

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
 Data File : VX031399.D
 Acq On : 16 Sep 2022 10:14
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

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

Quant Time: Sep 16 12:31:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X091622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 09 02:10:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	12494	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	70098	30.000	ug/l	-0.01
57) Chlorobenzene-d5	10.055	117	63138	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	33298	32.684	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 108.933%			
60) 4-Bromofluorobenzene	11.079	95	32992	27.727	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 92.433%			
63) Toluene-d8	8.647	98	102987	30.081	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.267%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	3856	4.513	ug/l	97
3) Chloromethane	1.288	50	5348	6.003	ug/l	97
4) Vinyl Chloride	1.374	62	5756	5.702	ug/l	97
5) Bromomethane	1.611	94	7916	19.032	ug/l	95
6) Chloroethane	1.685	64	8091	14.966	ug/l	95
7) Trichlorofluoromethane	1.886	101	13939	10.892	ug/l	91
8) Diethyl Ether	2.136	74	4720	8.672	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	5154	5.981	ug/l	88
10) 1,1-Dichloroethene	2.319	96	4599	5.227	ug/l	92
11) Methyl Iodide	2.453	142	4148	12.748	ug/l	94
12) Methyl Acetate	2.703	43	6763	4.720	ug/l #	86
13) Acrolein	2.239	56	4956	29.441	ug/l	100
14) Acrylonitrile	3.069	53	12817	20.783	ug/l	99
15) Acetone	2.386	58	4236	25.287	ug/l	89
16) Carbon Disulfide	2.508	76	11464	4.991	ug/l	99
17) Allyl chloride	2.666	41	6944	4.478	ug/l	92
18) Methylene Chloride	2.788	84	5402	5.270	ug/l	98
19) trans-1,2-Dichloroethene	3.087	96	4901	5.133	ug/l	84
20) Diisopropyl ether	3.764	45	14956	4.815	ug/l	93
21) 1,1-Dichloroethane	3.611	63	8439	5.047	ug/l	100
22) cis-1,2-Dichloroethene	4.489	96	5835	5.147	ug/l	99
23) tert-Butyl Alcohol	2.947	59	9355m	33.113	ug/l	
24) Methyl tert-Butyl Ether	3.117	73	15226	5.364	ug/l	95
25) Chloroform	5.099	83	9157	5.495	ug/l	93
26) Cyclohexane	5.471	56	7571	4.887	ug/l #	67
29) 1,1-Dichloropropene	5.696	75	6736	5.617	ug/l	88
30) 2-Butanone	4.562	43	19779m	24.437	ug/l	
31) 2,2-Dichloropropane	4.477	77	7424	6.478	ug/l #	87
32) 1,1,1-Trichloroethane	5.385	97	7903	6.129	ug/l	96
33) Carbon Tetrachloride	5.678	117	6872	6.346	ug/l	97
34) Benzene	6.038	78	19651	5.099	ug/l	95
35) Methacrylonitrile	4.922	41	3479	4.247	ug/l	94
36) 1,2-Dichloroethane	6.086	62	7367	6.280	ug/l	99
37) Trichloroethene	7.129	130	5474	5.311	ug/l	85
38) Methylcyclohexane	7.385	83	8062	5.181	ug/l	97
39) 1,2-Dichloropropane	7.434	63	4618	4.708	ug/l #	87
40) Dibromomethane	7.580	93	3620	5.444	ug/l	94
41) Bromodichloromethane	7.824	83	6754	5.686	ug/l	99
42) Vinyl Acetate	3.727	43	62088	23.987	ug/l	99

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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
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Reviewed By : John Carlone 09/17/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	6813	4.469	ug/l	97
44) Isopropyl Acetate	6.342	43	12060	5.207	ug/l #	83
45) 1,4-Dioxane	7.702	88	2827	103.974	ug/l #	90
46) Methyl methacrylate	7.690	41	5414	4.933	ug/l	91
47) n-amyl Acetate	10.848	43	9154	4.601	ug/l	94
48) t-1,3-Dichloropropene	8.982	75	6850	5.219	ug/l	92
49) cis-1,3-Dichloropropene	8.366	75	7624	5.172	ug/l	92
50) 1,1,2-Trichloroethane	9.153	97	5146	5.224	ug/l #	93
51) Ethyl methacrylate	9.116	69	6943	4.529	ug/l	95
52) 1,3-Dichloropropane	9.311	76	8759	5.528	ug/l	98
53) Dibromochloromethane	9.525	129	4893	5.366	ug/l	99
54) 1,2-Dibromoethane	9.610	107	5217	5.100	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	17511	22.160	ug/l	98
56) Bromoform	10.799	173	3251	5.093	ug/l #	96
58) 4-Methyl-2-Pentanone	8.574	43	37186	23.844	ug/l	97
59) 2-Hexanone	9.433	43	28529	23.651	ug/l	95
61) Tetrachloroethene	9.275	164	5227	5.514	ug/l	95
62) Toluene	8.720	91	21592	5.141	ug/l	96
64) Chlorobenzene	10.079	112	13604	5.424	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.165	131	4718	5.394	ug/l	97
66) Ethyl Benzene	10.195	91	23203	5.199	ug/l	99
67) m/p-Xylenes	10.305	106	18599	10.739	ug/l	98
68) o-Xylene	10.640	106	8767	5.083	ug/l	97
69) Styrene	10.659	104	13673	4.791	ug/l	98
70) Isopropylbenzene	10.963	105	23186	5.339	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	7812	4.947	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	6833m	4.814	ug/l	
73) Bromobenzene	11.201	156	5773	5.544	ug/l	99
74) n-propylbenzene	11.305	91	26677	5.121	ug/l	98
75) 2-Chlorotoluene	11.366	91	15771	5.141	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	19418	5.326	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	1880	3.851	ug/l	96
78) 4-Chlorotoluene	11.457	91	17675	5.134	ug/l	97
79) tert-butylbenzene	11.713	119	19034	5.366	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	18889	5.040	ug/l	99
81) sec-Butylbenzene	11.890	105	23745	4.946	ug/l	100
82) p-Isopropyltoluene	12.012	119	19084	4.938	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	10786	5.354	ug/l	96
84) 1,4-Dichlorobenzene	12.043	146	10213	4.999	ug/l	99
85) n-Butylbenzene	12.335	91	15834	4.366	ug/l	97
86) Hexachloroethane	12.536	117	3318	5.167	ug/l	82
87) 1,2-Dichlorobenzene	12.335	146	10469	5.262	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.945	75	1385	3.846	ug/l	93
89) 1,2,4-Trichlorobenzene	13.591	180	6098	4.951	ug/l	99
90) Hexachlorobutadiene	13.725	225	2561	5.482	ug/l	95
91) Naphthalene	13.780	128	21398	4.358	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	6297	5.019	ug/l	99

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

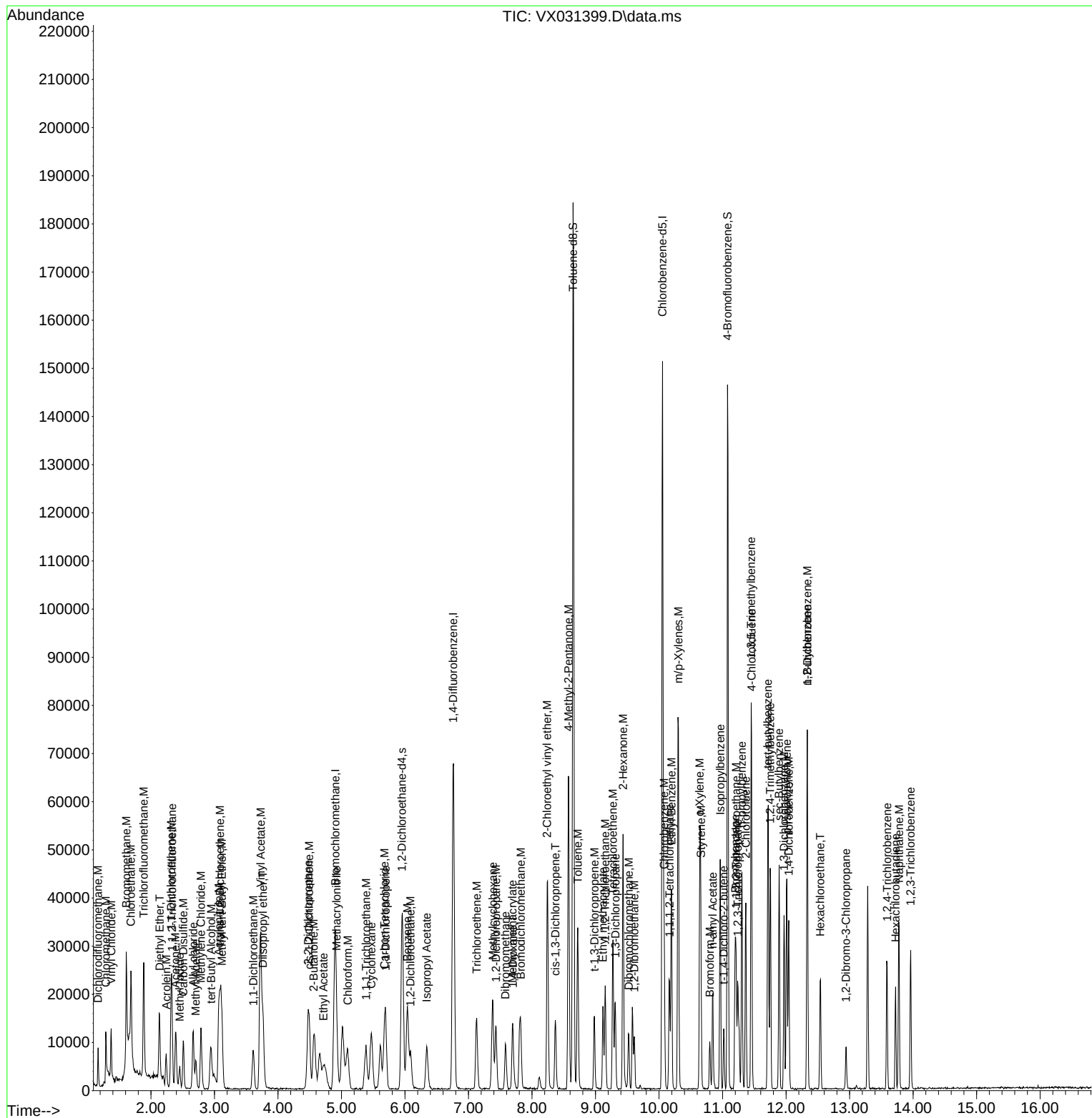
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
 Data File : VX031399.D
 Acq On : 16 Sep 2022 10:14
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

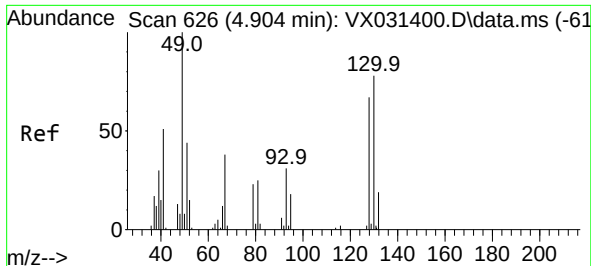
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations APPROVED

Reviewed By : John Carlone 09/17/2022
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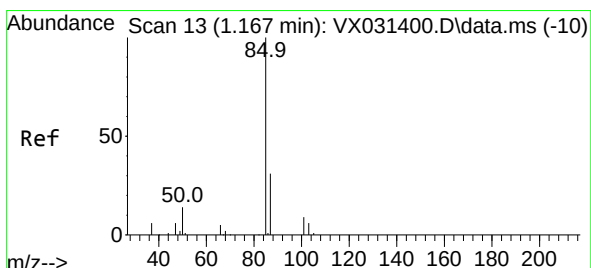
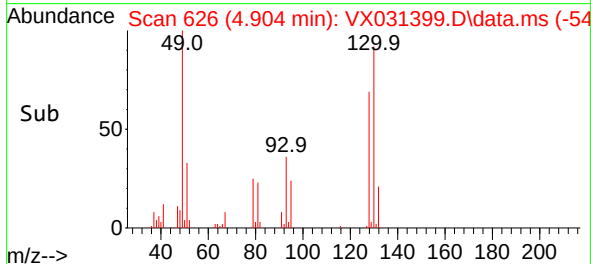
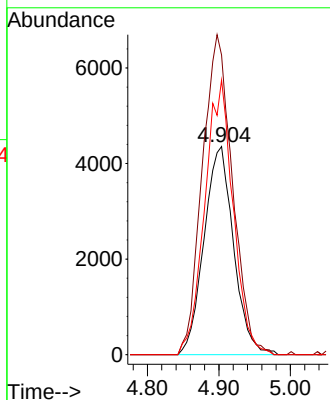
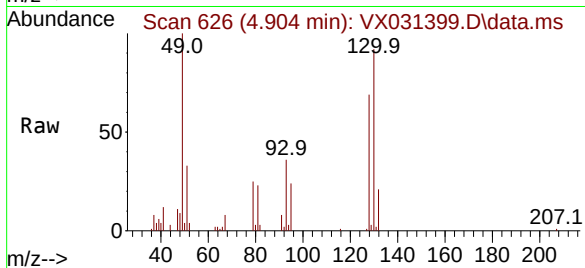
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:128 Resp: 12494
Ion Ratio Lower Upper
128 100
49 156.8 0.0 358.3
130 126.8 0.0 319.3

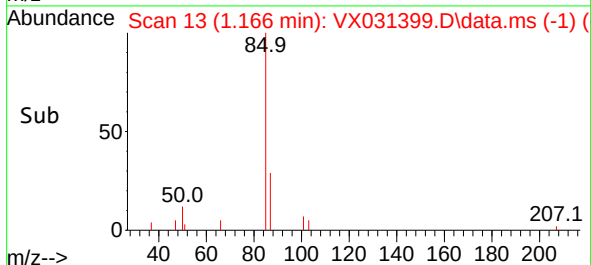
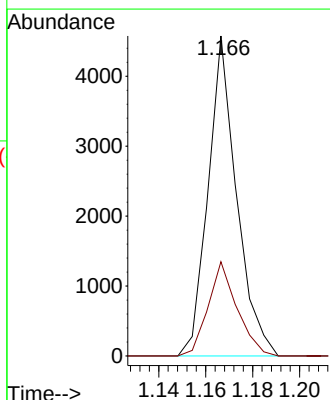
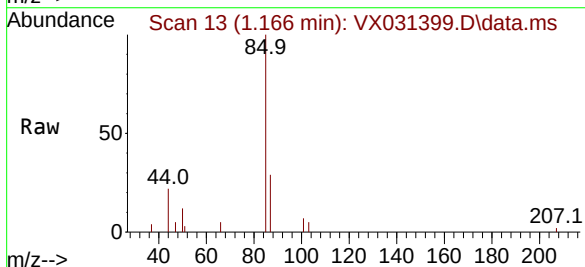
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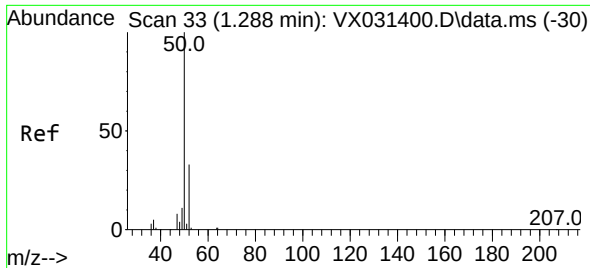
Reviewed By :John Carlone 09/17/2022
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#2
Dichlorodifluoromethane
Concen: 4.513 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

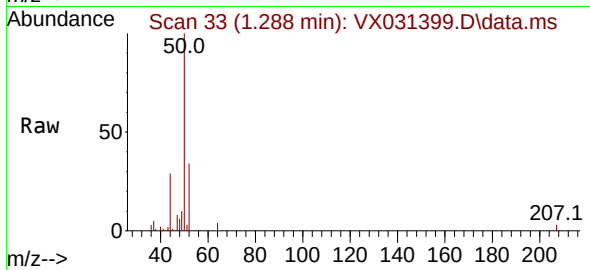
Tgt Ion: 85 Resp: 3856
Ion Ratio Lower Upper
85 100
87 29.5 15.6 46.8





#3
Chloromethane
Concen: 6.003 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

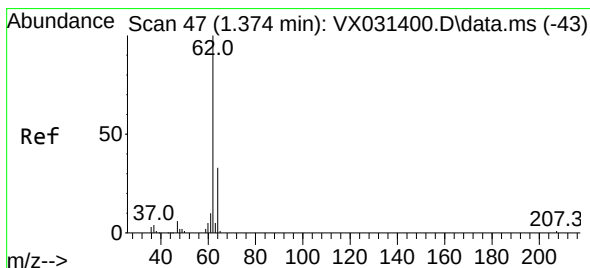
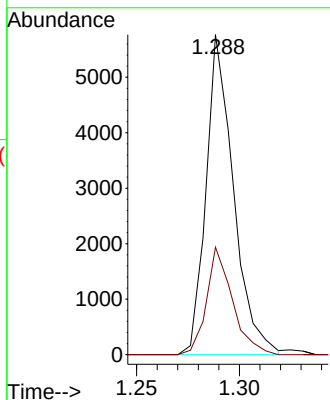
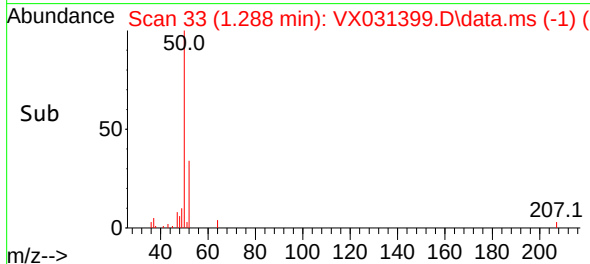
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 50 Resp: 5348
Ion Ratio Lower Upper
50 100
52 33.6 25.6 38.4

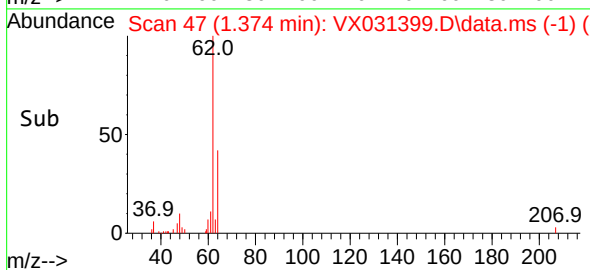
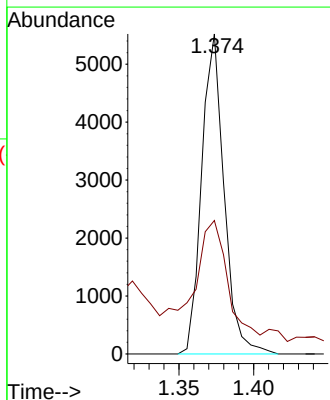
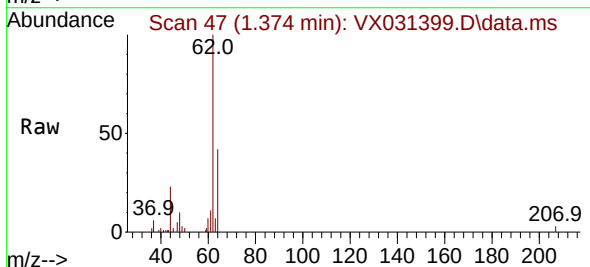
Manual Integrations
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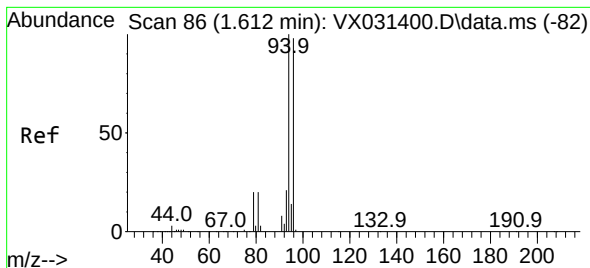
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#4
Vinyl Chloride
Concen: 5.702 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

Tgt Ion: 62 Resp: 5756
Ion Ratio Lower Upper
62 100
64 34.5 26.2 39.2





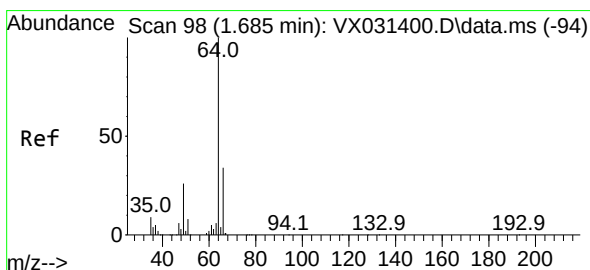
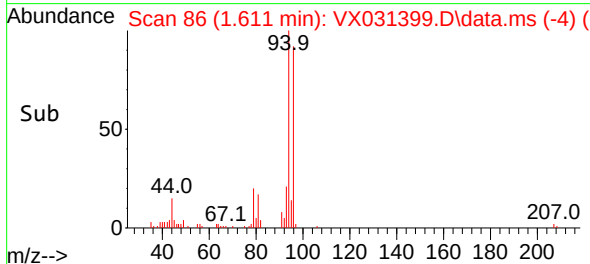
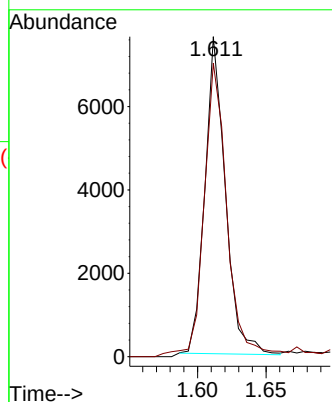
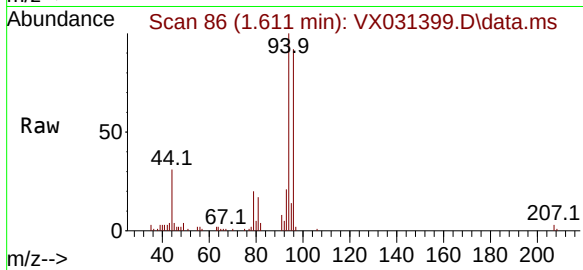
#5
Bromomethane
Concen: 19.032 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 7910
Ion Ratio Lower Upper
94 100
96 91.0 77.0 115.6

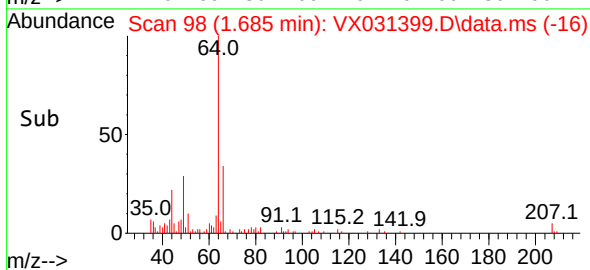
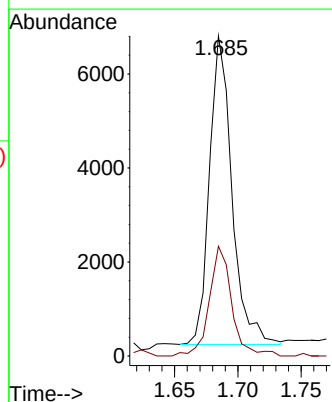
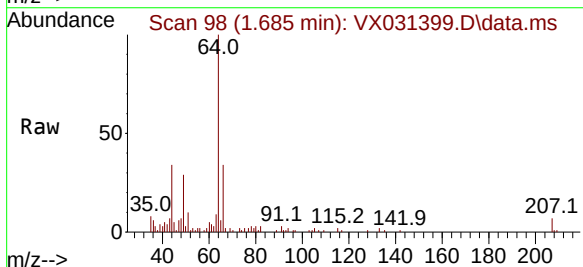
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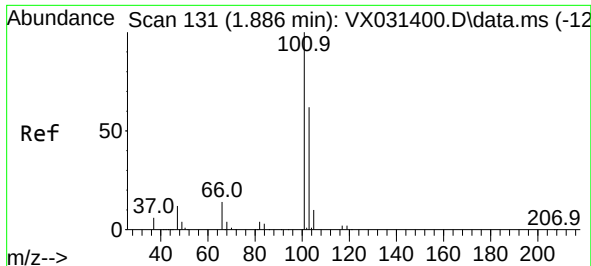
Reviewed By :John Carlone 09/17/2022
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#6
Chloroethane
Concen: 14.966 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

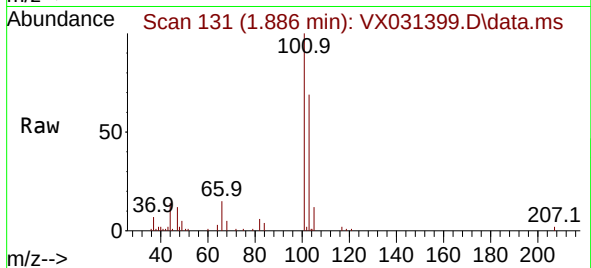
Tgt Ion: 64 Resp: 8091
Ion Ratio Lower Upper
64 100
66 35.6 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 10.892 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. 0.000 min
 Lab File: VX031399.D
 Acq: 16 Sep 2022 10:14

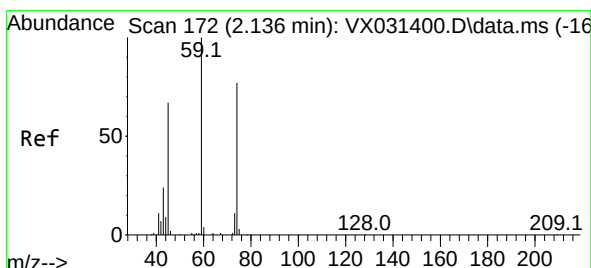
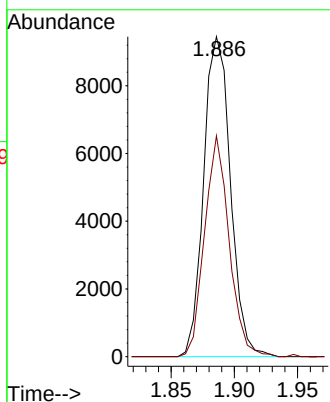
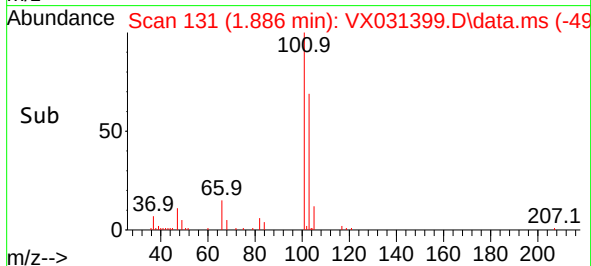
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



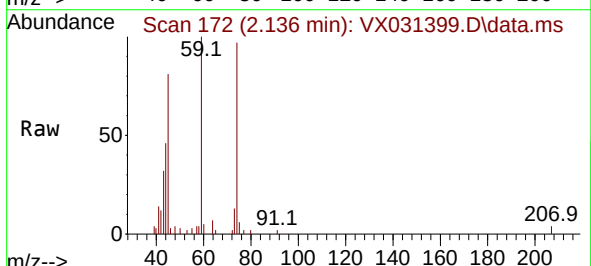
Tgt Ion:101 Resp: 13939
 Ion Ratio Lower Upper
 101 100
 103 69.0 49.6 74.4

