

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
 Data File : VX032198.D
 Acq On : 19 Oct 2022 11:22
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 19 11:58:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 11:57:22 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/20/2022
 Supervised By : Mahesh Dadoda 10/20/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	127063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	197440	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	8492	4.687	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	9.380%#		
35) Dibromofluoromethane	5.385	113	7155	5.404	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.800%#		
50) Toluene-d8	8.653	98	24846	5.151	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.300%#		
62) 4-Bromofluorobenzene	11.079	95	7911	4.214	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	8.420%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	5805	4.753	ug/l	96
3) Chloromethane	1.294	50	5934	4.652	ug/l	100
4) Vinyl Chloride	1.374	62	6236	4.913	ug/l	91
5) Bromomethane	1.611	94	6966	9.218	ug/l	95
6) Chloroethane	1.685	64	5894m	7.029	ug/l	
7) Trichlorofluoromethane	1.886	101	11041	5.185	ug/l	100
8) Diethyl Ether	2.130	74	3579	4.857	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	6290	5.028	ug/l	99
10) Methyl Iodide	2.453	142	8020	4.634	ug/l	95
11) Tert butyl alcohol	2.947	59	9946	23.137	ug/l #	73
12) 1,1-Dichloroethene	2.319	96	5557	4.743	ug/l	96
13) Acrolein	2.239	56	5210	43.628	ug/l	99
14) Allyl chloride	2.666	41	8186	3.845	ug/l	91
15) Acrylonitrile	3.068	53	15126	20.411	ug/l	98
16) Acetone	2.386	43	13237	17.134	ug/l	90
17) Carbon Disulfide	2.514	76	11886	4.048	ug/l	99
18) Methyl Acetate	2.703	43	8294	3.424	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	18410	4.276	ug/l	94
20) Methylene Chloride	2.788	84	6891	4.645	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	6305	4.916	ug/l	94
22) Diisopropyl ether	3.757	45	18465	4.415	ug/l #	75
23) Vinyl Acetate	3.721	43	70875	20.873	ug/l	97
24) 1,1-Dichloroethane	3.605	63	11028	4.494	ug/l	99
25) 2-Butanone	4.568	43	20573	18.080	ug/l	93
26) 2,2-Dichloropropane	4.471	77	7083	3.296	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	7257	4.899	ug/l	96
28) Bromochloromethane	4.897	49	4995	4.996	ug/l #	93
29) Tetrahydrofuran	5.013	42	13273	18.636	ug/l	90
30) Chloroform	5.099	83	11927	4.571	ug/l	100
31) Cyclohexane	5.470	56	9396	4.433	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	9916	4.246	ug/l	97
36) 1,1-Dichloropropene	5.696	75	8419	4.638	ug/l	100
37) Ethyl Acetate	4.715	43	7987	3.776	ug/l	95
38) Carbon Tetrachloride	5.678	117	8471	4.146	ug/l #	97
39) Methylcyclohexane	7.385	83	10497	4.843	ug/l	92
40) Benzene	6.037	78	25472	4.892	ug/l	100

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 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
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 Supervised By : Mahesh Dadoda 10/20/2022

Quant Time: Oct 19 11:58:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 11:57:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	4179	3.705	ug/l	93
42) 1,2-Dichloroethane	6.086	62	9568	4.407	ug/l	97
43) Isopropyl Acetate	6.348	43	12521	3.719	ug/l	92
44) Trichloroethene	7.123	130	6800	4.649	ug/l	92
45) 1,2-Dichloropropane	7.434	63	6091	4.433	ug/l	98
46) Dibromomethane	7.586	93	4487	4.461	ug/l	94
47) Bromodichloromethane	7.824	83	8227	4.399	ug/l #	94
48) Methyl methacrylate	7.696	41	6220	3.702	ug/l #	90
49) 1,4-Dioxane	7.702	88	2870	81.588	ug/l	91
51) 4-Methyl-2-Pentanone	8.574	43	40847	19.038	ug/l	91
52) Toluene	8.720	92	16117	4.723	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	7308	3.445	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	8585	3.911	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	6421	4.418	ug/l	98
56) Ethyl methacrylate	9.116	69	8414	3.861	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	10576	4.469	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	22908	21.782	ug/l	97
59) 2-Hexanone	9.433	43	29648	17.734	ug/l	88
60) Dibromochloromethane	9.525	129	6055	4.127	ug/l	97
61) 1,2-Dibromoethane	9.610	107	6550	4.230	ug/l	98
64) Tetrachloroethene	9.275	164	5962	4.437	ug/l	94
65) Chlorobenzene	10.079	112	17667	4.950	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	5924	4.479	ug/l	99
67) Ethyl Benzene	10.195	91	30037	4.811	ug/l	97
68) m/p-Xylenes	10.305	106	23418	9.798	ug/l	99
69) o-Xylene	10.640	106	11280	4.728	ug/l	99
70) Styrene	10.659	104	17964	4.641	ug/l	97
71) Bromoform	10.799	173	3964	3.980	ug/l #	96
73) Isopropylbenzene	10.963	105	30216	4.836	ug/l	100
74) N-amyl acetate	10.841	43	10317	3.922	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	9665	4.781	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	7919m	4.104	ug/l	
77) Bromobenzene	11.201	156	7568	4.819	ug/l	88
78) n-propylbenzene	11.305	91	33941	4.808	ug/l	99
79) 2-Chlorotoluene	11.366	91	20754	4.733	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	25288	4.801	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	1889	2.879	ug/l #	76
82) 4-Chlorotoluene	11.457	91	23117	4.634	ug/l	96
83) tert-Butylbenzene	11.713	119	25175	4.952	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	25642	4.949	ug/l	98
85) sec-Butylbenzene	11.890	105	31124	4.886	ug/l	99
86) p-Isopropyltoluene	12.012	119	26193	4.899	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	14071	5.002	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	14672	5.110	ug/l	96
89) n-Butylbenzene	12.335	91	21485	4.644	ug/l	98
90) Hexachloroethane	12.536	117	3696	4.291	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	14204	5.147	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1657	3.573	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	8800	5.411	ug/l	98
94) Hexachlorobutadiene	13.725	225	3953	4.868	ug/l	99
95) Naphthalene	13.780	128	28138	5.380	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	8863	5.407	ug/l	99

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

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Quant Title : SW846 8260
QLast Update : Wed Oct 19 11:57:22 2022
Response via : Initial Calibration

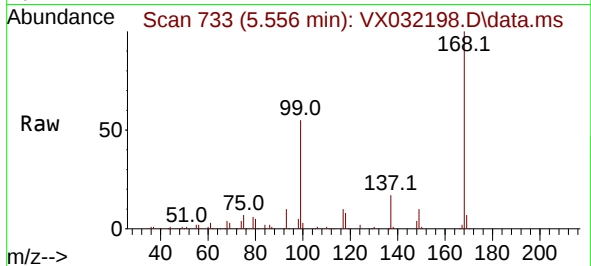
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

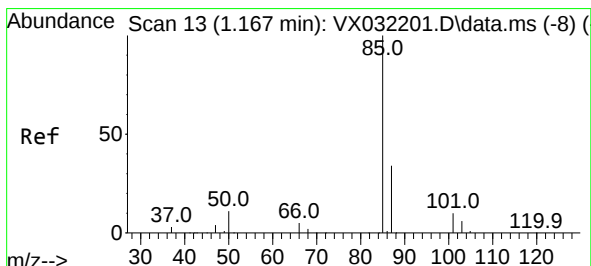
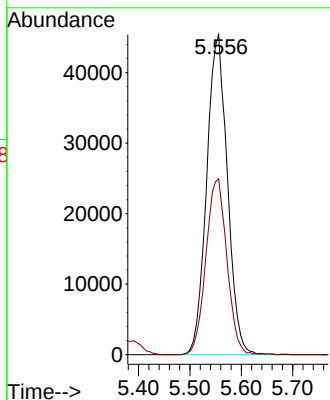
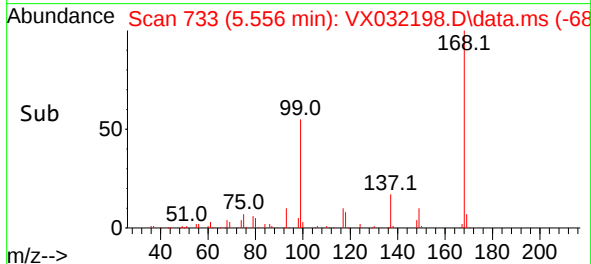
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 12706
Ion Ratio Lower Upper
168 100
99 55.0 45.8 68.6

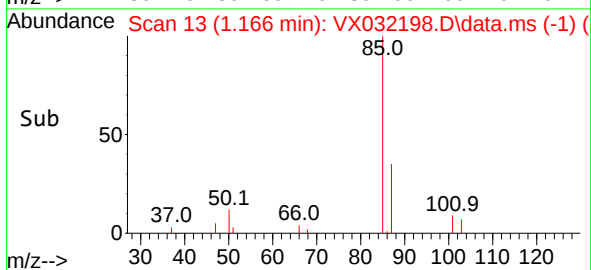
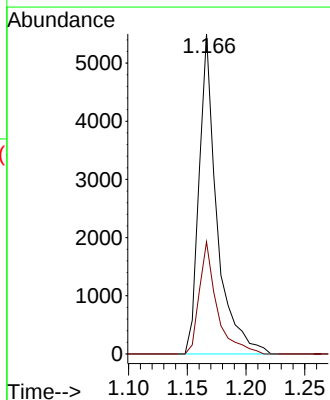
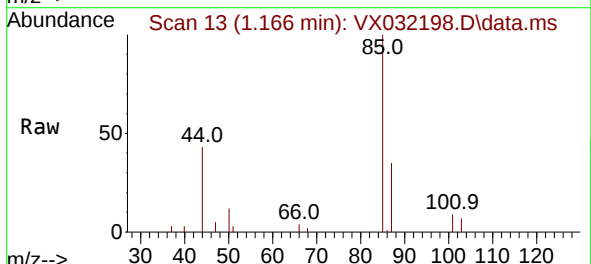
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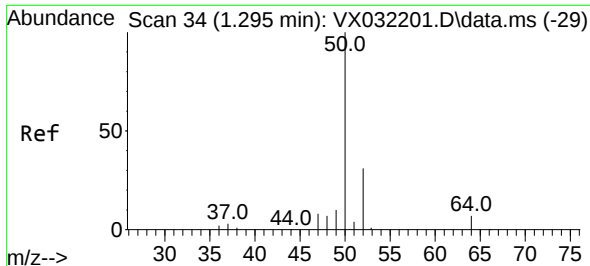
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#2
Dichlorodifluoromethane
Concen: 4.753 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.007 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

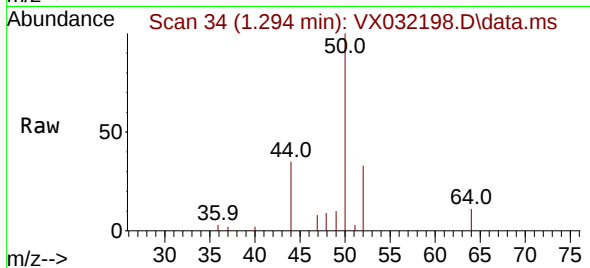
Tgt Ion: 85 Resp: 5805
Ion Ratio Lower Upper
85 100
87 35.0 16.4 49.2





#3
Chloromethane
Concen: 4.652 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

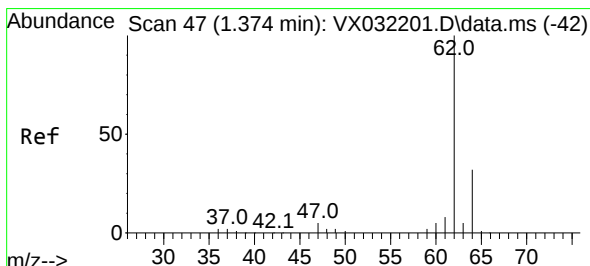
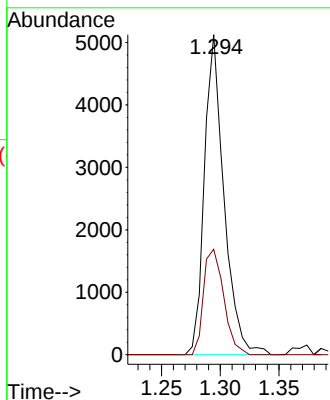
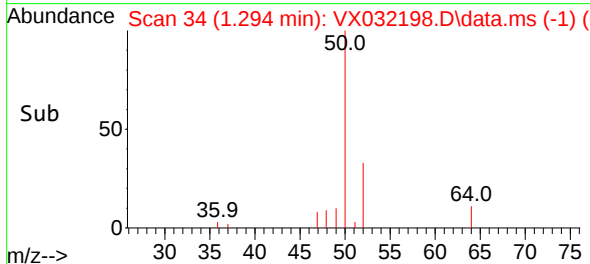
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 50 Resp: 5934
Ion Ratio Lower Upper
50 100
52 32.9 26.4 39.6

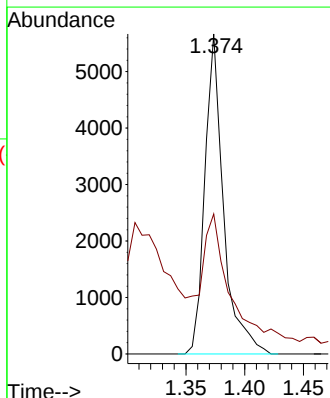
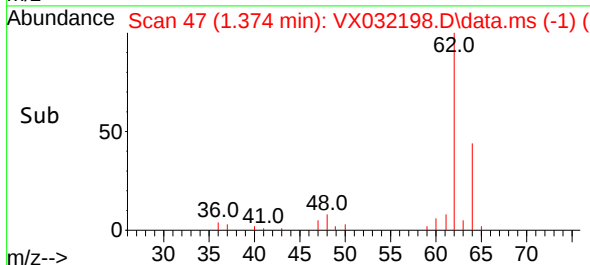
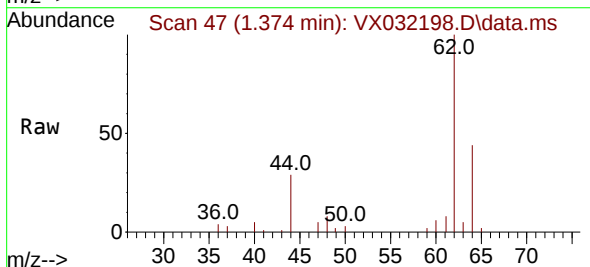
Manual Integrations
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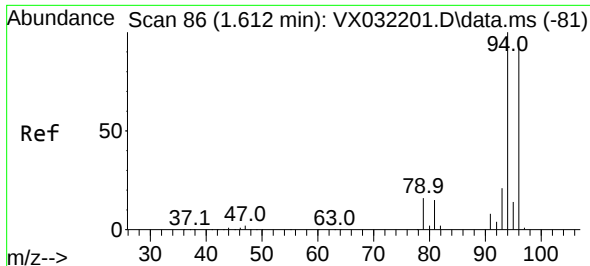
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#4
Vinyl Chloride
Concen: 4.913 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.006 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion: 62 Resp: 6236
Ion Ratio Lower Upper
62 100
64 37.3 25.7 38.5





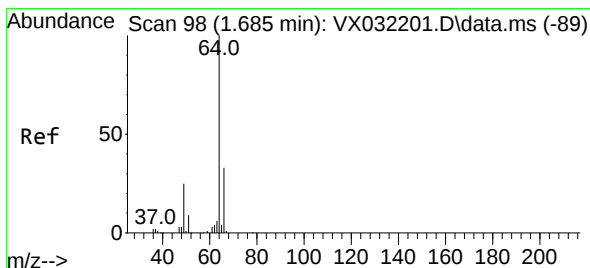
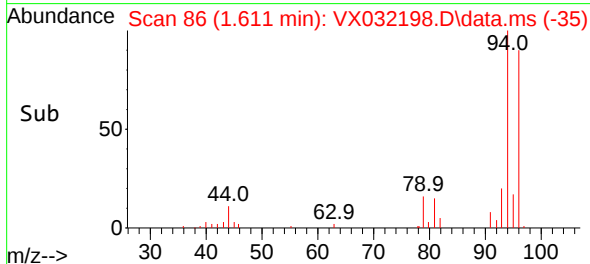
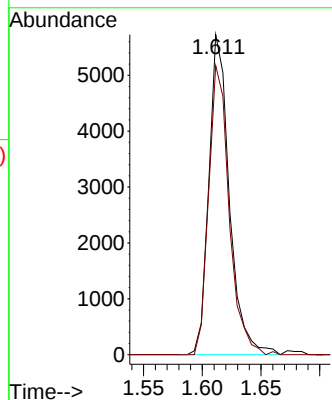
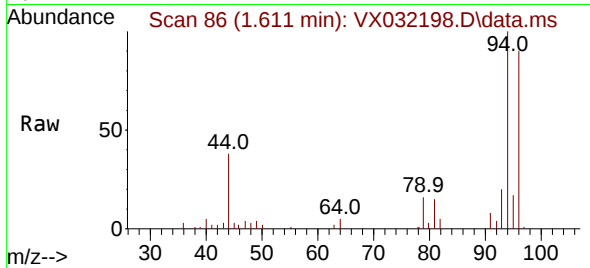
#5
Bromomethane
Concen: 9.218 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 6960
Ion Ratio Lower Upper
94 100
96 90.3 76.4 114.6

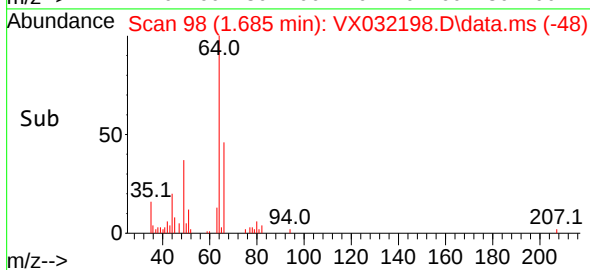
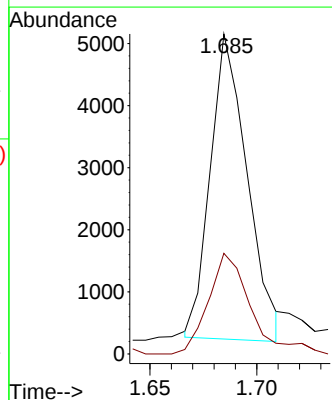
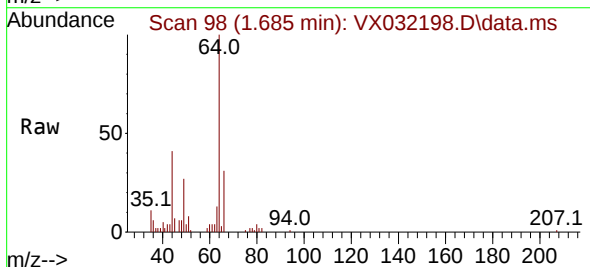
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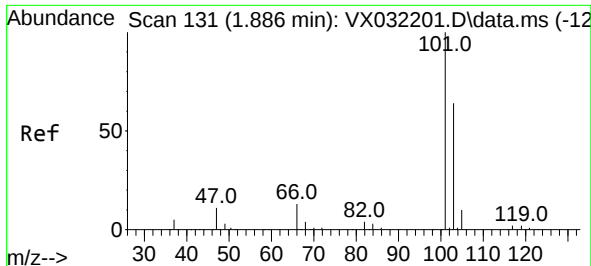
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#6
Chloroethane
Concen: 7.029 ug/l m
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion: 64 Resp: 5894
Ion Ratio Lower Upper
64 100
66 31.5 25.4 38.0





