

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
 Data File : VX031409.D
 Acq On : 16 Sep 2022 14:51
 Operator : JC/MD
 Sample : VX0916WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS01

Quant Time: Sep 16 15:27:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X091622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 16 12:41:56 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/17/2022
 Supervised By : Mahesh Dadoda 09/19/2022

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

Internal Standards						
1) Bromochloromethane	4.903	128	12447	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	70251	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	65852	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	34295	30.583	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	= 101.933%		
60) 4-Bromofluorobenzene	11.079	95	35891	27.035	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	= 90.133%		
63) Toluene-d8	8.646	98	106504	29.545	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	= 98.467%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	12787	18.960	ug/l	92
3) Chloromethane	1.288	50	19814	21.317	ug/l	99
4) Vinyl Chloride	1.373	62	22559	20.943	ug/l	94
5) Bromomethane	1.611	94	34536	24.207	ug/l	97
6) Chloroethane	1.684	64	24041	18.926	ug/l	98
7) Trichlorofluoromethane	1.886	101	50585	19.281	ug/l	93
8) Diethyl Ether	2.135	74	17659	20.191	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	17881	20.010	ug/l	94
10) 1,1-Dichloroethene	2.318	96	15919	19.031	ug/l	94
11) Methyl Iodide	2.452	142	16028	15.890	ug/l	96
12) Methyl Acetate	2.702	43	25718	19.980	ug/l	95
13) Acrolein	2.239	56	16761	98.153	ug/l	99
14) Acrylonitrile	3.068	53	51078	97.305	ug/l	99
15) Acetone	2.385	58	15150	103.020	ug/l	95
16) Carbon Disulfide	2.513	76	41494	19.217	ug/l	99
17) Allyl chloride	2.666	41	26170	19.302	ug/l	88
18) Methylene Chloride	2.788	84	19720	20.380	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	18542	18.843	ug/l	95
20) Diisopropyl ether	3.757	45	59382	18.649	ug/l	92
21) 1,1-Dichloroethane	3.611	63	33377	19.888	ug/l	100
22) cis-1,2-Dichloroethene	4.489	96	22060	19.682	ug/l	99
23) tert-Butyl Alcohol	2.989	59	25591	94.666	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	59804	18.868	ug/l	95
25) Chloroform	5.098	83	36323	18.975	ug/l	93
26) Cyclohexane	5.470	56	29322	19.348	ug/l #	98
29) 1,1-Dichloropropene	5.696	75	26422	18.685	ug/l	99
30) 2-Butanone	4.562	43	76179	95.491	ug/l	98
31) 2,2-Dichloropropane	4.476	77	28710	18.153	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	32530	18.598	ug/l	96
33) Carbon Tetrachloride	5.678	117	28292	18.304	ug/l	95
34) Benzene	6.043	78	77504	18.625	ug/l	97
35) Methacrylonitrile	4.922	41	14540	18.198	ug/l	90
36) 1,2-Dichloroethane	6.086	62	29165	18.563	ug/l #	87
37) Trichloroethene	7.128	130	21269	18.878	ug/l	90
38) Methylcyclohexane	7.378	83	31558	19.092	ug/l	95
39) 1,2-Dichloropropane	7.433	63	18945	18.976	ug/l	96
40) Dibromomethane	7.580	93	14657	18.985	ug/l	91
41) Bromodichloromethane	7.823	83	26937	17.784	ug/l	97
42) Vinyl Acetate	3.721	43	259607	90.709	ug/l	99

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 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.720	43	29106	18.612	ug/l	100
44) Isopropyl Acetate	6.342	43	47250	18.181	ug/l	95
45) 1,4-Dioxane	7.689	88	10880	387.880	ug/l	93
46) Methyl methacrylate	7.695	41	20864	17.934	ug/l	87
47) n-amyl Acetate	10.847	43	39612	17.085	ug/l	96
48) t-1,3-Dichloropropene	8.982	75	28172	16.313	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	31082	17.695	ug/l	94
50) 1,1,2-Trichloroethane	9.152	97	20424	17.492	ug/l	97
51) Ethyl methacrylate	9.116	69	30107	17.254	ug/l	90
52) 1,3-Dichloropropane	9.311	76	34046	17.958	ug/l	99
53) Dibromochloromethane	9.524	129	21560	16.550	ug/l	100
54) 1,2-Dibromoethane	9.610	107	21536	16.709	ug/l	100
55) 2-Chloroethyl vinyl ether	8.244	63	69339	77.358	ug/l	98
56) Bromoform	10.799	173	15022	15.401	ug/l	99
58) 4-Methyl-2-Pentanone	8.573	43	155432	98.523	ug/l	97
59) 2-Hexanone	9.433	43	116574	96.484	ug/l	98
61) Tetrachloroethene	9.274	164	20494	19.186	ug/l	97
62) Toluene	8.720	91	87695	18.410	ug/l	96
64) Chlorobenzene	10.079	112	54114	18.269	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.165	131	20216	18.555	ug/l	95
66) Ethyl Benzene	10.195	91	96571	18.223	ug/l	97
67) m/p-Xylenes	10.305	106	76609	34.102	ug/l	100
68) o-Xylene	10.640	106	36525	17.060	ug/l	98
69) Styrene	10.658	104	60061	16.458	ug/l	99
70) Isopropylbenzene	10.963	105	97594	17.114	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	32238	18.230	ug/l	97
72) 1,2,3-Trichloropropane	11.237	75	29128m	17.926	ug/l	
73) Bromobenzene	11.201	156	23519	17.117	ug/l	98
74) n-propylbenzene	11.305	91	114447	17.243	ug/l	99
75) 2-Chlorotoluene	11.366	91	66036	16.990	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	82822	16.397	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	8687	15.808	ug/l	95
78) 4-Chlorotoluene	11.457	91	75032	16.165	ug/l	98
79) tert-butylbenzene	11.713	119	81524	17.066	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	80475	16.433	ug/l	98
81) sec-Butylbenzene	11.890	105	102636	16.920	ug/l	99
82) p-Isopropyltoluene	12.012	119	85947	16.600	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	45553	16.745	ug/l	97
84) 1,4-Dichlorobenzene	12.042	146	45376	16.242	ug/l	98
85) n-Butylbenzene	12.335	91	73489	16.888	ug/l	98
86) Hexachloroethane	12.542	117	14907	17.143	ug/l	86
87) 1,2-Dichlorobenzene	12.335	146	44271	16.389	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.944	75	6607	17.538	ug/l	94
89) 1,2,4-Trichlorobenzene	13.591	180	26373	17.776	ug/l	99
90) Hexachlorobutadiene	13.725	225	10445	19.199	ug/l	98
91) Naphthalene	13.774	128	94962	17.750	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	26874	18.056	ug/l	97

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

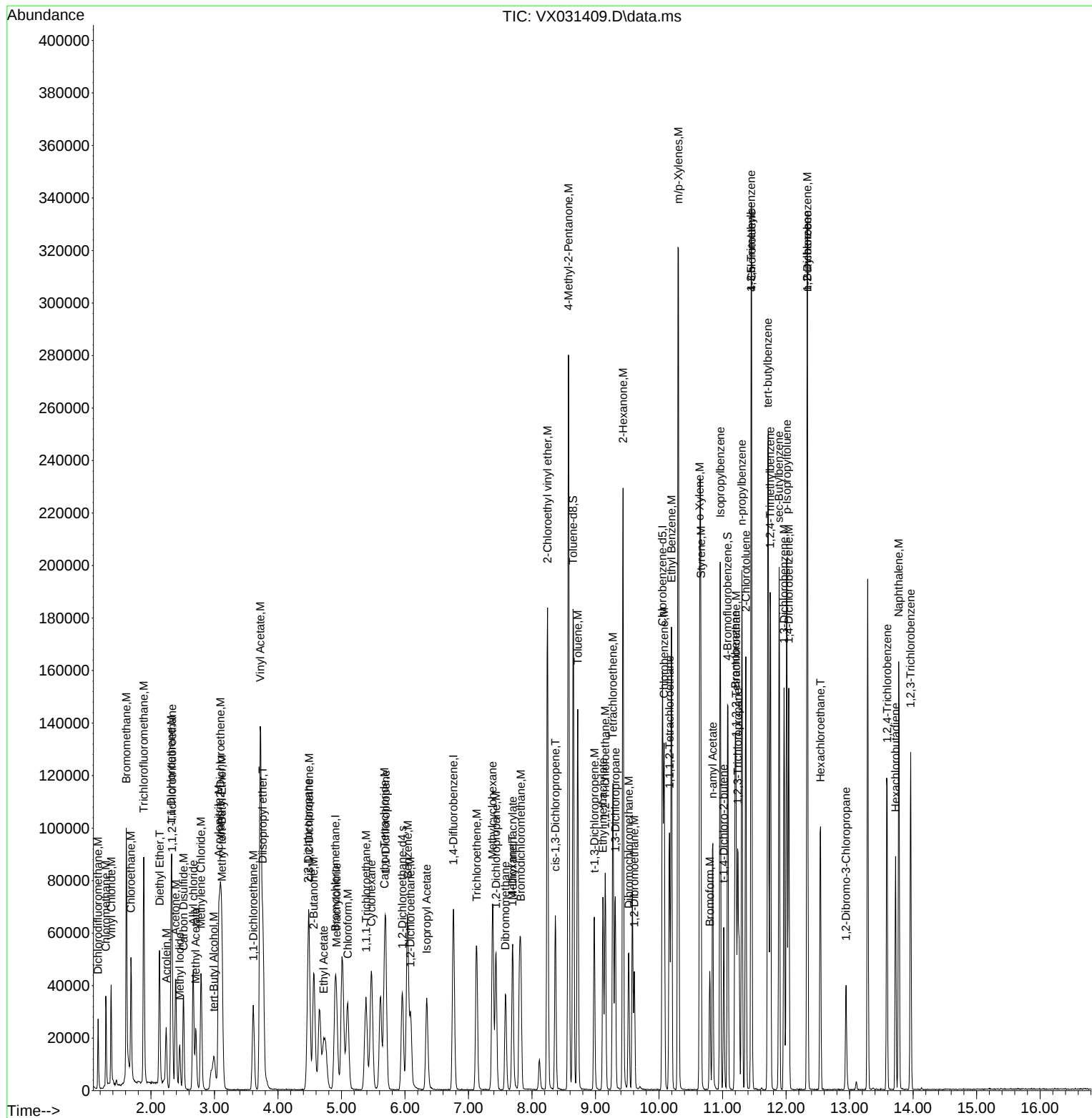
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
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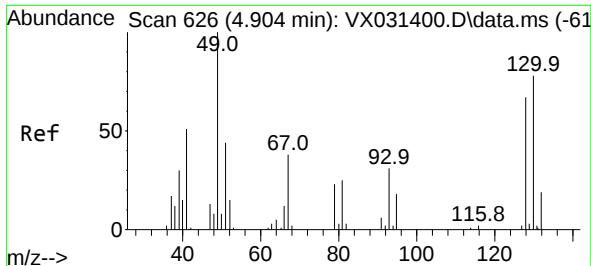
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS01

Manual Integrations APPROVED

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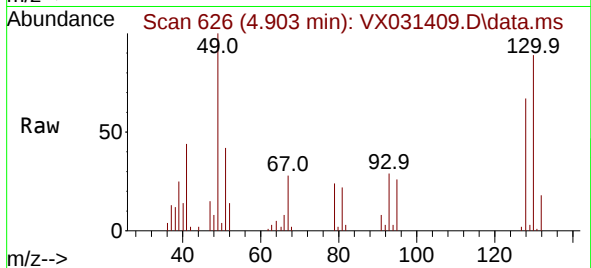
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

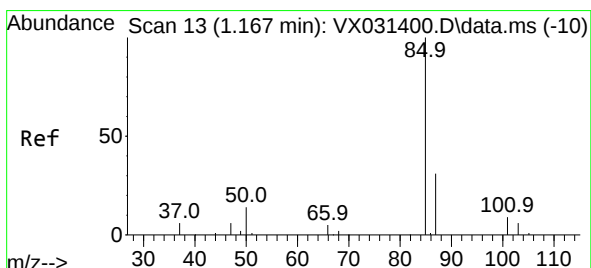
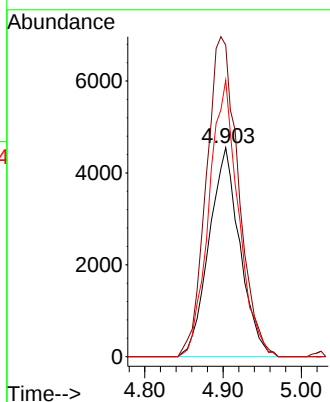
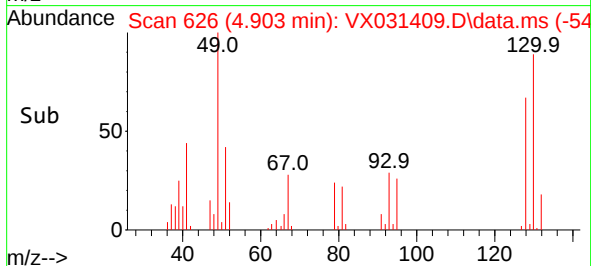
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



Tgt Ion:128 Resp: 1244
Ion Ratio Lower Upper
128 100
49 159.5 0.0 358.3
130 126.4 0.0 319.3

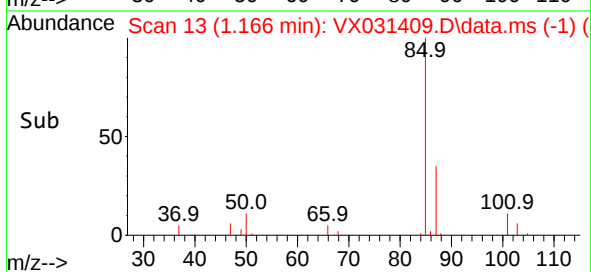
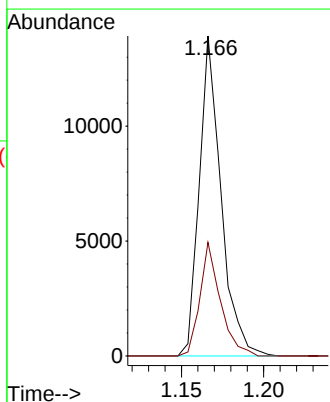
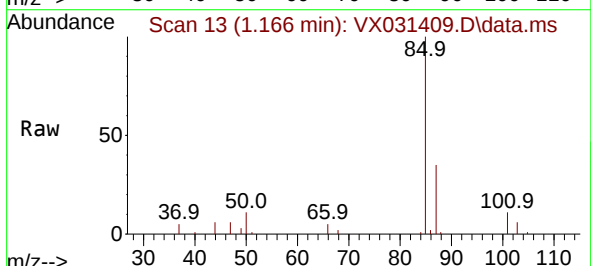
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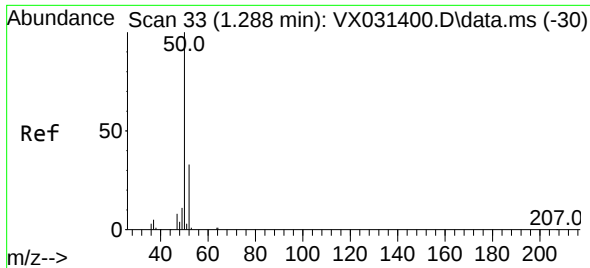
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#2
Dichlorodifluoromethane
Concen: 18.960 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

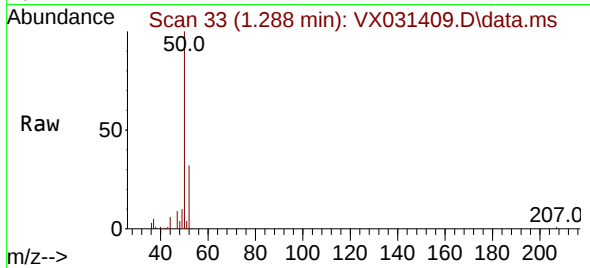
Tgt Ion: 85 Resp: 12787
Ion Ratio Lower Upper
85 100
87 35.5 15.6 46.8





#3
Chloromethane
Concen: 21.317 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

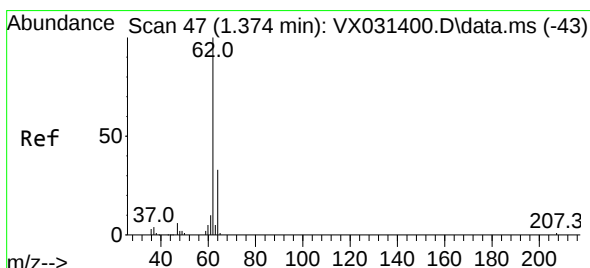
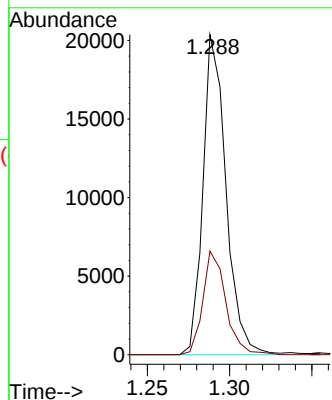
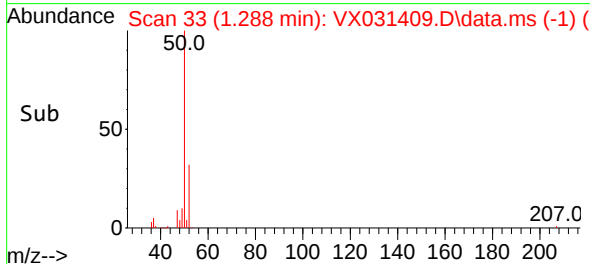
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Tgt Ion: 50 Resp: 19814
Ion Ratio Lower Upper
50 100
52 32.3 25.6 38.4

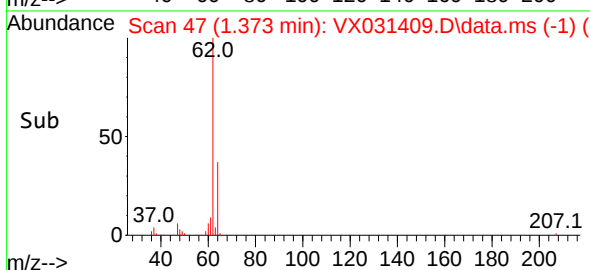
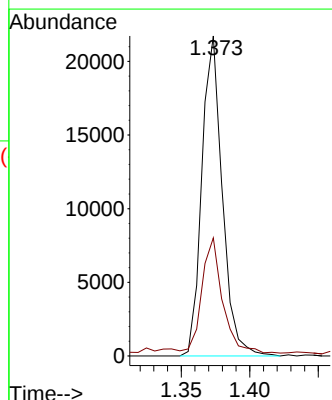
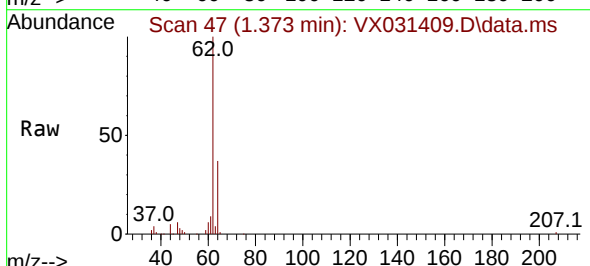
Manual Integrations
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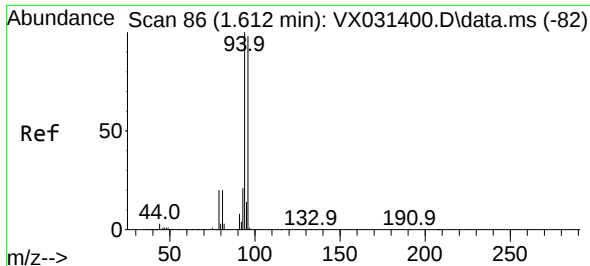
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#4
Vinyl Chloride
Concen: 20.943 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

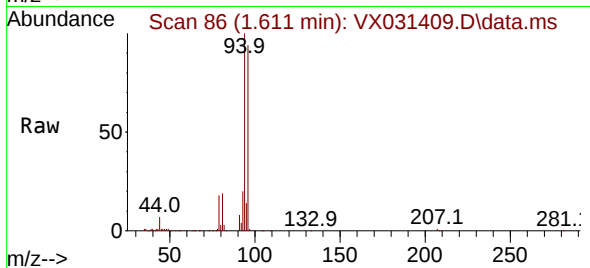
Tgt Ion: 62 Resp: 22559
Ion Ratio Lower Upper
62 100
64 36.0 26.2 39.2





#5
Bromomethane
Concen: 24.207 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

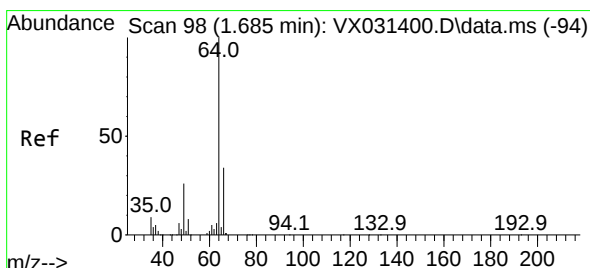
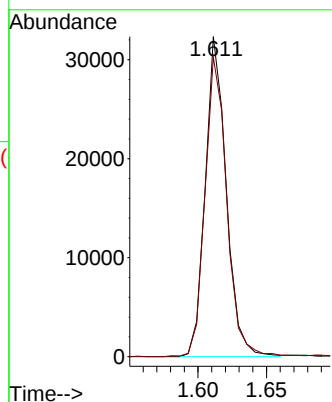
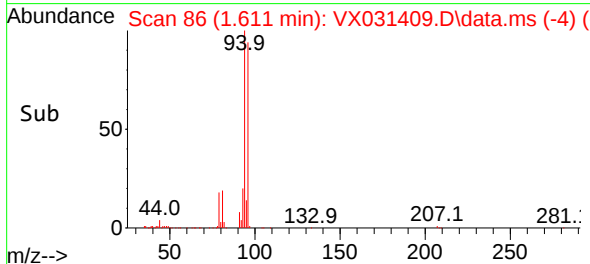
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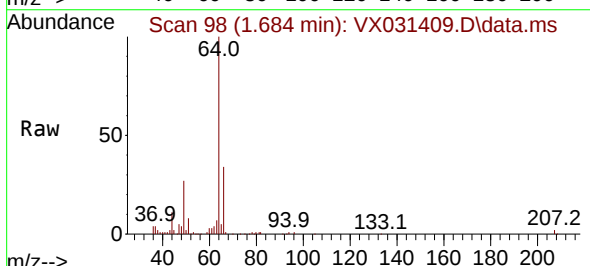
Tgt Ion: 94 Resp: 34530
Ion Ratio Lower Upper
94 100
96 93.3 77.0 115.6

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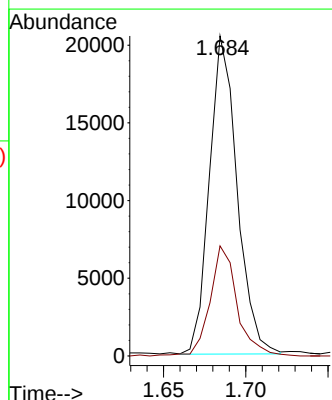
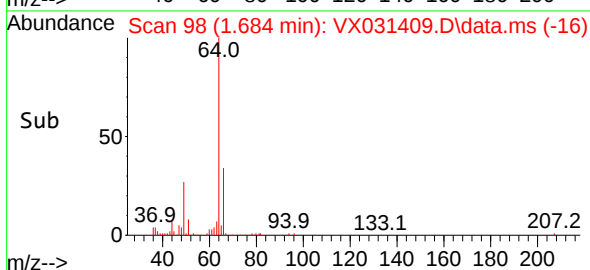
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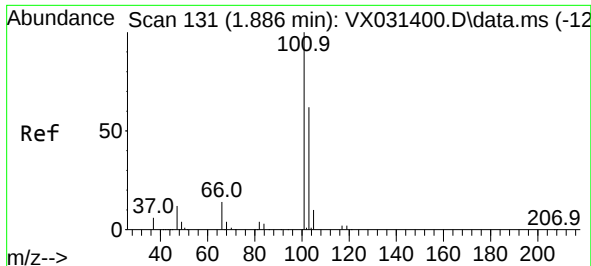


#6
Chloroethane
Concen: 18.926 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX031409.D
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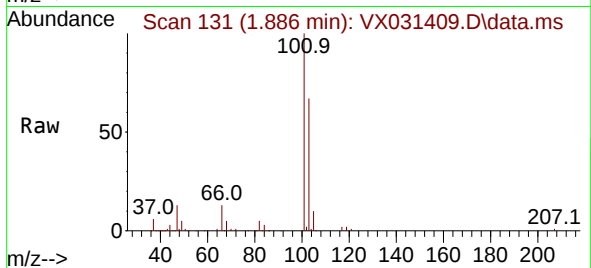
Tgt Ion: 64 Resp: 24041
Ion Ratio Lower Upper
64 100
66 34.1 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 19.281 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX031409.D
 Acq: 16 Sep 2022 14:51

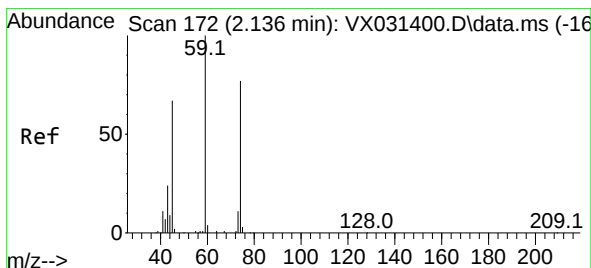
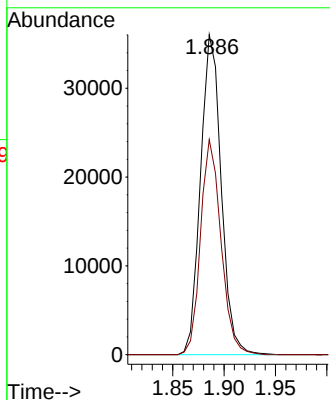
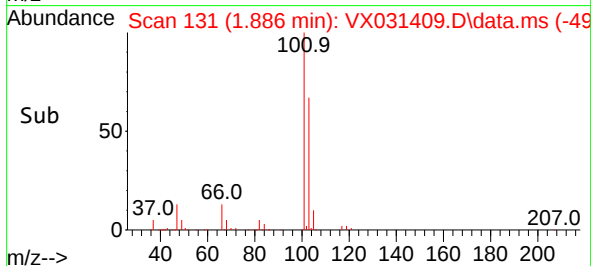
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 MSVOA_X
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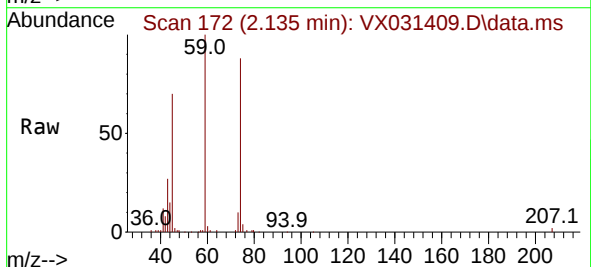
Tgt Ion: 101 Resp: 5058
 Ion Ratio Lower Upper
 101 100
 103 67.2 49.6 74.4