Manual Integrations
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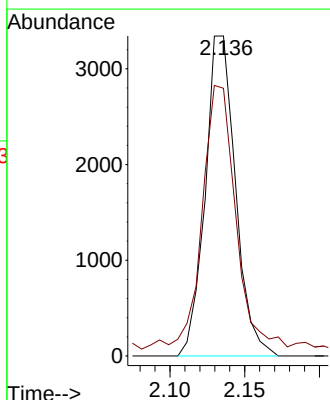
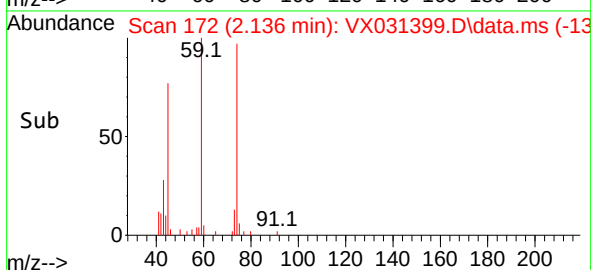
Reviewed By :John Carlone 09/17/2022
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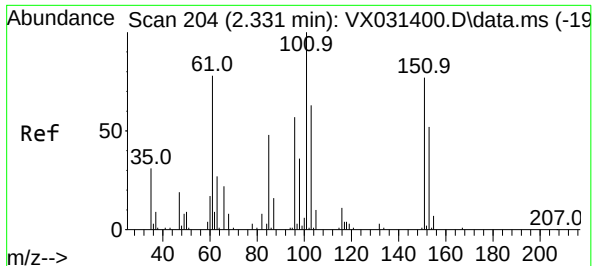


#8
 Diethyl Ether
 Concen: 8.672 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX031399.D
 Acq: 16 Sep 2022 10:14



Tgt Ion: 74 Resp: 4720
 Ion Ratio Lower Upper
 74 100
 45 94.4 18.7 168.7





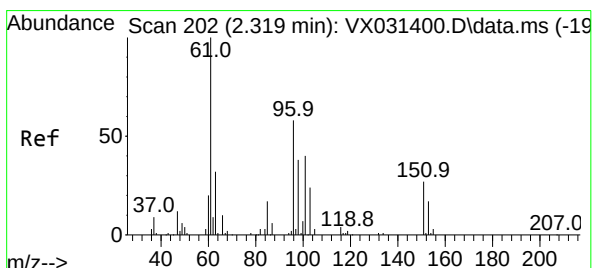
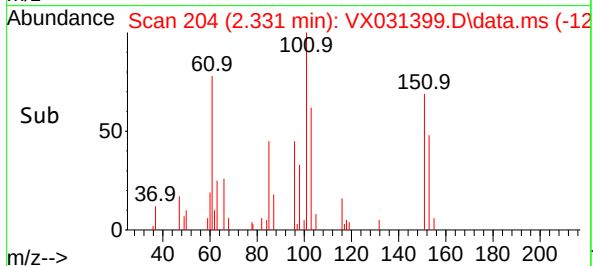
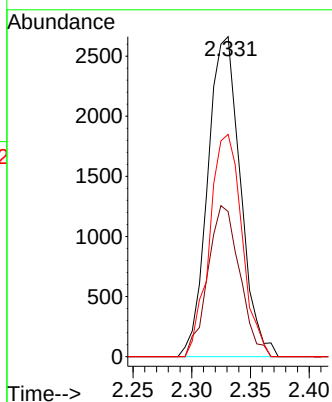
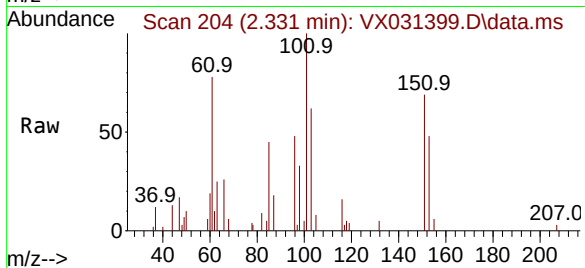
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.981 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX031399.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 101 Resp: 5154
Ion Ratio Lower Upper
101 100
85 46.2 0.0 84.6
151 68.8 0.0 165.4

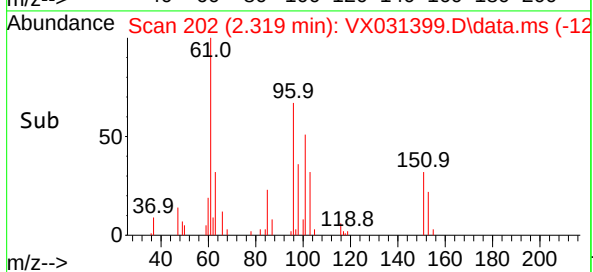
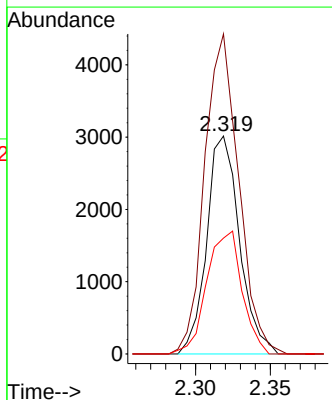
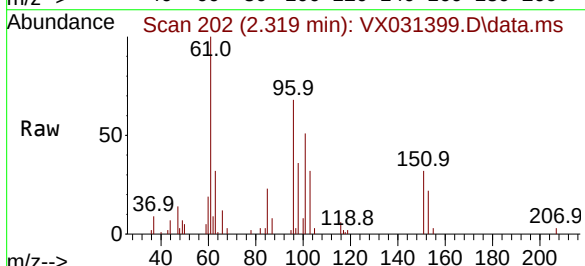
Manual Integrations
APPROVED

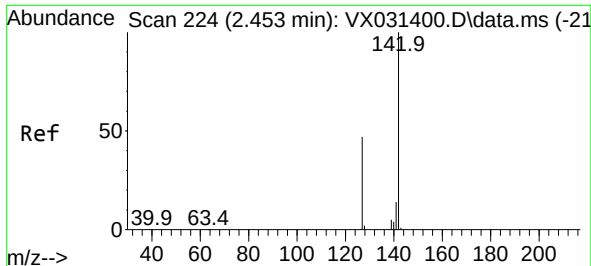
Reviewed By : John Carlone 09/17/2022
Supervised By : Mahesh Dadoda 09/19/2022



#10
1,1-Dichloroethene
Concen: 5.227 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

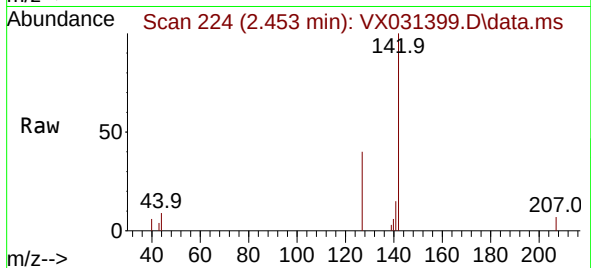
Tgt Ion: 96 Resp: 4599
Ion Ratio Lower Upper
96 100
61 144.8 122.6 183.8
98 53.2 50.1 75.1





#11
Methyl Iodide
Concen: 12.748 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

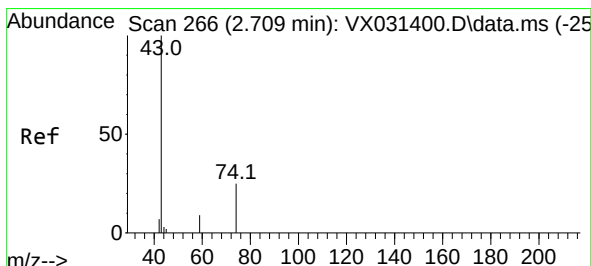
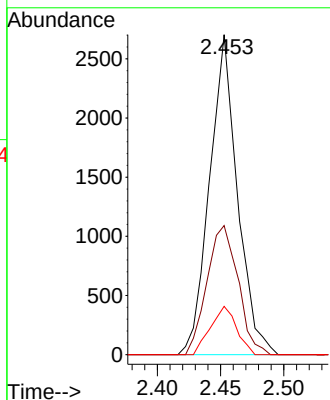
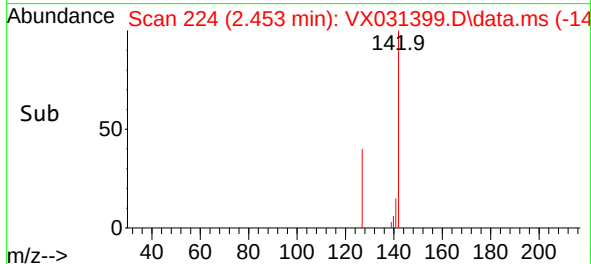
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:142 Resp: 4148
Ion Ratio Lower Upper
142 100
127 40.3 22.3 66.9
141 15.1 7.0 20.9

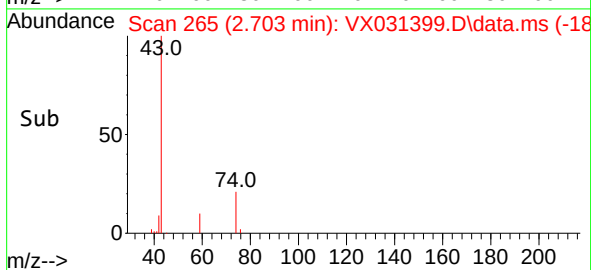
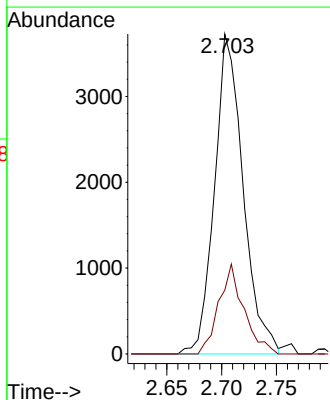
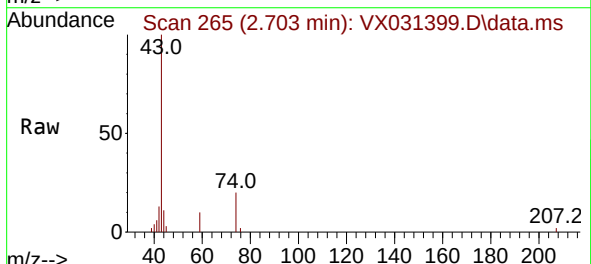
Manual Integrations
APPROVED

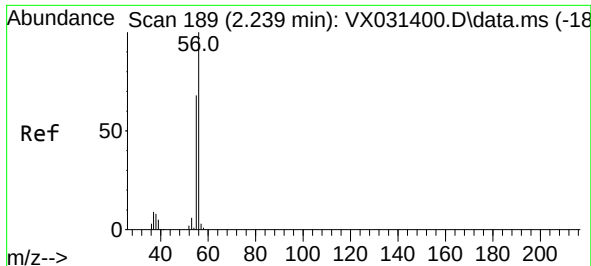
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#12
Methyl Acetate
Concen: 4.720 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

Tgt Ion: 43 Resp: 6763
Ion Ratio Lower Upper
43 100
74 20.0 22.1 33.1#





#13

Acrolein

Concen: 29.441 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX031399.D

Acq: 16 Sep 2022 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 56 Resp: 4950

Ion Ratio Lower Upper

56 100

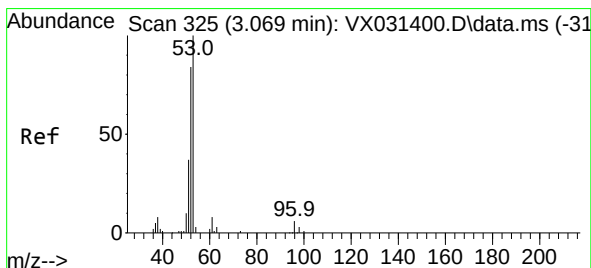
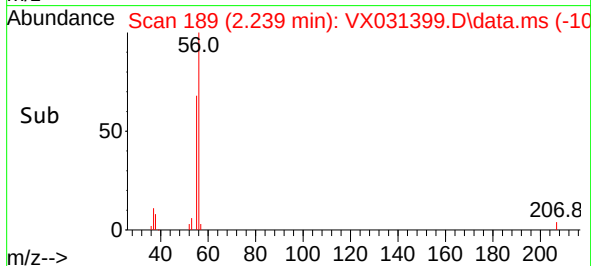
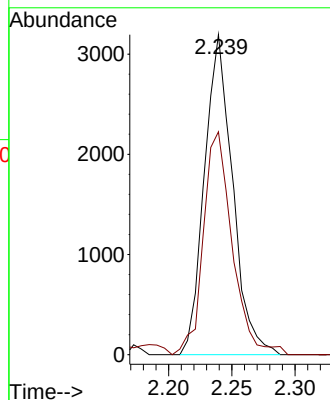
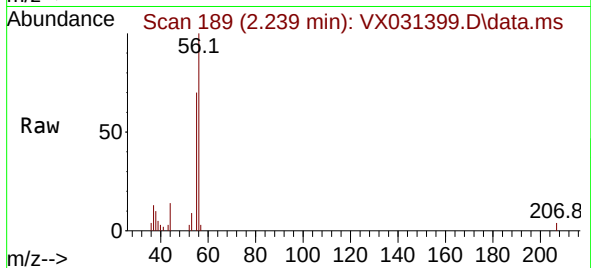
55 70.7 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#14

Acrylonitrile

Concen: 20.783 ug/l

RT: 3.069 min Scan# 325

Delta R.T. 0.000 min

Lab File: VX031399.D

Acq: 16 Sep 2022 10:14

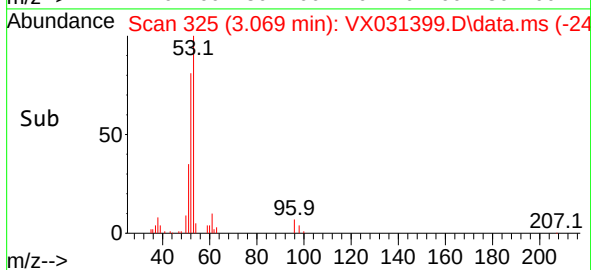
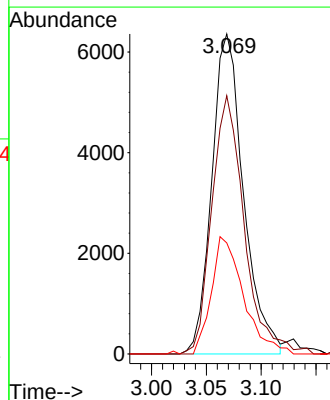
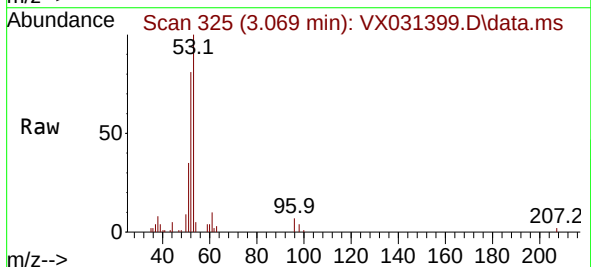
Tgt Ion: 53 Resp: 12817

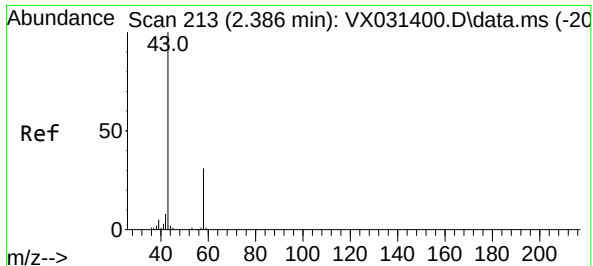
Ion Ratio Lower Upper

53 100

52 81.8 41.5 124.5

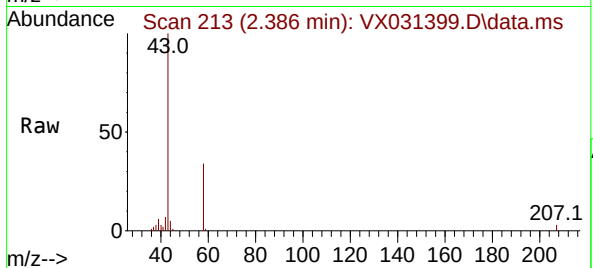
51 37.0 18.1 54.4





#15
Acetone
Concen: 25.287 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

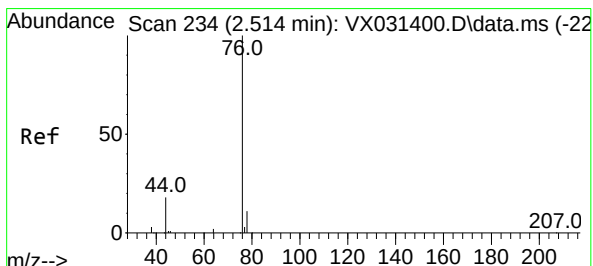
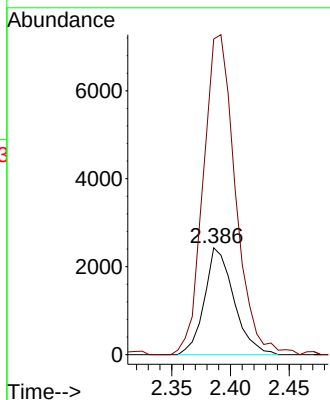
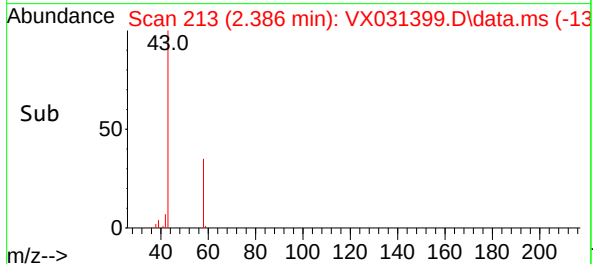
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 58 Resp: 4230
Ion Ratio Lower Upper
58 100
43 291.1 250.2 375.2

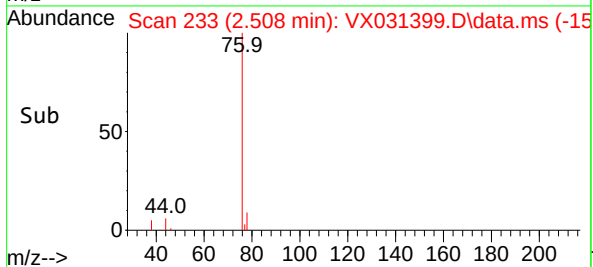
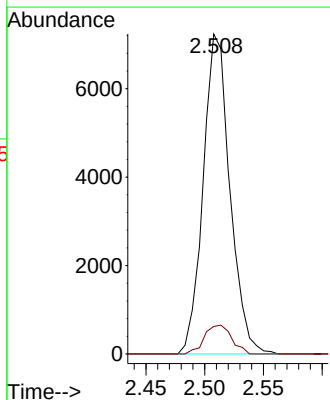
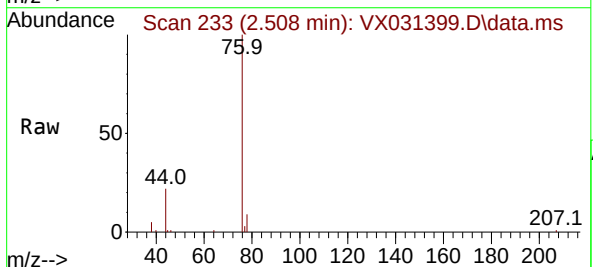
Manual Integrations
APPROVED

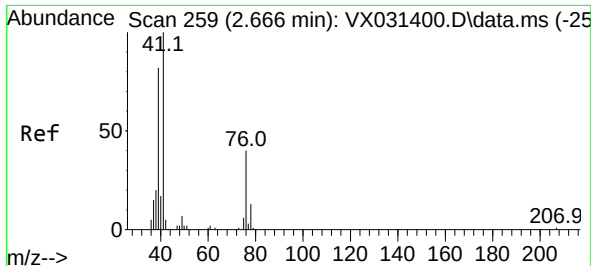
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#16
Carbon Disulfide
Concen: 4.991 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

Tgt Ion: 76 Resp: 11464
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7





#17

Allyl chloride

Concen: 4.478 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX031399.D

Acq: 16 Sep 2022 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

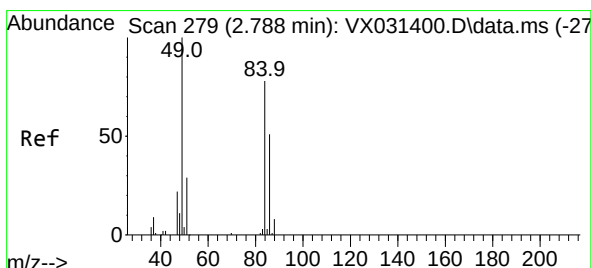
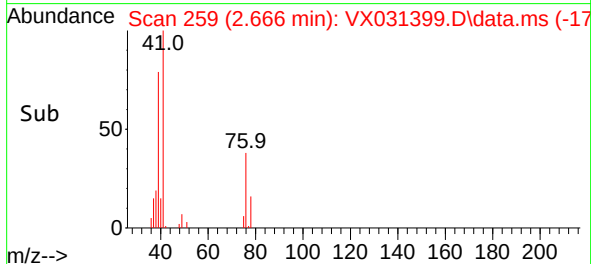
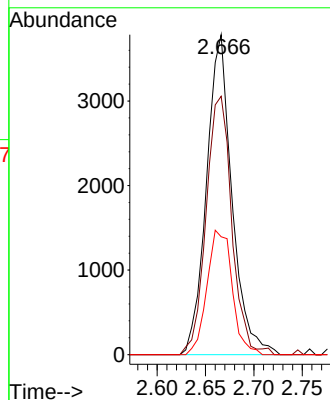
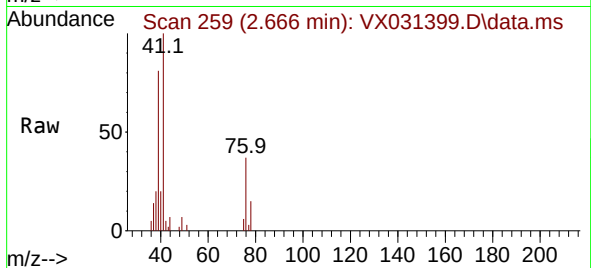
Tgt Ion: 41	Resp: 694
Ion Ratio	Lower Upper
41 100	
39 80.7	35.4 106.1
76 36.9	18.4 55.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#18

Methylene Chloride

Concen: 5.270 ug/l

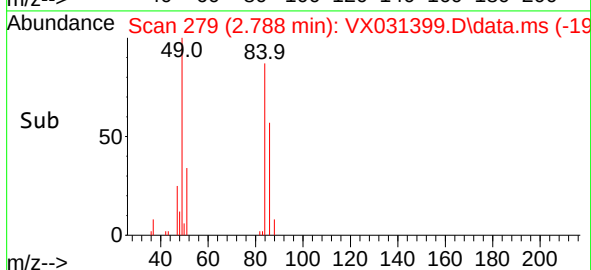
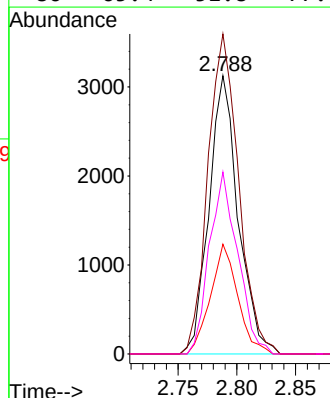
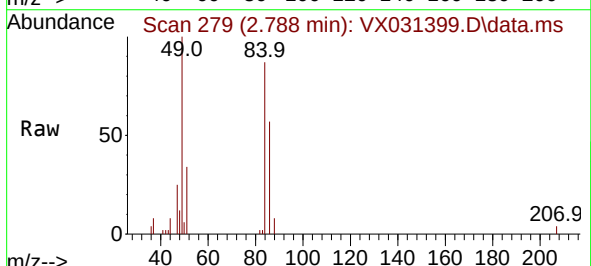
RT: 2.788 min Scan# 279

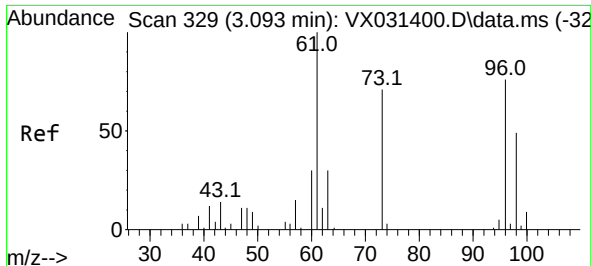
Delta R.T. 0.000 min

Lab File: VX031399.D

Acq: 16 Sep 2022 10:14

Tgt Ion: 84	Resp: 5402
Ion Ratio	Lower Upper
84 100	
49 115.0	94.2 141.2
51 39.4	29.2 43.8
86 65.4	51.8 77.6





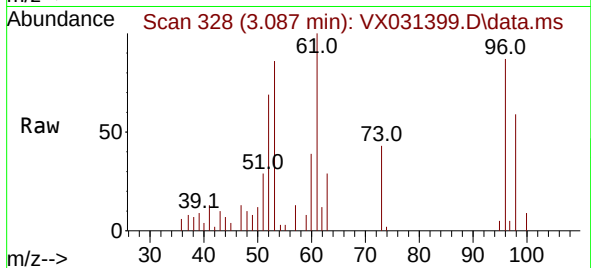
#19
trans-1,2-Dichloroethene
Concen: 5.133 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



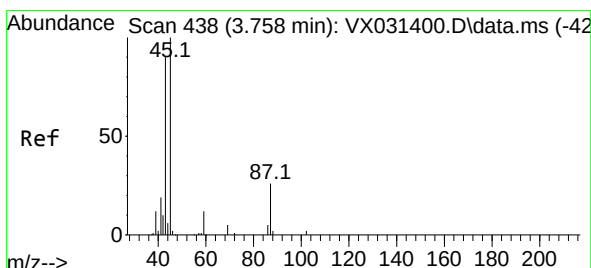
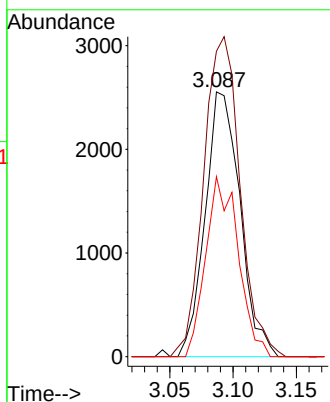
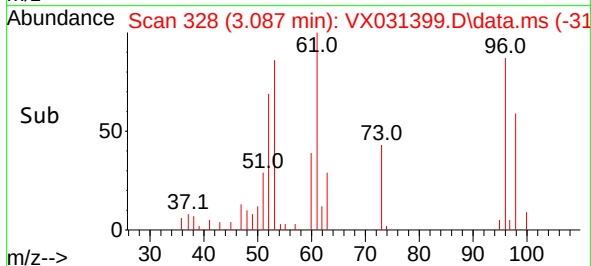
Tgt Ion: 96 Resp: 490
Ion Ratio Lower Upper
96 100
61 113.4 108.7 163.1
98 68.0 49.2 73.8

