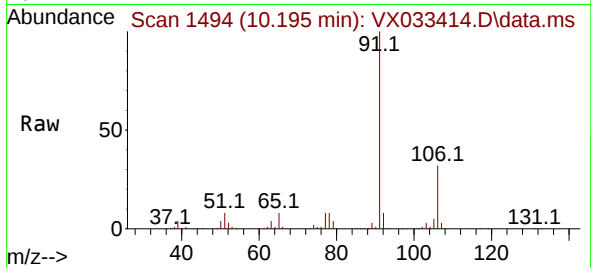
Tgt Ion:131 Resp: 33526
Ion Ratio Lower Upper
131 100
133 94.0 47.6 142.9
119 64.5 32.4 97.0





#67
Ethyl Benzene
Concen: 22.213 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

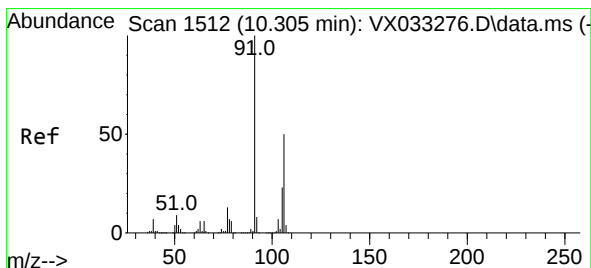
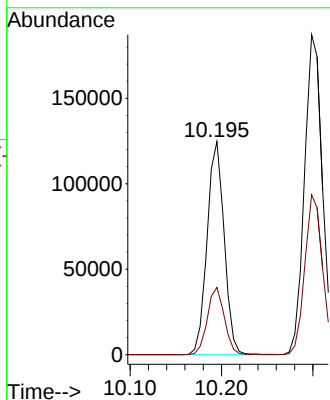
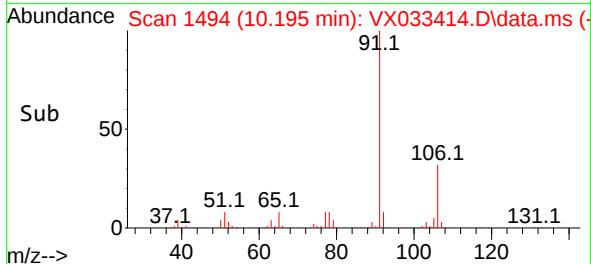
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02



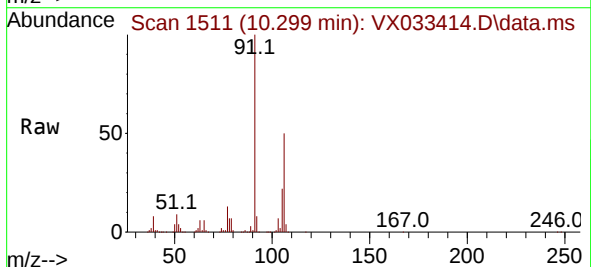
Tgt Ion: 91 Resp: 161558
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.6

Manual Integrations
APPROVED

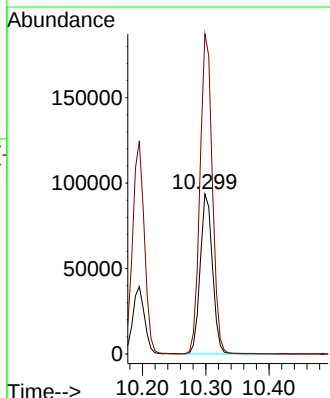
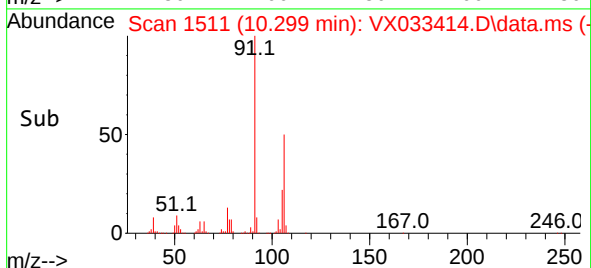
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

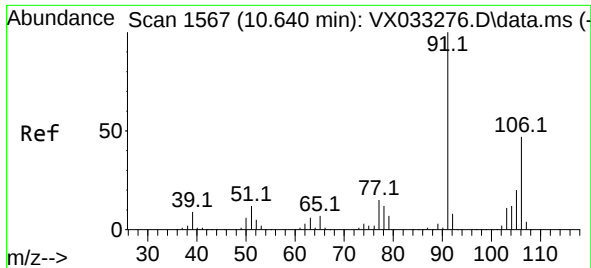


#68
m/p-Xylenes
Concen: 44.784 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36



Tgt Ion:106 Resp: 126729
Ion Ratio Lower Upper
106 100
91 201.7 164.5 246.7





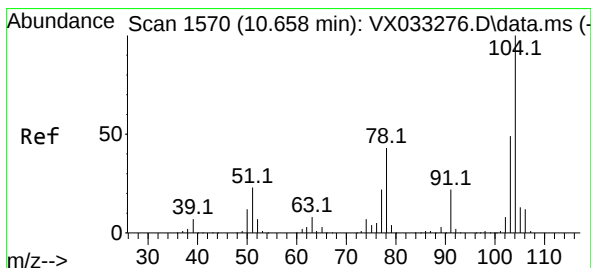
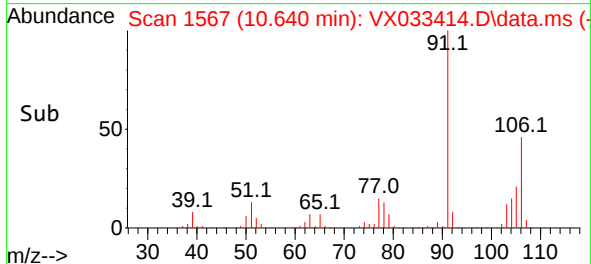
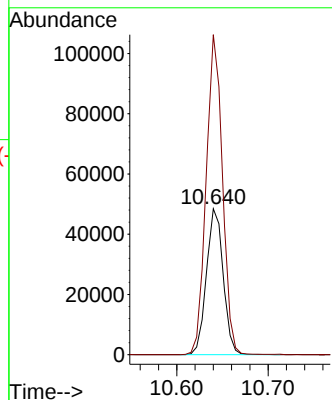
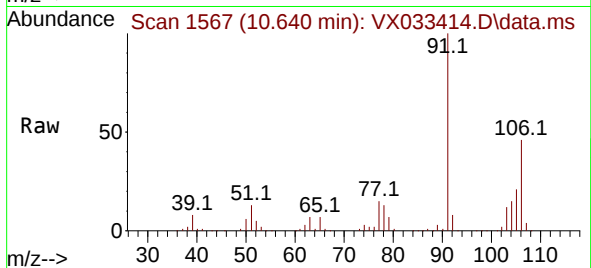
#69
o-Xylene
Concen: 21.987 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02

Tgt Ion:106 Resp: 61500
Ion Ratio Lower Upper
106 100
91 213.5 109.2 327.6

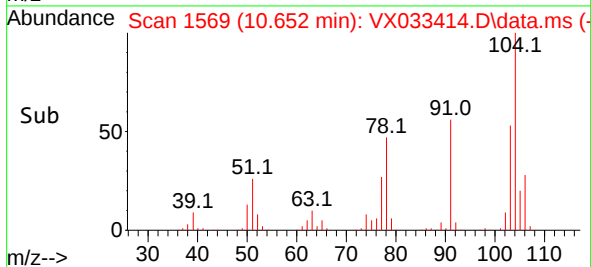
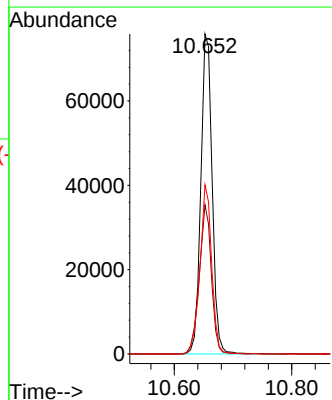
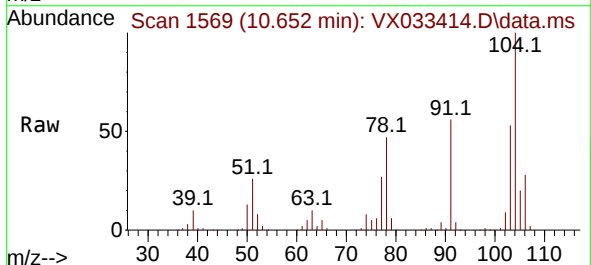
Manual Integrations
APPROVED