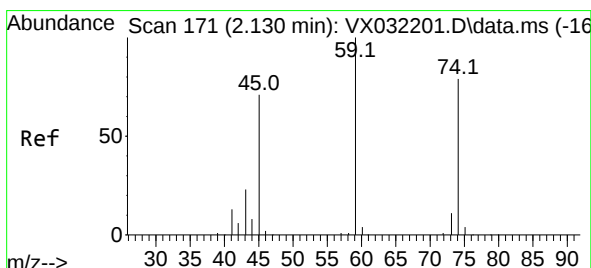
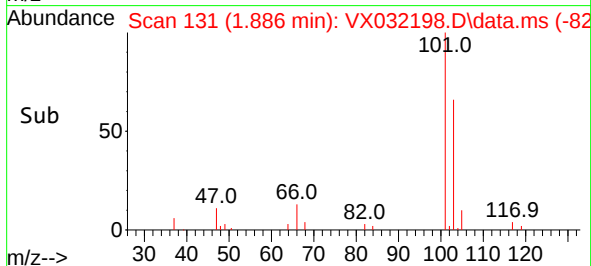
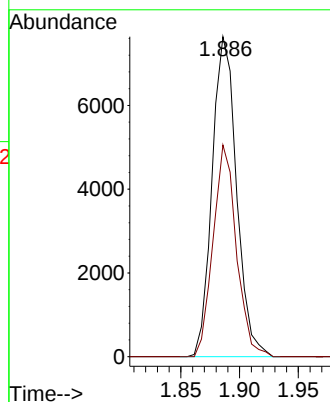
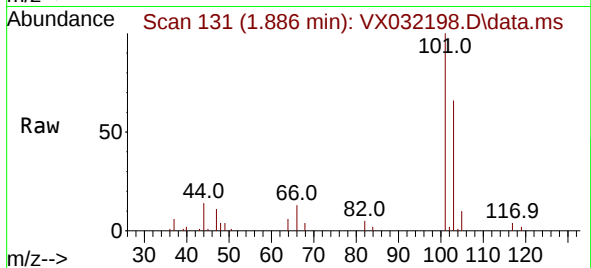
#7
Trichlorofluoromethane
Concen: 5.185 ug/l
RT: 1.886 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 1104
Ion Ratio Lower Upper
101 100
103 66.1 53.2 79.8

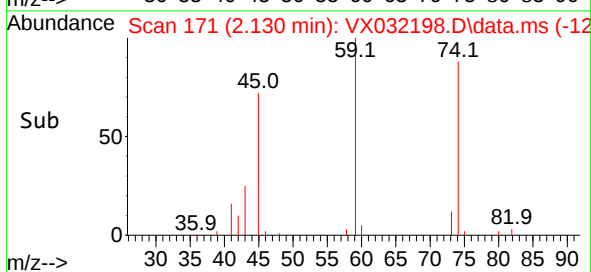
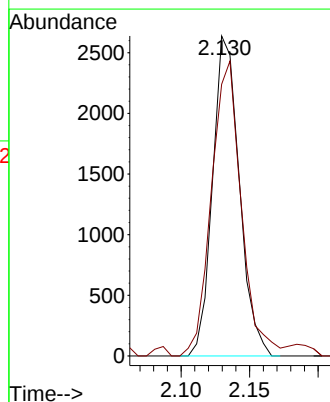
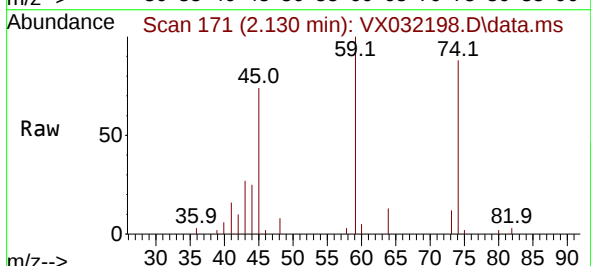
Manual Integrations
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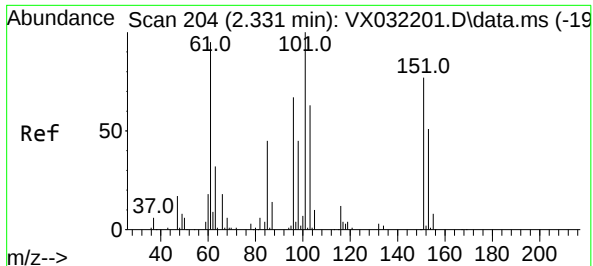
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#8
Diethyl Ether
Concen: 4.857 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.012 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion: 74 Resp: 3579
Ion Ratio Lower Upper
74 100
45 102.8 44.5 133.5





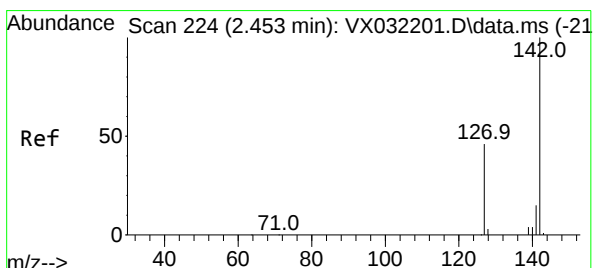
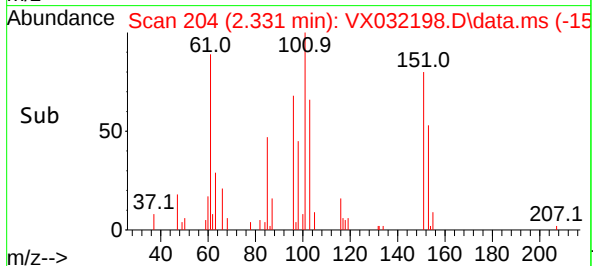
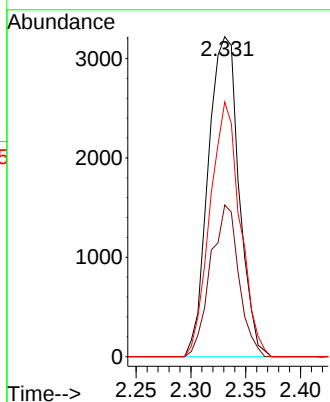
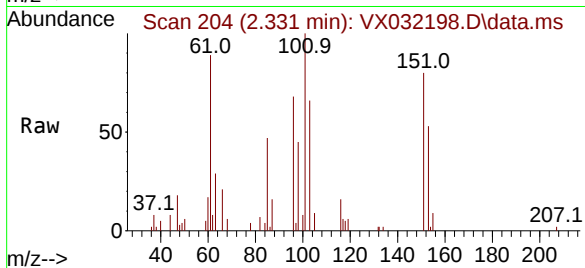
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.028 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 6290
Ion Ratio Lower Upper
101 100
85 43.6 34.9 52.3
151 78.0 61.4 92.2

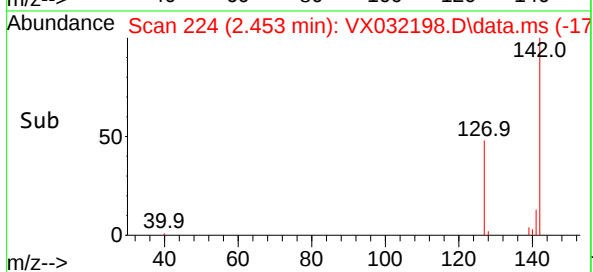
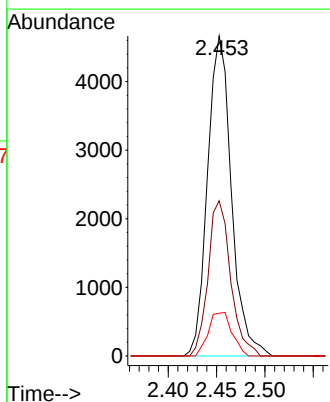
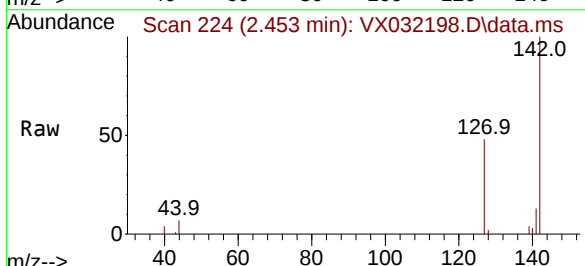
Manual Integrations
APPROVED

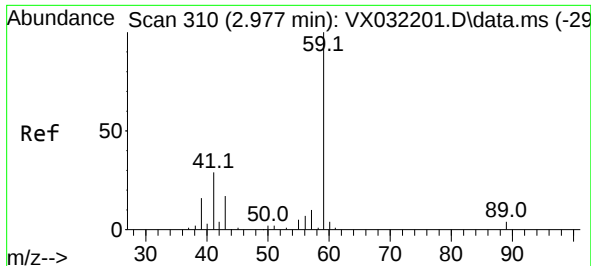
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#10
Methyl Iodide
Concen: 4.634 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion:142 Resp: 8020
Ion Ratio Lower Upper
142 100
127 45.8 33.3 49.9
141 13.4 11.4 17.0





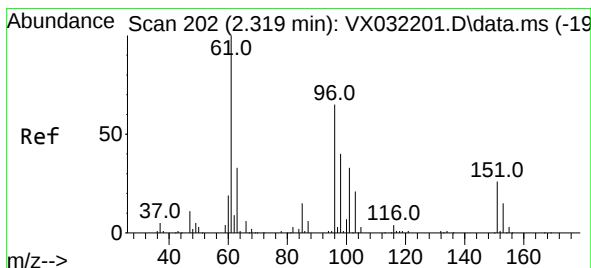
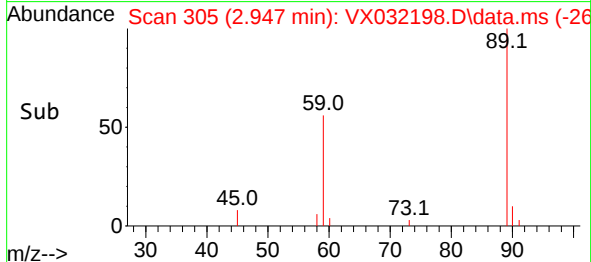
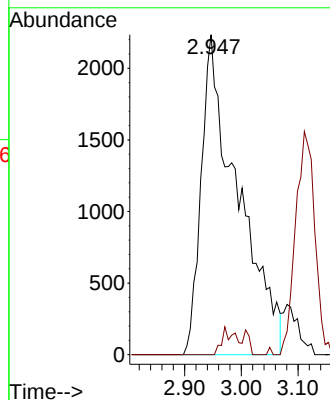
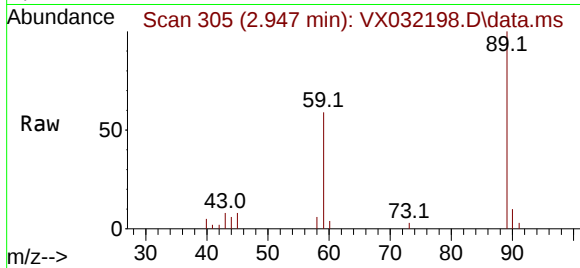
#11
Tert butyl alcohol
Concen: 23.137 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 9940
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8

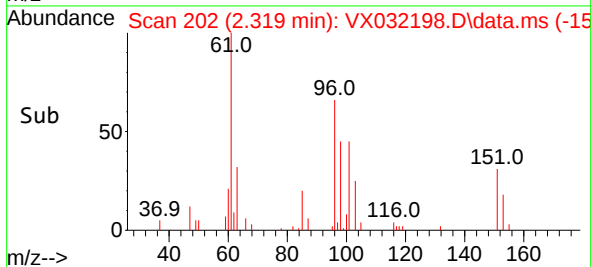
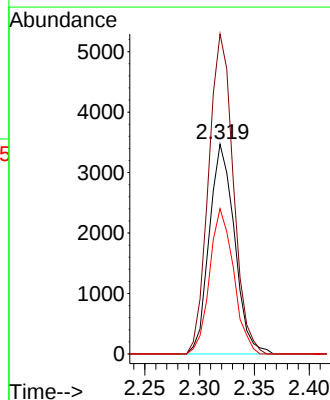
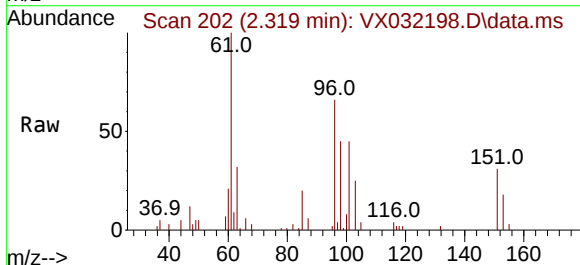
Manual Integrations
APPROVED

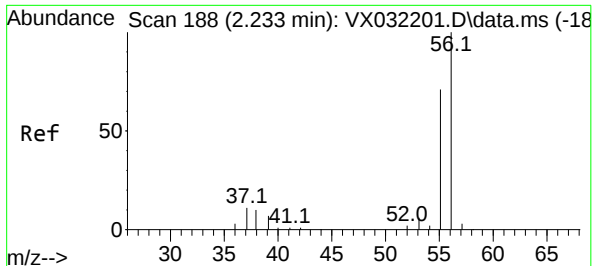
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#12
1,1-Dichloroethene
Concen: 4.743 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion: 96 Resp: 5557
Ion Ratio Lower Upper
96 100
61 152.6 124.6 187.0
98 69.3 50.6 76.0





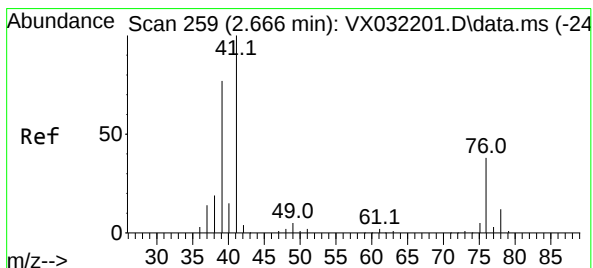
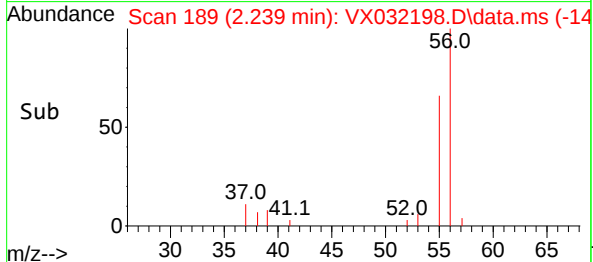
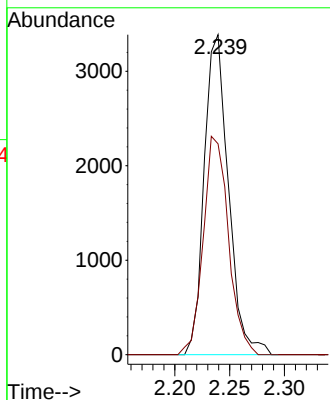
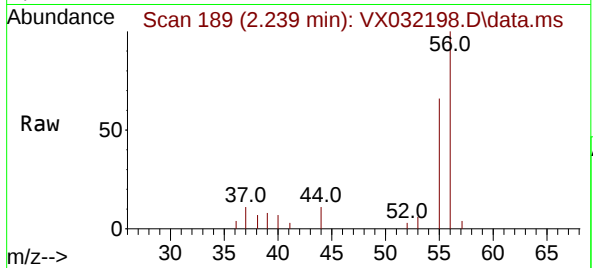
#13
Acrolein
Concen: 43.628 ug/l
RT: 2.239 min Scan# 188
Delta R.T. -0.007 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 5210
Ion Ratio Lower Upper
56 100
55 70.9 56.4 84.6

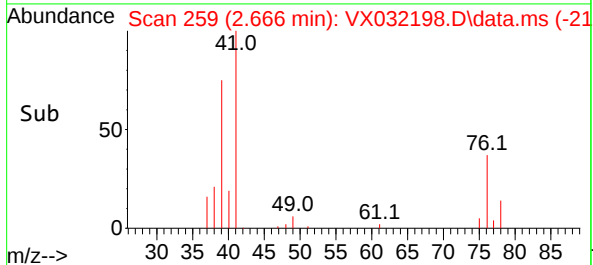
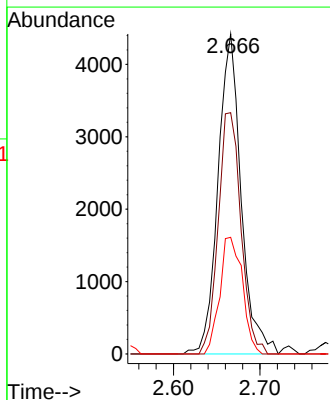
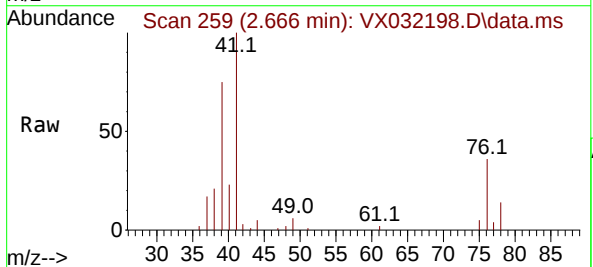
Manual Integrations
APPROVED

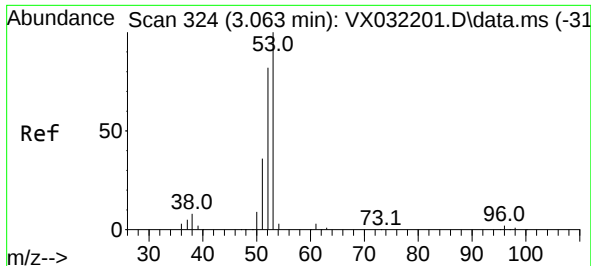
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#14
Allyl chloride
Concen: 3.845 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

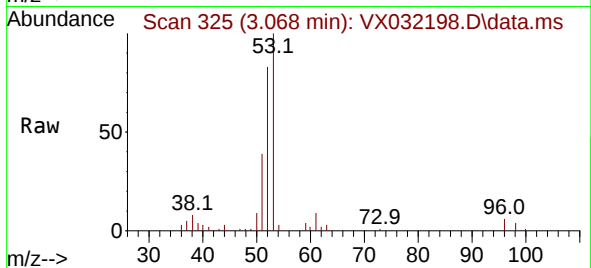
Tgt Ion: 41 Resp: 8186
Ion Ratio Lower Upper
41 100
39 74.1 51.6 77.4
76 35.6 30.5 45.7





#15
Acrylonitrile
Concen: 20.411 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.007 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

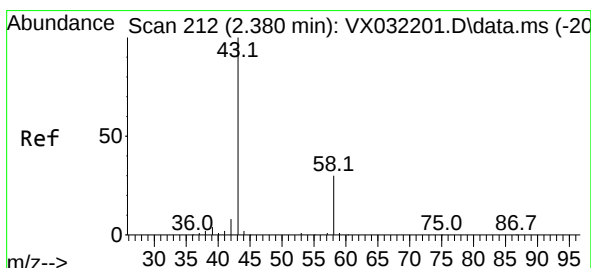
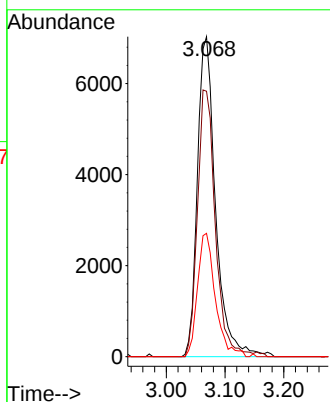
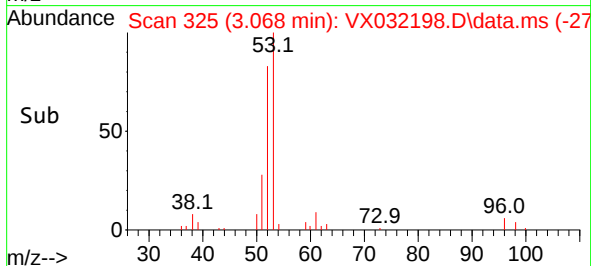
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



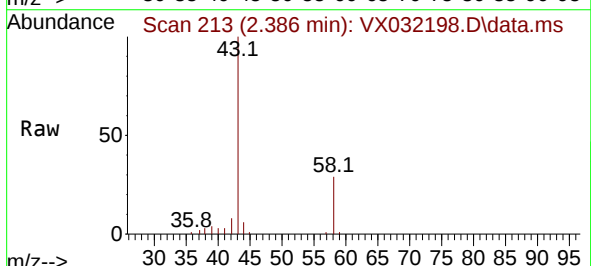
Tgt Ion: 53 Resp: 15120
Ion Ratio Lower Upper
53 100
52 82.2 65.3 97.9
51 37.7 28.2 42.2