Manual Integrations

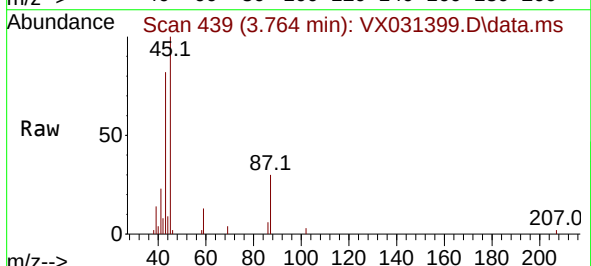
APPROVED

Reviewed By :John Carlone 09/17/2022

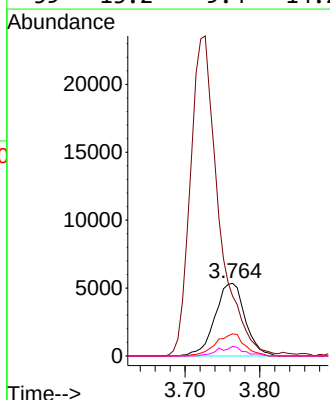
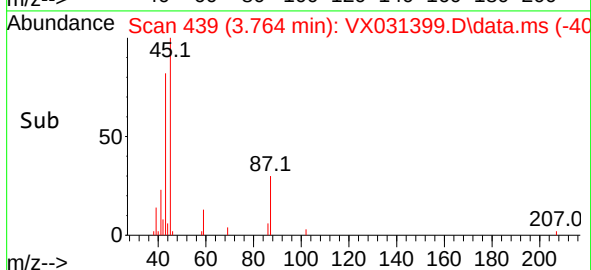
Supervised By :Mahesh Dadoda 09/19/2022

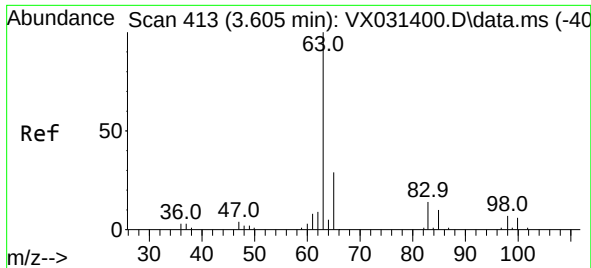


#20
Diisopropyl ether
Concen: 4.815 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14



Tgt Ion: 45 Resp: 14956
Ion Ratio Lower Upper
45 100
43 79.3 70.3 105.5
87 30.4 24.5 36.7
59 13.2 9.4 14.2





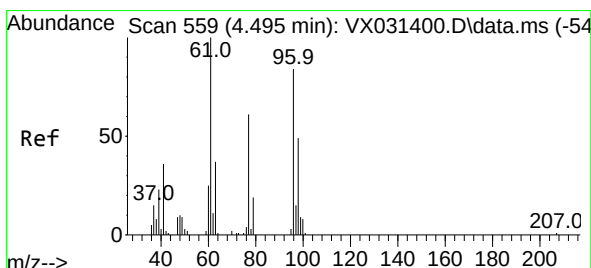
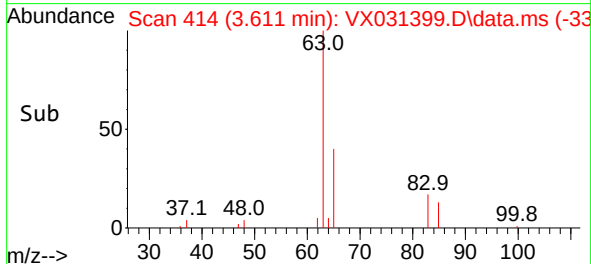
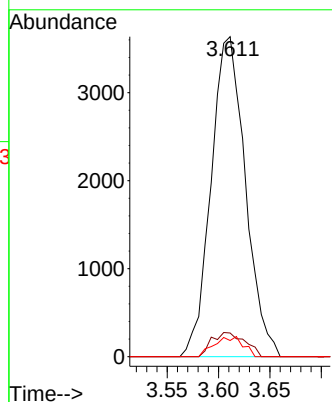
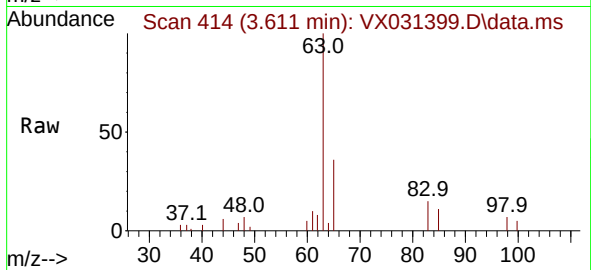
#21
1,1-Dichloroethane
Concen: 5.047 ug/l
RT: 3.611 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 8435
Ion Ratio Lower Upper
63 100
98 7.4 3.8 11.2
100 5.1 2.5 7.5

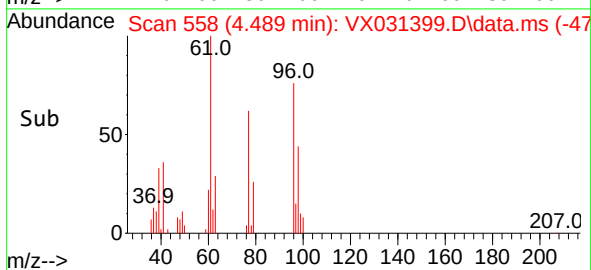
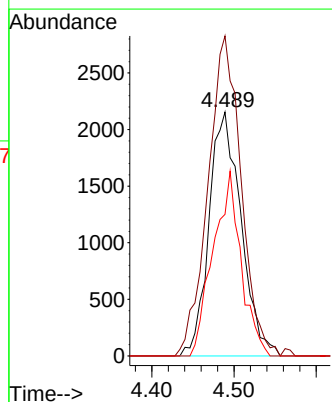
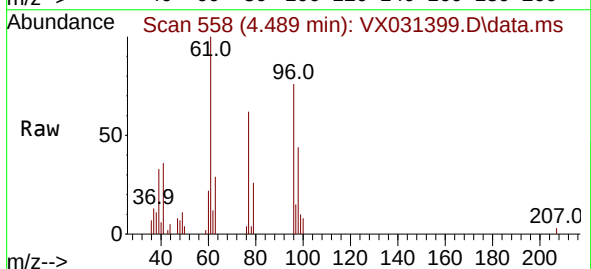
Manual Integrations
APPROVED

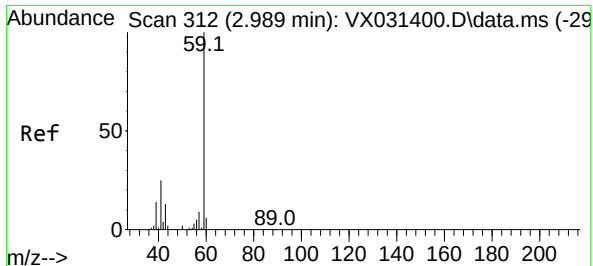
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#22
cis-1,2-Dichloroethene
Concen: 5.147 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

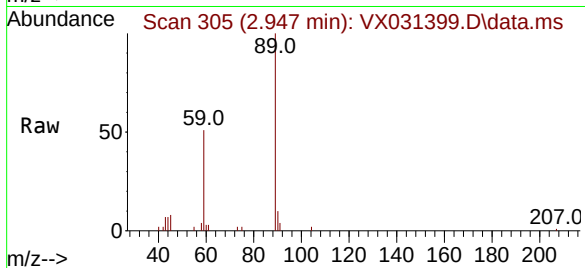
Tgt Ion: 96 Resp: 5835
Ion Ratio Lower Upper
96 100
61 135.5 107.4 161.2
98 65.7 51.1 76.7





#23
tert-Butyl Alcohol
Concen: 33.113 ug/l m
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

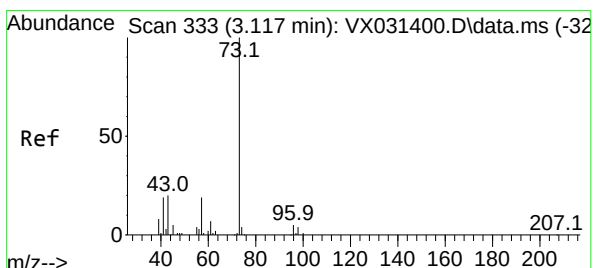
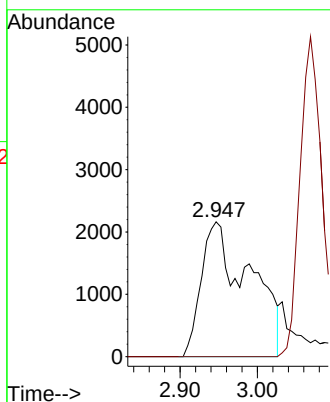
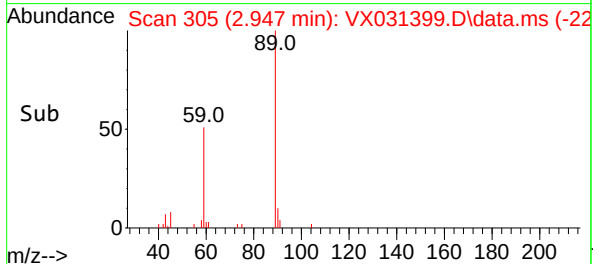
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



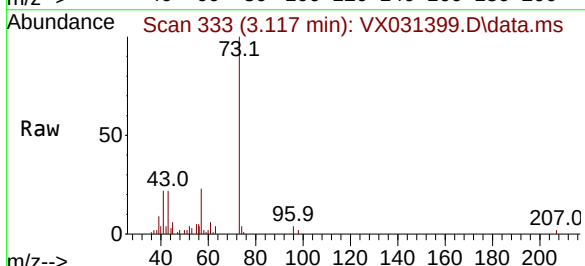
Tgt Ion: 59 Resp: 935
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

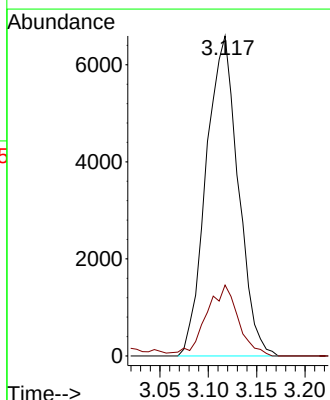
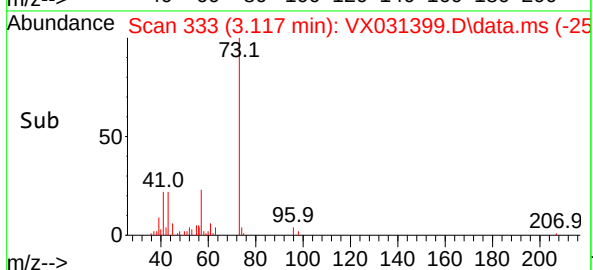
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

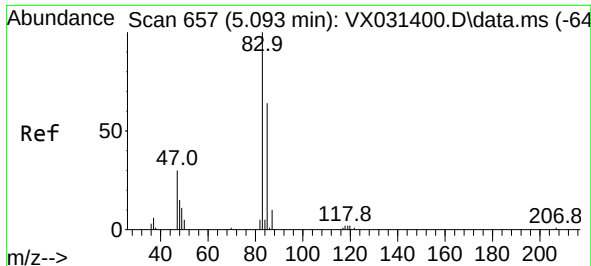


#24
Methyl tert-Butyl Ether
Concen: 5.364 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14



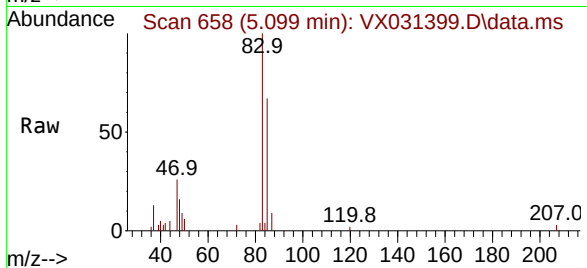
Tgt Ion: 73 Resp: 15226
Ion Ratio Lower Upper
73 100
43 22.3 16.0 24.0





#25
Chloroform
Concen: 5.495 ug/l
RT: 5.099 min Scan# 615
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

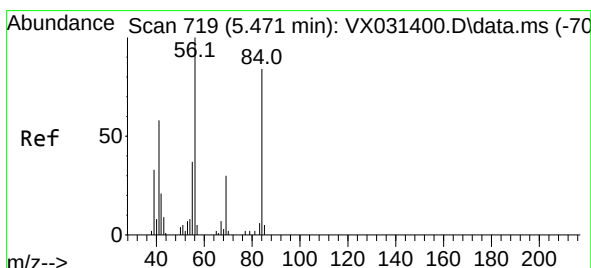
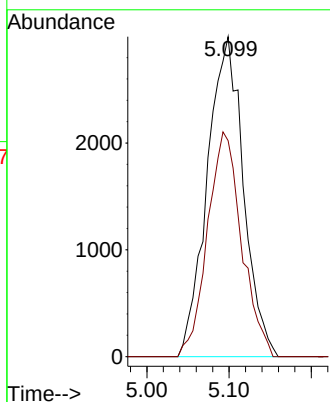
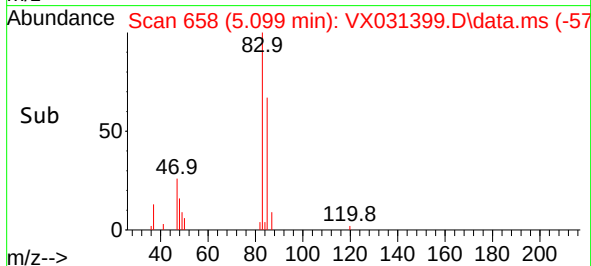
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 915
Ion Ratio Lower Upper
83 100
85 67.5 49.9 74.9

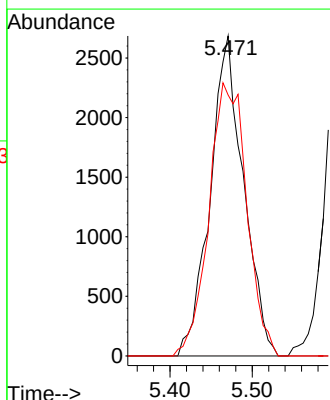
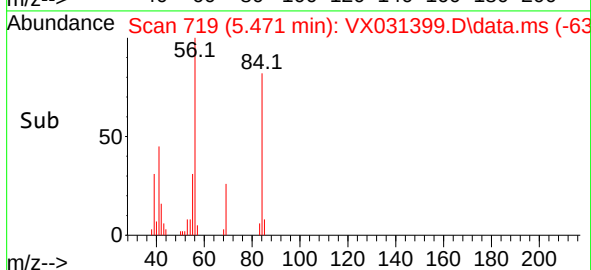
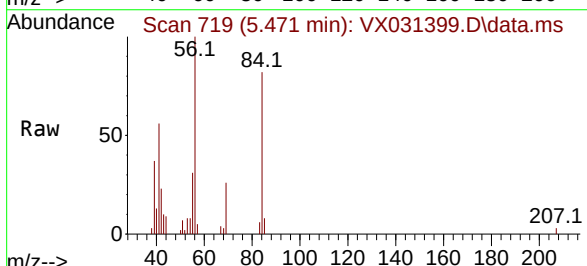
Manual Integrations
APPROVED

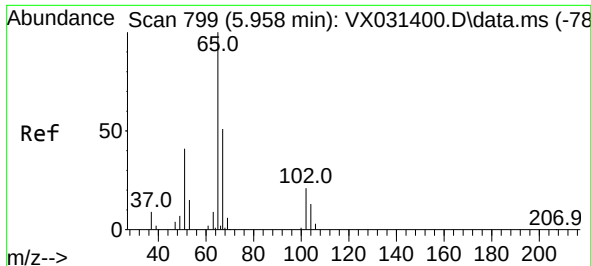
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#26
Cyclohexane
Concen: 4.887 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

Tgt Ion: 56 Resp: 7571
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 63.6 76.2 114.2#





#27

1,2-Dichloroethane-d4

Concen: 32.684 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX031399.D

Acq: 16 Sep 2022 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 33298

Ion Ratio Lower Upper

65 100

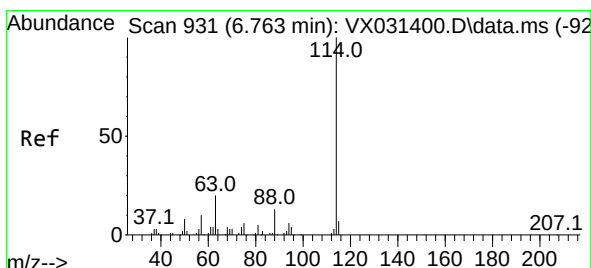
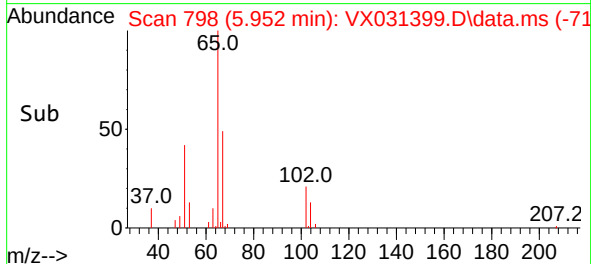
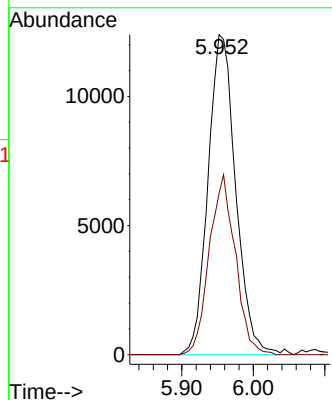
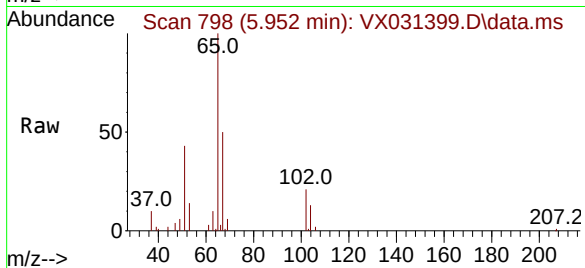
67 52.9 42.3 63.5

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: 6.757 min Scan# 930

Delta R.T. -0.012 min

Lab File: VX031399.D

Acq: 16 Sep 2022 10:14

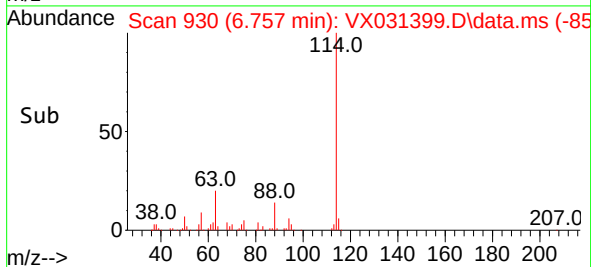
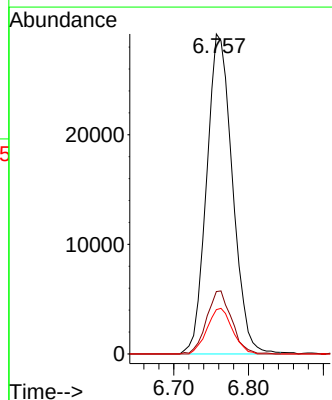
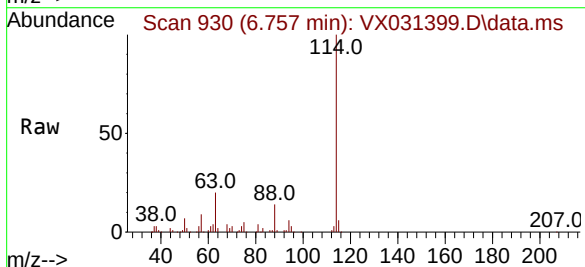
Tgt Ion:114 Resp: 70098

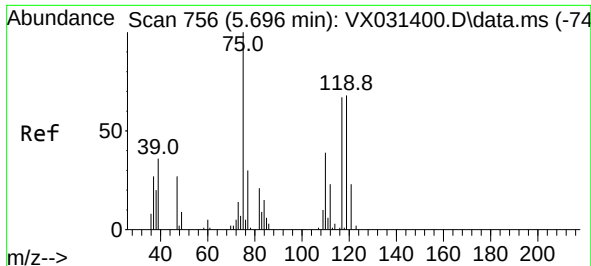
Ion Ratio Lower Upper

114 100

63 19.0 15.3 22.9

88 13.9 12.2 18.4





#29

1,1-Dichloropropene

Concen: 5.617 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.006 min

Lab File: VX031399.D

Acq: 16 Sep 2022 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

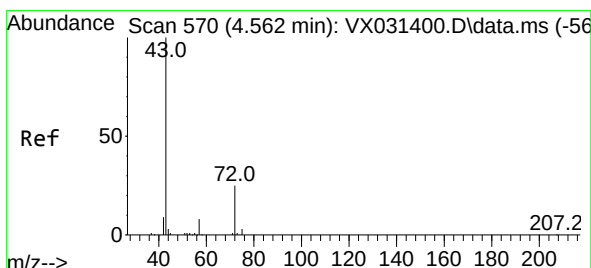
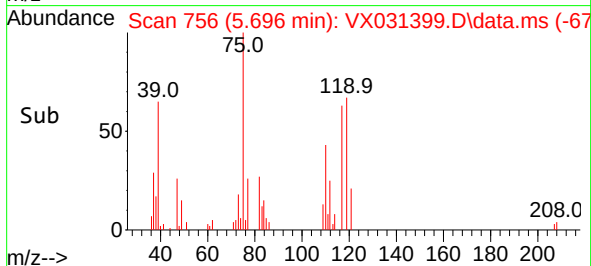
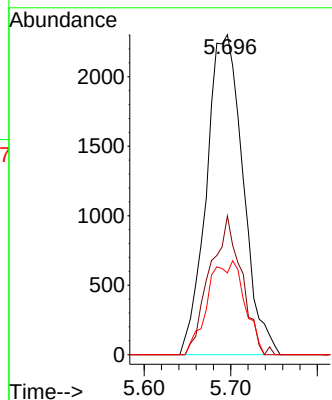
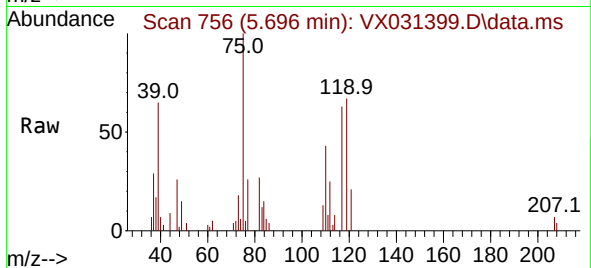
Tgt Ion:	75	Resp:	6730
Ion	Ratio	Lower	Upper
75	100		
110	37.4	0.0	73.6
77	17.3	0.0	62.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#30

2-Butanone

Concen: 24.437 ug/l m

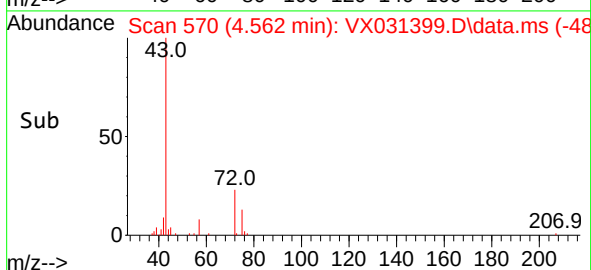
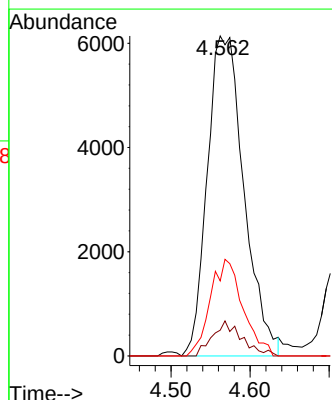
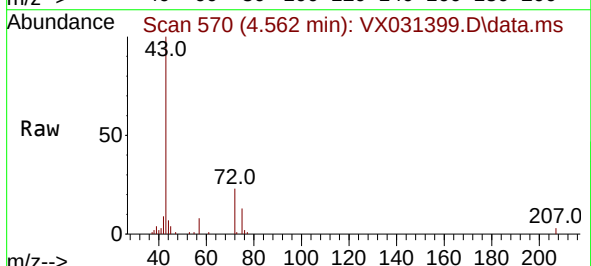
RT: 4.562 min Scan# 570

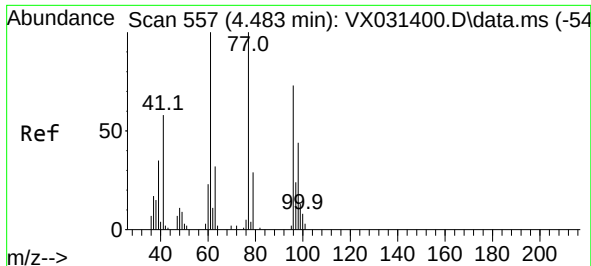
Delta R.T. 0.000 min

Lab File: VX031399.D

Acq: 16 Sep 2022 10:14

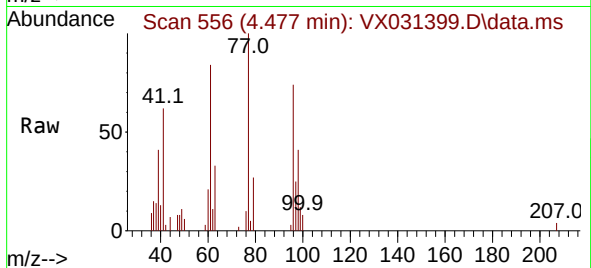
Tgt Ion:	43	Resp:	19779
Ion	Ratio	Lower	Upper
43	100		
57	8.5	6.6	10.0
72	25.9	22.1	33.1





#31
2,2-Dichloropropane
Concen: 6.478 ug/l
RT: 4.477 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

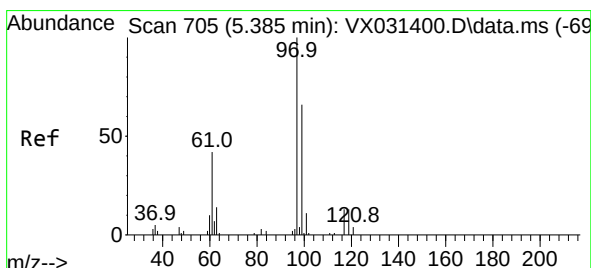
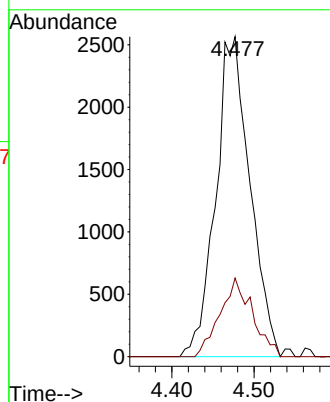
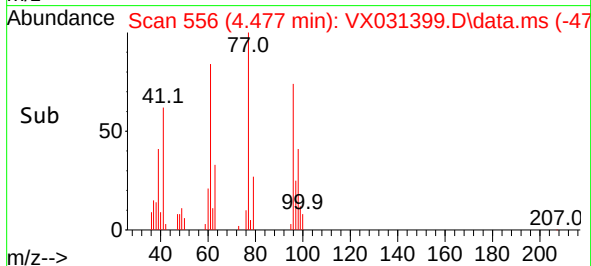
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 77 Resp: 7424
Ion Ratio Lower Upper
77 100
97 16.9 18.4 27.6