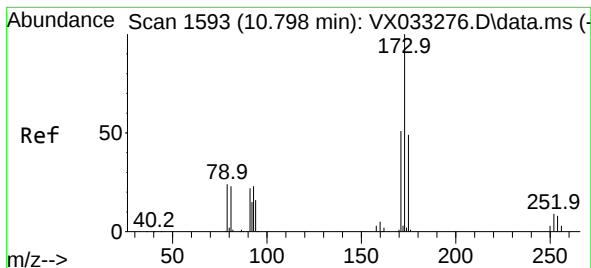
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#70
Styrene
Concen: 22.215 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

Tgt Ion:104 Resp: 101767
Ion Ratio Lower Upper
104 100
78 49.7 41.8 62.8
103 54.8 44.5 66.7





#71

Bromoform

Concen: 20.315 ug/l

RT: 10.798 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX033414.D

Acq: 14 Dec 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS02

Tgt Ion:173 Resp: 25369

Ion Ratio Lower Upper

173 100

175 48.6 23.9 71.8

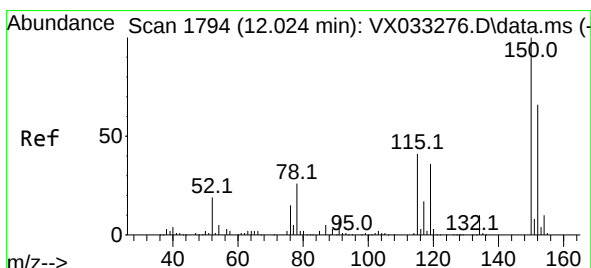
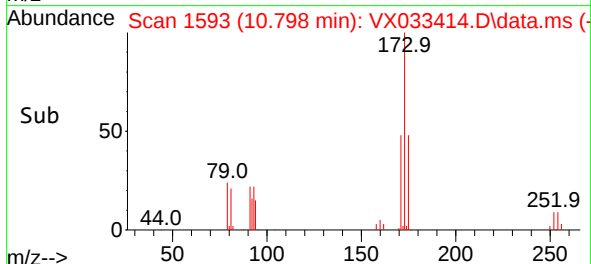
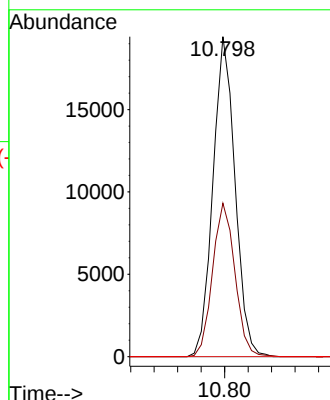
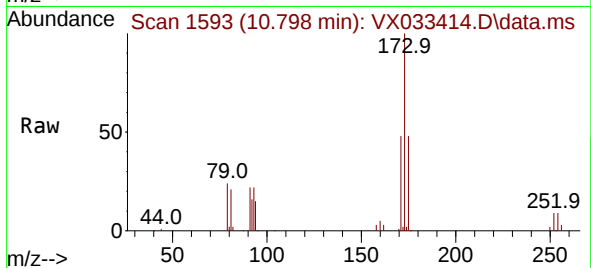
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX033414.D

Acq: 14 Dec 2022 12:36

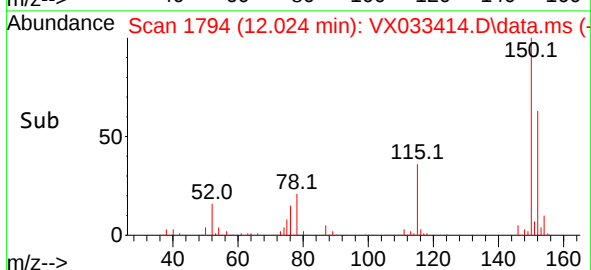
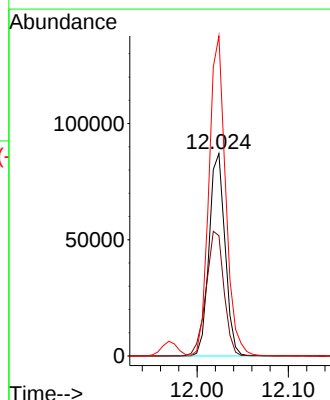
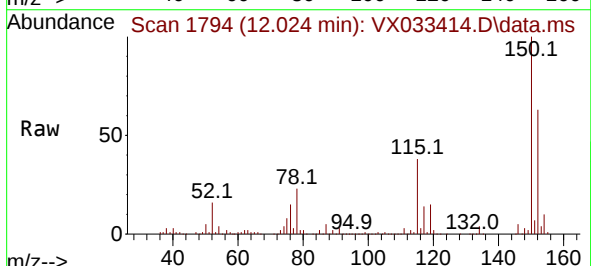
Tgt Ion:152 Resp: 105665

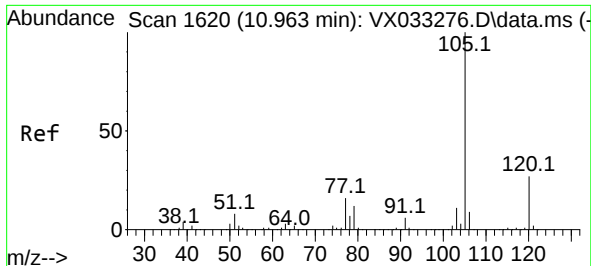
Ion Ratio Lower Upper

152 100

115 69.2 44.0 132.0

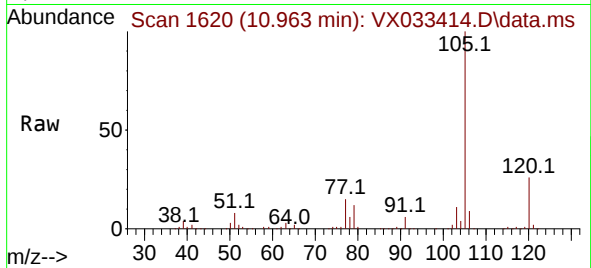
150 164.7 0.0 351.8





#73
Isopropylbenzene
Concen: 21.686 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

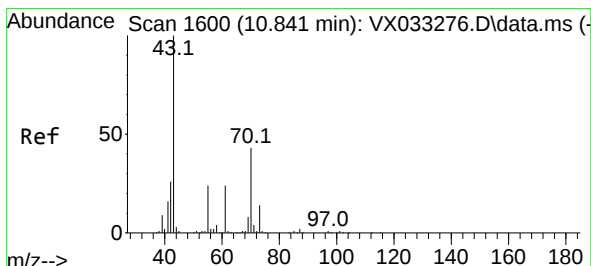
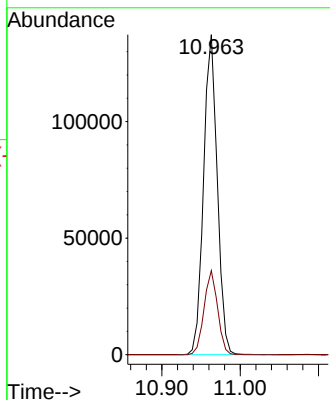
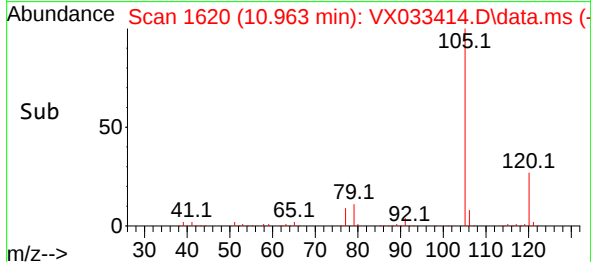
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02



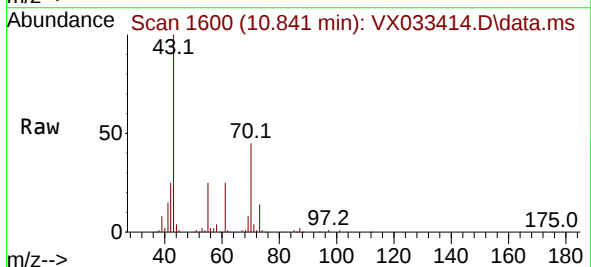
Tgt Ion:105 Resp: 166088
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.3