Manual Integrations
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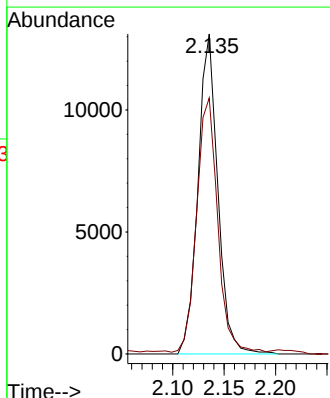
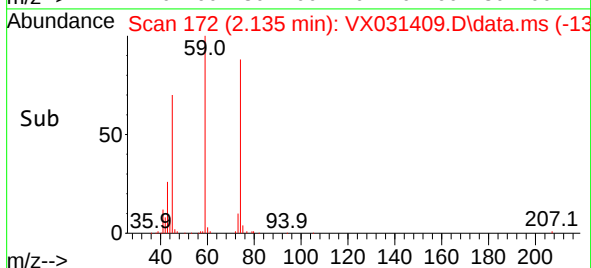
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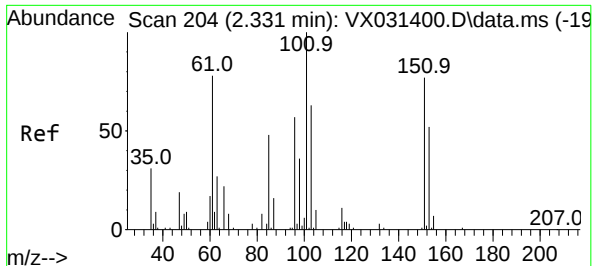


#8
 Diethyl Ether
 Concen: 20.191 ug/l
 RT: 2.135 min Scan# 172
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 17659
 Ion Ratio Lower Upper
 74 100
 45 85.9 18.7 168.7





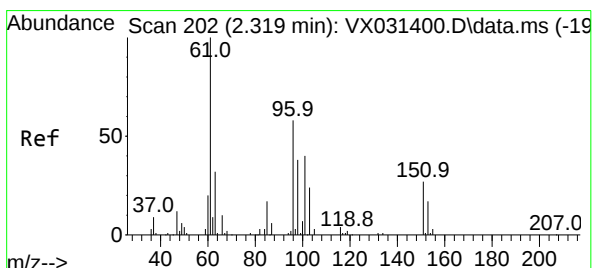
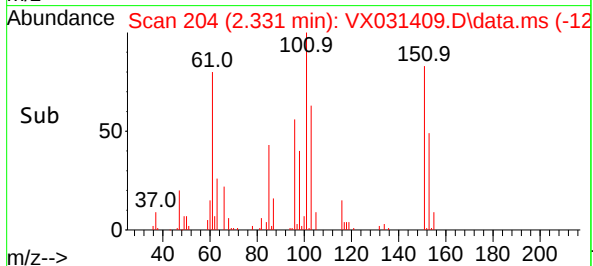
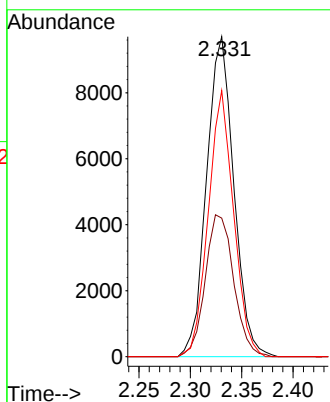
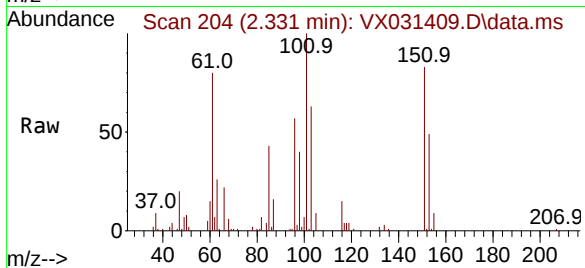
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1,1,2-Trichlorotrifluoroethane
Concen: 20.010 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tgt Ion:101 Resp: 1788
Ion Ratio Lower Upper
101 100
85 46.3 0.0 84.6
151 77.2 0.0 165.4

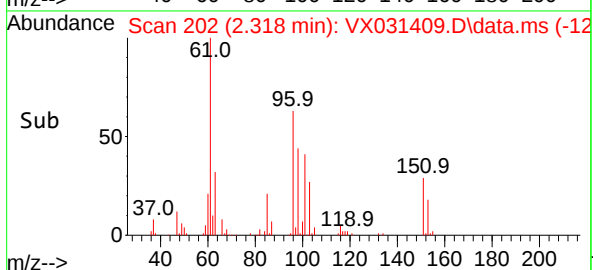
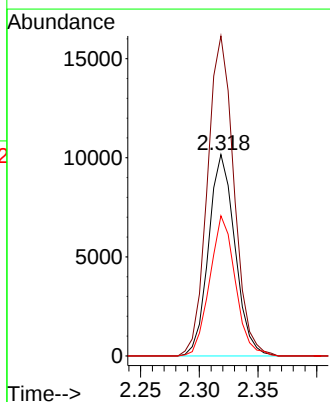
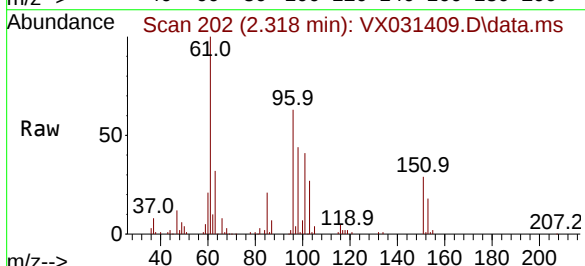
Manual Integrations
APPROVED

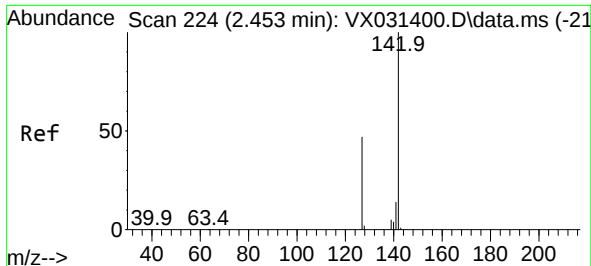
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#10
1,1-Dichloroethene
Concen: 19.031 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

Tgt Ion: 96 Resp: 15919
Ion Ratio Lower Upper
96 100
61 158.8 122.6 183.8
98 69.6 50.1 75.1





#11

Methyl Iodide

Concen: 15.890 ug/l

RT: 2.452 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX031409.D

Acq: 16 Sep 2022 14:51

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

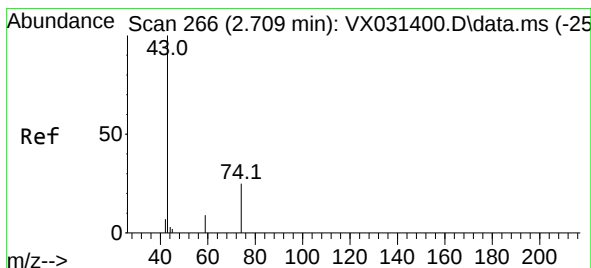
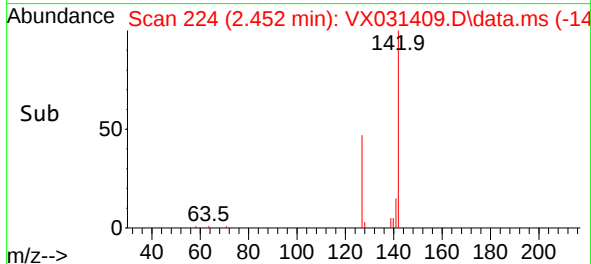
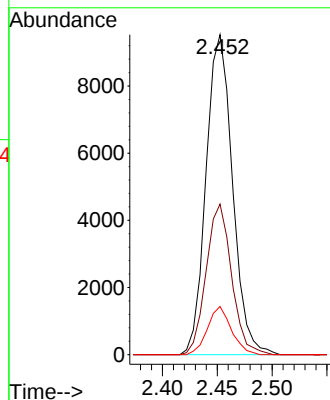
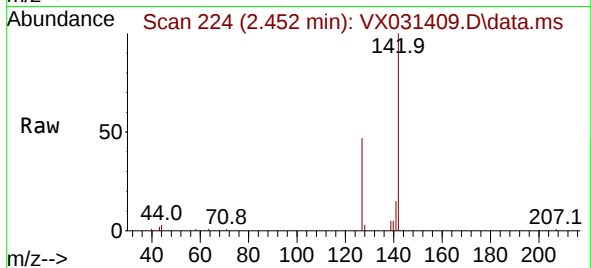
Tgt Ion:	142	Resp:	16028
Ion Ratio	Lower	Upper	
142	100		
127	47.1	22.3	66.9
141	15.1	7.0	20.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#12

Methyl Acetate

Concen: 19.980 ug/l

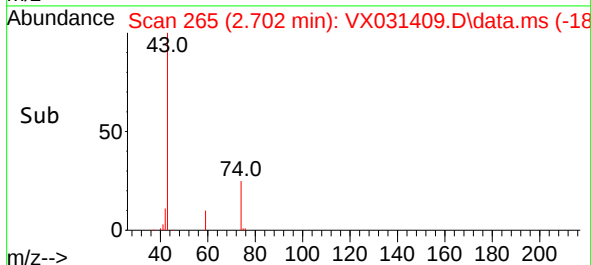
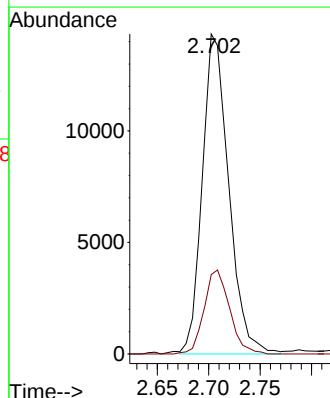
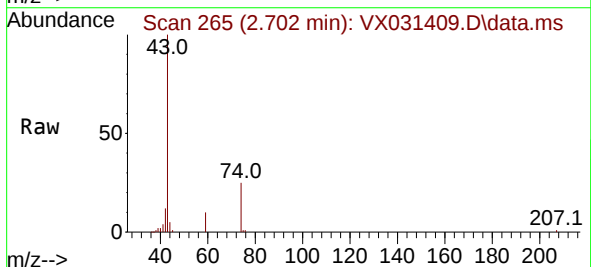
RT: 2.702 min Scan# 265

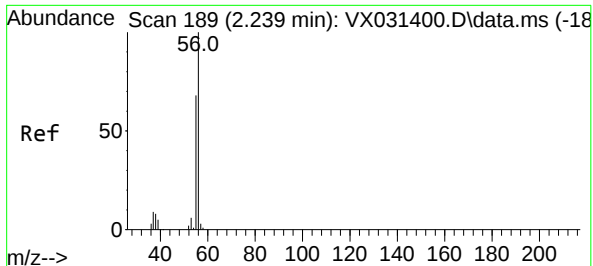
Delta R.T. -0.006 min

Lab File: VX031409.D

Acq: 16 Sep 2022 14:51

Tgt Ion:	43	Resp:	25718
Ion Ratio	Lower	Upper	
43	100		
74	24.8	22.1	33.1





#13

Acrolein

Concen: 98.153 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX031409.D

Acq: 16 Sep 2022 14:51

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tgt Ion: 56 Resp: 1676

Ion Ratio Lower Upper

56 100

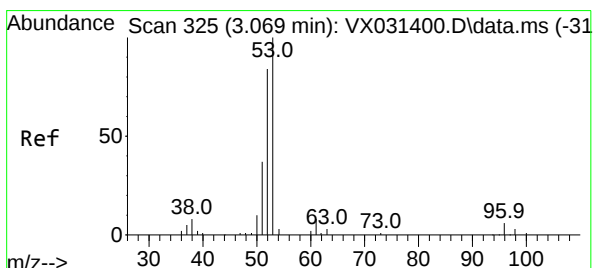
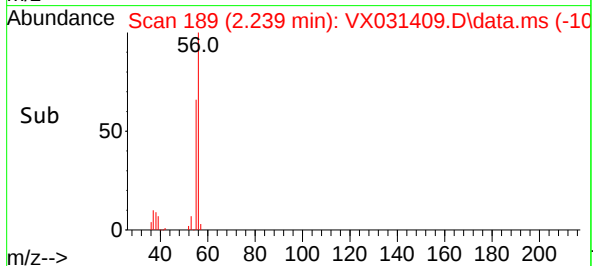
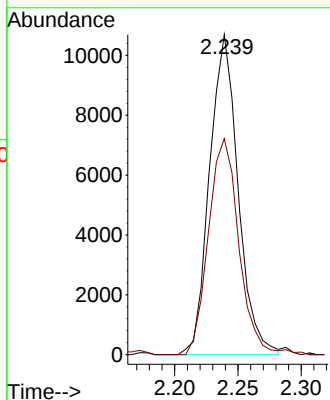
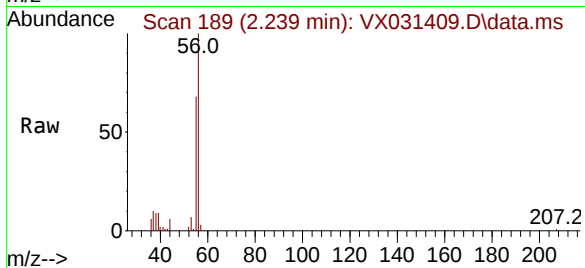
55 71.3 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#14

Acrylonitrile

Concen: 97.305 ug/l

RT: 3.068 min Scan# 325

Delta R.T. -0.000 min

Lab File: VX031409.D

Acq: 16 Sep 2022 14:51

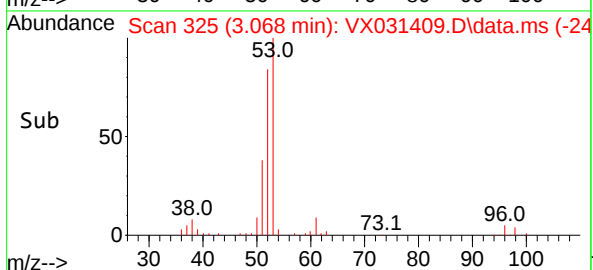
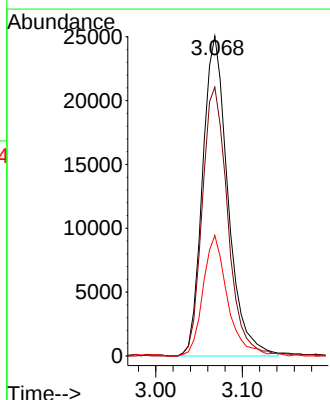
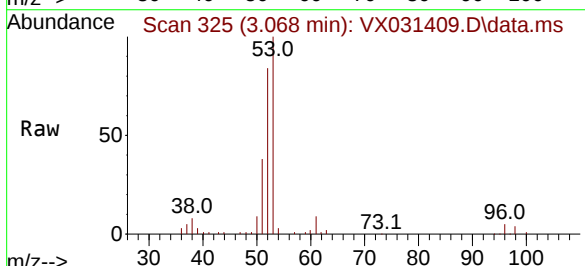
Tgt Ion: 53 Resp: 51078

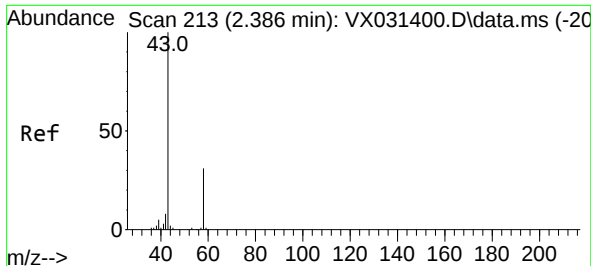
Ion Ratio Lower Upper

53 100

52 84.1 41.5 124.5

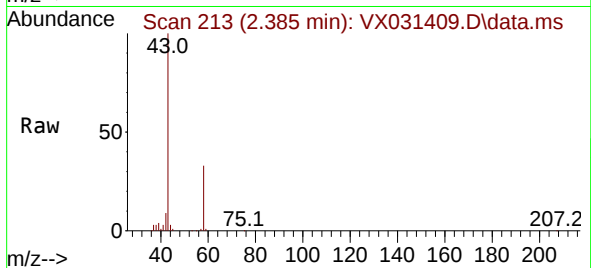
51 36.1 18.1 54.4





#15
Acetone
Concen: 103.020 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

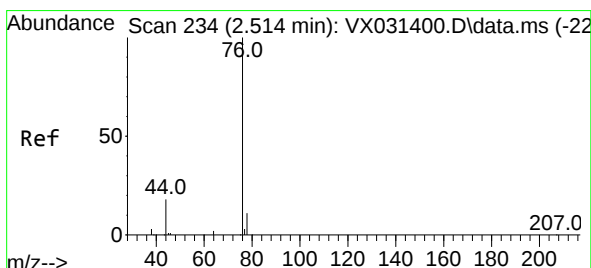
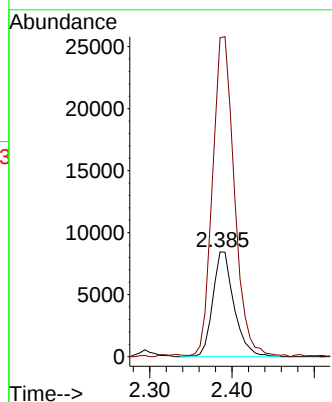
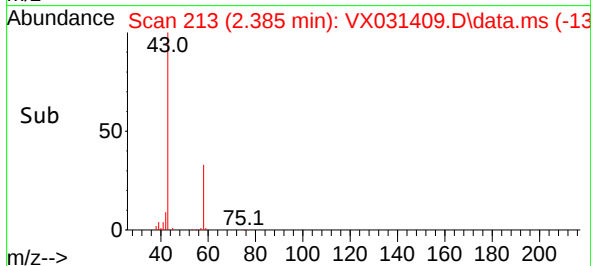
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



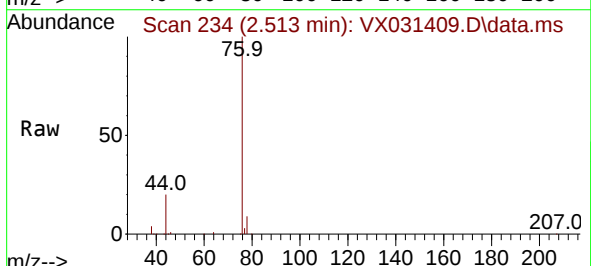
Tgt Ion: 58 Resp: 15150
Ion Ratio Lower Upper
58 100
43 303.2 250.2 375.2

Manual Integrations
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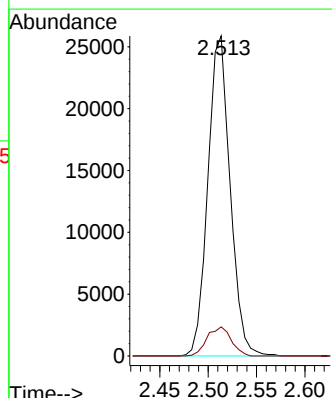
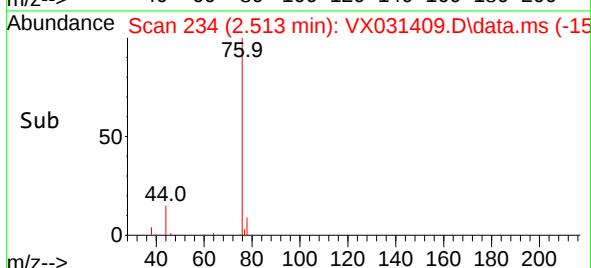
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

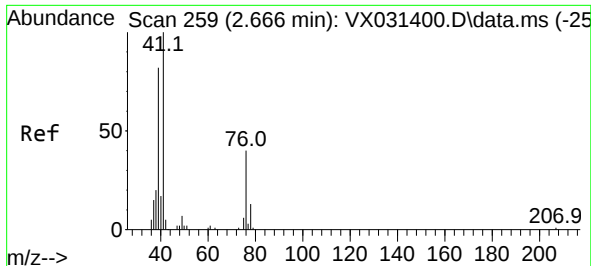


#16
Carbon Disulfide
Concen: 19.217 ug/l
RT: 2.513 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51



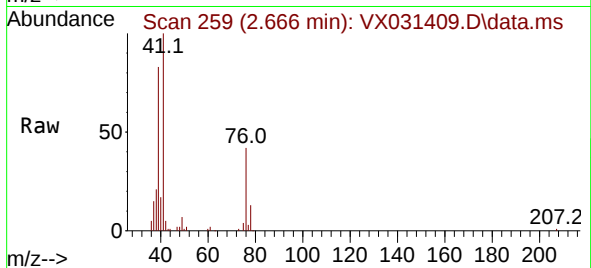
Tgt Ion: 76 Resp: 41494
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7





#17
 Allyl chloride
 Concen: 19.302 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. -0.000 min
 Lab File: VX031409.D
 Acq: 16 Sep 2022 14:51

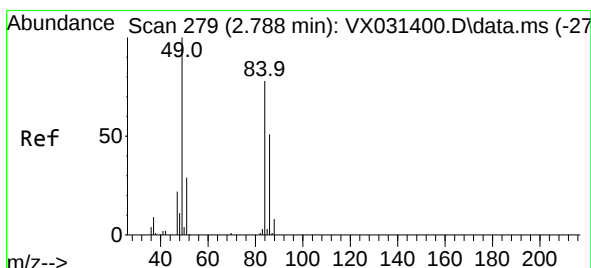
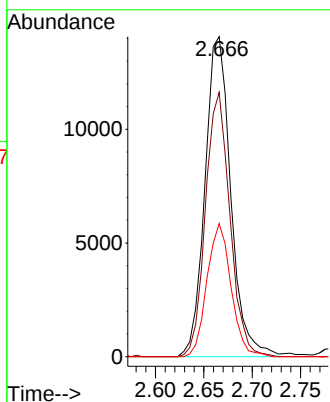
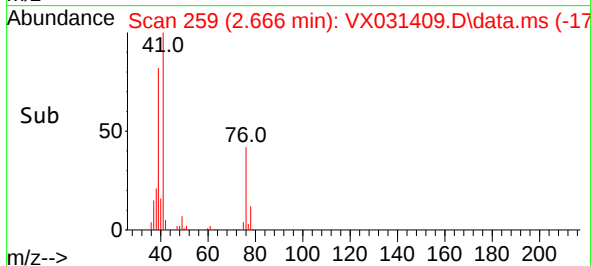
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS01



Tgt Ion: 41	Resp: 26170
Ion Ratio	Lower Upper
41 100	
39 82.6	35.4 106.1
76 41.6	18.4 55.4

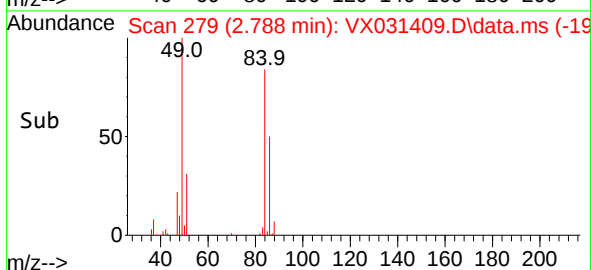
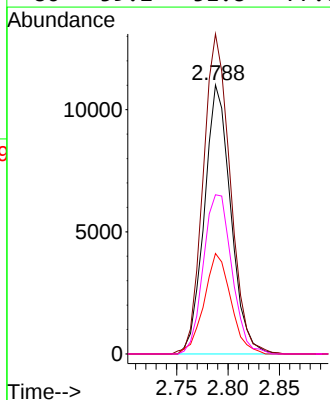
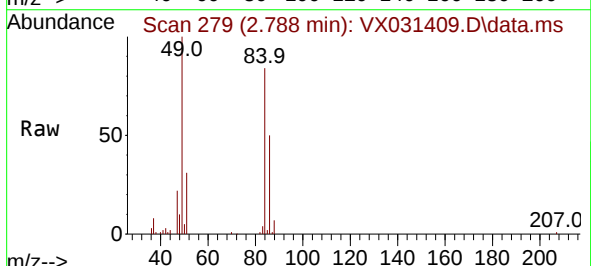
Manual Integrations
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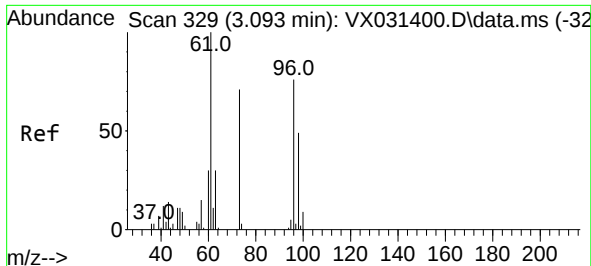
Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022



#18
 Methylene Chloride
 Concen: 20.380 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX031409.D
 Acq: 16 Sep 2022 14:51

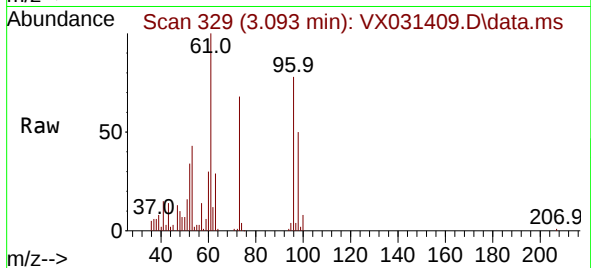
Tgt Ion: 84	Resp: 19720
Ion Ratio	Lower Upper
84 100	
49 118.4	94.2 141.2
51 37.4	29.2 43.8
86 59.2	51.8 77.6





#19
trans-1,2-Dichloroethene
Concen: 18.843 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

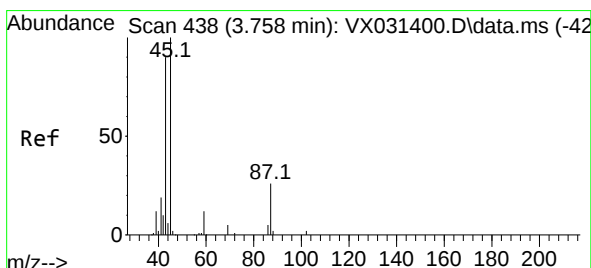
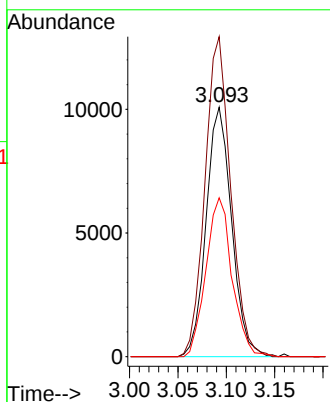
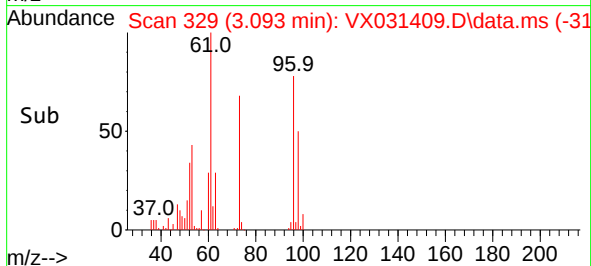
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



Tgt Ion: 96 Resp: 1854
Ion Ratio Lower Upper
96 100
61 128.3 108.7 163.1
98 63.7 49.2 73.8