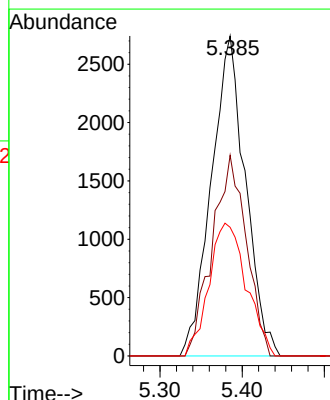
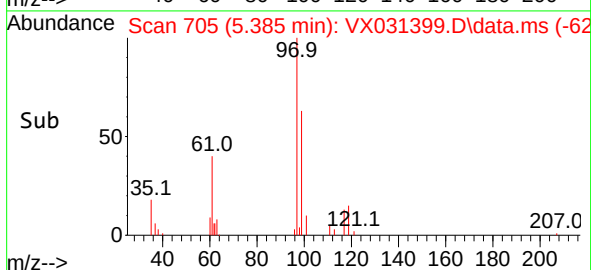
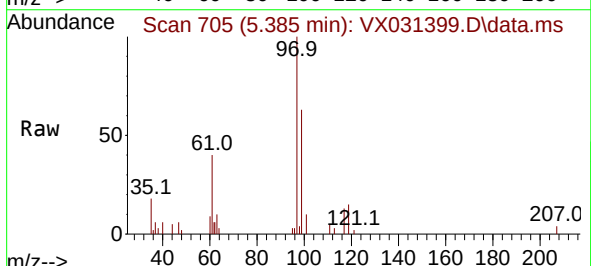
Manual Integrations
APPROVED

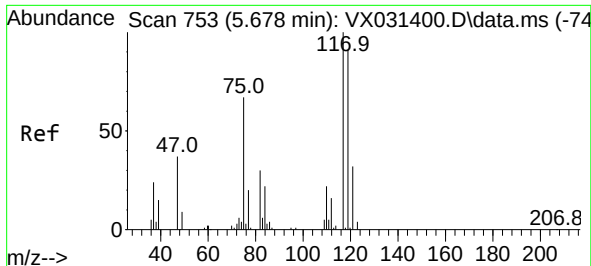
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#32
1,1,1-Trichloroethane
Concen: 6.129 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

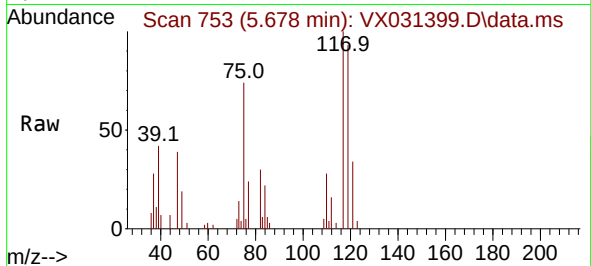
Tgt Ion: 97 Resp: 7903
Ion Ratio Lower Upper
97 100
99 63.0 51.8 77.8
61 45.7 33.4 50.0





#33
Carbon Tetrachloride
Concen: 6.346 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

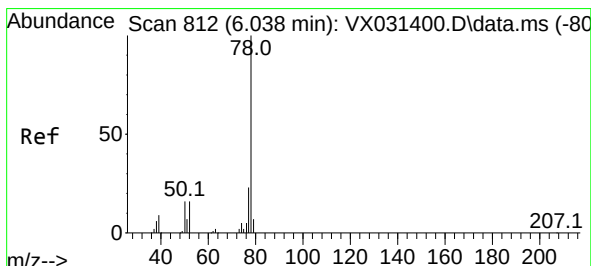
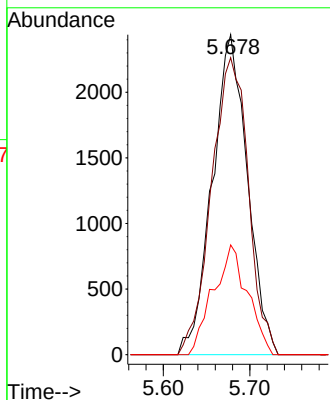
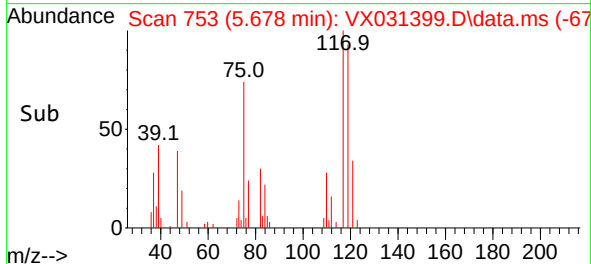
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 117 Resp: 6872
Ion Ratio Lower Upper
117 100
119 92.8 75.3 112.9
121 34.3 24.1 36.1

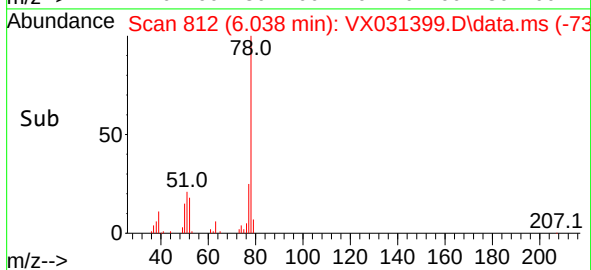
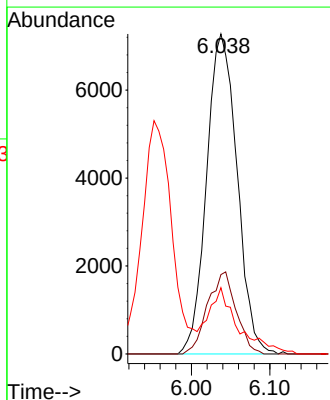
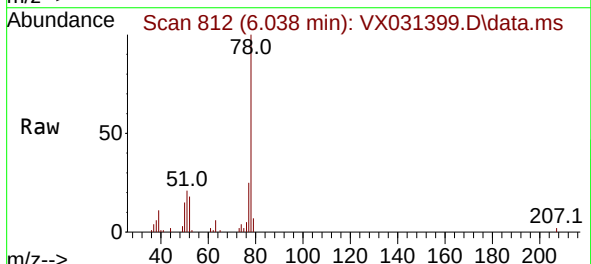
Manual Integrations
APPROVED

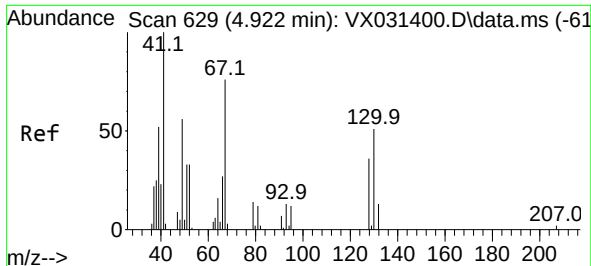
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#34
Benzene
Concen: 5.099 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

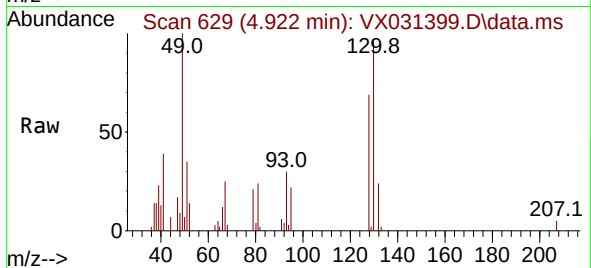
Tgt Ion: 78 Resp: 19651
Ion Ratio Lower Upper
78 100
77 24.8 18.5 27.7
51 18.9 12.9 19.3





#35
Methacrylonitrile
Concen: 4.247 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

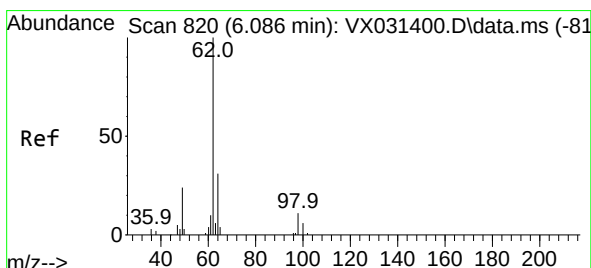
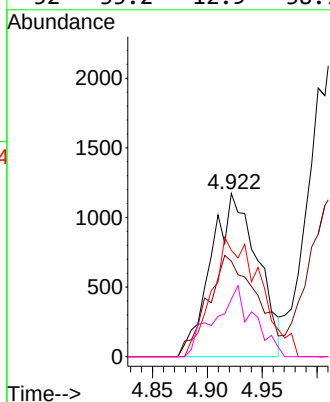
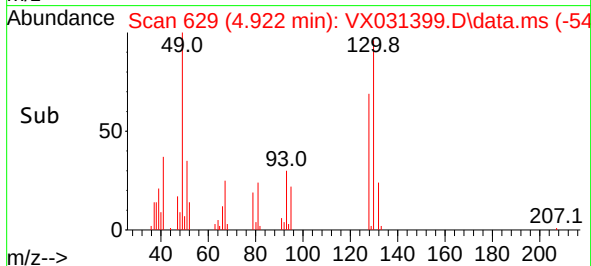
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 41 Resp: 3479
Ion Ratio Lower Upper
41 100
39 58.5 27.0 81.0
67 65.2 33.3 99.8
52 35.2 12.9 38.7

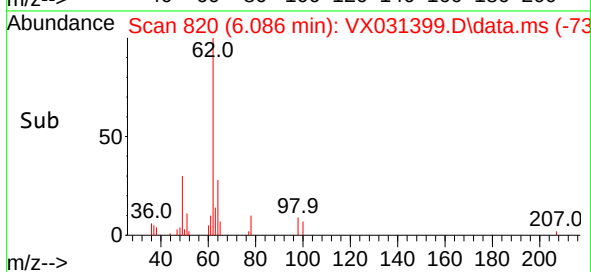
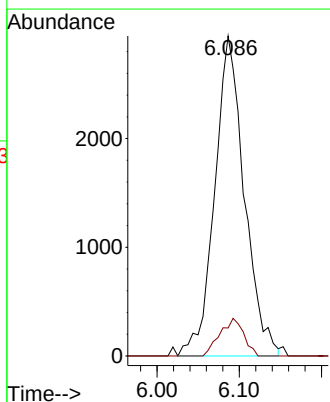
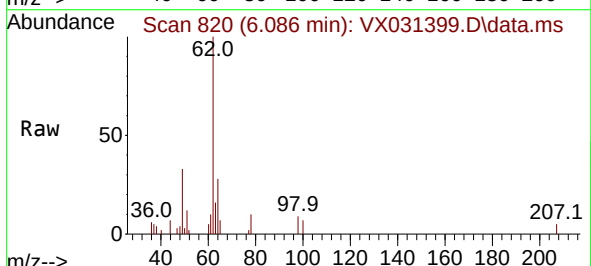
Manual Integrations
APPROVED

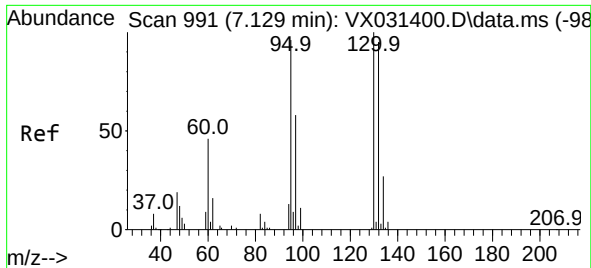
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#36
1,2-Dichloroethane
Concen: 6.280 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

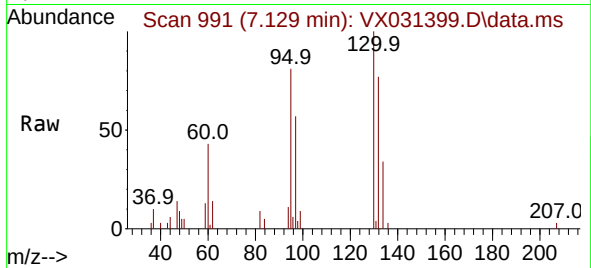
Tgt Ion: 62 Resp: 7367
Ion Ratio Lower Upper
62 100
98 9.4 7.4 11.0





#37
Trichloroethene
Concen: 5.311 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

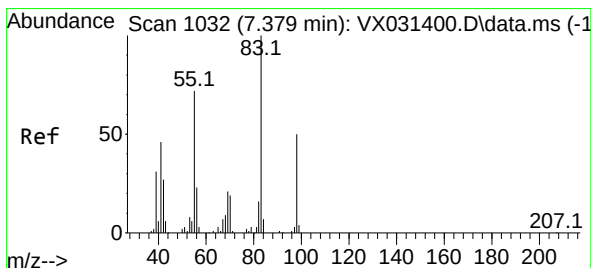
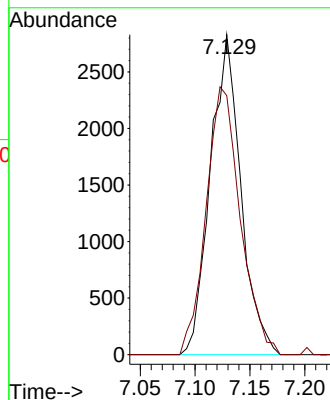
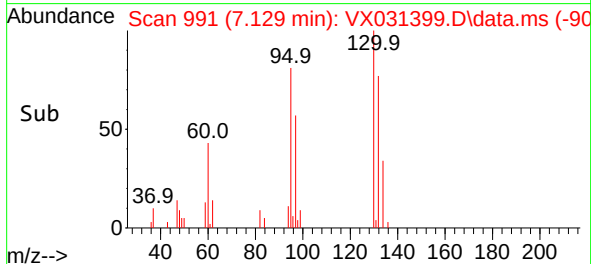
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



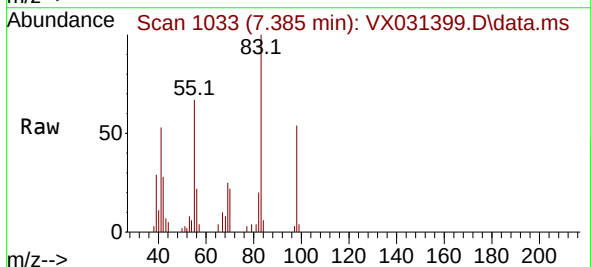
Tgt Ion:130 Resp: 5474
Ion Ratio Lower Upper
130 100
95 80.9 76.5 114.7

Manual Integrations
APPROVED

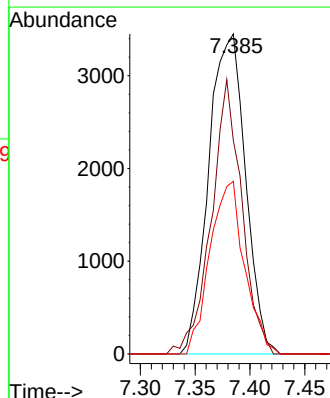
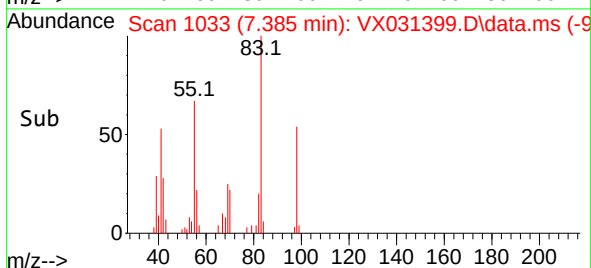
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

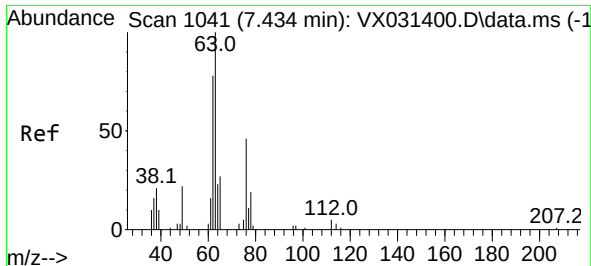


#38
Methylcyclohexane
Concen: 5.181 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14



Tgt Ion: 83 Resp: 8062
Ion Ratio Lower Upper
83 100
55 70.8 37.0 110.9
98 50.6 25.9 77.8





#39

1,2-Dichloropropane

Concen: 4.708 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX031399.D

Acq: 16 Sep 2022 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 4618

Ion Ratio Lower Upper

63 100

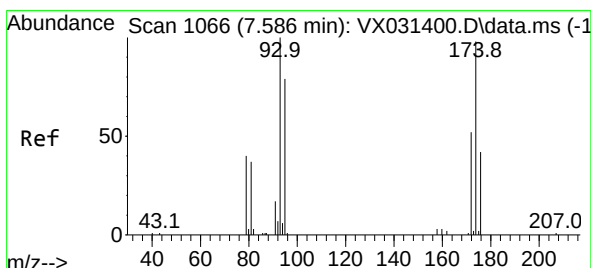
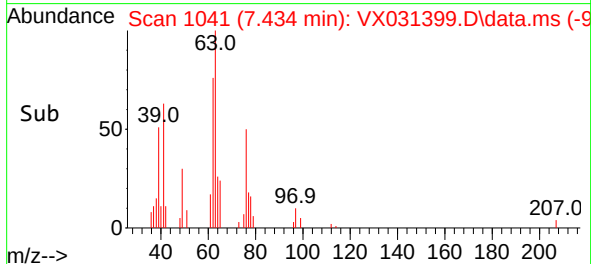
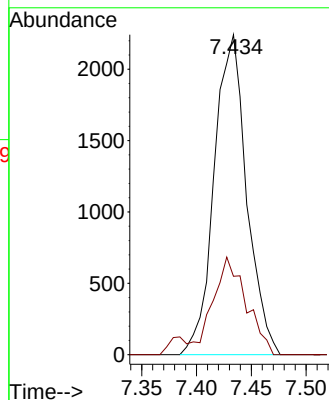
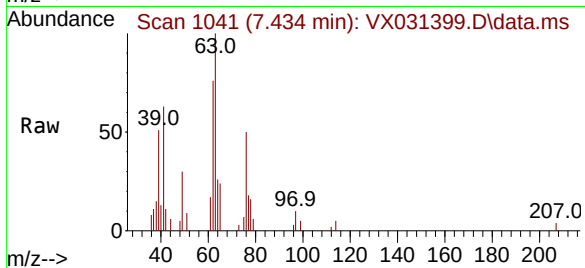
65 24.5 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#40

Dibromomethane

Concen: 5.444 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX031399.D

Acq: 16 Sep 2022 10:14

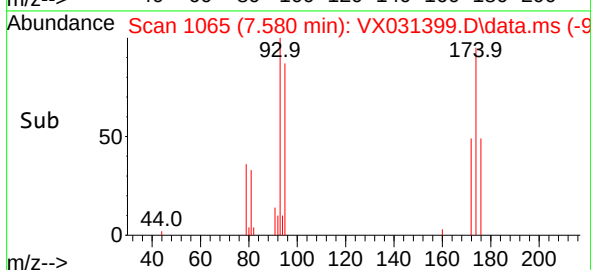
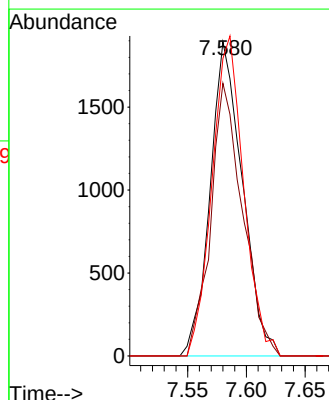
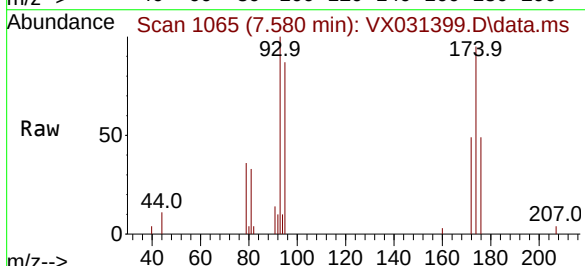
Tgt Ion: 93 Resp: 3620

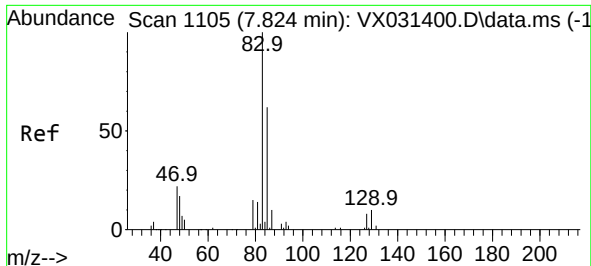
Ion Ratio Lower Upper

93 100

95 85.4 0.0 168.8

174 99.6 0.0 220.8





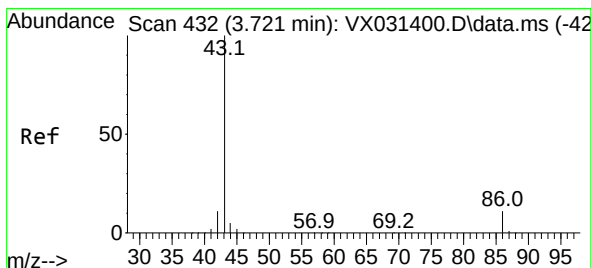
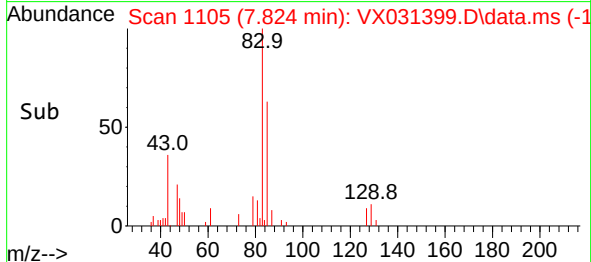
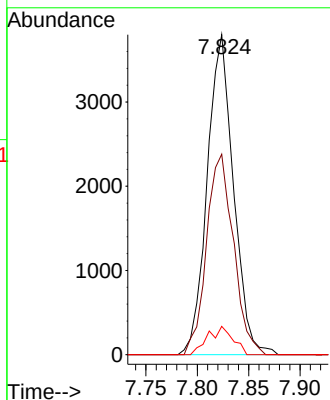
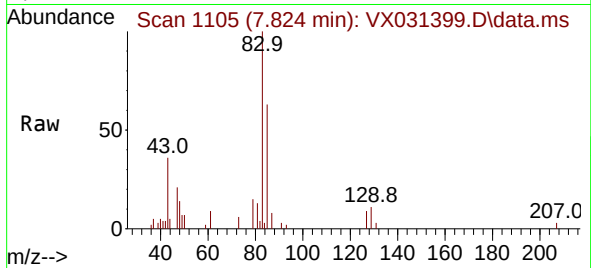
#41
Bromodichloromethane
Concen: 5.686 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 6754
Ion Ratio Lower Upper
83 100
85 62.7 50.6 75.8
127 8.9 7.0 10.6

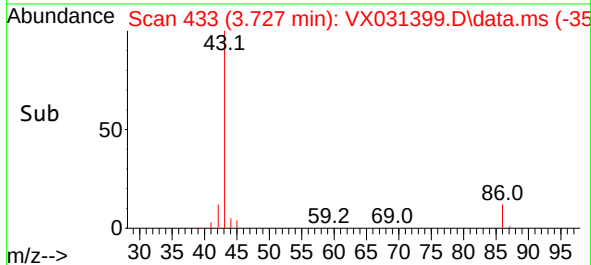
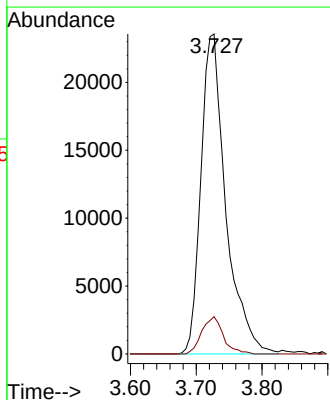
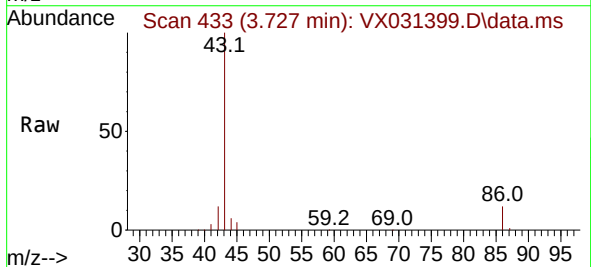
Manual Integrations
APPROVED

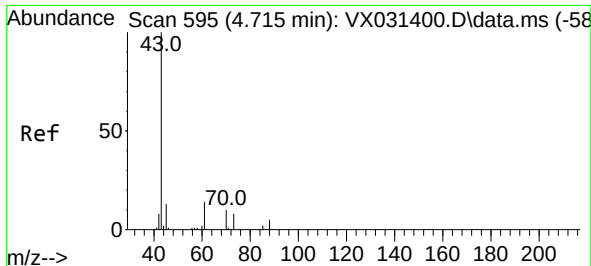
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#42
Vinyl Acetate
Concen: 23.987 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

Tgt Ion: 43 Resp: 62088
Ion Ratio Lower Upper
43 100
86 10.1 8.5 12.7





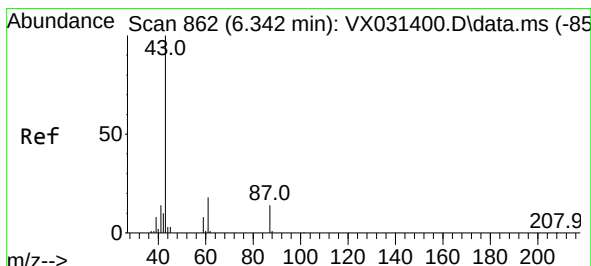
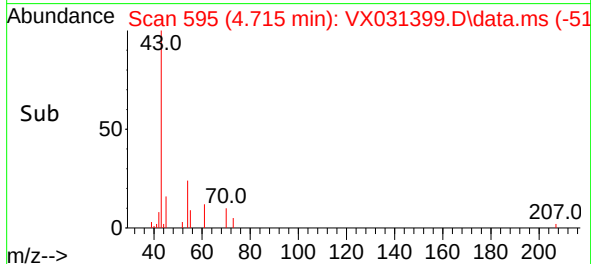
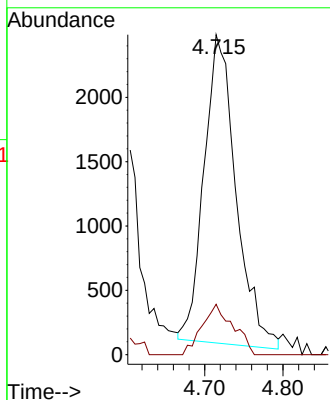
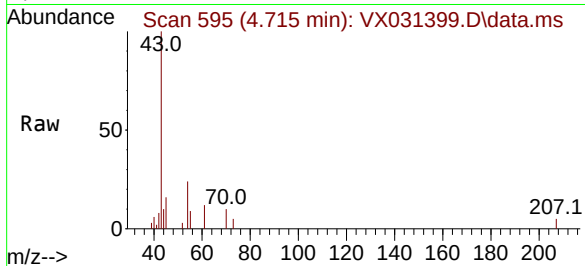
#43
Ethyl Acetate
Concen: 4.469 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 681
Ion Ratio Lower Upper
43 100
45 13.6 11.8 17.6