Manual Integrations
APPROVED

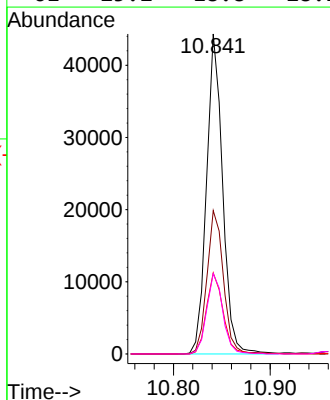
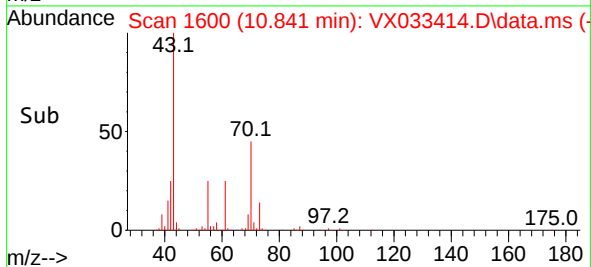
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

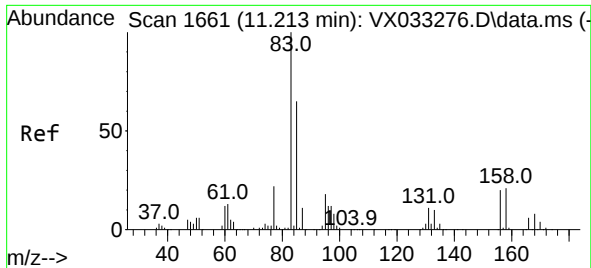


#74
N-ethyl acetate
Concen: 19.708 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36



Tgt Ion: 43 Resp: 51497
Ion Ratio Lower Upper
43 100
70 46.1 33.6 50.4
55 26.3 19.4 29.2
61 25.2 18.8 28.2





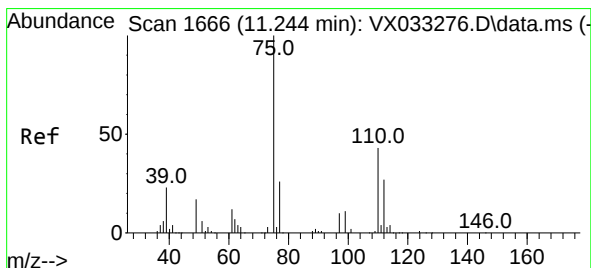
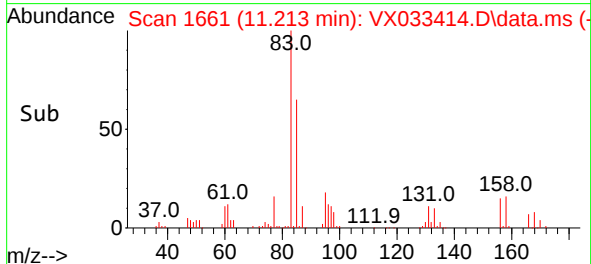
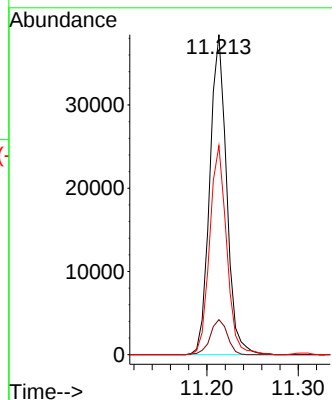
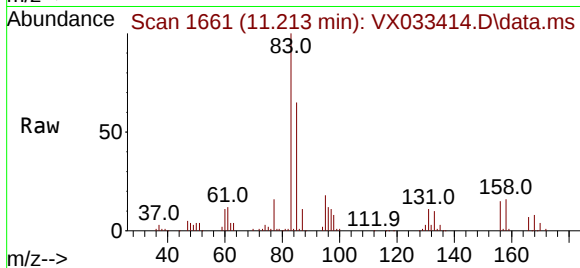
#75
1,1,2,2-Tetrachloroethane
Concen: 20.184 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02

Tgt Ion: 83 Resp: 4904
Ion Ratio Lower Upper
83 100
131 11.2 5.4 16.2
85 66.0 31.9 95.9

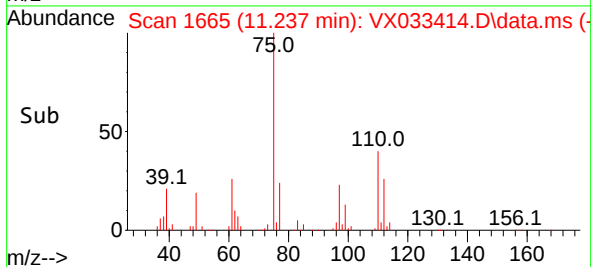
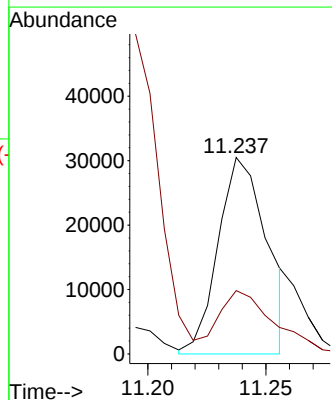
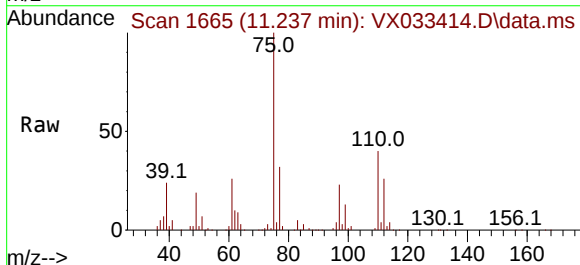
Manual Integrations
APPROVED

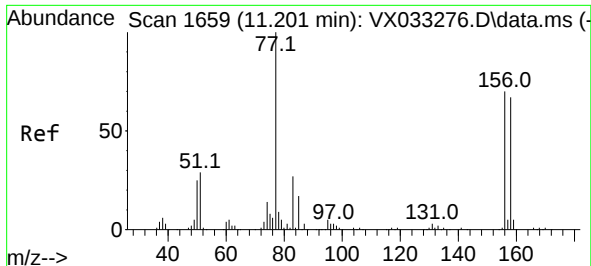
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#76
1,2,3-Trichloropropane
Concen: 20.407 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

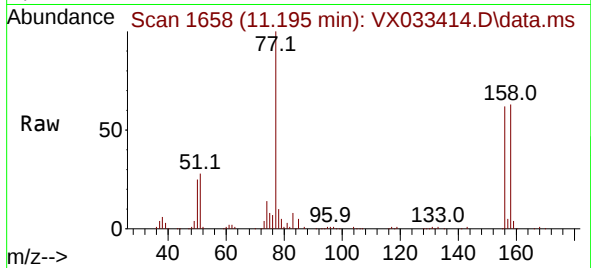
Tgt Ion: 75 Resp: 43870
Ion Ratio Lower Upper
75 100
77 37.5 20.0 60.0





#77
Bromobenzene
Concen: 20.709 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

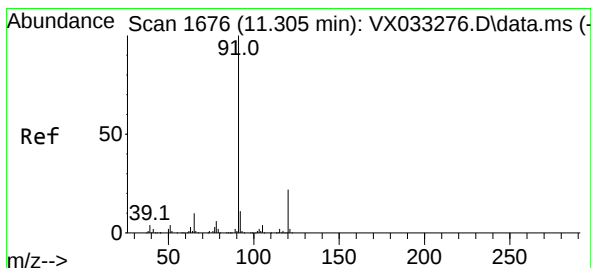
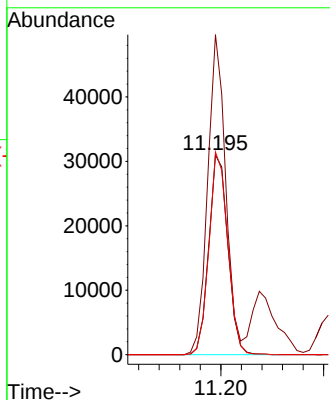
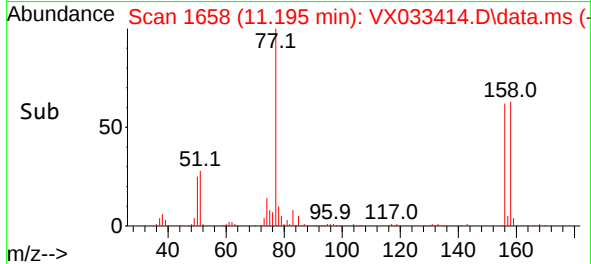
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02



