

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111122\
 Data File : VX032763.D
 Acq On : 11 Nov 2022 10:46
 Operator : JC/MD
 Sample : VX1111WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1111WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/14/2022
 Supervised By : Mahesh Dadoda 11/14/2022

Quant Time: Nov 14 05:09:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 11 05:24:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	11407	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	80340	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	86012	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	33515	30.455	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.533%			
60) 4-Bromofluorobenzene	11.079	95	48542	29.504	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.333%			
63) Toluene-d8	8.646	98	87133	30.018	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.067%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	20500	20.306	ug/l	98
3) Chloromethane	1.294	50	20405	20.368	ug/l	96
4) Vinyl Chloride	1.373	62	22801	20.129	ug/l	96
5) Bromomethane	1.611	94	20157	20.043	ug/l	97
6) Chloroethane	1.690	64	15769	17.624	ug/l	88
7) Trichlorofluoromethane	1.885	101	44754	20.495	ug/l	98
8) Diethyl Ether	2.129	74	14504	20.543	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.330	101	24351	20.964	ug/l	97
10) 1,1-Dichloroethene	2.318	96	21943	19.774	ug/l	88
11) Methyl Iodide	2.452	142	23307	19.537	ug/l	96
12) Methyl Acetate	2.702	43	33959	20.659	ug/l #	87
13) Acrolein	2.239	56	24016	109.561	ug/l	98
14) Acrylonitrile	3.062	53	61118	103.718	ug/l	99
15) Acetone	2.385	58	16916	110.396	ug/l	79
16) Carbon Disulfide	2.513	76	54118	19.591	ug/l	99
17) Allyl chloride	2.666	41	35844	20.329	ug/l	87
18) Methylene Chloride	2.788	84	24833	19.405	ug/l	90
19) trans-1,2-Dichloroethene	3.093	96	24075	19.695	ug/l	87
20) Diisopropyl ether	3.757	45	76863	19.441	ug/l #	93
21) 1,1-Dichloroethane	3.611	63	43781	19.726	ug/l	95
22) cis-1,2-Dichloroethene	4.489	96	28172	19.739	ug/l	85
23) tert-Butyl Alcohol	2.977	59	24572	128.425	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	79741	20.068	ug/l #	91
25) Chloroform	5.092	83	48163	19.456	ug/l	98
26) Cyclohexane	5.476	56	38054	19.633	ug/l #	86
29) 1,1-Dichloropropene	5.690	75	35462	19.902	ug/l	95
30) 2-Butanone	4.556	43	88724	106.792	ug/l #	90
31) 2,2-Dichloropropane	4.476	77	36155	23.726	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	43791	19.538	ug/l	94
33) Carbon Tetrachloride	5.677	117	38222	19.423	ug/l	95
34) Benzene	6.037	78	98473	19.615	ug/l #	96
35) Methacrylonitrile	4.921	41	19173	20.376	ug/l	91
36) 1,2-Dichloroethane	6.086	62	42110	20.375	ug/l #	91
37) Trichloroethene	7.128	130	27590	19.644	ug/l	91
38) Methylcyclohexane	7.378	83	41021	20.548	ug/l	88
39) 1,2-Dichloropropane	7.433	63	24975	19.653	ug/l	96
40) Dibromomethane	7.580	93	19477	20.074	ug/l	97
41) Bromodichloromethane	7.823	83	35469	19.179	ug/l	100
42) Vinyl Acetate	3.720	43	318663	99.820	ug/l #	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	34588	20.696	ug/l #	88
44) Isopropyl Acetate	6.336	43	56465	20.161	ug/l	93
45) 1,4-Dioxane	7.683	88	11865	441.046	ug/l #	82
46) Methyl methacrylate	7.695	41	28374	20.124	ug/l	89
47) n-amyl Acetate	10.841	43	50302	20.203	ug/l	93
48) t-1,3-Dichloropropene	8.976	75	37235	19.626	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	39831	19.882	ug/l #	89
50) 1,1,2-Trichloroethane	9.152	97	25788	19.331	ug/l	95
51) Ethyl methacrylate	9.116	69	38598	19.373	ug/l	74
52) 1,3-Dichloropropane	9.311	76	43042	19.735	ug/l	99
53) Dibromochloromethane	9.524	129	28081	19.356	ug/l	100
54) 1,2-Dibromoethane	9.610	107	29029	20.202	ug/l	100
55) 2-Chloroethyl vinyl ether	8.244	63	89393	92.847	ug/l	93
56) Bromoform	10.798	173	19554	18.826	ug/l	99
58) 4-Methyl-2-Pentanone	8.573	43	179298	106.488	ug/l #	91
59) 2-Hexanone	9.433	43	135675	109.442	ug/l	90
61) Tetrachloroethene	9.274	164	24773	20.609	ug/l	98
62) Toluene	8.720	91	111868	19.999	ug/l	97
64) Chlorobenzene	10.079	112	69239	20.022	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.164	131	26708	20.274	ug/l	98
66) Ethyl Benzene	10.195	91	126458	20.152	ug/l	95
67) m/p-Xylenes	10.305	106	98114	40.183	ug/l	90
68) o-Xylene	10.640	106	47853	19.974	ug/l	91
69) Styrene	10.658	104	78891	19.807	ug/l	94
70) Isopropylbenzene	10.963	105	128349	20.062	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.213	83	39988	20.610	ug/l	99
72) 1,2,3-Trichloropropane	11.237	75	35992m	21.359	ug/l	
73) Bromobenzene	11.201	156	30558	19.661	ug/l	84
74) n-propylbenzene	11.304	91	148392	20.414	ug/l	95
75) 2-Chlorotoluene	11.365	91	88339	20.072	ug/l	93
76) 1,3,5-Trimethylbenzene	11.451	105	109509	20.248	ug/l	96
77) t-1,4-Dichloro-2-butene	11.018	75	10511	20.441	ug/l	90
78) 4-Chlorotoluene	11.457	91	103052	20.327	ug/l	93
79) tert-butylbenzene	11.713	119	106128	20.192	ug/l	94
80) 1,2,4-Trimethylbenzene	11.750	105	109182	20.647	ug/l	95
81) sec-Butylbenzene	11.890	105	129960	20.538	ug/l	96
82) p-Isopropyltoluene	12.012	119	110125	20.651	ug/l	96
83) 1,3-Dichlorobenzene	11.969	146	59363	20.819	ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	58892	20.567	ug/l	99
85) n-Butylbenzene	12.335	91	95143	21.050	ug/l	95
86) Hexachloroethane	12.536	117	16974	19.389	ug/l	96
87) 1,2-Dichlorobenzene	12.335	146	58377	20.594	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.944	75	8852	21.505	ug/l #	80
89) 1,2,4-Trichlorobenzene	13.591	180	36272	20.835	ug/l	99
90) Hexachlorobutadiene	13.725	225	15263	21.783	ug/l	97
91) Naphthalene	13.774	128	122361	20.825	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	35915	20.512	ug/l	97

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

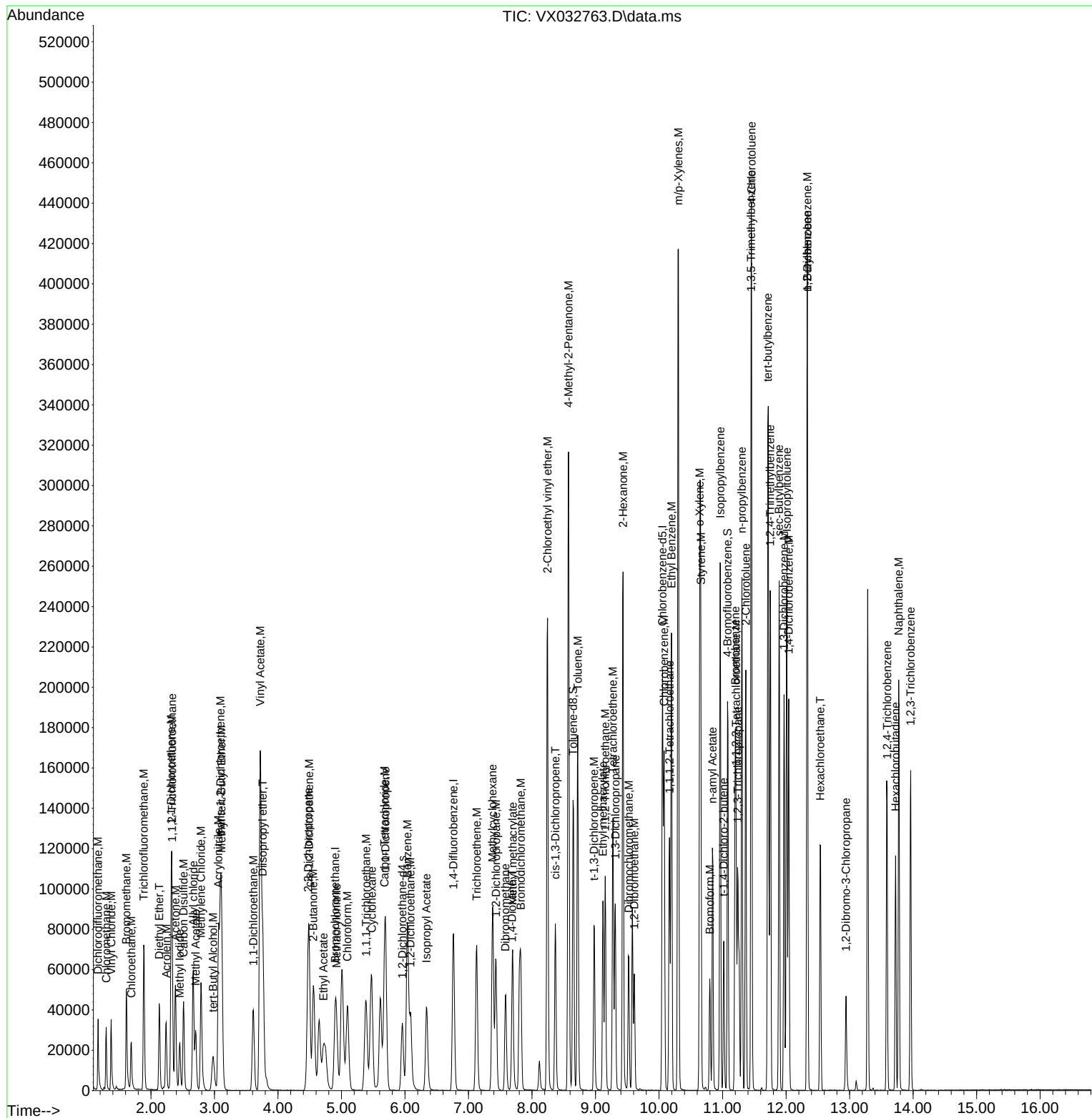
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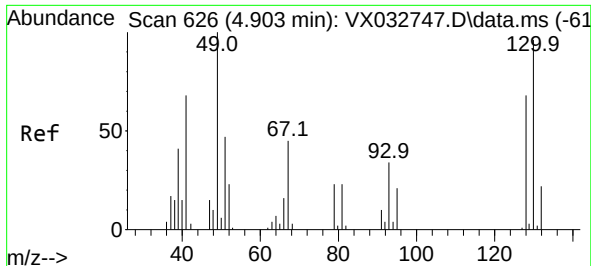
Instrument :
MSVOA_X
ClientSampleId :
VX1111WBSD01

Manual Integrations
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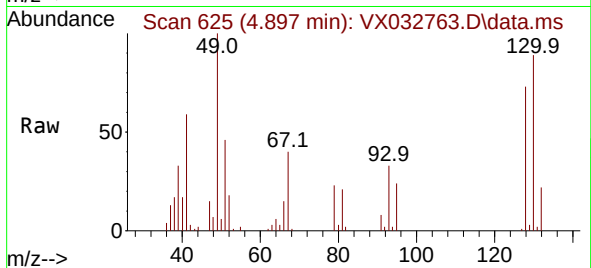
Quant Time: Nov 14 05:09:41 2022
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 11 05:24:06 2022
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

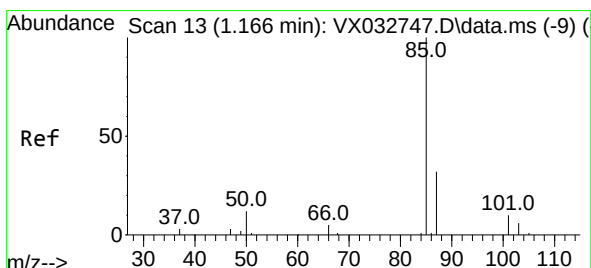
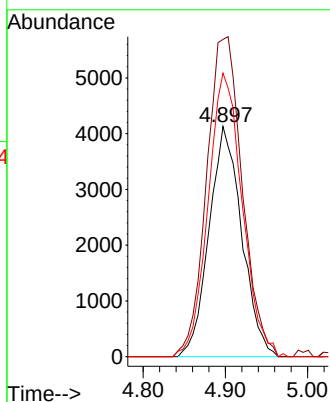
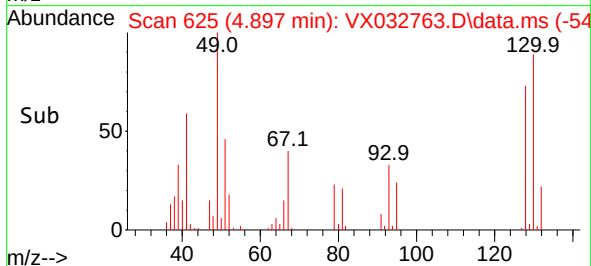
Instrument :
MSVOA_X
ClientSampleId :
VX1111WBSD01



Tgt Ion:128 Resp: 1140
Ion Ratio Lower Upper
128 100
49 151.6 0.0 293.0
130 128.7 0.0 321.5

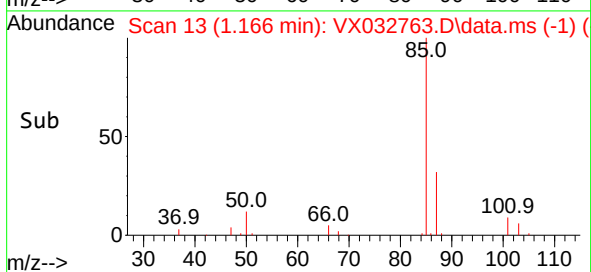
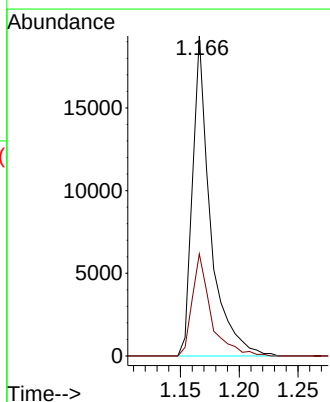
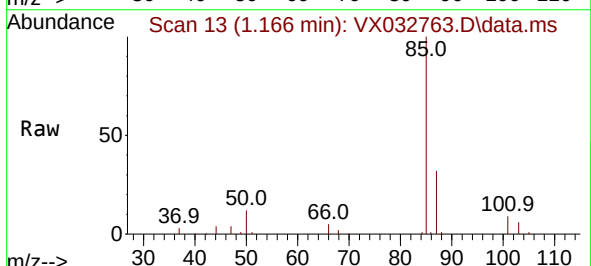
Manual Integrations
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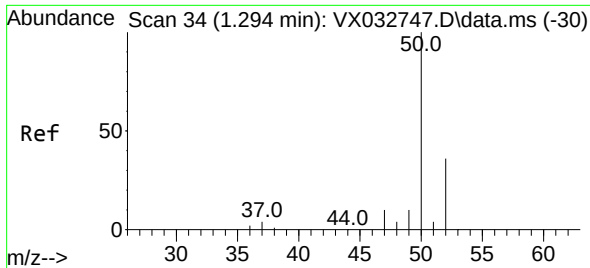
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#2
Dichlorodifluoromethane
Concen: 20.306 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

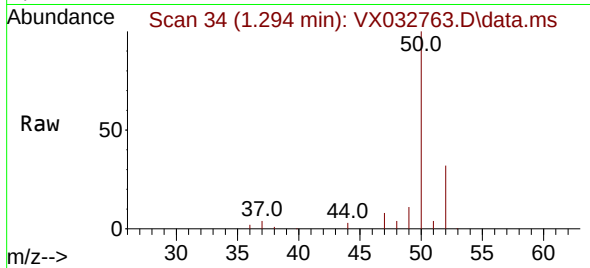
Tgt Ion: 85 Resp: 20500
Ion Ratio Lower Upper
85 100
87 31.9 16.5 49.5





#3
Chloromethane
Concen: 20.368 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

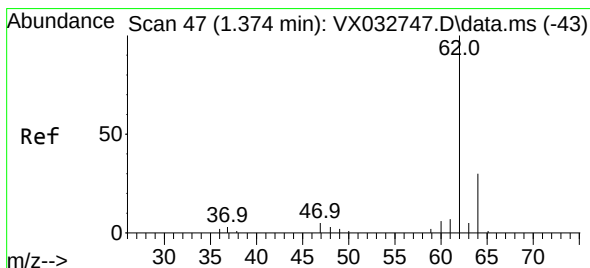
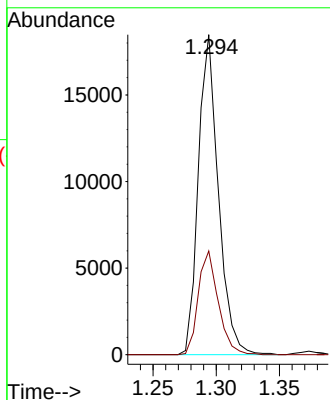
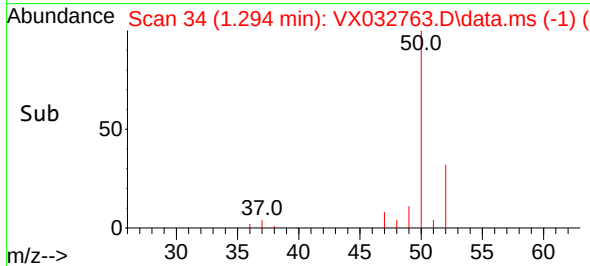
Instrument :
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ClientSampleId :
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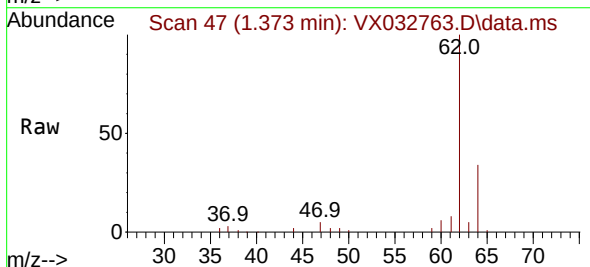
Tgt Ion: 50 Resp: 2040
Ion Ratio Lower Upper
50 100
52 32.4 27.6 41.4

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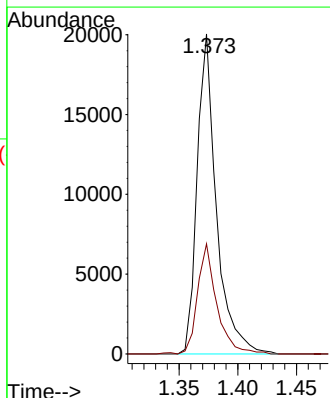
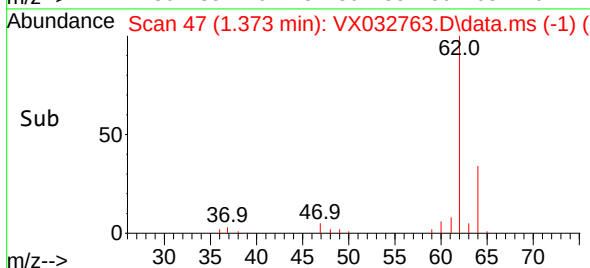
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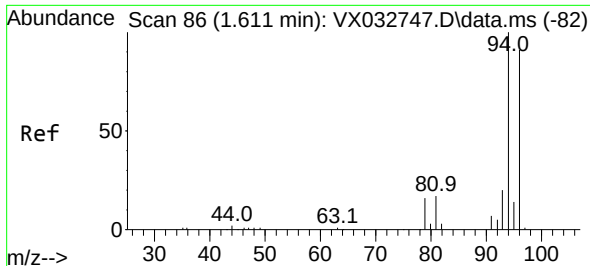


#4
Vinyl Chloride
Concen: 20.129 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46



Tgt Ion: 62 Resp: 22801
Ion Ratio Lower Upper
62 100
64 34.4 25.7 38.5





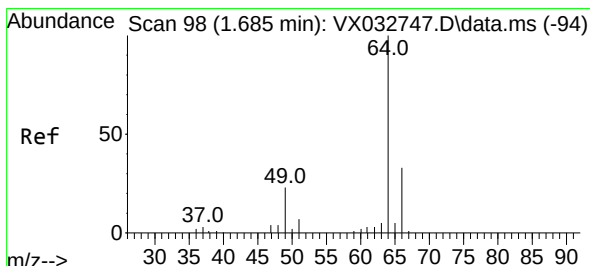
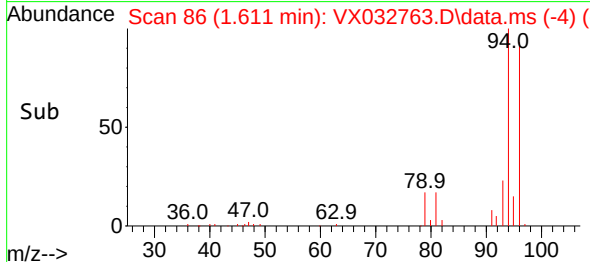
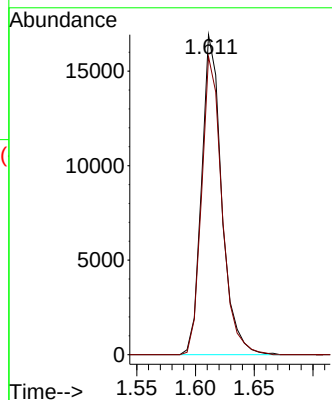
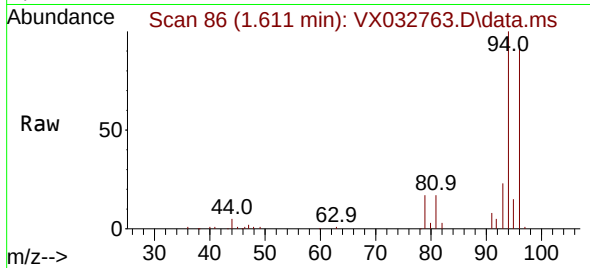
#5
Bromomethane
Concen: 20.043 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 2015
Ion Ratio Lower Upper
94 100
96 93.2 76.8 115.2

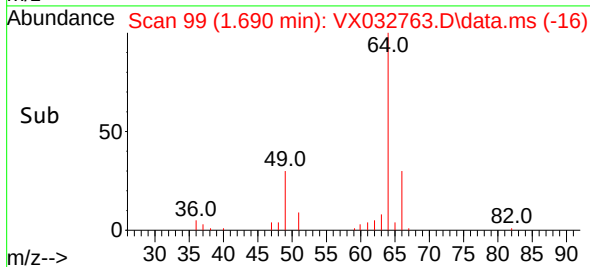
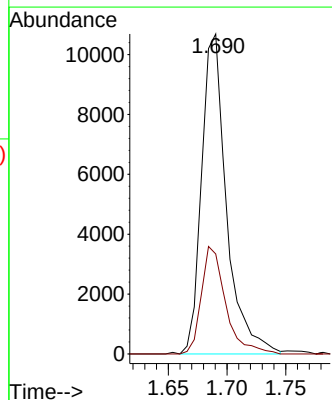
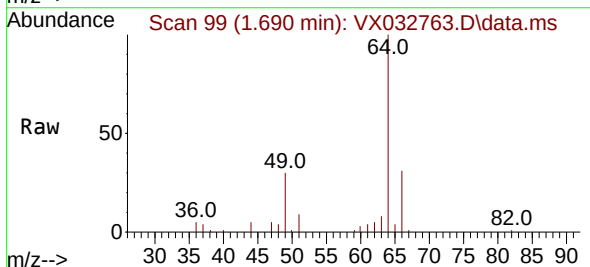
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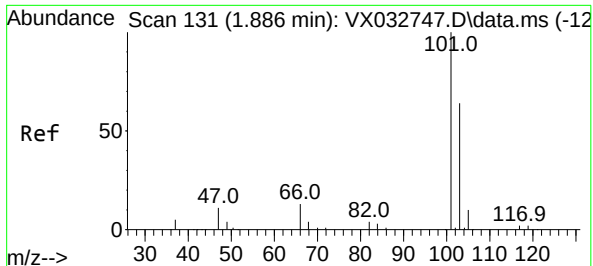
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#6
Chloroethane
Concen: 17.624 ug/l
RT: 1.690 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

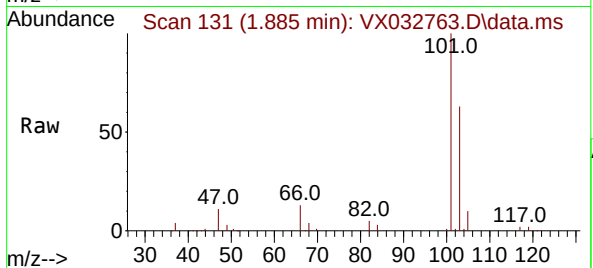
Tgt Ion: 64 Resp: 15769
Ion Ratio Lower Upper
64 100
66 31.3 30.6 46.0





#7
 Trichlorofluoromethane
 Concen: 20.495 ug/l
 RT: 1.885 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX032763.D
 Acq: 11 Nov 2022 10:46

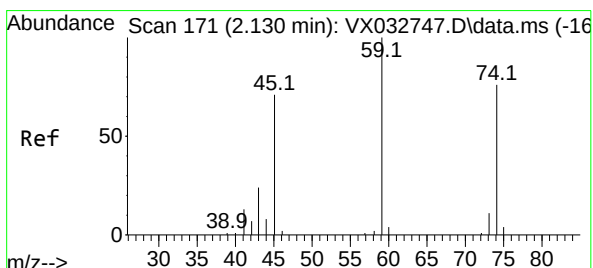
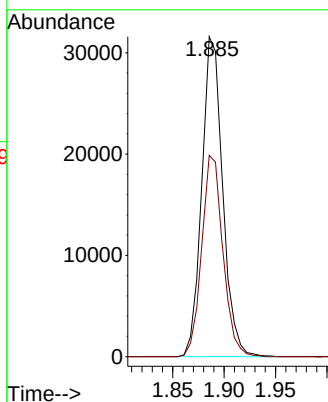
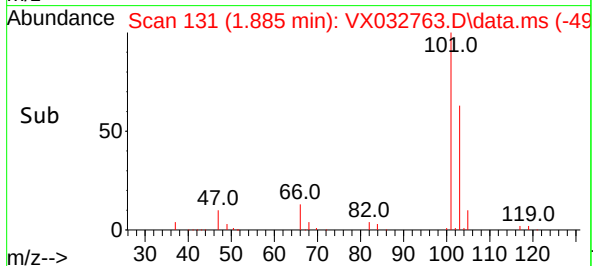
Instrument :
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Tgt Ion:101 Resp: 44754
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.7 77.5