Manual Integrations
APPROVED

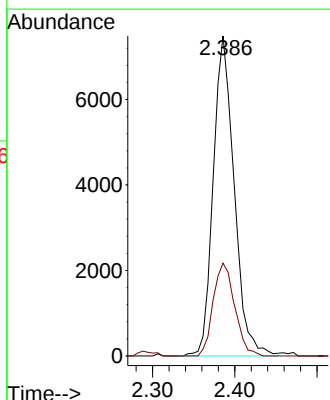
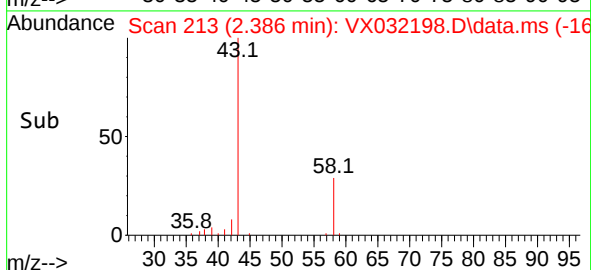
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

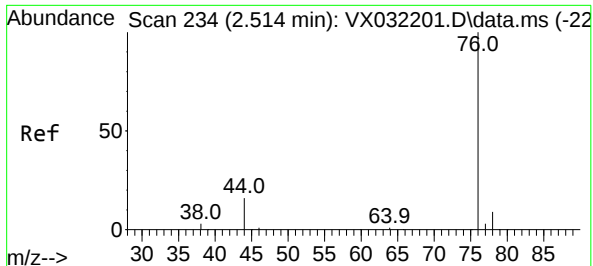


#16
Acetone
Concen: 17.134 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22



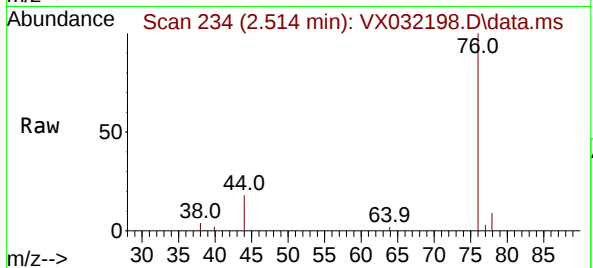
Tgt Ion: 43 Resp: 13237
Ion Ratio Lower Upper
43 100
58 29.0 27.8 41.8





#17
Carbon Disulfide
Concen: 4.048 ug/l
RT: 2.514 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

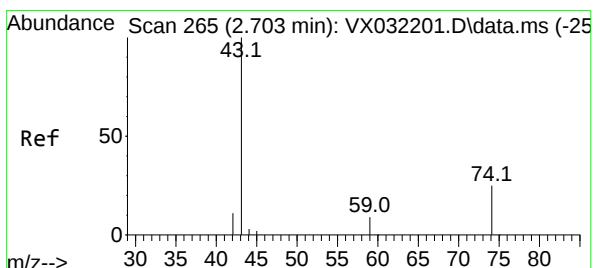
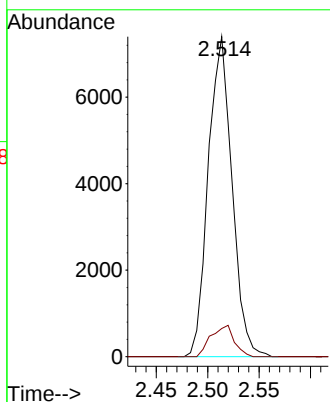
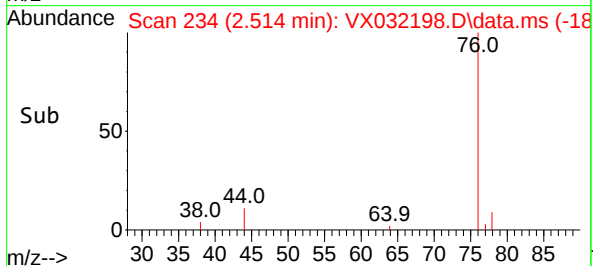
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



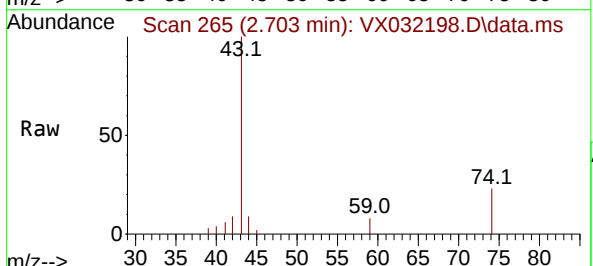
Tgt Ion: 76 Resp: 1188
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

Manual Integrations
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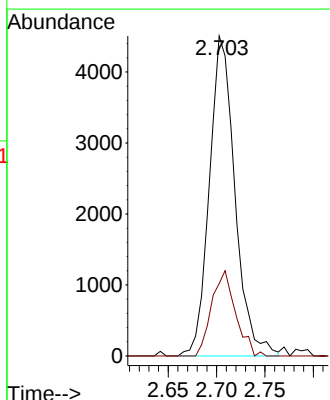
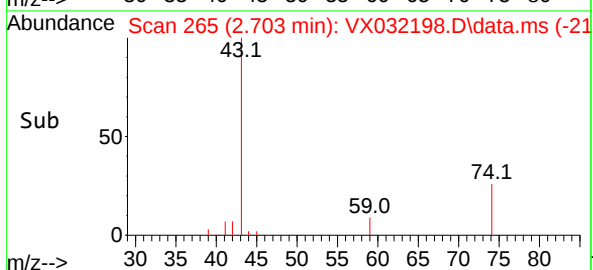
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

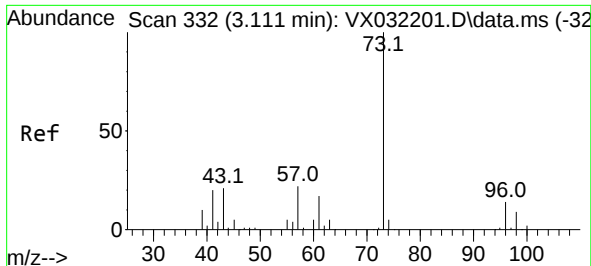


#18
Methyl Acetate
Concen: 3.424 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.012 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22



Tgt Ion: 43 Resp: 8294
Ion Ratio Lower Upper
43 100
74 24.9 21.9 32.9





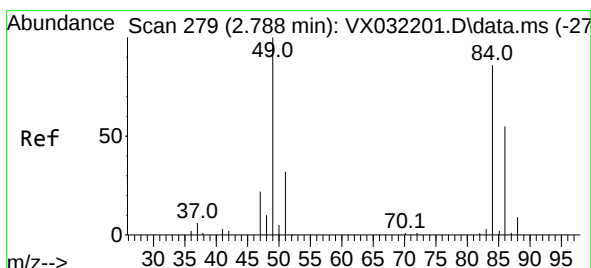
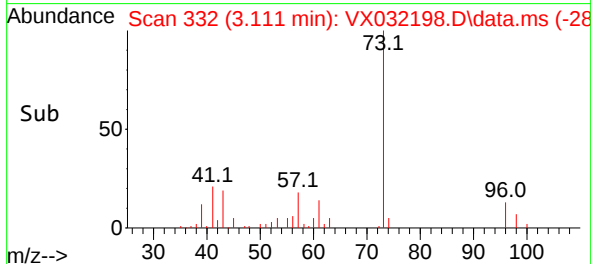
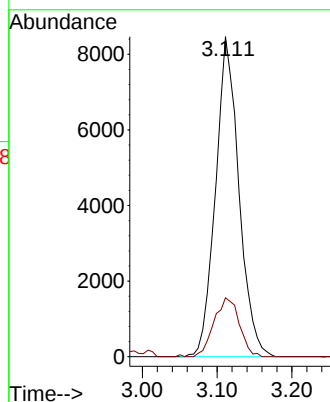
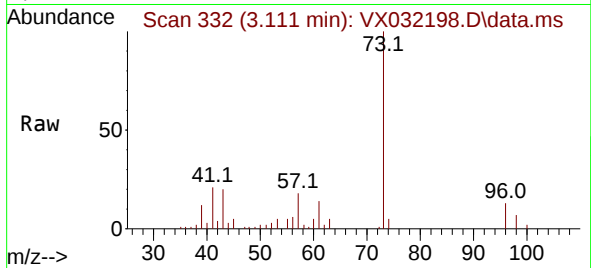
#19
Methyl tert-butyl Ether
Concen: 4.276 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.012 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 18410
Ion Ratio Lower Upper
73 100
57 18.4 17.1 25.7

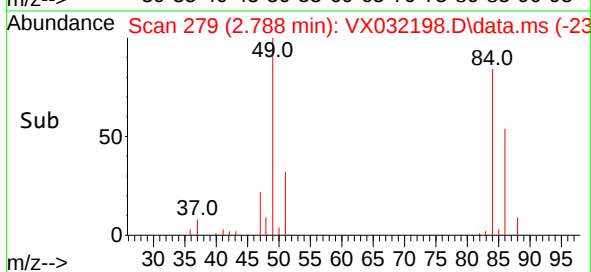
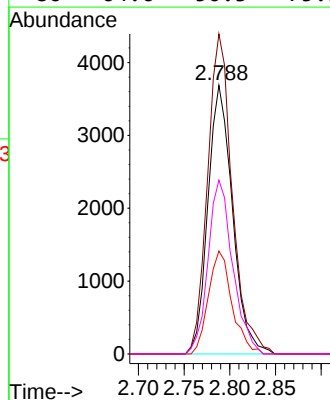
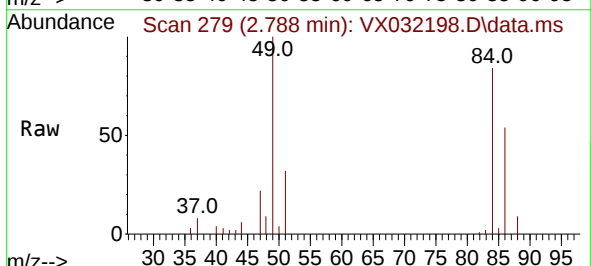
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#20
Methylene Chloride
Concen: 4.645 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

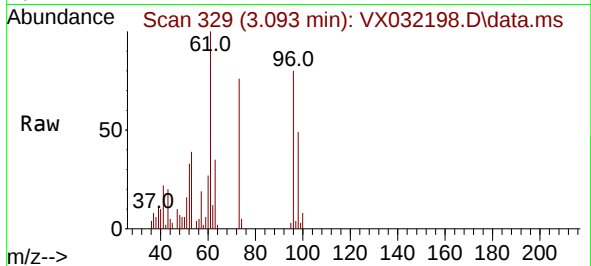
Tgt Ion: 84 Resp: 6891
Ion Ratio Lower Upper
84 100
49 119.1 88.6 132.8
51 38.3 27.0 40.6
86 64.6 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 4.916 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

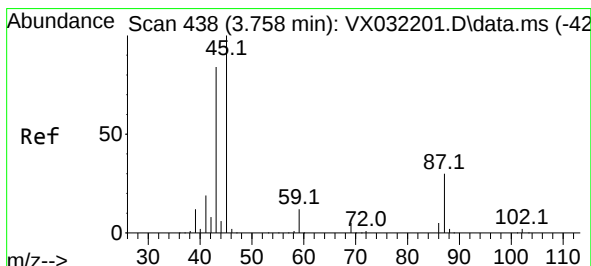
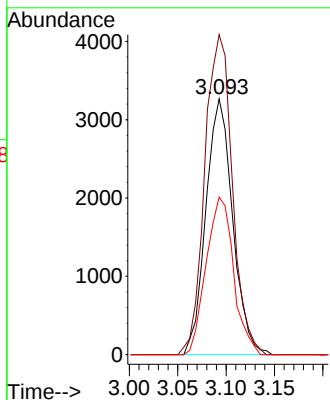
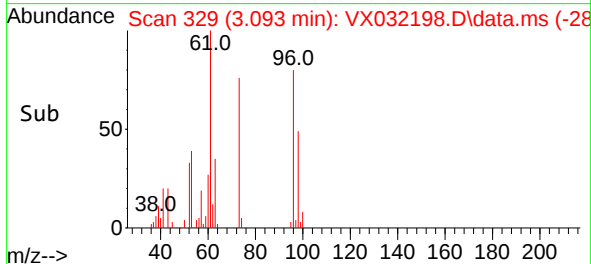
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 630
Ion Ratio Lower Upper
96 100
61 125.1 107.7 161.5
98 61.6 50.4 75.6

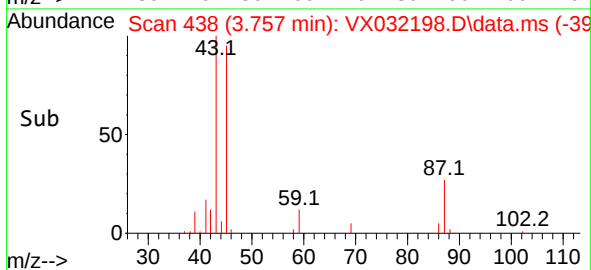
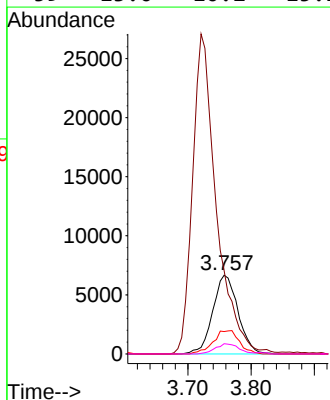
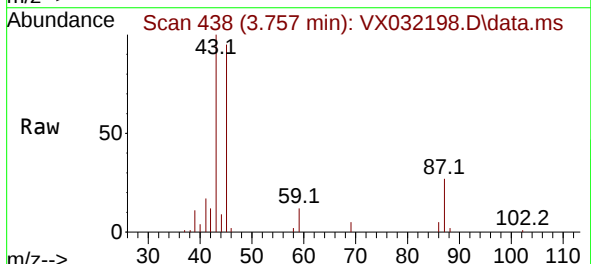
Manual Integrations
APPROVED

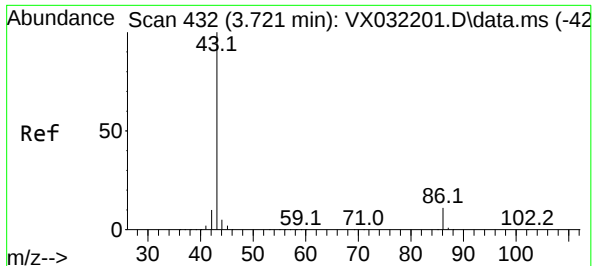
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#22
Diisopropyl ether
Concen: 4.415 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.019 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion: 45 Resp: 18465
Ion Ratio Lower Upper
45 100
43 103.6 58.0 87.0#
87 28.4 25.4 38.0
59 13.0 10.2 15.2





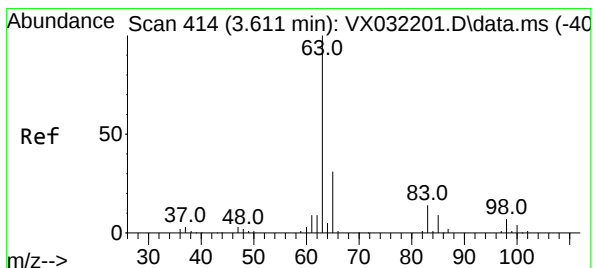
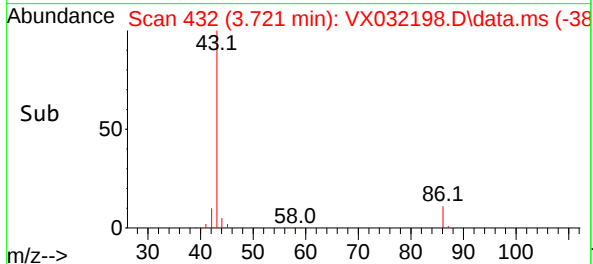
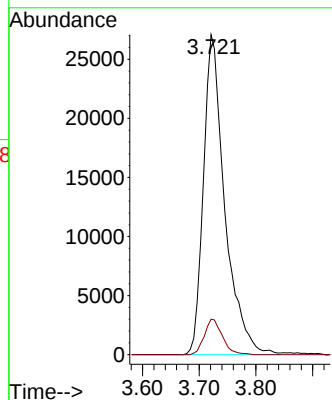
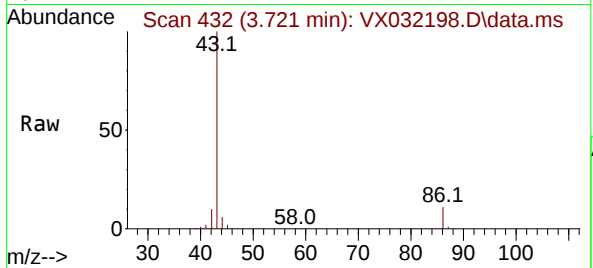
#23
 Vinyl Acetate
 Concen: 20.873 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: VX032198.D
 Acq: 19 Oct 2022 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Tgt Ion: 43 Resp: 70875
 Ion Ratio Lower Upper
 43 100
 86 11.1 9.9 14.9

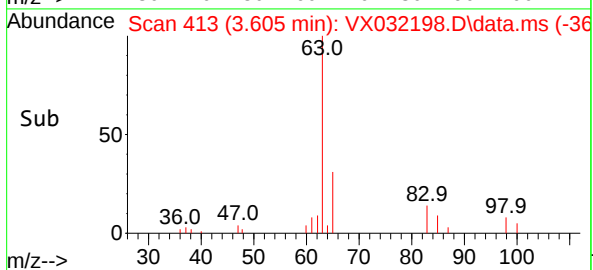
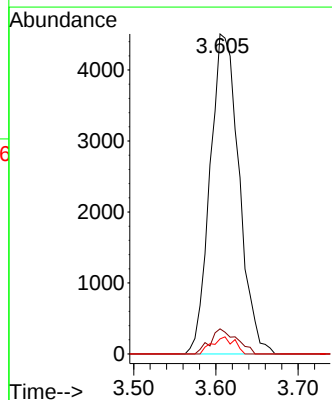
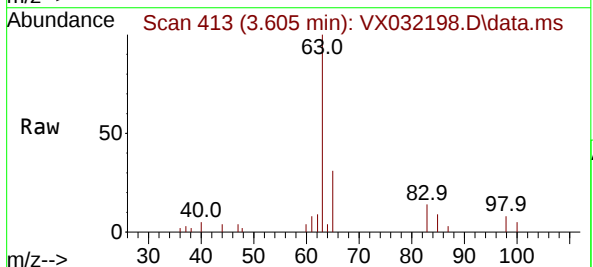
Manual Integrations
 APPROVED

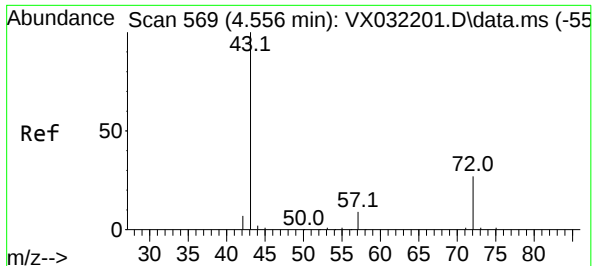
Reviewed By :John Carlone 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022



#24
 1,1-Dichloroethane
 Concen: 4.494 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.012 min
 Lab File: VX032198.D
 Acq: 19 Oct 2022 11:22

Tgt Ion: 63 Resp: 11028
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.8 11.2
 100 4.7 2.5 7.5