Tgt Ion:156 Resp: 4005
Ion Ratio Lower Upper
156 100
77 150.7 76.1 228.4
158 99.7 48.8 146.3

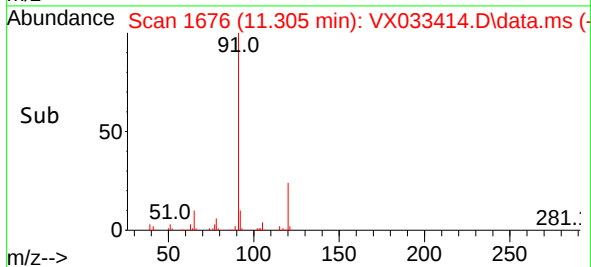
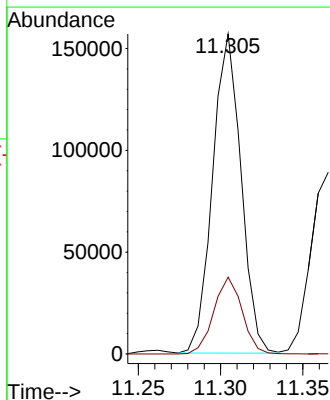
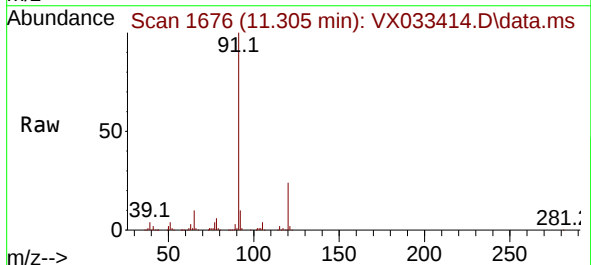
Manual Integrations
APPROVED

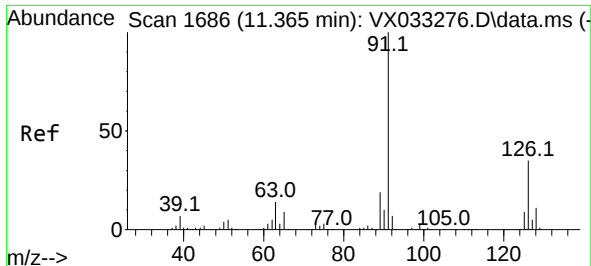
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#78
n-propylbenzene
Concen: 22.023 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

Tgt Ion: 91 Resp: 188328
Ion Ratio Lower Upper
91 100
120 24.0 11.6 34.8





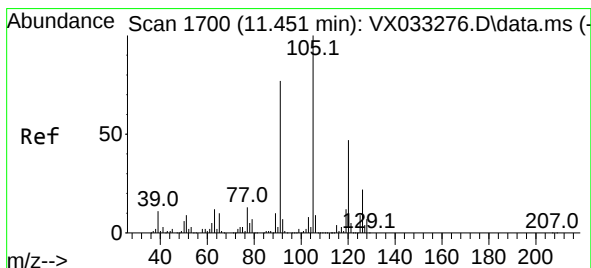
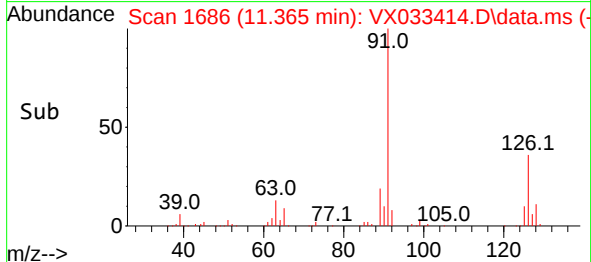
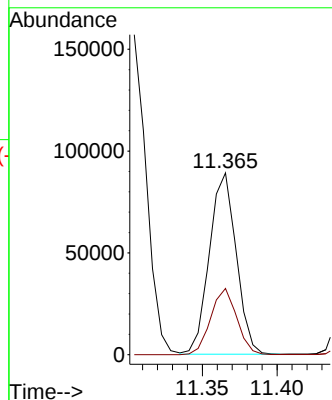
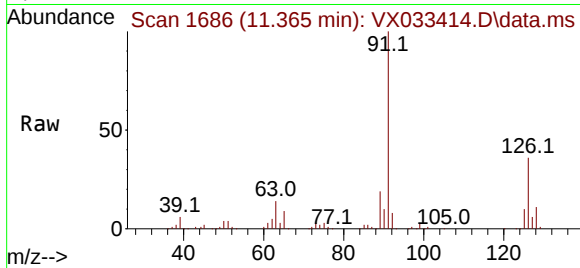
#79
2-Chlorotoluene
Concen: 21.015 ug/l
RT: 11.365 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02

Tgt Ion: 91 Resp: 111060
Ion Ratio Lower Upper
91 100
126 35.6 17.1 51.2

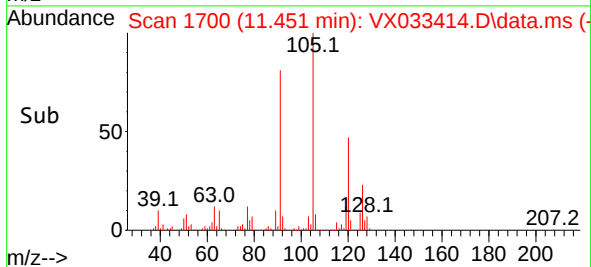
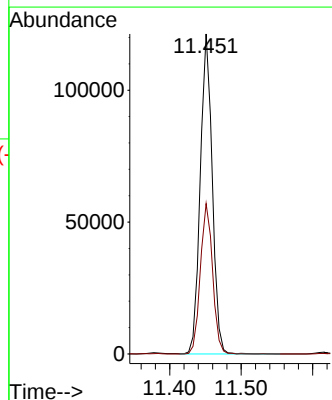
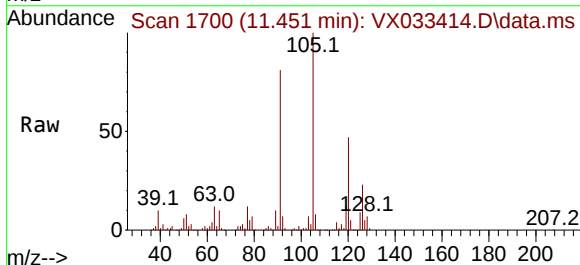
Manual Integrations
APPROVED

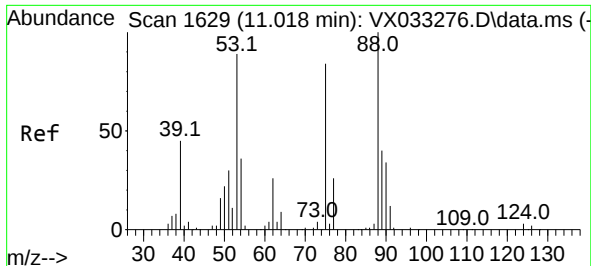
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 22.124 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

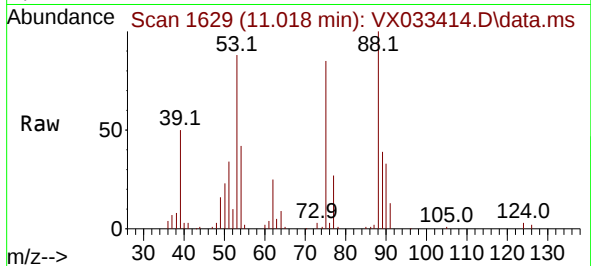
Tgt Ion:105 Resp: 141042
Ion Ratio Lower Upper
105 100
120 47.9 23.6 71.0





#81
trans-1,4-Dichloro-2-butene
Concen: 18.044 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