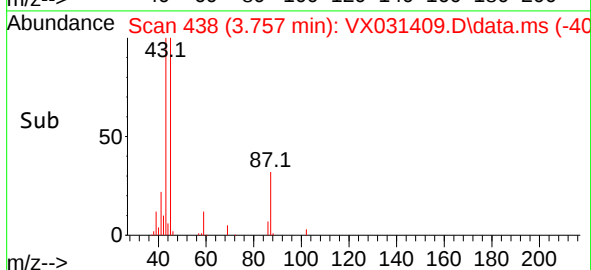
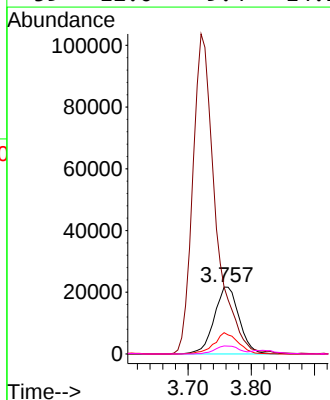
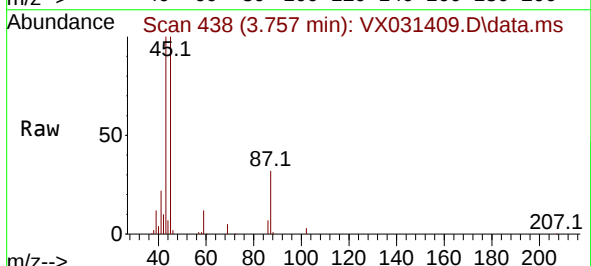
Manual Integrations
APPROVED

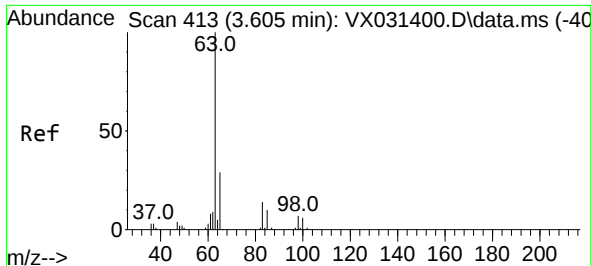
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#20
Diisopropyl ether
Concen: 18.649 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

Tgt Ion: 45 Resp: 59382
Ion Ratio Lower Upper
45 100
43 97.9 70.3 105.5
87 31.8 24.5 36.7
59 12.0 9.4 14.2





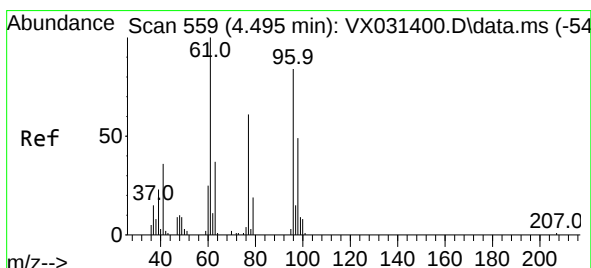
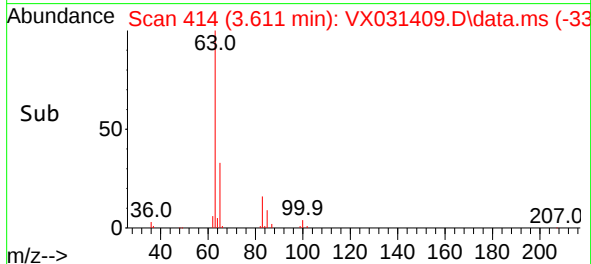
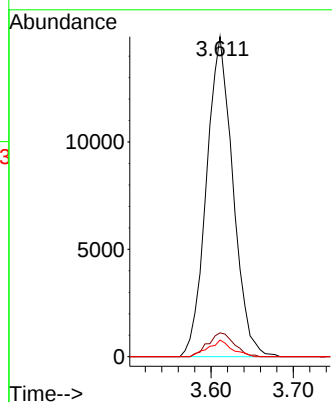
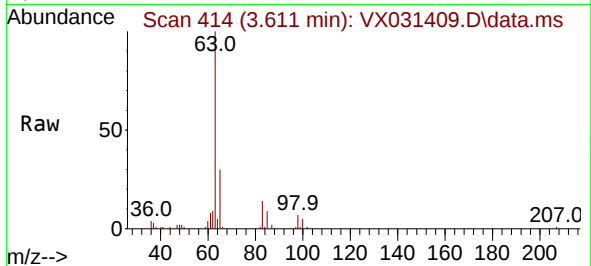
#21
1,1-Dichloroethane
Concen: 19.888 ug/l
RT: 3.611 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tgt Ion: 63 Resp: 3337
Ion Ratio Lower Upper
63 100
98 7.5 3.8 11.2
100 5.2 2.5 7.5

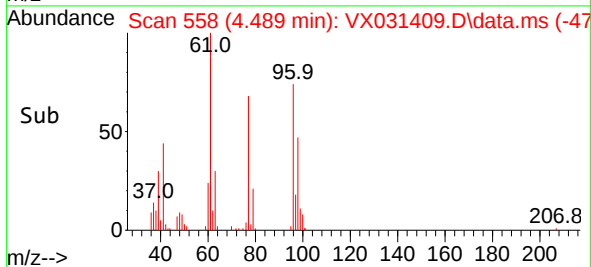
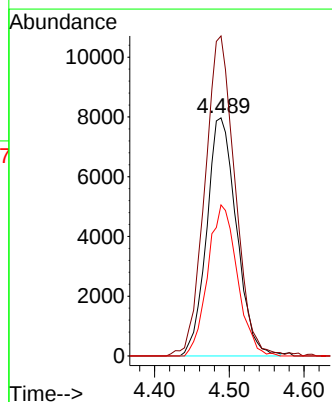
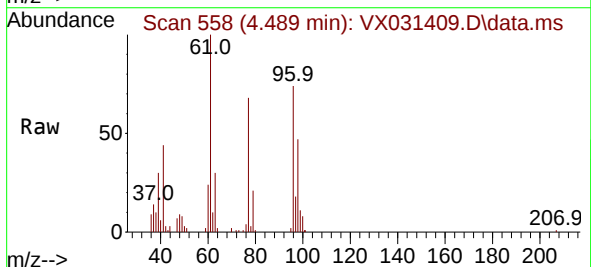
Manual Integrations
APPROVED

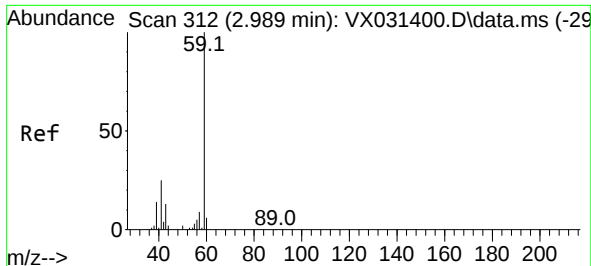
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#22
cis-1,2-Dichloroethene
Concen: 19.682 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

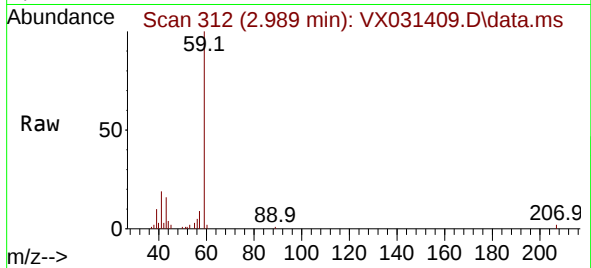
Tgt Ion: 96 Resp: 22060
Ion Ratio Lower Upper
96 100
61 135.2 107.4 161.2
98 62.5 51.1 76.7





#23
tert-Butyl Alcohol
Concen: 94.666 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.012 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

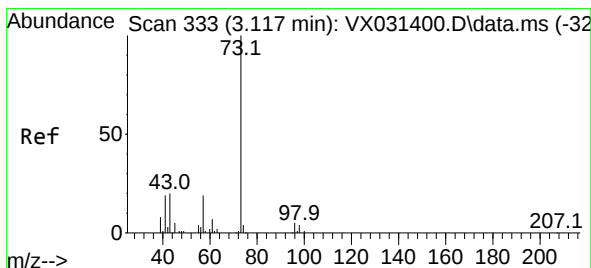
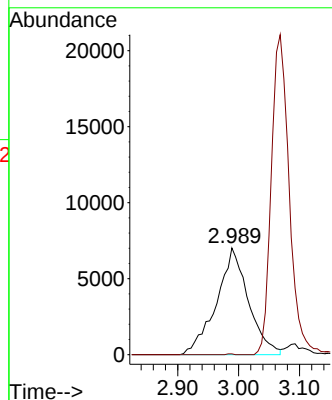
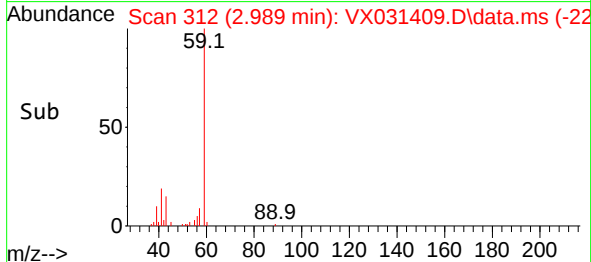
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



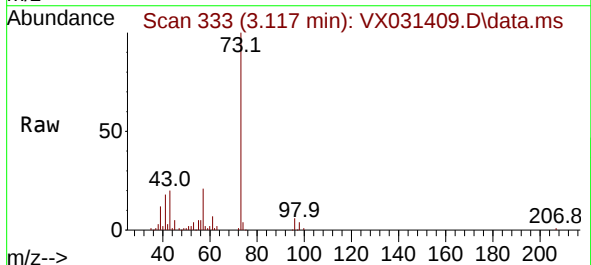
Tgt Ion: 59 Resp: 2559
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0

Manual Integrations
APPROVED

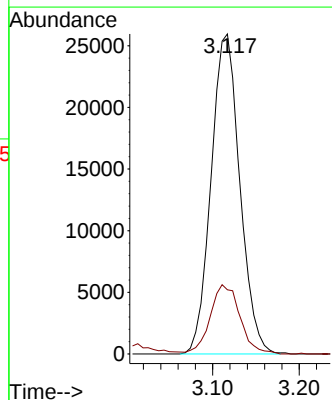
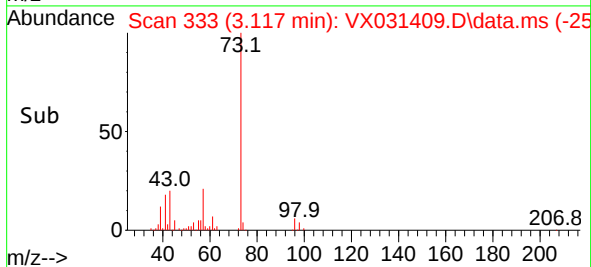
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

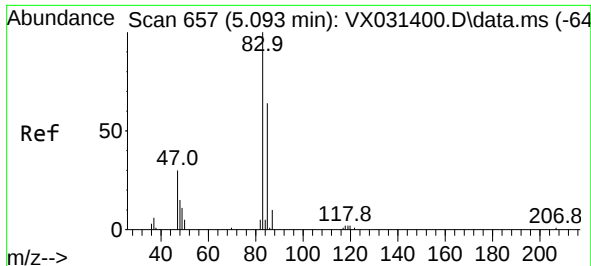


#24
Methyl tert-Butyl Ether
Concen: 18.868 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51



Tgt Ion: 73 Resp: 59804
Ion Ratio Lower Upper
73 100
43 22.4 16.0 24.0





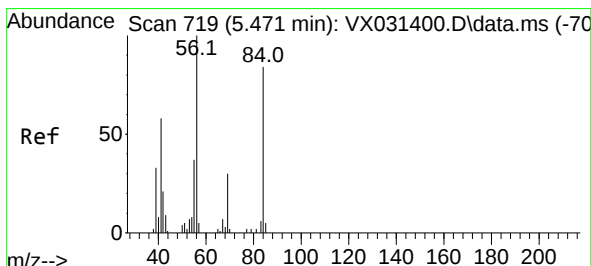
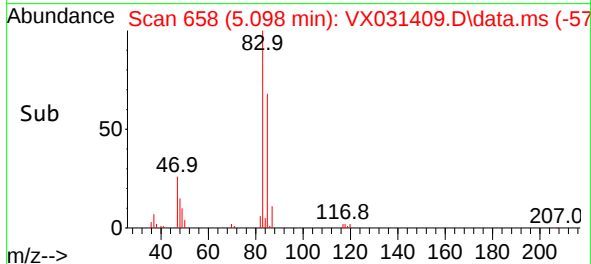
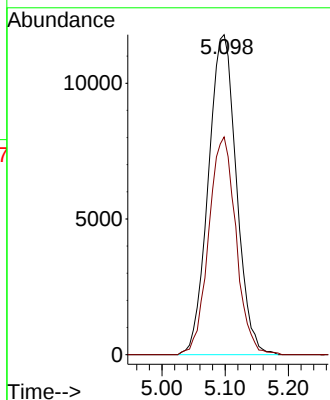
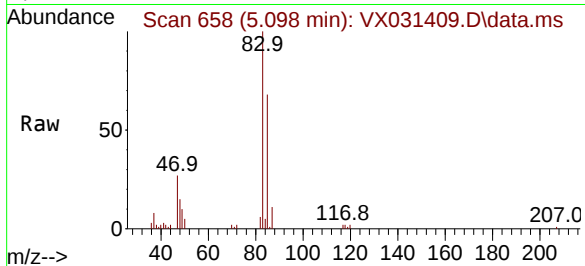
#25
Chloroform
Concen: 18.975 ug/l
RT: 5.098 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tgt Ion: 83 Resp: 3632
Ion Ratio Lower Upper
83 100
85 68.1 49.9 74.9

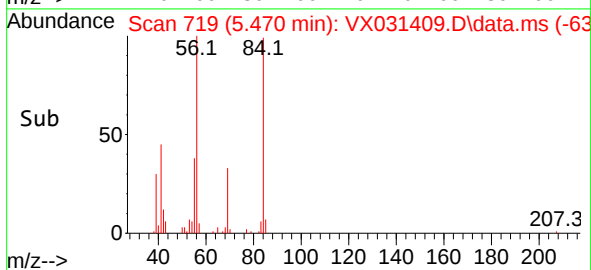
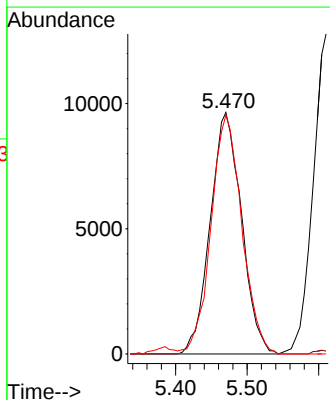
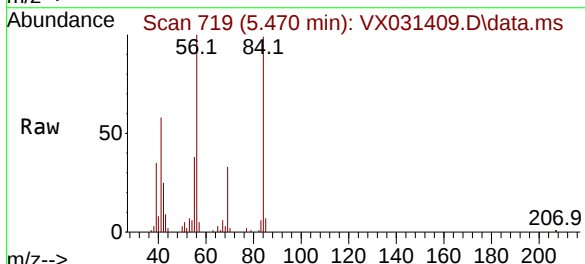
Manual Integrations
APPROVED

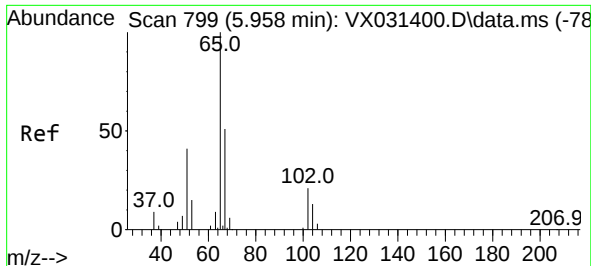
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#26
Cyclohexane
Concen: 19.348 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

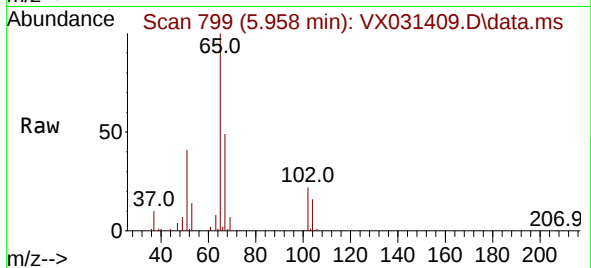
Tgt Ion: 56 Resp: 29322
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 97.3 76.2 114.2





#27
1,2-Dichloroethane-d4
Concen: 30.583 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

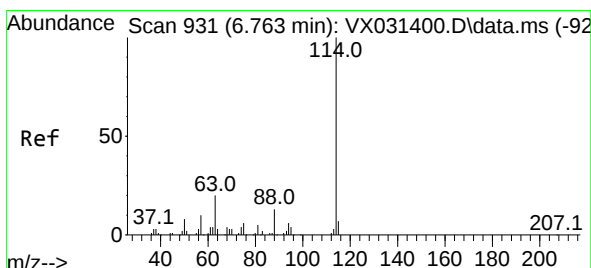
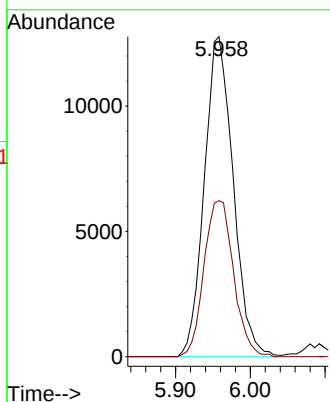
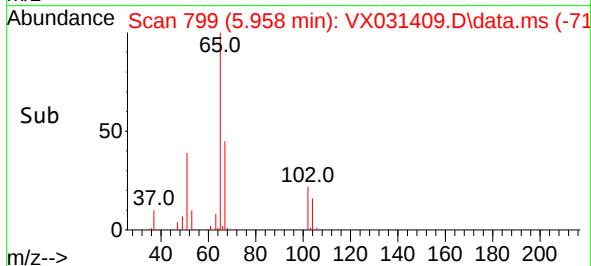
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



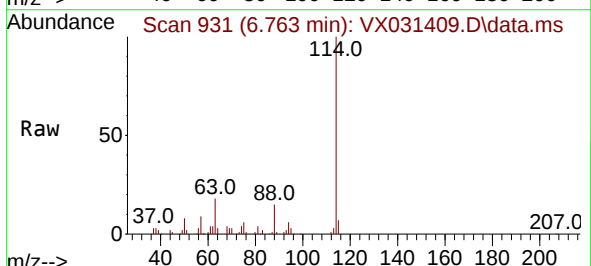
Tgt Ion: 65 Resp: 3429
Ion Ratio Lower Upper
65 100
67 49.8 42.3 63.5

Manual Integrations
APPROVED

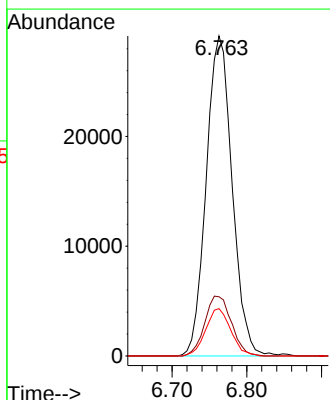
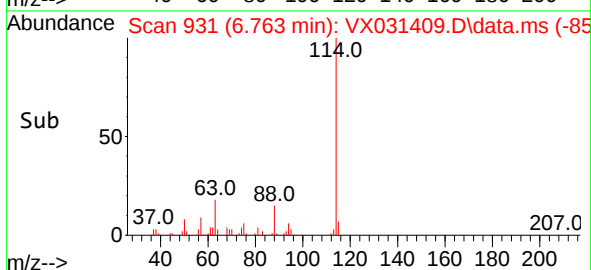
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

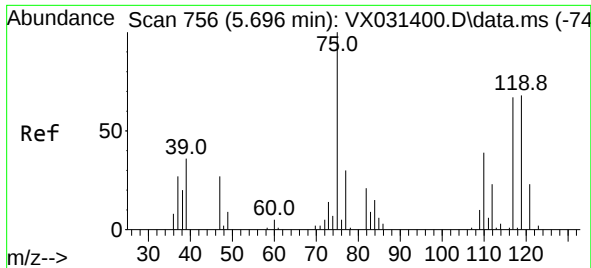


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51



Tgt Ion:114 Resp: 70251
Ion Ratio Lower Upper
114 100
63 19.2 15.3 22.9
88 14.4 12.2 18.4





#29

1,1-Dichloropropene

Concen: 18.685 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.006 min

Lab File: VX031409.D

Acq: 16 Sep 2022 14:51

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

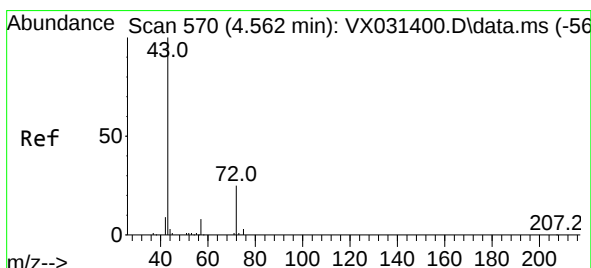
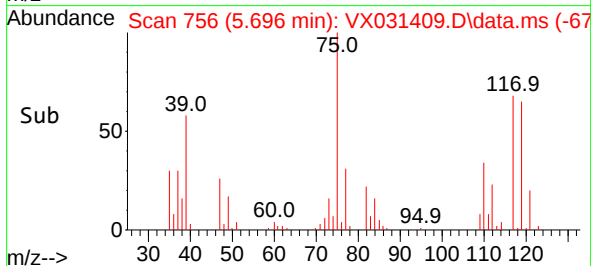
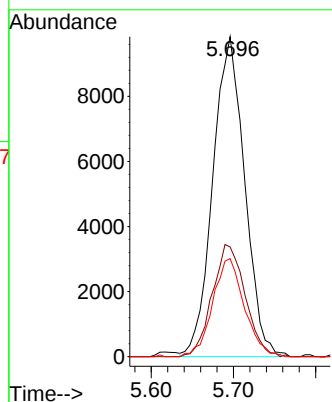
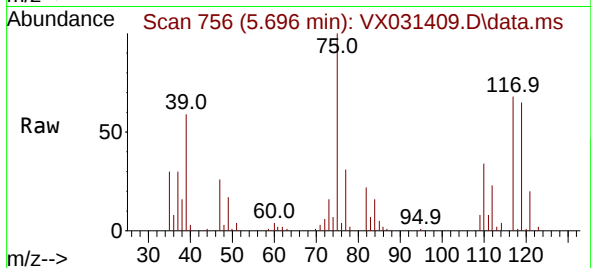
Tgt Ion: 75	Resp: 2642
Ion Ratio	Lower Upper
75 100	
110 36.1	0.0 73.6
77 30.6	0.0 62.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#30

2-Butanone

Concen: 95.491 ug/l

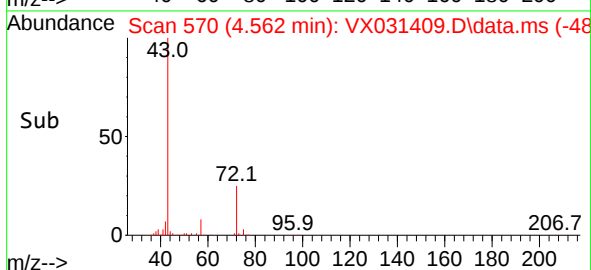
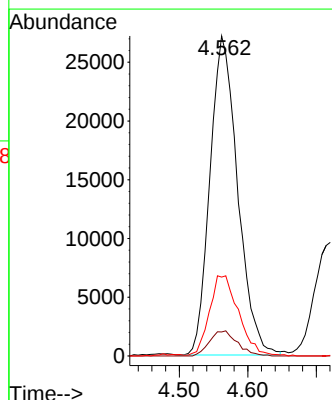
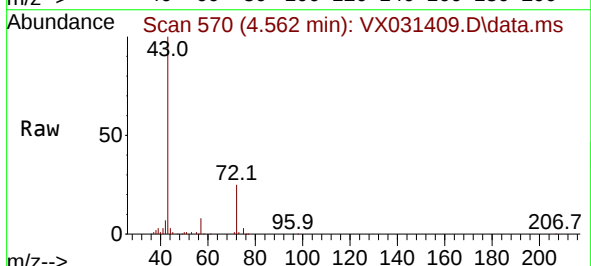
RT: 4.562 min Scan# 570

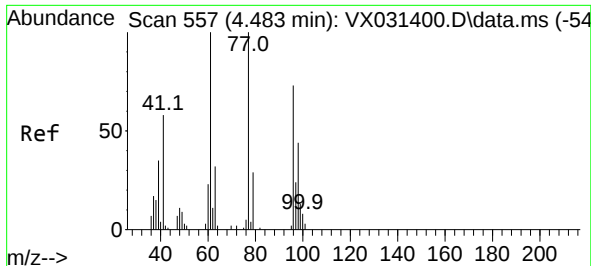
Delta R.T. -0.000 min

Lab File: VX031409.D

Acq: 16 Sep 2022 14:51

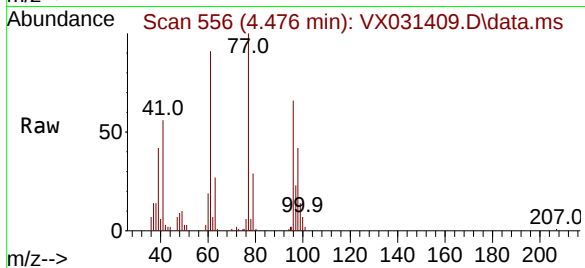
Tgt Ion: 43	Resp: 76179
Ion Ratio	Lower Upper
43 100	
57 7.9	6.6 10.0
72 26.6	22.1 33.1





#31
2,2-Dichloropropane
Concen: 18.153 ug/l
RT: 4.476 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

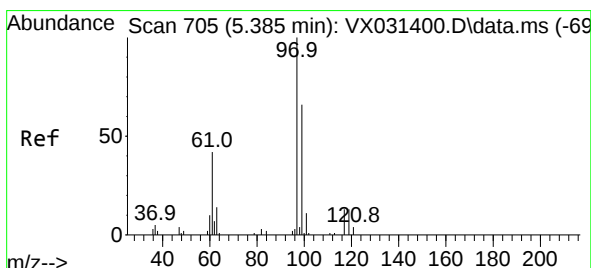
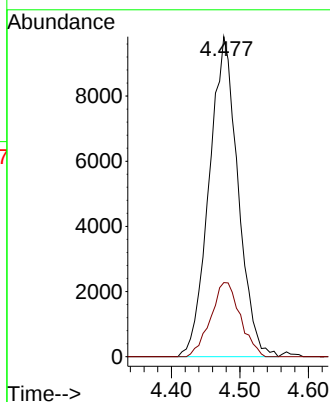
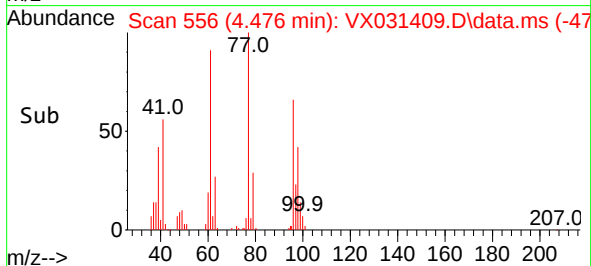
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