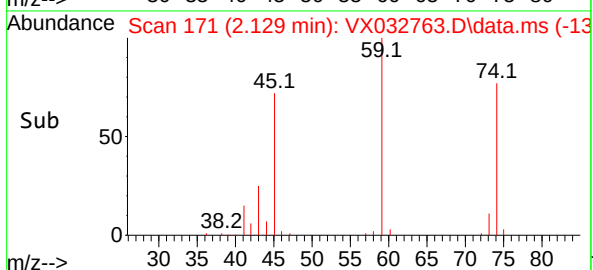
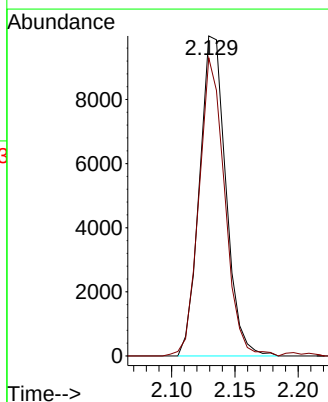
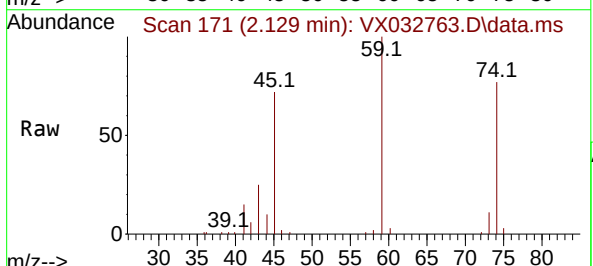
Manual Integrations
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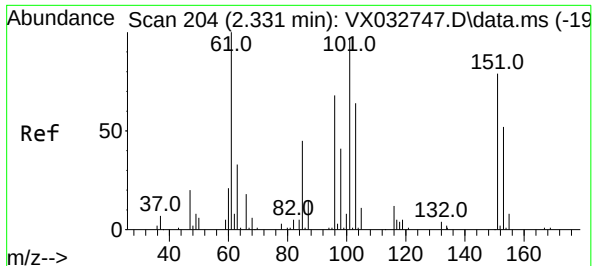
Reviewed By :John Carlone 11/14/2022
 Supervised By :Mahesh Dadoda 11/14/2022



#8
 Diethyl Ether
 Concen: 20.543 ug/l
 RT: 2.129 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX032763.D
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Tgt Ion: 74 Resp: 14504
 Ion Ratio Lower Upper
 74 100
 45 90.0 14.2 127.8





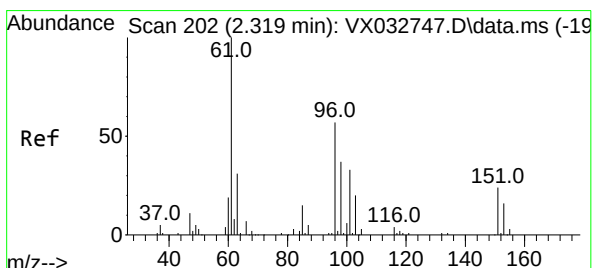
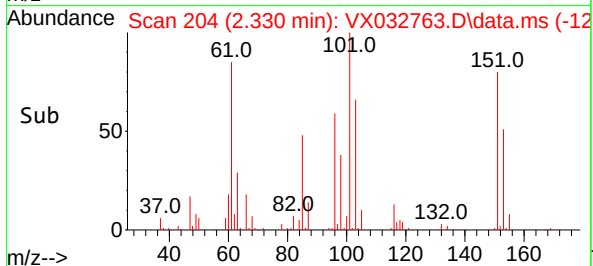
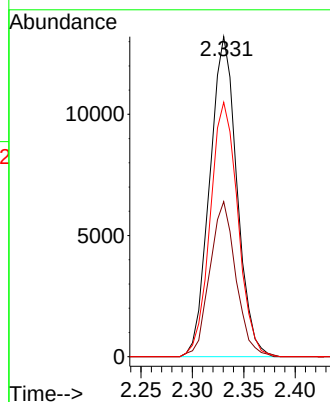
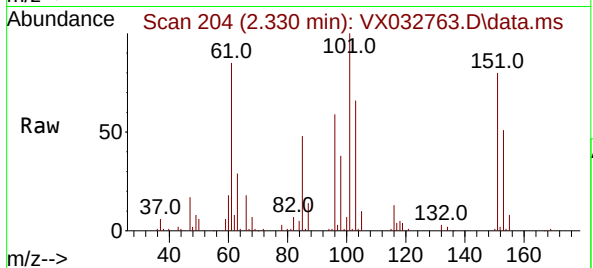
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1,1,2-Trichlorotrifluoroethane
Concen: 20.964 ug/l
RT: 2.330 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 2435
Ion Ratio Lower Upper
101 100
85 46.3 0.0 88.8
151 80.9 0.0 156.6

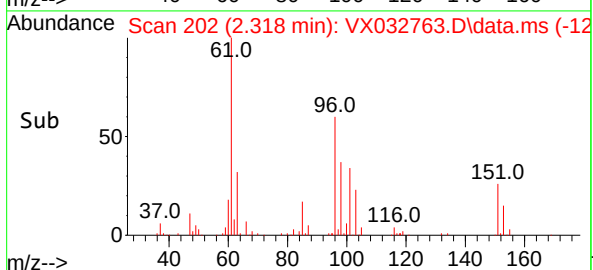
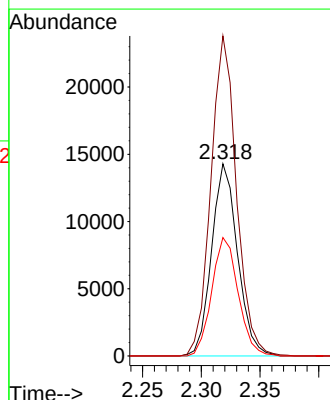
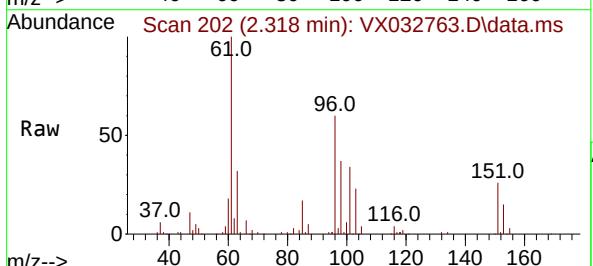
Manual Integrations
APPROVED

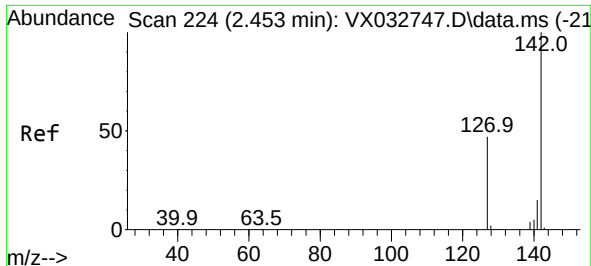
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#10
1,1-Dichloroethene
Concen: 19.774 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

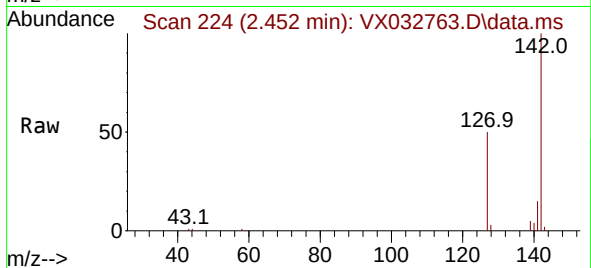
Tgt Ion: 96 Resp: 21943
Ion Ratio Lower Upper
96 100
61 166.6 115.8 173.6
98 61.7 49.7 74.5





#11
Methyl Iodide
Concen: 19.537 ug/l
RT: 2.452 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

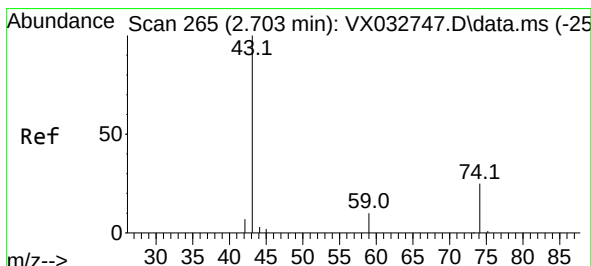
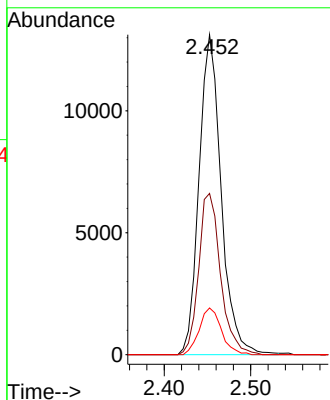
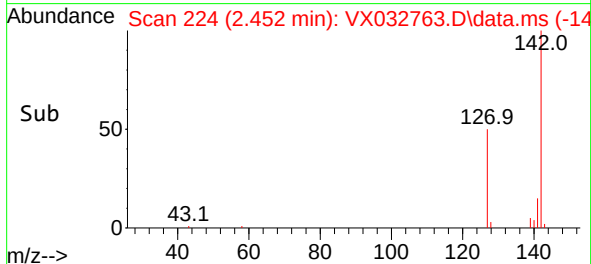
Instrument :
MSVOA_X
ClientSampleId :
VX1111WBSD01



Tgt Ion:142 Resp: 2330
Ion Ratio Lower Upper
142 100
127 50.5 23.8 71.2
141 14.6 7.6 22.8

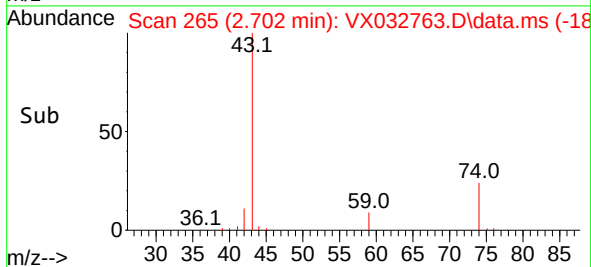
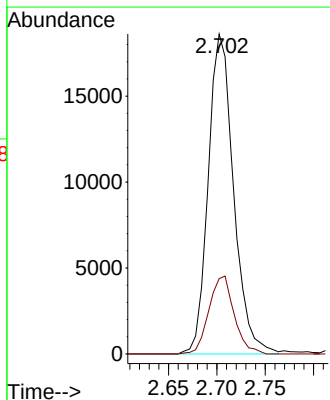
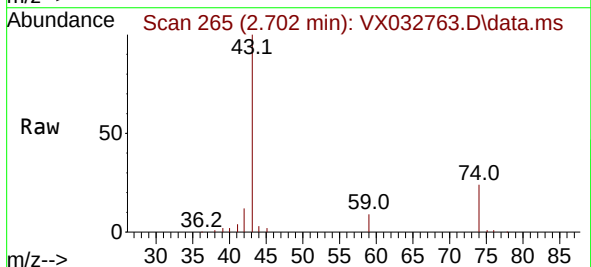
Manual Integrations
APPROVED

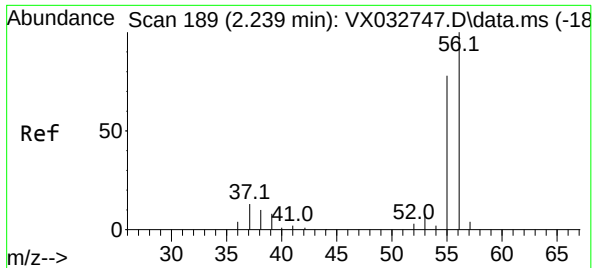
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#12
Methyl Acetate
Concen: 20.659 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

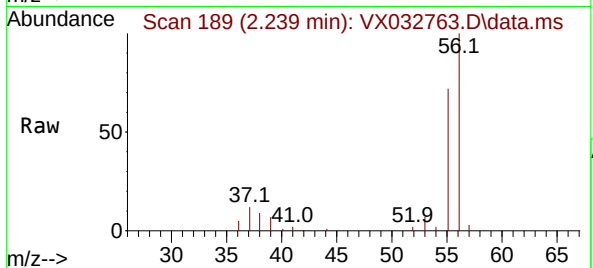
Tgt Ion: 43 Resp: 33959
Ion Ratio Lower Upper
43 100
74 23.7 24.8 37.2#





#13
Acrolein
Concen: 109.561 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

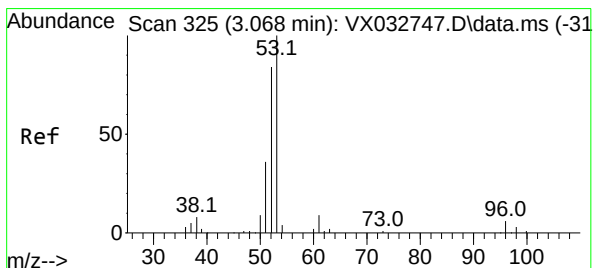
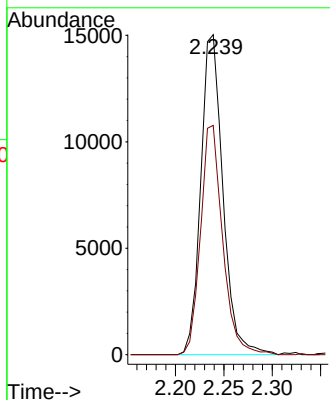
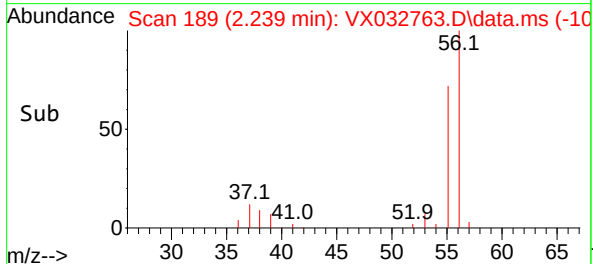
Instrument :
MSVOA_X
ClientSampleId :
VX1111WBSD01



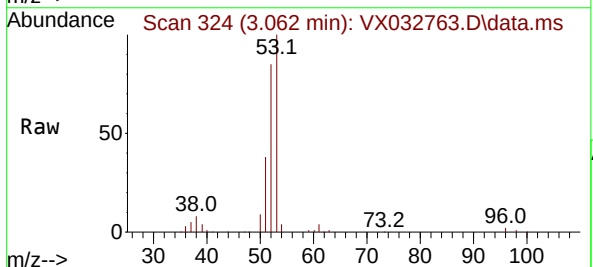
Tgt Ion: 56 Resp: 24010
Ion Ratio Lower Upper
56 100
55 71.5 58.4 87.6

Manual Integrations
APPROVED

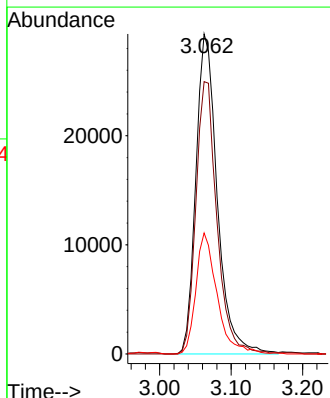
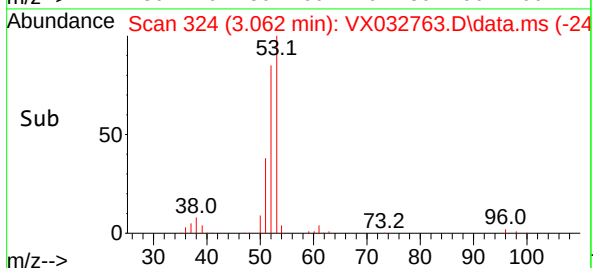
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

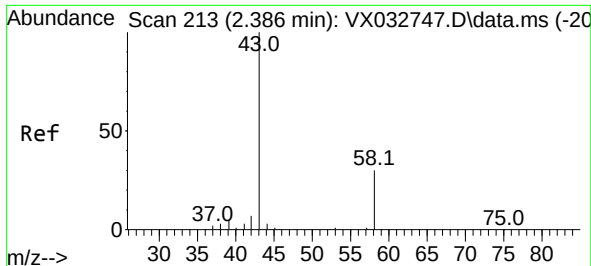


#14
Acrylonitrile
Concen: 103.718 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.006 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46



Tgt Ion: 53 Resp: 61118
Ion Ratio Lower Upper
53 100
52 83.4 41.5 124.5
51 37.3 18.3 54.9





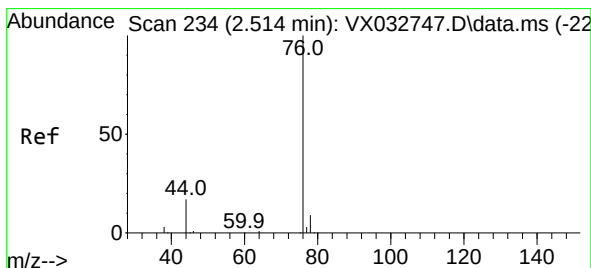
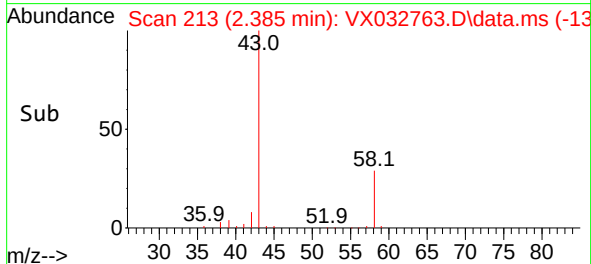
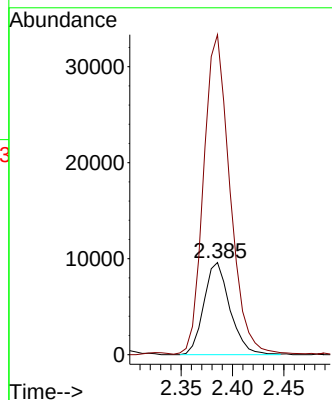
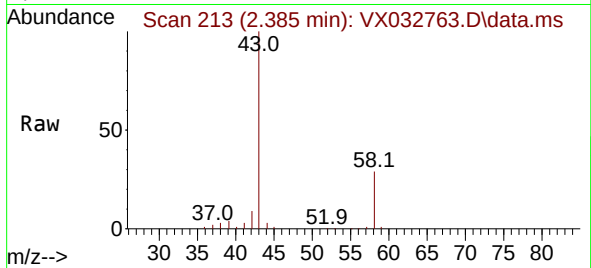
#15
Acetone
Concen: 110.396 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBSD01

Tgt Ion: 58 Resp: 16910
Ion Ratio Lower Upper
58 100
43 345.3 242.6 364.0

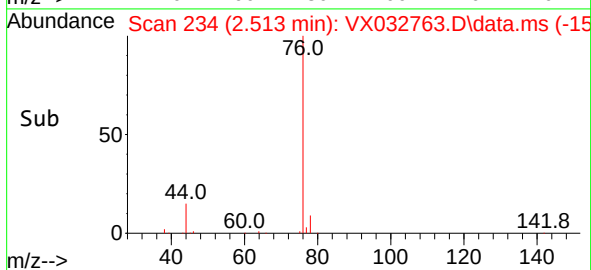
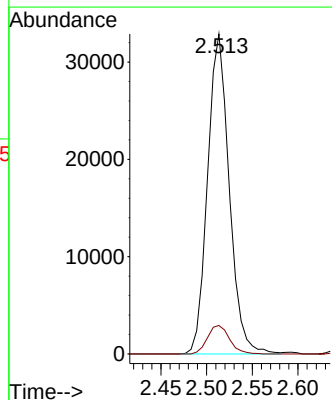
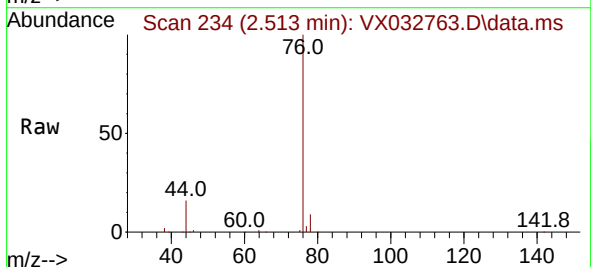
Manual Integrations
APPROVED

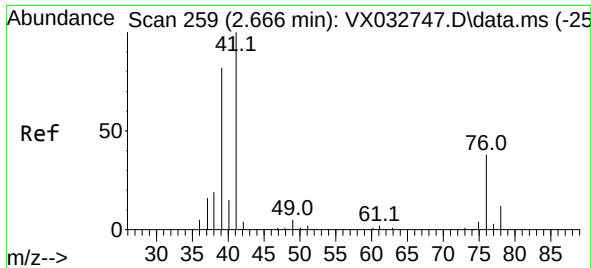
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#16
Carbon Disulfide
Concen: 19.591 ug/l
RT: 2.513 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

Tgt Ion: 76 Resp: 54118
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3





#17

Allyl chloride

Concen: 20.329 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX032763.D

Acq: 11 Nov 2022 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX1111WBSD01

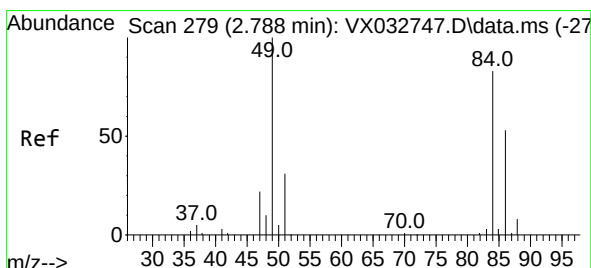
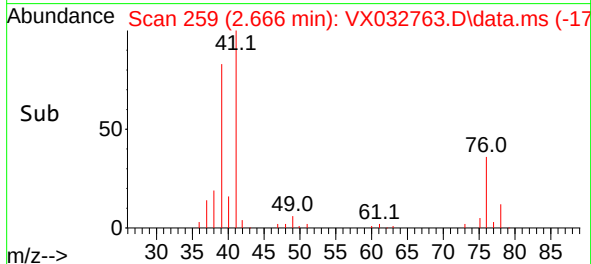
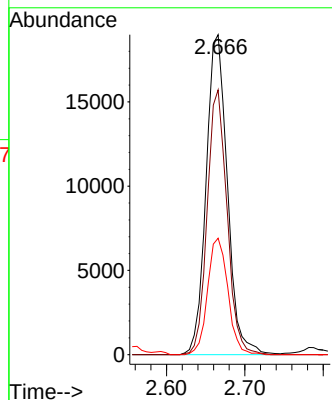
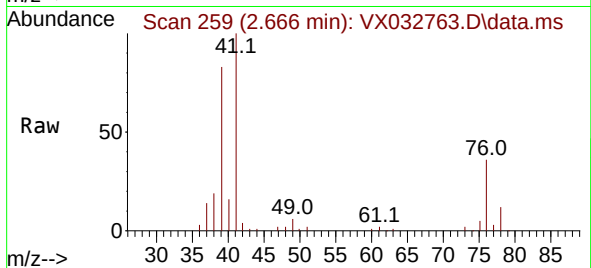
Tgt Ion: 41	Resp: 3584
Ion Ratio	Lower Upper
41 100	
39 82.8	37.0 111.0
76 36.4	23.8 71.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#18

Methylene Chloride

Concen: 19.405 ug/l

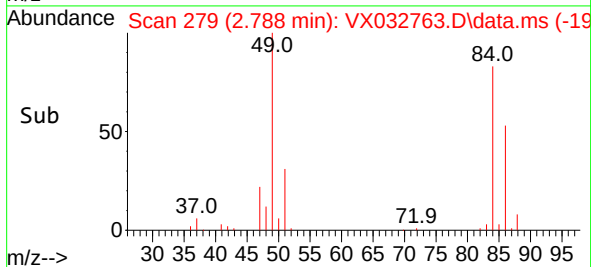
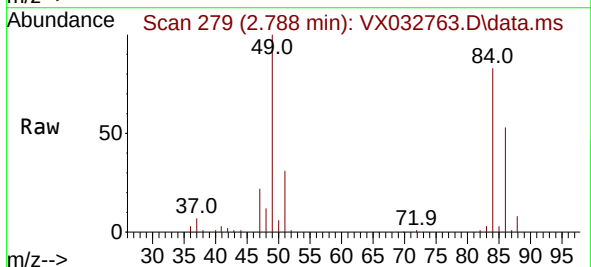
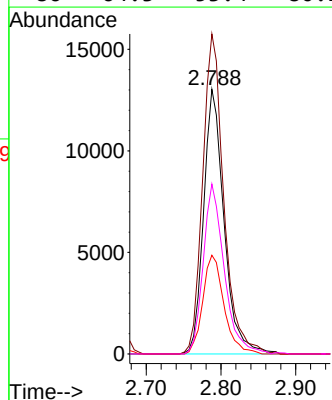
RT: 2.788 min Scan# 279

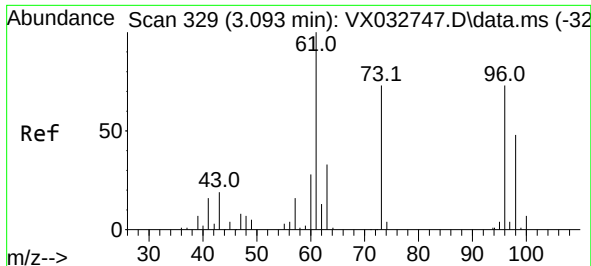
Delta R.T. -0.000 min

Lab File: VX032763.D

Acq: 11 Nov 2022 10:46

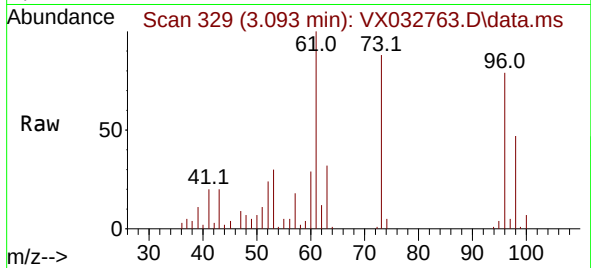
Tgt Ion: 84	Resp: 24833
Ion Ratio	Lower Upper
84 100	
49 120.9	84.6 127.0
51 37.3	26.5 39.7
86 64.3	53.4 80.2





#19
trans-1,2-Dichloroethene
Concen: 19.695 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

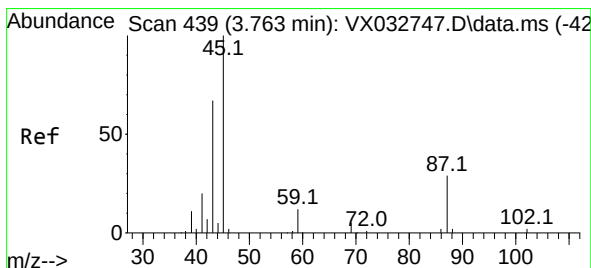
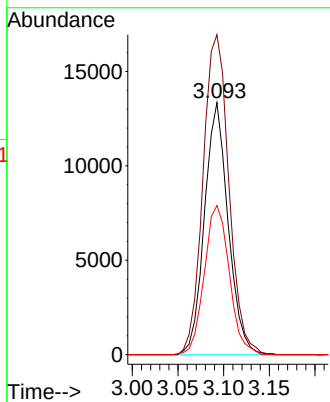
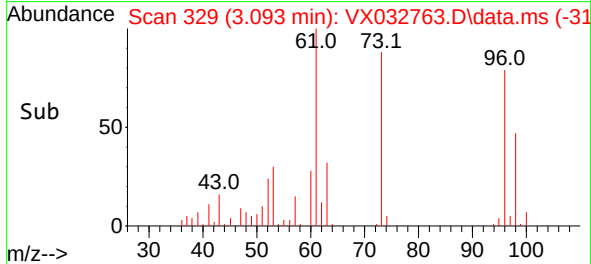
Instrument :
MSVOA_X
ClientSampleId :
VX1111WBSD01



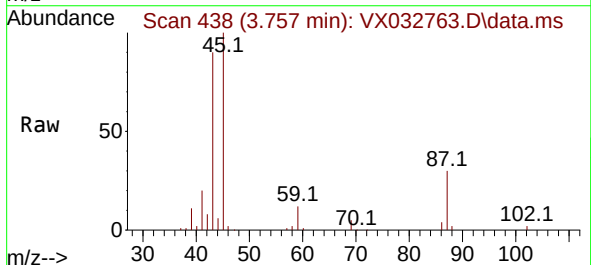
Tgt Ion: 96 Resp: 24075
Ion Ratio Lower Upper
96 100
61 127.0 87.4 131.0
98 59.2 51.5 77.3