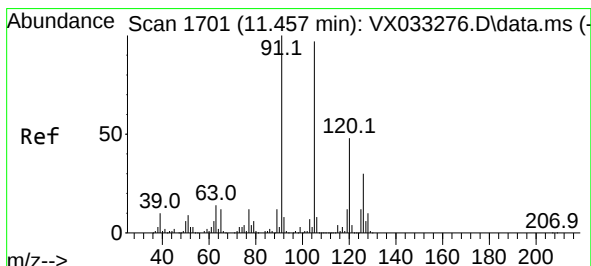
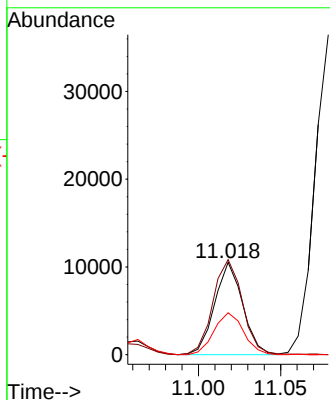
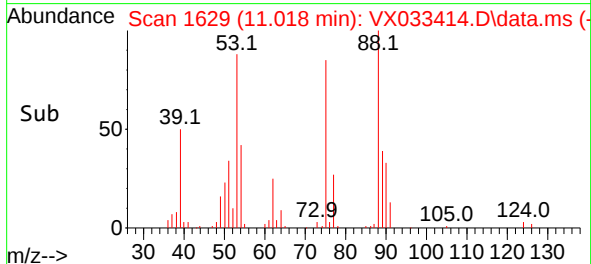
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02



Tgt Ion: 75 Resp: 12470
Ion Ratio Lower Upper
75 100
53 108.4 86.9 130.3
89 47.7 38.3 57.5

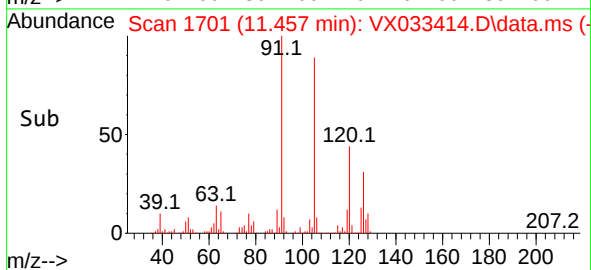
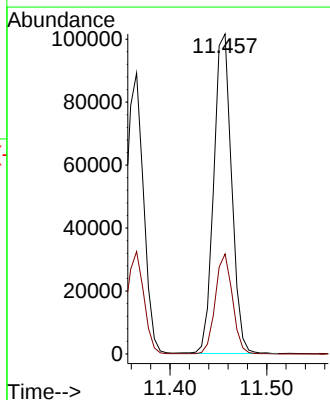
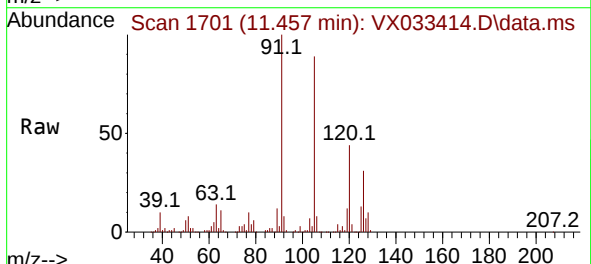
Manual Integrations
APPROVED

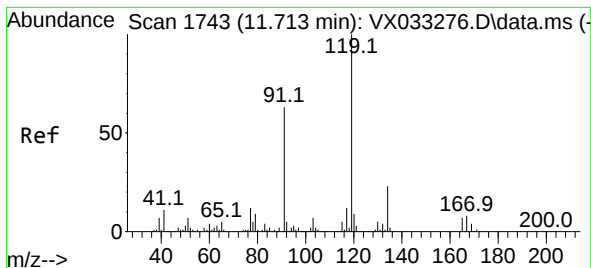
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#82
4-Chlorotoluene
Concen: 21.161 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

Tgt Ion: 91 Resp: 130043
Ion Ratio Lower Upper
91 100
126 30.1 14.8 44.4





#83

tert-Butylbenzene

Concen: 21.959 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX033414.D

Acq: 14 Dec 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS02

Tgt Ion:119 Resp: 139600

Ion Ratio Lower Upper

119 100

91 57.7 29.4 88.2

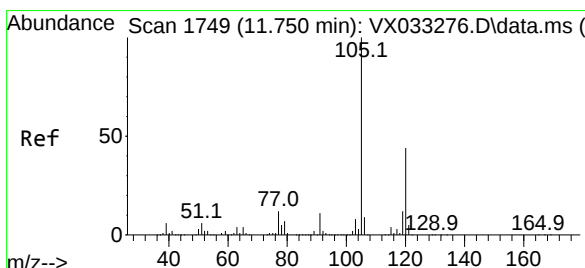
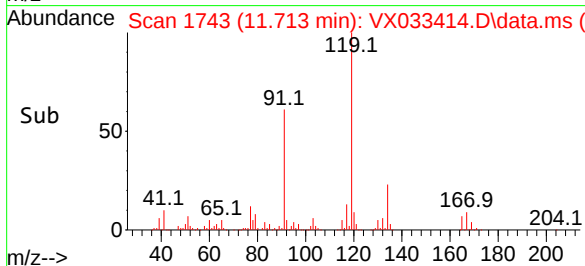
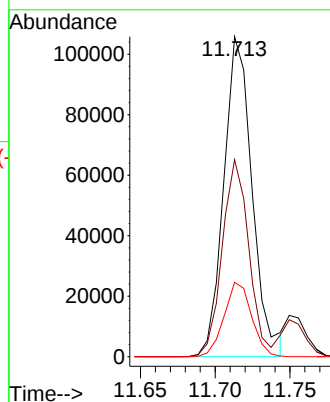
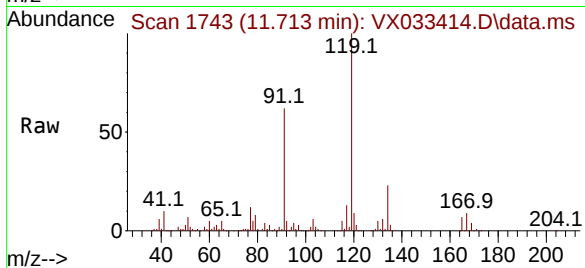
134 22.6 11.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#84

1,2,4-Trimethylbenzene

Concen: 21.813 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX033414.D

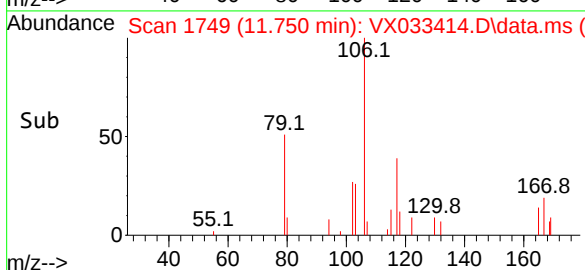
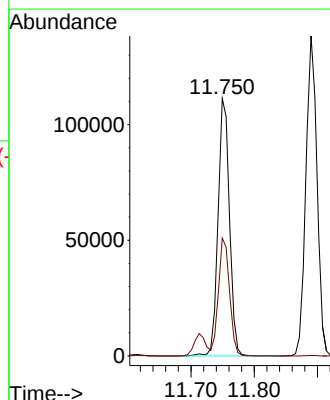
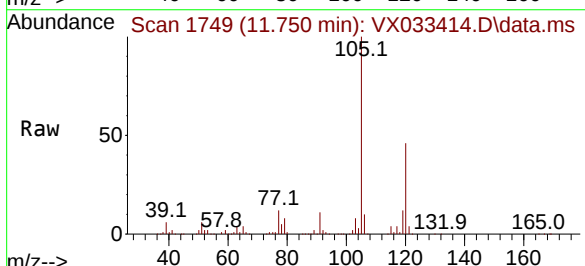
Acq: 14 Dec 2022 12:36

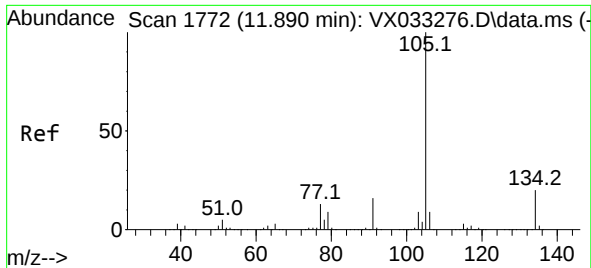
Tgt Ion:105 Resp: 138811

Ion Ratio Lower Upper

105 100

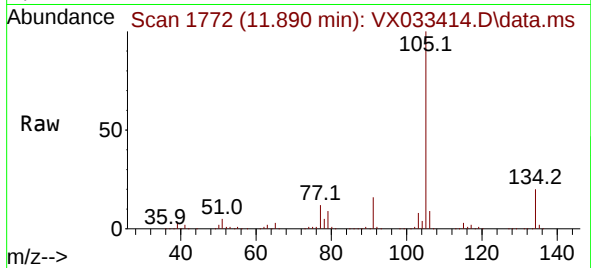
120 44.5 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 22.728 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033414.D
 Acq: 14 Dec 2022 12:36