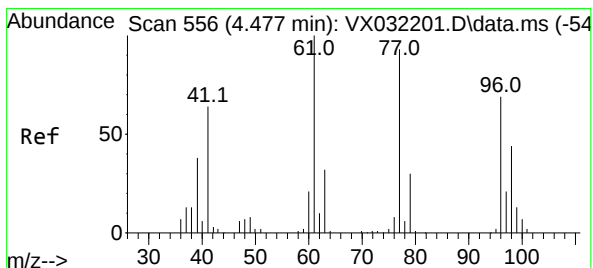
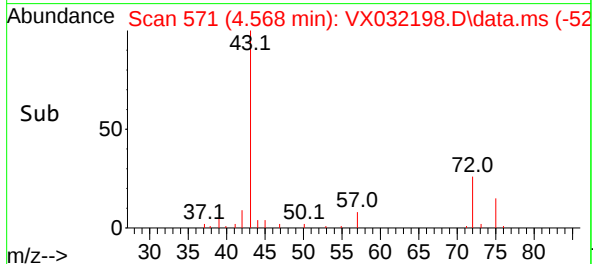
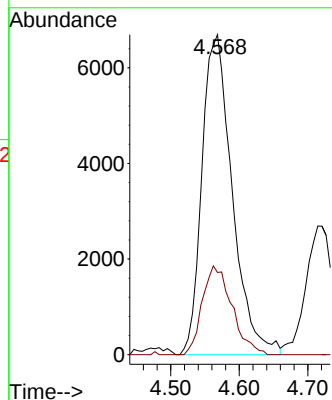
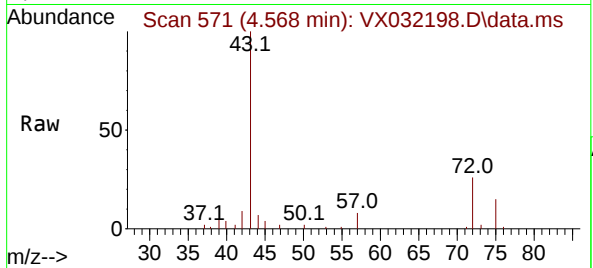
#25
2-Butanone
Concen: 18.080 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 2057
Ion Ratio Lower Upper
43 100
72 25.7 23.7 35.5

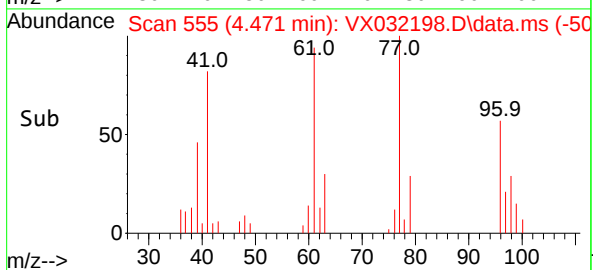
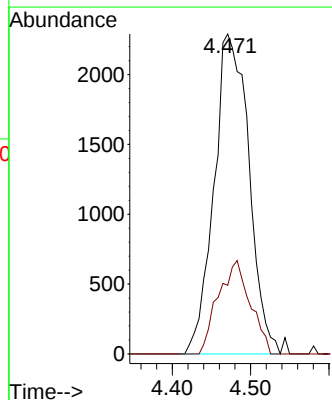
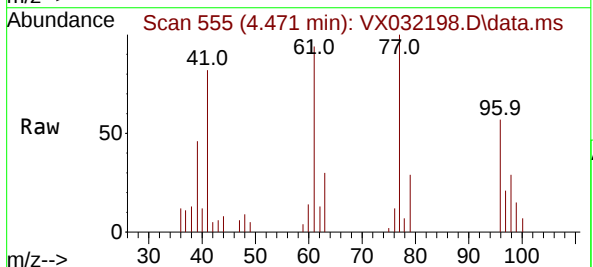
Manual Integrations
APPROVED

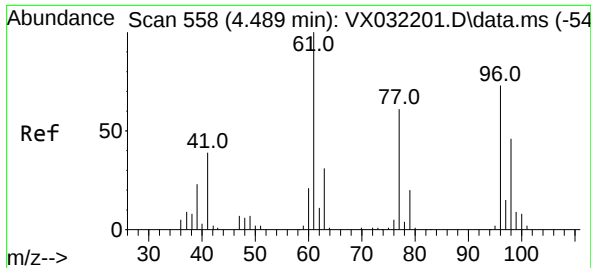
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#26
2,2-Dichloropropane
Concen: 3.296 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.018 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

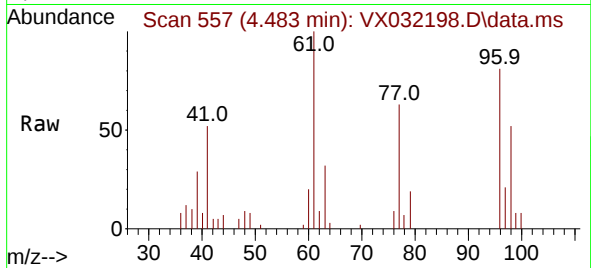
Tgt Ion: 77 Resp: 7083
Ion Ratio Lower Upper
77 100
97 26.8 11.7 35.1





#27
 cis-1,2-Dichloroethene
 Concen: 4.899 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.012 min
 Lab File: VX032198.D
 Acq: 19 Oct 2022 11:22

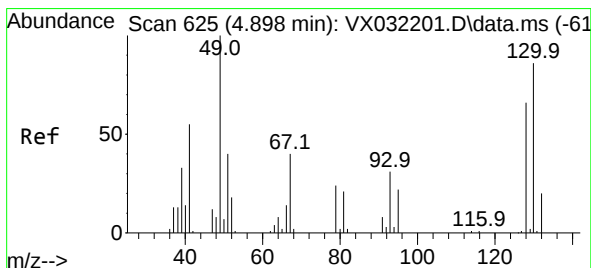
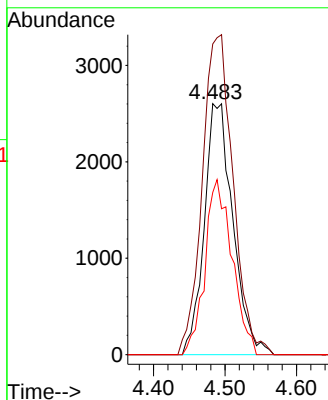
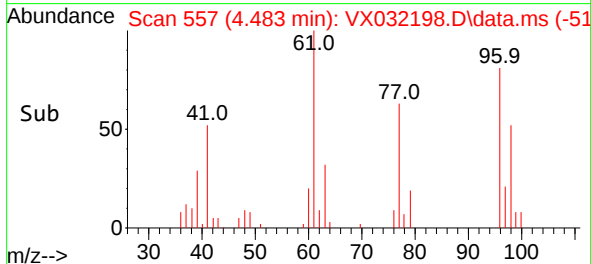
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



Tgt Ion: 96 Resp: 725
 Ion Ratio Lower Upper
 96 100
 61 136.9 0.0 285.6
 98 65.9 0.0 129.6

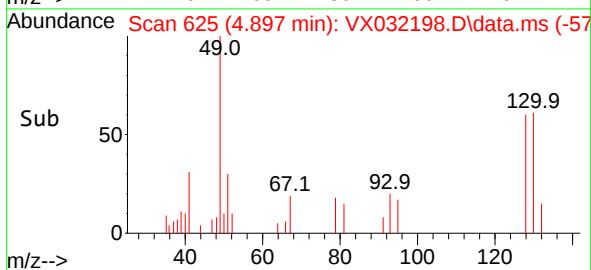
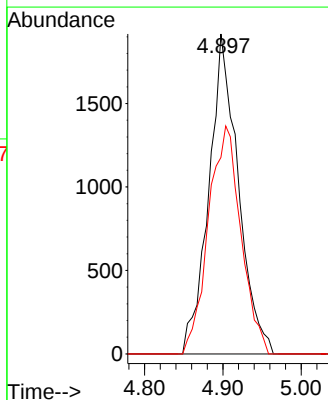
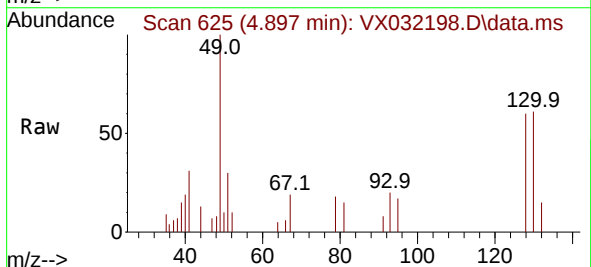
Manual Integrations
 APPROVED

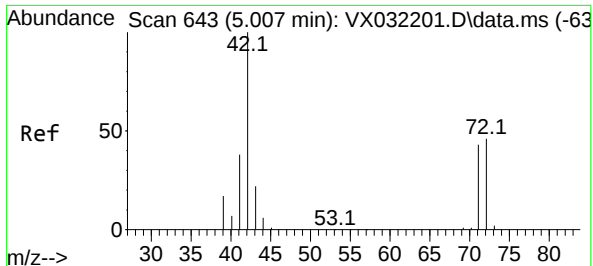
Reviewed By :John Carlone 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022



#28
 Bromochloromethane
 Concen: 4.996 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.013 min
 Lab File: VX032198.D
 Acq: 19 Oct 2022 11:22

Tgt Ion: 49 Resp: 4995
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.0
 130 78.7 68.2 102.2





#29

Tetrahydrofuran

Concen: 18.636 ug/l

RT: 5.013 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

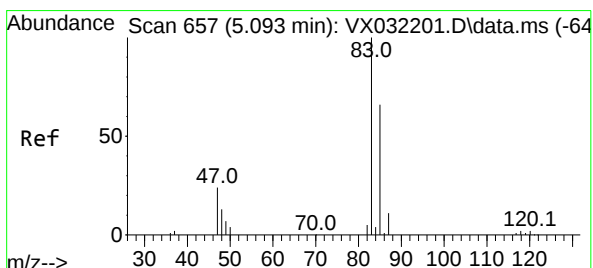
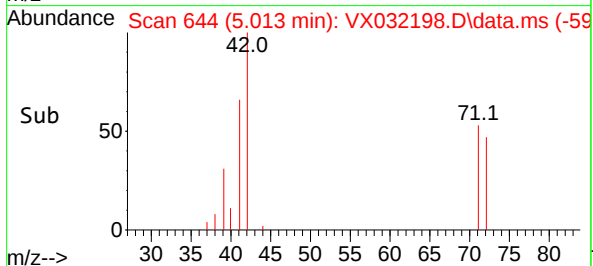
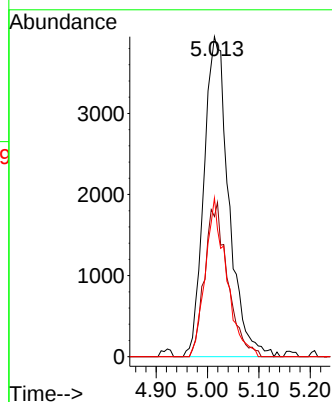
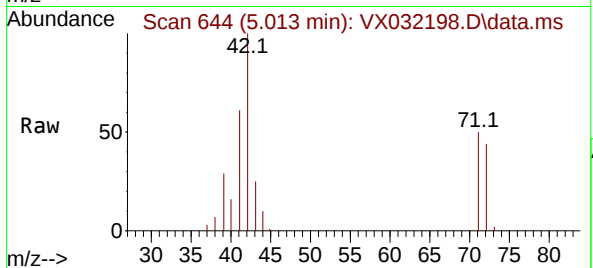
Tgt Ion:	42	Resp:	1327
Ion	Ratio	Lower	Upper
42	100		
72	44.5	41.7	62.5
71	42.3	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#30

Chloroform

Concen: 4.571 ug/l

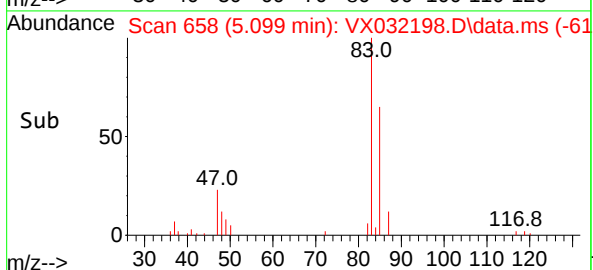
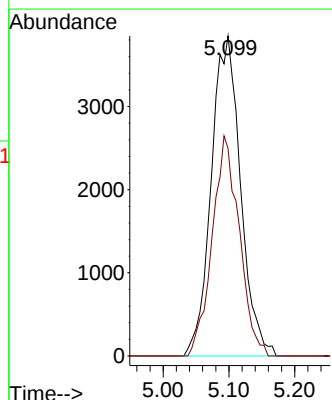
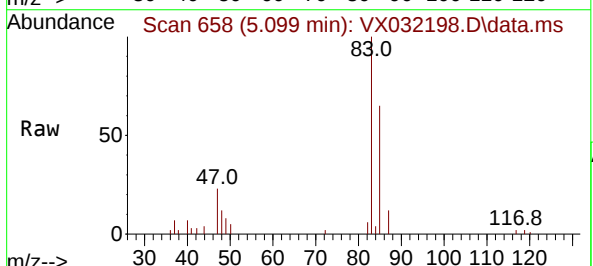
RT: 5.099 min Scan# 658

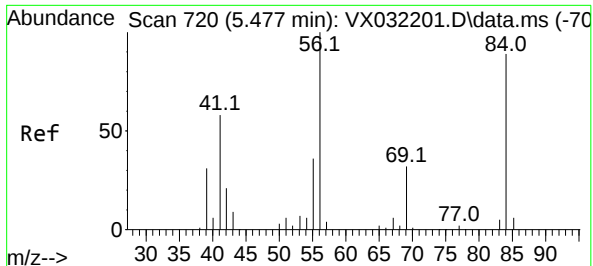
Delta R.T. -0.006 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

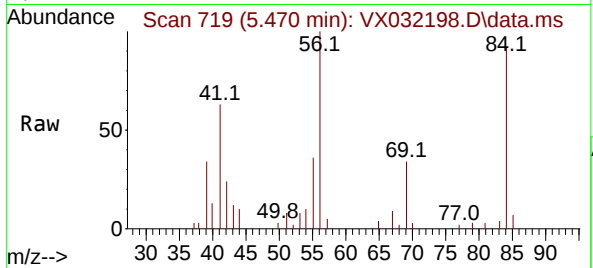
Tgt Ion:	83	Resp:	11927
Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.0	78.0





#31
Cyclohexane
Concen: 4.433 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.007 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

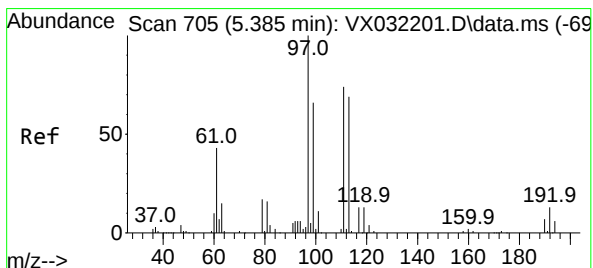
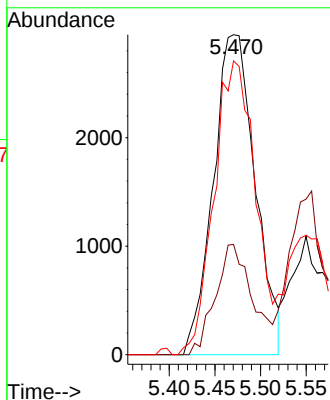
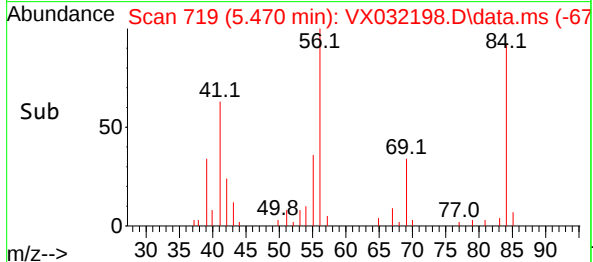
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 9390
Ion Ratio Lower Upper
56 100
69 34.5 25.3 37.9
84 91.8 71.4 107.0

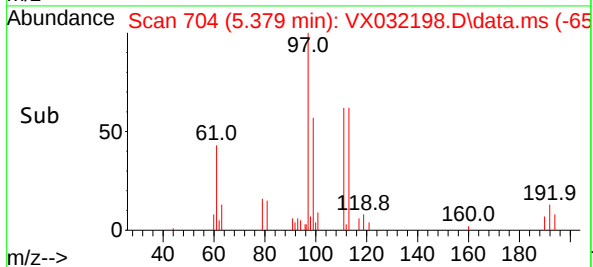
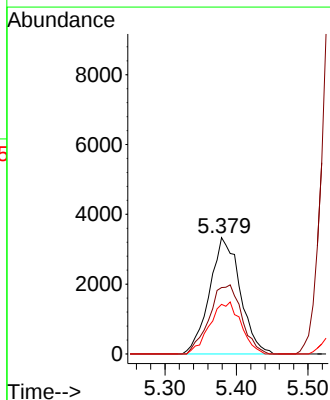
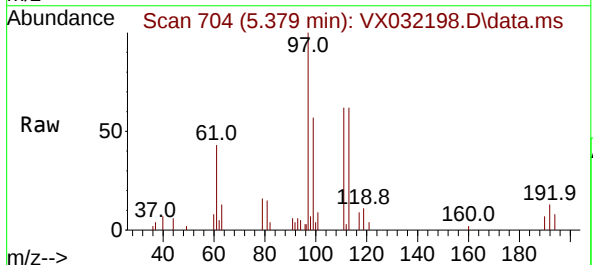
Manual Integrations
APPROVED

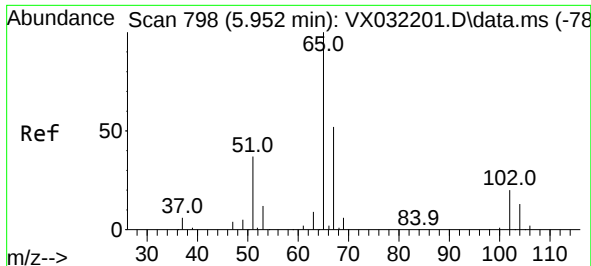
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#32
1,1,1-Trichloroethane
Concen: 4.246 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.018 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion: 97 Resp: 9916
Ion Ratio Lower Upper
97 100
99 62.3 51.5 77.3
61 45.3 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 4.687 ug/l

RT: 5.958 min Scan# 798

Delta R.T. -0.013 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 849

Ion Ratio Lower Upper

65 100

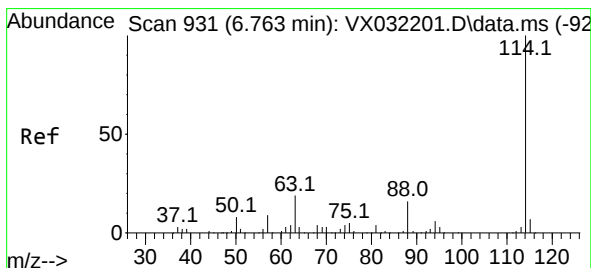
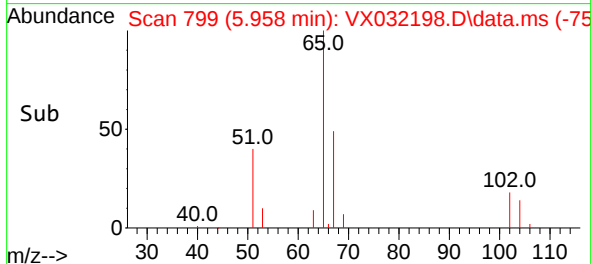
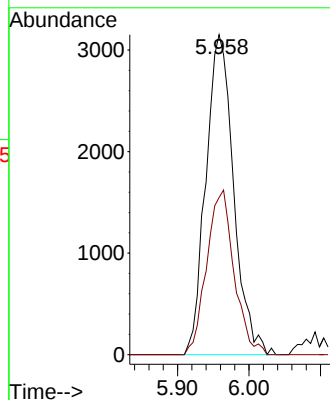
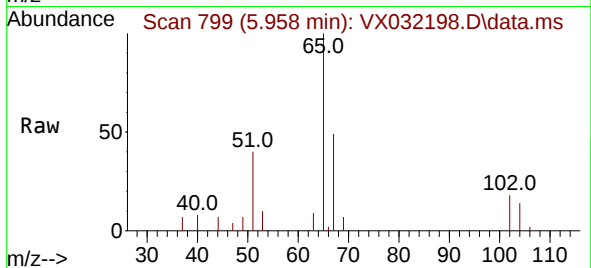
67 50.8 0.0 105.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