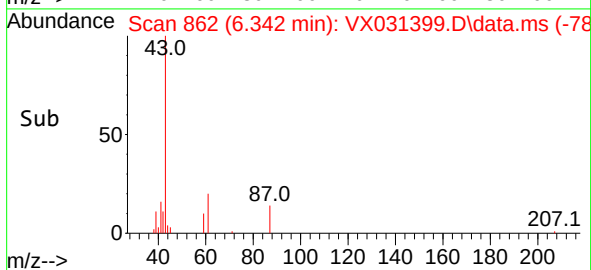
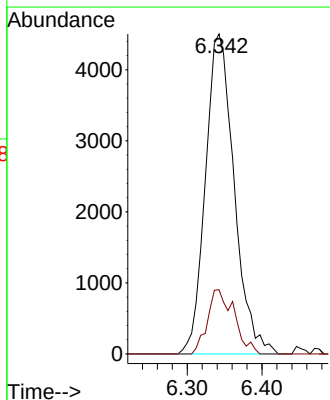
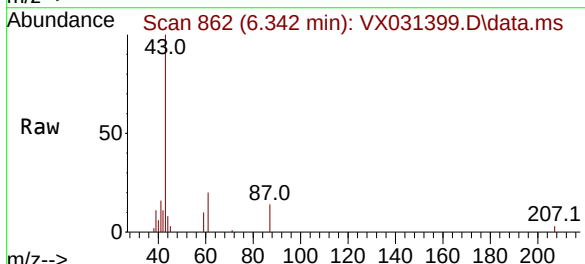
Manual Integrations
APPROVED

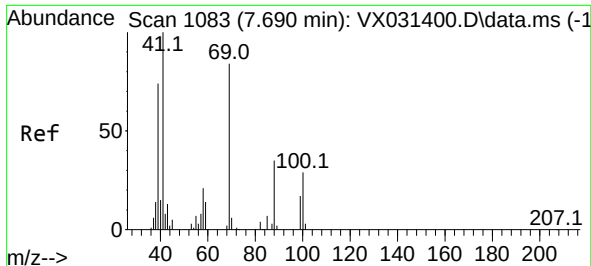
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#44
Isopropyl Acetate
Concen: 5.207 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

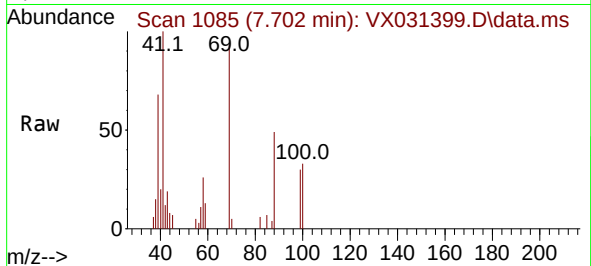
Tgt Ion: 43 Resp: 12060
Ion Ratio Lower Upper
43 100
61 13.3 17.0 25.4#





#45
1,4-Dioxane
Concen: 103.974 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.024 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

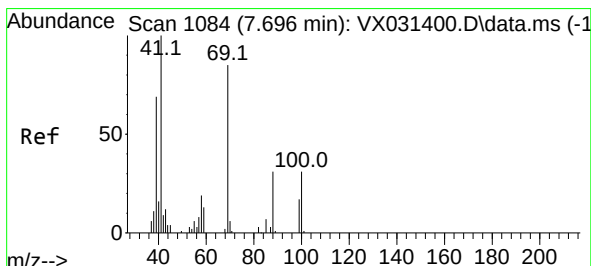
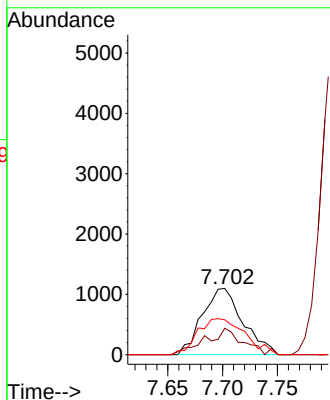
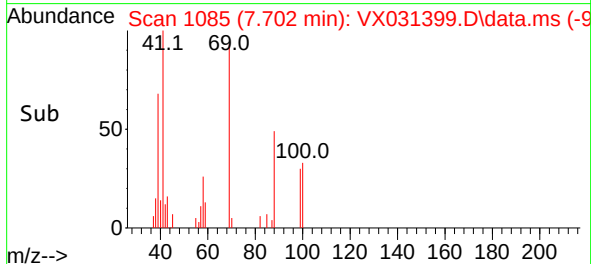
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 88 Resp: 282
Ion Ratio Lower Upper
88 100
43 23.1 25.8 38.6
58 62.8 54.8 82.2

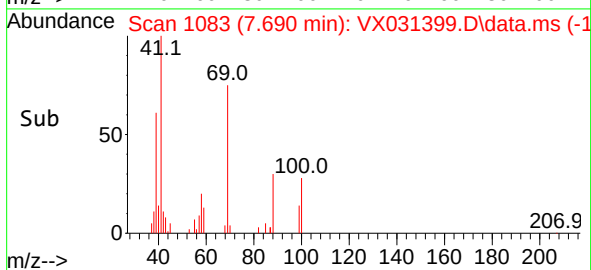
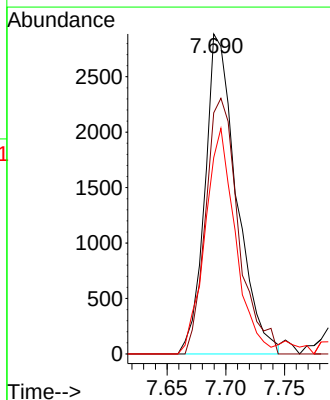
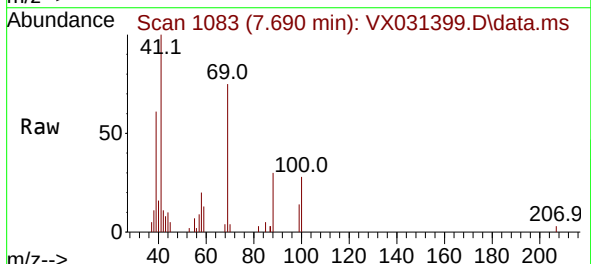
Manual Integrations
APPROVED

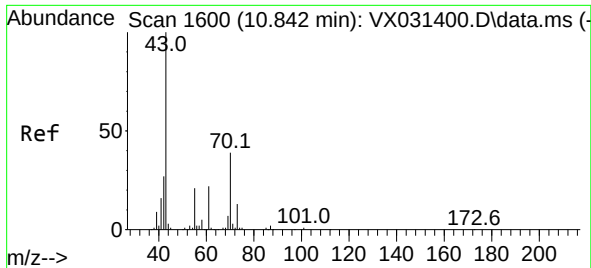
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#46
Methyl methacrylate
Concen: 4.933 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

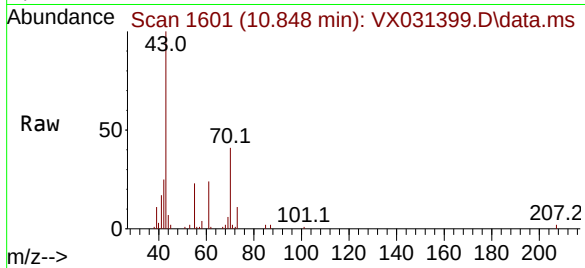
Tgt Ion: 41 Resp: 5414
Ion Ratio Lower Upper
41 100
69 75.3 41.9 125.8
39 61.3 27.5 82.5





#47
n-amy1 Acetate
Concen: 4.601 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

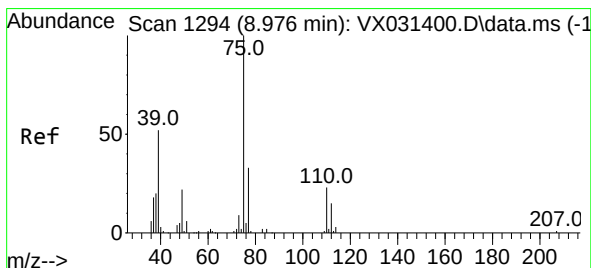
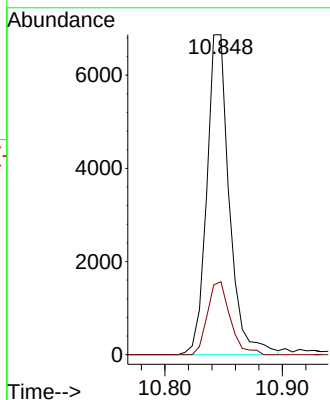
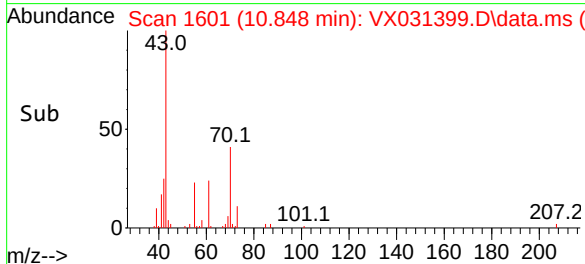
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 9154
Ion Ratio Lower Upper
43 100
55 22.5 20.4 30.6

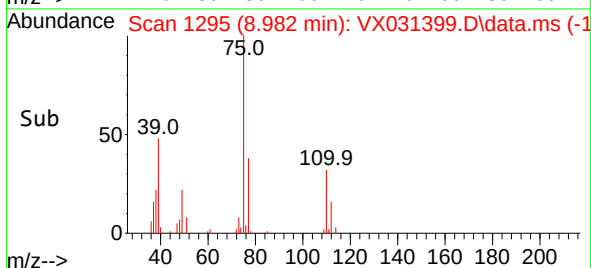
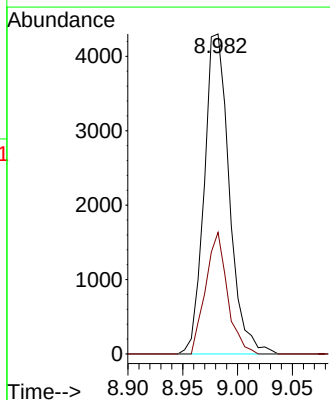
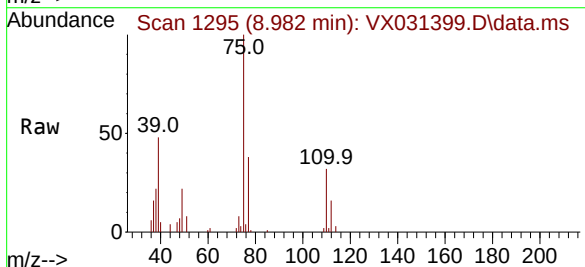
Manual Integrations
APPROVED

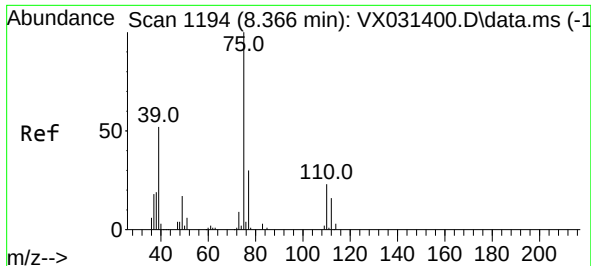
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#48
t-1,3-Dichloropropene
Concen: 5.219 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

Tgt Ion: 75 Resp: 6850
Ion Ratio Lower Upper
75 100
77 38.0 26.6 40.0





#49

cis-1,3-Dichloropropene

Concen: 5.172 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031399.D

Acq: 16 Sep 2022 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

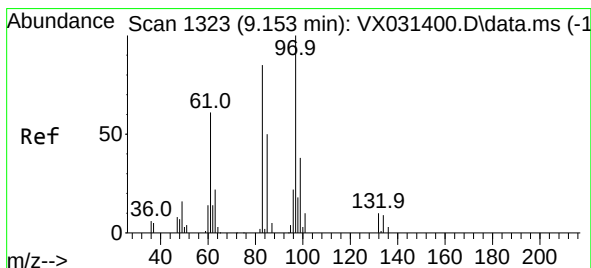
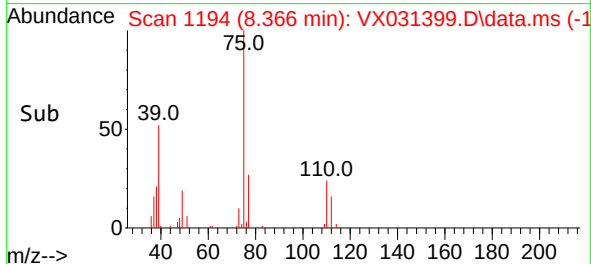
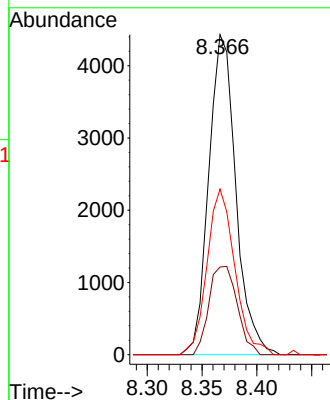
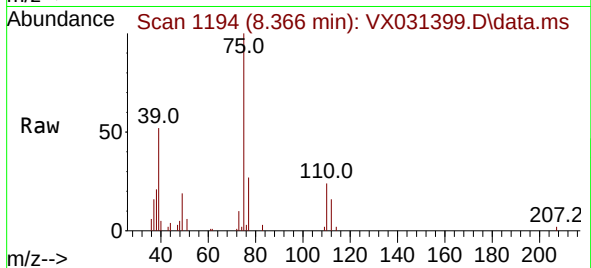
Tgt Ion: 75	Resp: 7624
Ion Ratio	Lower Upper
75 100	
77 27.4	25.2 37.8
39 51.8	37.4 56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#50

1,1,2-Trichloroethane

Concen: 5.224 ug/l

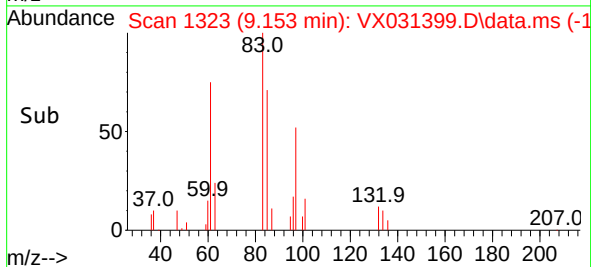
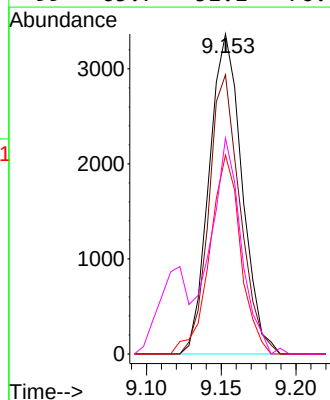
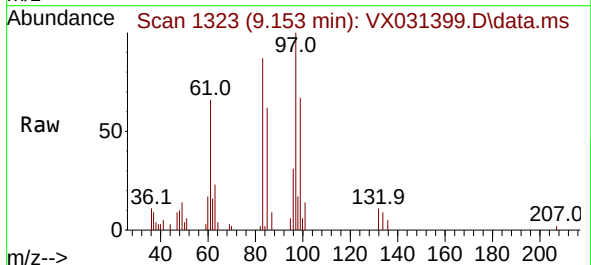
RT: 9.153 min Scan# 1323

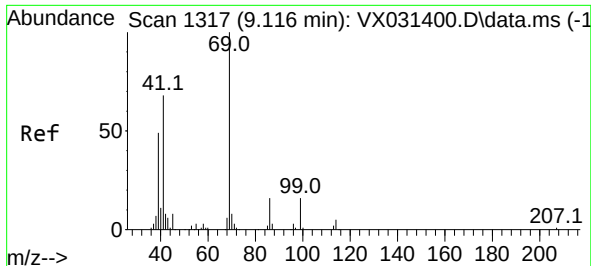
Delta R.T. 0.000 min

Lab File: VX031399.D

Acq: 16 Sep 2022 10:14

Tgt Ion: 97	Resp: 5146
Ion Ratio	Lower Upper
97 100	
83 87.3	66.2 99.4
85 62.2	40.4 60.6#
99 65.7	51.1 76.7





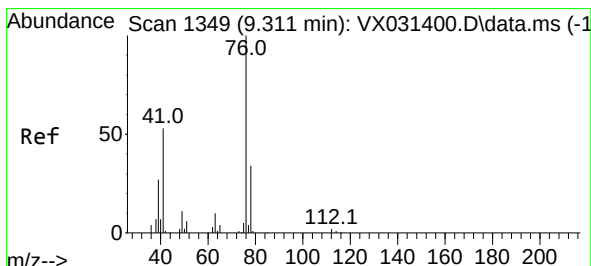
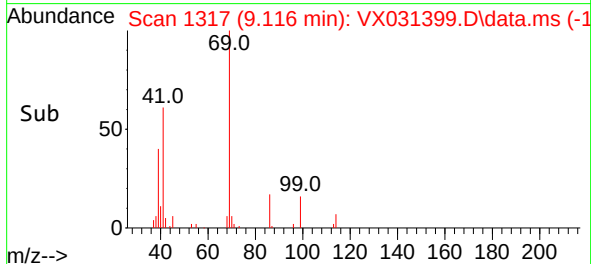
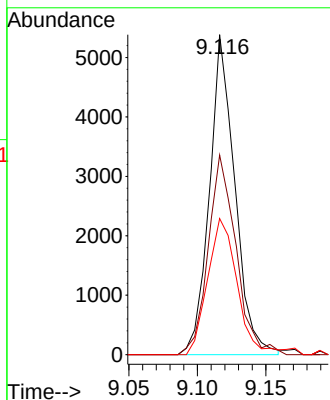
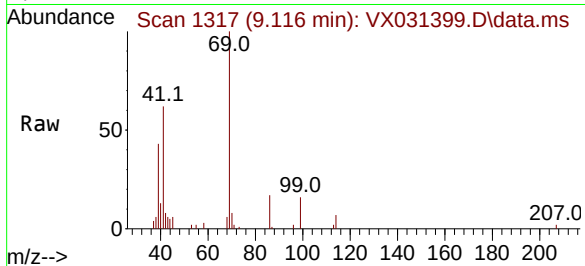
#51
Ethyl methacrylate
Concen: 4.529 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 69 Resp: 694.3
Ion Ratio Lower Upper
69 100
41 62.4 32.1 96.5
39 42.6 18.3 54.9

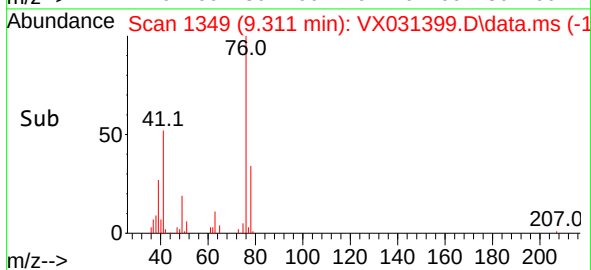
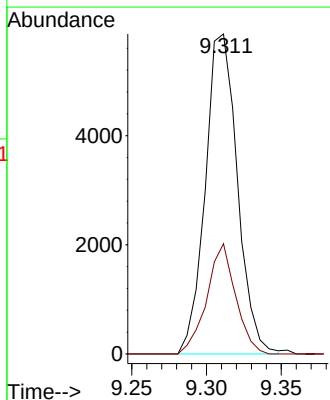
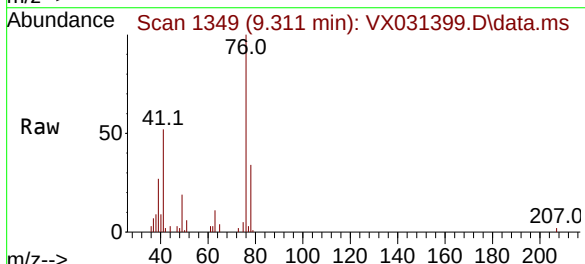
Manual Integrations
APPROVED

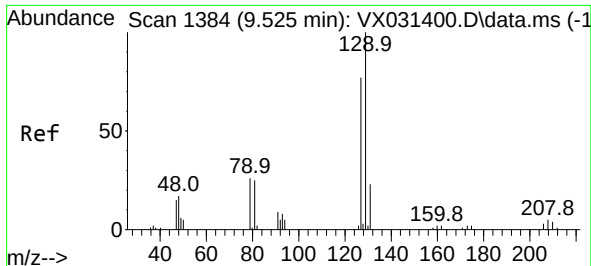
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#52
1,3-Dichloropropane
Concen: 5.528 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

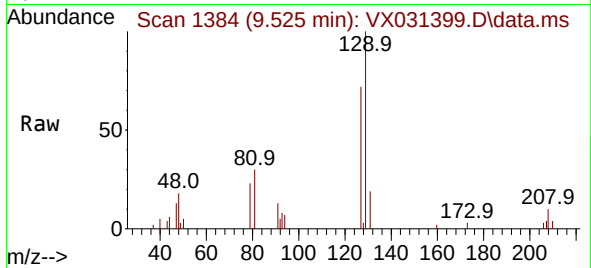
Tgt Ion: 76 Resp: 8759
Ion Ratio Lower Upper
76 100
78 30.9 0.0 64.4





#53
Dibromochloromethane
Concen: 5.366 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

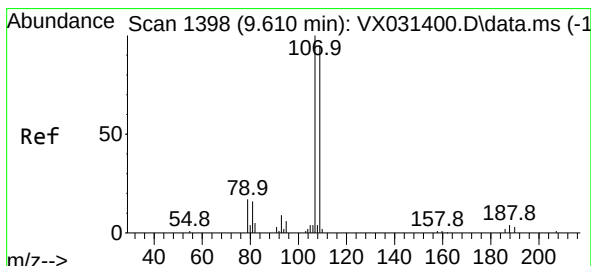
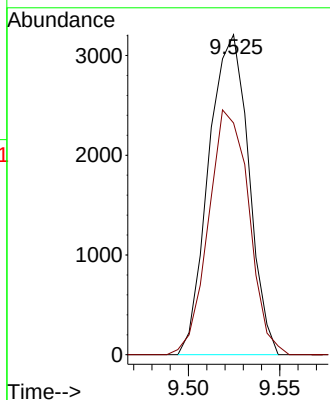
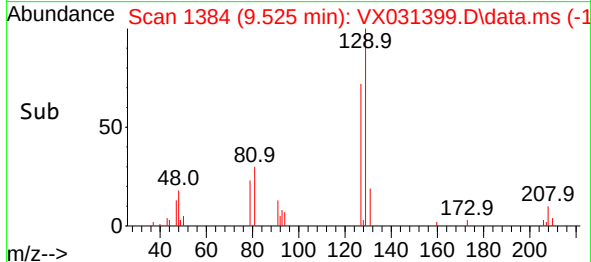
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



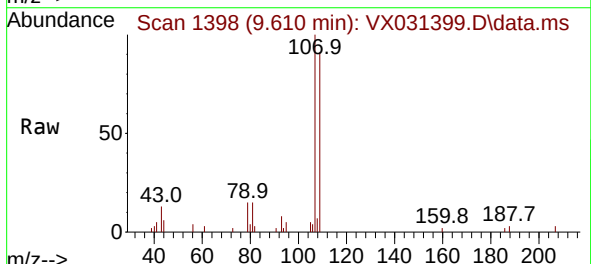
Tgt Ion:129 Resp: 489
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.1

Manual Integrations
APPROVED

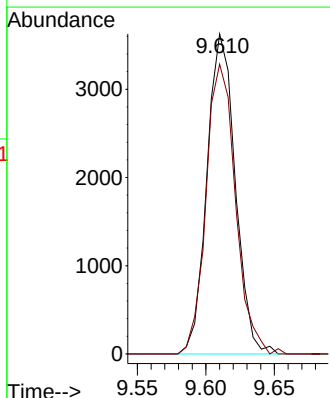
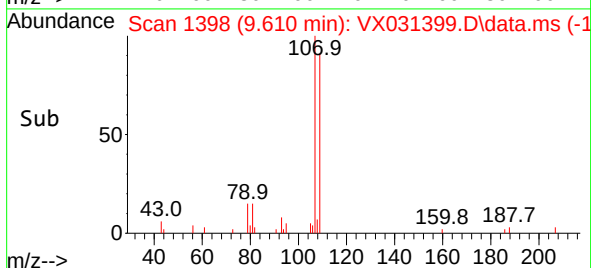
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

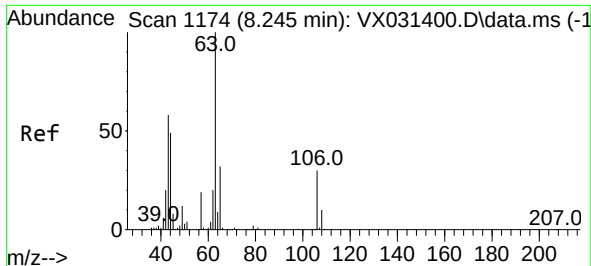


#54
1,2-Dibromoethane
Concen: 5.100 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14



Tgt Ion:107 Resp: 5217
Ion Ratio Lower Upper
107 100
109 93.8 76.2 114.4





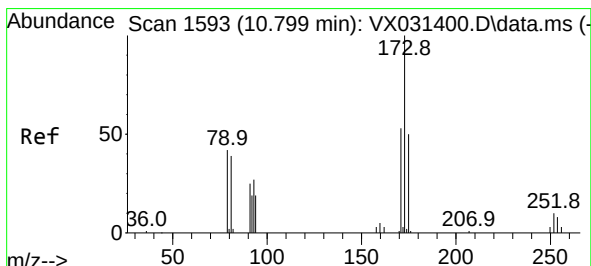
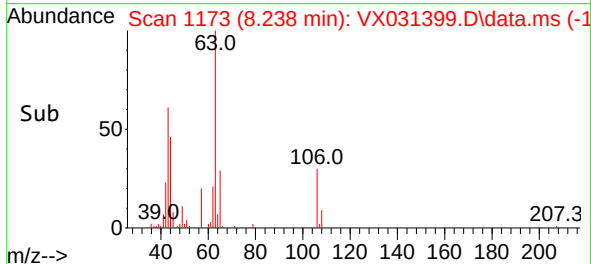
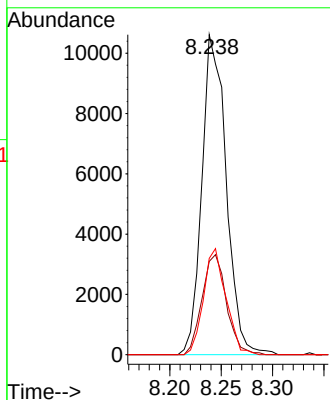
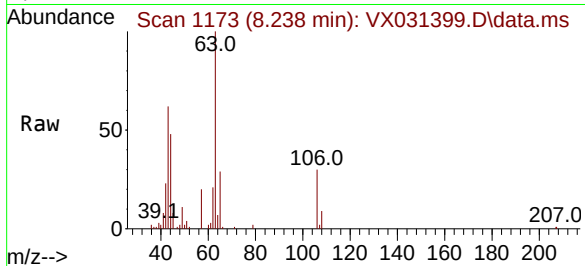
#55
2-Chloroethyl vinyl ether
Concen: 22.160 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 1751
Ion Ratio Lower Upper
63 100
65 31.4 25.9 38.9
106 30.5 25.8 38.6