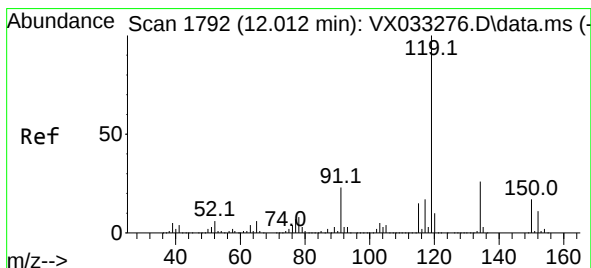
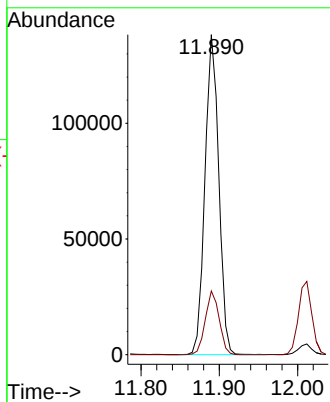
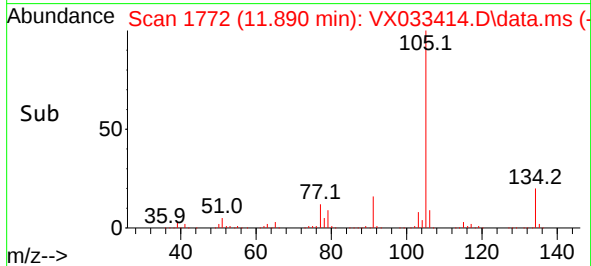
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBS02



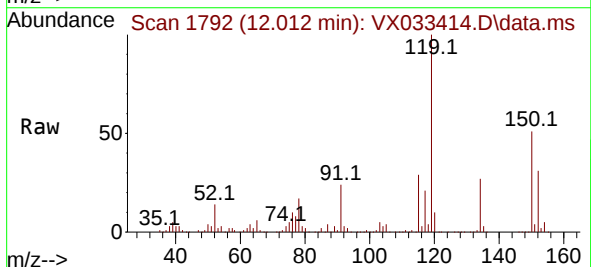
Tgt Ion:105 Resp: 168580
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.9 29.7

Manual Integrations
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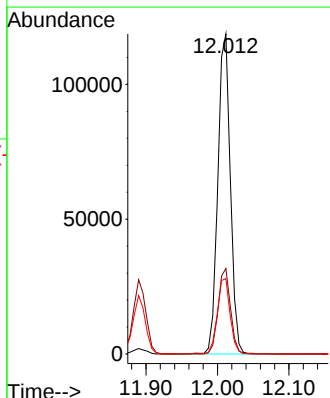
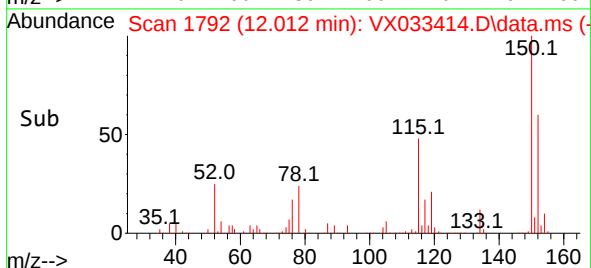
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#86
 p-Isopropyltoluene
 Concen: 22.515 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX033414.D
 Acq: 14 Dec 2022 12:36



Tgt Ion:119 Resp: 143979
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.7
 91 24.1 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 21.645 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033414.D

Acq: 14 Dec 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS02

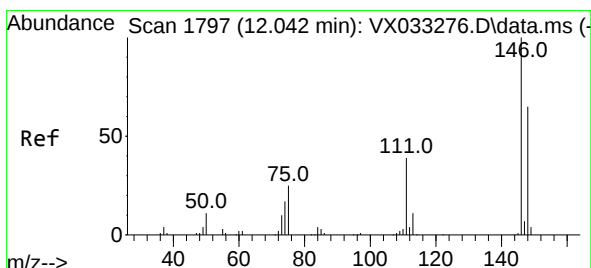
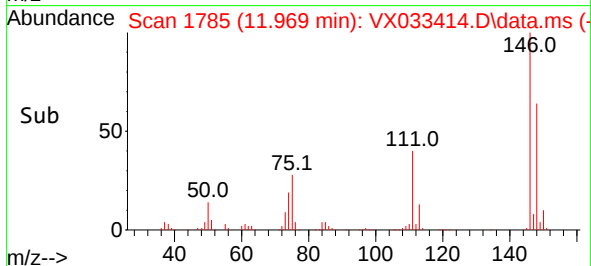
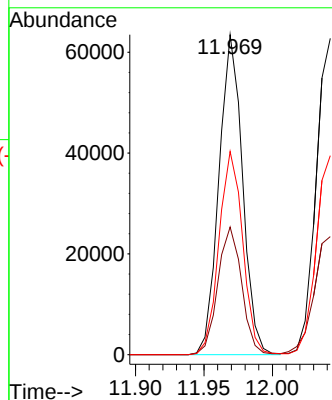
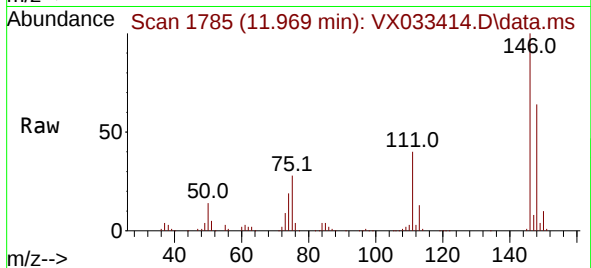
Tgt Ion:146 Resp: 75830
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.6 61.8
 148 64.1 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#88

1,4-Dichlorobenzene

Concen: 21.743 ug/l

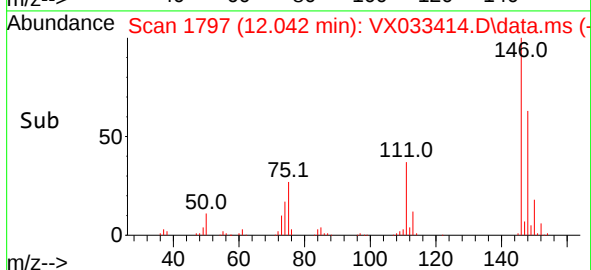
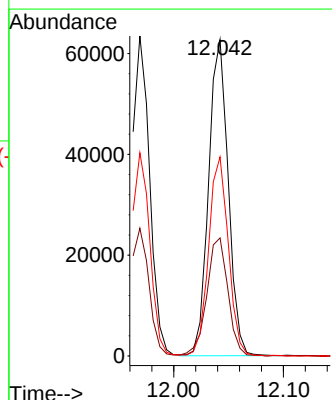
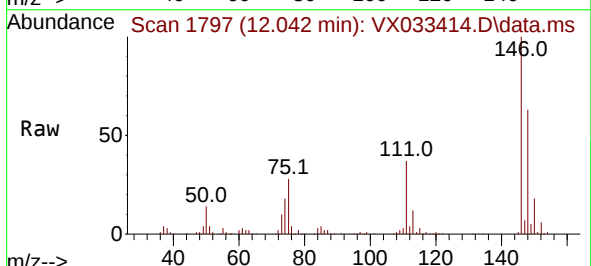
RT: 12.042 min Scan# 1797

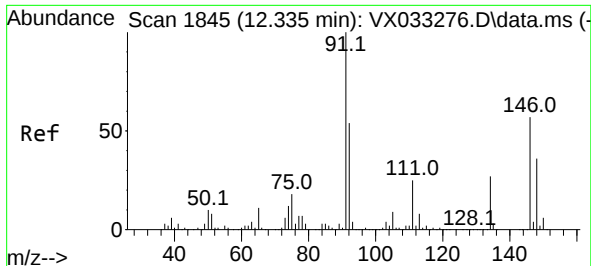
Delta R.T. 0.000 min

Lab File: VX033414.D

Acq: 14 Dec 2022 12:36

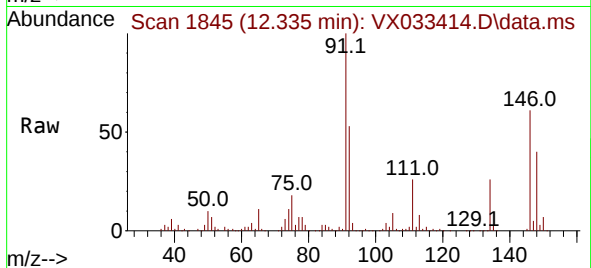
Tgt Ion:146 Resp: 77805
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.5 61.6
 148 63.5 32.2 96.6