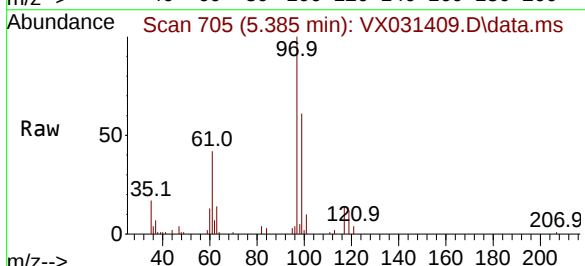
Tgt Ion: 77 Resp: 28710
Ion Ratio Lower Upper
77 100
97 23.7 18.4 27.6

Manual Integrations
APPROVED

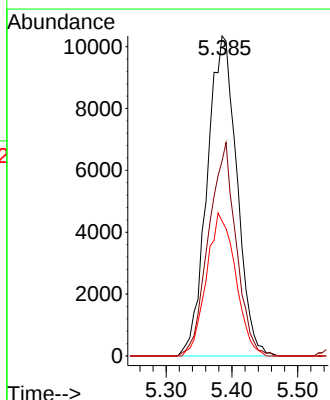
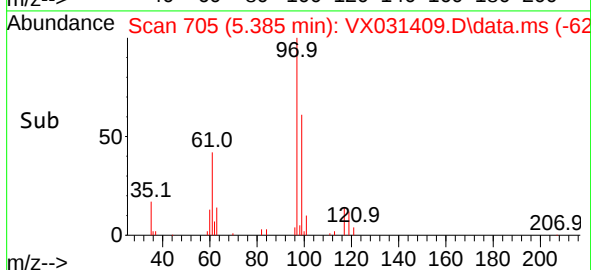
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

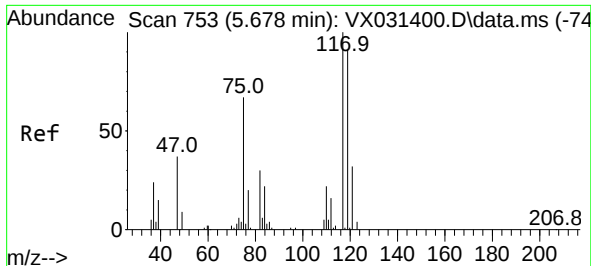


#32
1,1,1-Trichloroethane
Concen: 18.598 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51



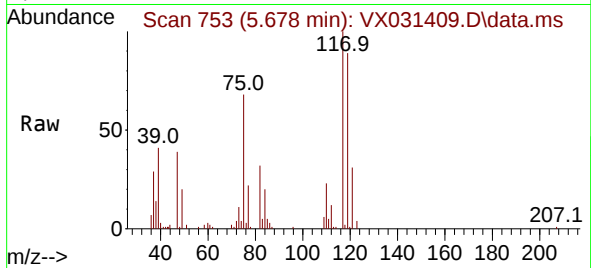
Tgt Ion: 97 Resp: 32530
Ion Ratio Lower Upper
97 100
99 61.7 51.8 77.8
61 43.8 33.4 50.0





#33
Carbon Tetrachloride
Concen: 18.304 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

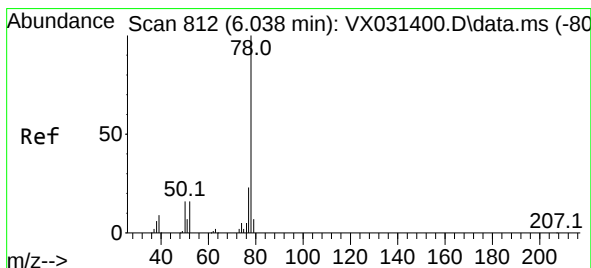
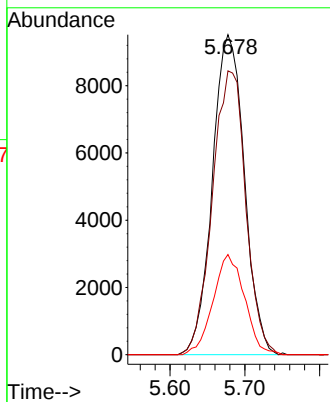
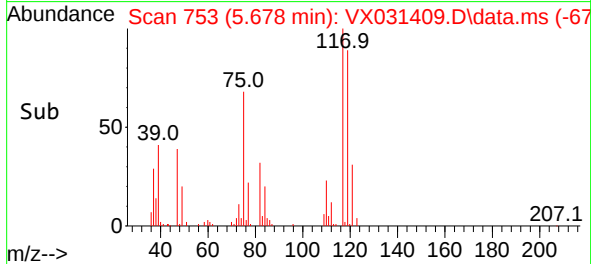
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



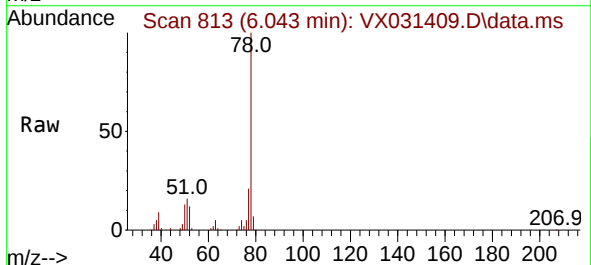
Tgt Ion: 117 Resp: 2829
Ion Ratio Lower Upper
117 100
119 88.7 75.3 112.9
121 31.3 24.1 36.1

Manual Integrations
APPROVED

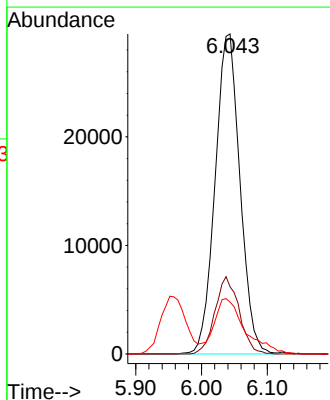
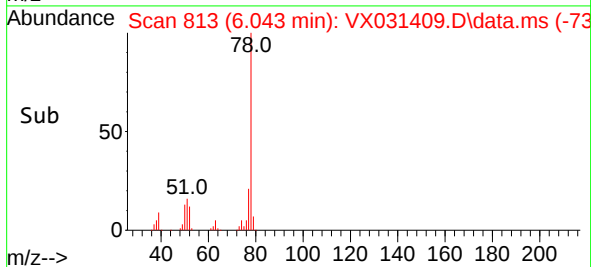
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

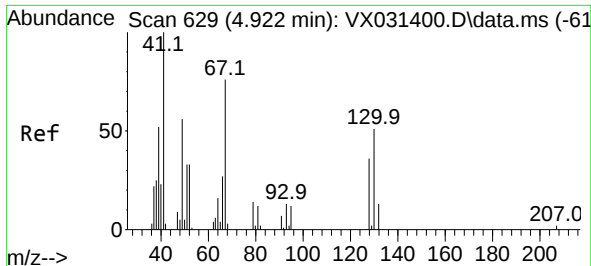


#34
Benzene
Concen: 18.625 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51



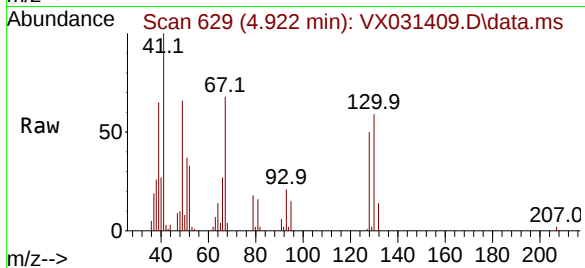
Tgt Ion: 78 Resp: 77504
Ion Ratio Lower Upper
78 100
77 21.0 18.5 27.7
51 15.3 12.9 19.3





#35
Methacrylonitrile
Concen: 18.198 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

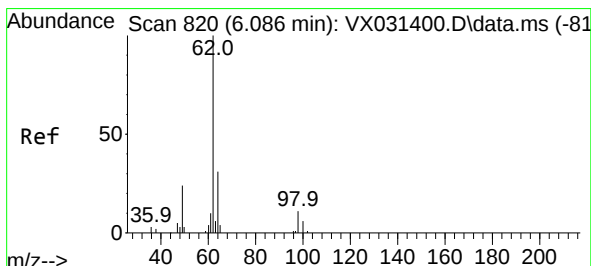
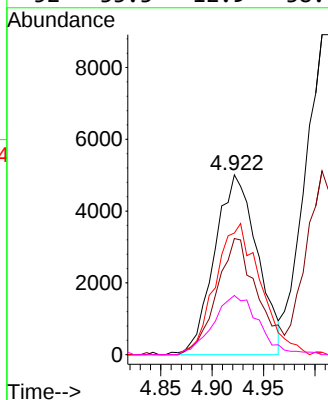
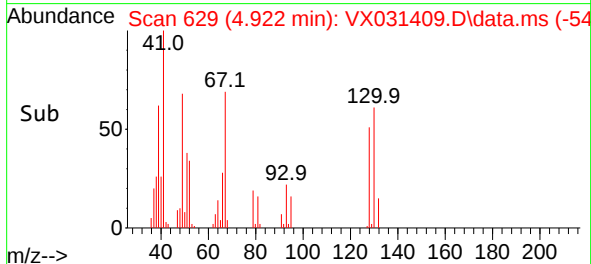
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



Tgt Ion: 41 Resp: 14540
Ion Ratio Lower Upper
41 100
39 65.3 27.0 81.0
67 68.4 33.3 99.8
52 33.3 12.9 38.7

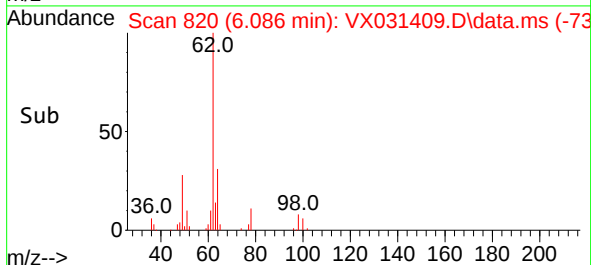
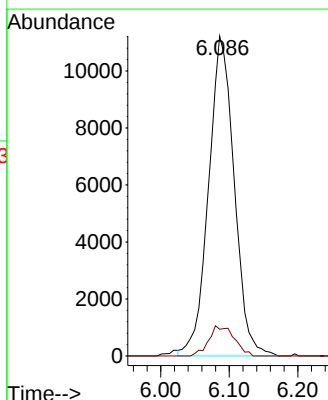
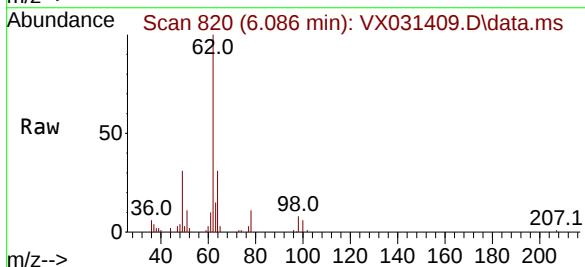
Manual Integrations
APPROVED

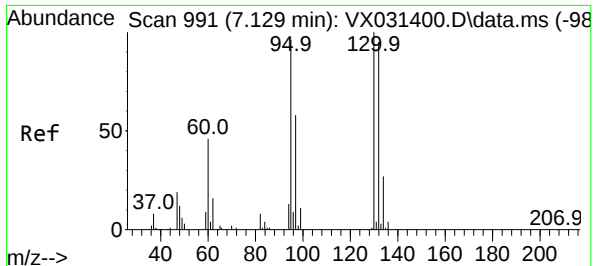
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#36
1,2-Dichloroethane
Concen: 18.563 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

Tgt Ion: 62 Resp: 29165
Ion Ratio Lower Upper
62 100
98 4.5 7.4 11.0#





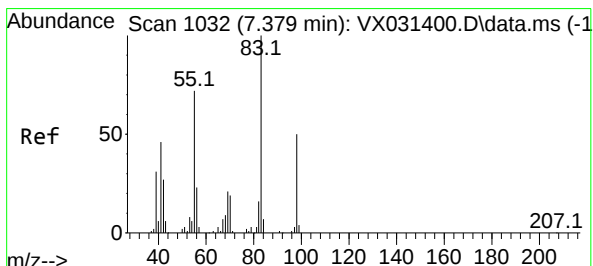
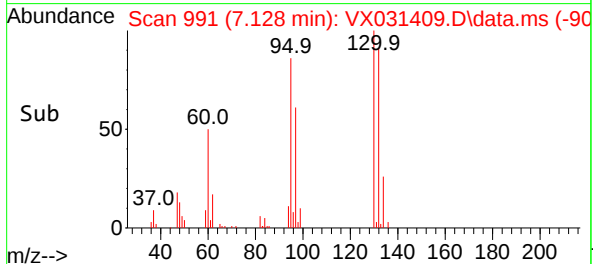
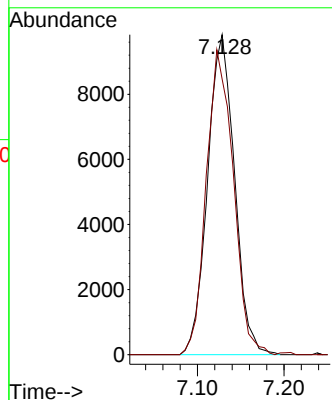
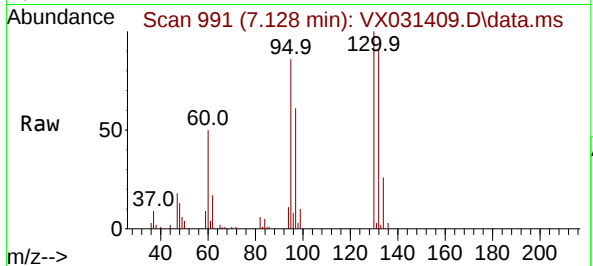
#37
Trichloroethene
Concen: 18.878 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tgt Ion:130 Resp: 21269
Ion Ratio Lower Upper
130 100
95 86.2 76.5 114.7

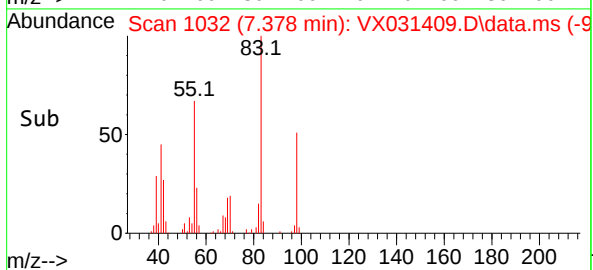
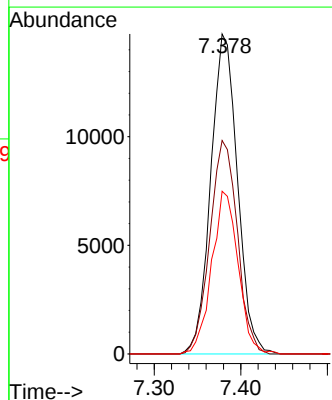
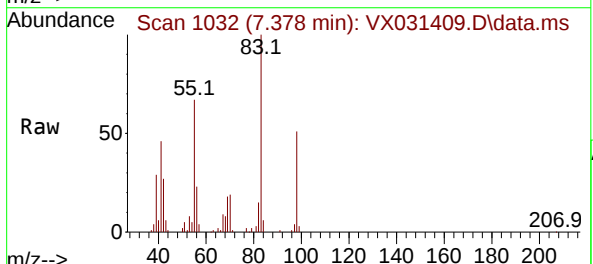
Manual Integrations
APPROVED

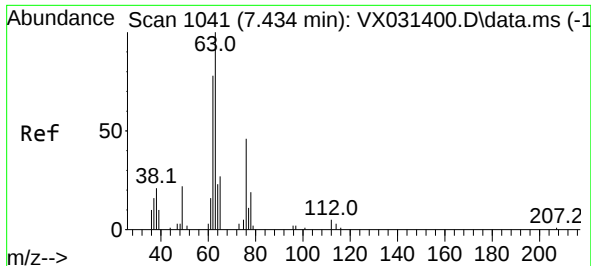
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#38
Methylcyclohexane
Concen: 19.092 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

Tgt Ion: 83 Resp: 31558
Ion Ratio Lower Upper
83 100
55 68.8 37.0 110.9
98 50.0 25.9 77.8





#39

1,2-Dichloropropane

Concen: 18.976 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX031409.D

Acq: 16 Sep 2022 14:51

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tgt Ion: 63 Resp: 1894

Ion Ratio Lower Upper

63 100

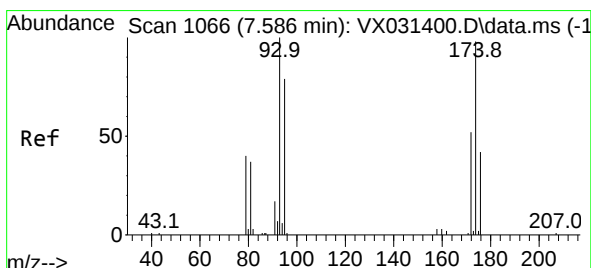
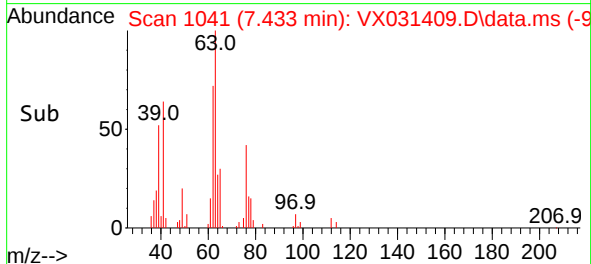
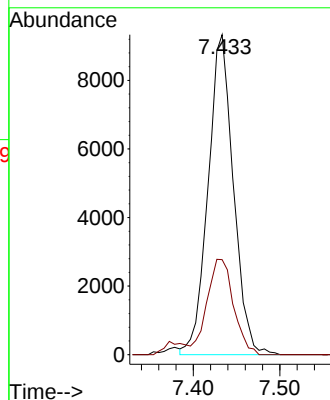
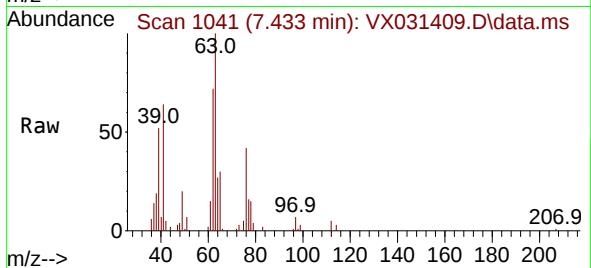
65 29.7 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#40

Dibromomethane

Concen: 18.985 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX031409.D

Acq: 16 Sep 2022 14:51

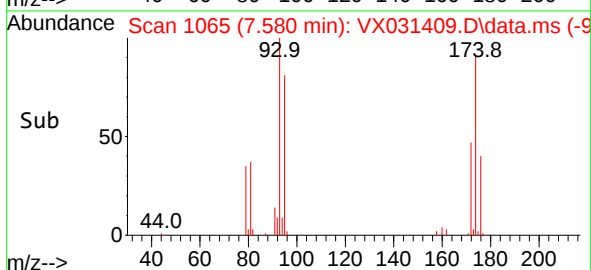
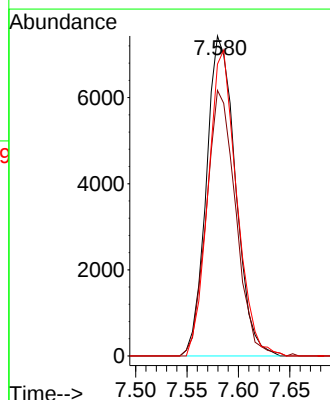
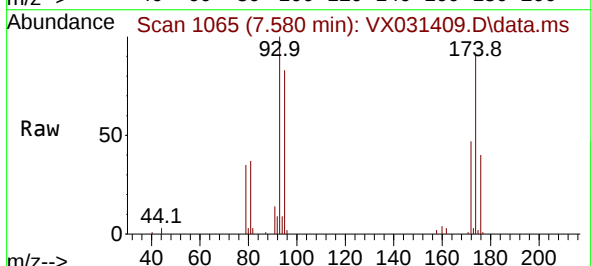
Tgt Ion: 93 Resp: 14657

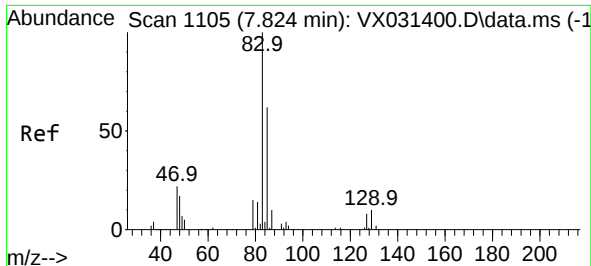
Ion Ratio Lower Upper

93 100

95 83.5 0.0 168.8

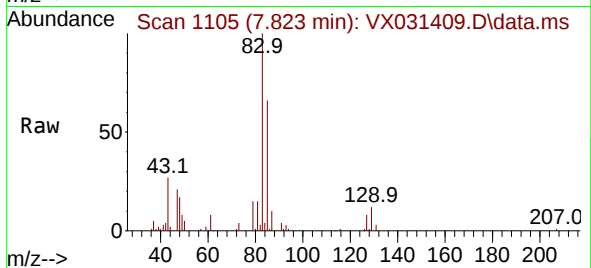
174 93.5 0.0 220.8





#41
Bromodichloromethane
Concen: 17.784 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

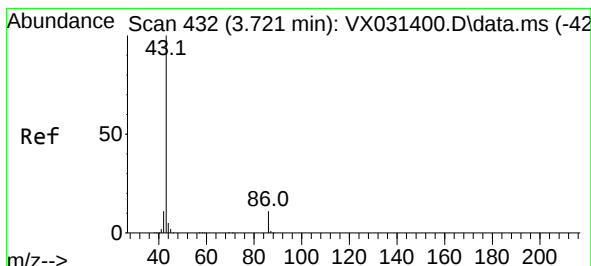
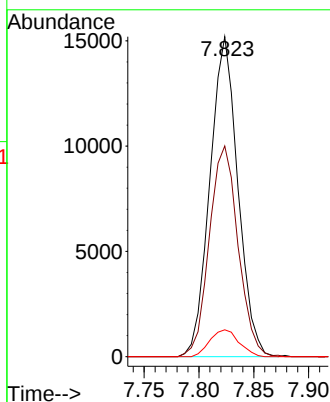
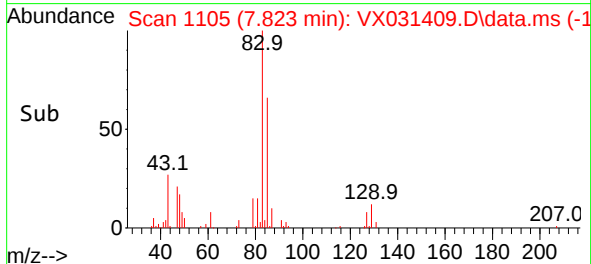
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



Tgt Ion: 83 Resp: 2693
Ion Ratio Lower Upper
83 100
85 65.9 50.6 75.8
127 8.4 7.0 10.6

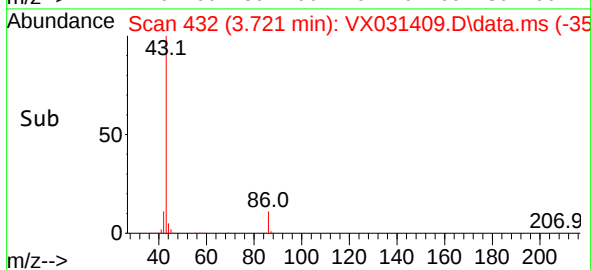
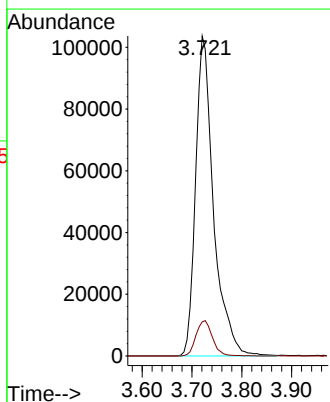
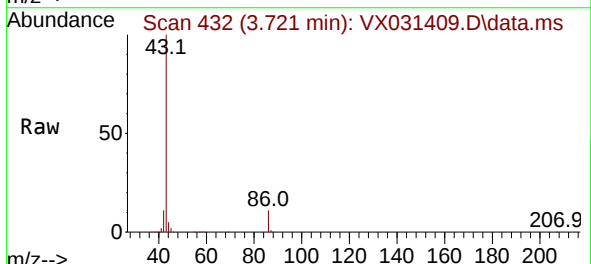
Manual Integrations
APPROVED

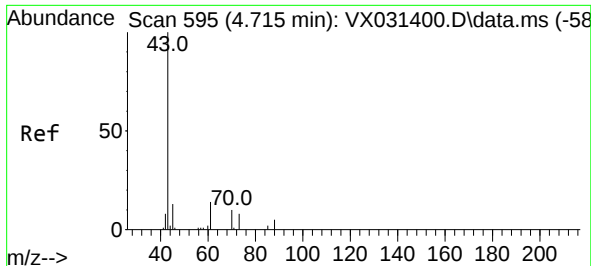
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#42
Vinyl Acetate
Concen: 90.709 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.006 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

Tgt Ion: 43 Resp: 259607
Ion Ratio Lower Upper
43 100
86 10.1 8.5 12.7





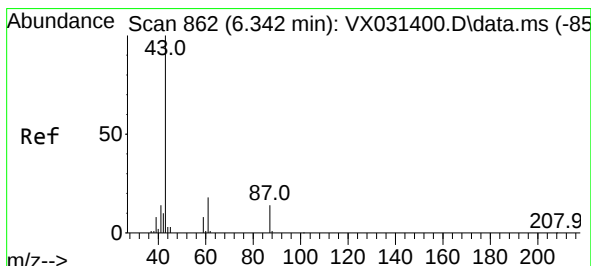
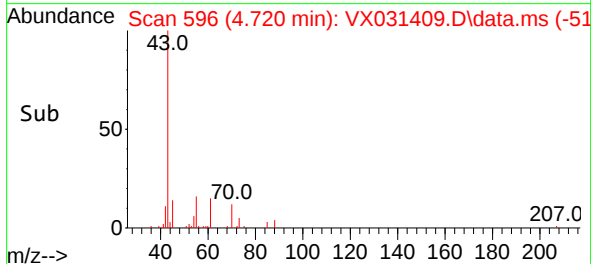
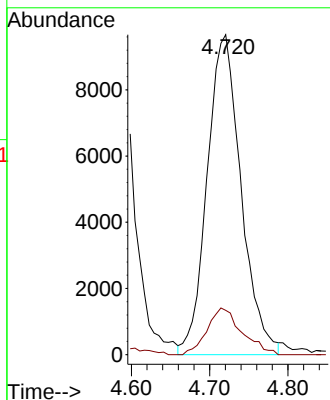
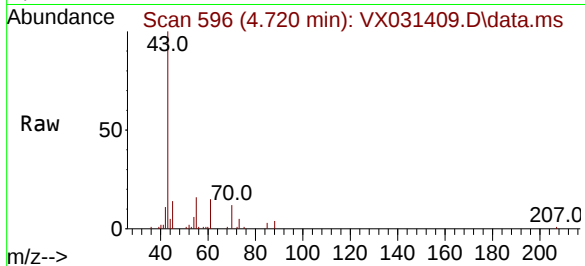
#43
Ethyl Acetate
Concen: 18.612 ug/l
RT: 4.720 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tgt Ion: 43 Resp: 29100
Ion Ratio Lower Upper
43 100
45 14.8 11.8 17.6