Manual Integrations
APPROVED

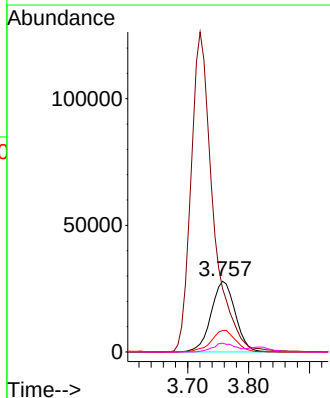
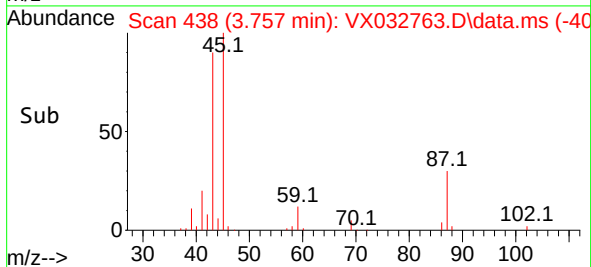
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

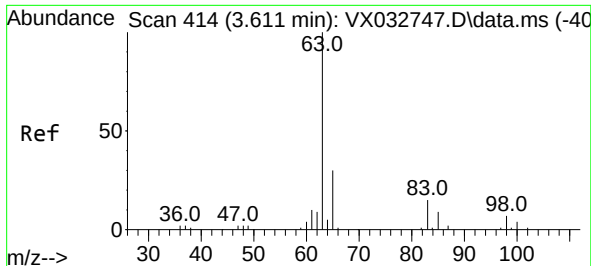


#20
Diisopropyl ether
Concen: 19.441 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46



Tgt Ion: 45 Resp: 76863
Ion Ratio Lower Upper
45 100
43 88.1 74.5 111.7
87 30.3 30.4 45.6#
59 12.4 10.7 16.1





#21

1,1-Dichloroethane

Concen: 19.726 ug/l

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX032763.D

Acq: 11 Nov 2022 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX1111WBSD01

Tgt Ion: 63 Resp: 4378

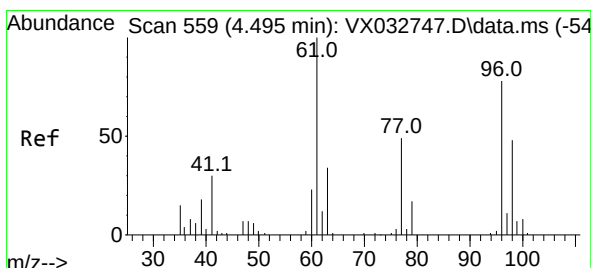
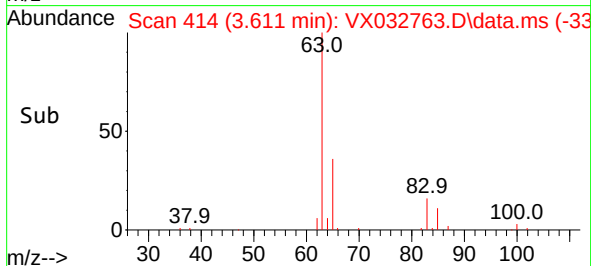
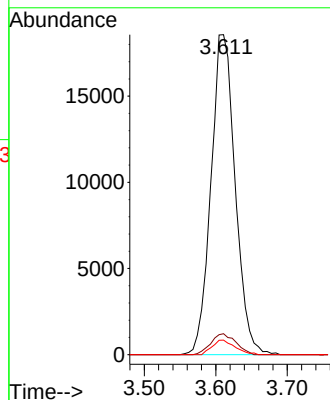
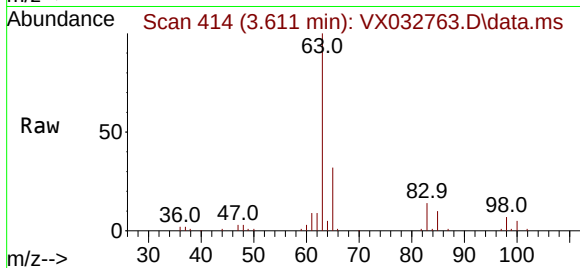
Ion	Ratio	Lower	Upper
63	100		
98	6.5	4.5	13.7
100	4.6	2.8	8.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#22

cis-1,2-Dichloroethene

Concen: 19.739 ug/l

RT: 4.489 min Scan# 558

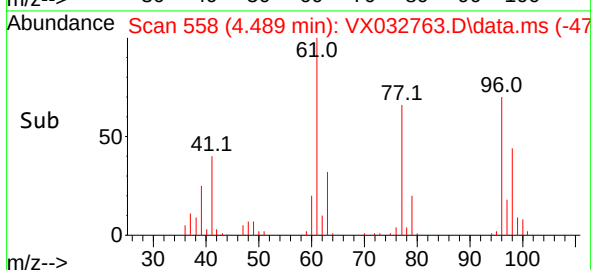
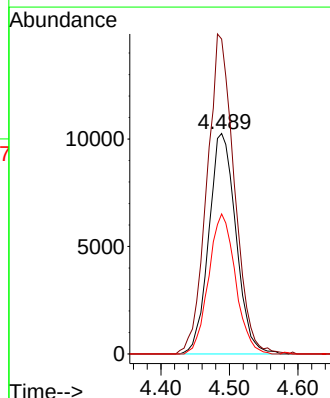
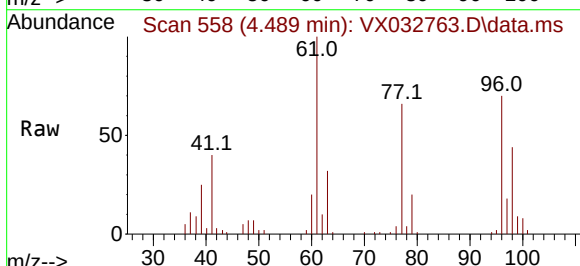
Delta R.T. -0.006 min

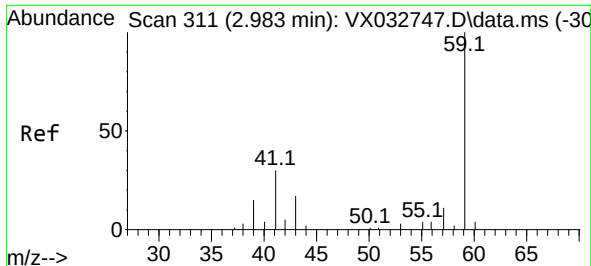
Lab File: VX032763.D

Acq: 11 Nov 2022 10:46

Tgt Ion: 96 Resp: 28172

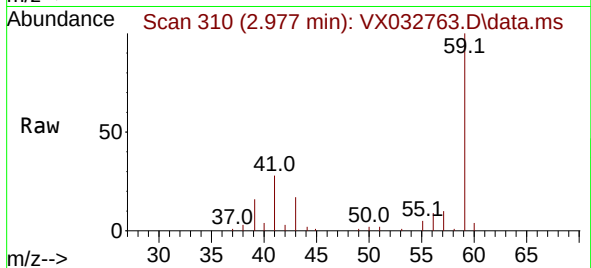
Ion	Ratio	Lower	Upper
96	100		
61	146.5	98.0	147.0
98	62.7	52.2	78.4





#23
tert-Butyl Alcohol
Concen: 128.425 ug/l
RT: 2.977 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

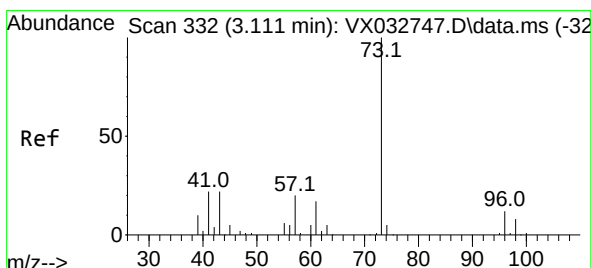
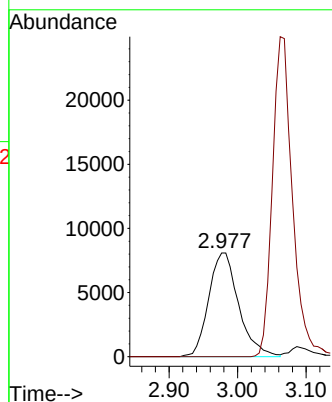
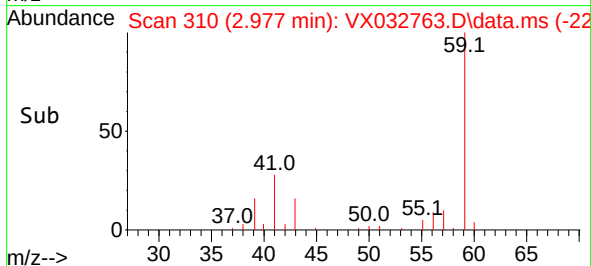
Instrument :
MSVOA_X
ClientSampleId :
VX1111WBSD01



Tgt Ion: 59 Resp: 24572
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

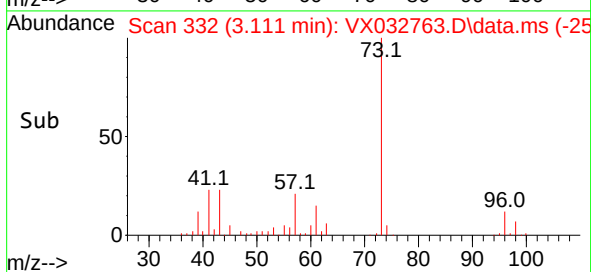
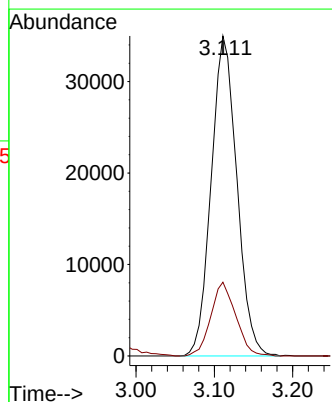
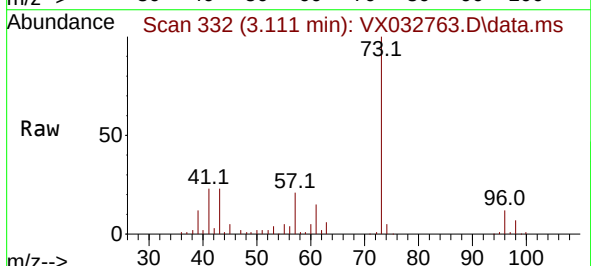
Manual Integrations
APPROVED

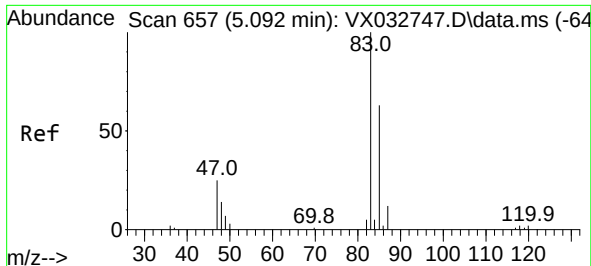
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#24
Methyl tert-Butyl Ether
Concen: 20.068 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

Tgt Ion: 73 Resp: 79741
Ion Ratio Lower Upper
73 100
43 22.4 14.8 22.2#





#25

Chloroform

Concen: 19.456 ug/l

RT: 5.092 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX032763.D

Acq: 11 Nov 2022 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX1111WBSD01

Tgt Ion: 83 Resp: 4816

Ion Ratio Lower Upper

83 100

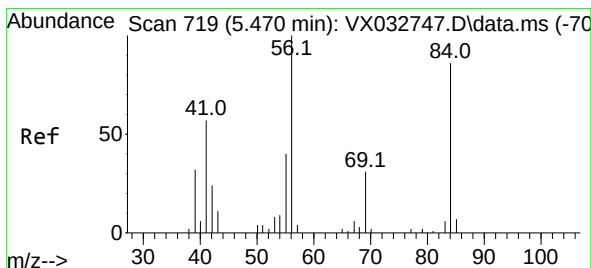
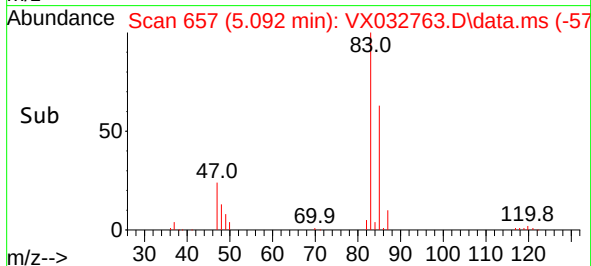
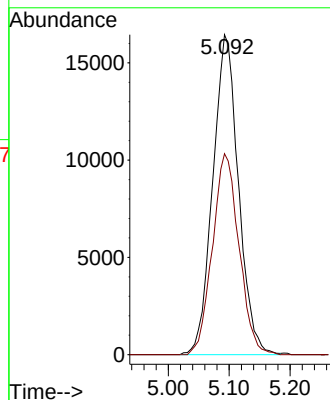
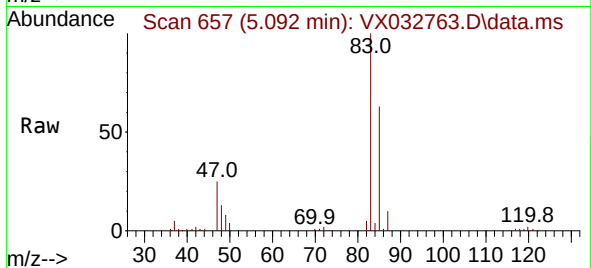
85 62.8 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#26

Cyclohexane

Concen: 19.633 ug/l

RT: 5.476 min Scan# 720

Delta R.T. 0.006 min

Lab File: VX032763.D

Acq: 11 Nov 2022 10:46

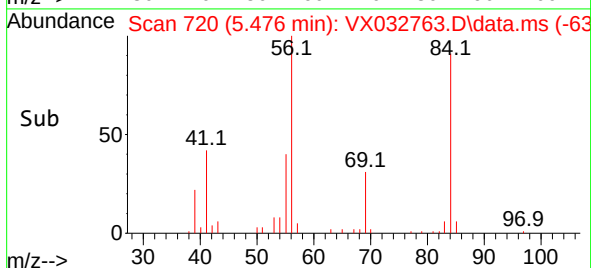
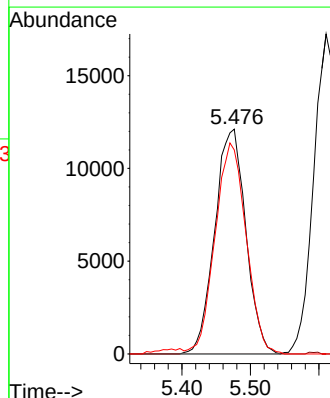
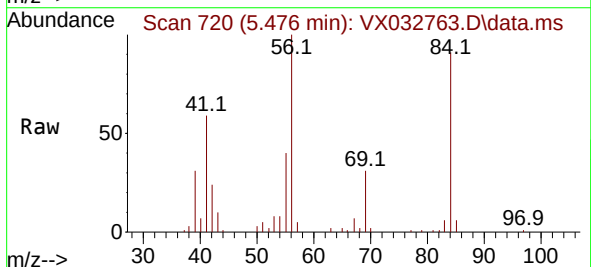
Tgt Ion: 56 Resp: 38054

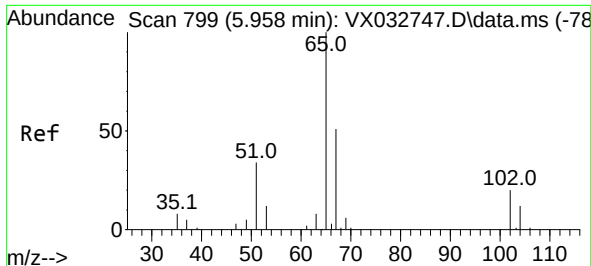
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 94.0 86.6 130.0





#27

1,2-Dichloroethane-d4

Concen: 30.455 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032763.D

Acq: 11 Nov 2022 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX1111WBSD01

Tgt Ion: 65 Resp: 3351

Ion Ratio Lower Upper

65 100

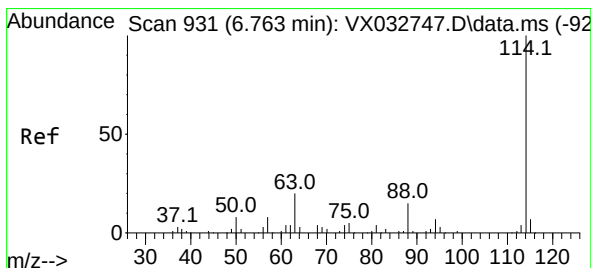
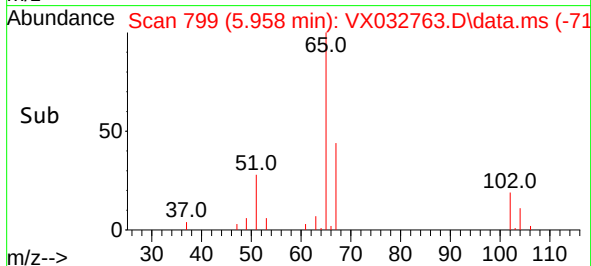
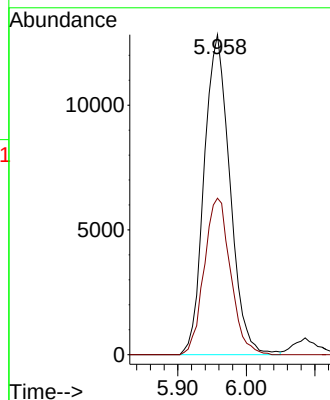
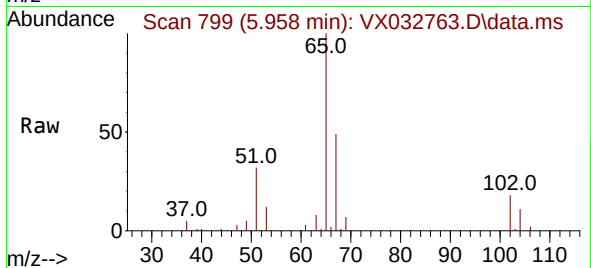
67 50.0 41.8 62.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032763.D

Acq: 11 Nov 2022 10:46

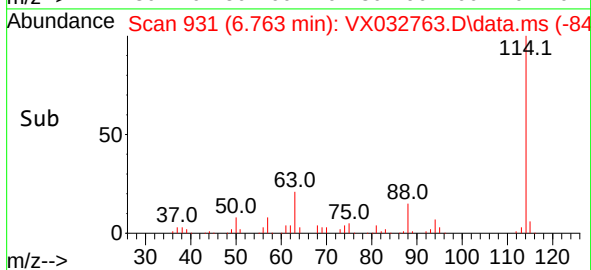
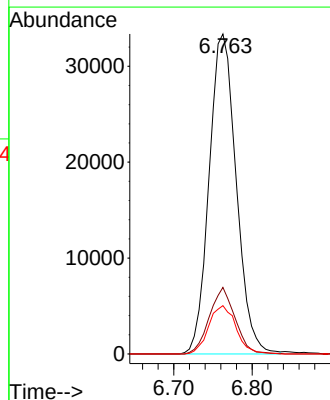
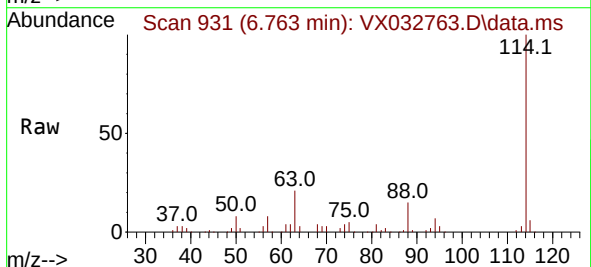
Tgt Ion:114 Resp: 80340

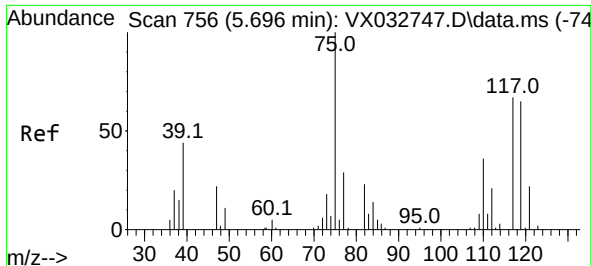
Ion Ratio Lower Upper

114 100

63 19.5 13.6 20.4

88 15.3 11.8 17.6





#29

1,1-Dichloropropene

Concen: 19.902 ug/l

RT: 5.690 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX032763.D

Acq: 11 Nov 2022 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX1111WBSD01

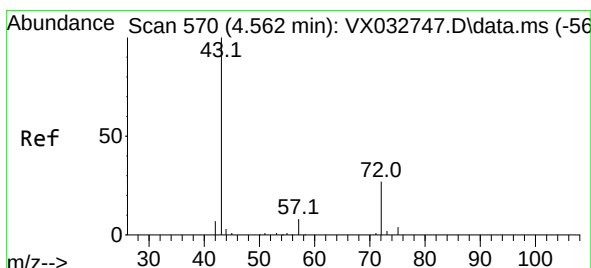
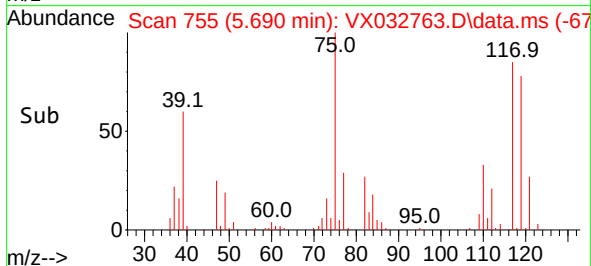
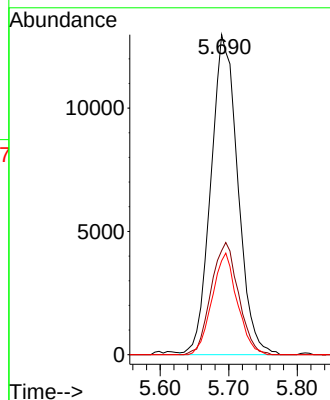
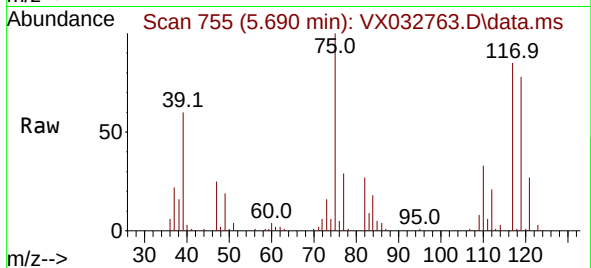
Tgt Ion: 75	Resp: 3546
Ion Ratio	Lower Upper
75 100	
110 35.6	0.0 80.4
77 29.7	0.0 62.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#30

2-Butanone

Concen: 106.792 ug/l

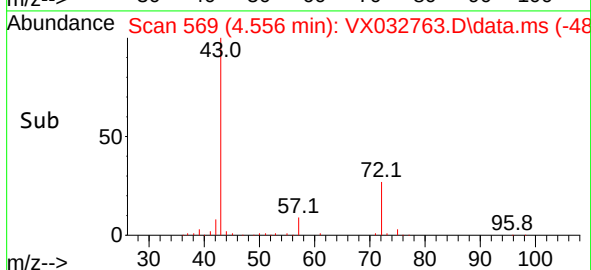
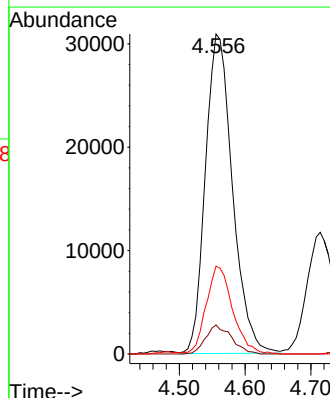
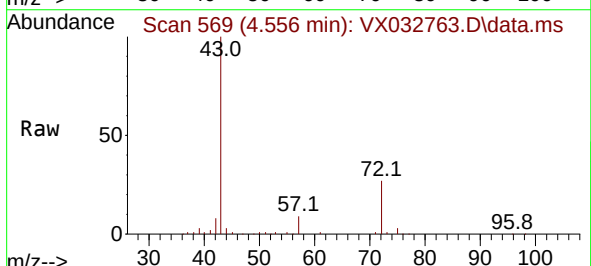
RT: 4.556 min Scan# 569

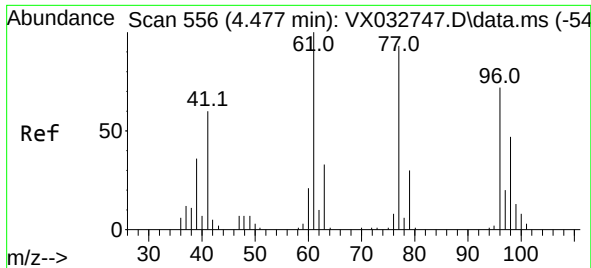
Delta R.T. -0.006 min

Lab File: VX032763.D

Acq: 11 Nov 2022 10:46

Tgt Ion: 43	Resp: 88724
Ion Ratio	Lower Upper
43 100	
57 8.6	7.5 11.3
72 26.0	26.6 39.8





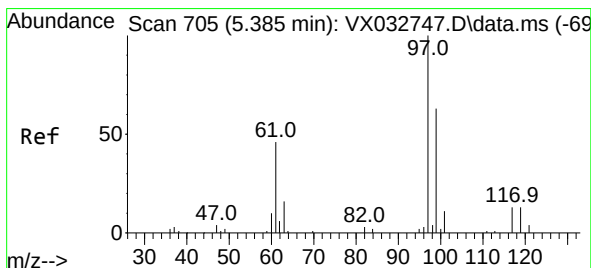
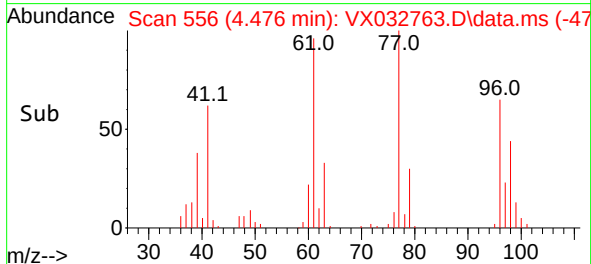
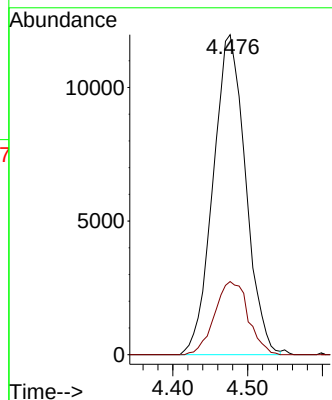
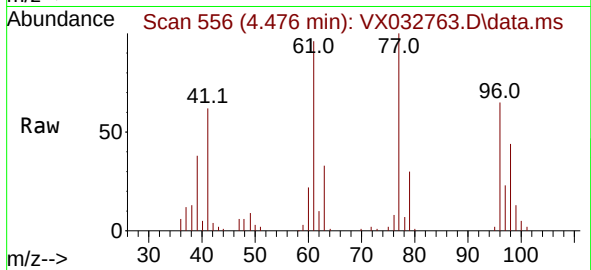
#31
2,2-Dichloropropane
Concen: 23.726 ug/l
RT: 4.476 min Scan# 511
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBSD01