#89
n-Butylbenzene
Concen: 22.720 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

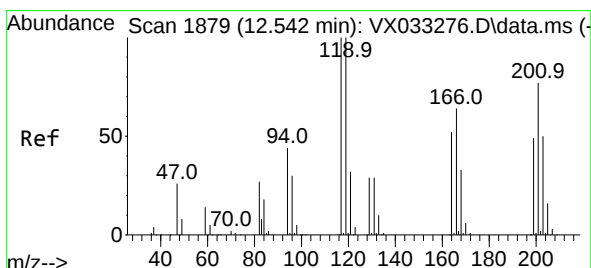
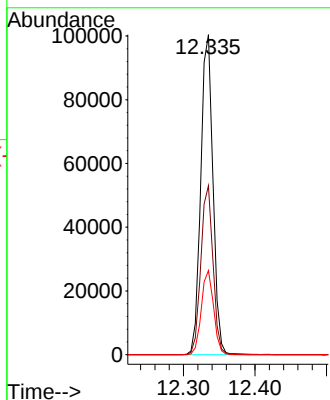
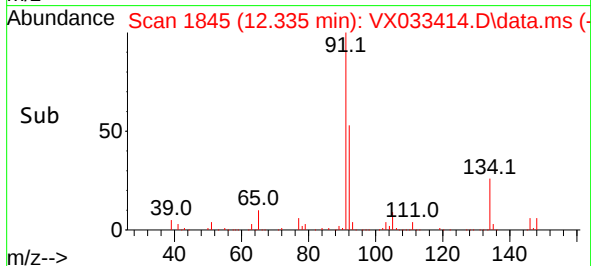
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02



Tgt Ion: 91 Resp: 118999
Ion Ratio Lower Upper
91 100
92 52.6 26.2 78.6
134 26.4 12.9 38.6

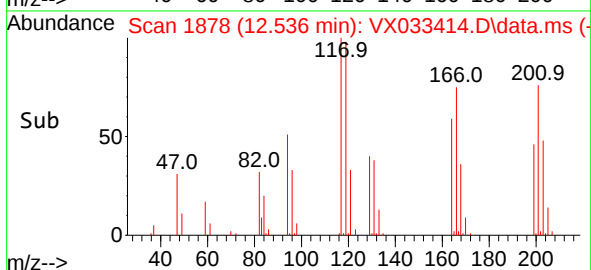
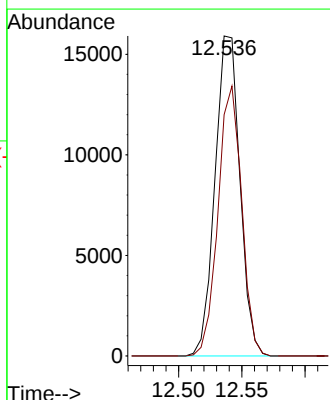
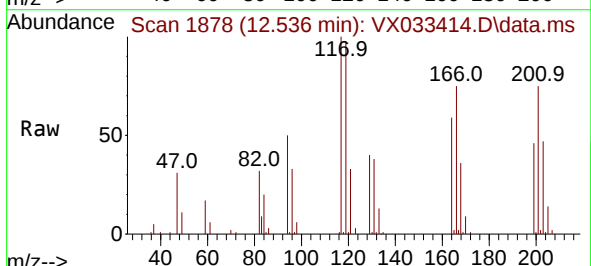
Manual Integrations
APPROVED

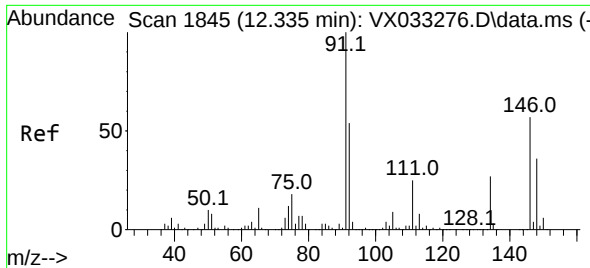
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#90
Hexachloroethane
Concen: 20.037 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

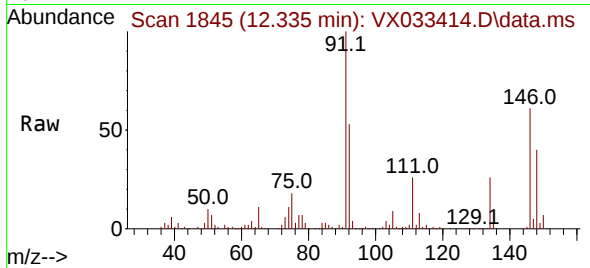
Tgt Ion:117 Resp: 21780
Ion Ratio Lower Upper
117 100
201 80.0 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 21.137 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

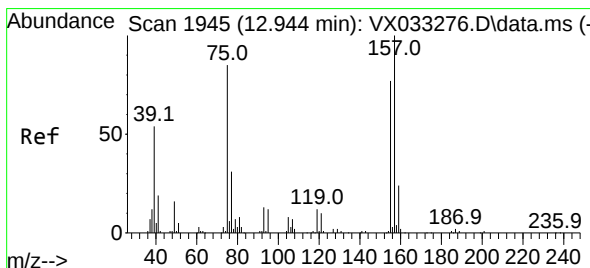
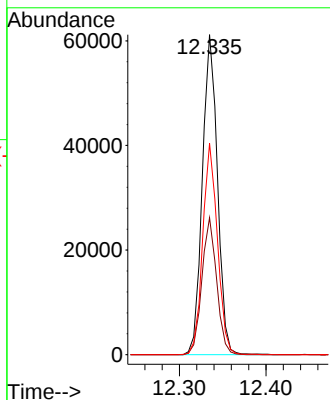
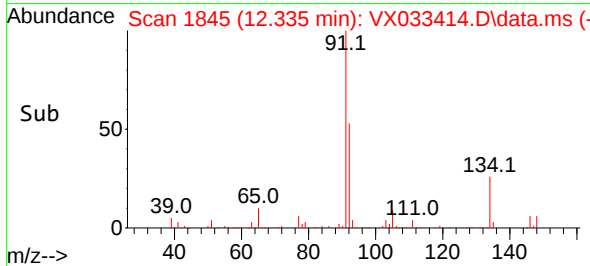
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02



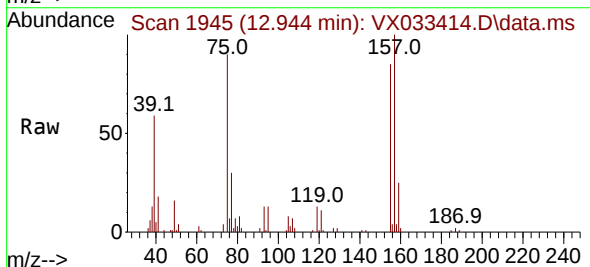
Tgt Ion:146 Resp: 7403
Ion Ratio Lower Upper
146 100
111 41.8 21.5 64.5
148 64.5 32.0 96.2

Manual Integrations
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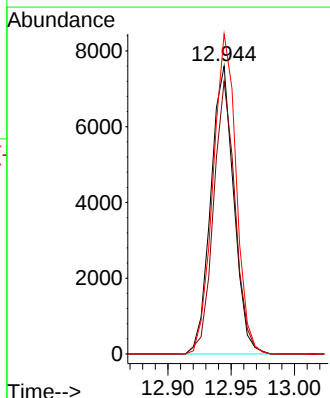
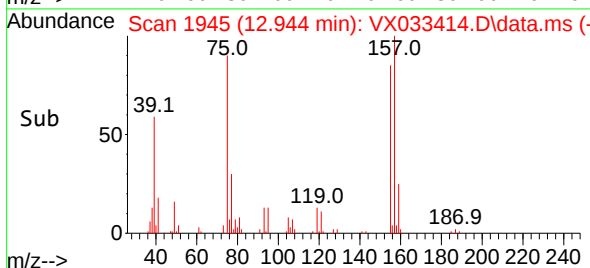
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