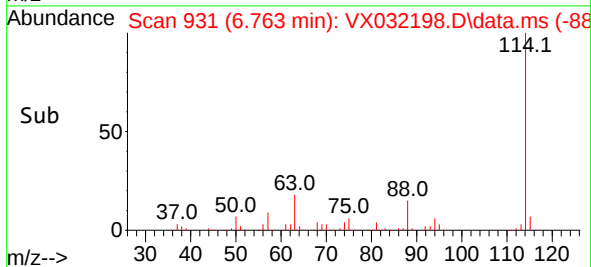
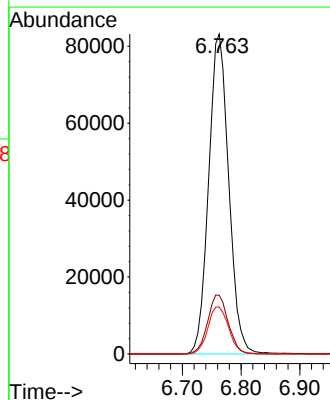
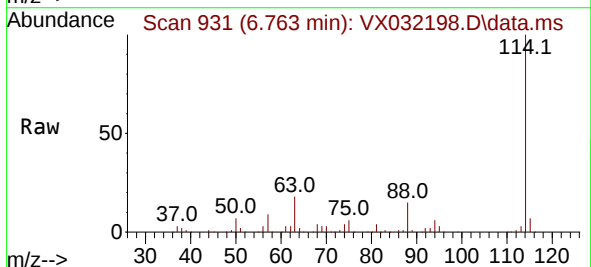
Tgt Ion:114 Resp: 197440

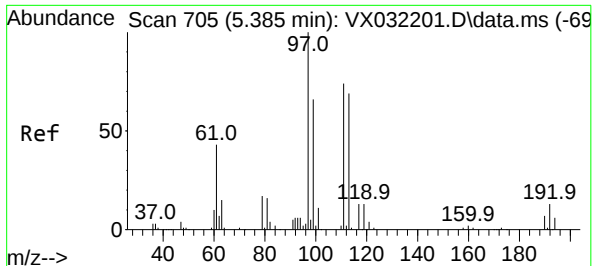
Ion Ratio Lower Upper

114 100

63 18.3 0.0 40.8

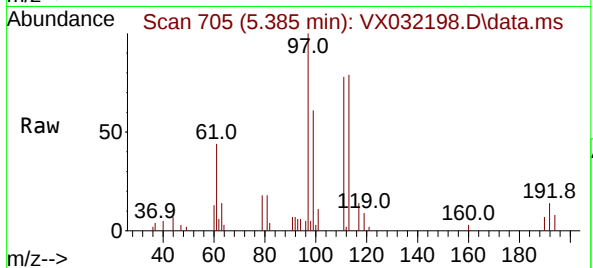
88 14.7 0.0 32.8





#35
Dibromofluoromethane
Concen: 5.404 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

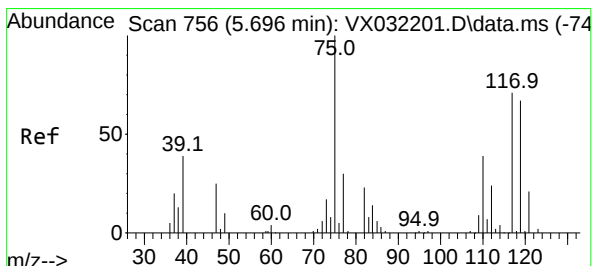
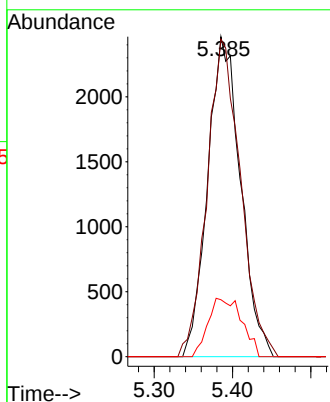
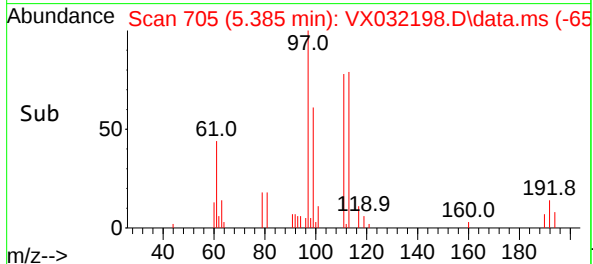
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:113 Resp: 715
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 18.7 16.7 25.1

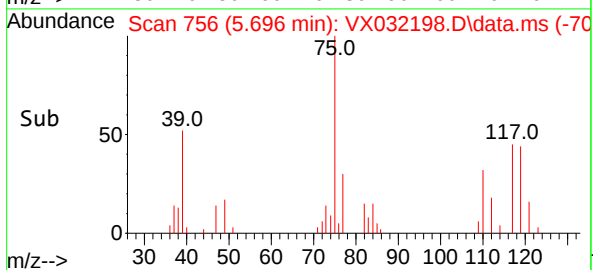
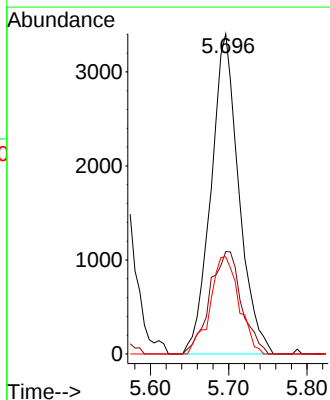
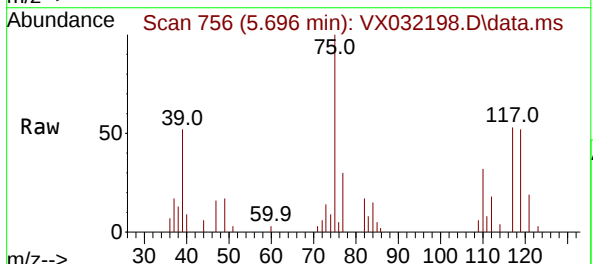
Manual Integrations
APPROVED

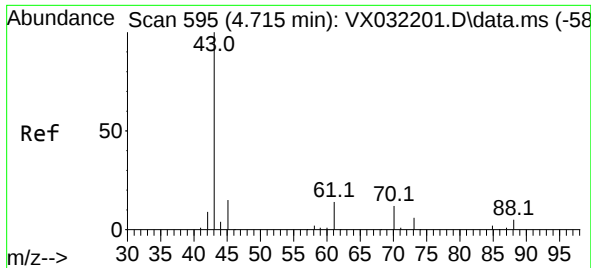
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#36
1,1-Dichloropropene
Concen: 4.638 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.006 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion: 75 Resp: 8419
Ion Ratio Lower Upper
75 100
110 36.5 18.1 54.4
77 31.6 25.3 37.9





#37

Ethyl Acetate

Concen: 3.776 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.018 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

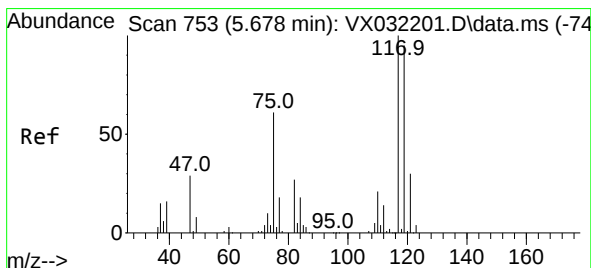
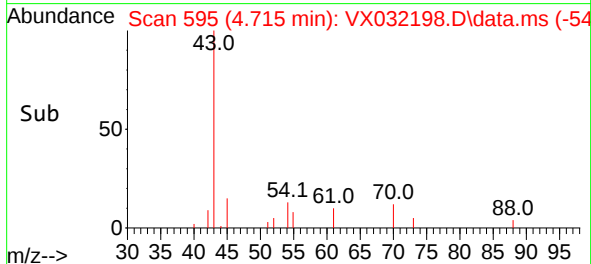
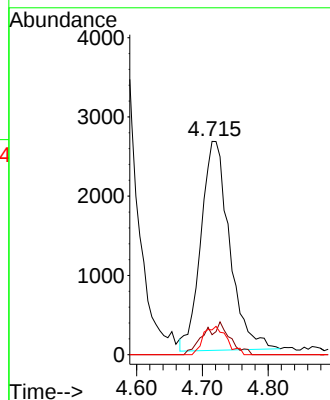
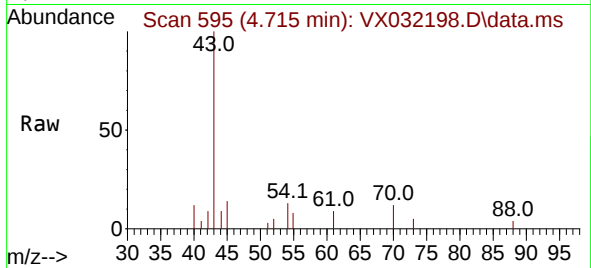
Tgt Ion: 43	Resp: 798
Ion Ratio	Lower Upper
43 100	
61 14.0	12.8 19.2
70 11.1	10.5 15.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#38

Carbon Tetrachloride

Concen: 4.146 ug/l

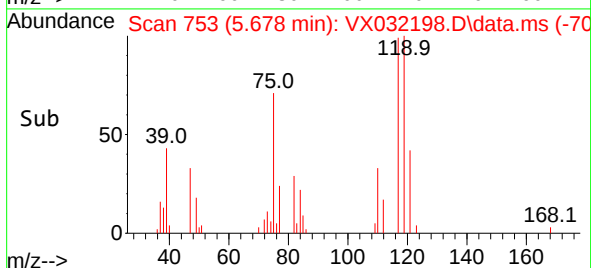
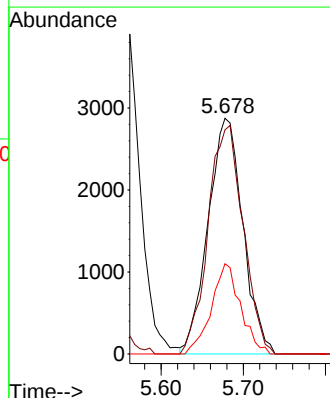
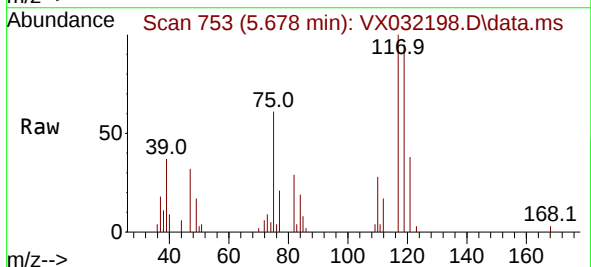
RT: 5.678 min Scan# 753

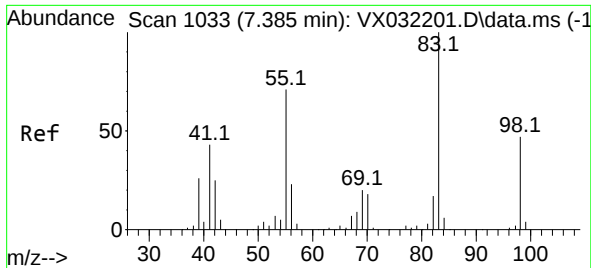
Delta R.T. -0.006 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Tgt Ion: 117	Resp: 8471
Ion Ratio	Lower Upper
117 100	
119 95.1	76.2 114.2
121 38.3	24.8 37.2





#39
Methylcyclohexane
Concen: 4.843 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

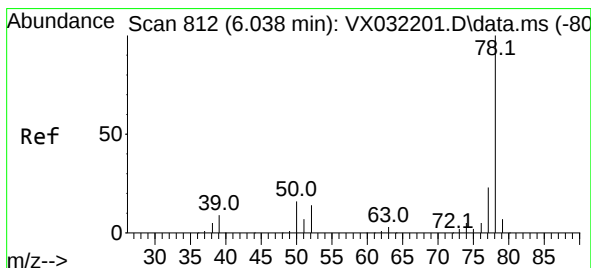
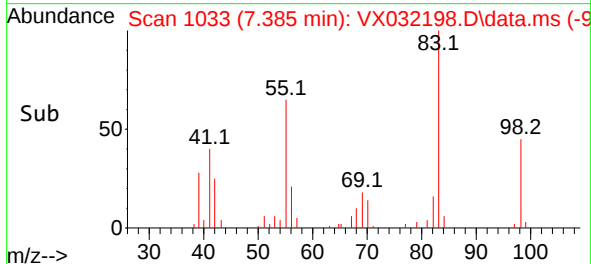
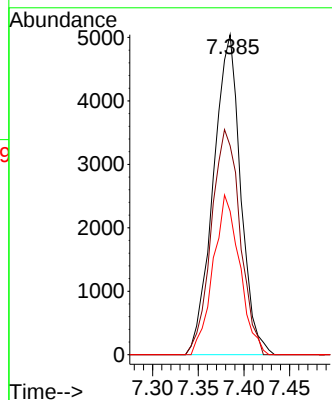
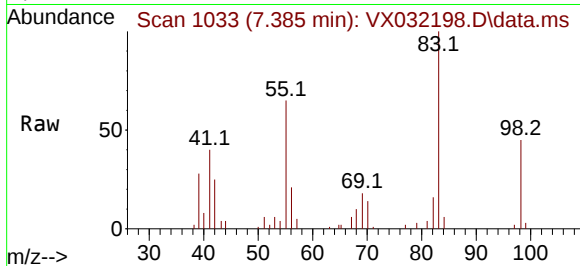
Tgt Ion: 83 Resp: 1049
Ion Ratio Lower Upper
83 100
55 65.3 58.9 88.3
98 44.8 38.1 57.1

Manual Integrations

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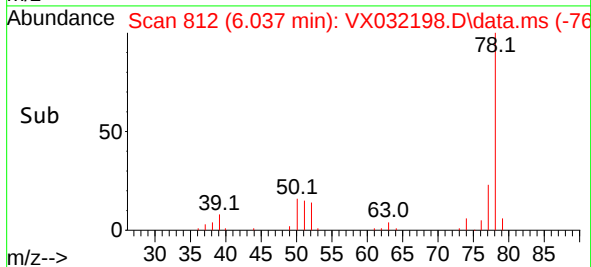
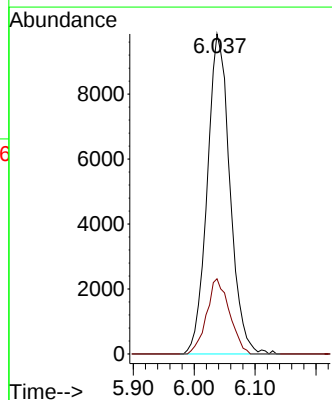
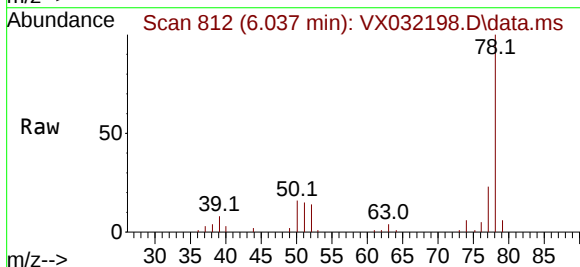
Reviewed By :John Carlone 10/20/2022

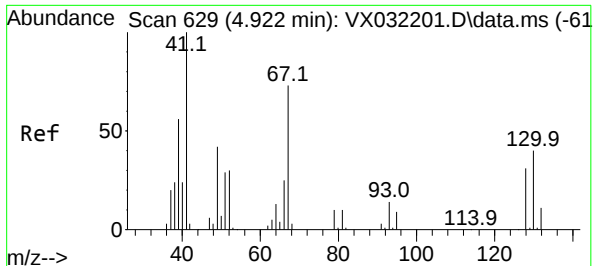
Supervised By :Mahesh Dadoda 10/20/2022



#40
Benzene
Concen: 4.892 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.013 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

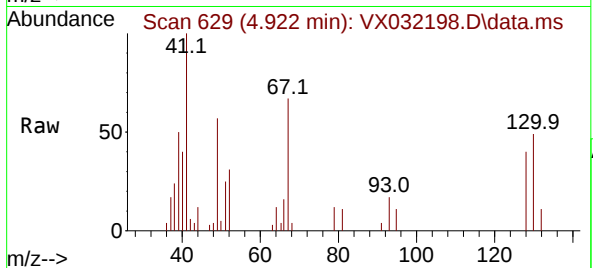
Tgt Ion: 78 Resp: 25472
Ion Ratio Lower Upper
78 100
77 23.5 18.9 28.3





#41
Methacrylonitrile
Concen: 3.705 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

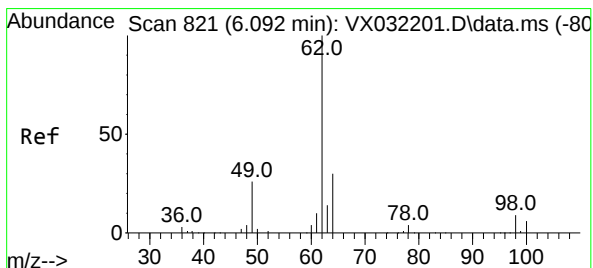
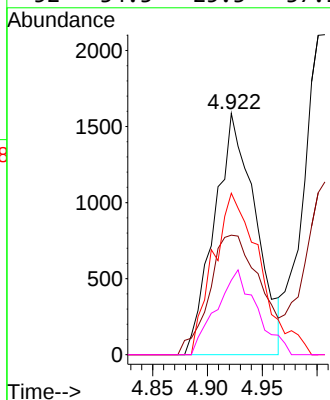
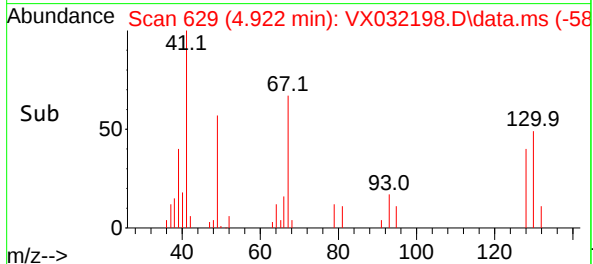
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 4179
Ion Ratio Lower Upper
41 100
39 60.2 42.5 63.7
67 75.7 65.0 97.6
52 34.3 25.3 37.9

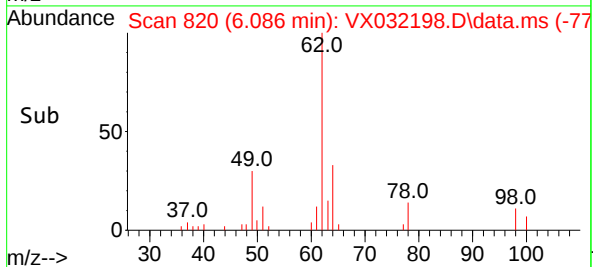
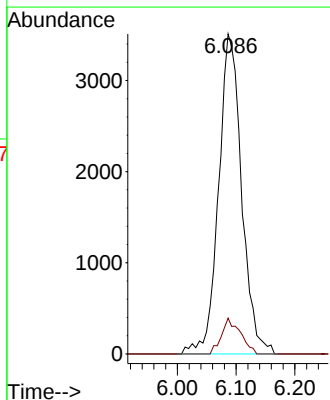
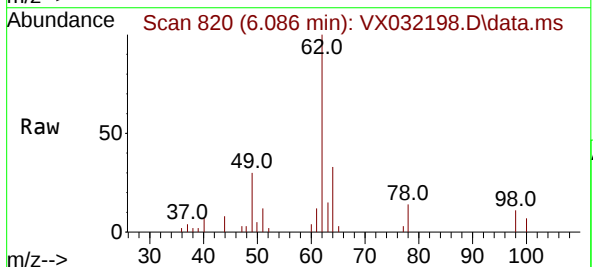
Manual Integrations
APPROVED