Tgt Ion: 77 Resp: 3615
Ion Ratio Lower Upper
77 100
97 23.6 20.0 30.0

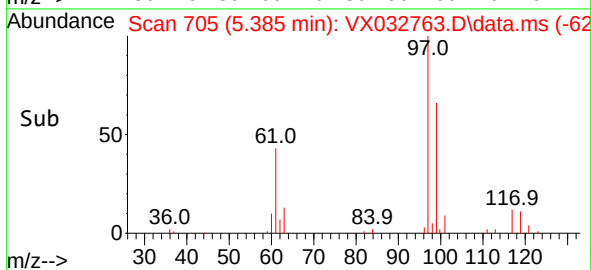
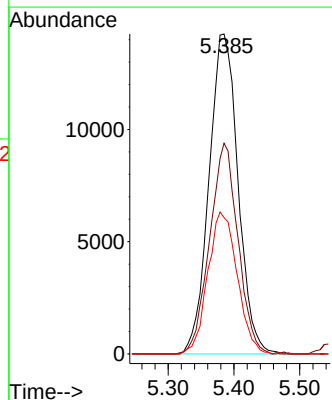
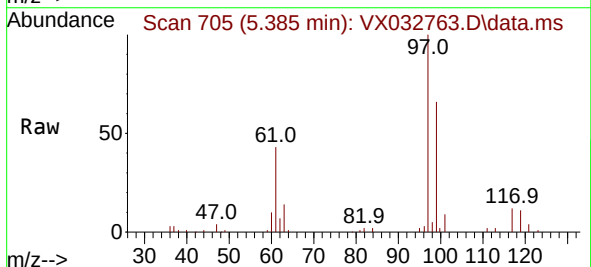
Manual Integrations
APPROVED

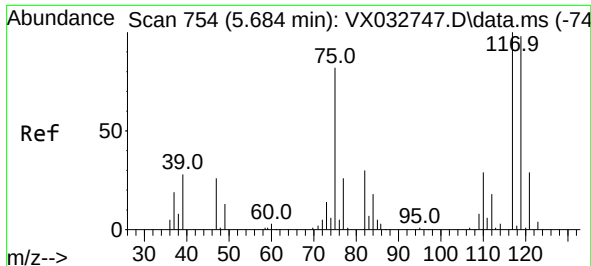
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#32
1,1,1-Trichloroethane
Concen: 19.538 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

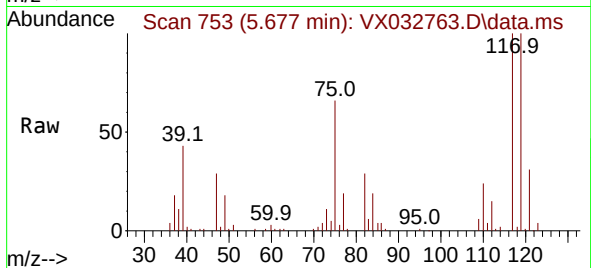
Tgt Ion: 97 Resp: 43791
Ion Ratio Lower Upper
97 100
99 64.2 53.8 80.6
61 44.8 31.3 46.9





#33
Carbon Tetrachloride
Concen: 19.423 ug/l
RT: 5.677 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

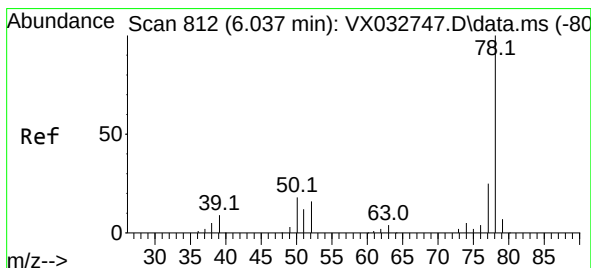
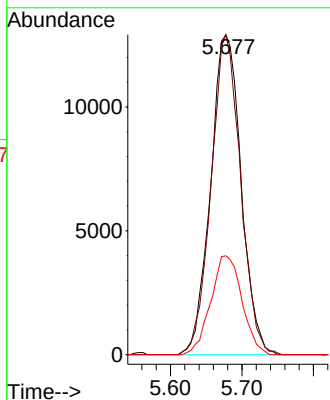
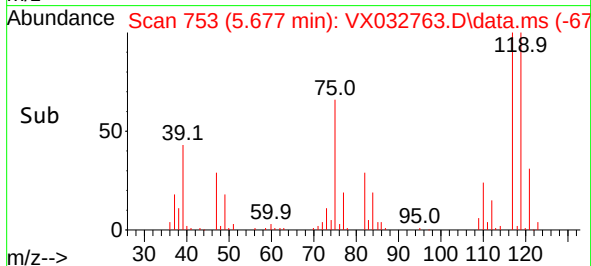
Instrument :
MSVOA_X
ClientSampleId :
VX1111WBSD01



Tgt Ion: 117 Resp: 3822
Ion Ratio Lower Upper
117 100
119 99.9 75.4 113.2
121 30.9 24.4 36.6

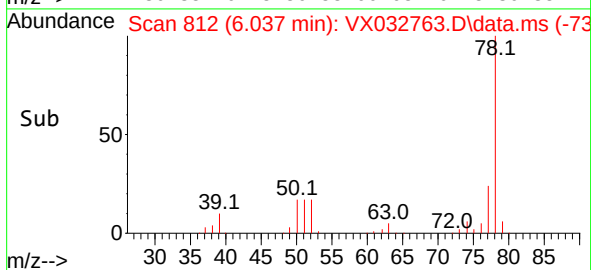
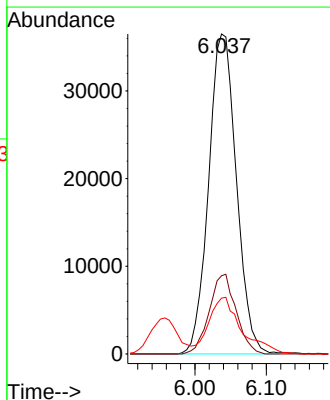
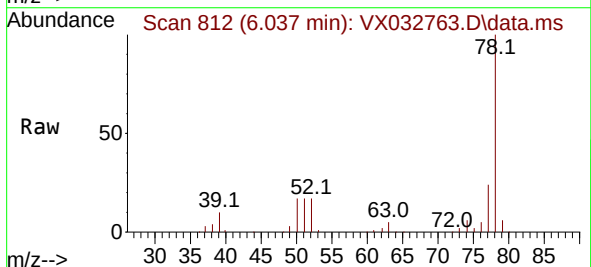
Manual Integrations
APPROVED

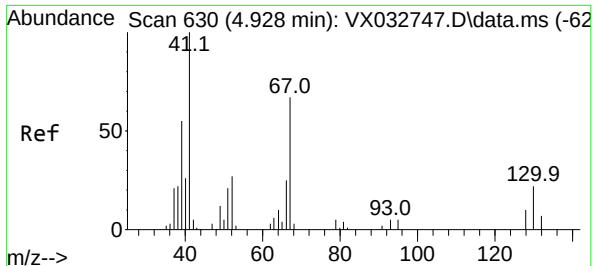
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#34
Benzene
Concen: 19.615 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

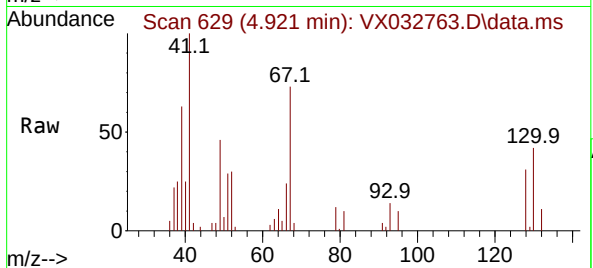
Tgt Ion: 78 Resp: 98473
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.6
51 16.5 10.6 15.8#





#35
Methacrylonitrile
Concen: 20.376 ug/l
RT: 4.921 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

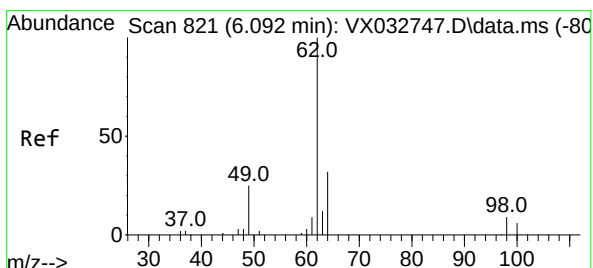
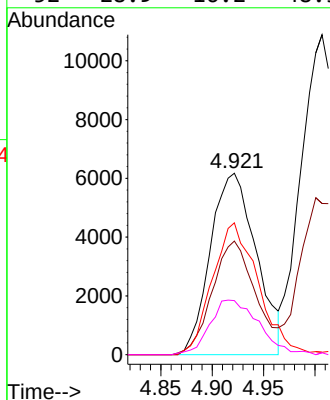
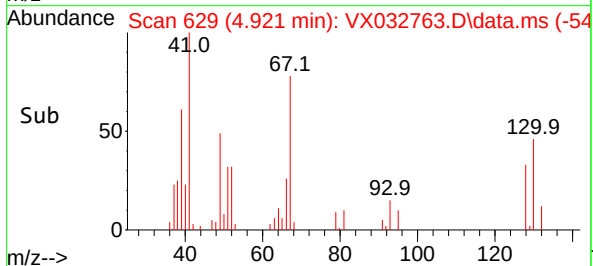
Instrument :
MSVOA_X
ClientSampleId :
VX1111WBSD01



Tgt Ion: 41 Resp: 1917
Ion Ratio Lower Upper
41 100
39 61.6 26.9 80.7
67 72.6 40.6 121.8
52 28.9 16.2 48.5

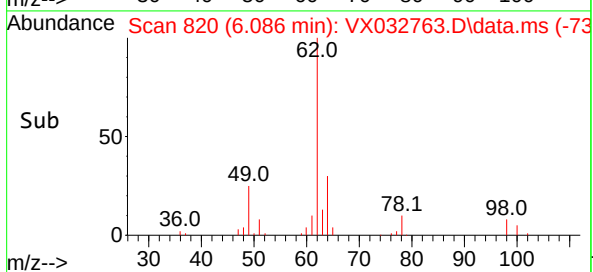
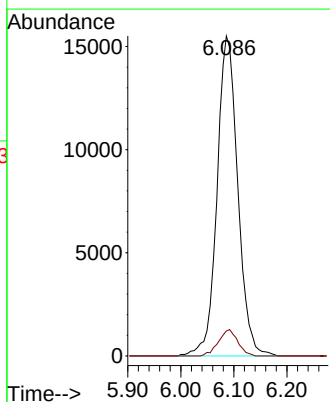
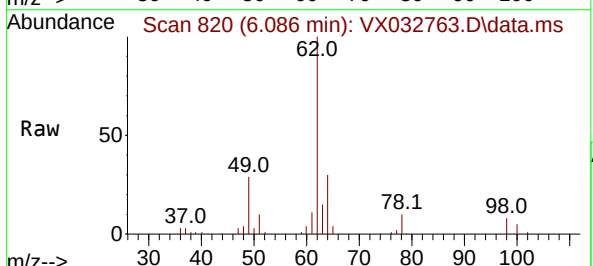
Manual Integrations
APPROVED

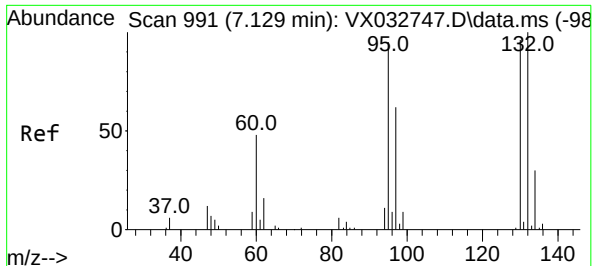
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#36
1,2-Dichloroethane
Concen: 20.375 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

Tgt Ion: 62 Resp: 42110
Ion Ratio Lower Upper
62 100
98 7.7 8.8 13.2#





#37

Trichloroethene

Concen: 19.644 ug/l

RT: 7.128 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX032763.D

Acq: 11 Nov 2022 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX1111WBSD01

Tgt Ion:130 Resp: 27590

Ion Ratio Lower Upper

130 100

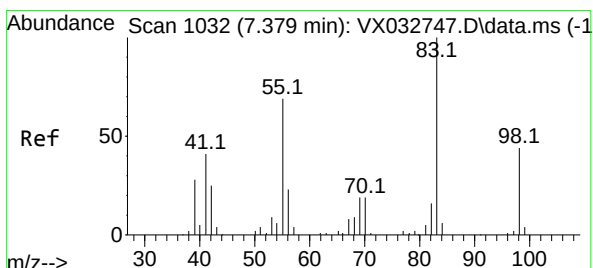
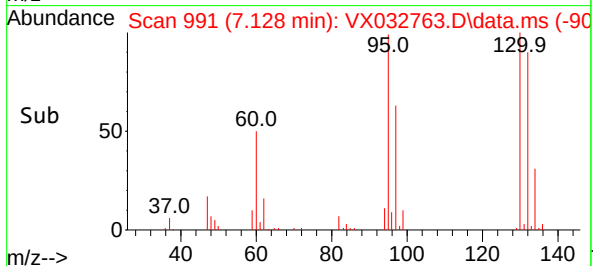
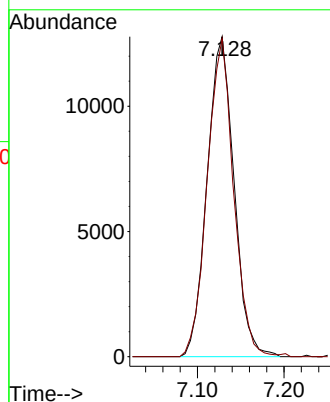
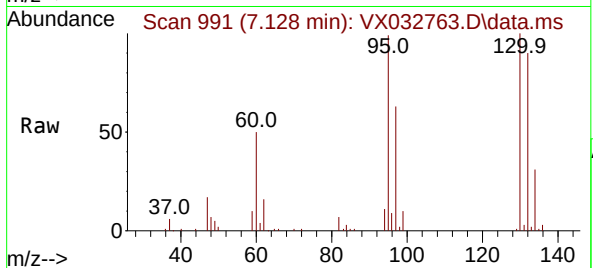
95 99.4 72.4 108.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#38

Methylcyclohexane

Concen: 20.548 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX032763.D

Acq: 11 Nov 2022 10:46

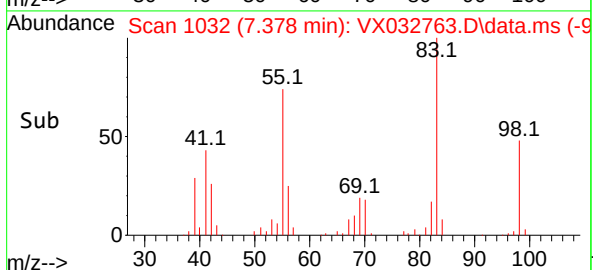
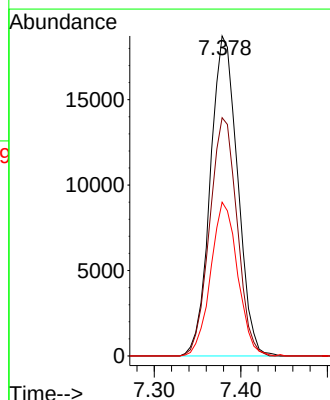
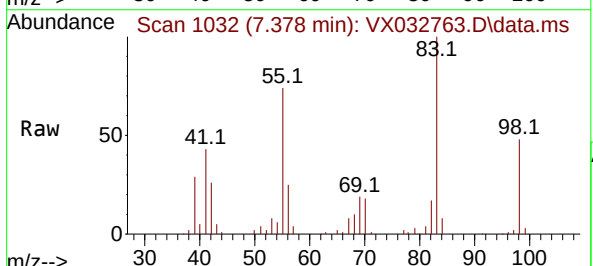
Tgt Ion: 83 Resp: 41021

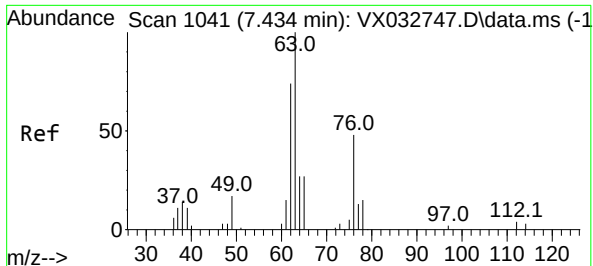
Ion Ratio Lower Upper

83 100

55 74.7 31.6 94.7

98 47.4 26.9 80.6





#39

1,2-Dichloropropane

Concen: 19.653 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX032763.D

Acq: 11 Nov 2022 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX1111WBSD01

Tgt Ion: 63 Resp: 2497

Ion Ratio Lower Upper

63 100

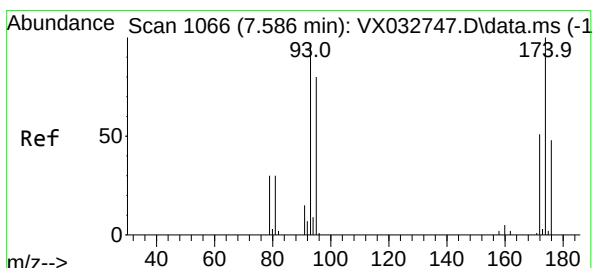
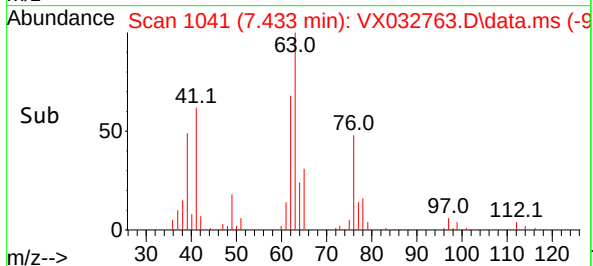
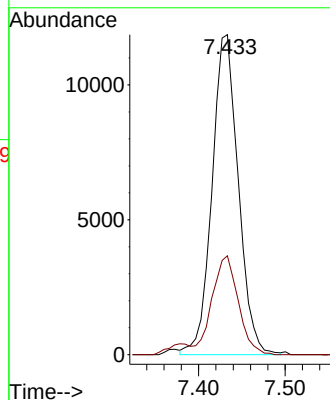
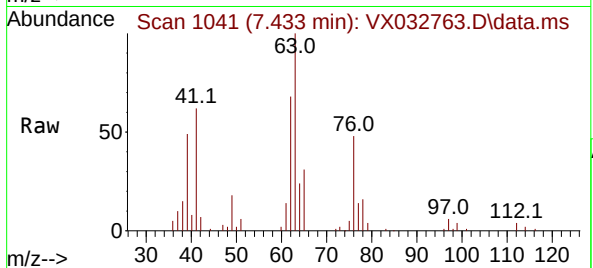
65 31.1 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#40

Dibromomethane

Concen: 20.074 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX032763.D

Acq: 11 Nov 2022 10:46

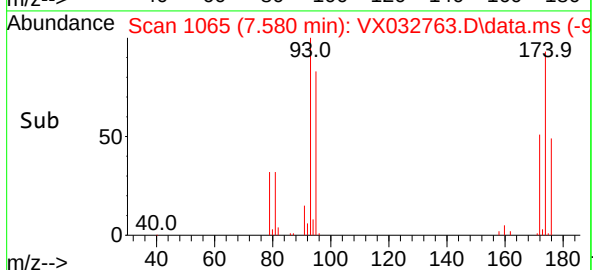
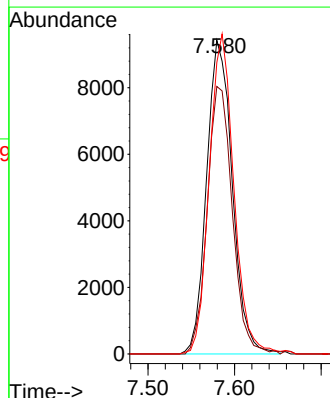
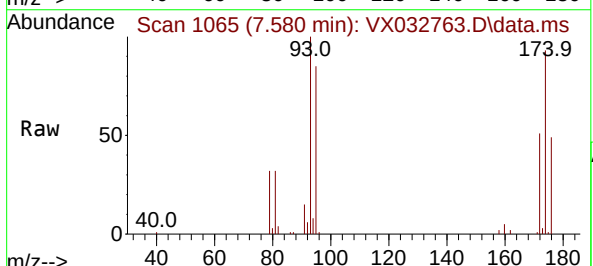
Tgt Ion: 93 Resp: 19477

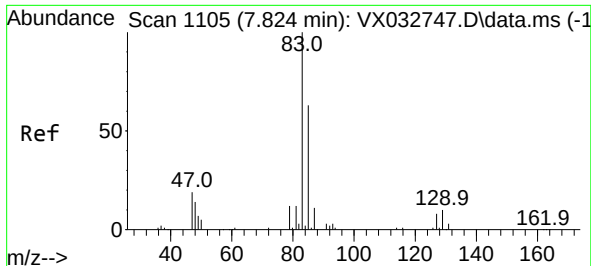
Ion Ratio Lower Upper

93 100

95 82.9 0.0 165.0

174 97.5 0.0 205.2





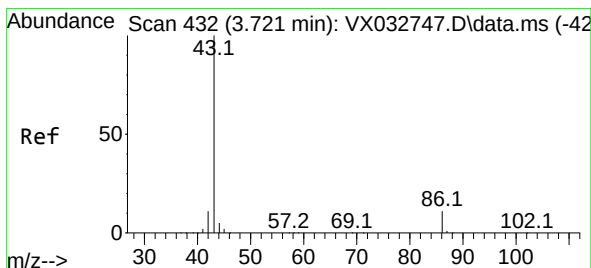
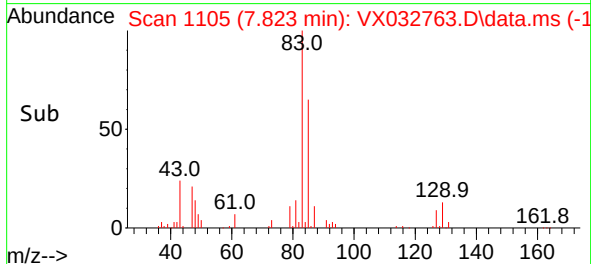
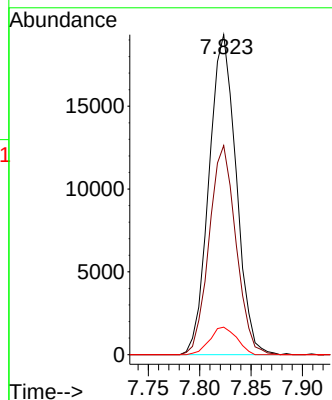
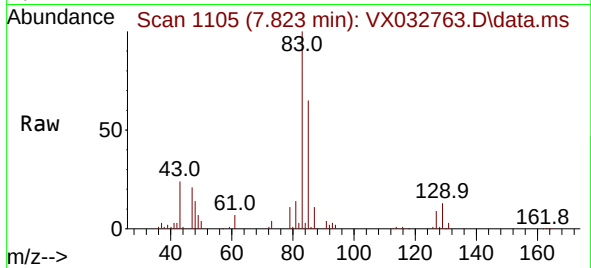
#41
Bromodichloromethane
Concen: 19.179 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBSD01

Tgt Ion: 83 Resp: 35469
Ion Ratio Lower Upper
83 100
85 65.3 52.3 78.5
127 8.6 6.8 10.2

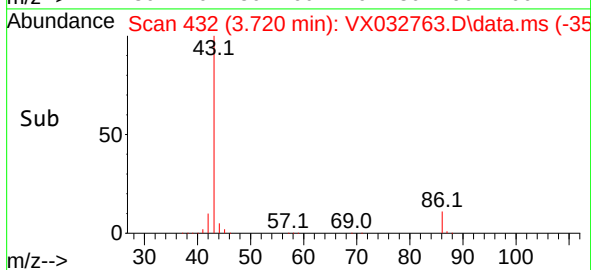
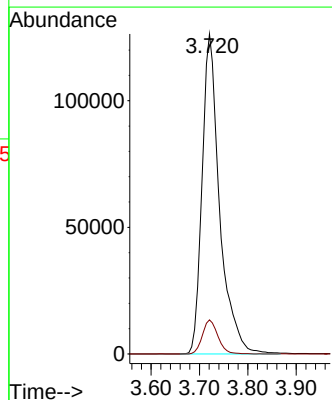
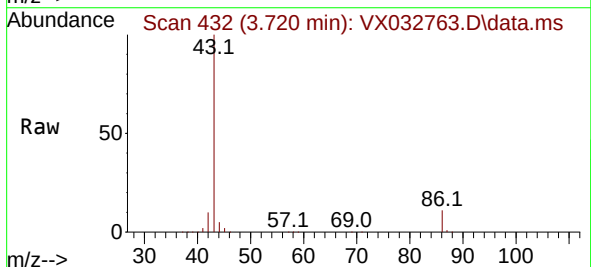
Manual Integrations
APPROVED

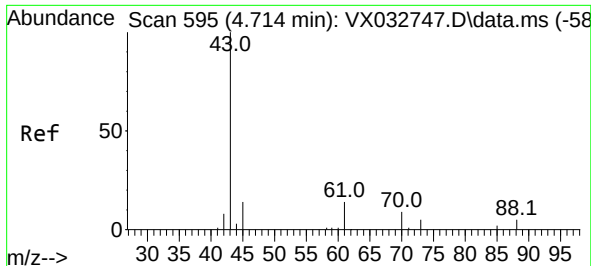
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#42
Vinyl Acetate
Concen: 99.820 ug/l
RT: 3.720 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

Tgt Ion: 43 Resp: 318663
Ion Ratio Lower Upper
43 100
86 9.4 10.3 15.5#





#43

Ethyl Acetate

Concen: 20.696 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX032763.D

Acq: 11 Nov 2022 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX1111WBSD01

Tgt Ion: 43 Resp: 3458

Ion Ratio Lower Upper

43 100

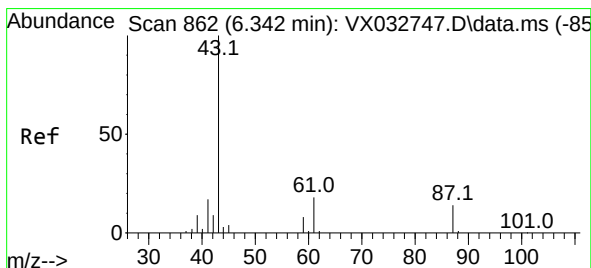
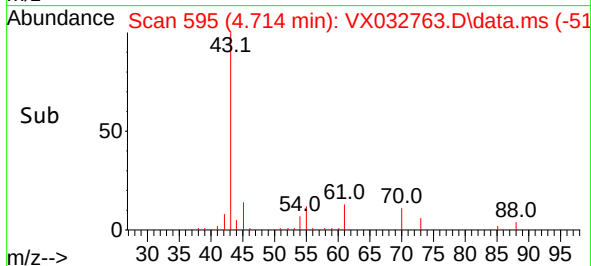
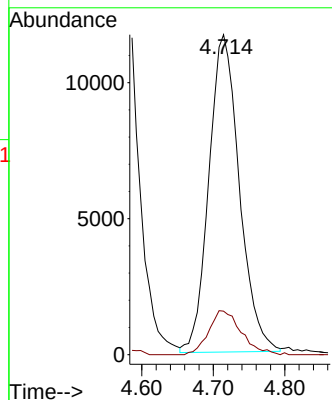
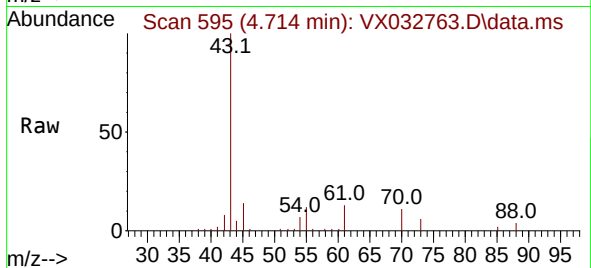
45 14.8 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#44