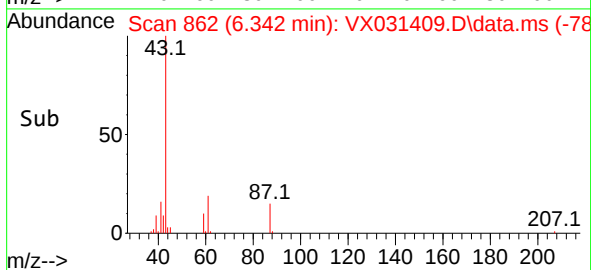
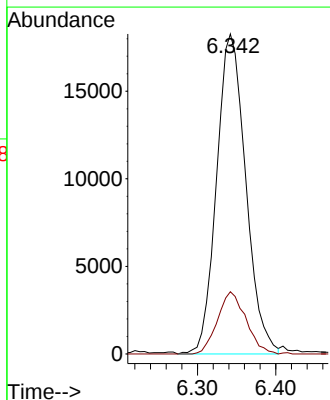
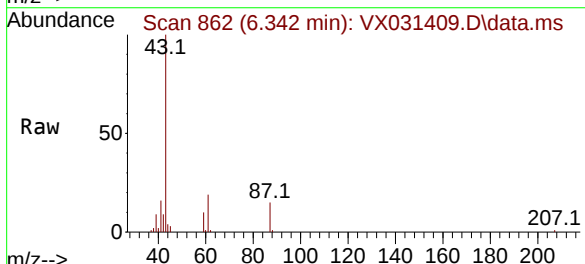
Manual Integrations
APPROVED

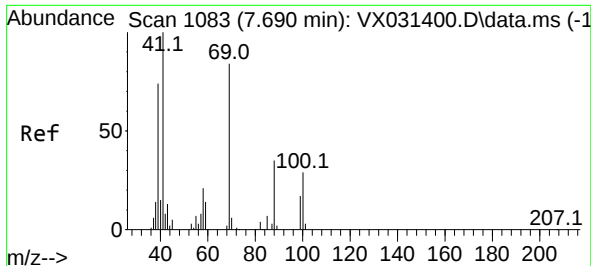
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#44
Isopropyl Acetate
Concen: 18.181 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

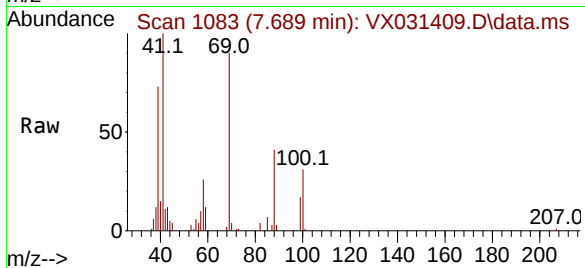
Tgt Ion: 43 Resp: 47250
Ion Ratio Lower Upper
43 100
61 19.0 17.0 25.4





#45
1,4-Dioxane
Concen: 387.880 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. 0.012 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

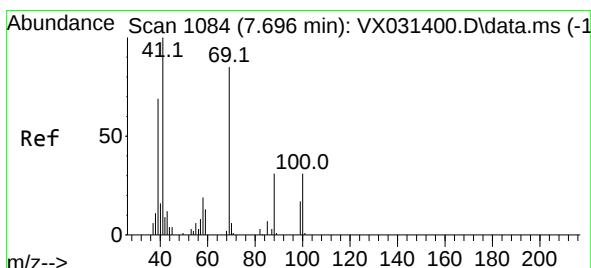
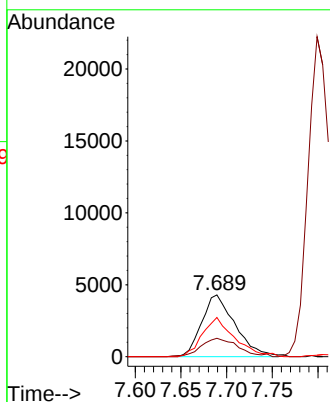
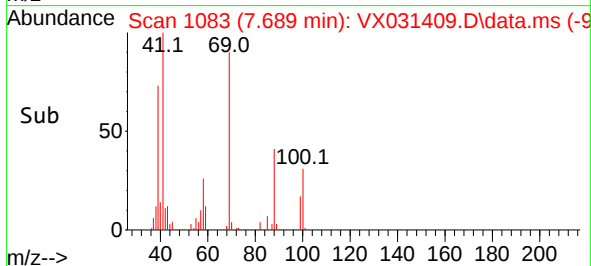
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



Tgt Ion: 88 Resp: 10880
Ion Ratio Lower Upper
88 100
43 32.3 25.8 38.6
58 60.1 54.8 82.2

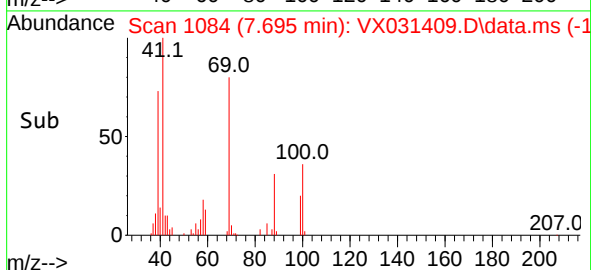
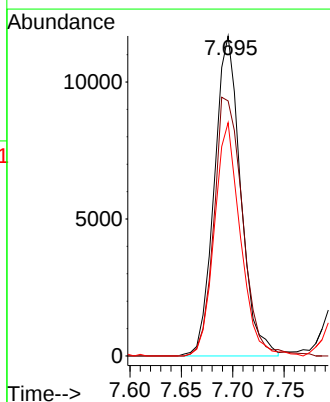
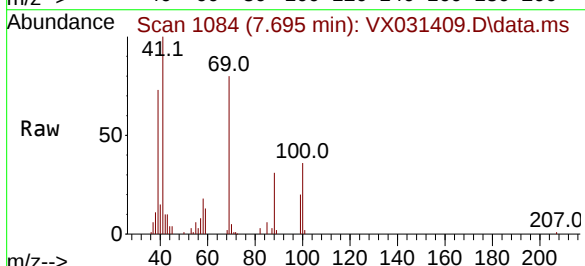
Manual Integrations
APPROVED

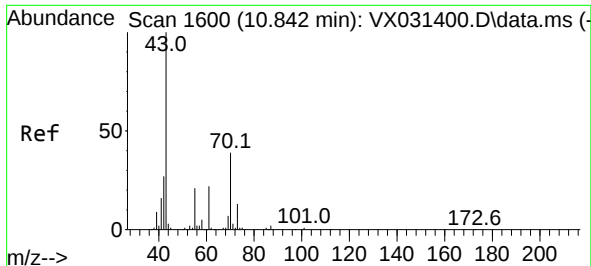
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#46
Methyl methacrylate
Concen: 17.934 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

Tgt Ion: 41 Resp: 20864
Ion Ratio Lower Upper
41 100
69 79.7 41.9 125.8
39 72.9 27.5 82.5





#47

n-amy1 Acetate

Concen: 17.085 ug/l

RT: 10.847 min Scan# 1601

Delta R.T. 0.006 min

Lab File: VX031409.D

Acq: 16 Sep 2022 14:51

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tgt Ion: 43 Resp: 3961

Ion Ratio Lower Upper

43 100

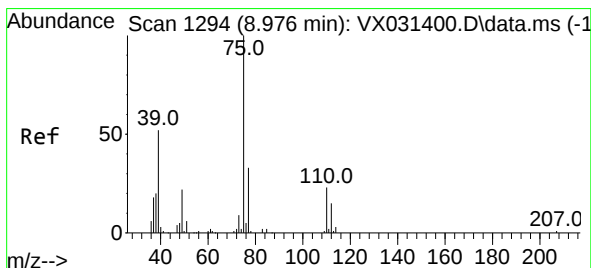
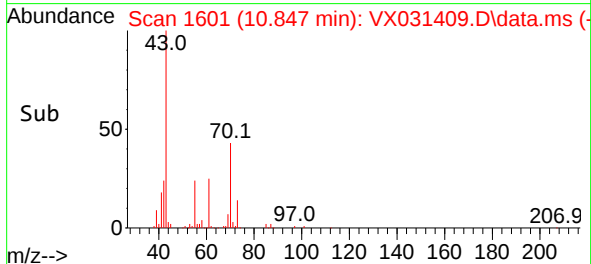
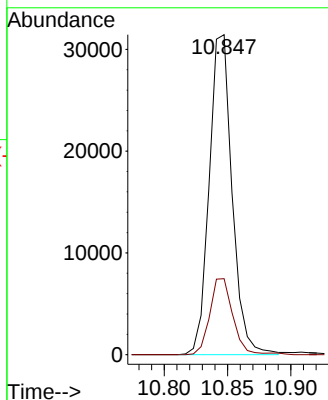
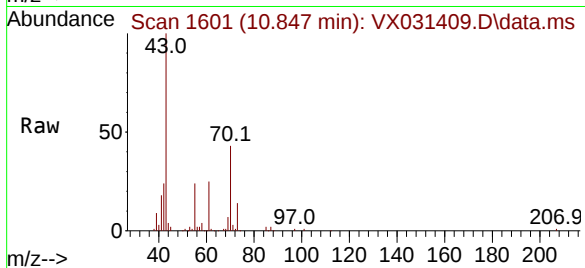
55 23.7 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#48

t-1,3-Dichloropropene

Concen: 16.313 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VX031409.D

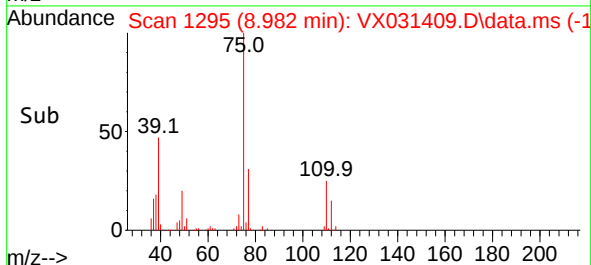
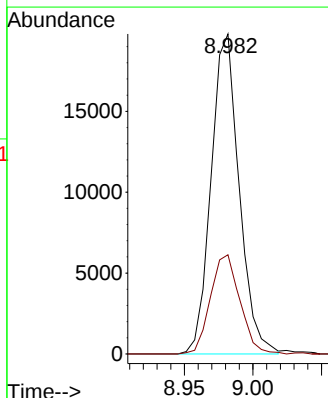
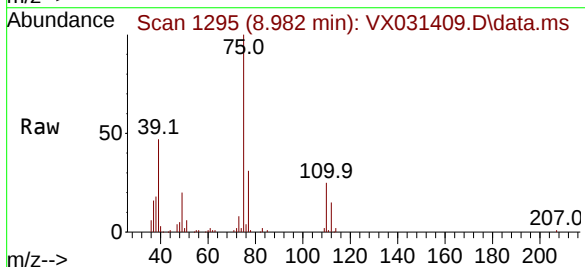
Acq: 16 Sep 2022 14:51

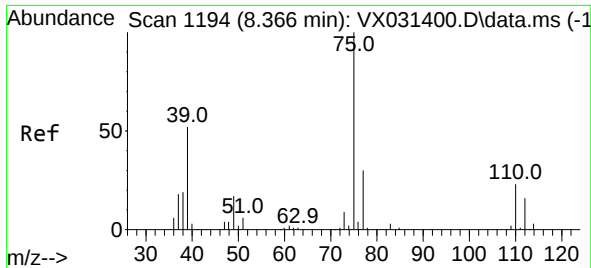
Tgt Ion: 75 Resp: 28172

Ion Ratio Lower Upper

75 100

77 31.0 26.6 40.0





#49

cis-1,3-Dichloropropene

Concen: 17.695 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX031409.D

Acq: 16 Sep 2022 14:51

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

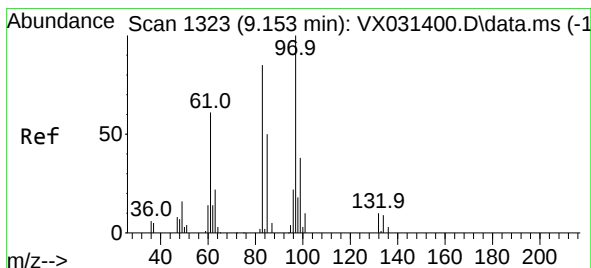
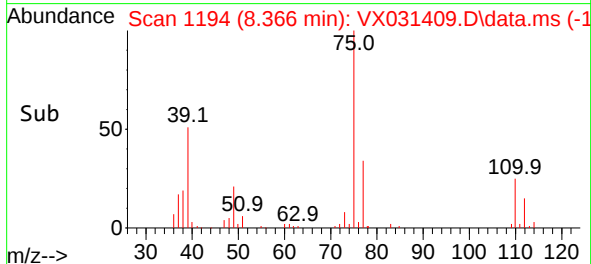
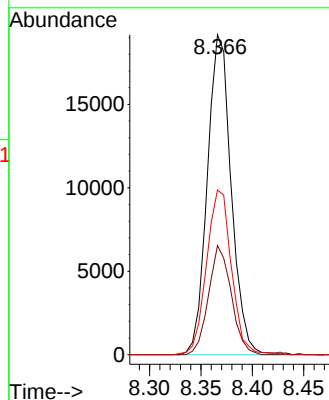
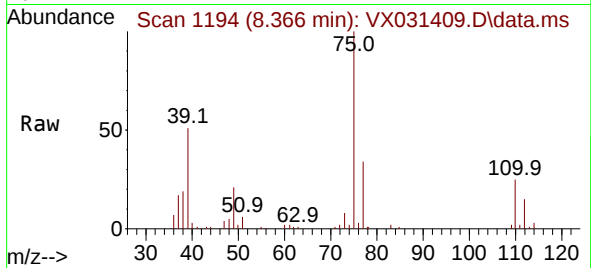
Tgt Ion: 75	Resp: 3108
Ion Ratio	Lower Upper
75 100	
77 34.1	25.2 37.8
39 51.0	37.4 56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#50

1,1,2-Trichloroethane

Concen: 17.492 ug/l

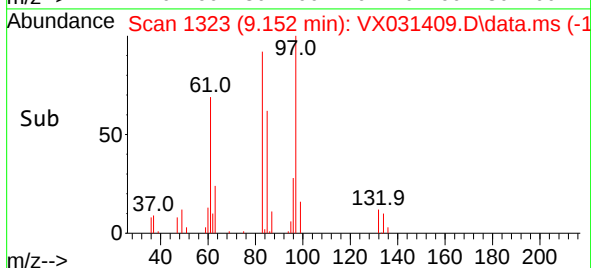
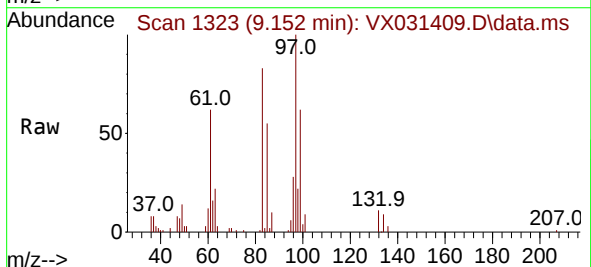
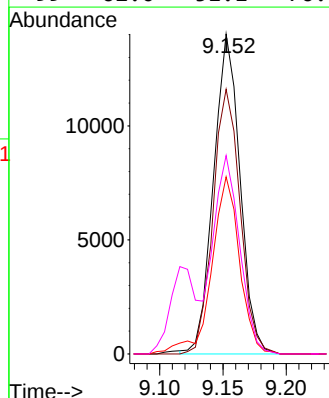
RT: 9.152 min Scan# 1323

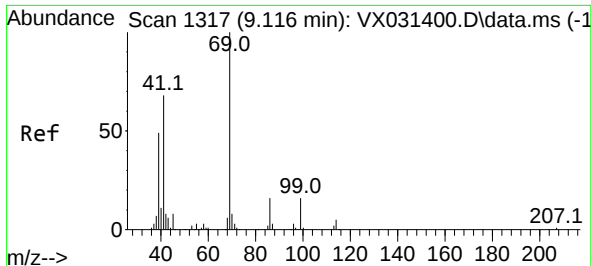
Delta R.T. -0.000 min

Lab File: VX031409.D

Acq: 16 Sep 2022 14:51

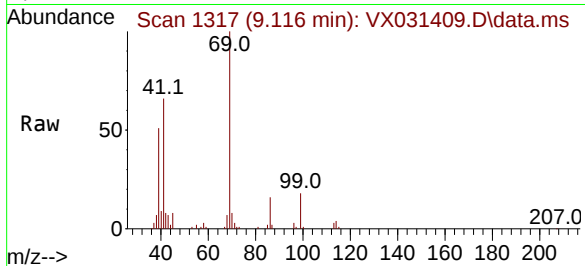
Tgt Ion: 97	Resp: 20424
Ion Ratio	Lower Upper
97 100	
83 82.7	66.2 99.4
85 55.3	40.4 60.6
99 62.0	51.1 76.7





#51
Ethyl methacrylate
Concen: 17.254 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

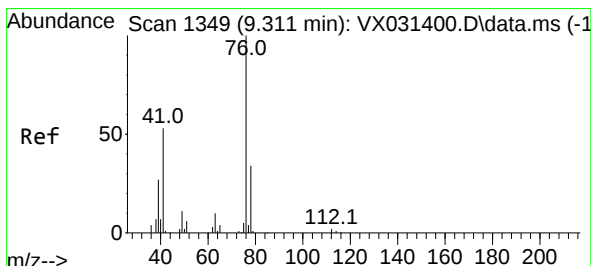
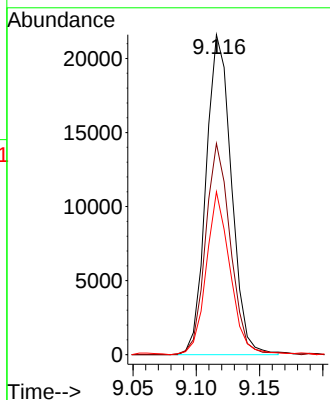
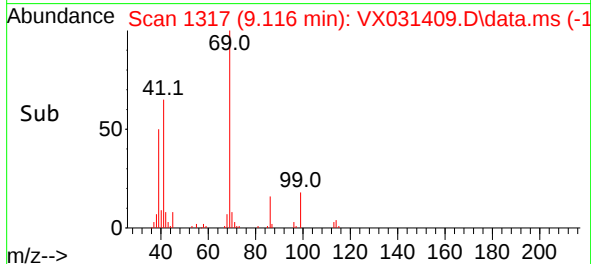
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



Tgt Ion: 69 Resp: 3010
Ion Ratio Lower Upper
69 100
41 65.7 32.1 96.5
39 50.6 18.3 54.9

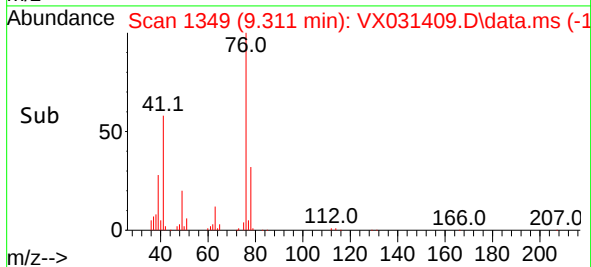
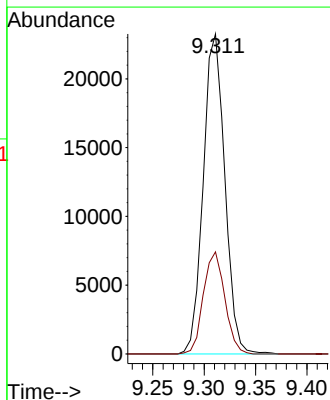
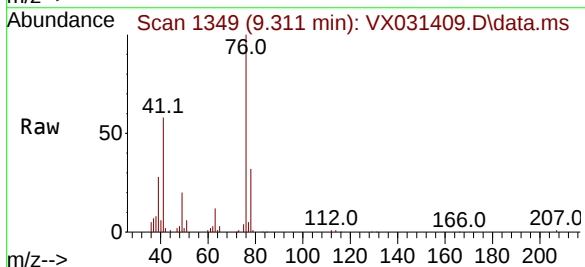
Manual Integrations
APPROVED

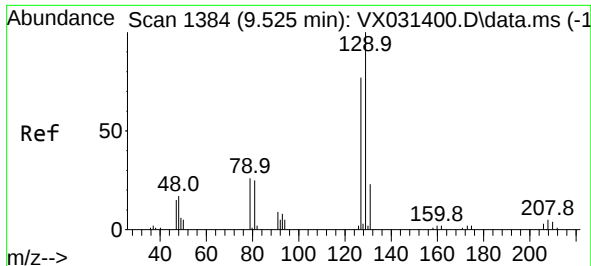
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#52
1,3-Dichloropropane
Concen: 17.958 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

Tgt Ion: 76 Resp: 34046
Ion Ratio Lower Upper
76 100
78 31.6 0.0 64.4





#53

Dibromochloromethane

Concen: 16.550 ug/l

RT: 9.524 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX031409.D

Acq: 16 Sep 2022 14:51

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tgt Ion:129 Resp: 21560

Ion Ratio Lower Upper

129 100

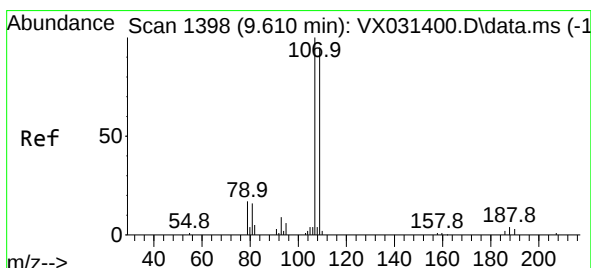
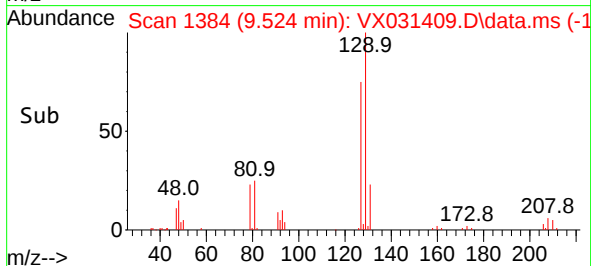
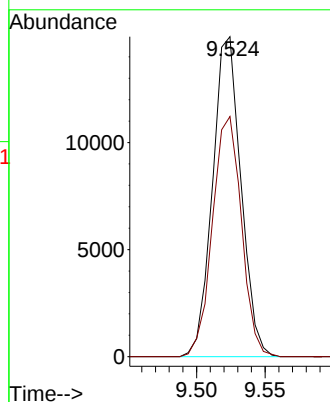
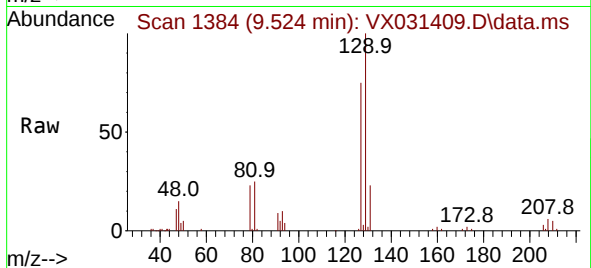
127 76.4 38.4 115.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#54

1,2-Dibromoethane

Concen: 16.709 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX031409.D

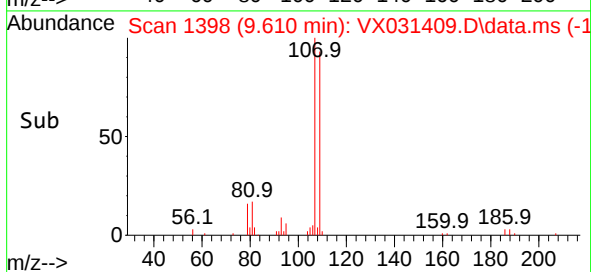
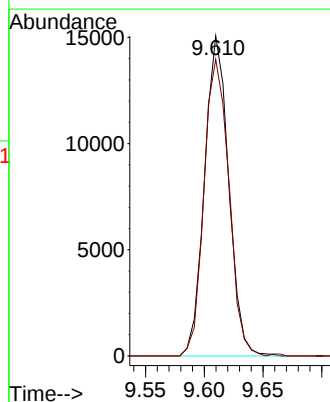
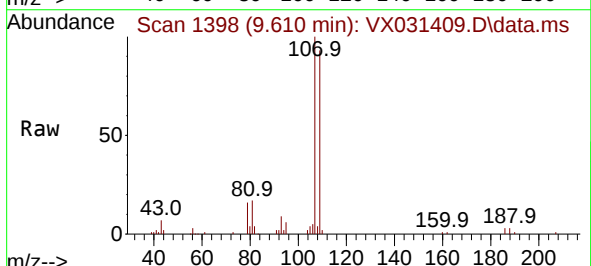
Acq: 16 Sep 2022 14:51

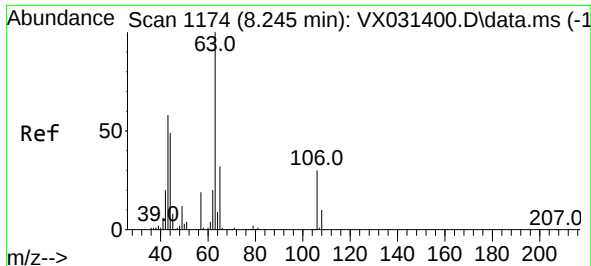
Tgt Ion:107 Resp: 21536

Ion Ratio Lower Upper

107 100

109 95.6 76.2 114.4





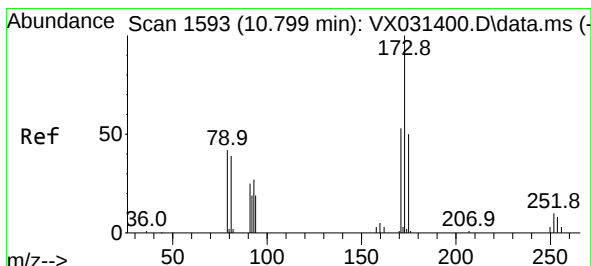
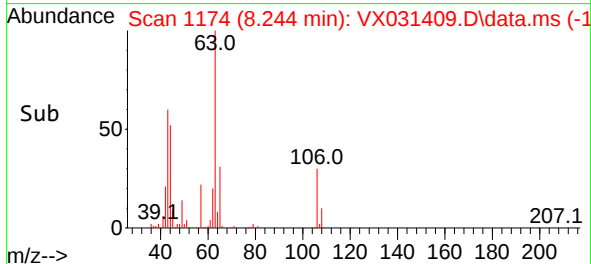
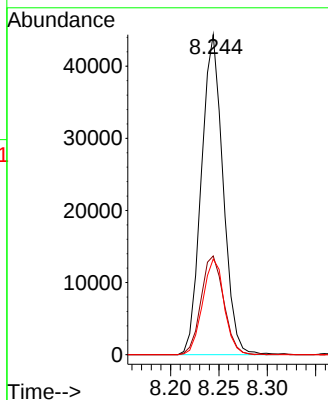
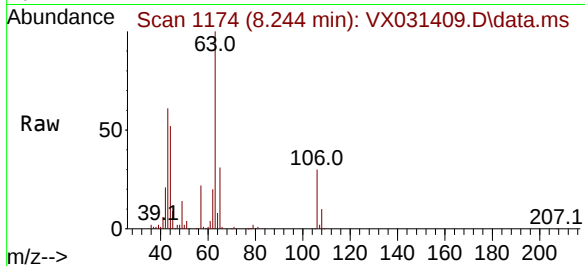
#55
2-Chloroethyl vinyl ether
Concen: 77.358 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tgt Ion: 63 Resp: 69339
Ion Ratio Lower Upper
63 100
65 32.3 25.9 38.9
106 29.6 25.8 38.6