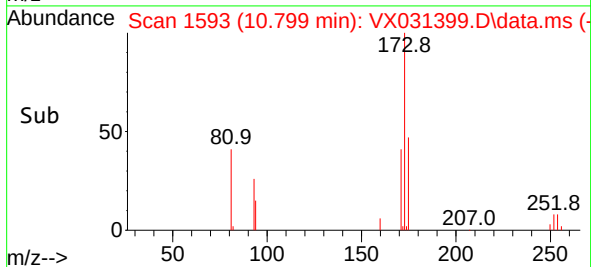
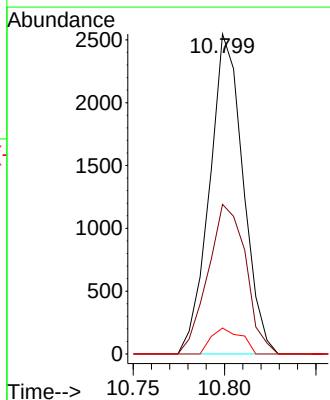
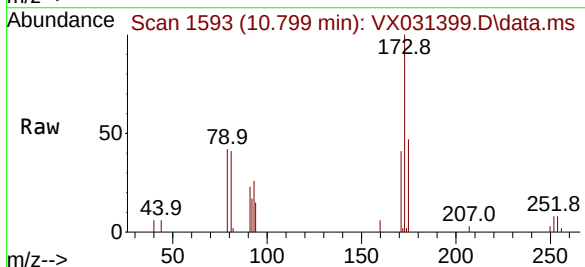
Manual Integrations
APPROVED

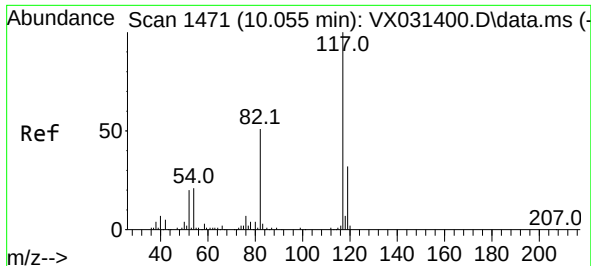
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#56
Bromoform
Concen: 5.093 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

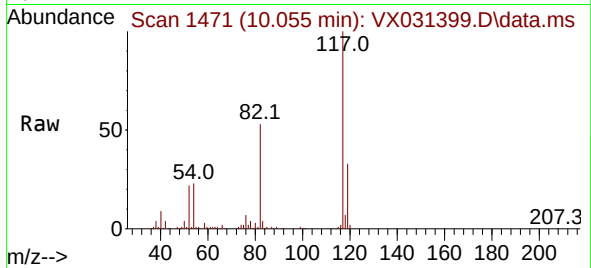
Tgt Ion:173 Resp: 3251
Ion Ratio Lower Upper
173 100
175 52.8 40.3 60.5
254 7.3 7.4 11.2#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

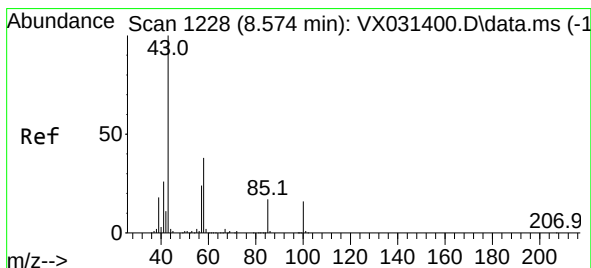
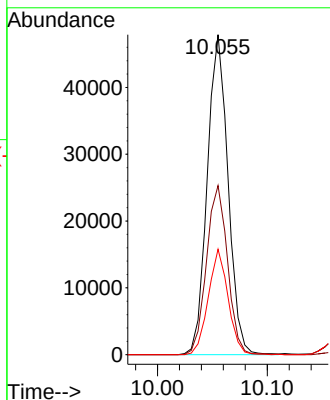
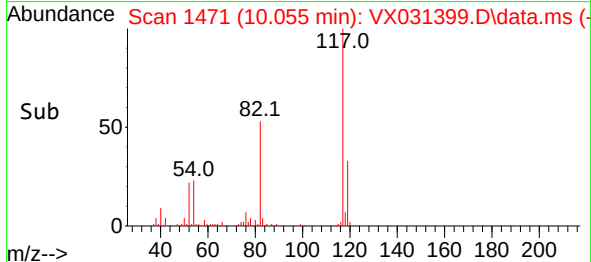
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 117 Resp: 63138
Ion Ratio Lower Upper
117 100
82 53.4 42.3 63.5
119 31.4 26.2 39.2

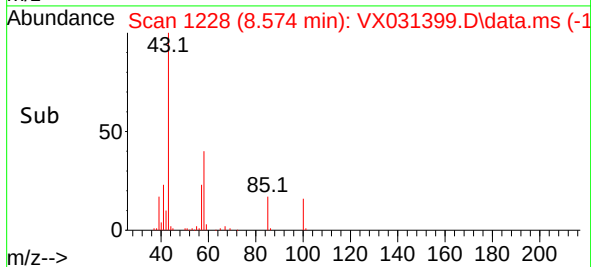
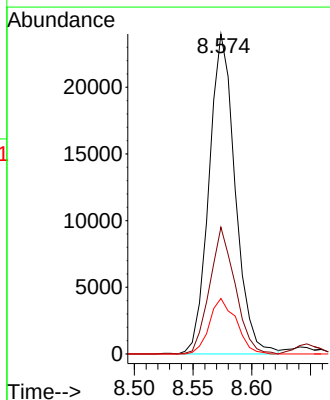
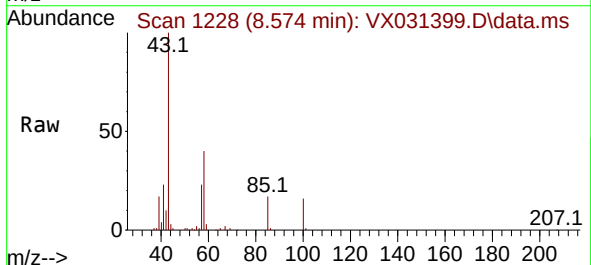
Manual Integrations
APPROVED

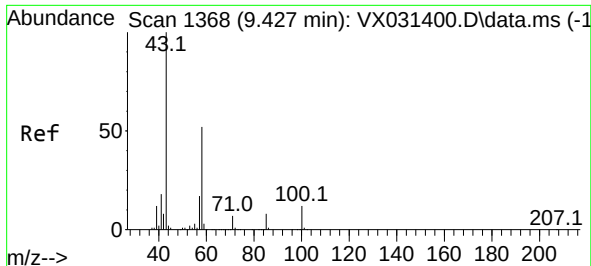
Reviewed By : John Carlone 09/17/2022
Supervised By : Mahesh Dadoda 09/19/2022



#58
4-Methyl-2-Pentanone
Concen: 23.844 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

Tgt Ion: 43 Resp: 37186
Ion Ratio Lower Upper
43 100
58 38.6 31.8 47.6
85 17.8 15.8 23.6





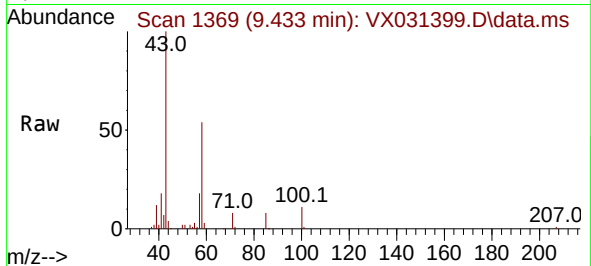
#59
2-Hexanone
Concen: 23.651 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



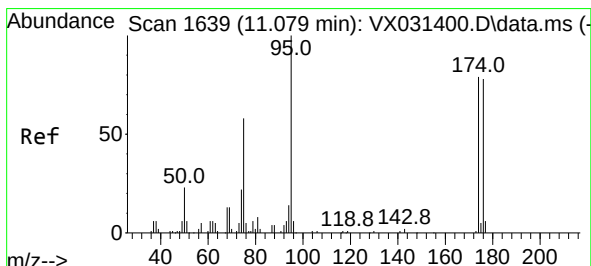
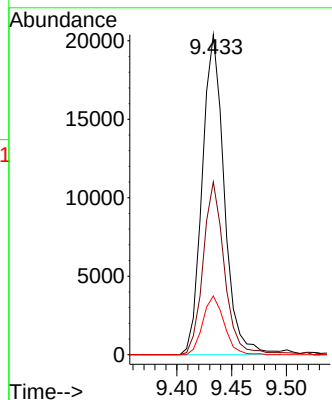
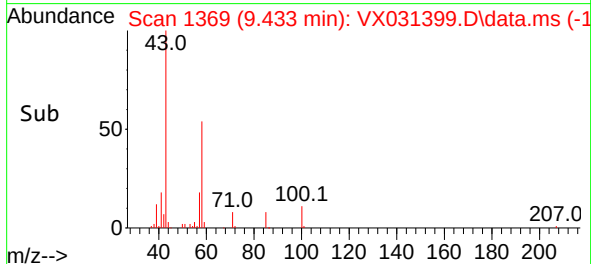
Tgt Ion: 43 Resp: 28529
Ion Ratio Lower Upper
43 100
58 52.0 44.1 66.1
57 17.6 16.2 24.2

Manual Integrations

APPROVED

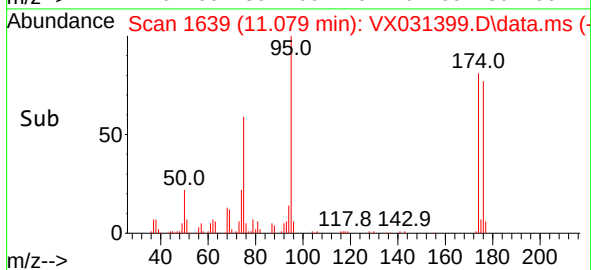
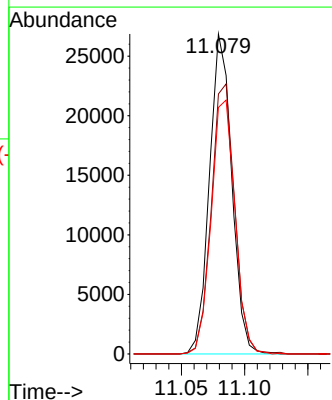
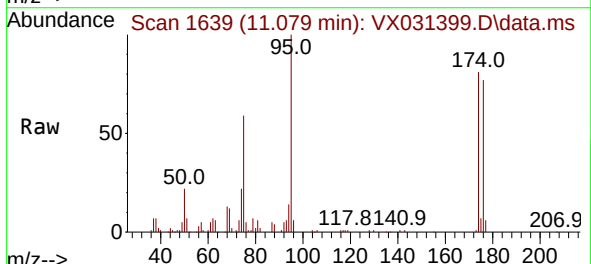
Reviewed By :John Carlone 09/17/2022

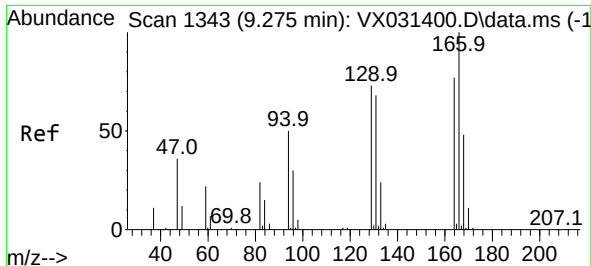
Supervised By :Mahesh Dadoda 09/19/2022



#60
4-Bromofluorobenzene
Concen: 27.727 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

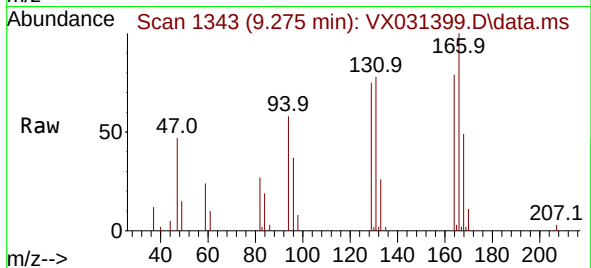
Tgt Ion: 95 Resp: 32992
Ion Ratio Lower Upper
95 100
174 88.8 65.4 98.2
176 84.7 63.4 95.0





#61
Tetrachloroethene
Concen: 5.514 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

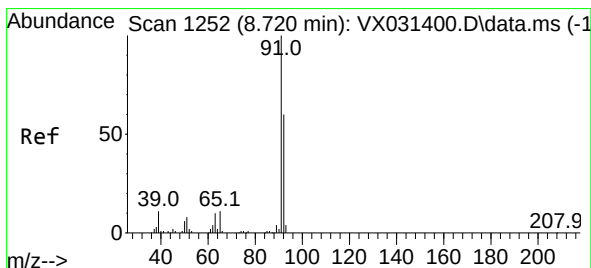
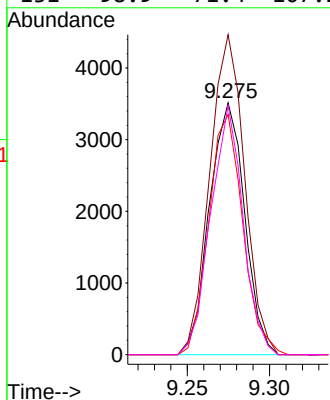
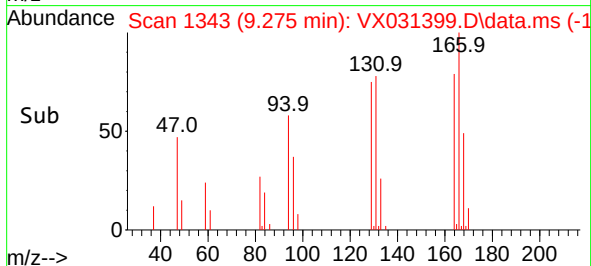
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



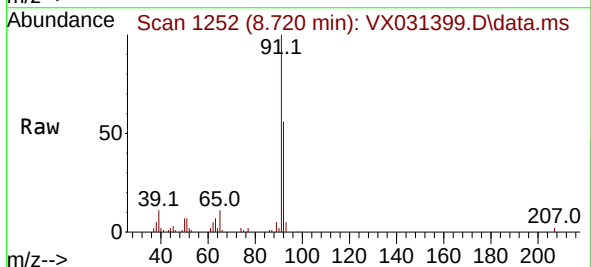
Tgt Ion:164 Resp: 522
Ion Ratio Lower Upper
164 100
166 127.1 105.0 157.6
129 95.4 78.5 117.7
131 98.9 71.4 107.2

Manual Integrations
APPROVED

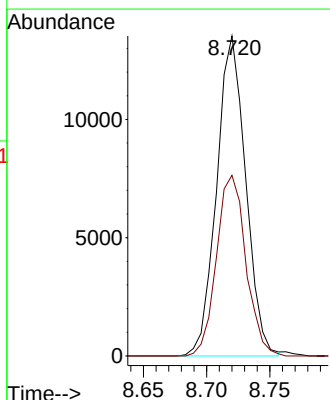
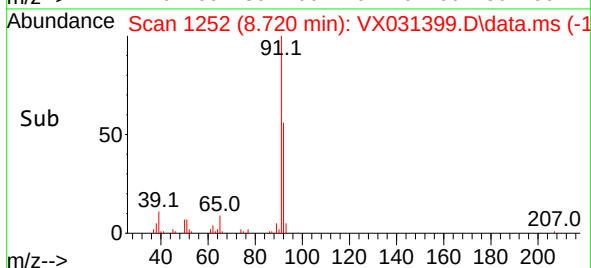
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

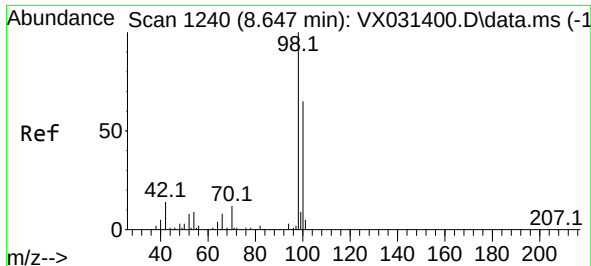


#62
Toluene
Concen: 5.141 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14



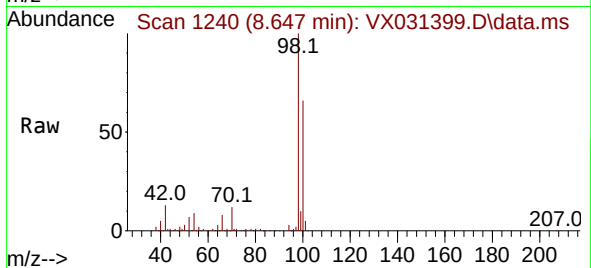
Tgt Ion: 91 Resp: 21592
Ion Ratio Lower Upper
91 100
92 57.1 48.1 72.1





#63
Toluene-d8
Concen: 30.081 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

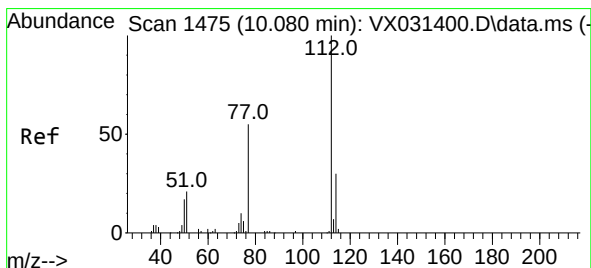
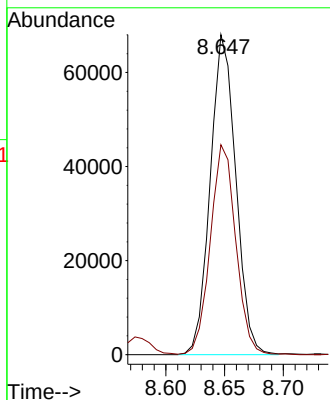
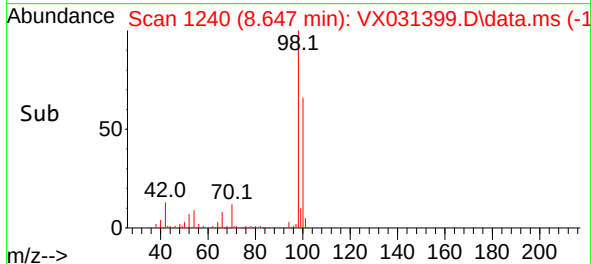
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 98 Resp: 10298
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.2

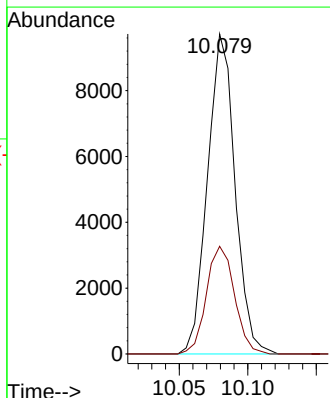
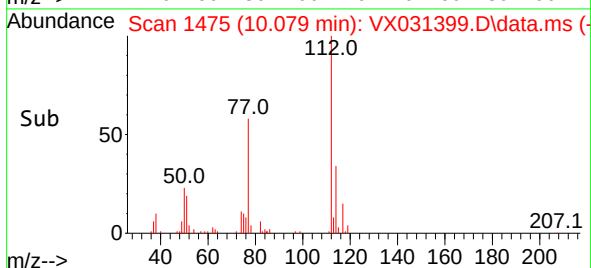
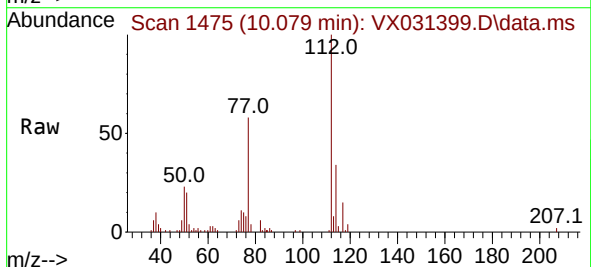
Manual Integrations
APPROVED

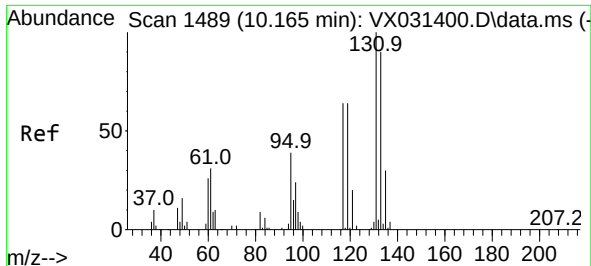
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#64
Chlorobenzene
Concen: 5.424 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

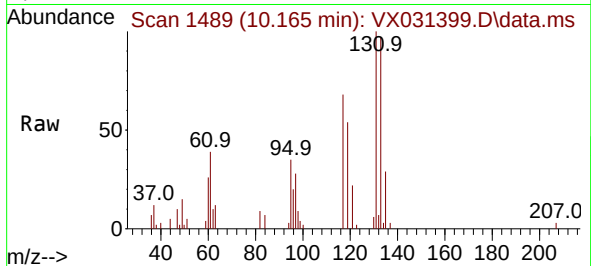
Tgt Ion:112 Resp: 13604
Ion Ratio Lower Upper
112 100
114 33.6 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 5.394 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

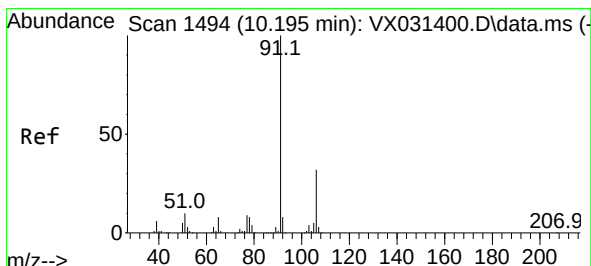
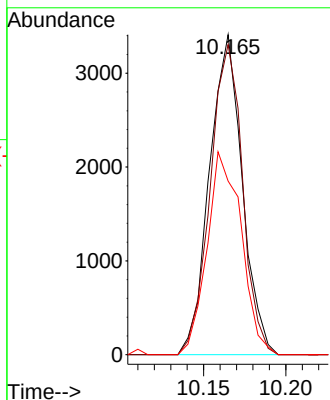
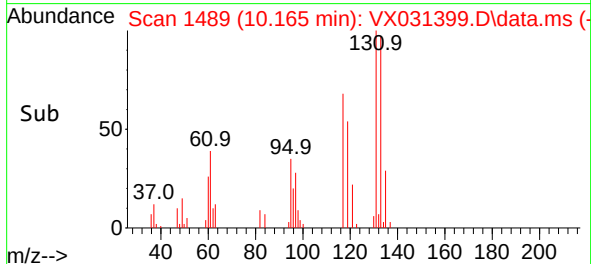
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



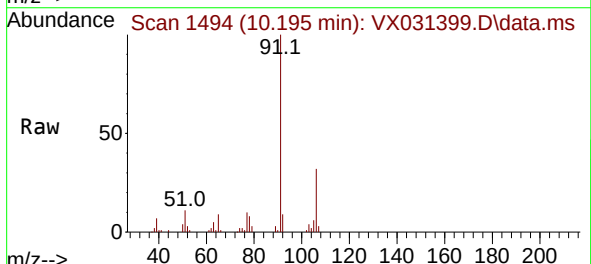
Tgt Ion:131 Resp: 4718
Ion Ratio Lower Upper
131 100
133 95.7 0.0 197.2
119 66.2 0.0 127.4

Manual Integrations
APPROVED

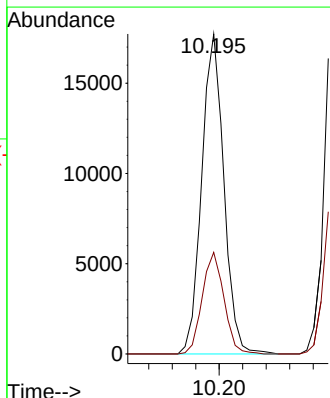
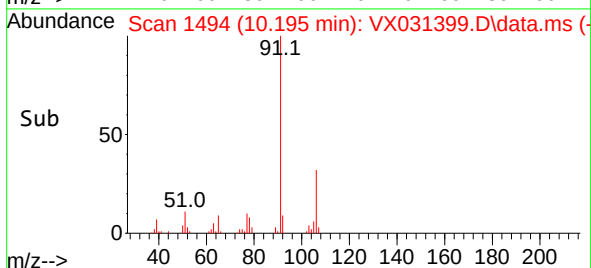
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

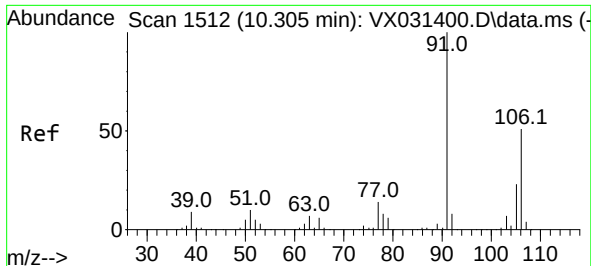


#66
Ethyl Benzene
Concen: 5.199 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14



Tgt Ion: 91 Resp: 23203
Ion Ratio Lower Upper
91 100
106 31.8 25.8 38.8





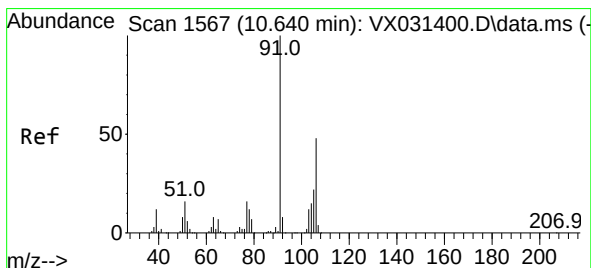
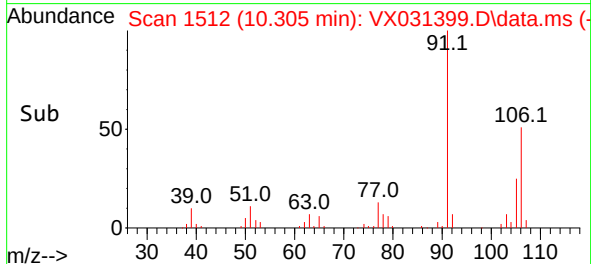
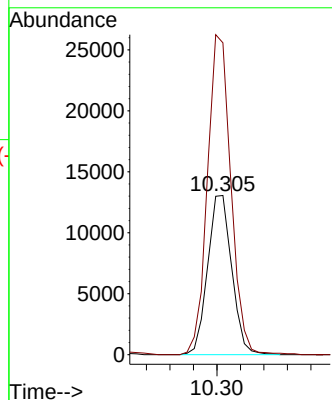
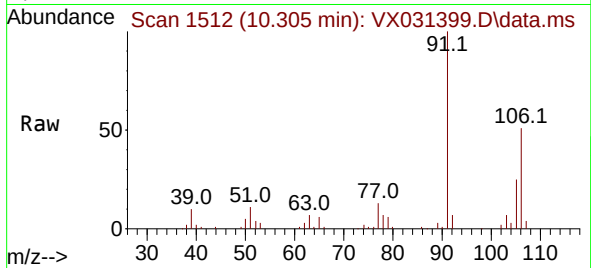
#67
m/p-Xylenes
Concen: 10.739 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 18599
Ion Ratio Lower Upper
106 100
91 196.0 159.5 239.3