Isopropyl Acetate

Concen: 20.161 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX032763.D

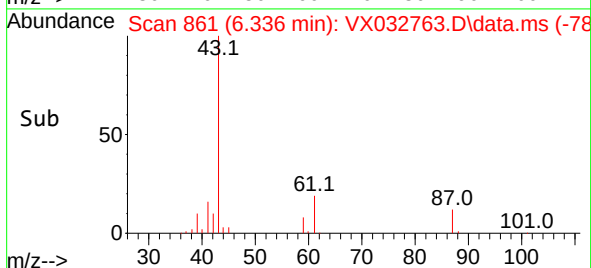
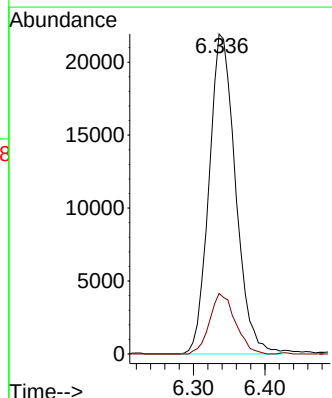
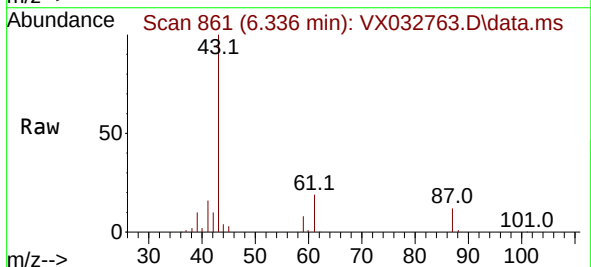
Acq: 11 Nov 2022 10:46

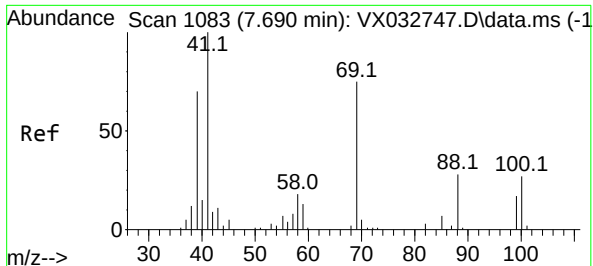
Tgt Ion: 43 Resp: 56465

Ion Ratio Lower Upper

43 100

61 18.3 17.2 25.8





#45

1,4-Dioxane

Concen: 441.046 ug/l

RT: 7.683 min Scan# 1082

Delta R.T. -0.006 min

Lab File: VX032763.D

Acq: 11 Nov 2022 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX1111WBSD01

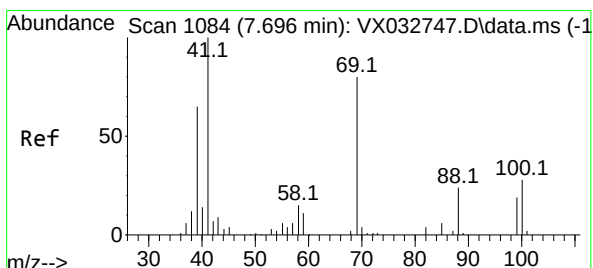
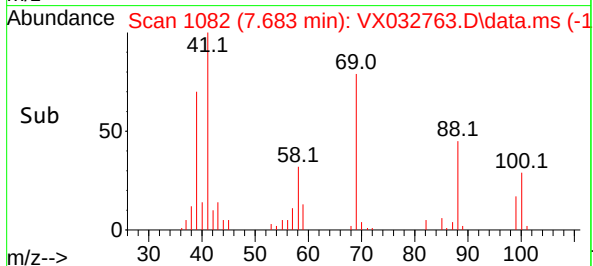
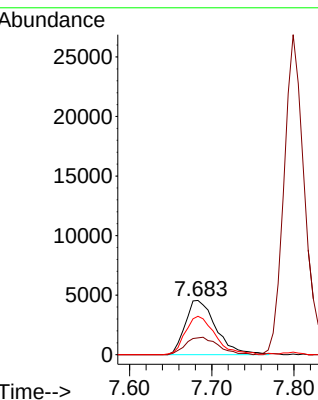
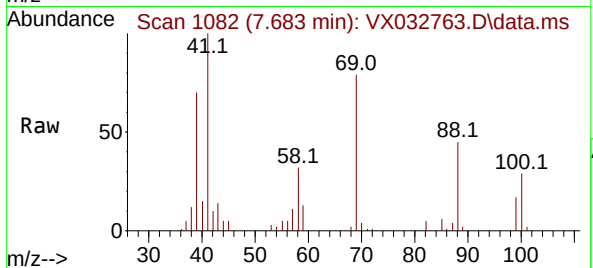
Tgt Ion: 88 Resp: 1186
 Ion Ratio Lower Upper
 88 100
 43 33.6 20.4 30.6
 58 68.3 44.0 66.0

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Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#46

Methyl methacrylate

Concen: 20.124 ug/l

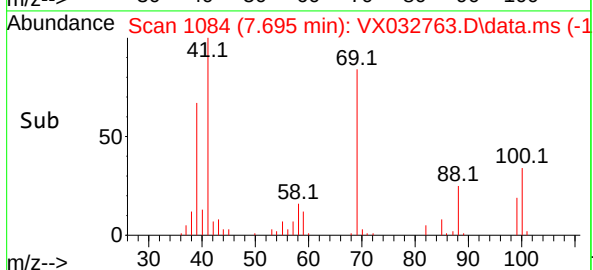
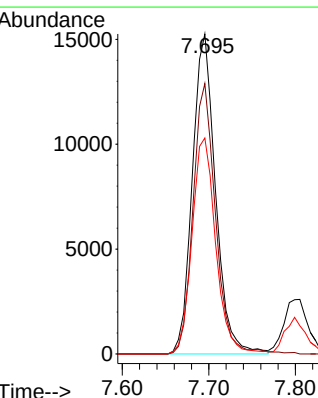
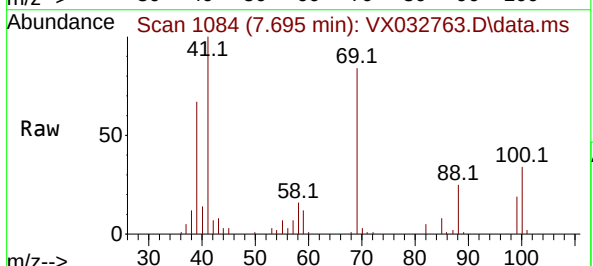
RT: 7.695 min Scan# 1084

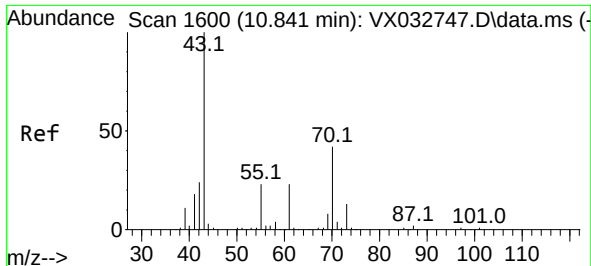
Delta R.T. -0.000 min

Lab File: VX032763.D

Acq: 11 Nov 2022 10:46

Tgt Ion: 41 Resp: 28374
 Ion Ratio Lower Upper
 41 100
 69 84.5 50.5 151.5
 39 67.5 34.6 103.8





#47

n-amy1 Acetate

Concen: 20.203 ug/l

RT: 10.841 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032763.D

Acq: 11 Nov 2022 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX1111WBSD01

Tgt Ion: 43 Resp: 5030

Ion Ratio Lower Upper

43 100

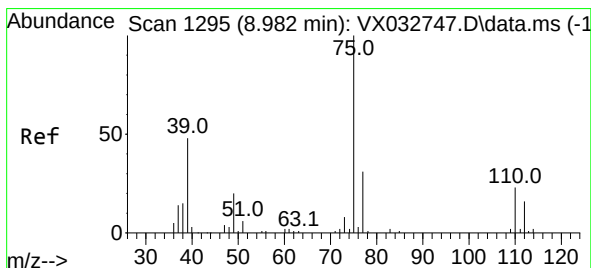
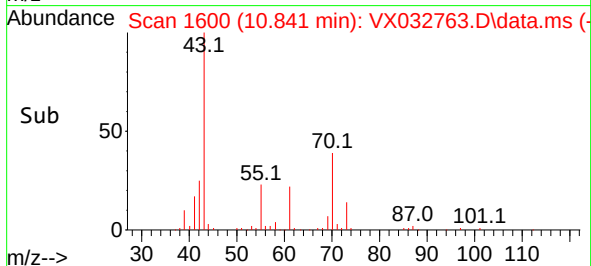
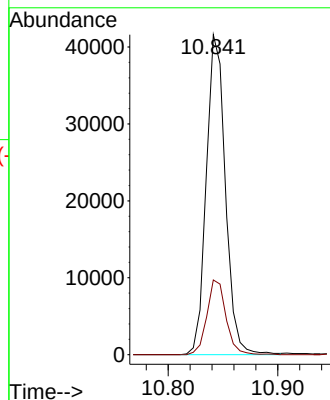
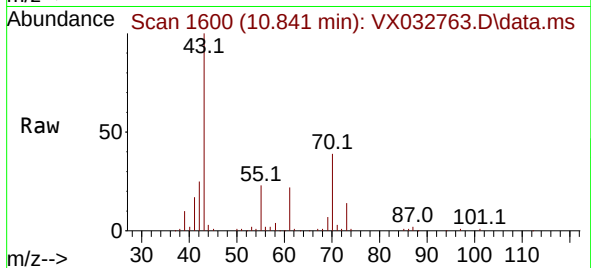
55 23.3 21.6 32.4

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Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#48

t-1,3-Dichloropropene

Concen: 19.626 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VX032763.D

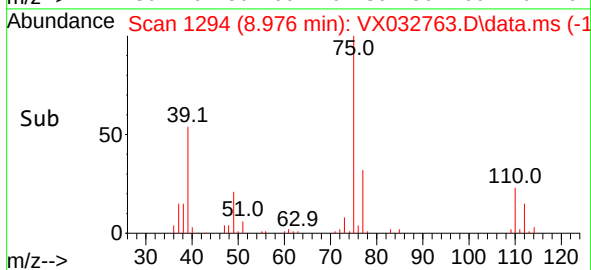
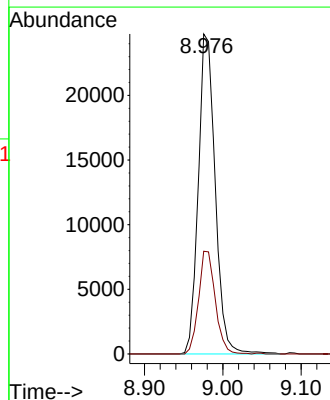
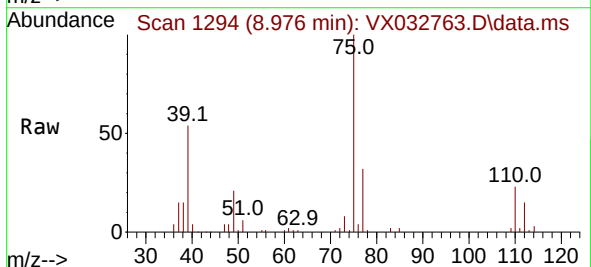
Acq: 11 Nov 2022 10:46

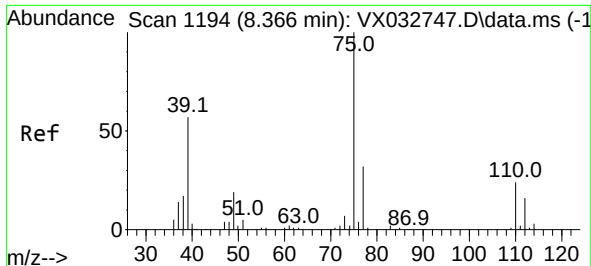
Tgt Ion: 75 Resp: 37235

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0





#49

cis-1,3-Dichloropropene

Concen: 19.882 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX032763.D

Acq: 11 Nov 2022 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX1111WBSD01

Tgt Ion: 75 Resp: 3983

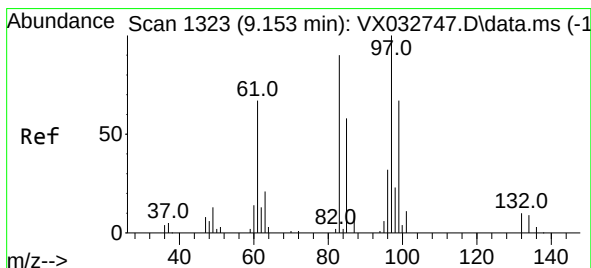
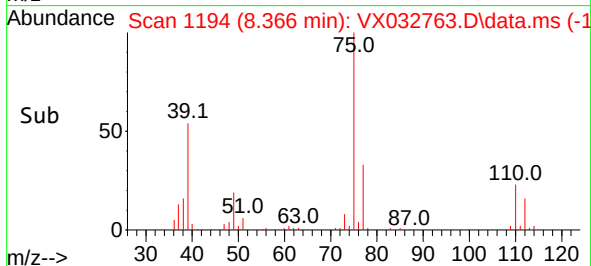
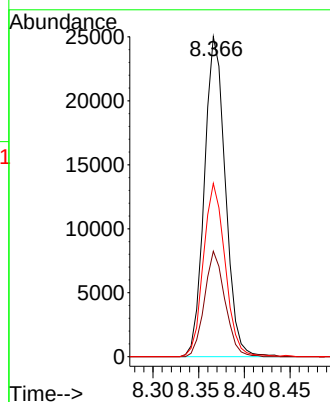
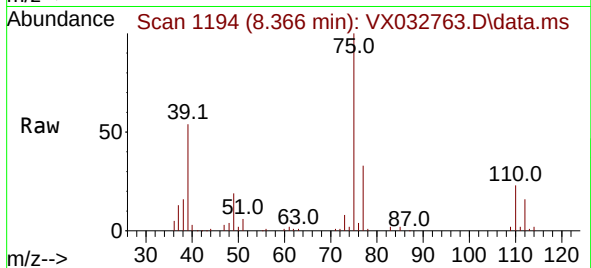
Ion	Ratio	Lower	Upper
75	100		
77	32.9	25.7	38.5
39	54.1	34.1	51.1

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Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#50

1,1,2-Trichloroethane

Concen: 19.331 ug/l

RT: 9.152 min Scan# 1323

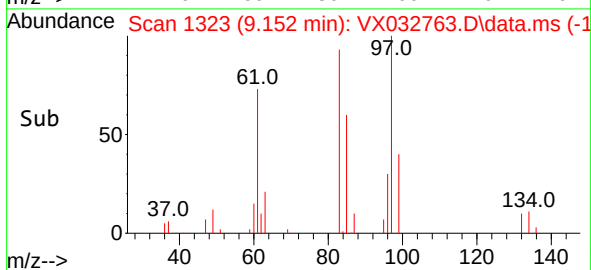
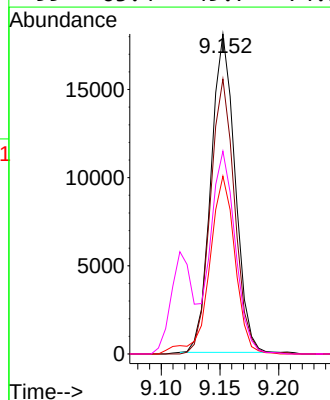
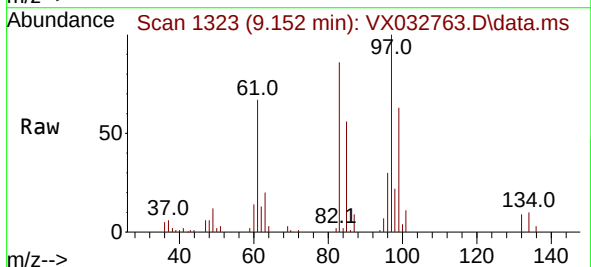
Delta R.T. -0.000 min

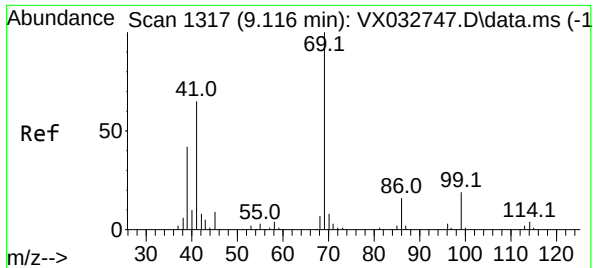
Lab File: VX032763.D

Acq: 11 Nov 2022 10:46

Tgt Ion: 97 Resp: 25788

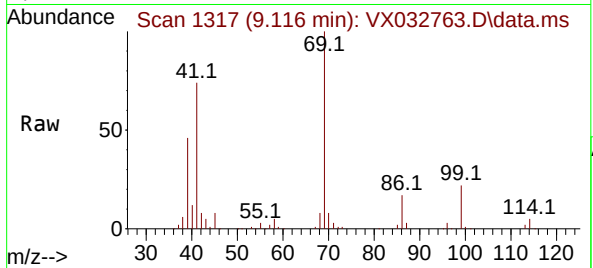
Ion	Ratio	Lower	Upper
97	100		
83	86.3	62.2	93.4
85	55.8	44.2	66.2
99	63.4	49.7	74.5





#51
Ethyl methacrylate
Concen: 19.373 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

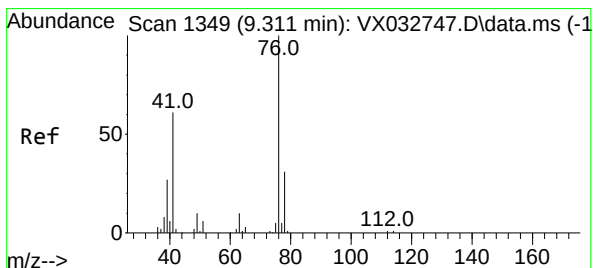
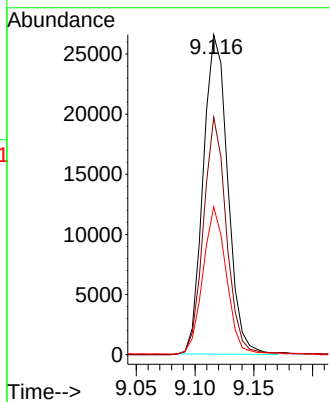
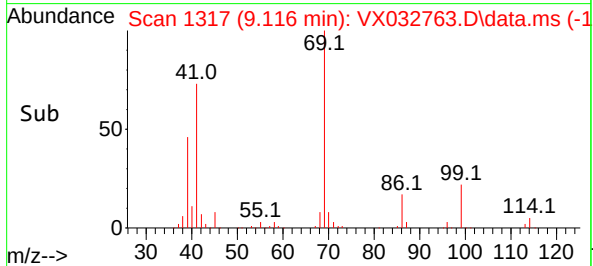
Instrument :
MSVOA_X
ClientSampleId :
VX1111WBSD01



Tgt Ion: 69 Resp: 38598
Ion Ratio Lower Upper
69 100
41 74.1 25.9 77.7
39 46.1 17.8 53.3

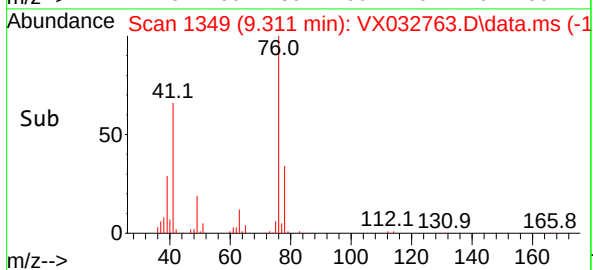
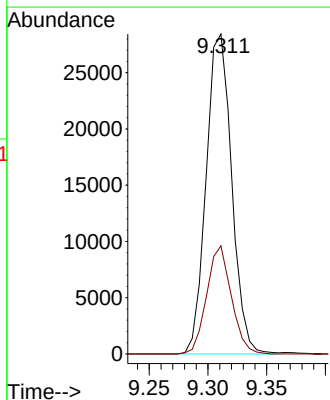
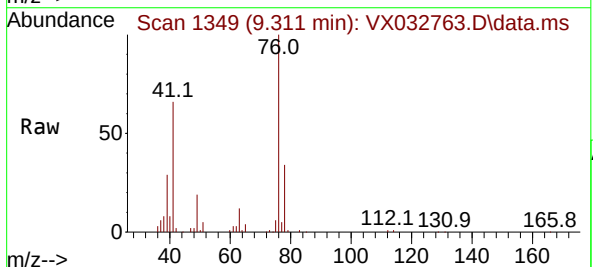
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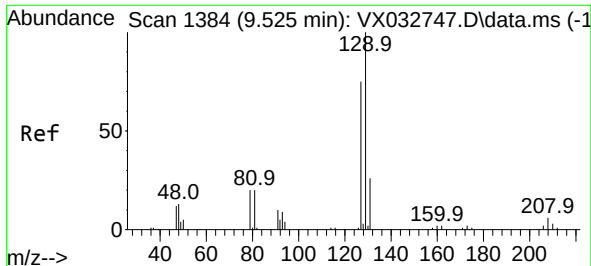
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#52
1,3-Dichloropropane
Concen: 19.735 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

Tgt Ion: 76 Resp: 43042
Ion Ratio Lower Upper
76 100
78 32.5 0.0 66.0





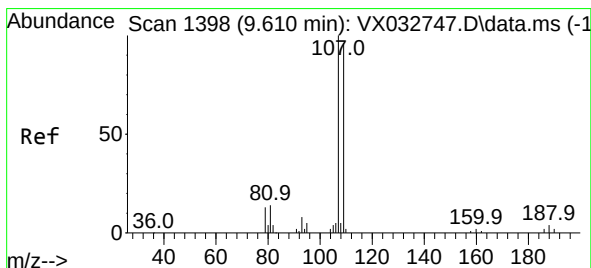
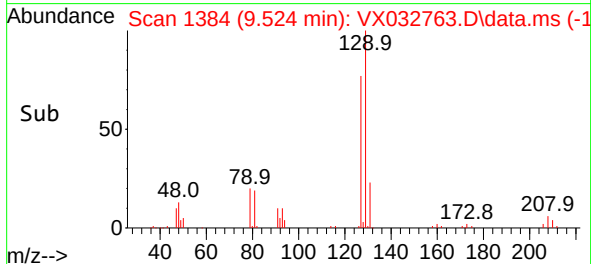
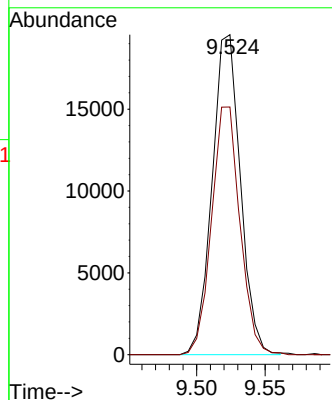
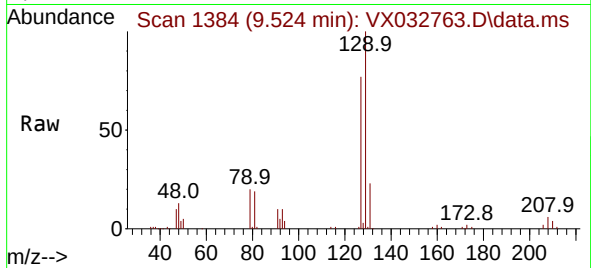
#53
Dibromochloromethane
Concen: 19.356 ug/l
RT: 9.524 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBSD01

Tgt Ion:129 Resp: 2808
Ion Ratio Lower Upper
129 100
127 77.7 39.0 117.0

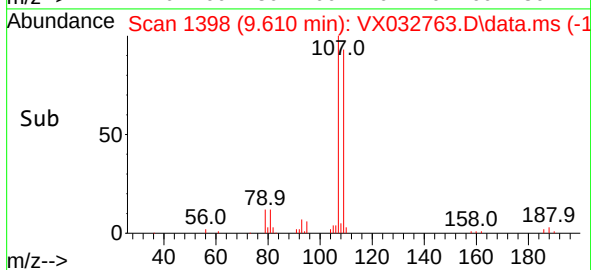
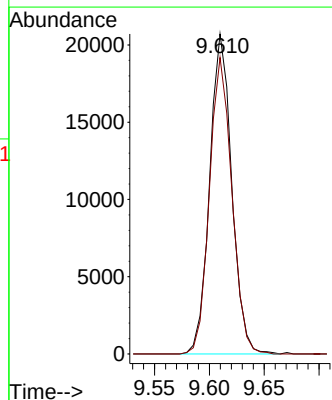
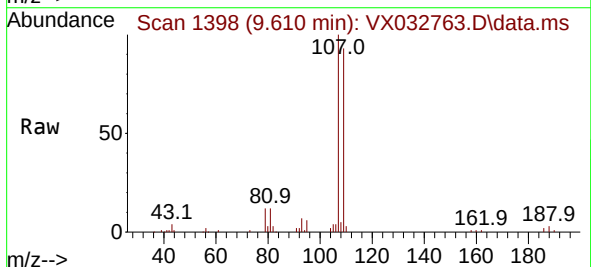
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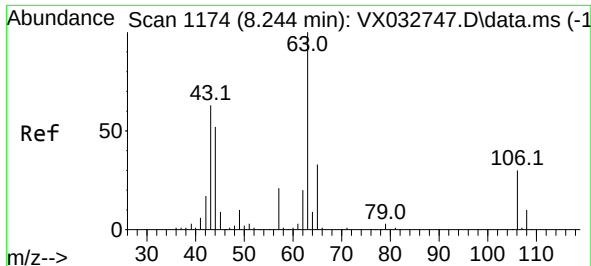
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#54
1,2-Dibromoethane
Concen: 20.202 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

Tgt Ion:107 Resp: 29029
Ion Ratio Lower Upper
107 100
109 94.0 75.0 112.6





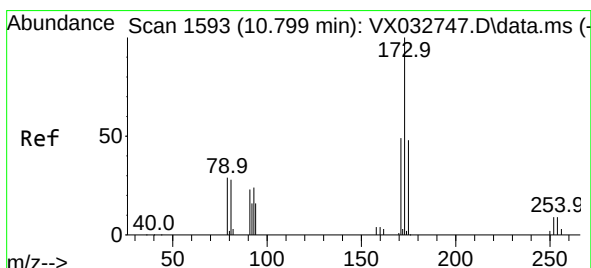
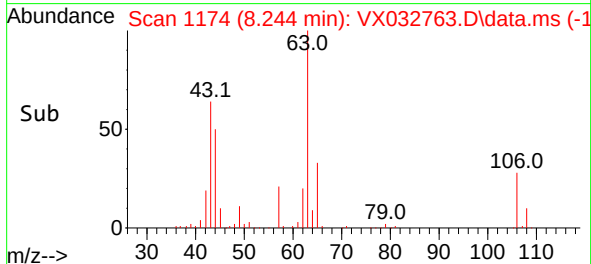
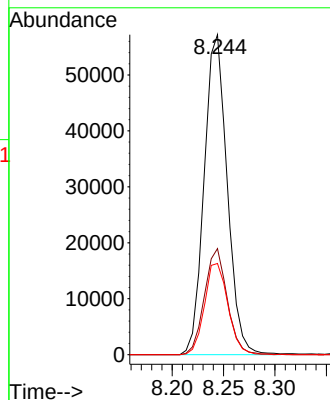
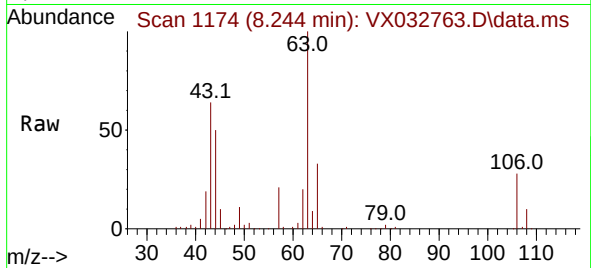
#55
2-Chloroethyl vinyl ether
Concen: 92.847 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBSD01

Tgt Ion: 63 Resp: 8939
Ion Ratio Lower Upper
63 100
65 32.8 25.5 38.3
106 29.1 28.9 43.3