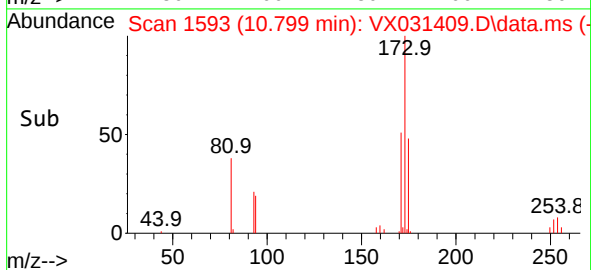
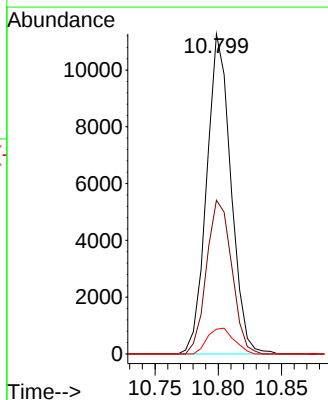
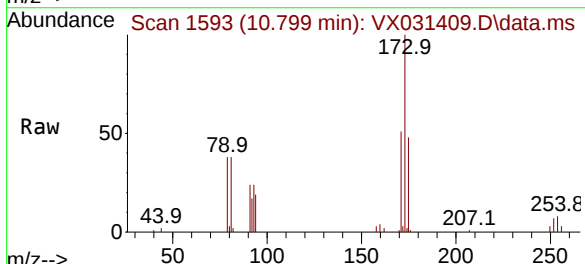
Manual Integrations
APPROVED

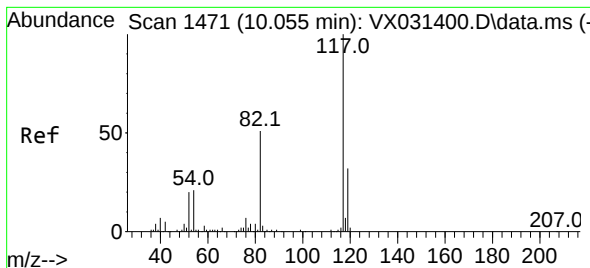
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#56
Bromoform
Concen: 15.401 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

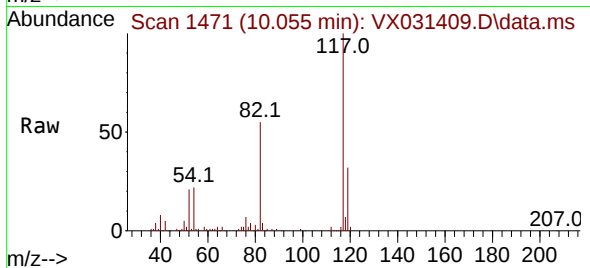
Tgt Ion:173 Resp: 15022
Ion Ratio Lower Upper
173 100
175 49.9 40.3 60.5
254 8.8 7.4 11.2





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

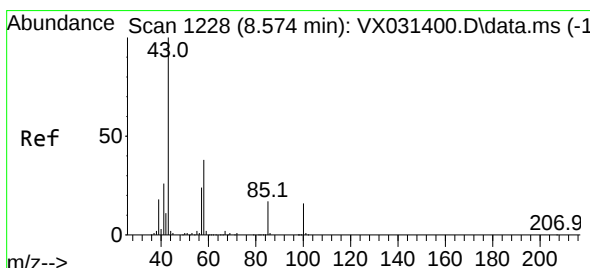
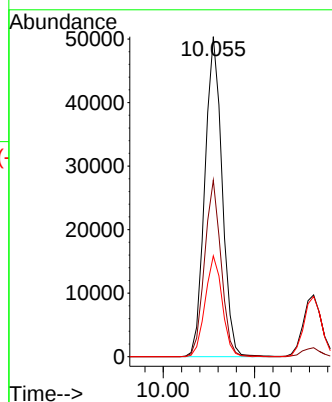
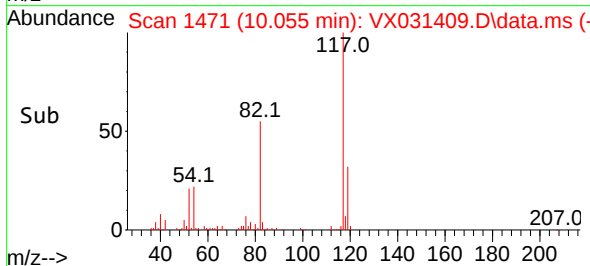
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



Tgt Ion: 117 Resp: 65852
Ion Ratio Lower Upper
117 100
82 52.6 42.3 63.5
119 31.1 26.2 39.2

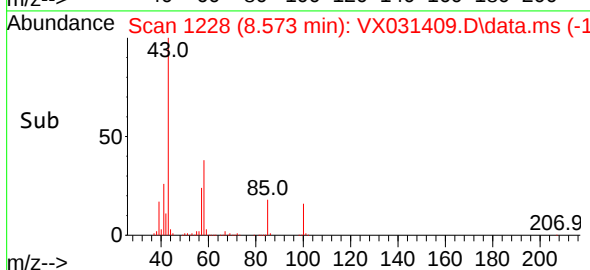
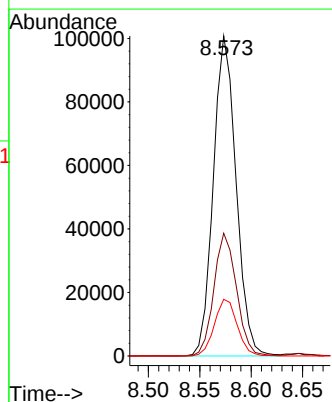
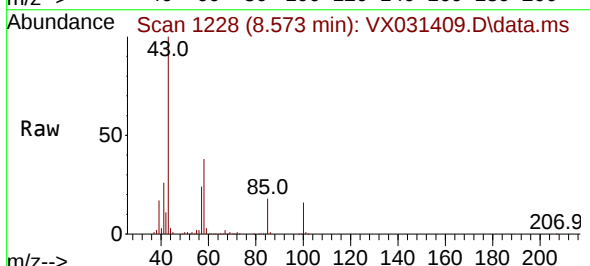
Manual Integrations
APPROVED

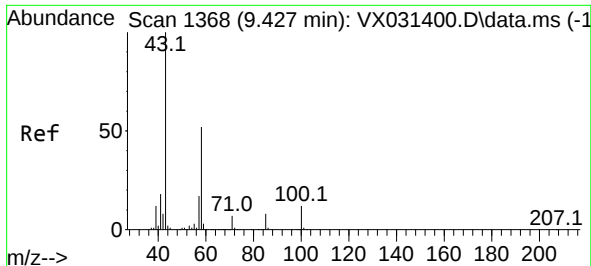
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#58
4-Methyl-2-Pentanone
Concen: 98.523 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

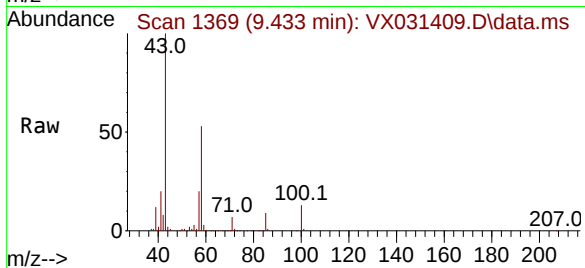
Tgt Ion: 43 Resp: 155432
Ion Ratio Lower Upper
43 100
58 38.0 31.8 47.6
85 17.8 15.8 23.6





#59
2-Hexanone
Concen: 96.484 ug/l
RT: 9.433 min Scan# 116574
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

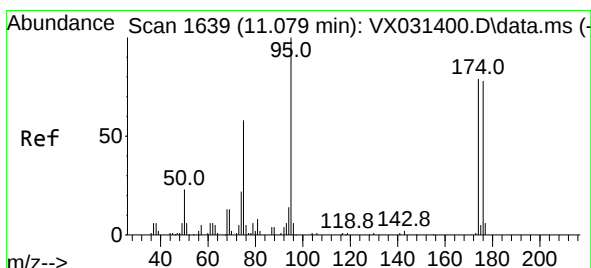
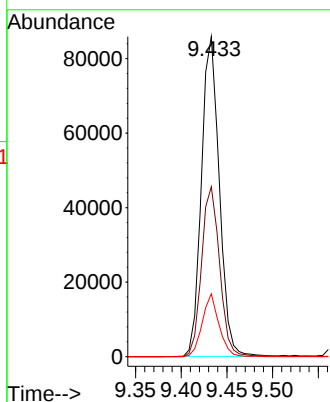
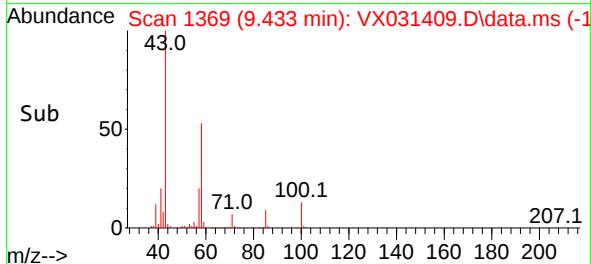
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



Tgt Ion: 43 Resp: 116574
Ion Ratio Lower Upper
43 100
58 53.7 44.1 66.1
57 18.4 16.2 24.2

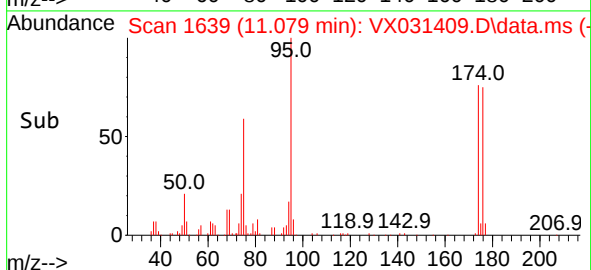
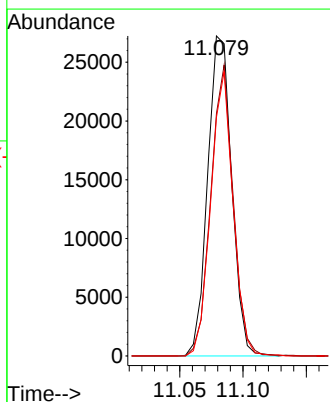
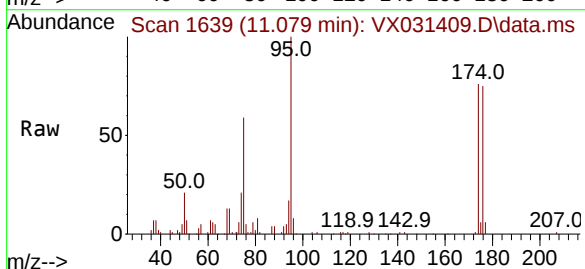
Manual Integrations
APPROVED

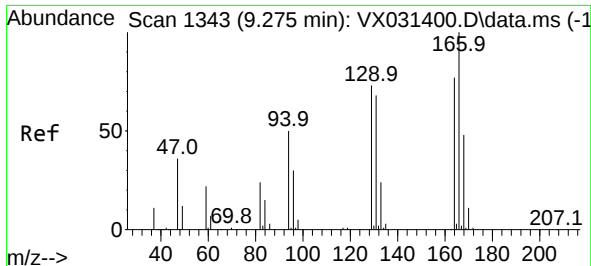
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#60
4-Bromofluorobenzene
Concen: 27.035 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

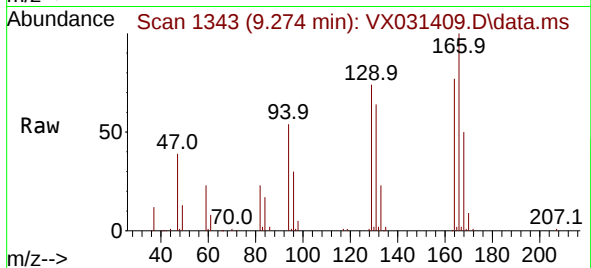
Tgt Ion: 95 Resp: 35891
Ion Ratio Lower Upper
95 100
174 84.8 65.4 98.2
176 82.3 63.4 95.0





#61
Tetrachloroethene
Concen: 19.186 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

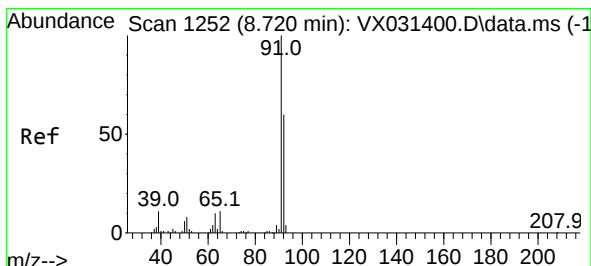
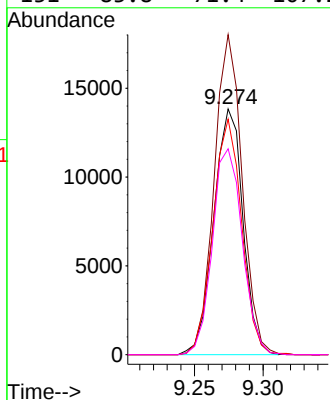
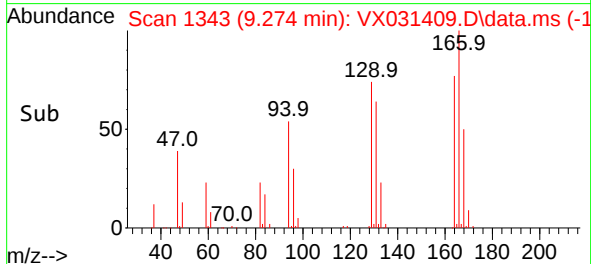
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



Tgt Ion:164 Resp: 20494
Ion Ratio Lower Upper
164 100
166 130.2 105.0 157.6
129 95.8 78.5 117.7
131 83.8 71.4 107.2

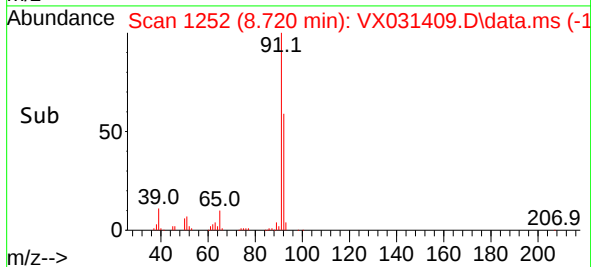
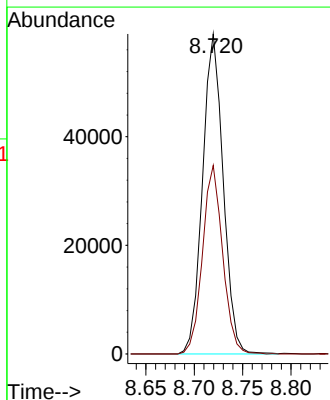
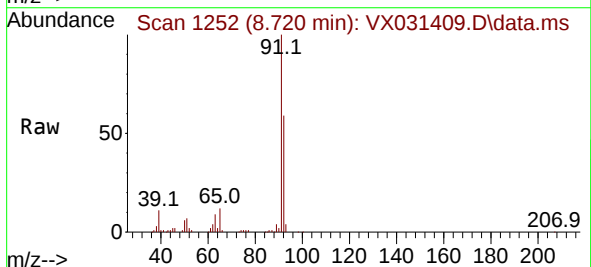
Manual Integrations
APPROVED

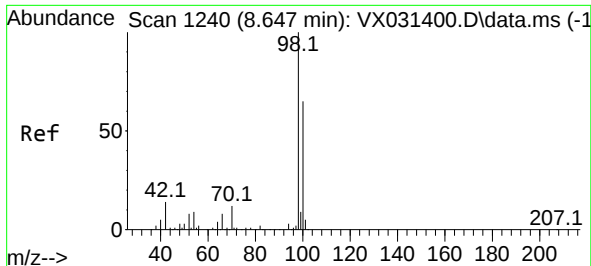
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#62
Toluene
Concen: 18.410 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

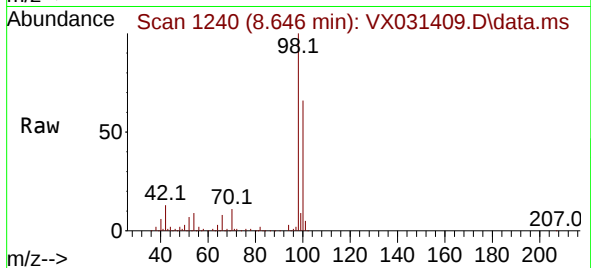
Tgt Ion: 91 Resp: 87695
Ion Ratio Lower Upper
91 100
92 57.4 48.1 72.1





#63
Toluene-d8
Concen: 29.545 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

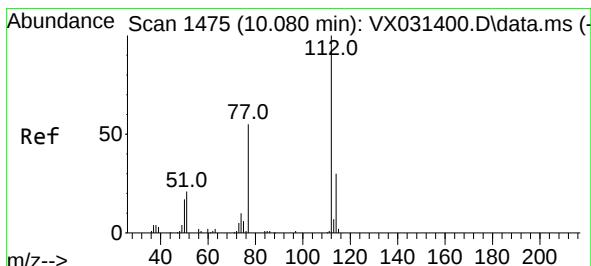
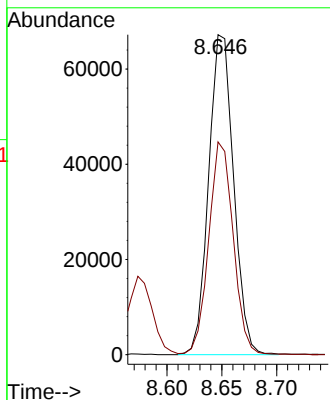
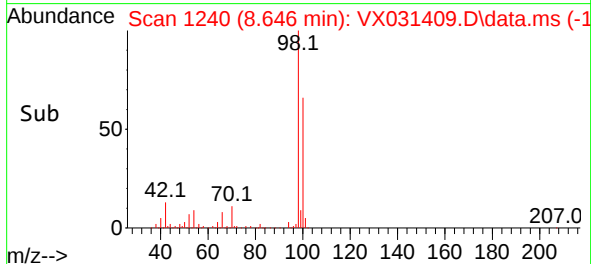
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



Tgt Ion: 98 Resp: 106504
Ion Ratio Lower Upper
98 100
100 65.3 51.4 77.2

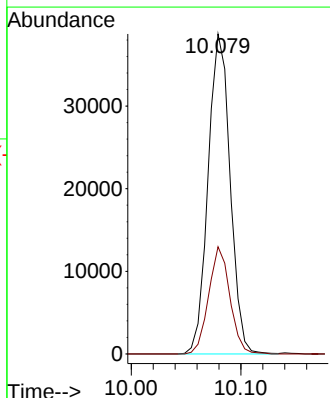
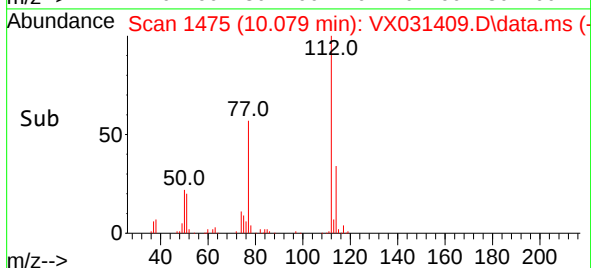
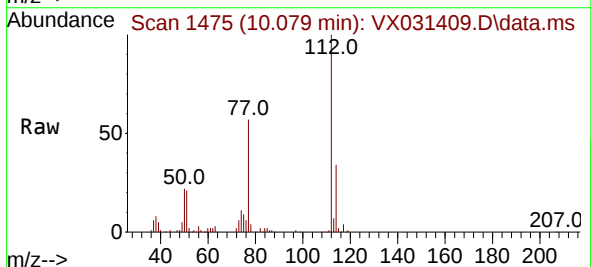
Manual Integrations
APPROVED

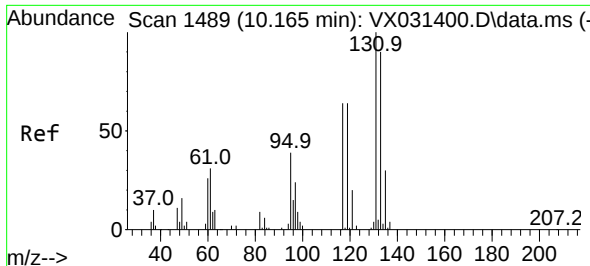
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#64
Chlorobenzene
Concen: 18.269 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

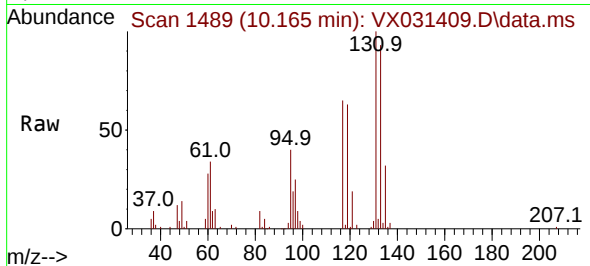
Tgt Ion:112 Resp: 54114
Ion Ratio Lower Upper
112 100
114 33.5 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 18.555 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

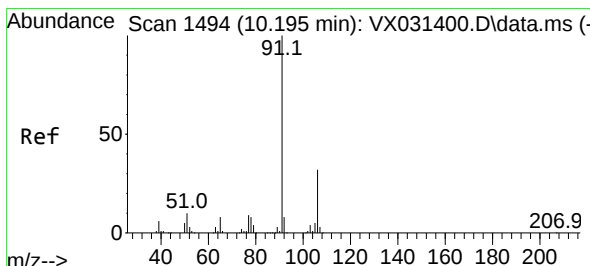
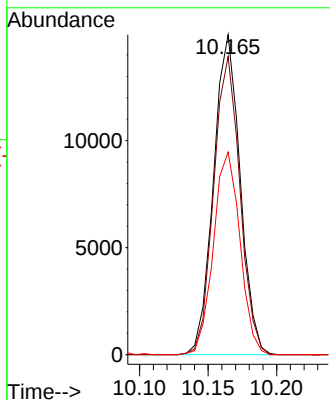
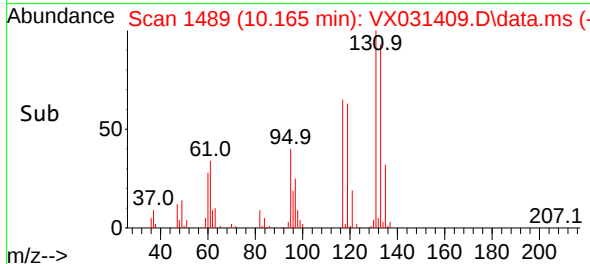
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



Tgt Ion:131 Resp: 20210
Ion Ratio Lower Upper
131 100
133 91.7 0.0 197.2
119 63.1 0.0 127.4

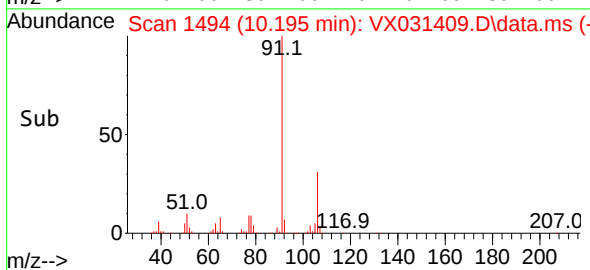
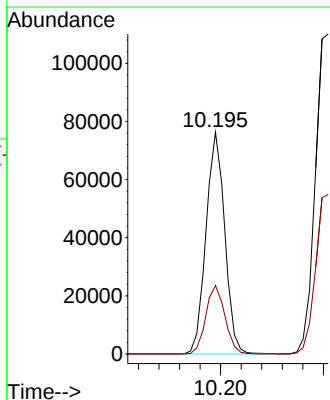
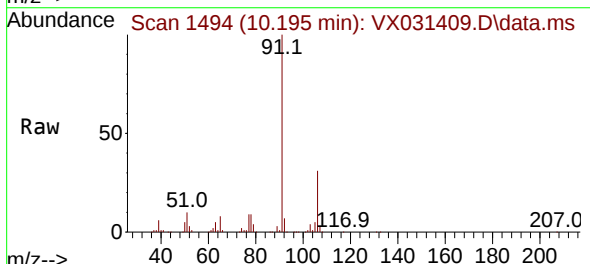
Manual Integrations
APPROVED

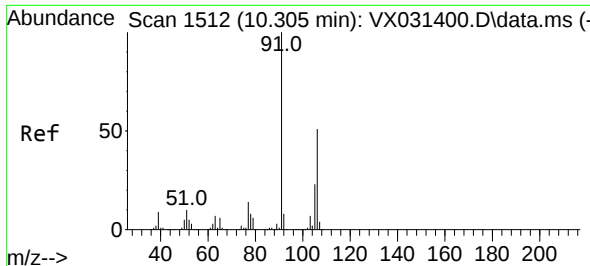
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#66
Ethyl Benzene
Concen: 18.223 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

Tgt Ion: 91 Resp: 96571
Ion Ratio Lower Upper
91 100
106 30.9 25.8 38.8





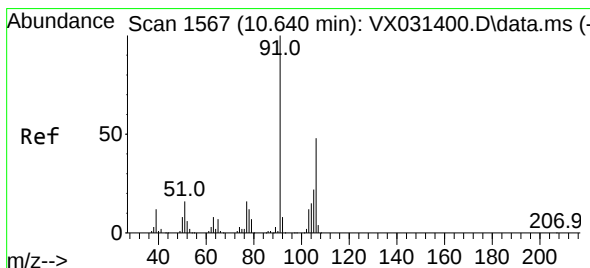
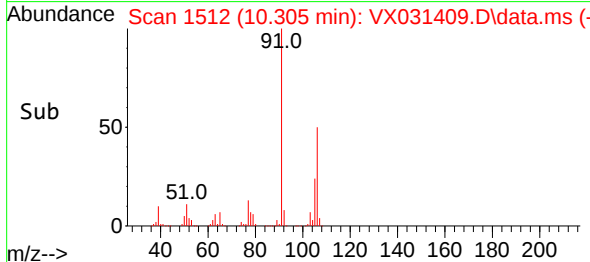
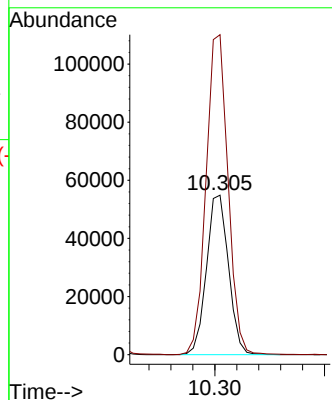
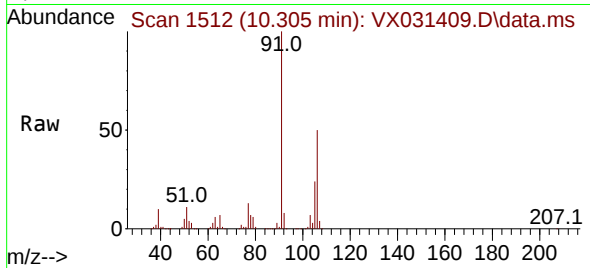
#67
m/p-Xylenes
Concen: 34.102 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tgt Ion:106 Resp: 76609
Ion Ratio Lower Upper
106 100
91 200.1 159.5 239.3