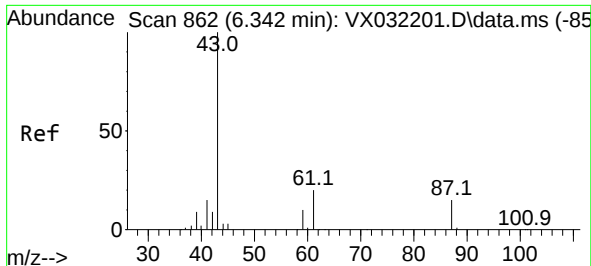
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#42
1,2-Dichloroethane
Concen: 4.407 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.013 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion: 62 Resp: 9568
Ion Ratio Lower Upper
62 100
98 9.2 0.0 20.2





#43

Isopropyl Acetate

Concen: 3.719 ug/l

RT: 6.348 min Scan# 80

Delta R.T. -0.001 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

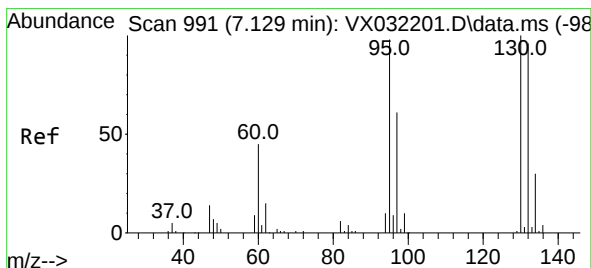
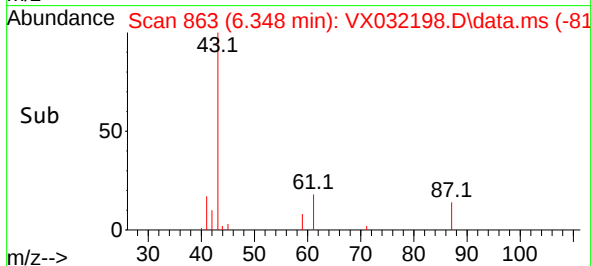
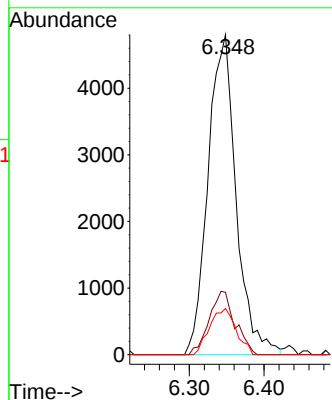
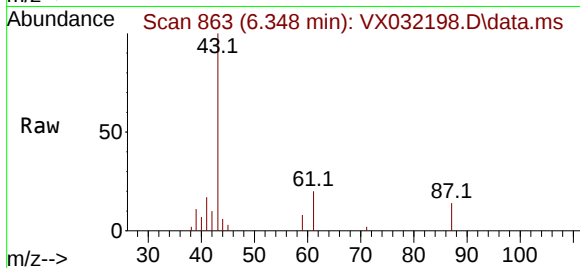
Tgt Ion: 43	Resp: 1252
Ion Ratio	Lower Upper
43	100
61	18.2 18.2 27.4
87	13.6 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#44

Trichloroethene

Concen: 4.649 ug/l

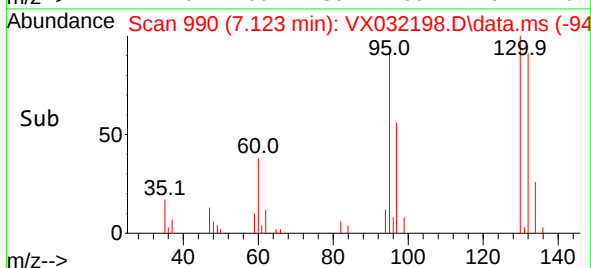
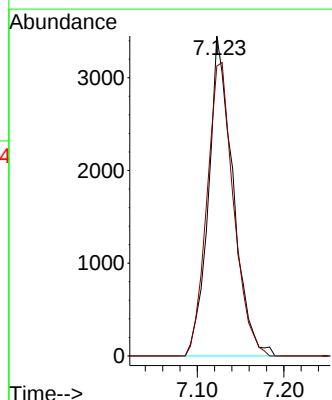
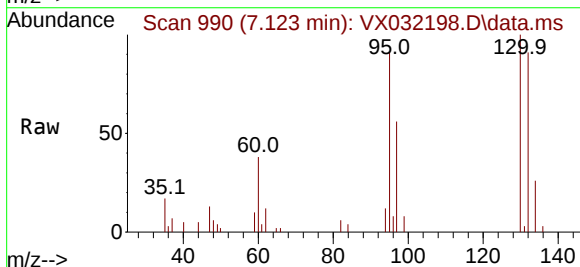
RT: 7.123 min Scan# 990

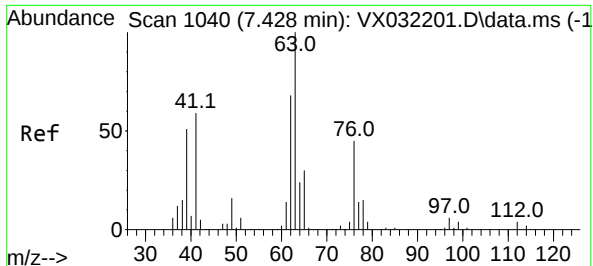
Delta R.T. -0.012 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Tgt Ion:130	Resp: 6800
Ion Ratio	Lower Upper
130	100
95	90.6 0.0 198.0





#45

1,2-Dichloropropane

Concen: 4.433 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 609

Ion Ratio Lower Upper

63 100

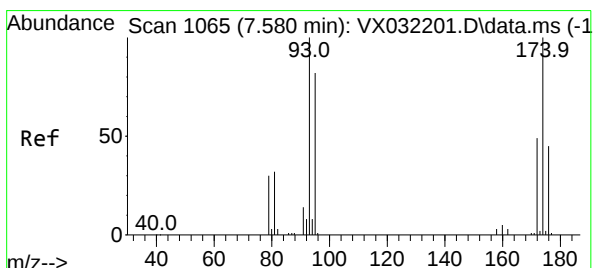
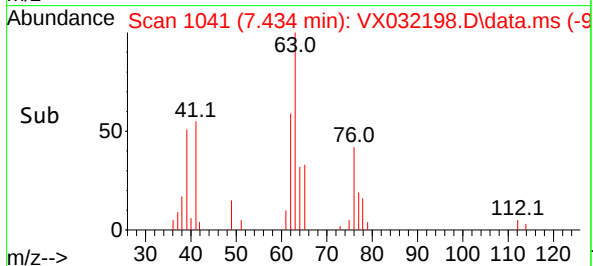
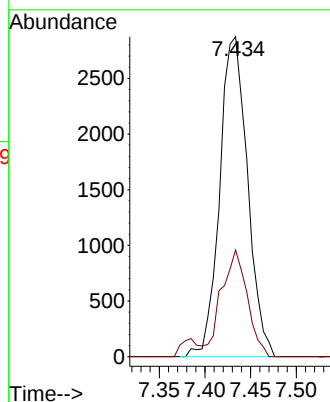
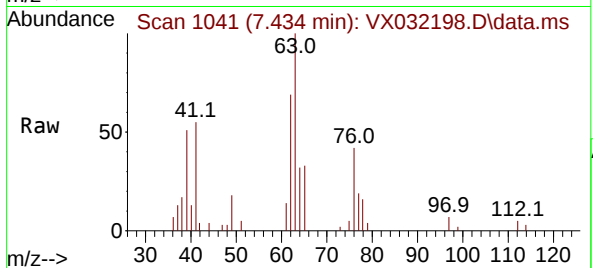
65 33.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#46

Dibromomethane

Concen: 4.461 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

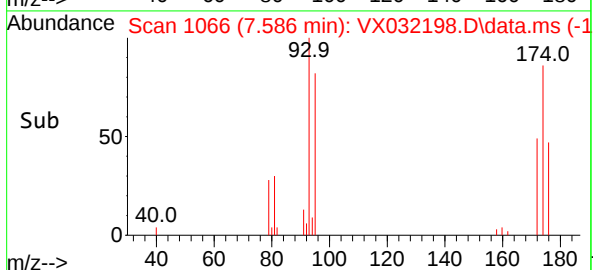
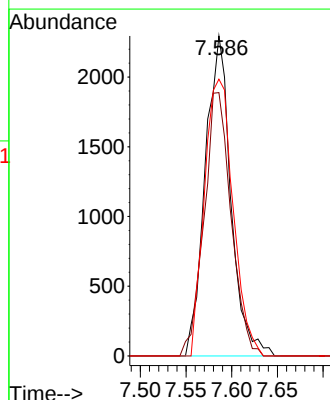
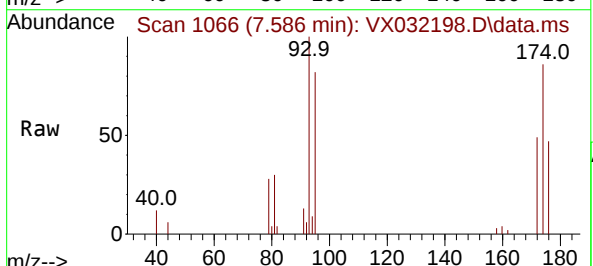
Tgt Ion: 93 Resp: 4487

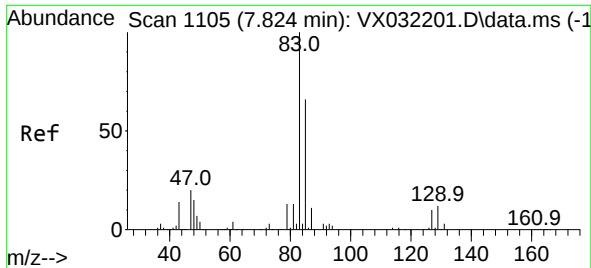
Ion Ratio Lower Upper

93 100

95 86.6 66.8 100.2

174 96.3 83.1 124.7





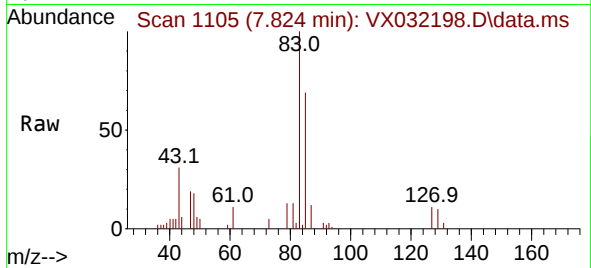
#47
Bromodichloromethane
Concen: 4.399 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005



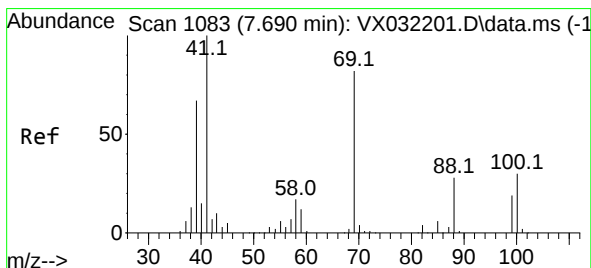
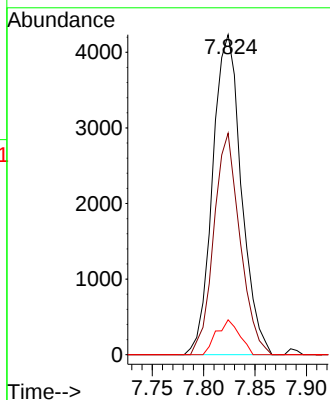
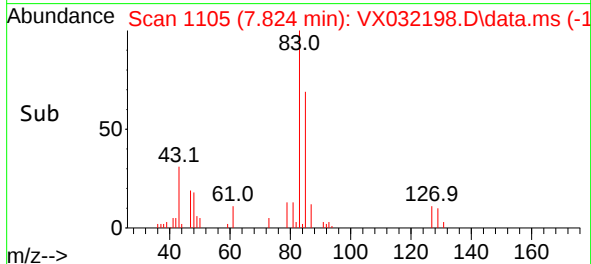
Tgt Ion: 83 Resp: 822
Ion Ratio Lower Upper
83 100
85 69.2 51.4 77.0
127 10.9 6.8 10.2

Manual Integrations

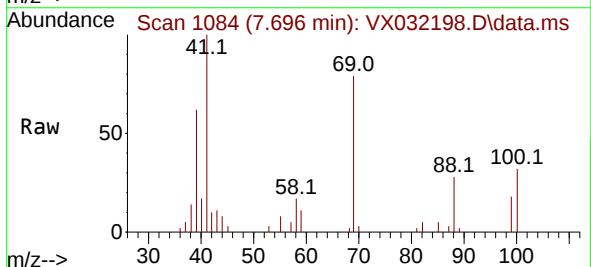
APPROVED

Reviewed By :John Carlone 10/20/2022

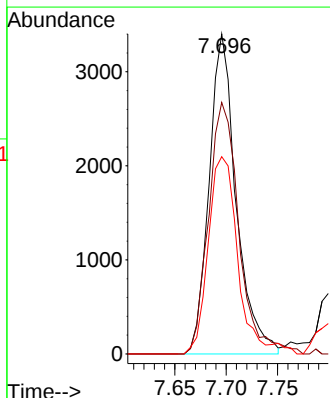
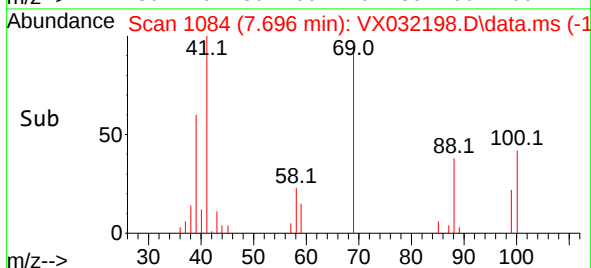
Supervised By :Mahesh Dadoda 10/20/2022

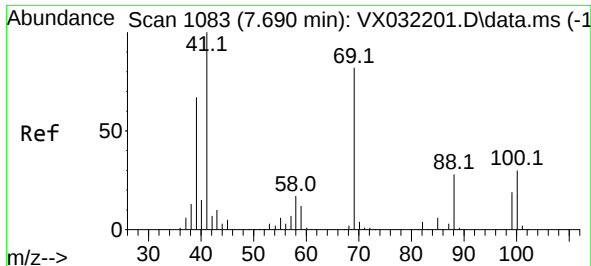


#48
Methyl methacrylate
Concen: 3.702 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22



Tgt Ion: 41 Resp: 6220
Ion Ratio Lower Upper
41 100
69 88.4 76.0 114.0
39 67.6 44.6 67.0#





#49

1,4-Dioxane

Concen: 81.588 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.037 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

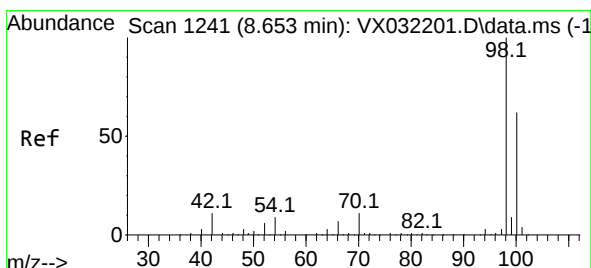
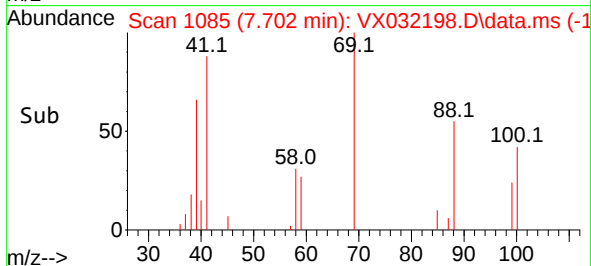
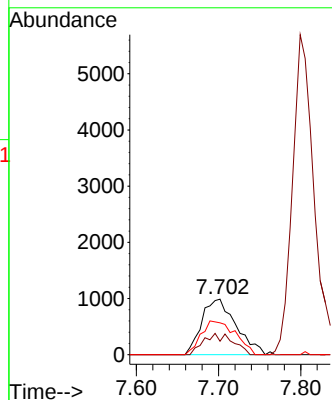
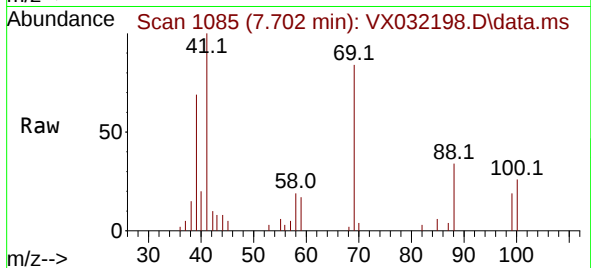
Tgt Ion:	88	Resp:	2870
Ion	Ratio	Lower	Upper
88	100		
43	32.5	23.2	34.8
58	60.1	55.0	82.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#50

Toluene-d8

Concen: 5.151 ug/l

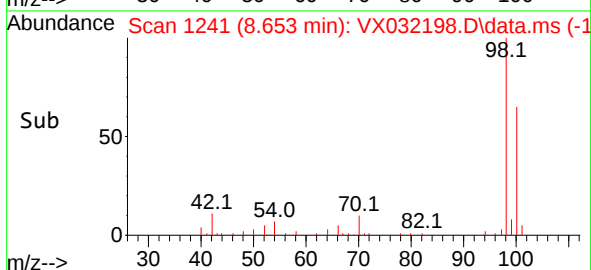
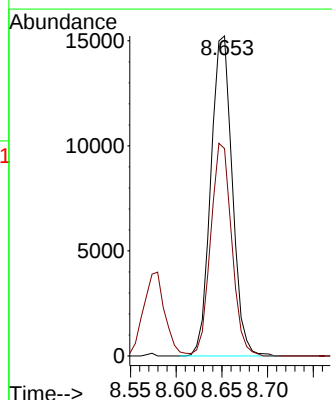
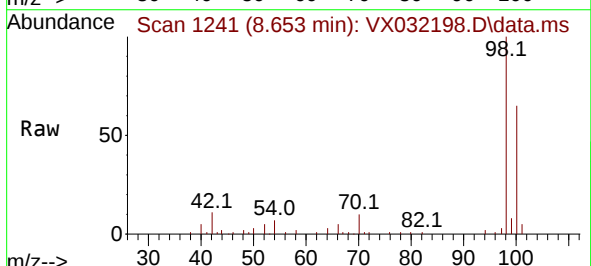
RT: 8.653 min Scan# 1241

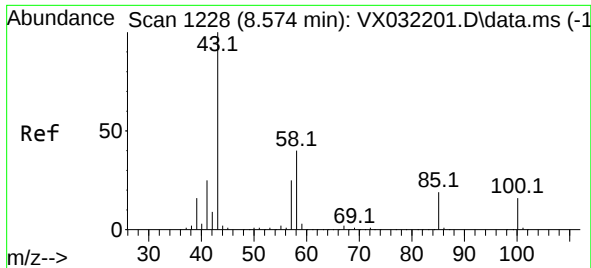
Delta R.T. -0.000 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Tgt Ion:	98	Resp:	24846
Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.9	77.9