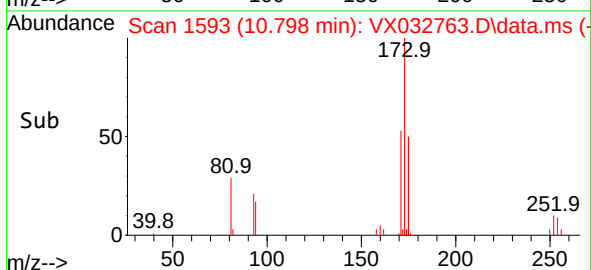
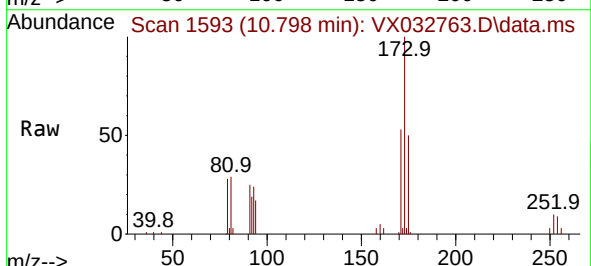
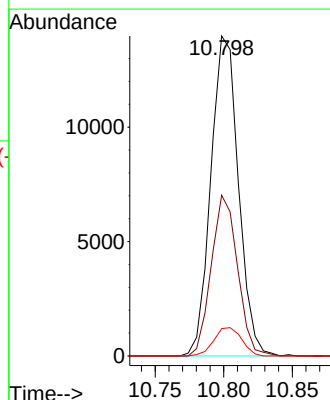
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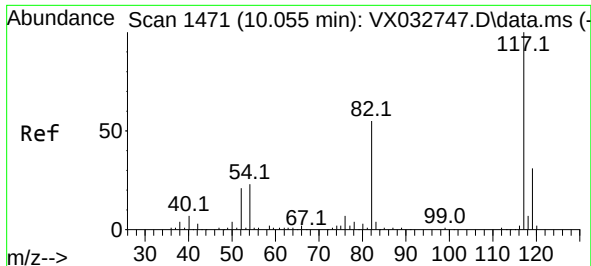
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#56
Bromoform
Concen: 18.826 ug/l
RT: 10.798 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

Tgt Ion:173 Resp: 19554
Ion Ratio Lower Upper
173 100
175 47.8 38.6 58.0
254 9.0 6.8 10.2





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX032763.D

Acq: 11 Nov 2022 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX1111WBSD01

Tgt Ion: 117 Resp: 8601

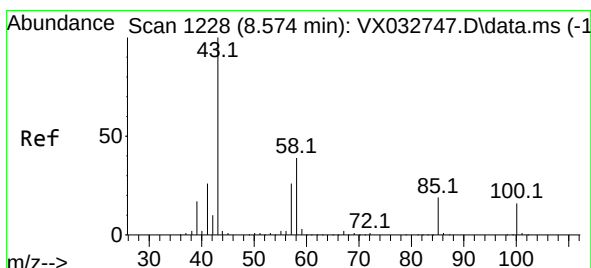
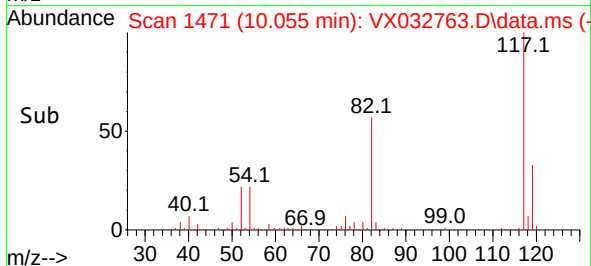
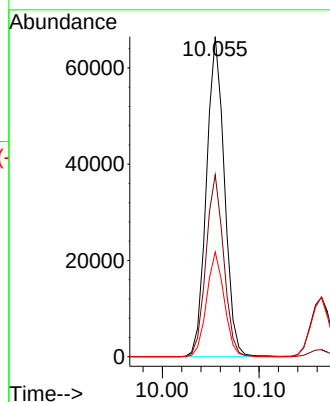
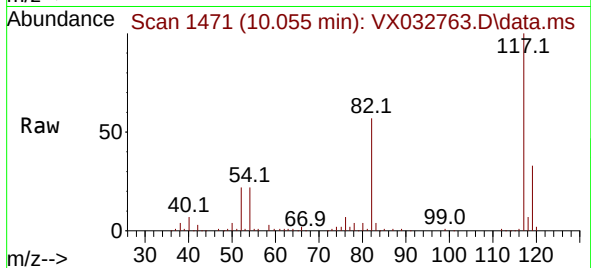
Ion	Ratio	Lower	Upper
117	100		
82	56.1	40.0	60.0
119	32.1	26.0	39.0

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Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#58

4-Methyl-2-Pentanone

Concen: 106.488 ug/l

RT: 8.573 min Scan# 1228

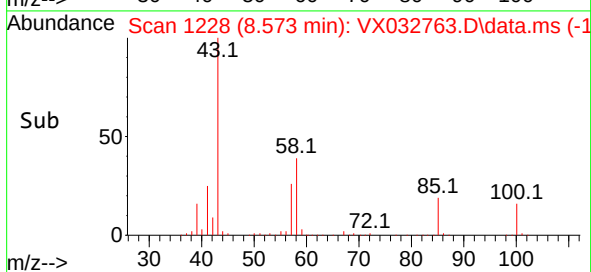
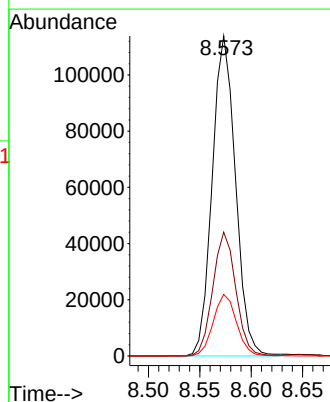
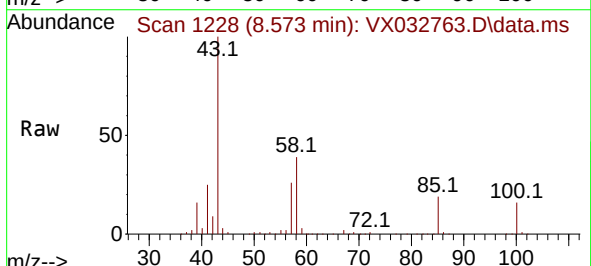
Delta R.T. -0.000 min

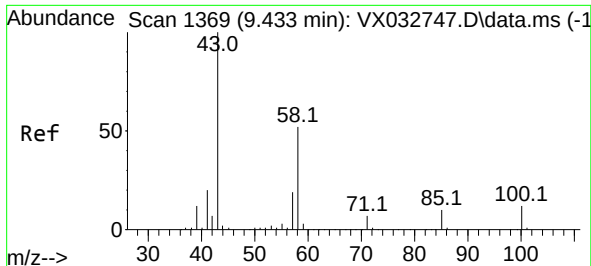
Lab File: VX032763.D

Acq: 11 Nov 2022 10:46

Tgt Ion: 43 Resp: 179298

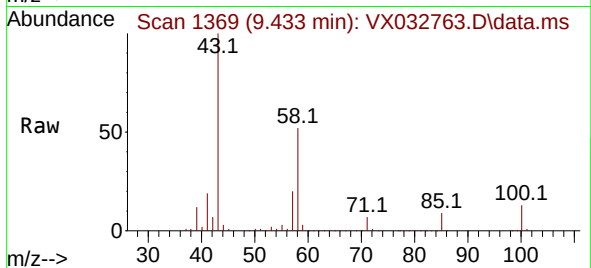
Ion	Ratio	Lower	Upper
43	100		
58	38.2	34.9	52.3
85	19.2	19.4	29.2





#59
2-Hexanone
Concen: 109.442 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

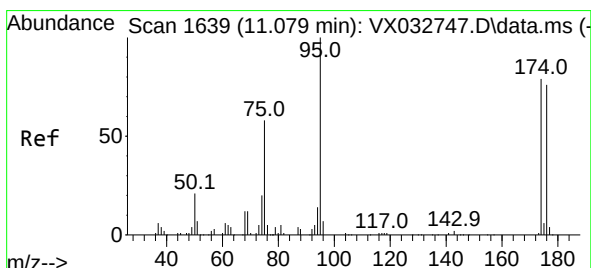
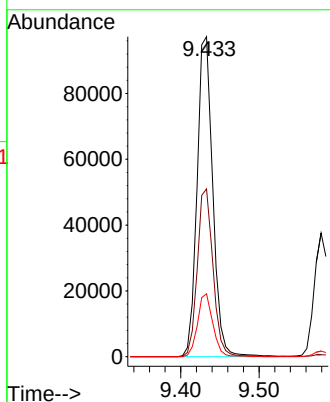
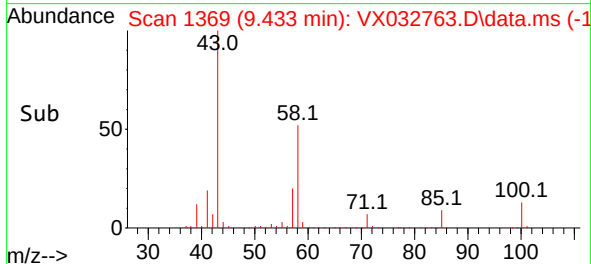
Instrument :
MSVOA_X
ClientSampleId :
VX1111WBSD01



Tgt Ion: 43 Resp: 135679
Ion Ratio Lower Upper
43 100
58 52.4 49.0 73.6
57 19.2 17.0 25.4

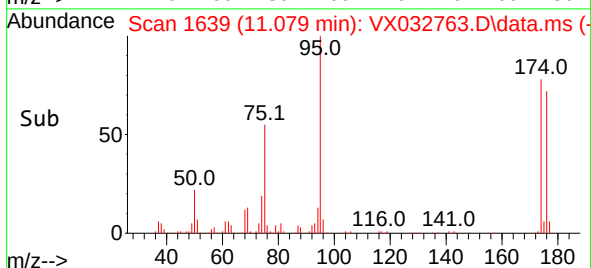
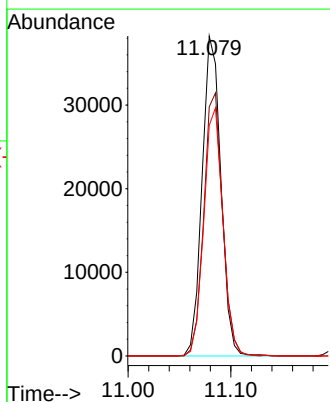
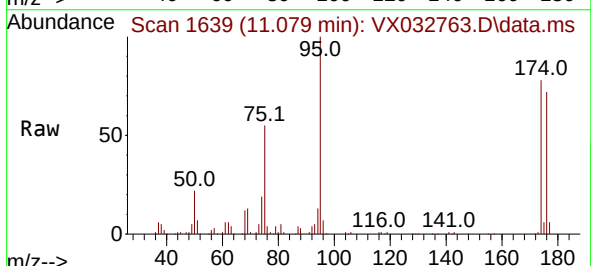
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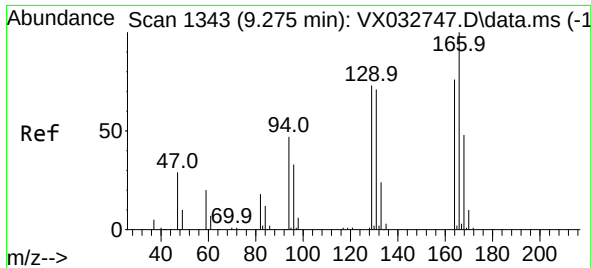
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#60
4-Bromofluorobenzene
Concen: 29.504 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

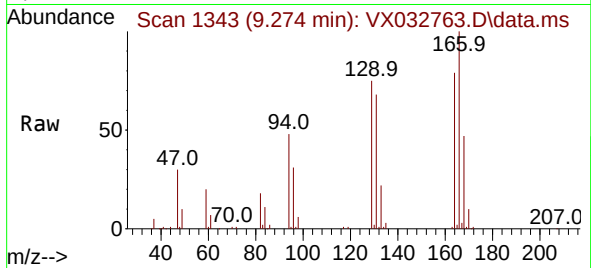
Tgt Ion: 95 Resp: 48542
Ion Ratio Lower Upper
95 100
174 82.4 68.2 102.2
176 78.8 68.1 102.1





#61
Tetrachloroethene
Concen: 20.609 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

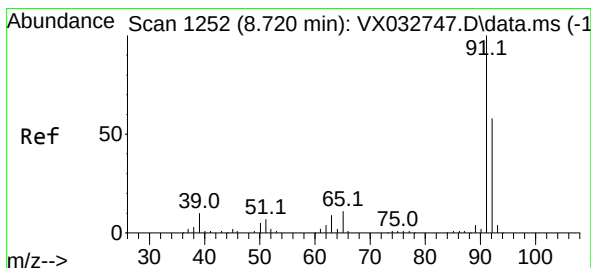
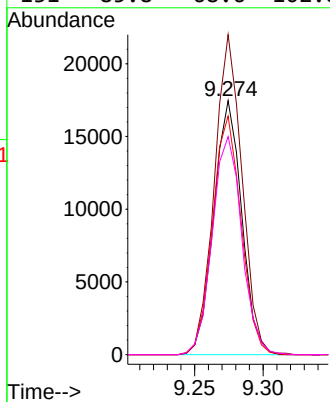
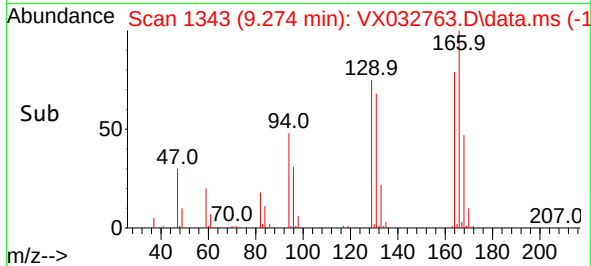
Instrument :
MSVOA_X
ClientSampleId :
VX1111WBSD01



Tgt Ion:164 Resp: 2477
Ion Ratio Lower Upper
164 100
166 125.9 102.8 154.2
129 93.9 73.0 109.4
131 85.8 68.6 102.8

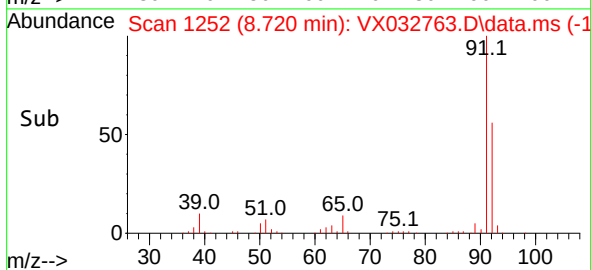
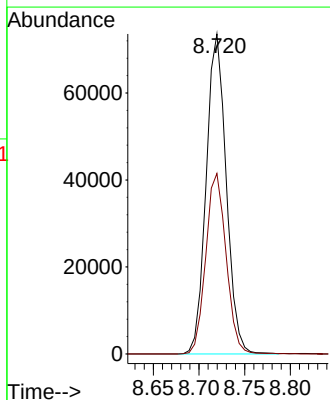
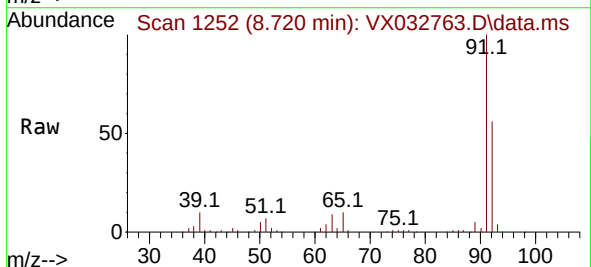
Manual Integrations
APPROVED

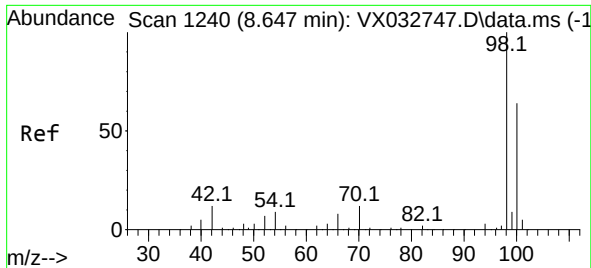
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#62
Toluene
Concen: 19.999 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

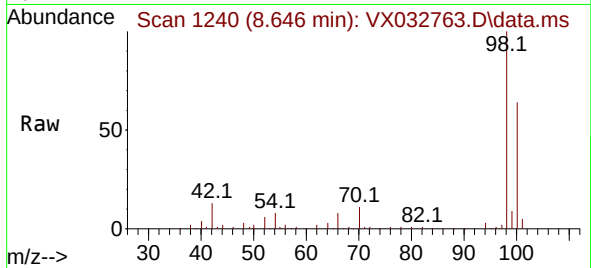
Tgt Ion: 91 Resp: 111868
Ion Ratio Lower Upper
91 100
92 57.2 47.3 70.9





#63
Toluene-d8
Concen: 30.018 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

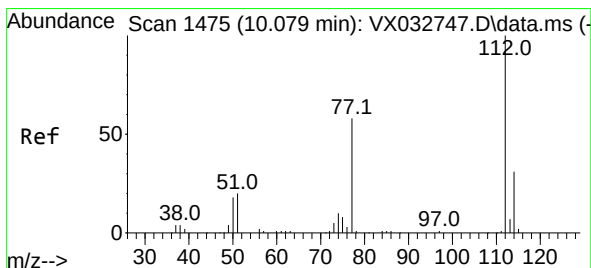
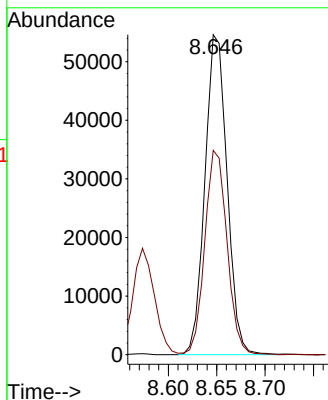
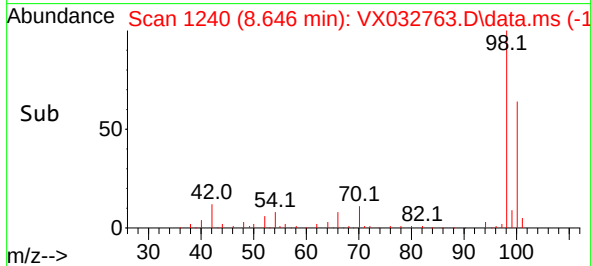
Instrument :
MSVOA_X
ClientSampleId :
VX1111WBSD01



Tgt Ion: 98 Resp: 8713
Ion Ratio Lower Upper
98 100
100 64.1 53.8 80.8

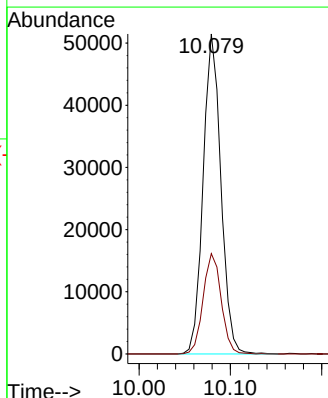
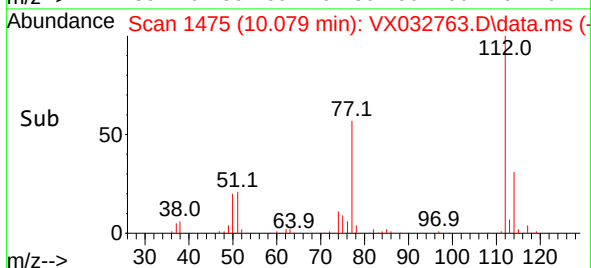
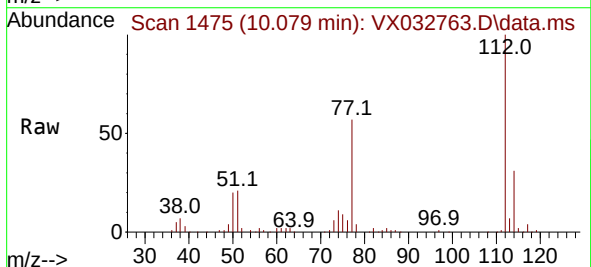
Manual Integrations
APPROVED

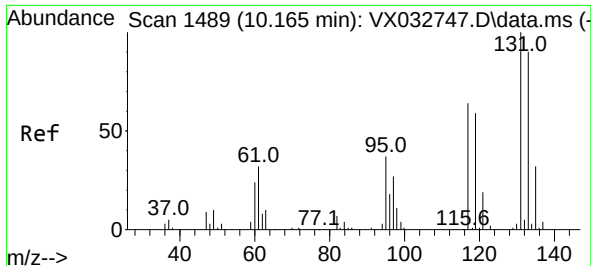
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#64
Chlorobenzene
Concen: 20.022 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

Tgt Ion:112 Resp: 69239
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5





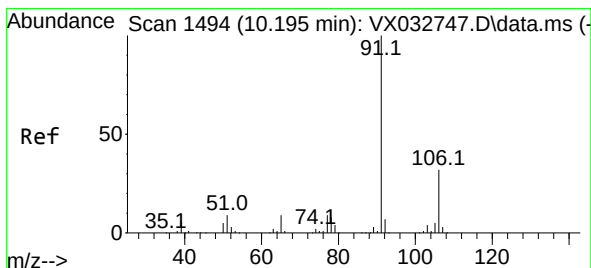
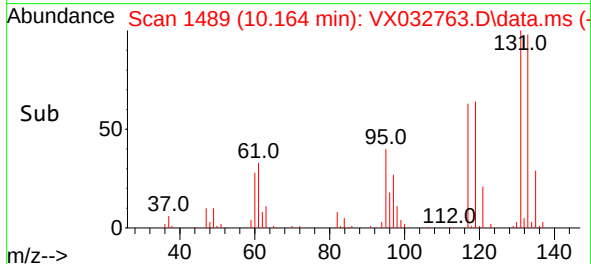
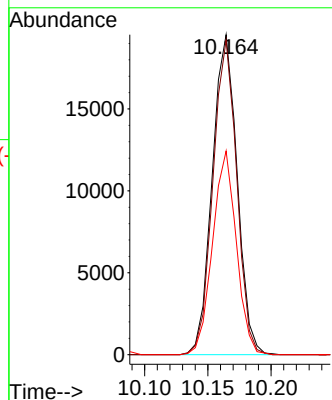
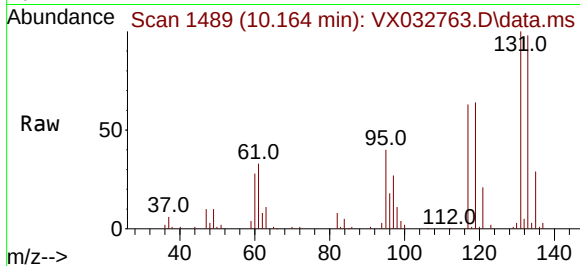
#65
1,1,1,2-Tetrachloroethane
Concen: 20.274 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBSD01

Tgt Ion:131 Resp: 26708
Ion Ratio Lower Upper
131 100
133 93.9 0.0 189.4
119 60.9 0.0 127.0

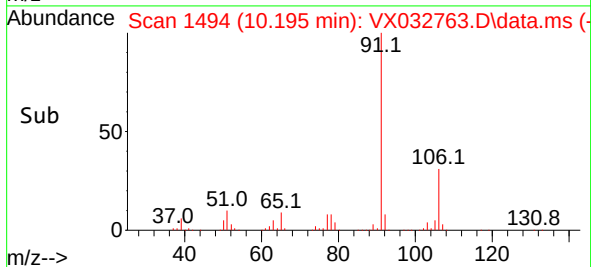
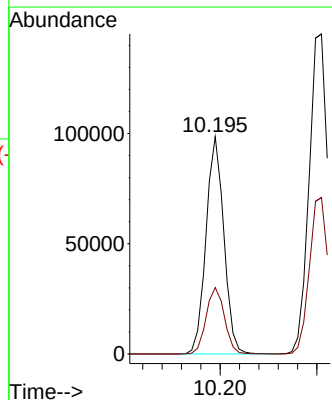
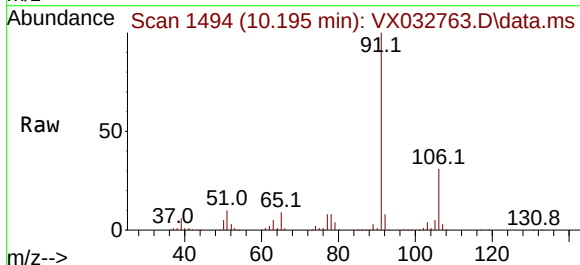
Manual Integrations
APPROVED

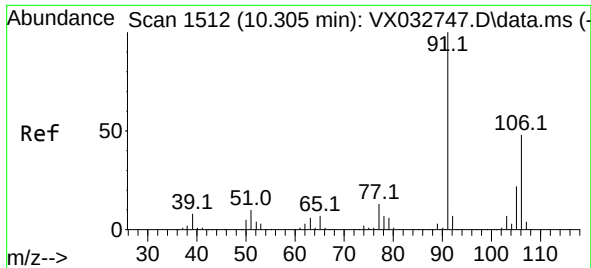
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#66
Ethyl Benzene
Concen: 20.152 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

Tgt Ion: 91 Resp: 126458
Ion Ratio Lower Upper
91 100
106 30.6 26.7 40.1





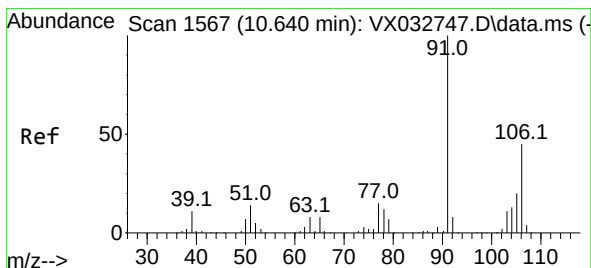
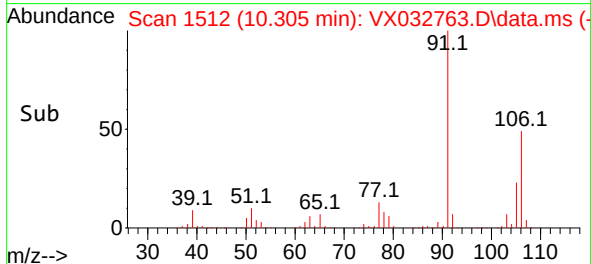
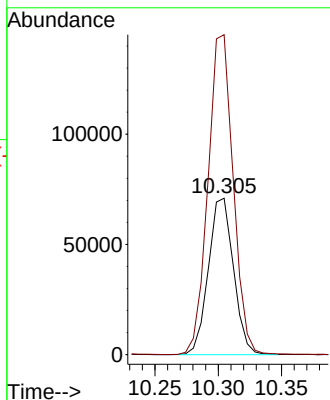
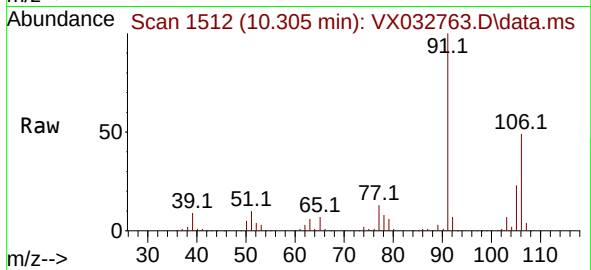
#67
m/p-Xylenes
Concen: 40.183 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBSD01