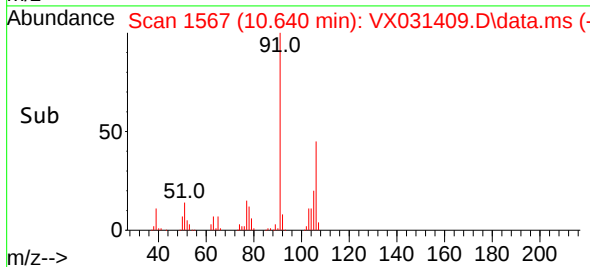
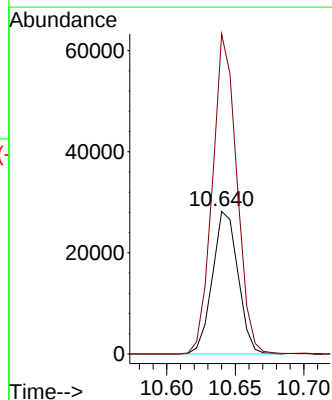
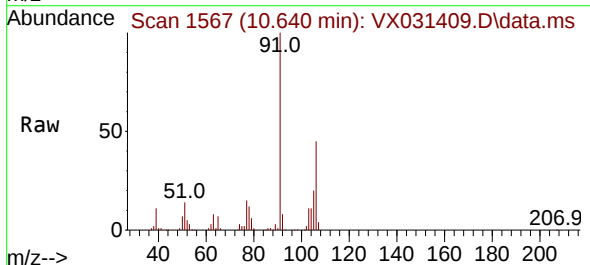
Manual Integrations
APPROVED

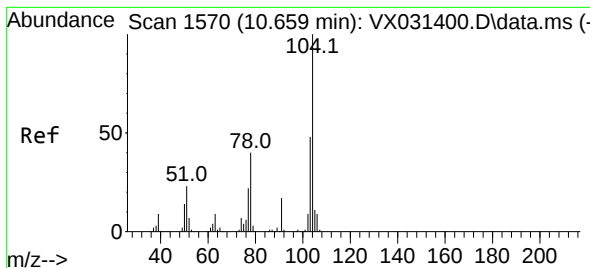
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#68
o-Xylene
Concen: 17.060 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

Tgt Ion:106 Resp: 36525
Ion Ratio Lower Upper
106 100
91 214.2 105.4 316.2





#69

Styrene

Concen: 16.458 ug/l

RT: 10.658 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX031409.D

Acq: 16 Sep 2022 14:51

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

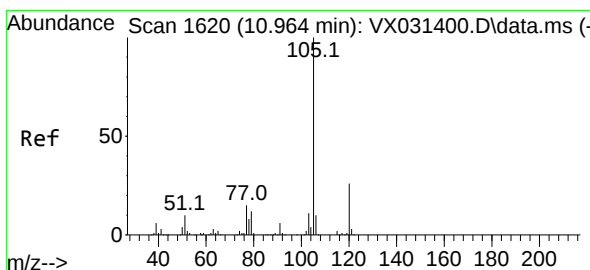
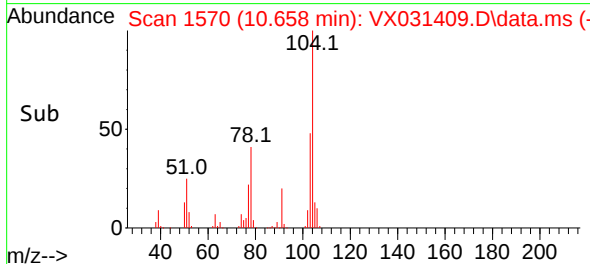
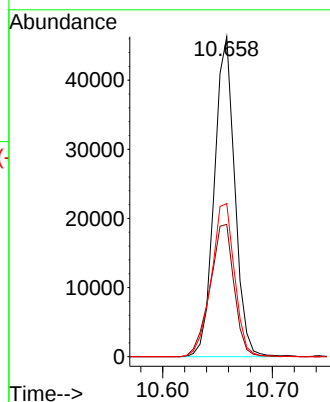
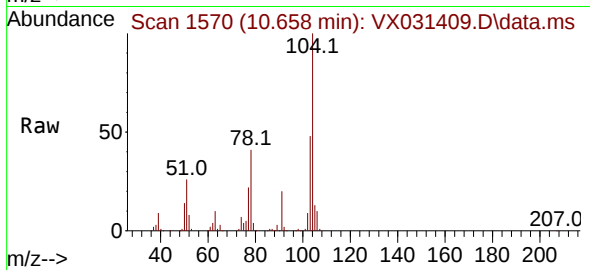
Tgt Ion:104 Resp: 60063
 Ion Ratio Lower Upper
 104 100
 78 48.7 39.7 59.5
 103 54.5 42.7 64.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#70

Isopropylbenzene

Concen: 17.114 ug/l

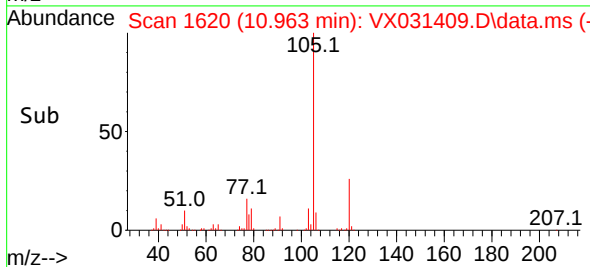
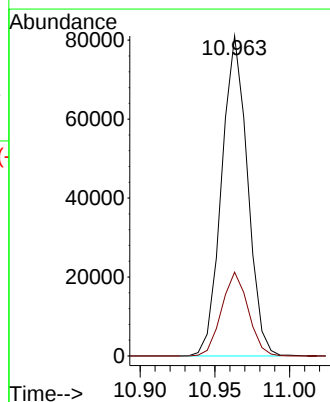
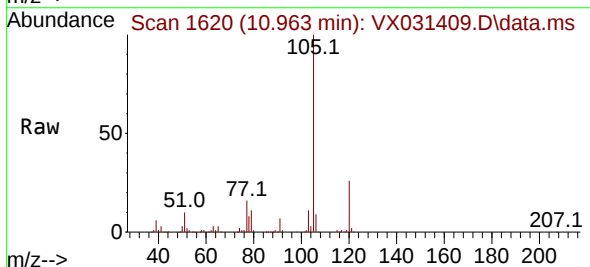
RT: 10.963 min Scan# 1620

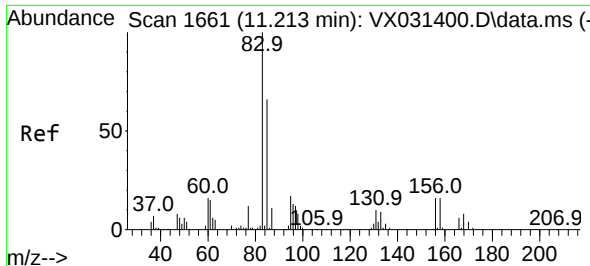
Delta R.T. -0.000 min

Lab File: VX031409.D

Acq: 16 Sep 2022 14:51

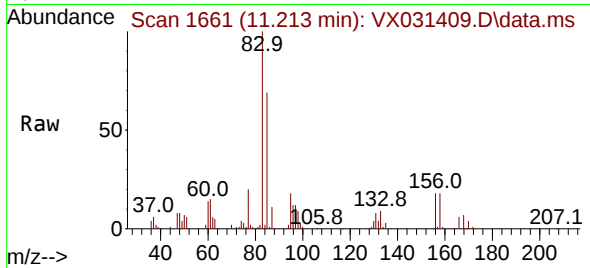
Tgt Ion:105 Resp: 97594
 Ion Ratio Lower Upper
 105 100
 120 26.8 18.8 34.8





#71
1,1,2,2-Tetrachloroethane
Concen: 18.230 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

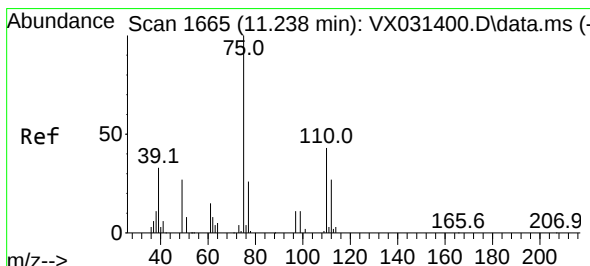
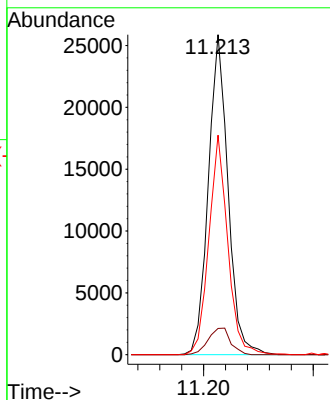
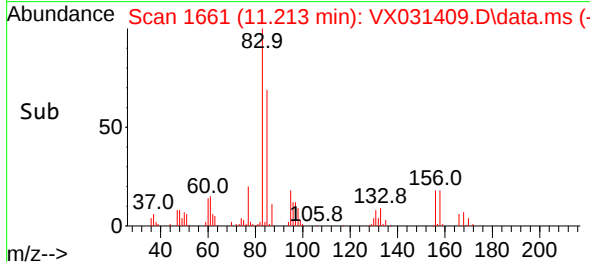
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



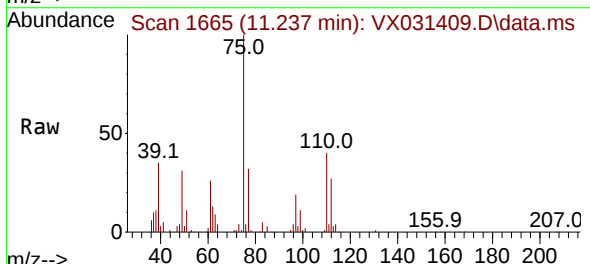
Tgt Ion: 83 Resp: 32238
Ion Ratio Lower Upper
83 100
131 9.4 5.8 17.3
85 65.7 32.0 96.2

Manual Integrations
APPROVED

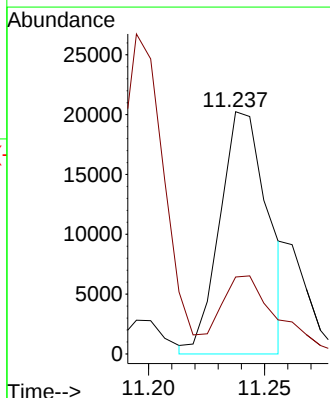
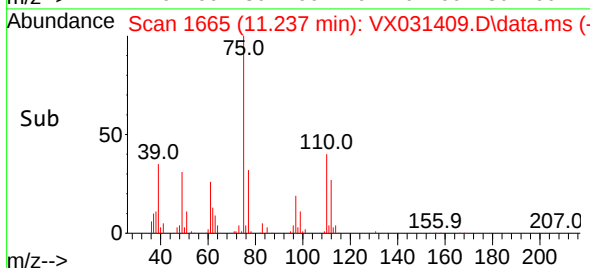
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

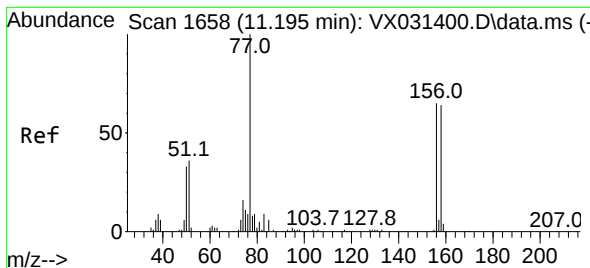


#72
1,2,3-Trichloropropane
Concen: 17.926 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51



Tgt Ion: 75 Resp: 29128
Ion Ratio Lower Upper
75 100
77 39.1 0.0 78.6





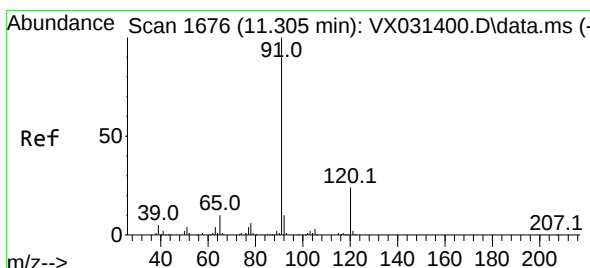
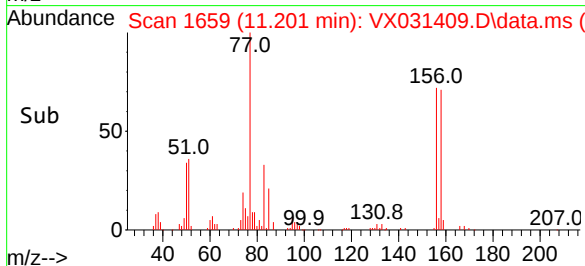
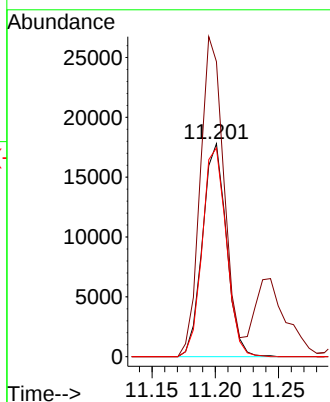
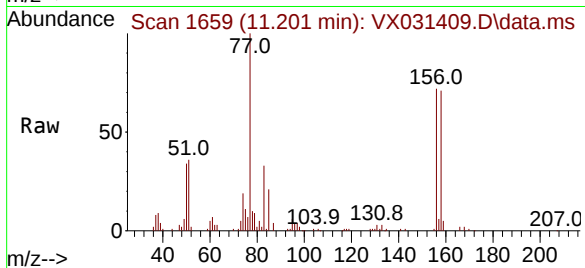
#73
Bromobenzene
Concen: 17.117 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	147.9	0.0	297.6
158	98.3	0.0	188.4

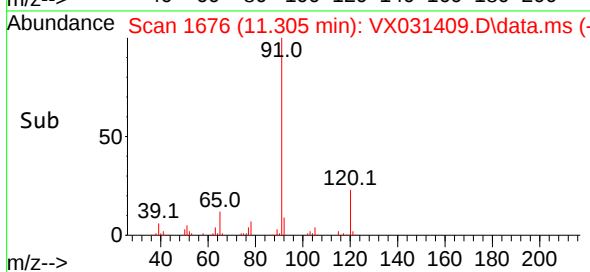
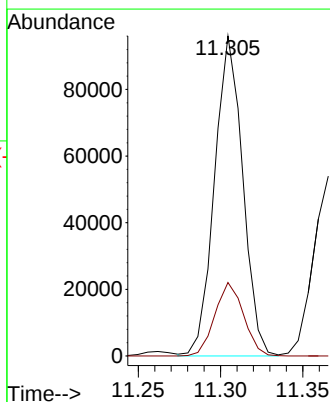
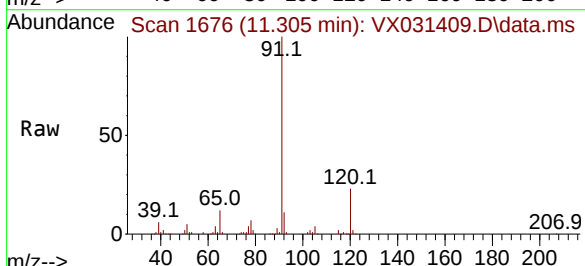
Manual Integrations
APPROVED

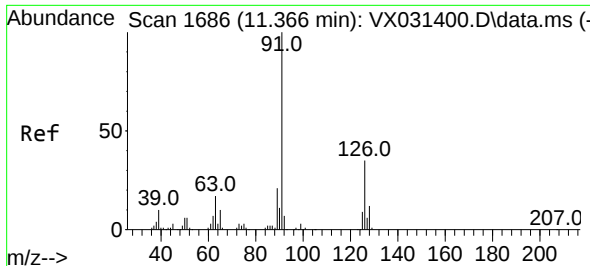
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#74
n-propylbenzene
Concen: 17.243 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	0.0	48.0





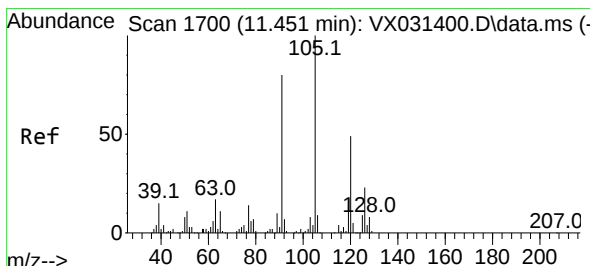
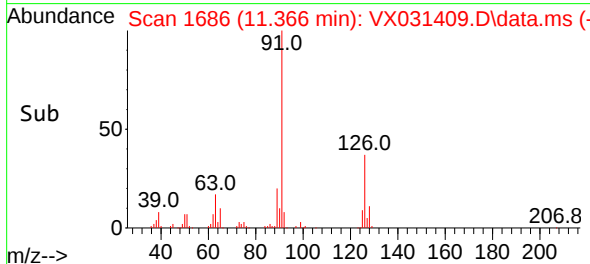
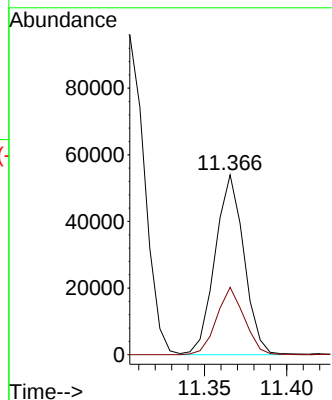
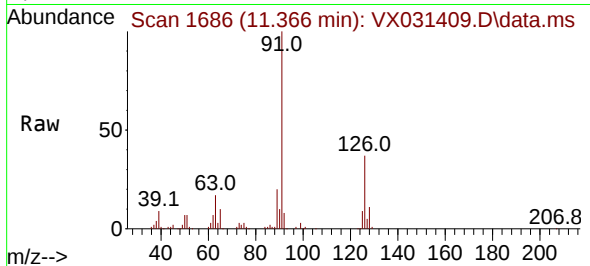
#75
2-Chlorotoluene
Concen: 16.990 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tgt Ion: 91 Resp: 66030
Ion Ratio Lower Upper
91 100
126 35.7 0.0 68.6

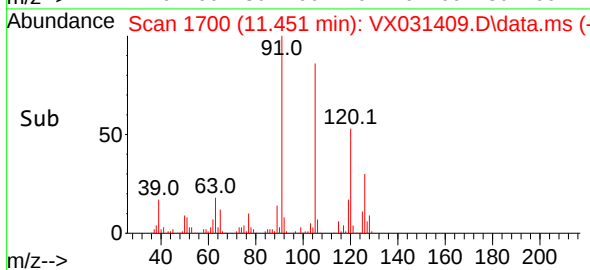
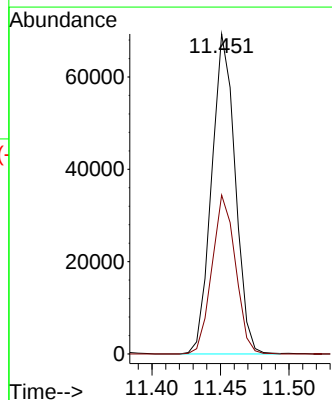
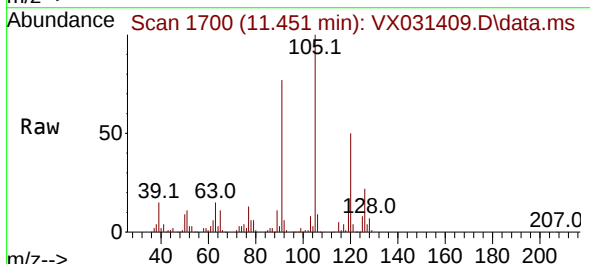
Manual Integrations
APPROVED

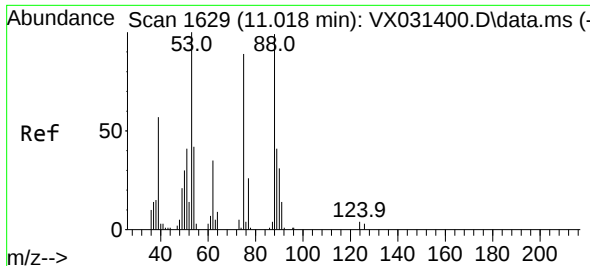
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#76
1,3,5-Trimethylbenzene
Concen: 16.397 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

Tgt Ion:105 Resp: 82822
Ion Ratio Lower Upper
105 100
120 49.6 0.0 98.0





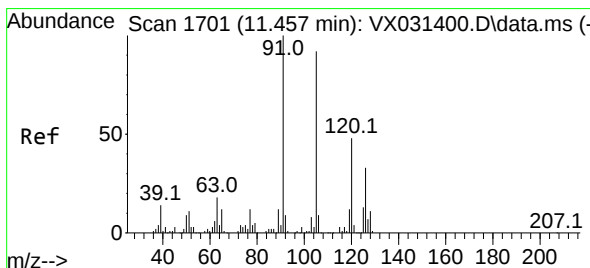
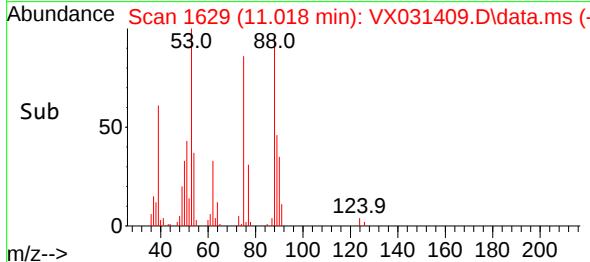
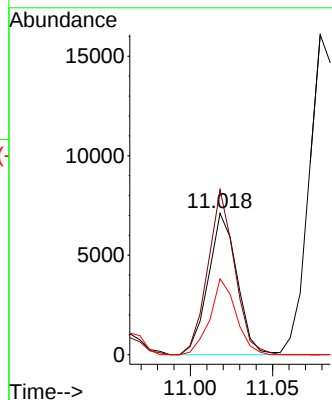
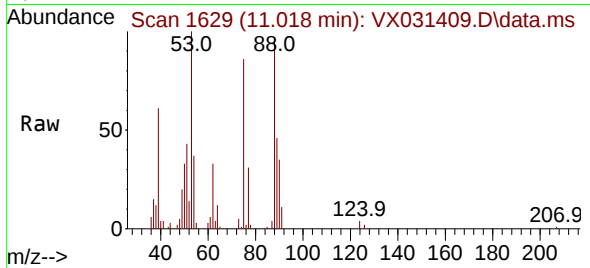
#77
t-1,4-Dichloro-2-butene
Concen: 15.808 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tgt Ion: 75 Resp: 868
Ion Ratio Lower Upper
75 100
53 116.8 59.7 179.1
89 53.6 23.1 69.2

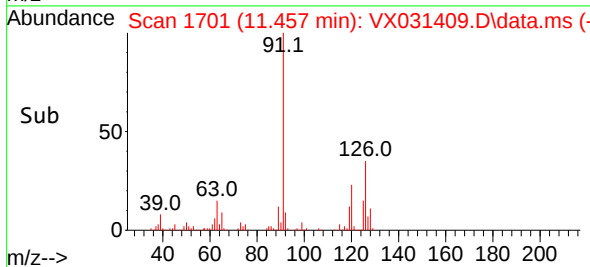
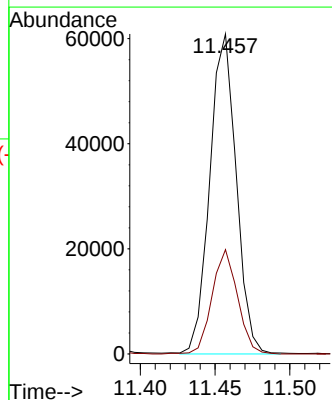
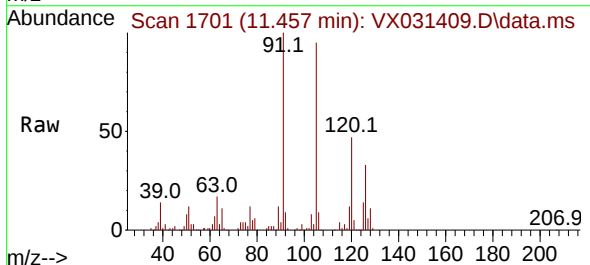
Manual Integrations
APPROVED

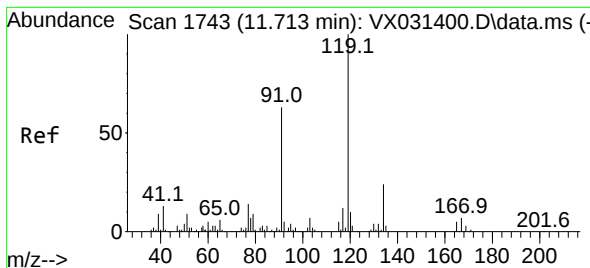
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#78
4-Chlorotoluene
Concen: 16.165 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

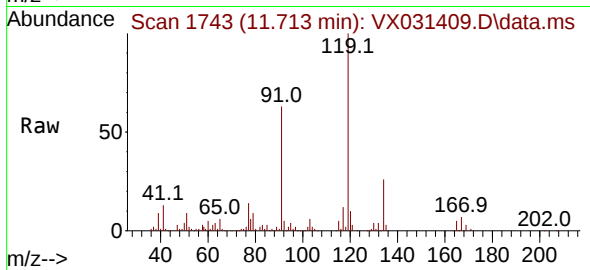
Tgt Ion: 91 Resp: 75032
Ion Ratio Lower Upper
91 100
126 31.2 0.0 59.8





#79
tert-butylbenzene
Concen: 17.066 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

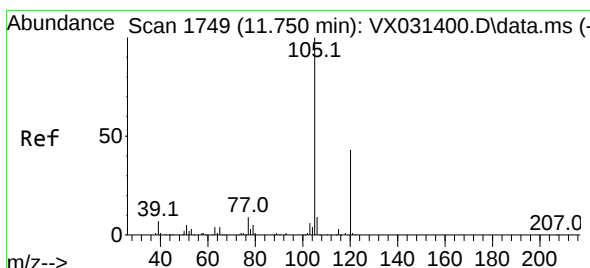
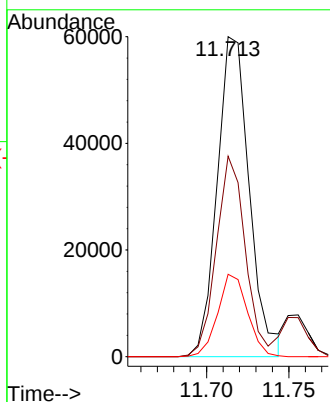
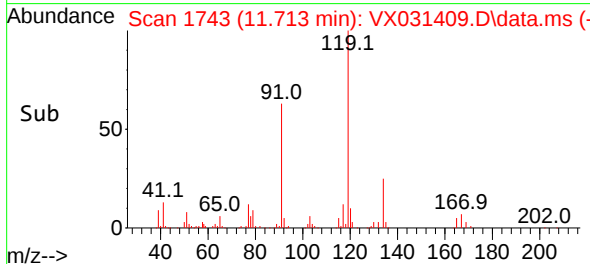
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



Tgt Ion:119 Resp: 81524
Ion Ratio Lower Upper
119 100
91 56.5 0.0 119.4
134 23.9 0.0 48.4