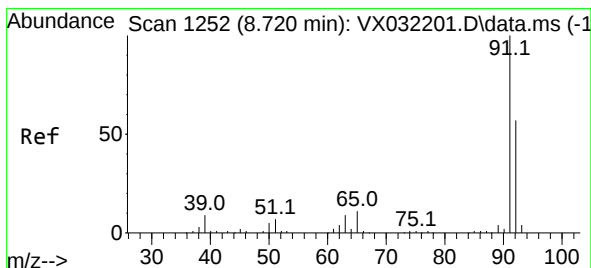
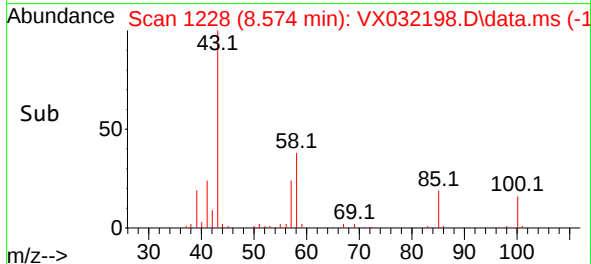
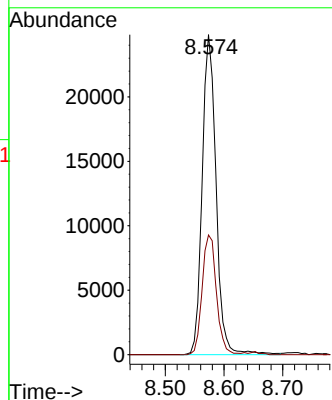
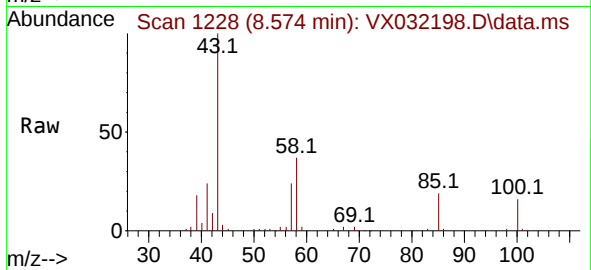
#51
4-Methyl-2-Pentanone
Concen: 19.038 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 4084
Ion Ratio Lower Upper
43 100
58 38.4 35.4 53.0

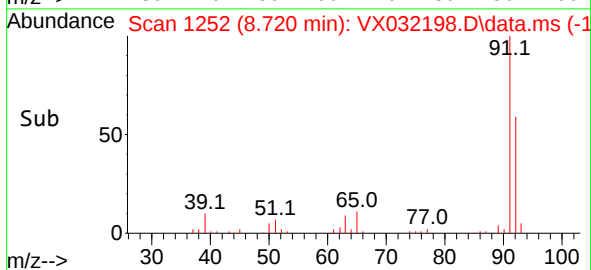
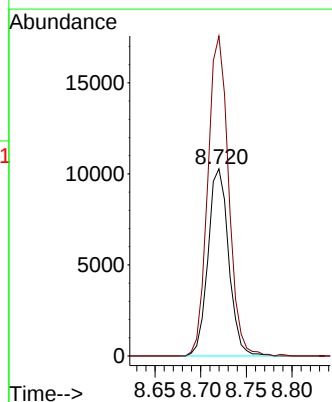
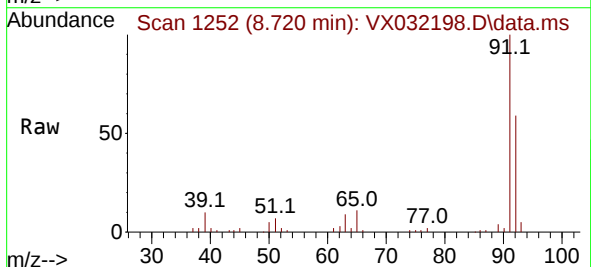
Manual Integrations
APPROVED

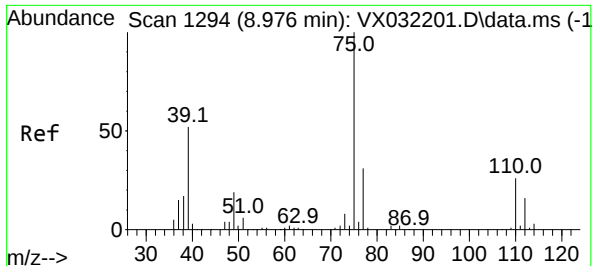
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#52
Toluene
Concen: 4.723 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion: 92 Resp: 16117
Ion Ratio Lower Upper
92 100
91 172.1 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 3.445 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 7308

Ion Ratio Lower Upper

75 100

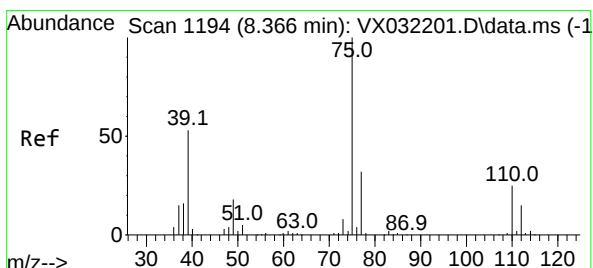
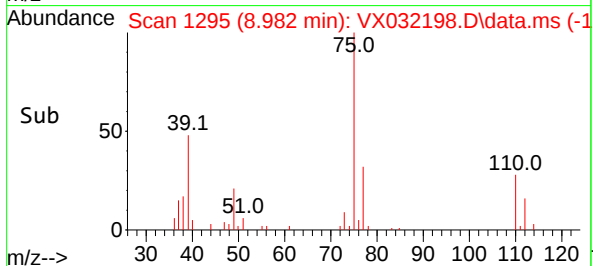
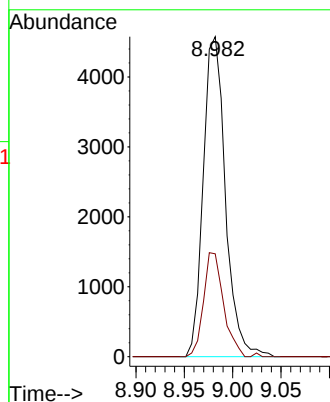
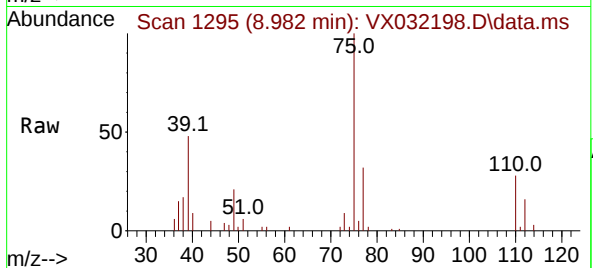
77 32.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#54

cis-1,3-Dichloropropene

Concen: 3.911 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.007 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

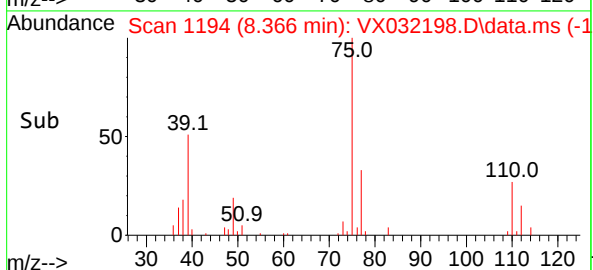
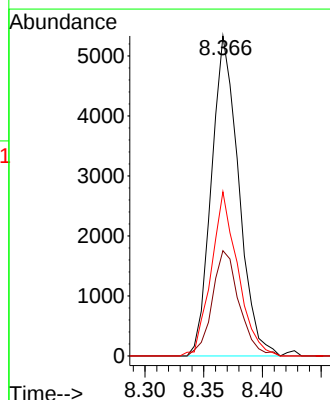
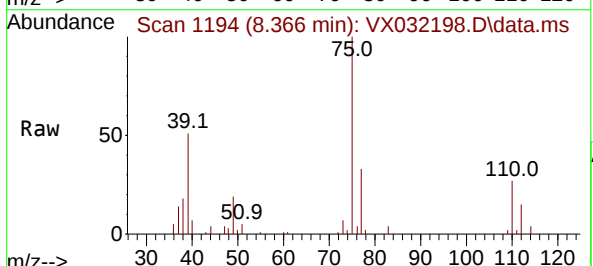
Tgt Ion: 75 Resp: 8585

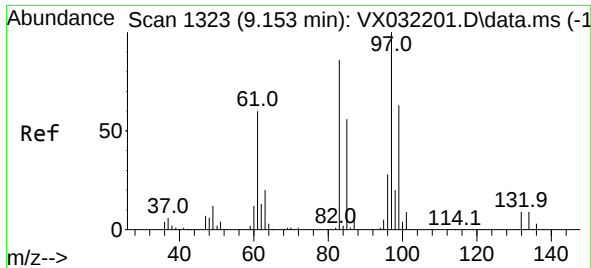
Ion Ratio Lower Upper

75 100

77 32.9 25.7 38.5

39 51.3 35.1 52.7





#55
1,1,2-Trichloroethane
Concen: 4.418 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

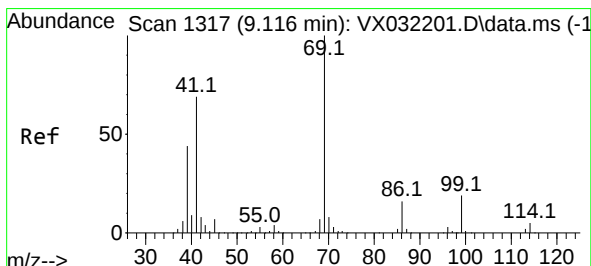
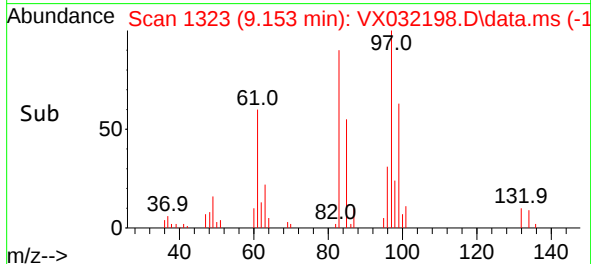
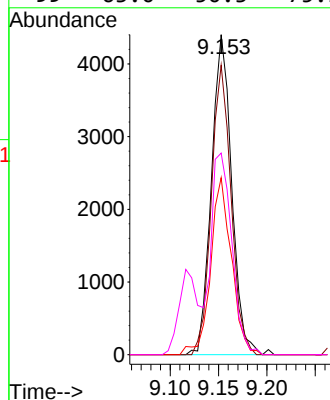
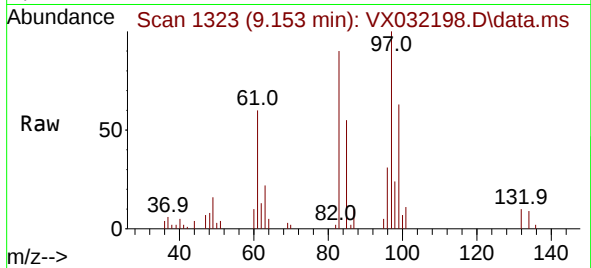
VSTDIC005

Tgt Ion: 97 Resp: 642
Ion Ratio Lower Upper
97 100
83 90.4 69.3 103.9
85 55.3 44.3 66.5
99 63.0 50.3 75.5

Manual Integrations

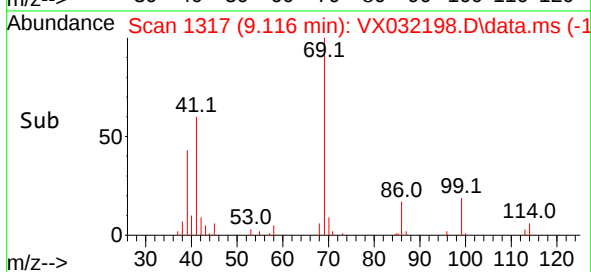
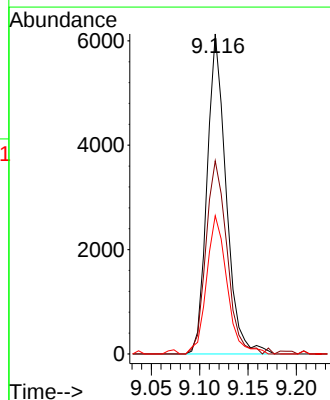
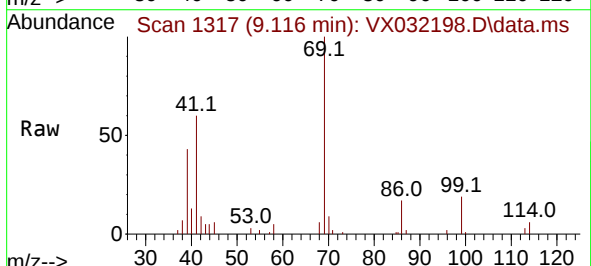
APPROVED

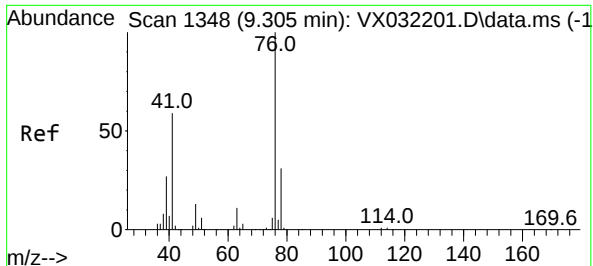
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#56
Ethyl methacrylate
Concen: 3.861 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion: 69 Resp: 8414
Ion Ratio Lower Upper
69 100
41 66.5 46.8 70.2
39 46.4 24.7 37.1





#57

1,3-Dichloropropane

Concen: 4.469 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 10570

Ion Ratio Lower Upper

76 100

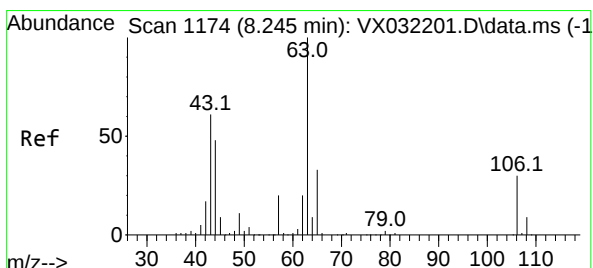
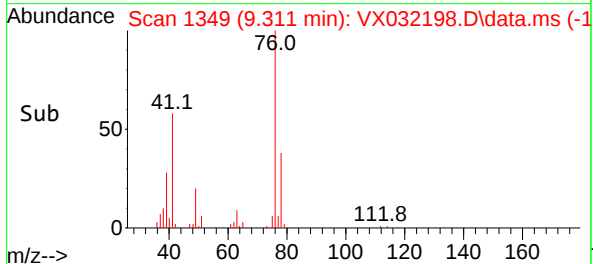
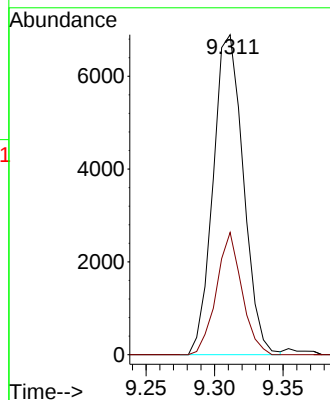
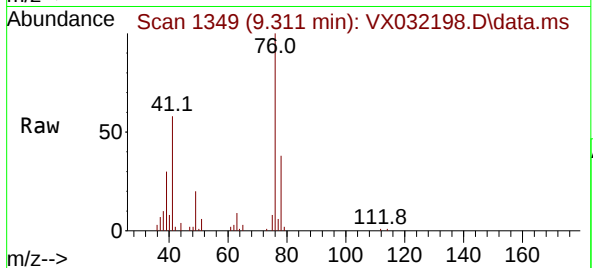
78 32.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#58

2-Chloroethyl Vinyl ether

Concen: 21.782 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.007 min

Lab File: VX032198.D

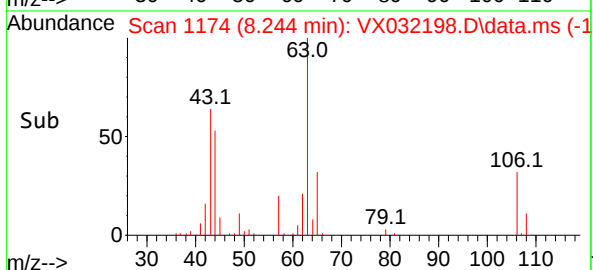
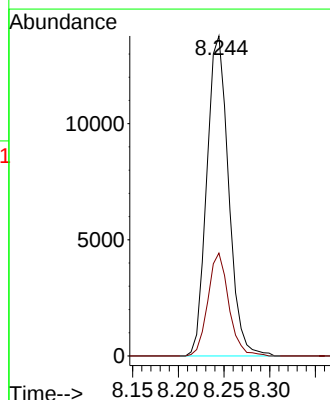
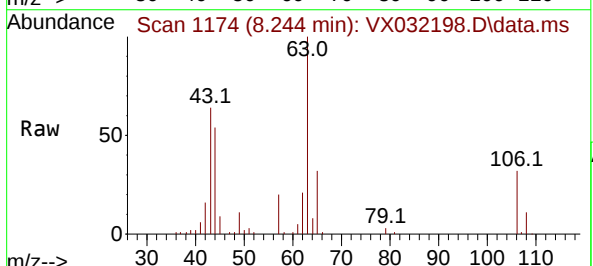
Acq: 19 Oct 2022 11:22

Tgt Ion: 63 Resp: 22908

Ion Ratio Lower Upper

63 100

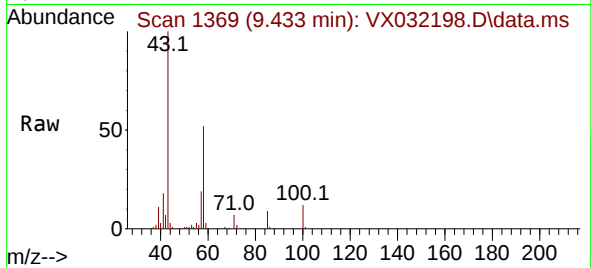
106 30.8 23.5 35.3





#59
2-Hexanone
Concen: 17.734 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

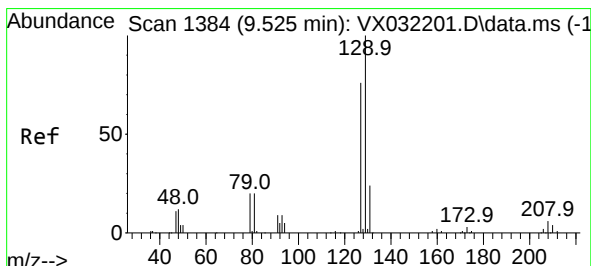
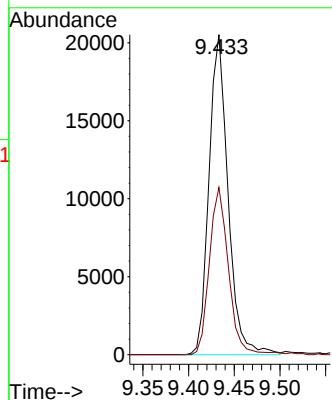
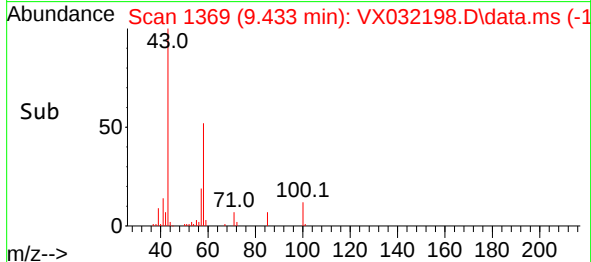
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 29648
Ion Ratio Lower Upper
43 100
58 52.4 30.9 92.8

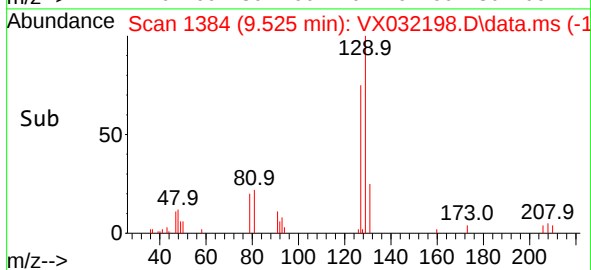
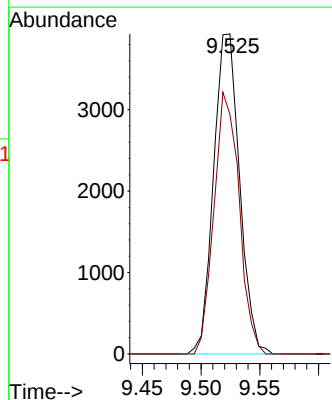
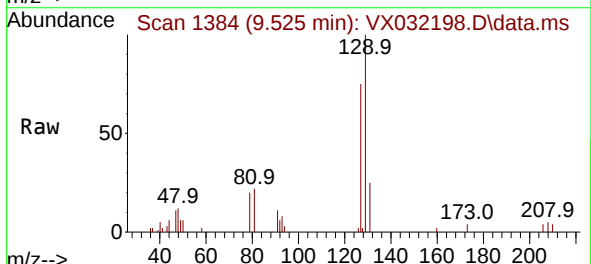
Manual Integrations
APPROVED