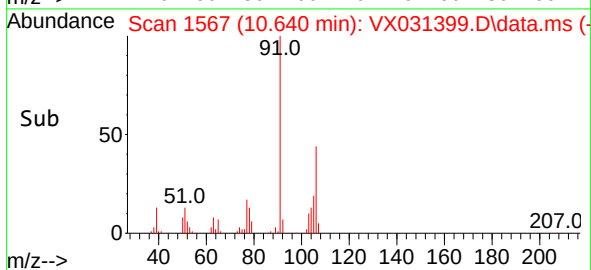
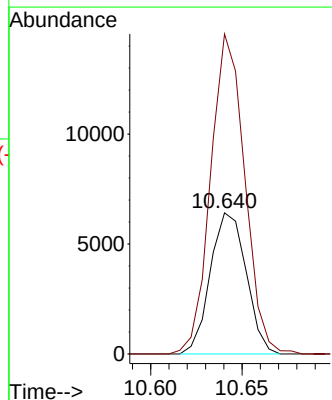
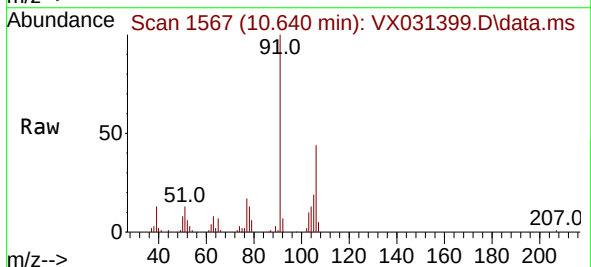
Manual Integrations
APPROVED

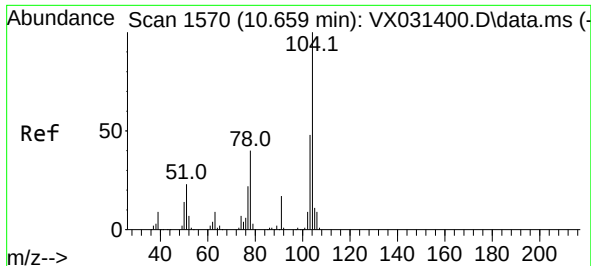
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#68
o-Xylene
Concen: 5.083 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

Tgt Ion:106 Resp: 8767
Ion Ratio Lower Upper
106 100
91 215.5 105.4 316.2





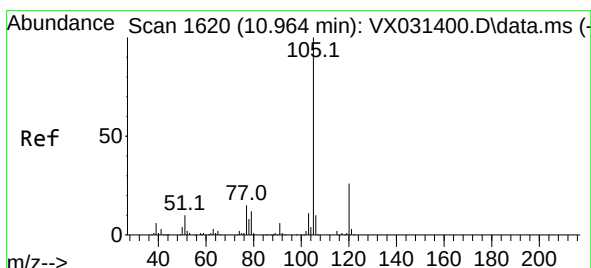
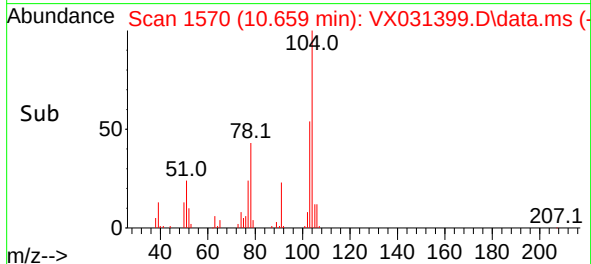
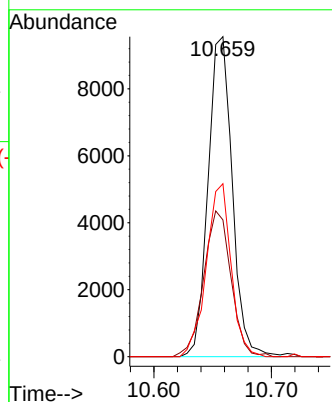
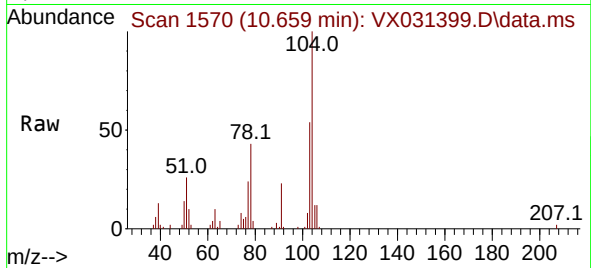
#69
Styrene
Concen: 4.791 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:104 Resp: 1367
Ion Ratio Lower Upper
104 100
78 51.2 39.7 59.5
103 55.2 42.7 64.1

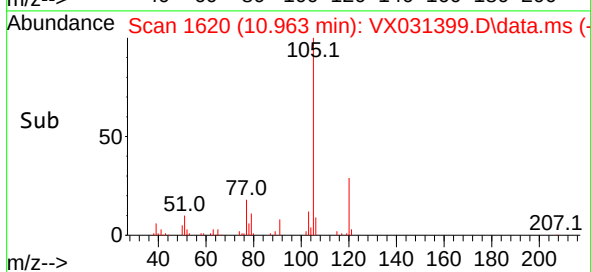
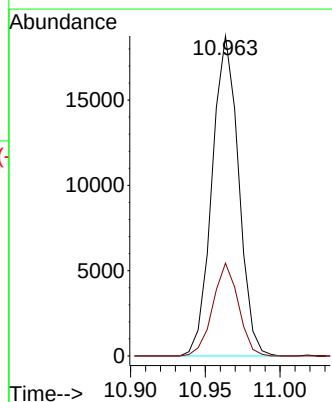
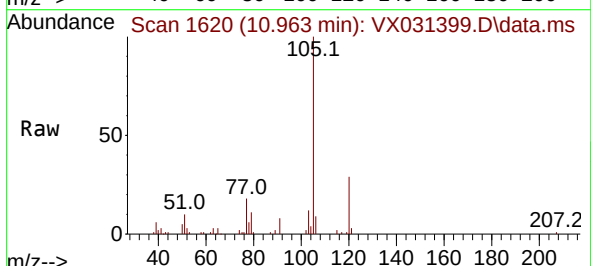
Manual Integrations
APPROVED

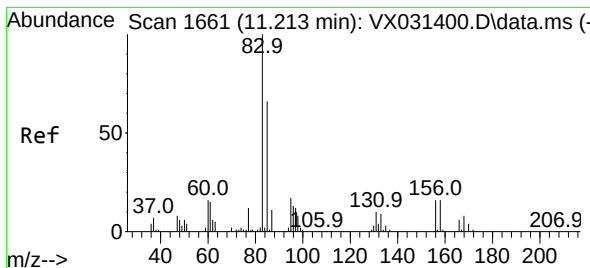
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#70
Isopropylbenzene
Concen: 5.339 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

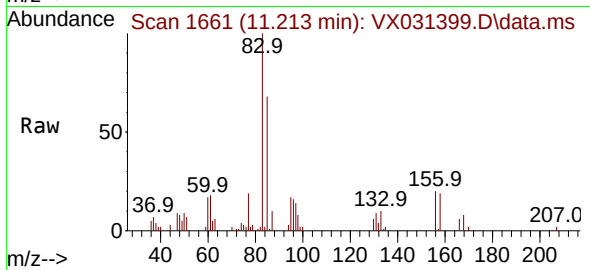
Tgt Ion:105 Resp: 23186
Ion Ratio Lower Upper
105 100
120 27.9 18.8 34.8





#71
1,1,2,2-Tetrachloroethane
Concen: 4.947 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

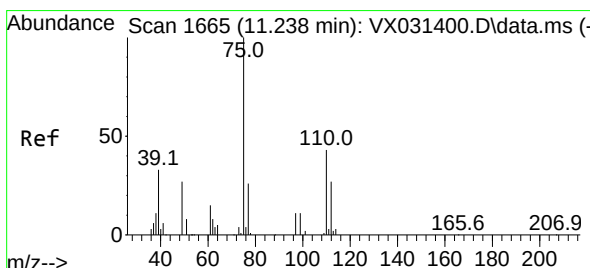
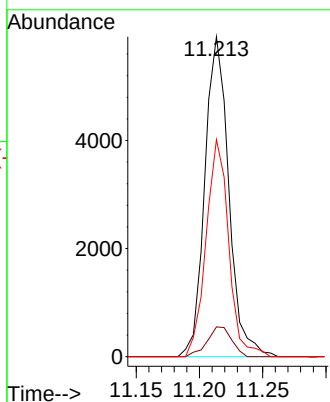
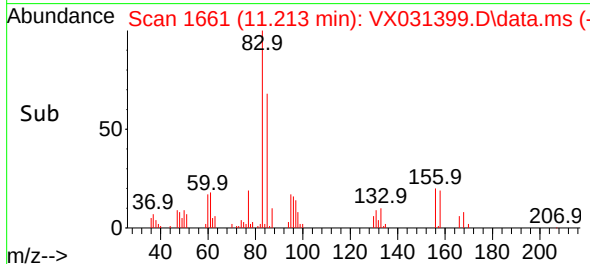
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



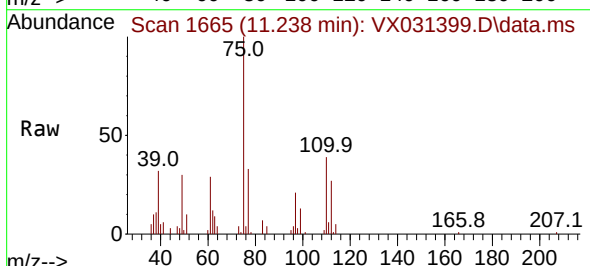
Tgt Ion: 83 Resp: 7812
Ion Ratio Lower Upper
83 100
131 9.5 5.8 17.3
85 64.0 32.0 96.2

Manual Integrations
APPROVED

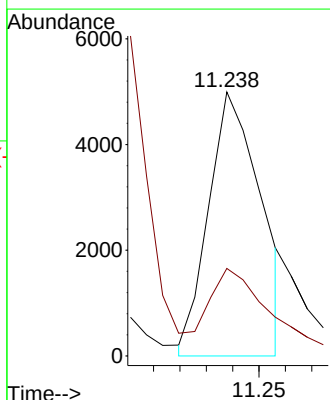
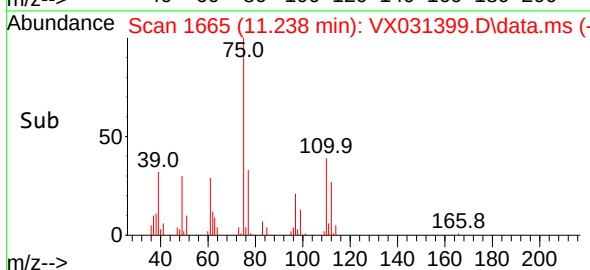
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

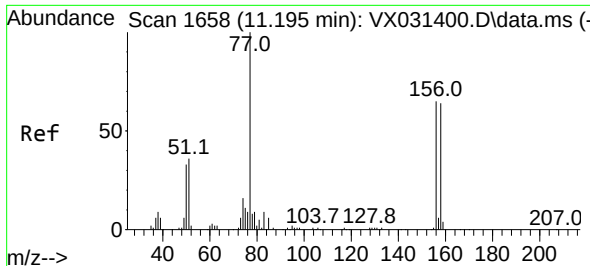


#72
1,2,3-Trichloropropane
Concen: 4.814 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14



Tgt Ion: 75 Resp: 6833
Ion Ratio Lower Upper
75 100
77 41.1 0.0 78.6





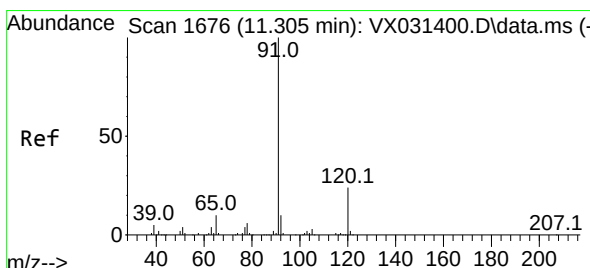
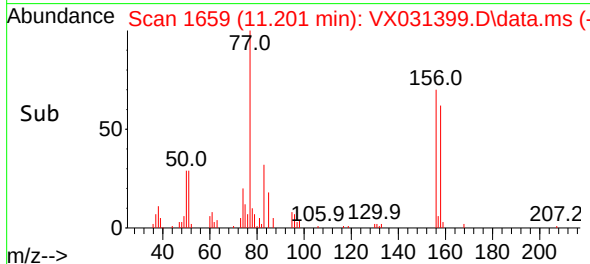
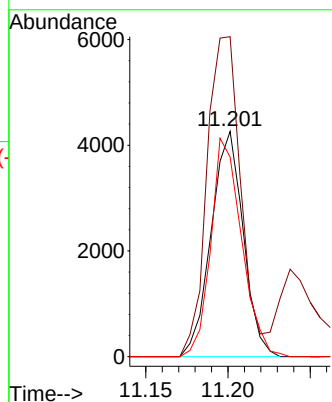
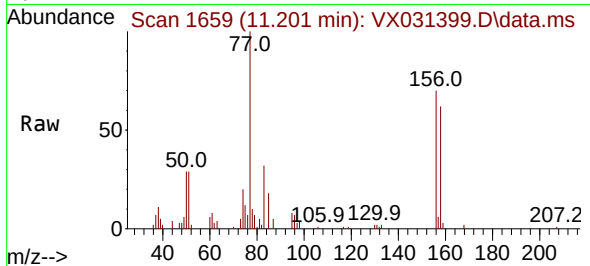
#73
Bromobenzene
Concen: 5.544 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 577
Ion Ratio Lower Upper
156 100
77 148.1 0.0 297.6
158 93.1 0.0 188.4

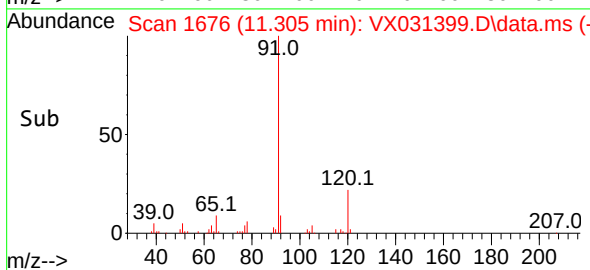
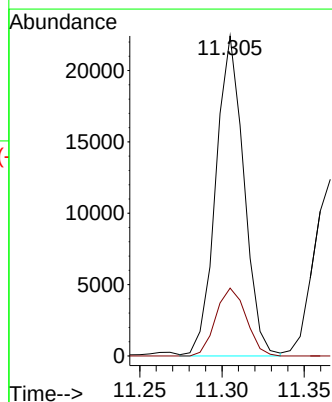
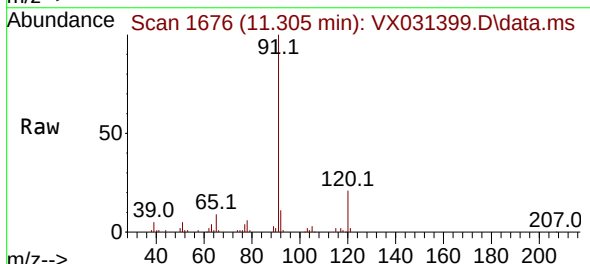
Manual Integrations
APPROVED

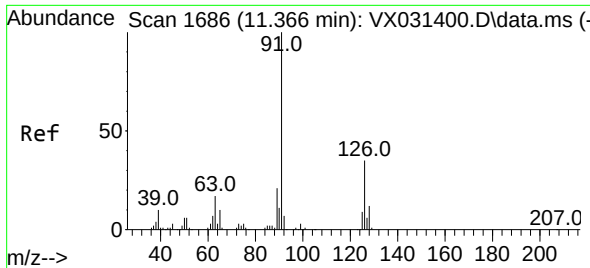
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#74
n-propylbenzene
Concen: 5.121 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

Tgt Ion: 91 Resp: 26677
Ion Ratio Lower Upper
91 100
120 22.8 0.0 48.0





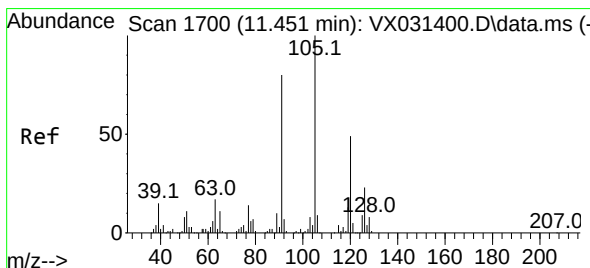
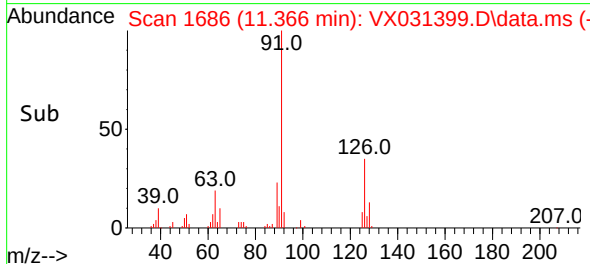
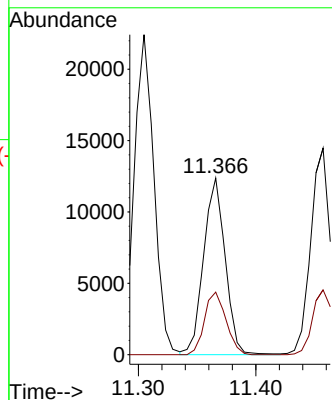
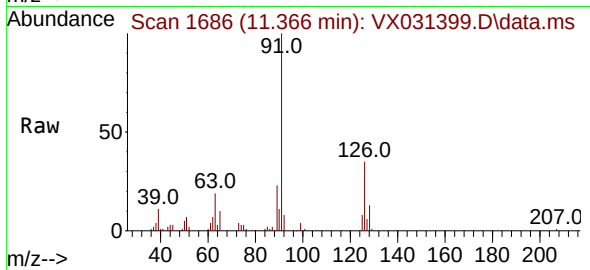
#75
2-Chlorotoluene
Concen: 5.141 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 1577
Ion Ratio Lower Upper
91 100
126 35.2 0.0 68.6

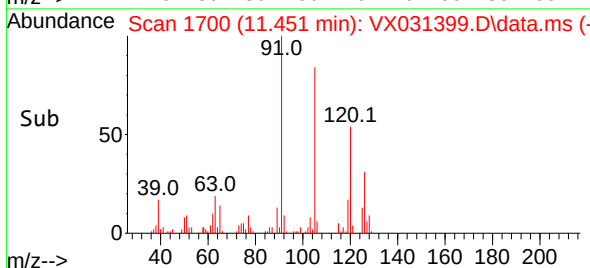
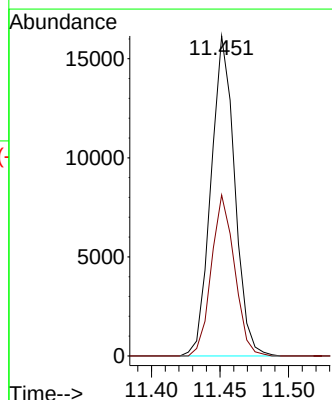
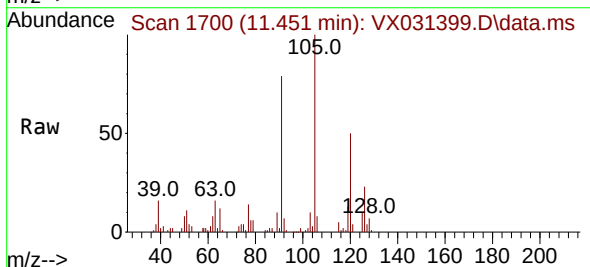
Manual Integrations
APPROVED

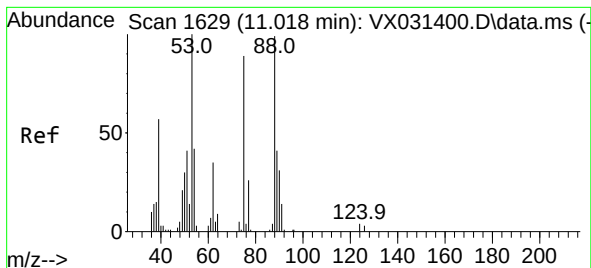
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#76
1,3,5-Trimethylbenzene
Concen: 5.326 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

Tgt Ion:105 Resp: 19418
Ion Ratio Lower Upper
105 100
120 49.1 0.0 98.0





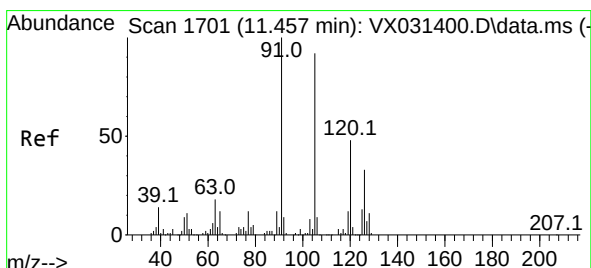
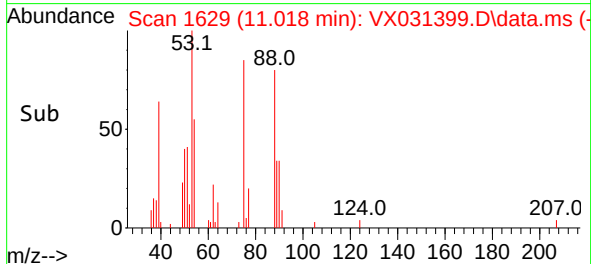
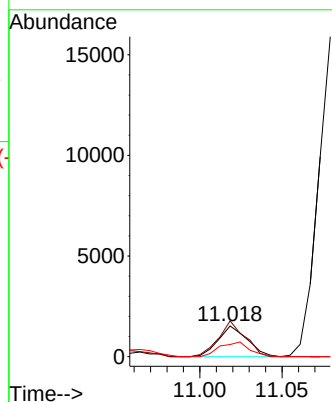
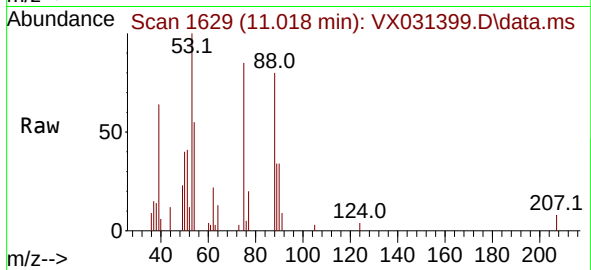
#77
t-1,4-Dichloro-2-butene
Concen: 3.851 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 1880
Ion Ratio Lower Upper
75 100
53 117.1 59.7 179.1
89 39.5 23.1 69.2

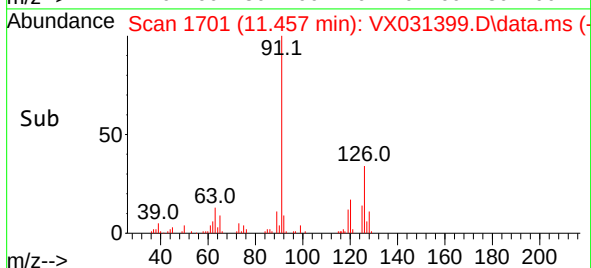
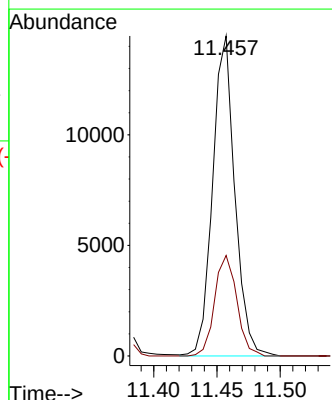
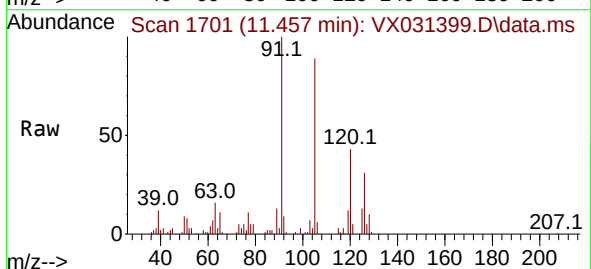
Manual Integrations
APPROVED

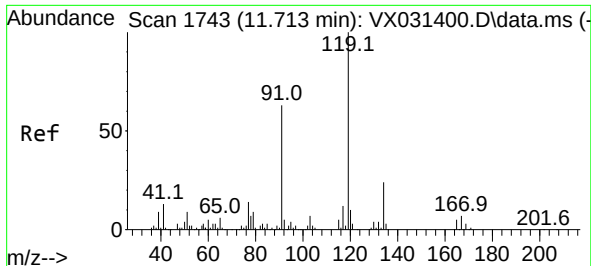
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#78
4-Chlorotoluene
Concen: 5.134 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

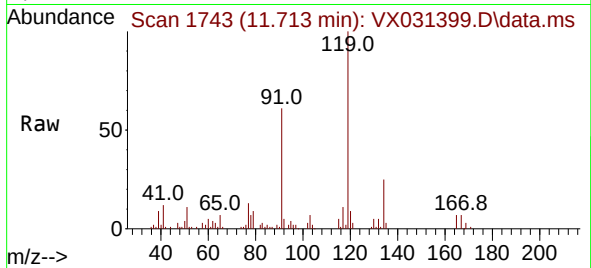
Tgt Ion: 91 Resp: 17675
Ion Ratio Lower Upper
91 100
126 31.3 0.0 59.8





#79
tert-butylbenzene
Concen: 5.366 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

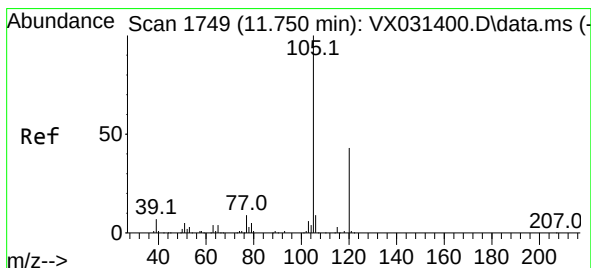
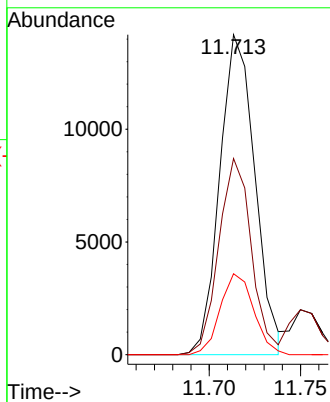
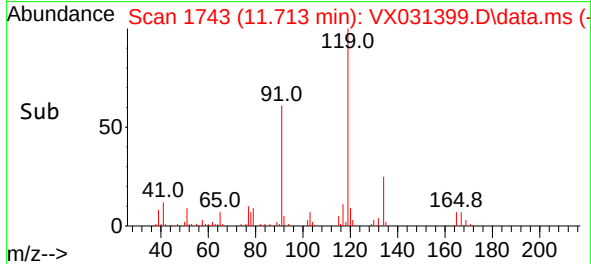
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



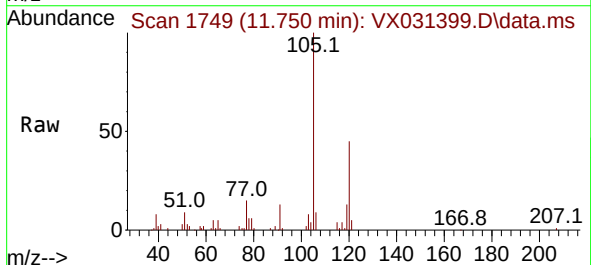
Tgt Ion:119 Resp: 19034
Ion Ratio Lower Upper
119 100
91 57.1 0.0 119.4
134 24.2 0.0 48.4