Tgt Ion:106 Resp: 98114
Ion Ratio Lower Upper
106 100
91 205.7 152.3 228.5

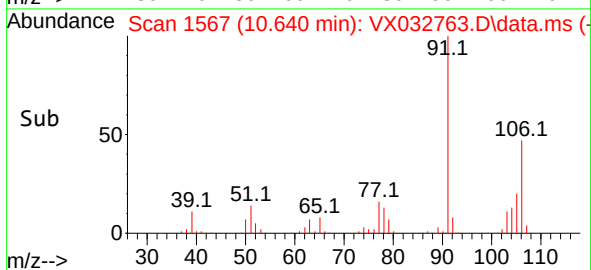
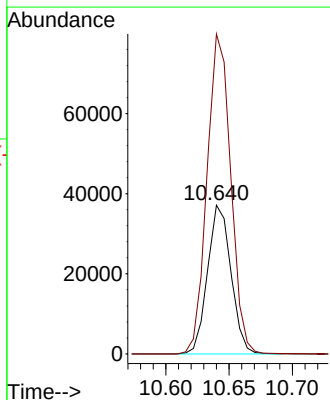
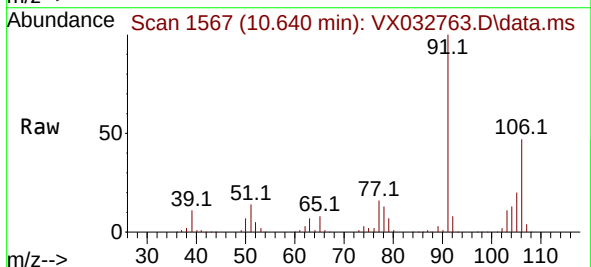
Manual Integrations
APPROVED

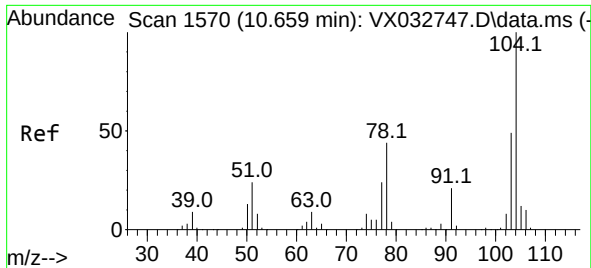
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#68
o-Xylene
Concen: 19.974 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

Tgt Ion:106 Resp: 47853
Ion Ratio Lower Upper
106 100
91 217.8 101.9 305.7





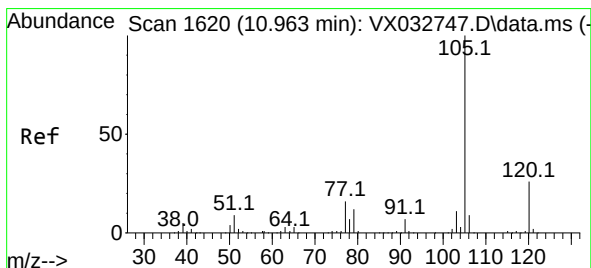
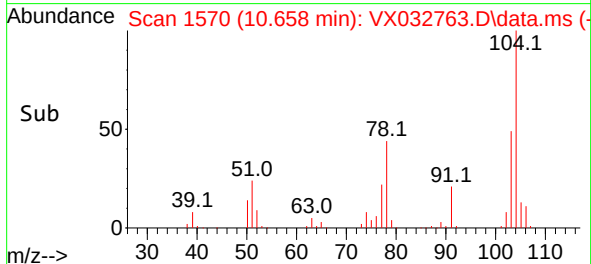
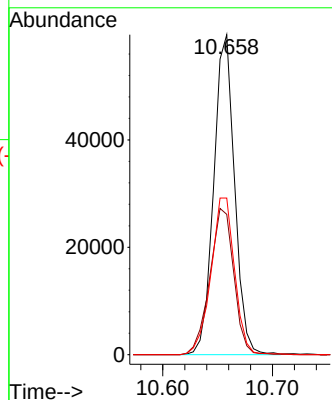
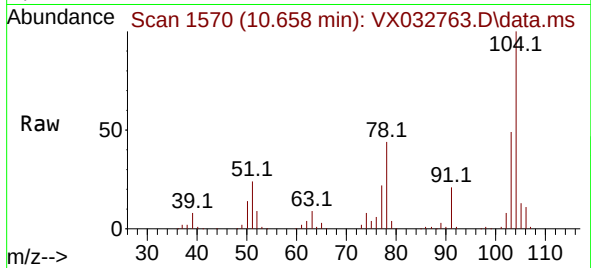
#69
Styrene
Concen: 19.807 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBSD01

Tgt Ion:104 Resp: 7889
Ion Ratio Lower Upper
104 100
78 52.4 36.6 55.0
103 55.6 43.3 64.9

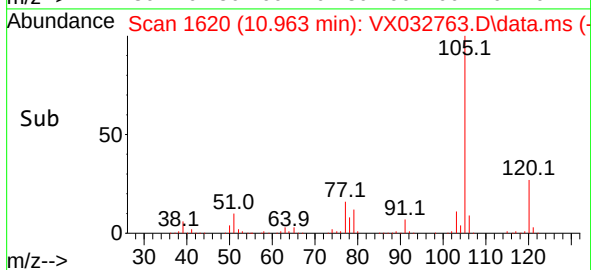
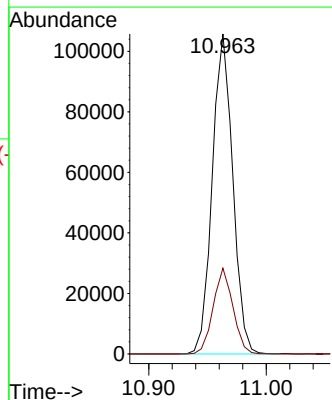
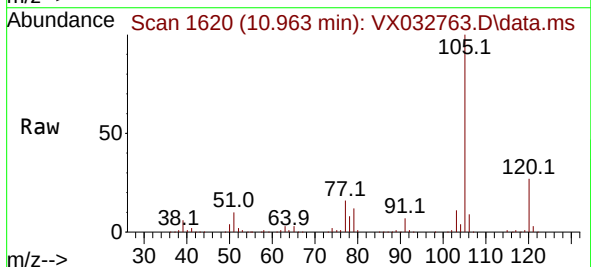
Manual Integrations
APPROVED

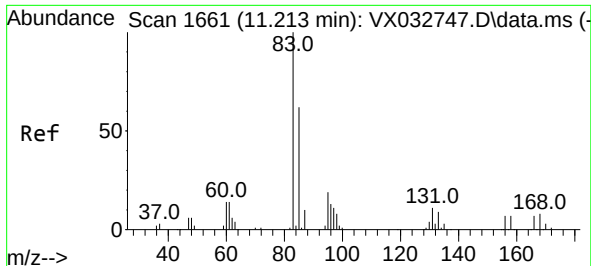
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#70
Isopropylbenzene
Concen: 20.062 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

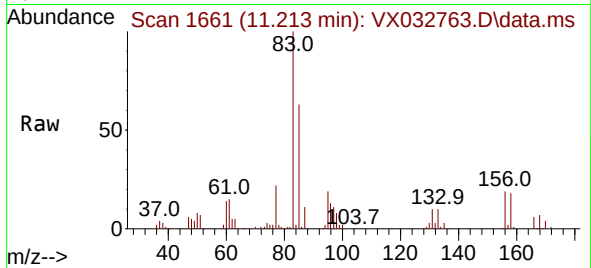
Tgt Ion:105 Resp: 128349
Ion Ratio Lower Upper
105 100
120 25.8 19.3 35.9





#71
1,1,2,2-Tetrachloroethane
Concen: 20.610 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

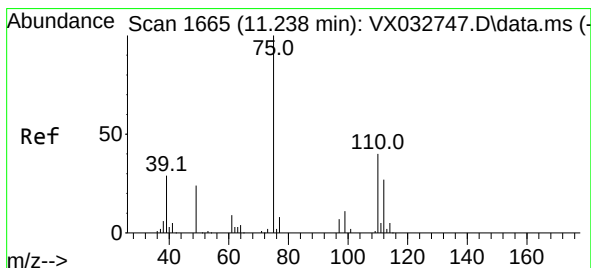
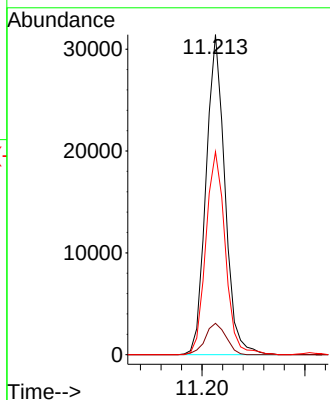
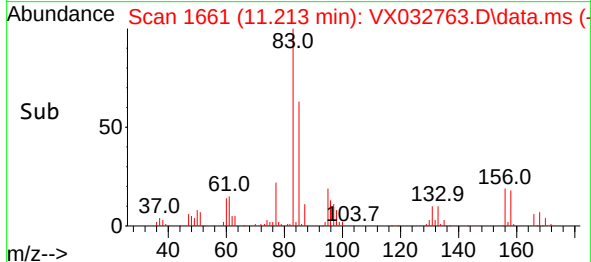
Instrument :
MSVOA_X
ClientSampleId :
VX1111WBSD01



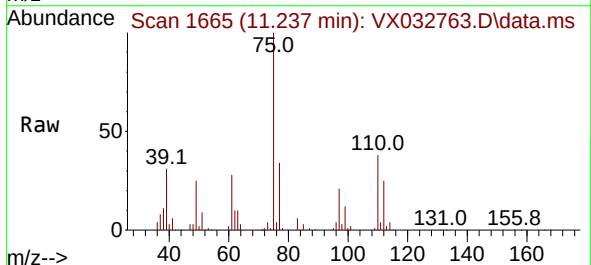
Tgt Ion: 83 Resp: 39988
Ion Ratio Lower Upper
83 100
131 10.8 6.0 18.1
85 65.4 32.8 98.3

Manual Integrations
APPROVED

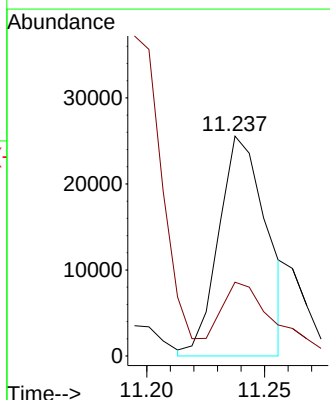
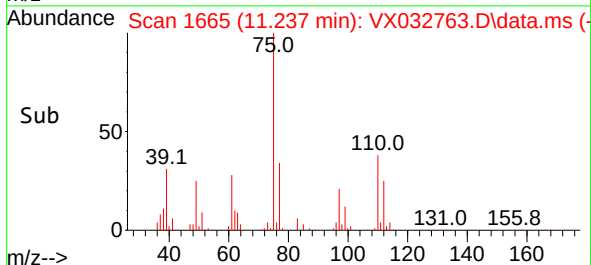
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

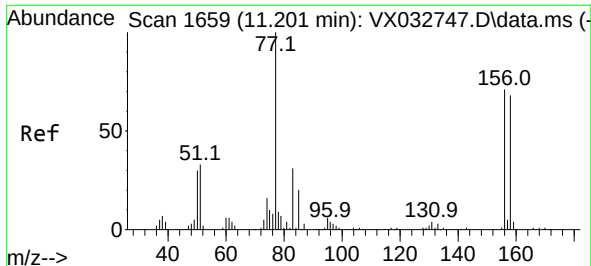


#72
1,2,3-Trichloropropane
Concen: 21.359 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46



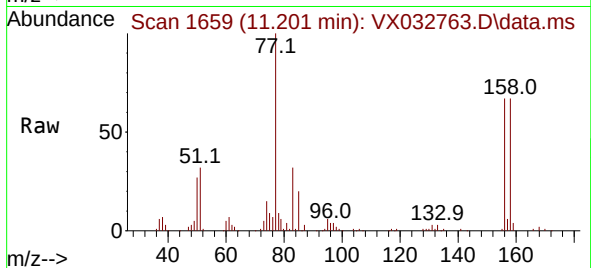
Tgt Ion: 75 Resp: 35992
Ion Ratio Lower Upper
75 100
77 39.7 0.0 76.6





#73
Bromobenzene
Concen: 19.661 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

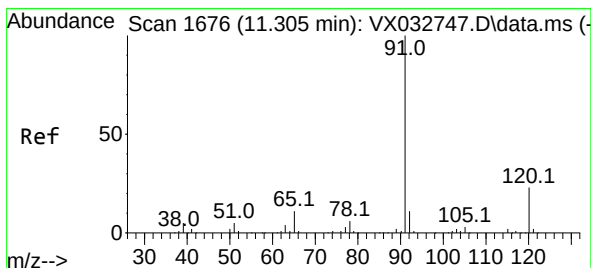
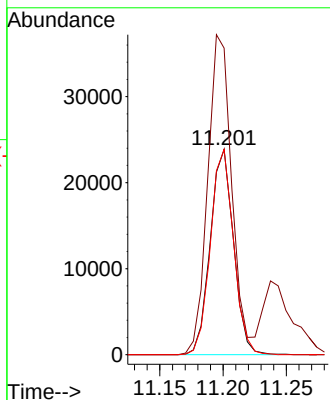
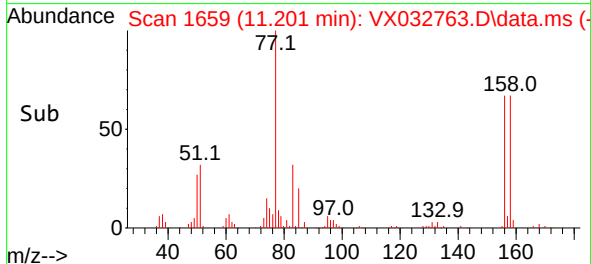
Instrument :
MSVOA_X
ClientSampleId :
VX1111WBSD01



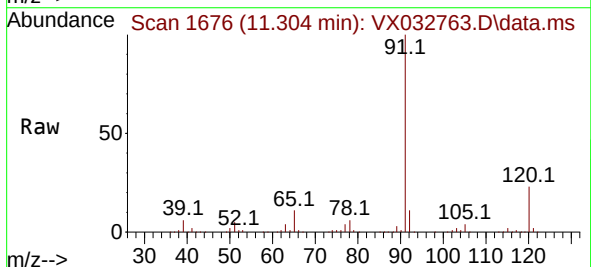
Tgt Ion:156 Resp: 30558
Ion Ratio Lower Upper
156 100
77 158.9 0.0 259.2
158 99.3 0.0 193.2

Manual Integrations
APPROVED

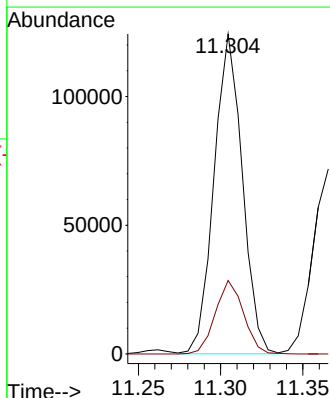
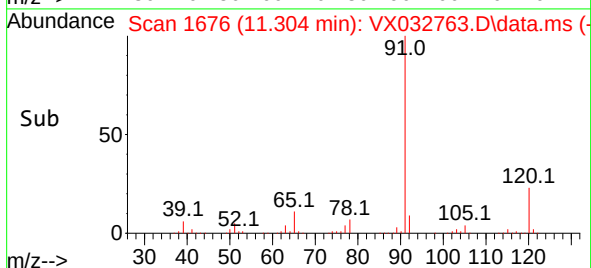
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

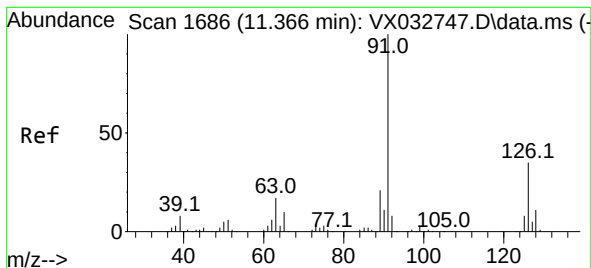


#74
n-propylbenzene
Concen: 20.414 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46



Tgt Ion: 91 Resp: 148392
Ion Ratio Lower Upper
91 100
120 22.9 0.0 51.0





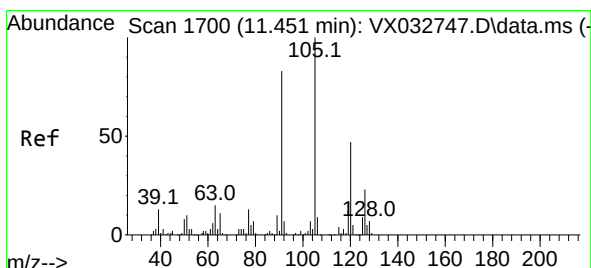
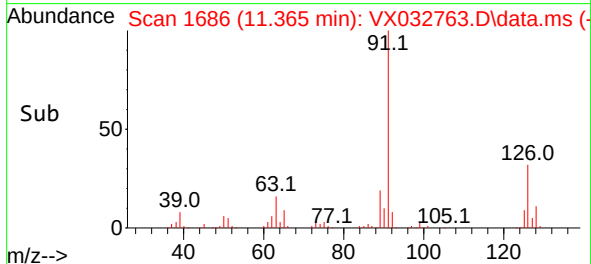
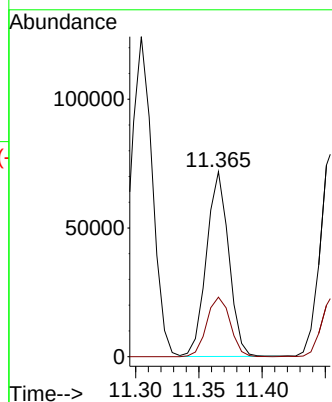
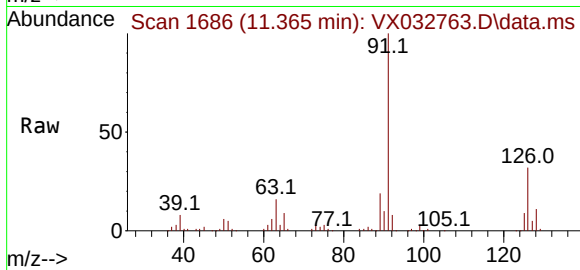
#75
2-Chlorotoluene
Concen: 20.072 ug/l
RT: 11.365 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBSD01

Tgt Ion: 91 Resp: 88339
Ion Ratio Lower Upper
91 100
126 33.9 0.0 76.4

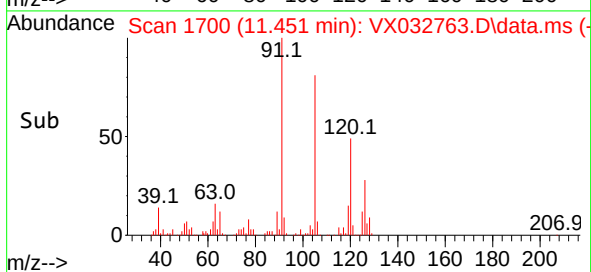
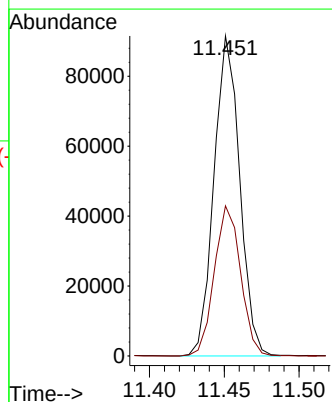
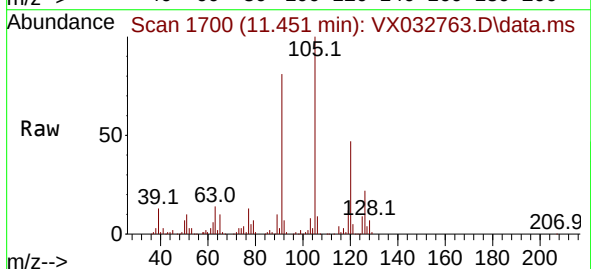
Manual Integrations
APPROVED

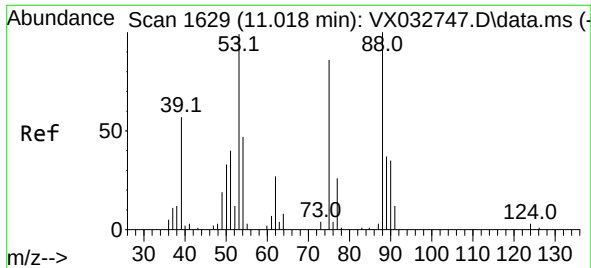
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#76
1,3,5-Trimethylbenzene
Concen: 20.248 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

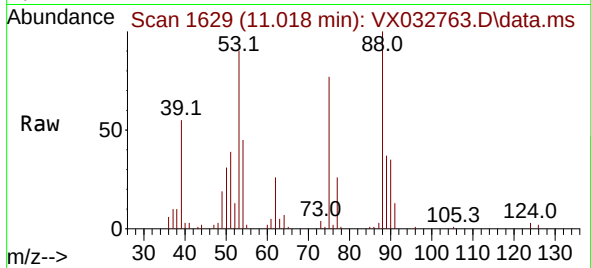
Tgt Ion:105 Resp: 109509
Ion Ratio Lower Upper
105 100
120 47.8 0.0 100.6





#77
t-1,4-Dichloro-2-butene
Concen: 20.441 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

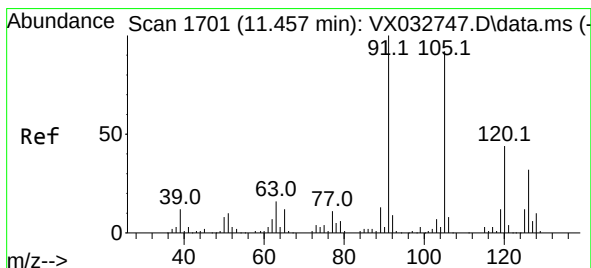
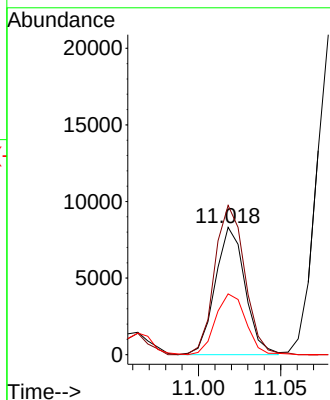
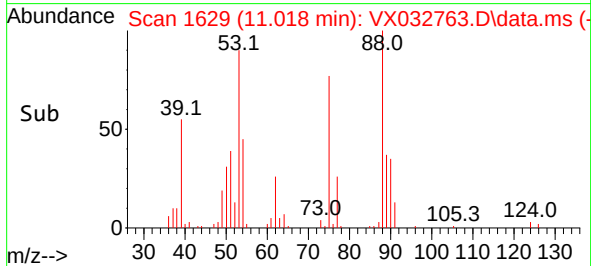
Instrument :
MSVOA_X
ClientSampleId :
VX1111WBSD01



Tgt Ion: 75 Resp: 1051
Ion Ratio Lower Upper
75 100
53 117.2 51.8 155.4
89 47.1 22.9 68.8

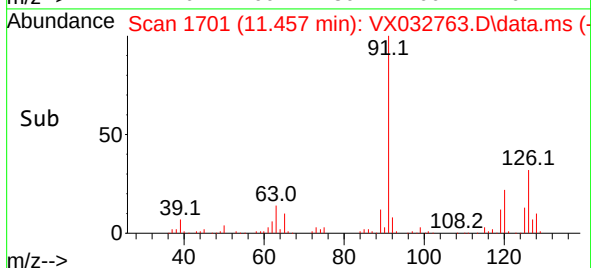
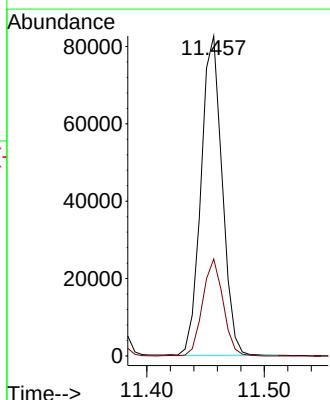
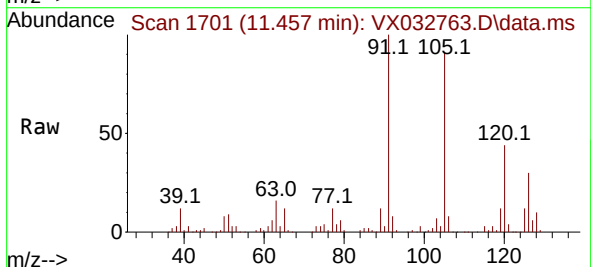
Manual Integrations
APPROVED

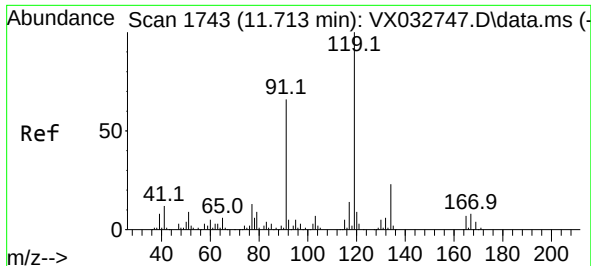
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#78
4-Chlorotoluene
Concen: 20.327 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

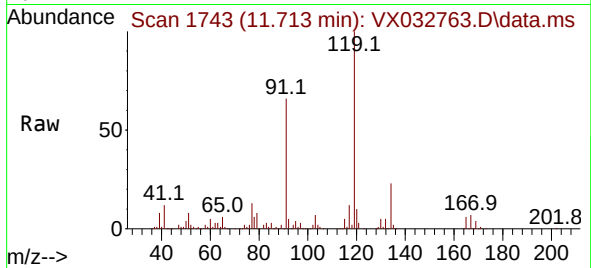
Tgt Ion: 91 Resp: 103052
Ion Ratio Lower Upper
91 100
126 29.4 0.0 67.0





#79
tert-butylbenzene
Concen: 20.192 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

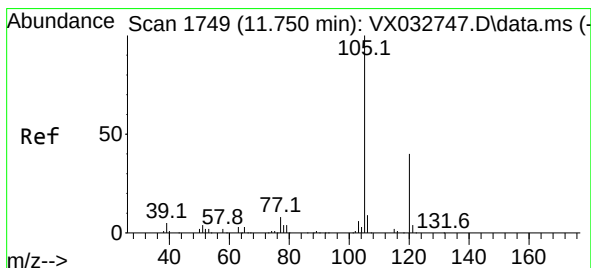
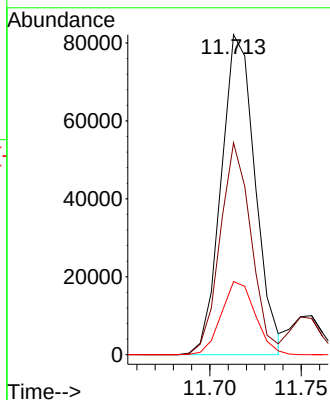
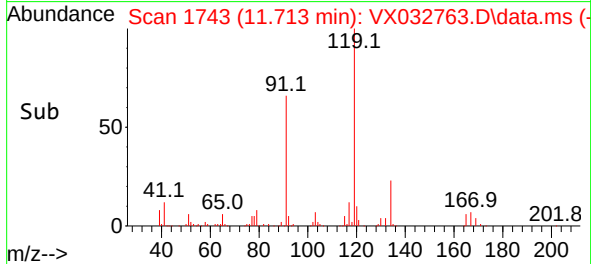
Instrument :
MSVOA_X
ClientSampleId :
VX1111WBSD01



Tgt Ion:119 Resp: 106128
Ion Ratio Lower Upper
119 100
91 61.0 0.0 112.0
134 22.9 0.0 51.0