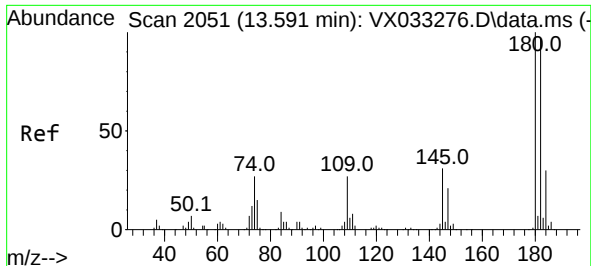


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.307 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36



Tgt Ion: 75 Resp: 9608
Ion Ratio Lower Upper
75 100
155 89.2 41.6 124.8
157 111.6 54.1 162.4





#93

1,2,4-Trichlorobenzene

Concen: 21.823 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX033414.D

Acq: 14 Dec 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS02

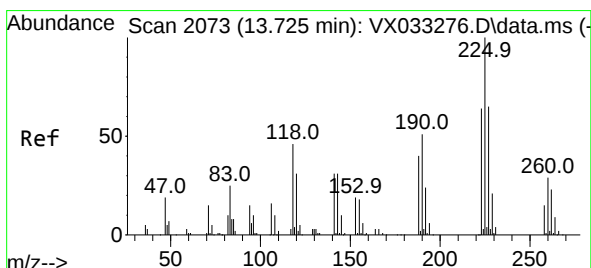
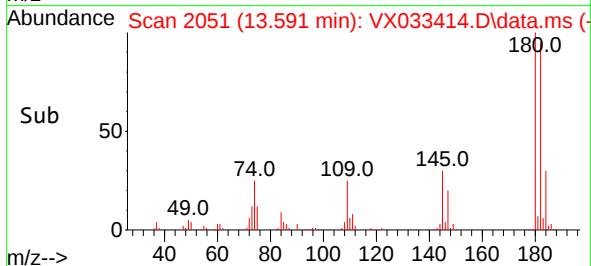
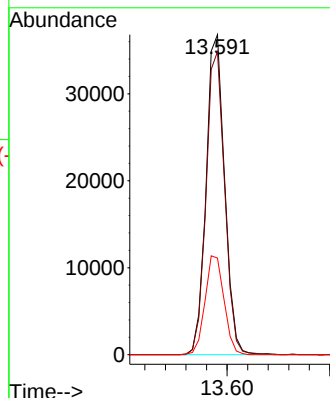
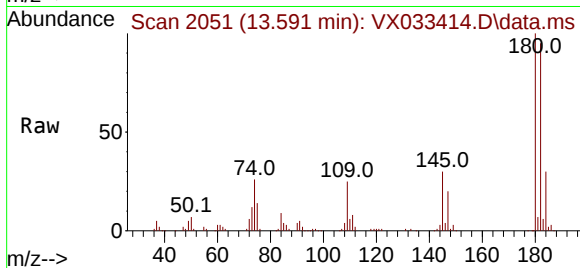
Tgt Ion:180	Resp:	4616
Ion Ratio	Lower	Upper
180	100	
182	94.9	48.4 145.0
145	31.6	16.2 48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#94

Hexachlorobutadiene

Concen: 23.519 ug/l

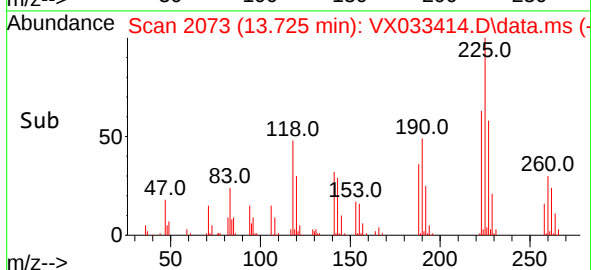
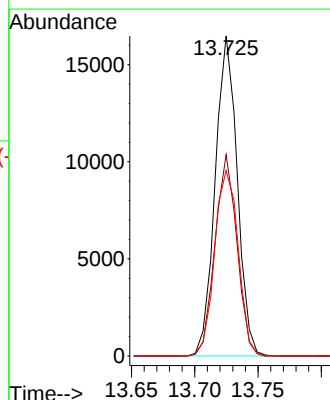
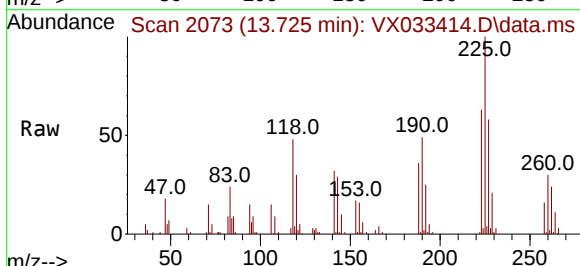
RT: 13.725 min Scan# 2073

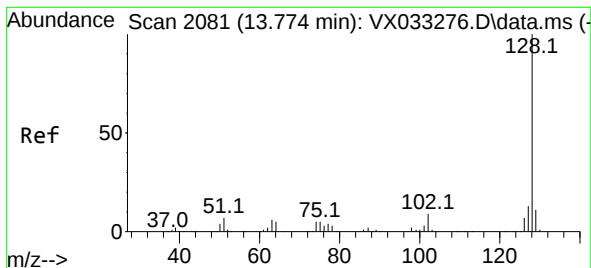
Delta R.T. 0.000 min

Lab File: VX033414.D

Acq: 14 Dec 2022 12:36

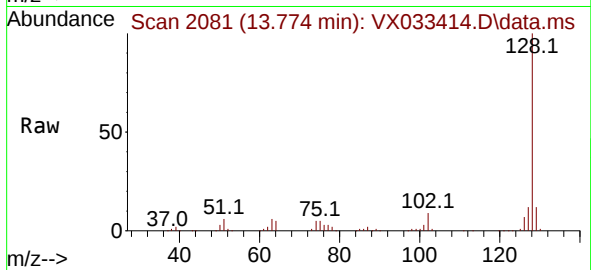
Tgt Ion:225	Resp:	19922
Ion Ratio	Lower	Upper
225	100	
223	62.6	31.9 95.9
227	62.0	31.9 95.5





#95
Naphthalene
Concen: 21.015 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36

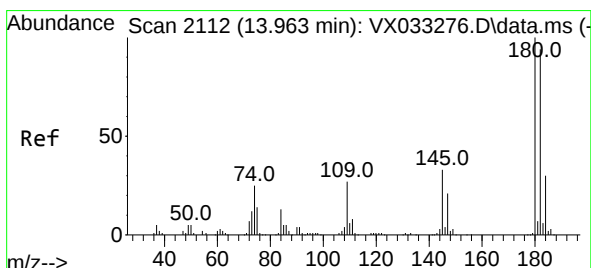
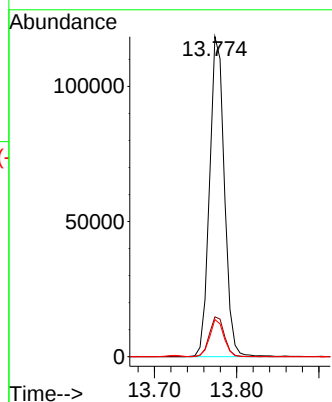
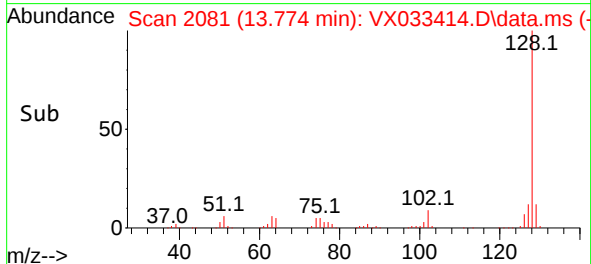
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02



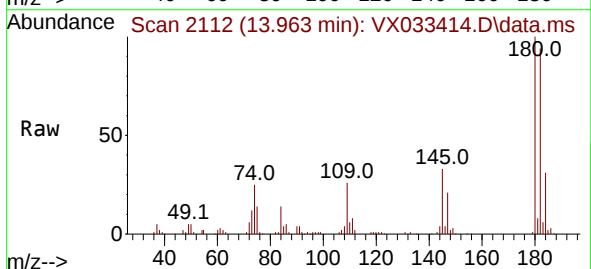
Tgt Ion:128 Resp: 148278
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 11.2 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 21.596 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033414.D
Acq: 14 Dec 2022 12:36



Tgt Ion:180 Resp: 46267
Ion Ratio Lower Upper
180 100
182 93.2 47.5 142.6
145 33.3 16.9 50.6