Manual Integrations
APPROVED

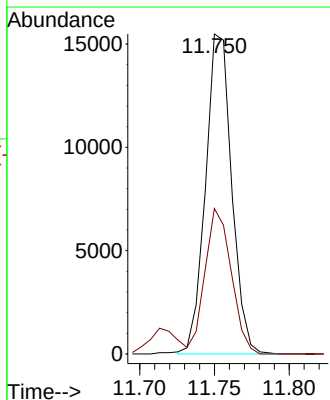
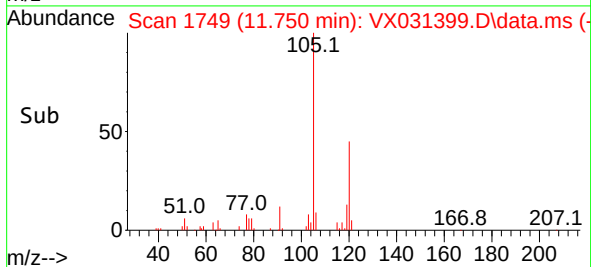
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

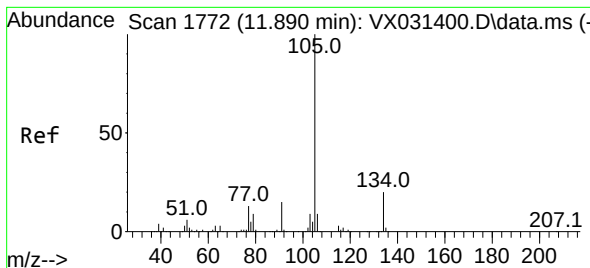


#80
1,2,4-Trimethylbenzene
Concen: 5.040 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14



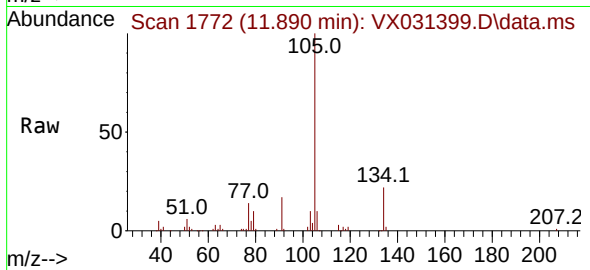
Tgt Ion:105 Resp: 18889
Ion Ratio Lower Upper
105 100
120 45.5 0.0 89.6





#81
 sec-Butylbenzene
 Concen: 4.946 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX031399.D
 Acq: 16 Sep 2022 10:14

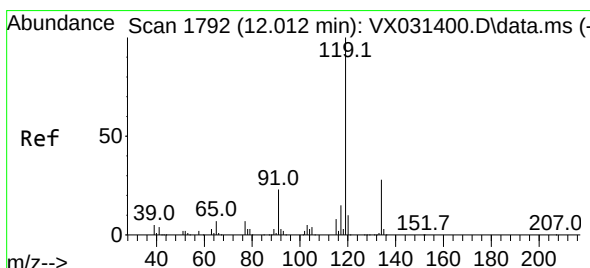
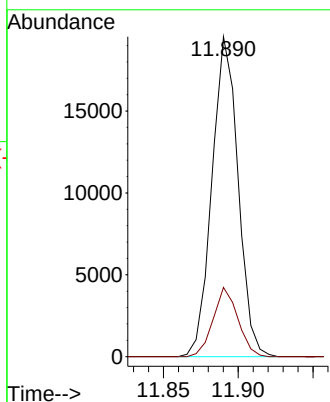
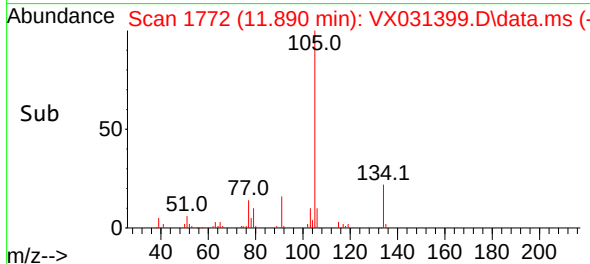
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



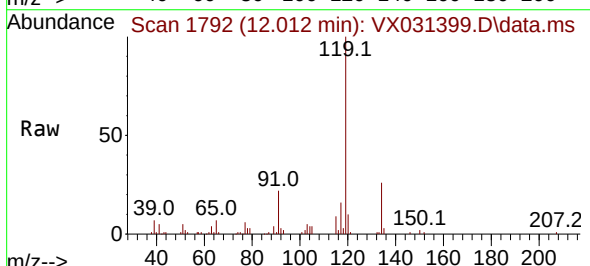
Tgt Ion:105 Resp: 23745
 Ion Ratio Lower Upper
 105 100
 134 20.5 0.0 41.2

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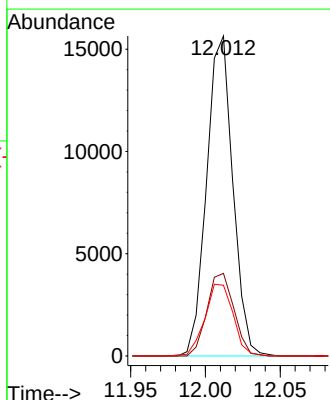
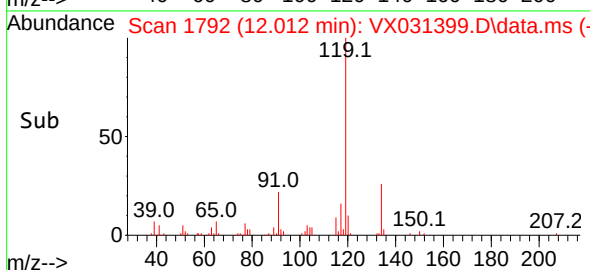
Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022

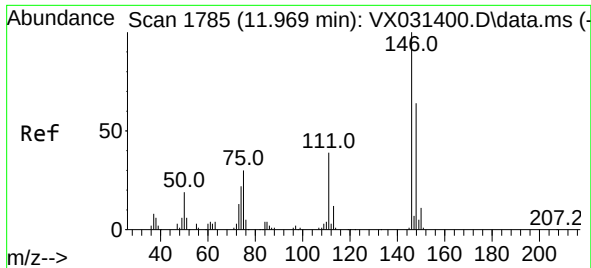


#82
 p-Isopropyltoluene
 Concen: 4.938 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX031399.D
 Acq: 16 Sep 2022 10:14



Tgt Ion:119 Resp: 19084
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 52.4
 91 24.0 0.0 47.2





#83

1,3-Dichlorobenzene

Concen: 5.354 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX031399.D

Acq: 16 Sep 2022 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

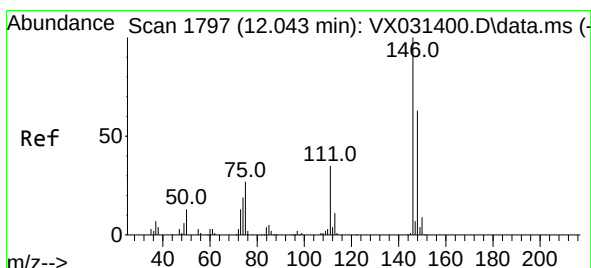
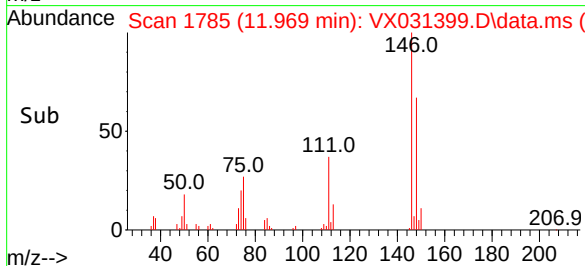
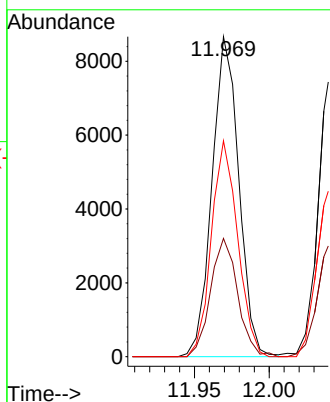
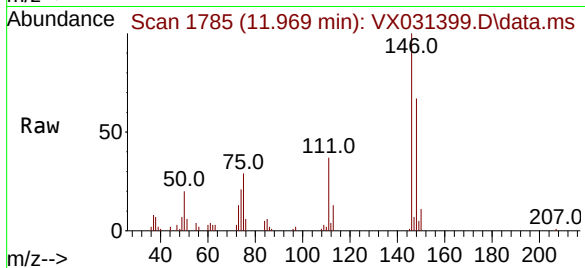
Tgt Ion:	146	Resp:	10780
Ion Ratio	Lower	Upper	
146	100		
111	37.4	19.8	59.4
148	66.1	31.6	94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#84

1,4-Dichlorobenzene

Concen: 4.999 ug/l

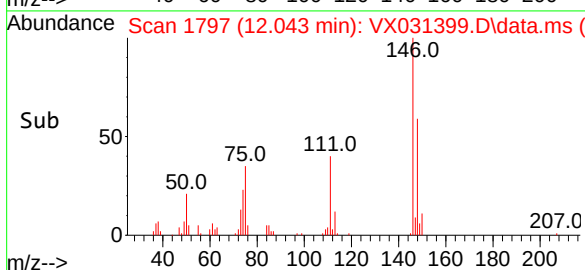
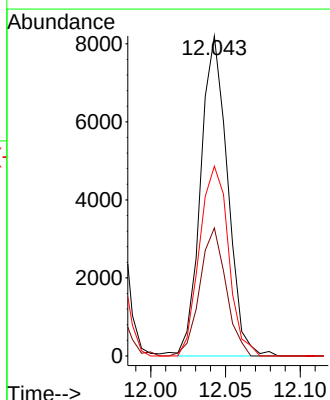
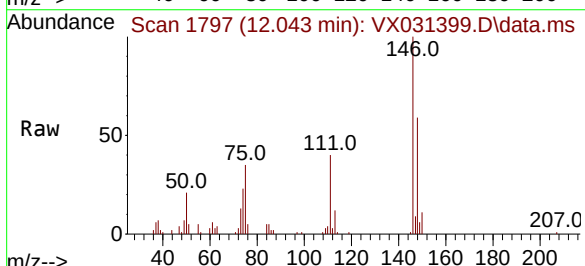
RT: 12.043 min Scan# 1797

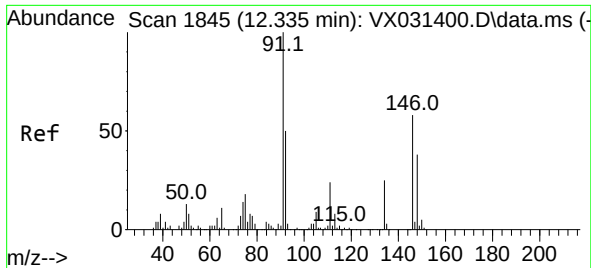
Delta R.T. 0.000 min

Lab File: VX031399.D

Acq: 16 Sep 2022 10:14

Tgt Ion:	146	Resp:	10213
Ion Ratio	Lower	Upper	
146	100		
111	39.2	19.2	57.6
148	64.2	32.3	96.8





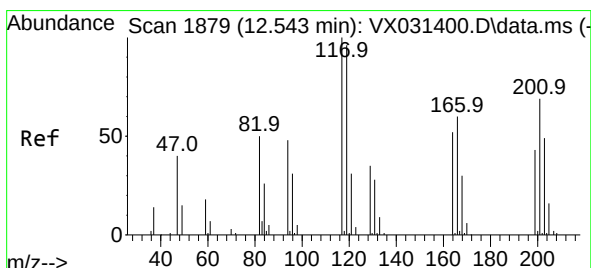
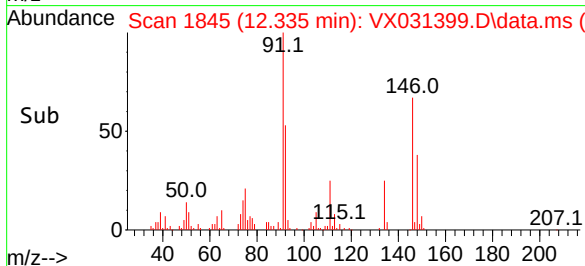
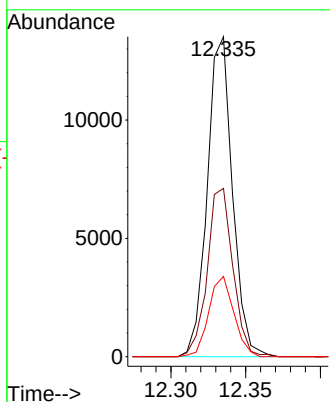
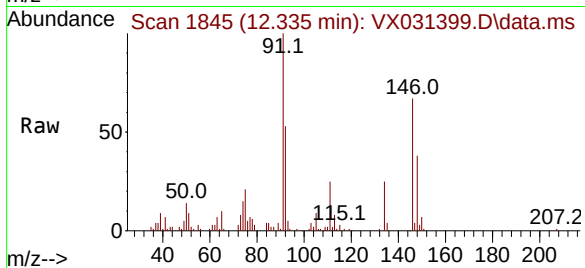
#85
n-Butylbenzene
Concen: 4.366 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 15834
Ion Ratio Lower Upper
91 100
92 53.5 0.0 109.4
134 25.0 0.0 56.4

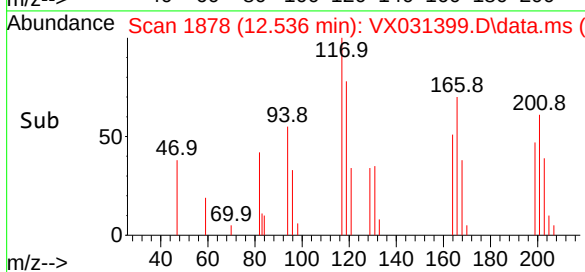
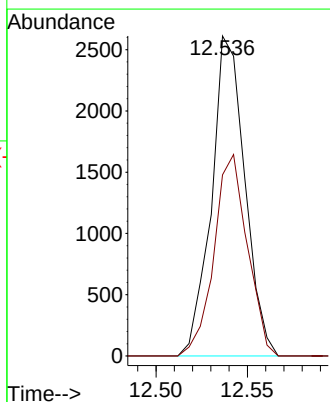
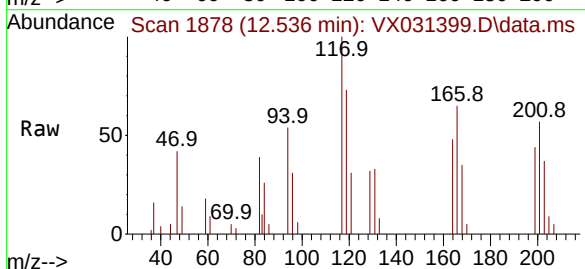
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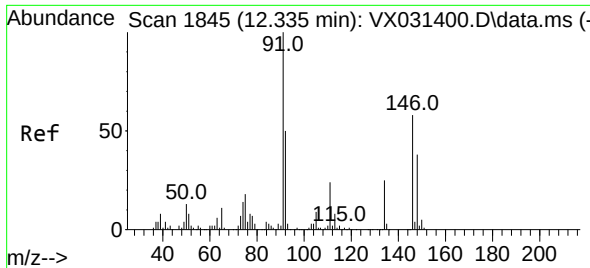
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#86
Hexachloroethane
Concen: 5.167 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

Tgt Ion:117 Resp: 3318
Ion Ratio Lower Upper
117 100
201 63.0 39.5 118.5





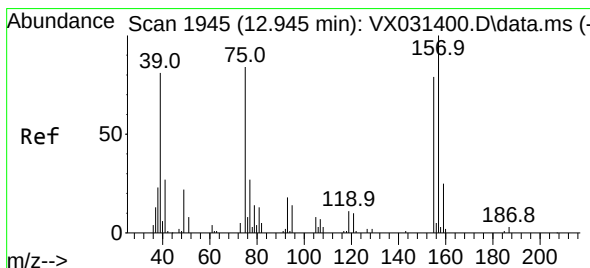
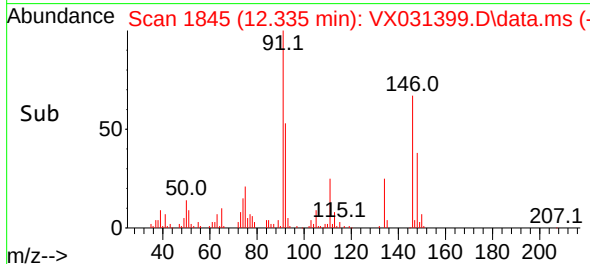
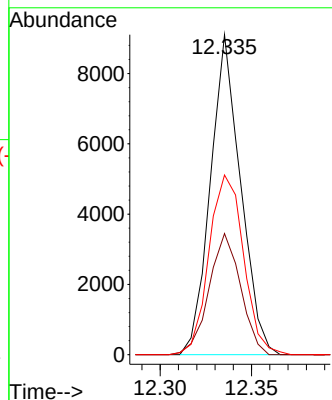
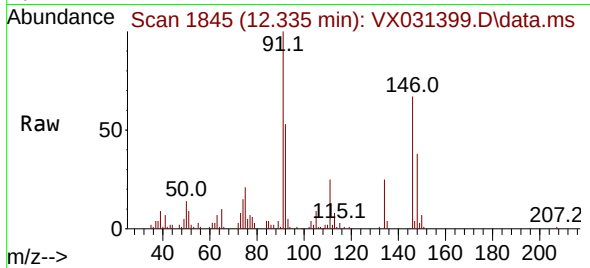
#87
 1,2-Dichlorobenzene
 Concen: 5.262 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX031399.D
 Acq: 16 Sep 2022 10:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:146 Resp: 10469
 Ion Ratio Lower Upper
 146 100
 111 39.6 21.1 63.3
 148 64.4 31.4 94.2

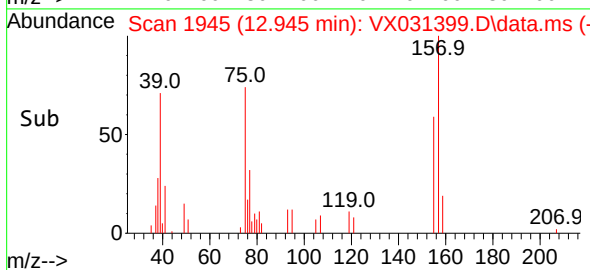
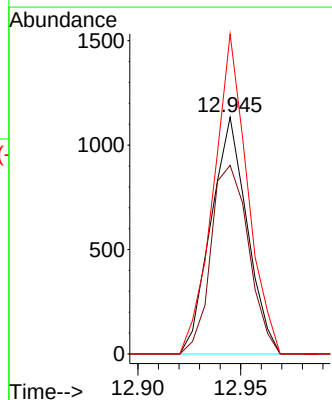
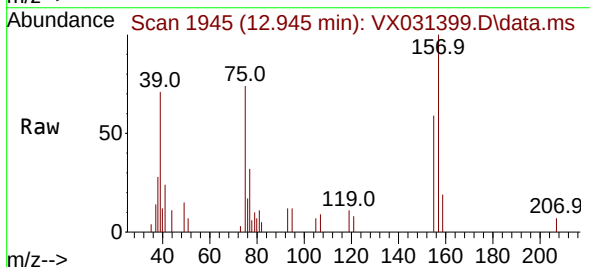
Manual Integrations
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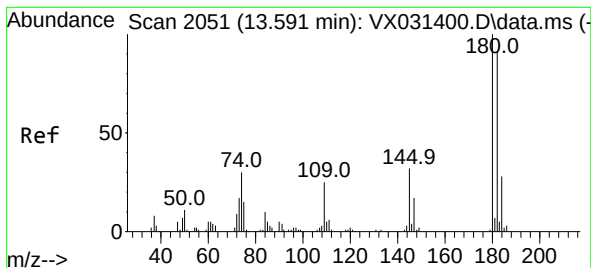
Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 3.846 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. 0.006 min
 Lab File: VX031399.D
 Acq: 16 Sep 2022 10:14

Tgt Ion: 75 Resp: 1385
 Ion Ratio Lower Upper
 75 100
 155 83.3 74.3 111.5
 157 126.8 97.3 145.9





#89

1,2,4-Trichlorobenzene

Concen: 4.951 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX031399.D

Acq: 16 Sep 2022 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

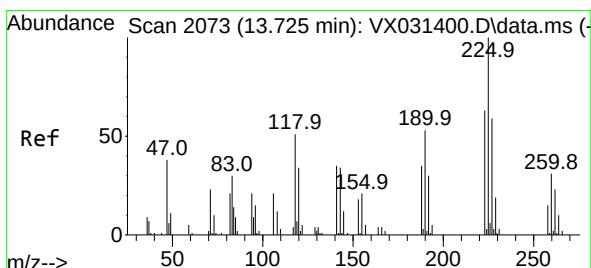
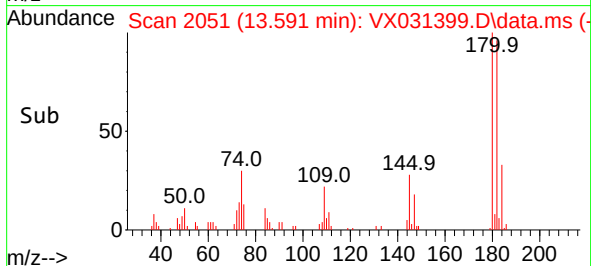
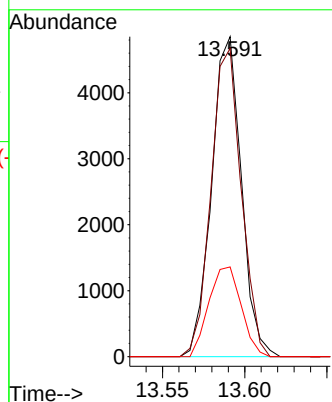
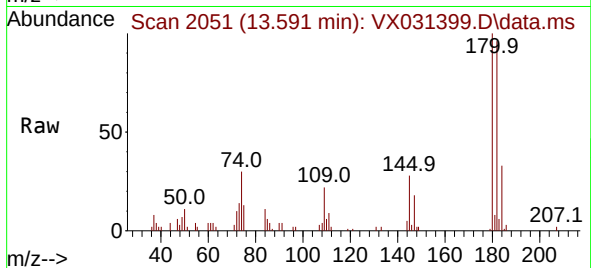
Tgt Ion:	180	Resp:	6098
Ion Ratio	Lower	Upper	
180	100		
182	97.7	77.4	116.2
145	30.6	24.2	36.4

Manual Integrations

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Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#90

Hexachlorobutadiene

Concen: 5.482 ug/l

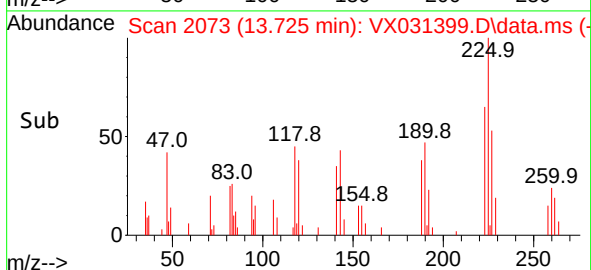
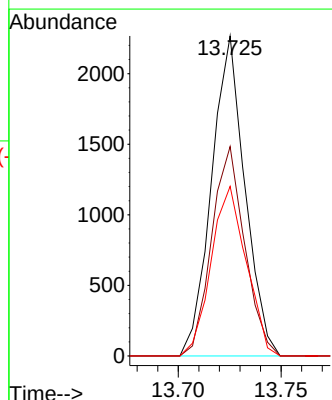
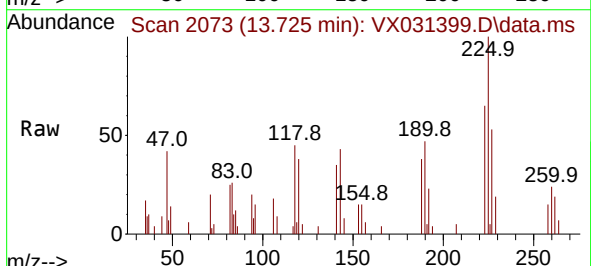
RT: 13.725 min Scan# 2073

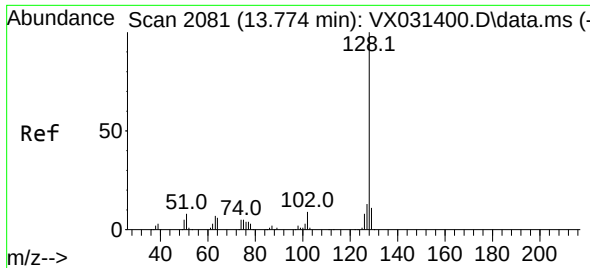
Delta R.T. 0.000 min

Lab File: VX031399.D

Acq: 16 Sep 2022 10:14

Tgt Ion:	225	Resp:	2561
Ion Ratio	Lower	Upper	
225	100		
223	64.8	0.0	126.0
227	55.8	0.0	125.0





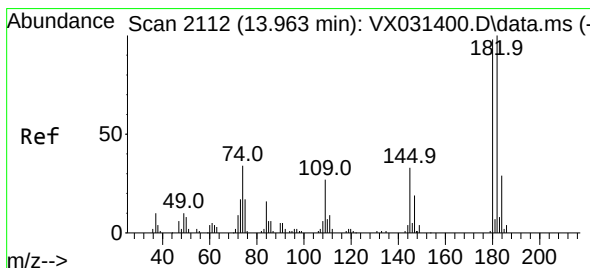
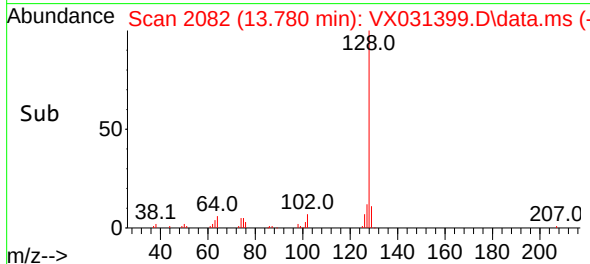
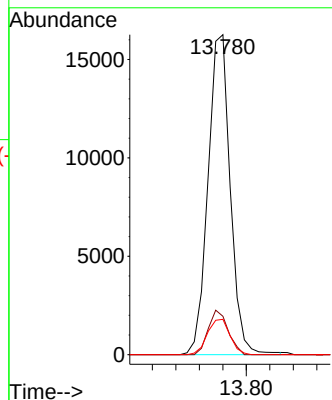
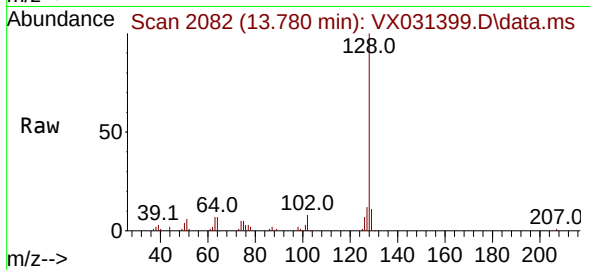
#91
Naphthalene
Concen: 4.358 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 21398
Ion Ratio Lower Upper
128 100
127 12.4 10.0 15.0
129 11.2 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: 5.019 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX031399.D
Acq: 16 Sep 2022 10:14

Tgt Ion:180 Resp: 6297
Ion Ratio Lower Upper
180 100
182 94.1 0.0 189.4
145 32.1 0.0 67.2