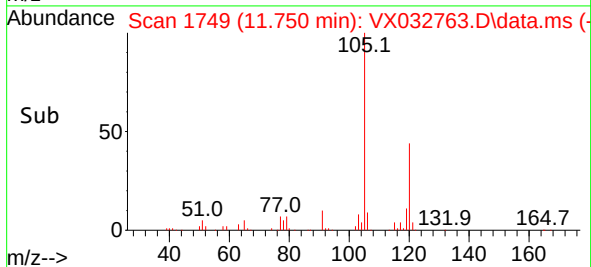
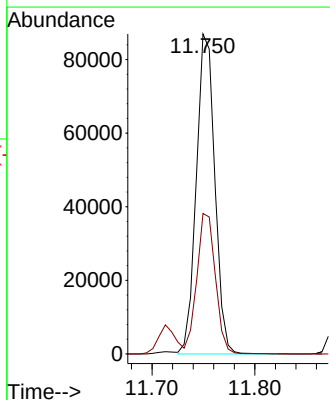
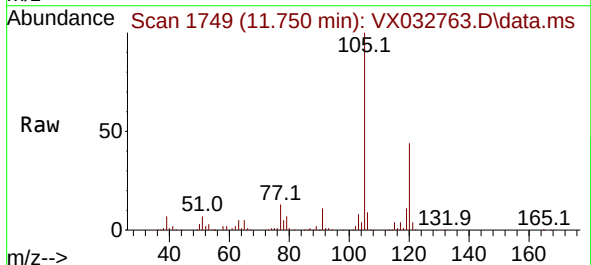
Manual Integrations
APPROVED

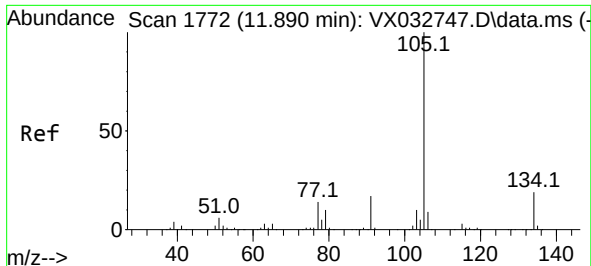
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#80
1,2,4-Trimethylbenzene
Concen: 20.647 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

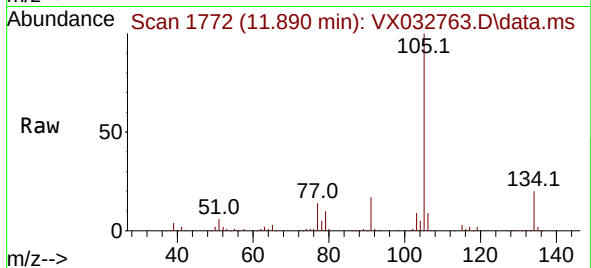
Tgt Ion:105 Resp: 109182
Ion Ratio Lower Upper
105 100
120 44.0 0.0 95.0





#81
 sec-Butylbenzene
 Concen: 20.538 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX032763.D
 Acq: 11 Nov 2022 10:46

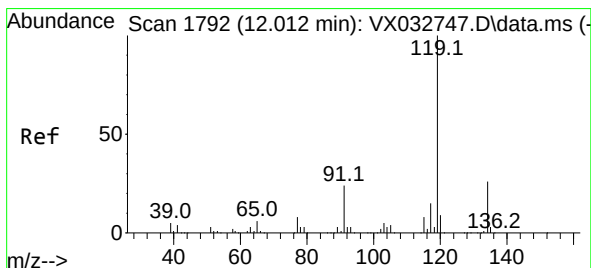
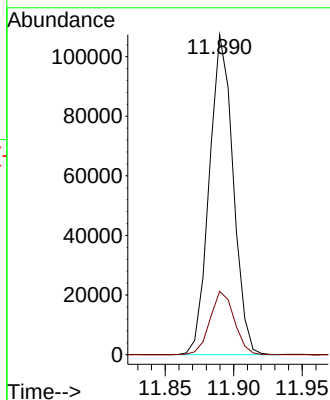
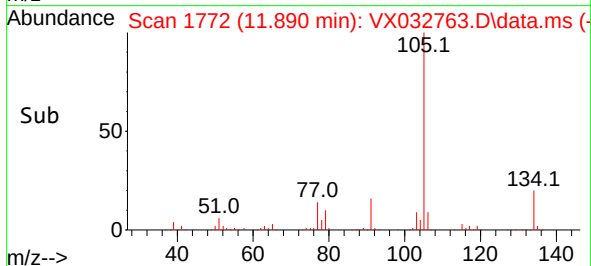
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1111WBSD01



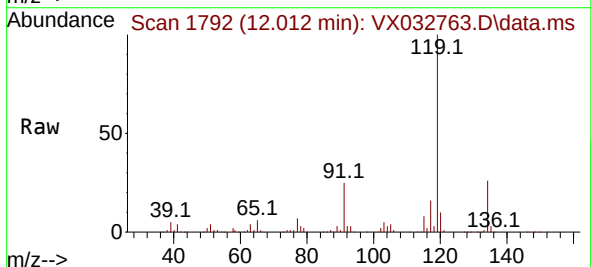
Tgt Ion:105 Resp: 129960
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 44.4

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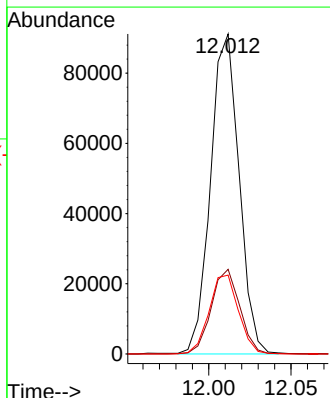
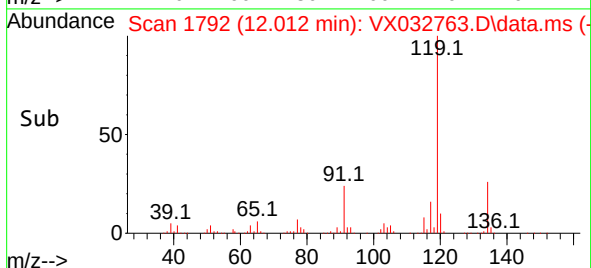
Reviewed By :John Carlone 11/14/2022
 Supervised By :Mahesh Dadoda 11/14/2022

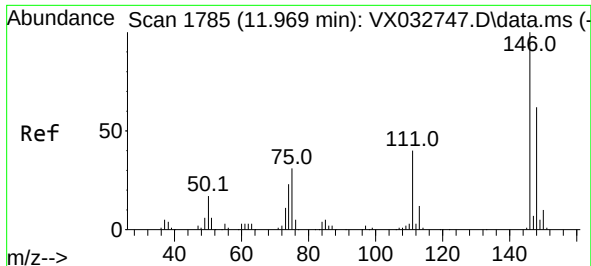


#82
 p-Isopropyltoluene
 Concen: 20.651 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX032763.D
 Acq: 11 Nov 2022 10:46



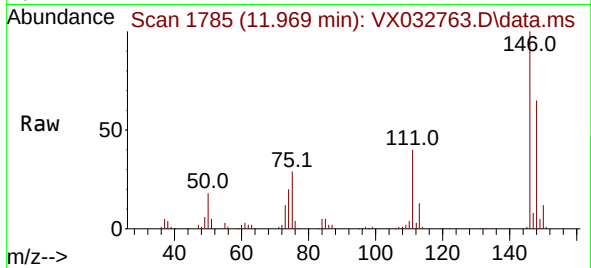
Tgt Ion:119 Resp: 110125
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 55.4
 91 25.4 0.0 45.6





#83
1,3-Dichlorobenzene
Concen: 20.819 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

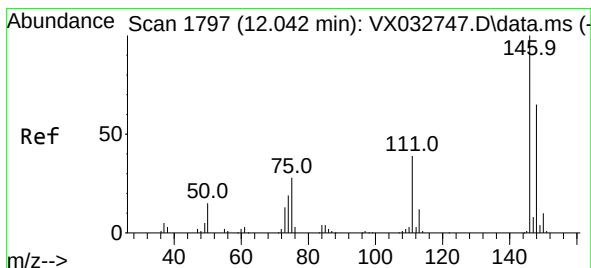
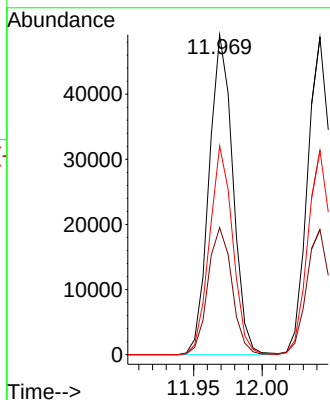
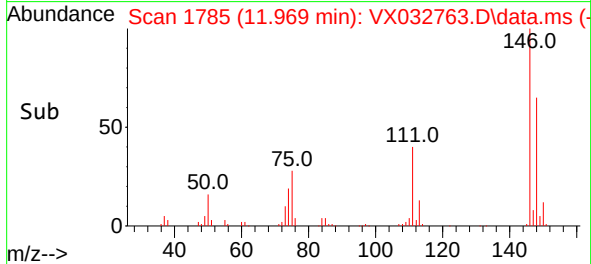
Instrument :
MSVOA_X
ClientSampleId :
VX1111WBSD01



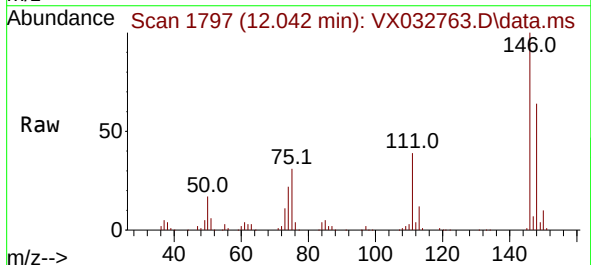
Tgt Ion:146 Resp: 5936
Ion Ratio Lower Upper
146 100
111 40.2 19.4 58.1
148 63.8 32.6 97.7

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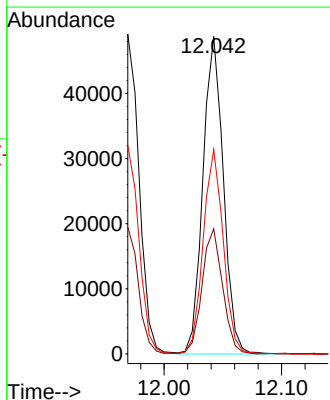
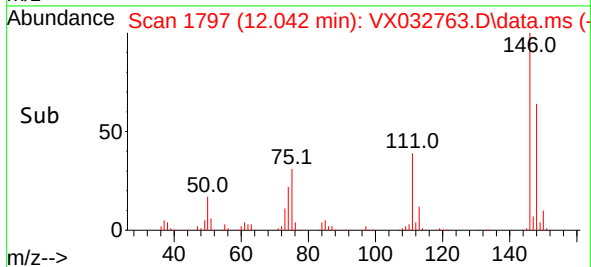
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

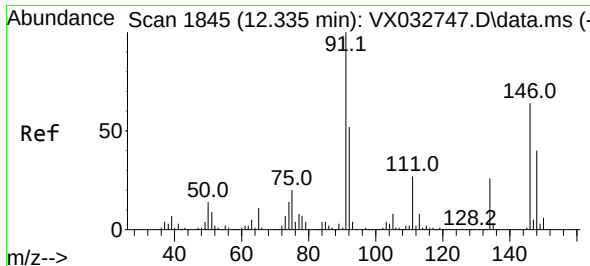


#84
1,4-Dichlorobenzene
Concen: 20.567 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46



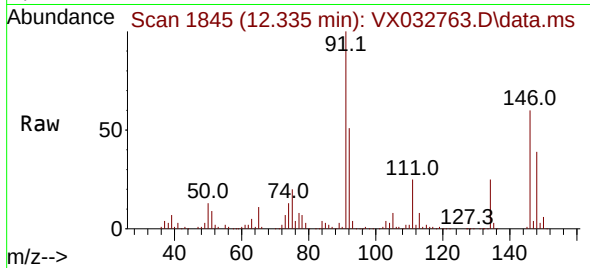
Tgt Ion:146 Resp: 58892
Ion Ratio Lower Upper
146 100
111 39.6 18.9 56.5
148 63.4 31.6 95.0





#85
n-Butylbenzene
Concen: 21.050 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

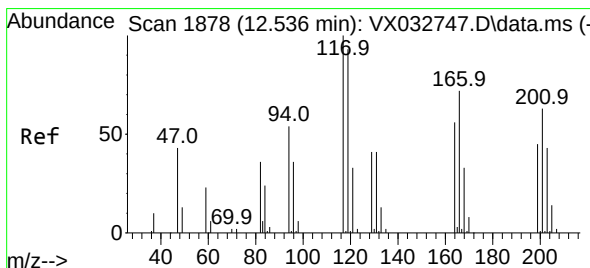
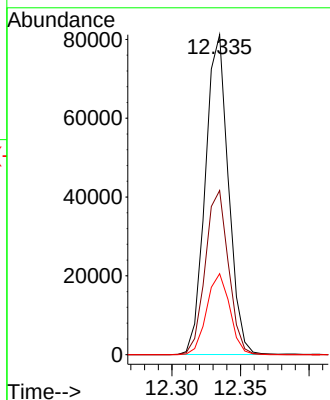
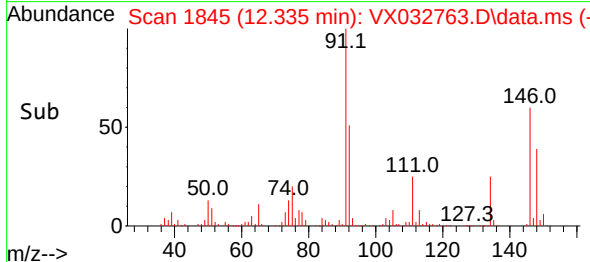
Instrument :
MSVOA_X
ClientSampleId :
VX1111WBSD01



Tgt Ion: 91 Resp: 9514
Ion Ratio Lower Upper
91 100
92 51.8 0.0 108.4
134 25.5 0.0 60.6

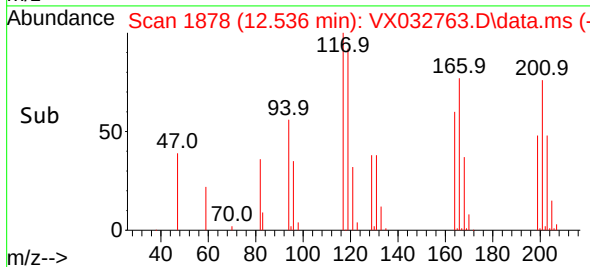
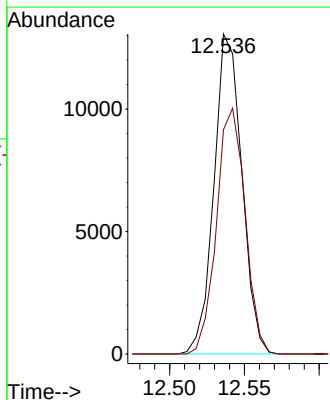
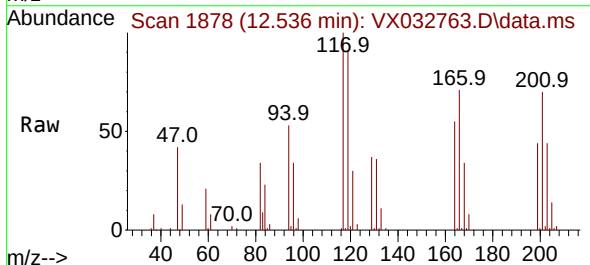
Manual Integrations
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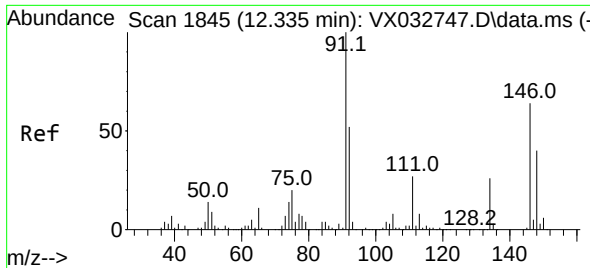
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#86
Hexachloroethane
Concen: 19.389 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

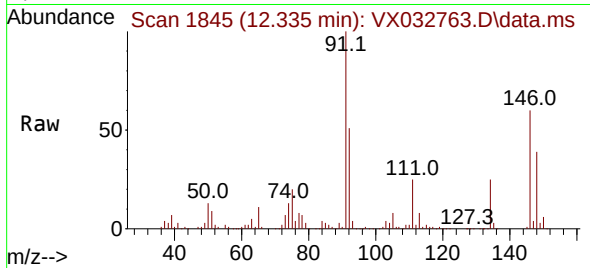
Tgt Ion:117 Resp: 16974
Ion Ratio Lower Upper
117 100
201 78.6 37.7 113.1





#87
1,2-Dichlorobenzene
Concen: 20.594 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

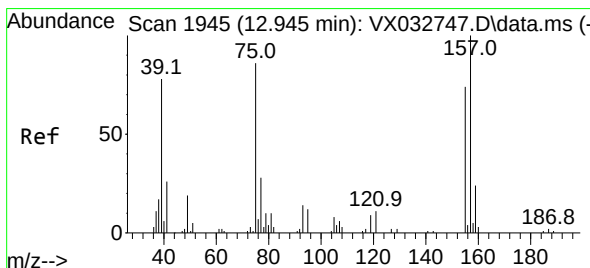
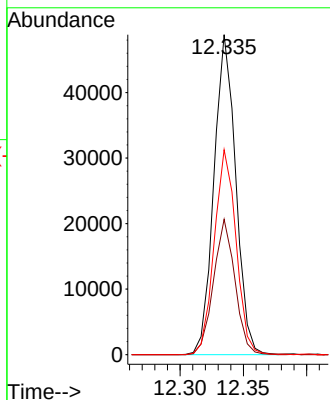
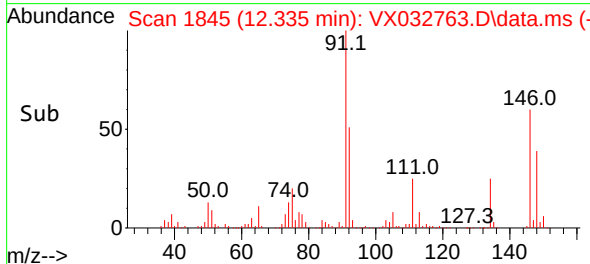
Instrument :
MSVOA_X
ClientSampleId :
VX1111WBSD01



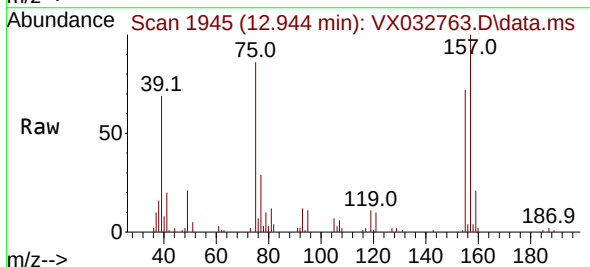
Tgt Ion:146 Resp: 5837
Ion Ratio Lower Upper
146 100
111 41.7 20.0 60.0
148 64.1 33.0 99.0

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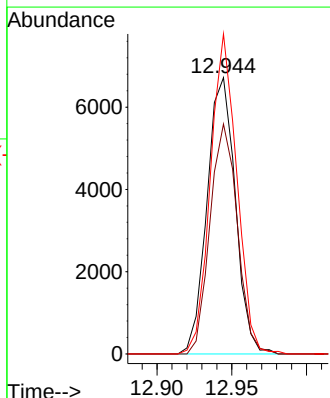
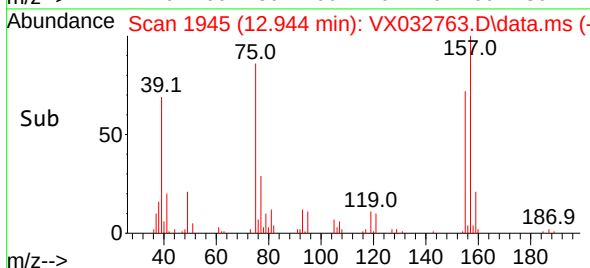
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

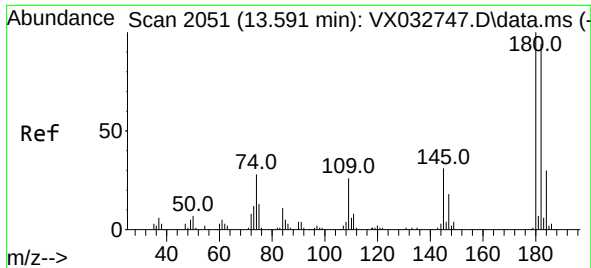


#88
1,2-Dibromo-3-Chloropropane
Concen: 21.505 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46



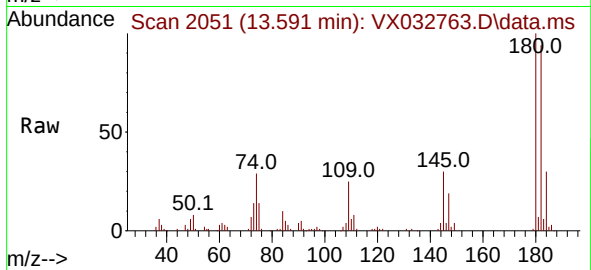
Tgt Ion: 75 Resp: 8852
Ion Ratio Lower Upper
75 100
155 80.3 85.0 127.6#
157 107.8 101.0 151.6





#89
1,2,4-Trichlorobenzene
Concen: 20.835 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

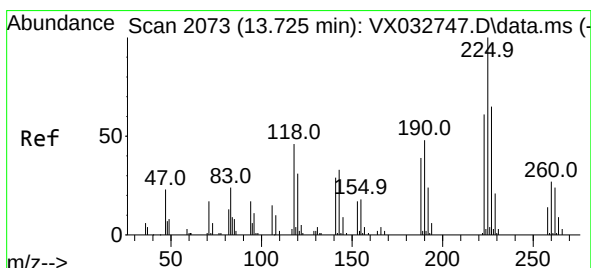
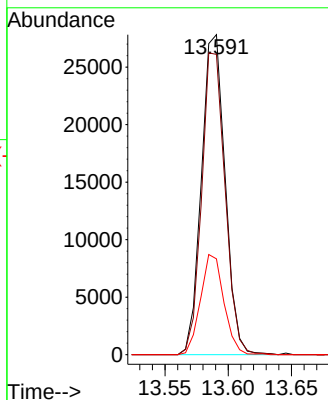
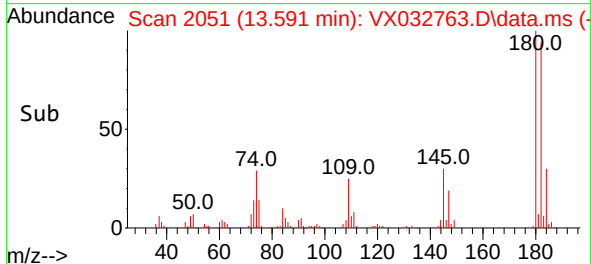
Instrument :
MSVOA_X
ClientSampleId :
VX1111WBSD01



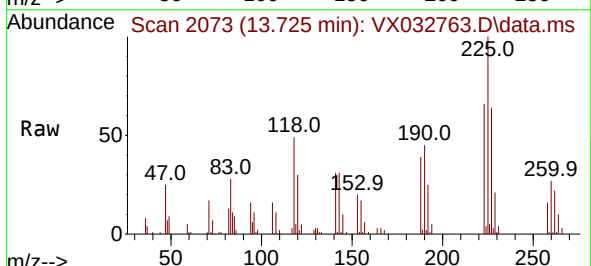
Tgt Ion:180 Resp: 36272
Ion Ratio Lower Upper
180 100
182 93.3 75.3 112.9
145 30.9 25.9 38.9

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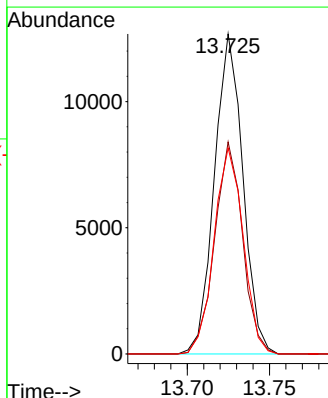
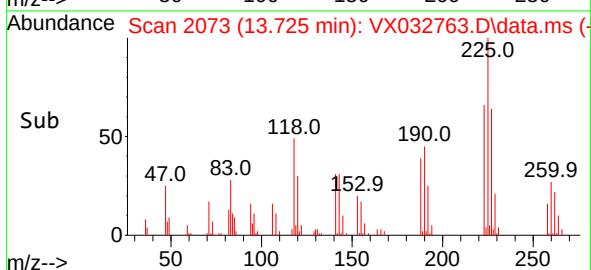
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

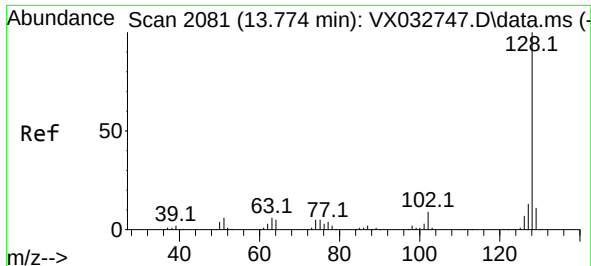


#90
Hexachlorobutadiene
Concen: 21.783 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46



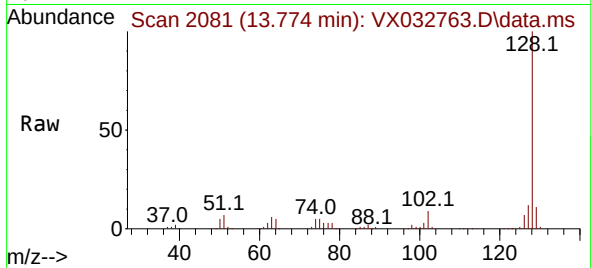
Tgt Ion:225 Resp: 15263
Ion Ratio Lower Upper
225 100
223 65.0 0.0 126.0
227 65.8 0.0 127.6





#91
Naphthalene
Concen: 20.825 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

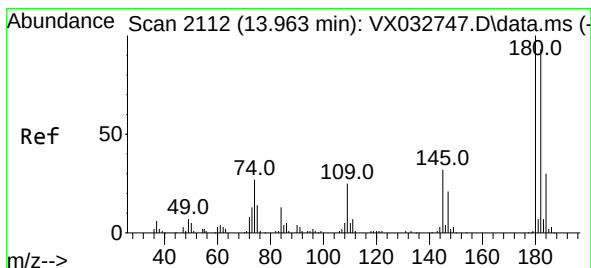
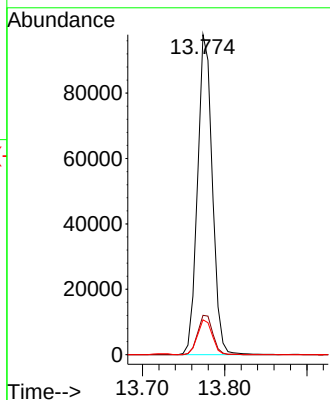
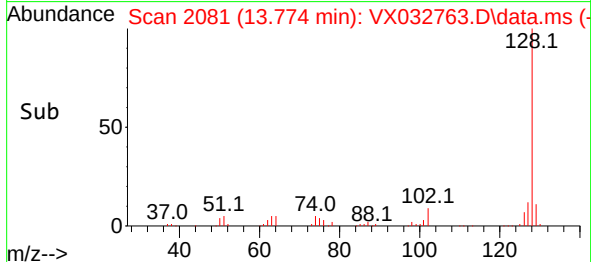
Instrument :
MSVOA_X
ClientSampleId :
VX1111WBSD01



Tgt Ion:128 Resp: 12236
Ion Ratio Lower Upper
128 100
127 12.5 9.9 14.9
129 10.9 8.4 12.6

Manual Integrations
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Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#92
1,2,3-Trichlorobenzene
Concen: 20.512 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX032763.D
Acq: 11 Nov 2022 10:46

Tgt Ion:180 Resp: 35915
Ion Ratio Lower Upper
180 100
182 95.7 0.0 199.0
145 34.5 0.0 68.2