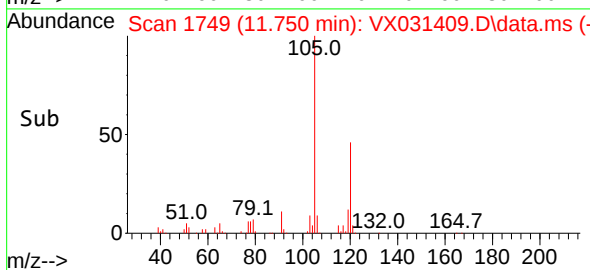
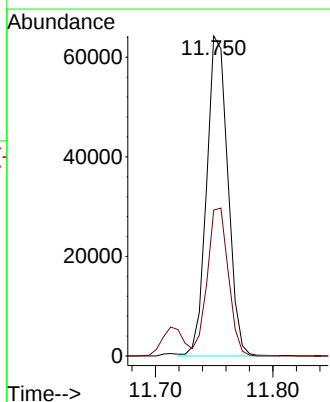
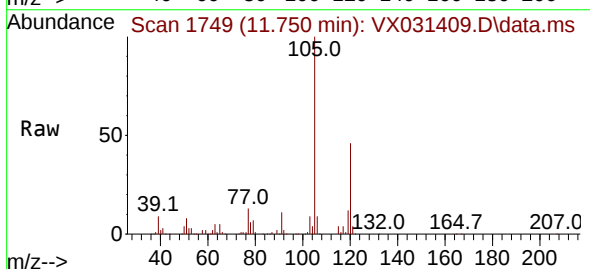
Manual Integrations
APPROVED

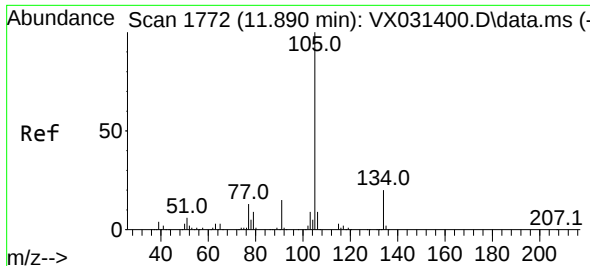
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#80
1,2,4-Trimethylbenzene
Concen: 16.433 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

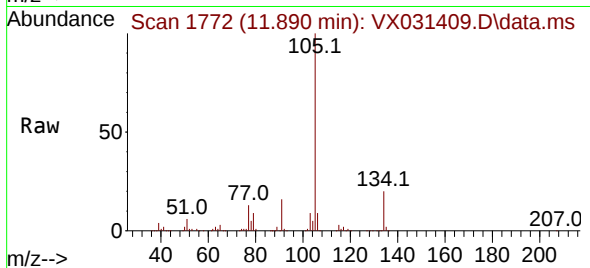
Tgt Ion:105 Resp: 80475
Ion Ratio Lower Upper
105 100
120 45.9 0.0 89.6





#81
 sec-Butylbenzene
 Concen: 16.920 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX031409.D
 Acq: 16 Sep 2022 14:51

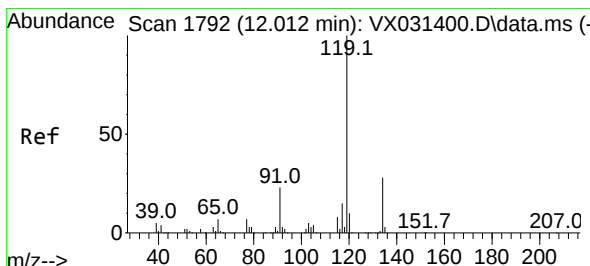
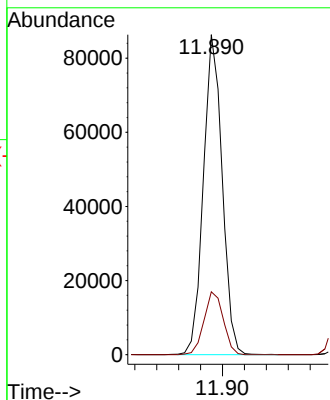
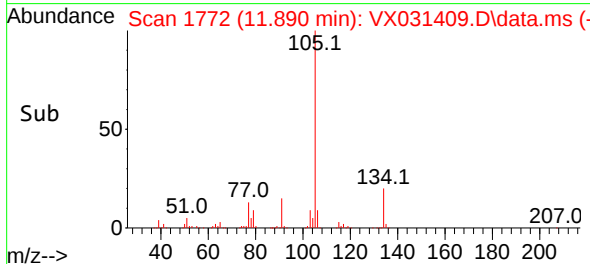
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS01



Tgt Ion:105 Resp: 102630
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 41.2

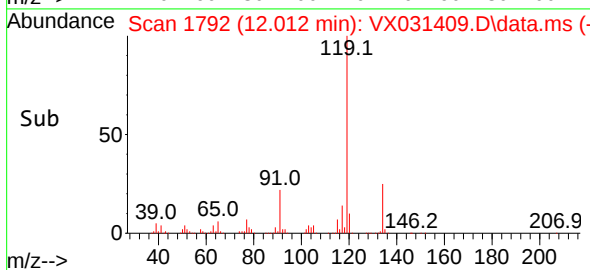
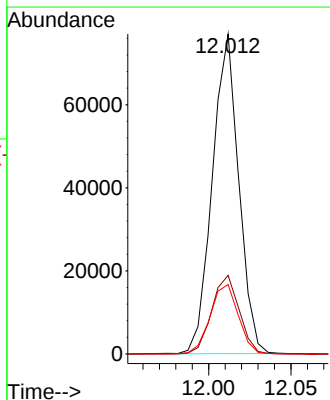
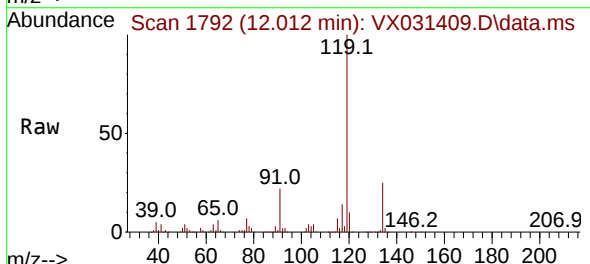
Manual Integrations
 APPROVED

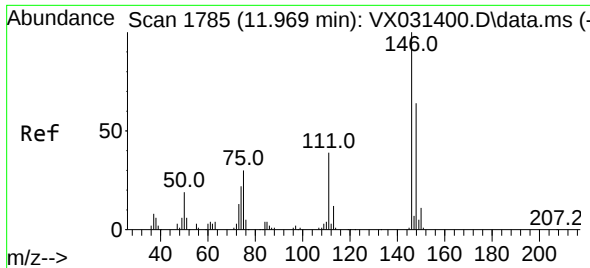
Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022



#82
 p-Isopropyltoluene
 Concen: 16.600 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX031409.D
 Acq: 16 Sep 2022 14:51

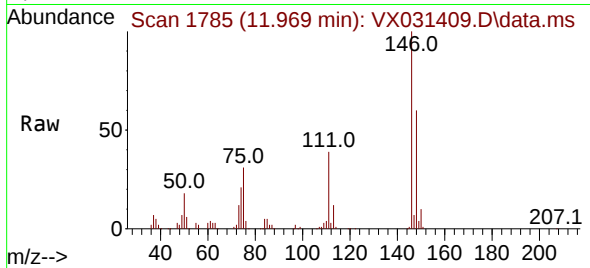
Tgt Ion:119 Resp: 85947
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 52.4
 91 23.2 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 16.745 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

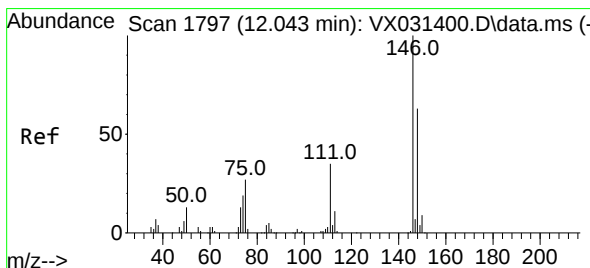
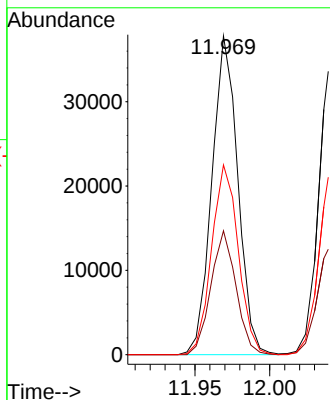
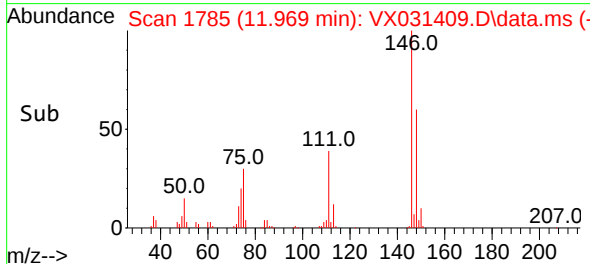
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



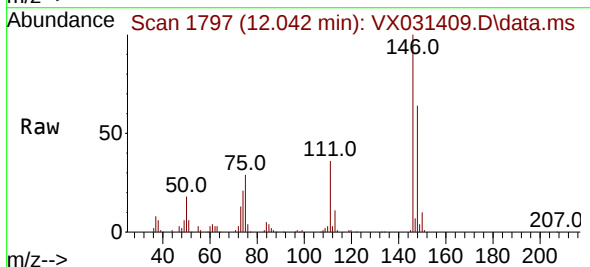
Tgt Ion:146 Resp: 4555
Ion Ratio Lower Upper
146 100
111 37.7 19.8 59.4
148 61.4 31.6 94.8

Manual Integrations
APPROVED

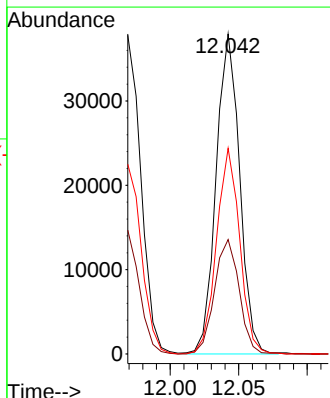
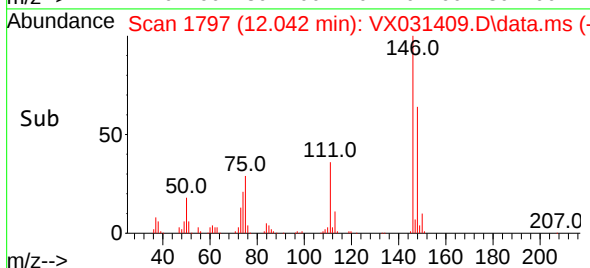
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

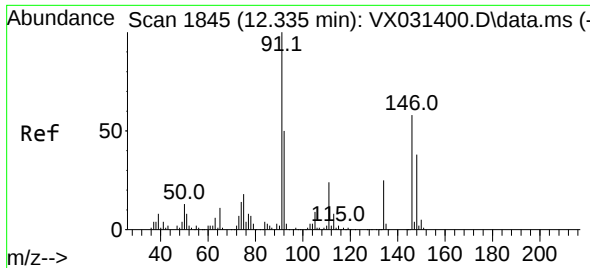


#84
1,4-Dichlorobenzene
Concen: 16.242 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51



Tgt Ion:146 Resp: 45376
Ion Ratio Lower Upper
146 100
111 37.4 19.2 57.6
148 63.4 32.3 96.8





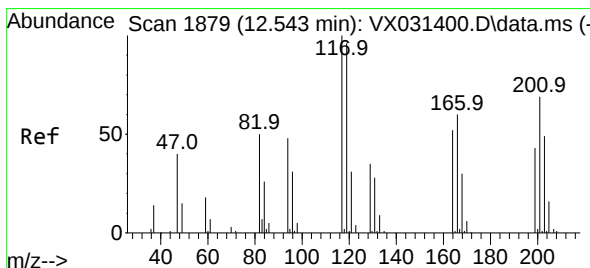
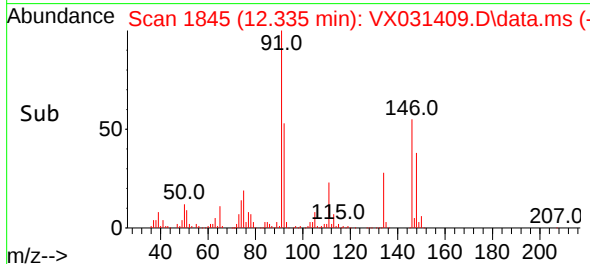
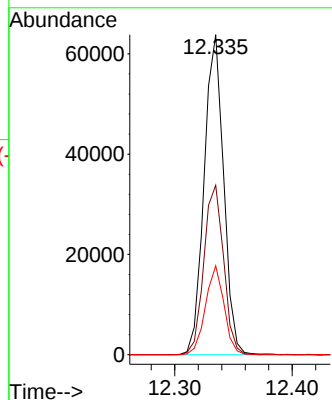
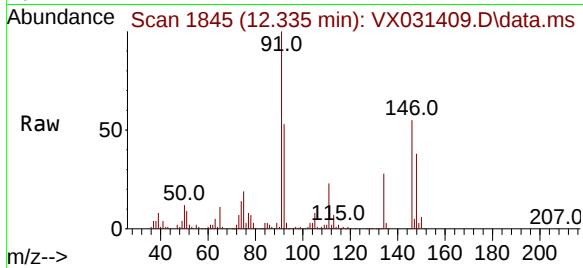
#85
n-Butylbenzene
Concen: 16.888 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tgt Ion: 91 Resp: 73489
Ion Ratio Lower Upper
91 100
92 53.6 0.0 109.4
134 26.5 0.0 56.4

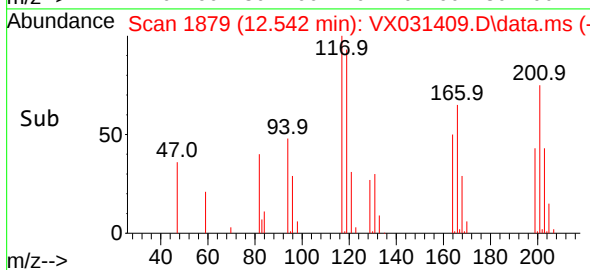
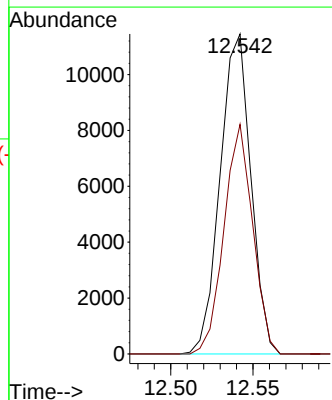
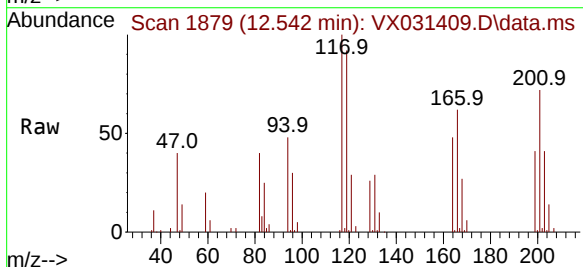
Manual Integrations
APPROVED

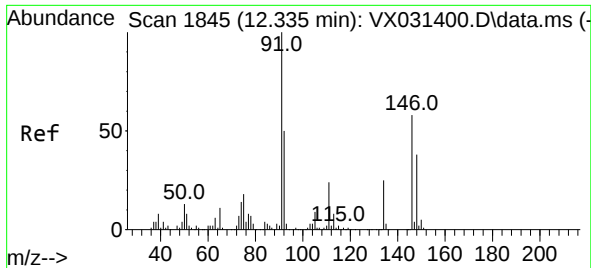
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#86
Hexachloroethane
Concen: 17.143 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

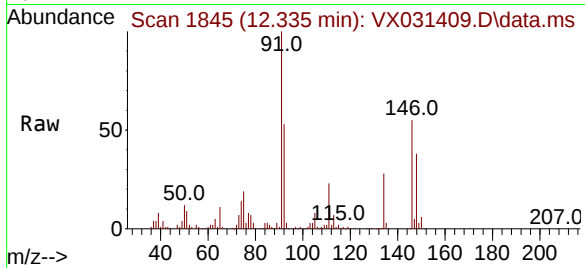
Tgt Ion:117 Resp: 14907
Ion Ratio Lower Upper
117 100
201 67.1 39.5 118.5





#87
1,2-Dichlorobenzene
Concen: 16.389 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

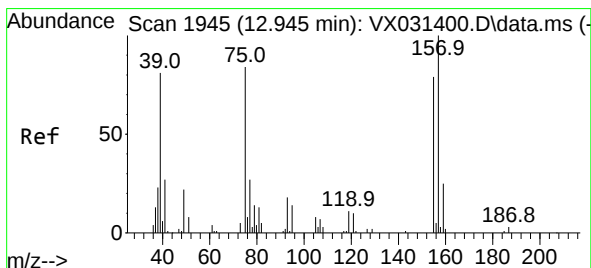
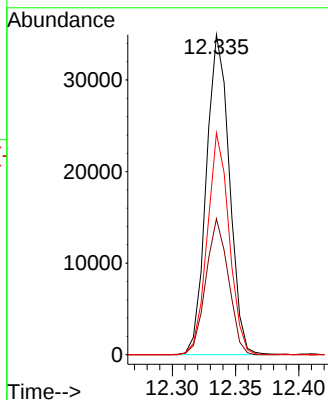
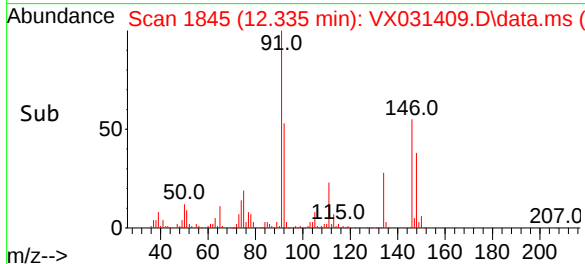
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



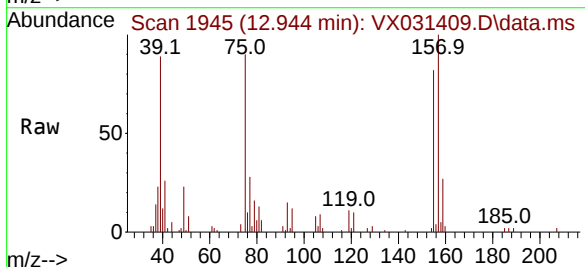
Tgt Ion:146 Resp: 4427
Ion Ratio Lower Upper
146 100
111 41.5 21.1 63.3
148 65.7 31.4 94.2

Manual Integrations
APPROVED

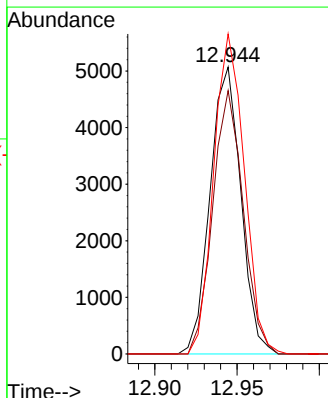
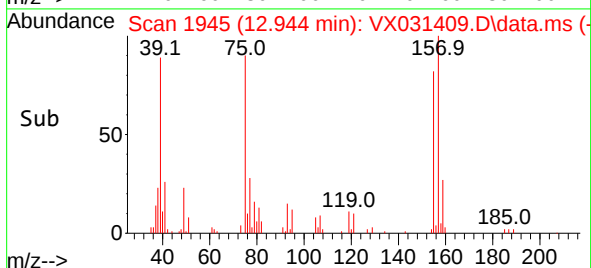
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

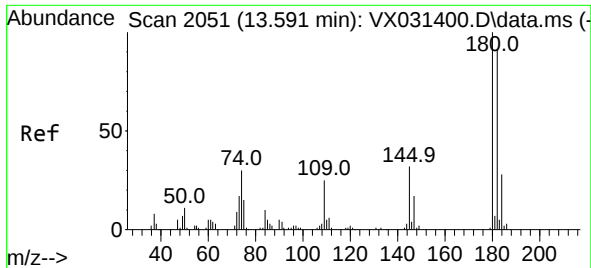


#88
1,2-Dibromo-3-Chloropropane
Concen: 17.538 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51



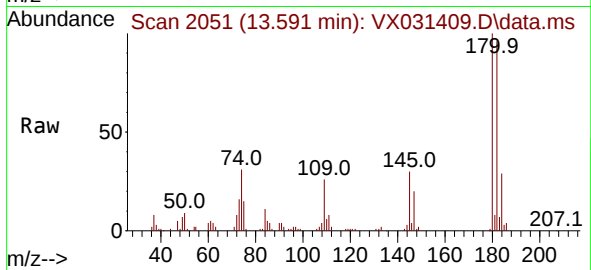
Tgt Ion: 75 Resp: 6607
Ion Ratio Lower Upper
75 100
155 90.8 74.3 111.5
157 111.0 97.3 145.9





#89
1,2,4-Trichlorobenzene
Concen: 17.776 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

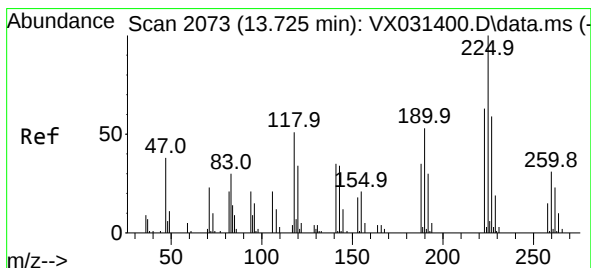
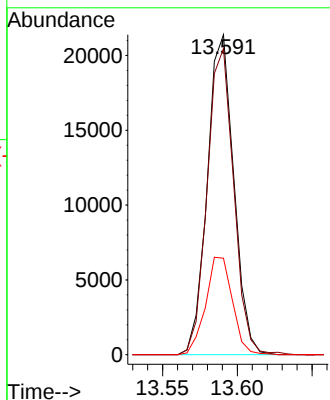
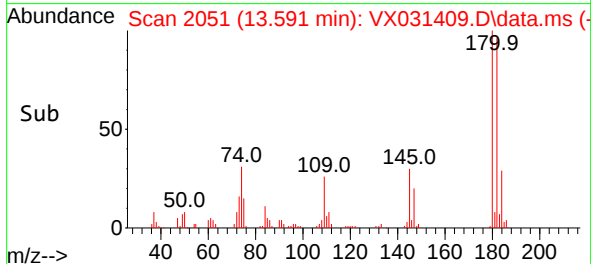
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



Tgt Ion:180 Resp: 2637
Ion Ratio Lower Upper
180 100
182 95.4 77.4 116.2
145 30.8 24.2 36.4

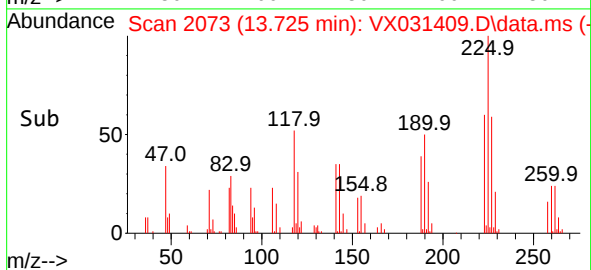
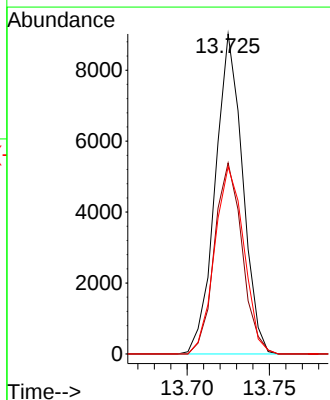
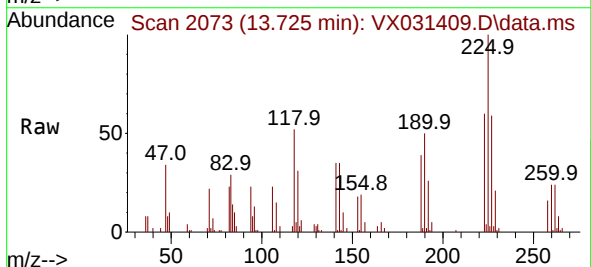
Manual Integrations
APPROVED

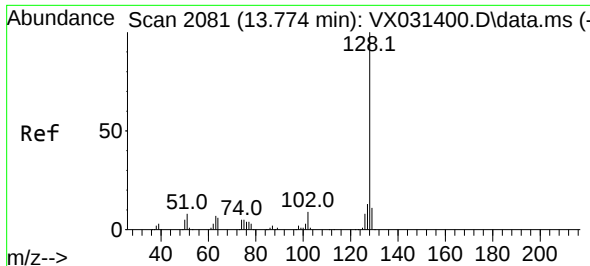
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#90
Hexachlorobutadiene
Concen: 19.199 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

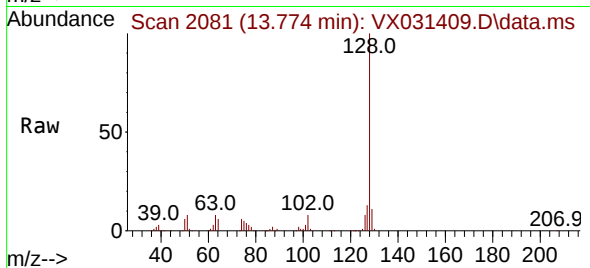
Tgt Ion:225 Resp: 10445
Ion Ratio Lower Upper
225 100
223 60.4 0.0 126.0
227 62.4 0.0 125.0





#91
Naphthalene
Concen: 17.750 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

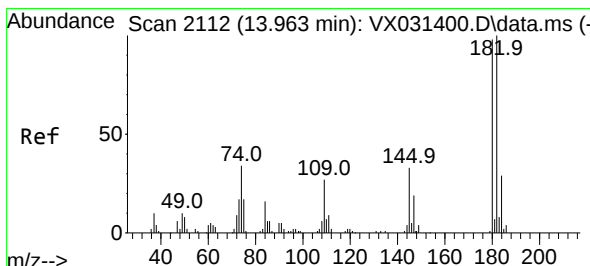
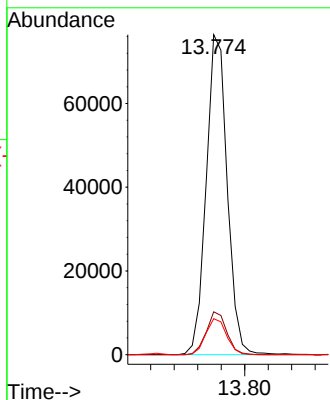
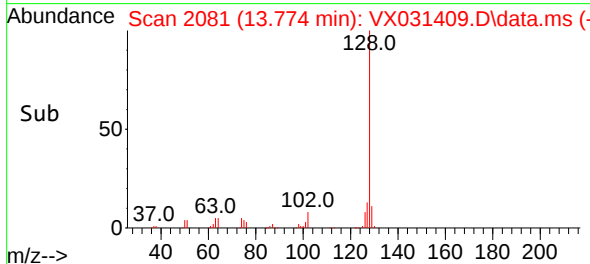
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



Tgt Ion:128 Resp: 94962
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#92
1,2,3-Trichlorobenzene
Concen: 18.056 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX031409.D
Acq: 16 Sep 2022 14:51

Tgt Ion:180 Resp: 26874
Ion Ratio Lower Upper
180 100
182 97.7 0.0 189.4
145 32.7 0.0 67.2