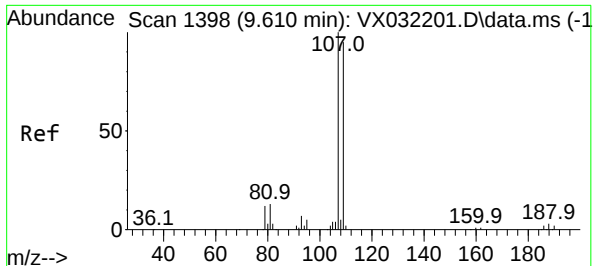
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#60
Dibromochloromethane
Concen: 4.127 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion:129 Resp: 6055
Ion Ratio Lower Upper
129 100
127 79.0 38.4 115.2





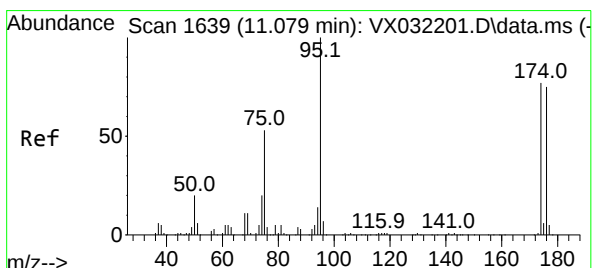
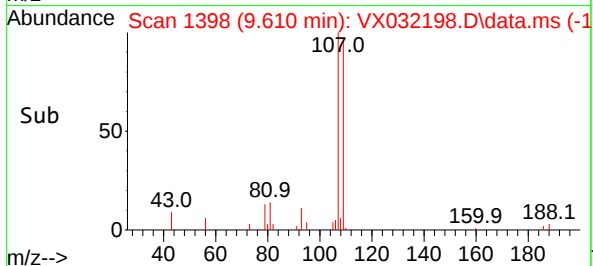
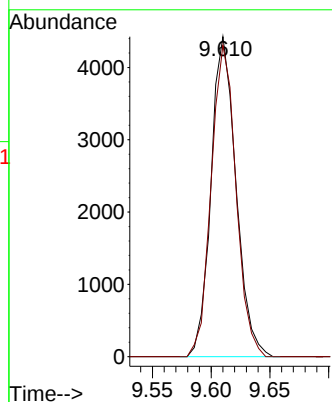
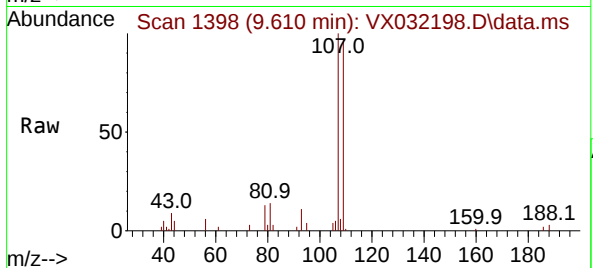
#61
1,2-Dibromoethane
Concen: 4.230 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 6550
Ion Ratio Lower Upper
107 100
109 96.5 75.8 113.6

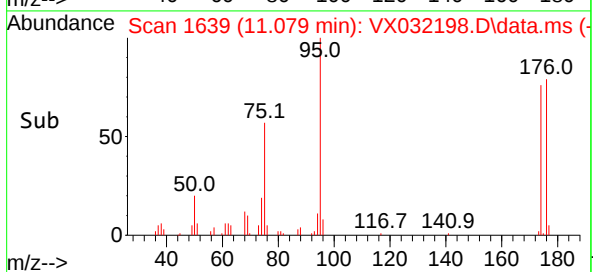
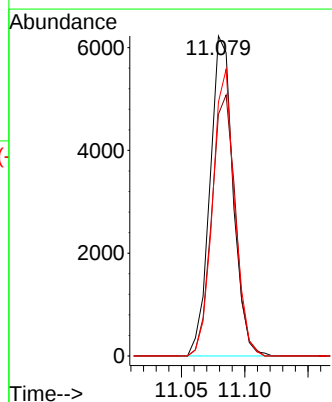
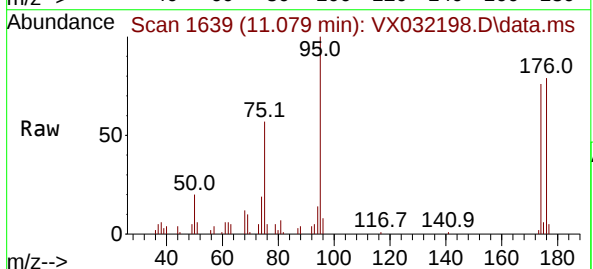
Manual Integrations
APPROVED

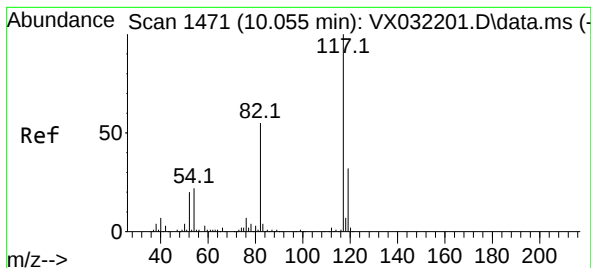
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#62
4-Bromofluorobenzene
Concen: 4.214 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

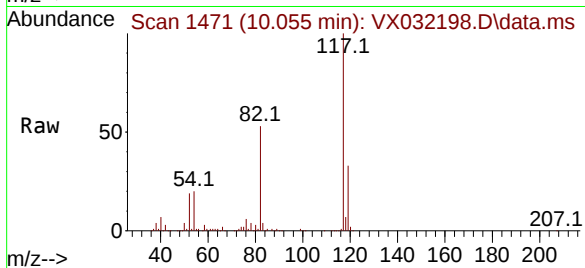
Tgt Ion: 95 Resp: 7911
Ion Ratio Lower Upper
95 100
174 83.3 0.0 154.6
176 85.3 0.0 155.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

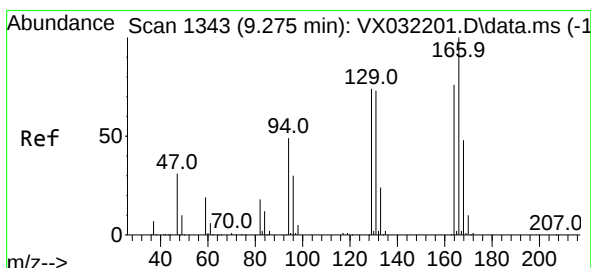
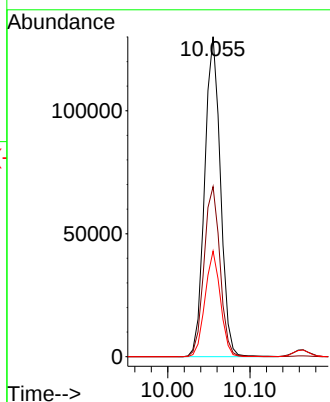
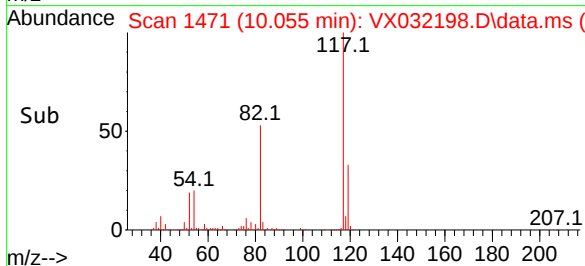
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 173469
Ion Ratio Lower Upper
117 100
82 53.2 47.4 71.2
119 33.0 26.6 39.8

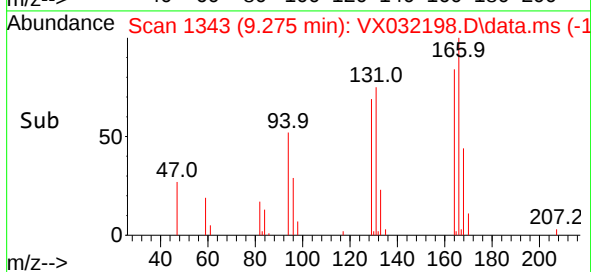
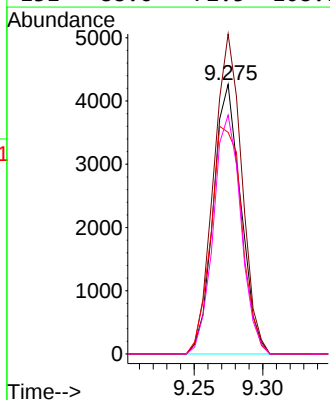
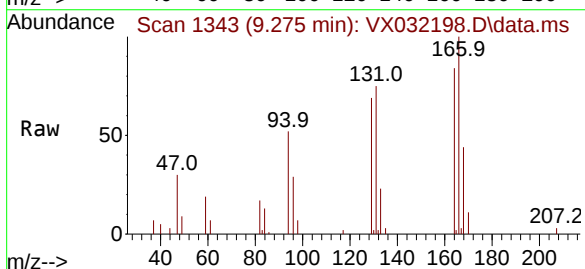
Manual Integrations
APPROVED

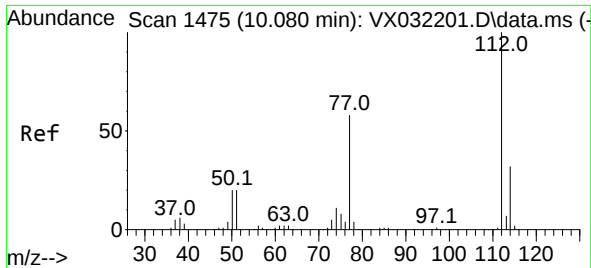
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#64
Tetrachloroethene
Concen: 4.437 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion:164 Resp: 5962
Ion Ratio Lower Upper
164 100
166 118.7 103.4 155.2
129 82.2 70.8 106.2
131 88.6 72.5 108.7





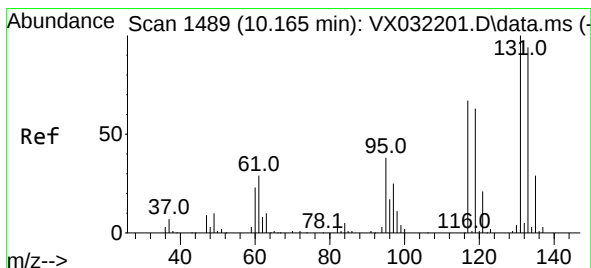
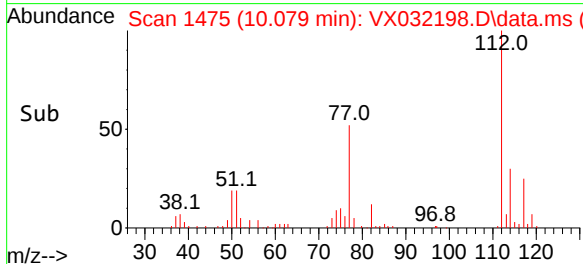
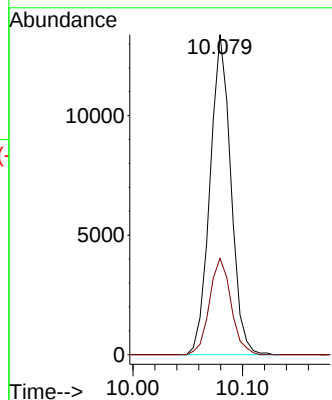
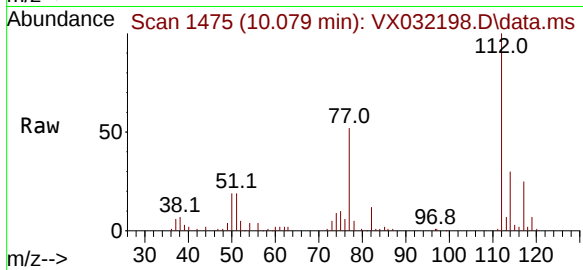
#65
Chlorobenzene
Concen: 4.950 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.007 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 1766
Ion Ratio Lower Upper
112 100
114 30.1 25.8 38.6

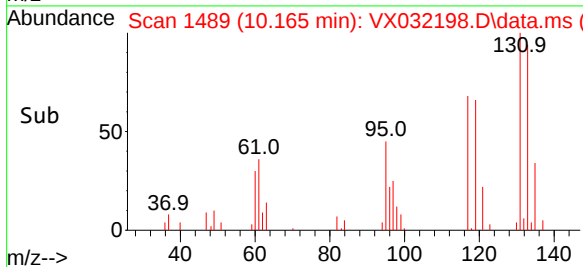
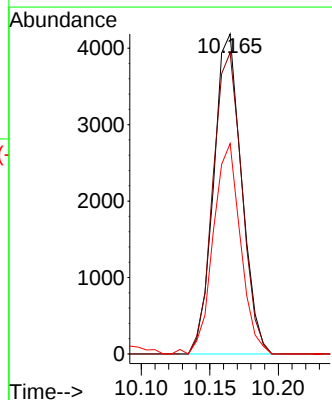
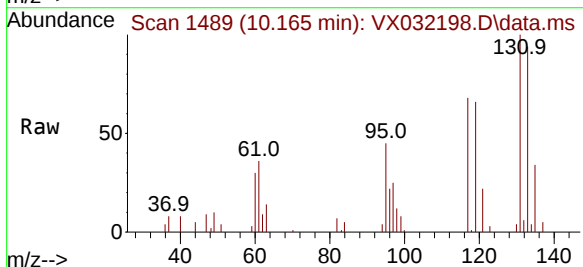
Manual Integrations
APPROVED

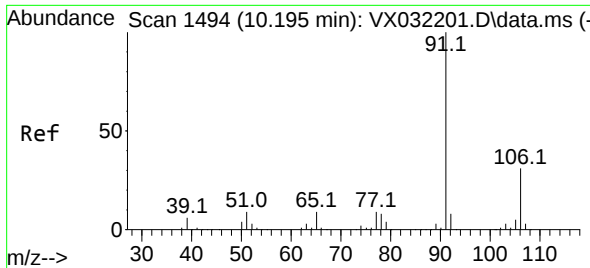
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 4.479 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion:131 Resp: 5924
Ion Ratio Lower Upper
131 100
133 97.4 47.7 143.1
119 64.3 32.1 96.5





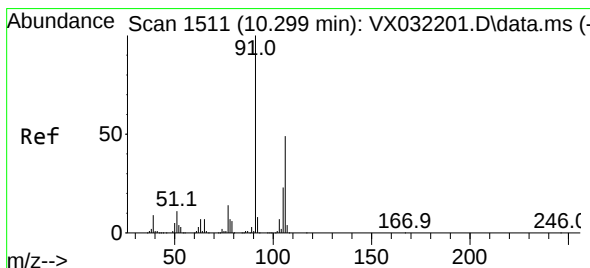
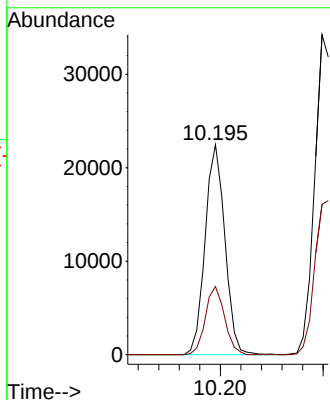
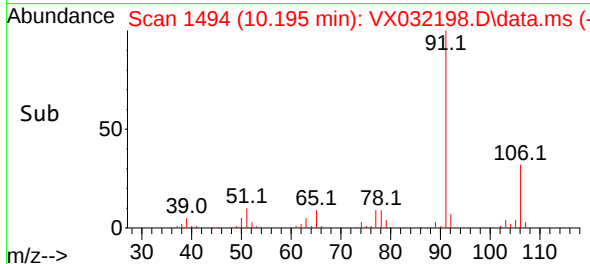
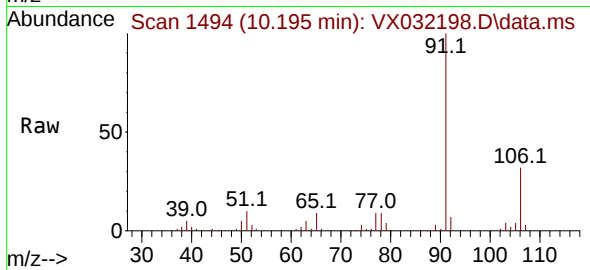
#67
Ethyl Benzene
Concen: 4.811 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 3003
Ion Ratio Lower Upper
91 100
106 32.5 24.6 37.0

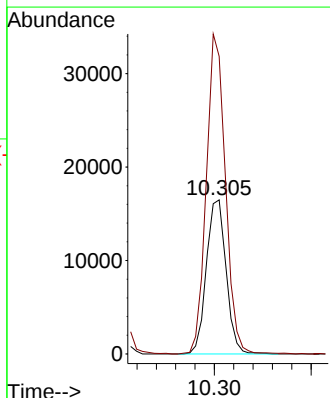
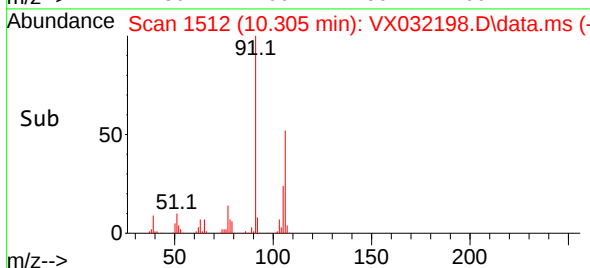
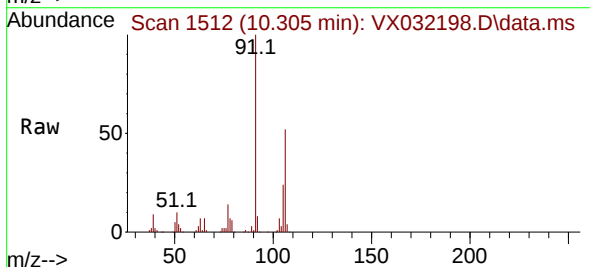
Manual Integrations
APPROVED

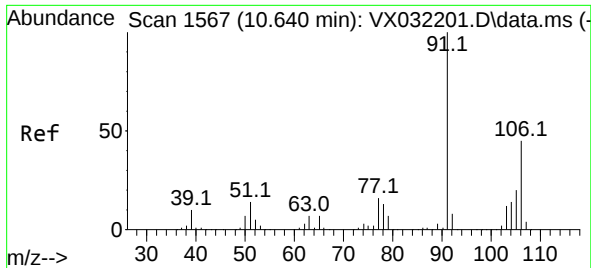
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#68
m/p-Xylenes
Concen: 9.798 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion:106 Resp: 23418
Ion Ratio Lower Upper
106 100
91 201.2 162.8 244.2





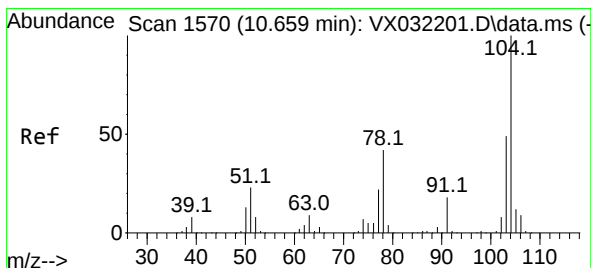
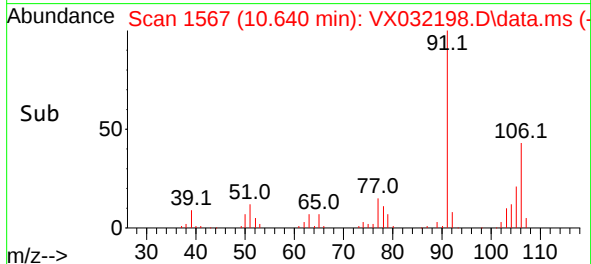
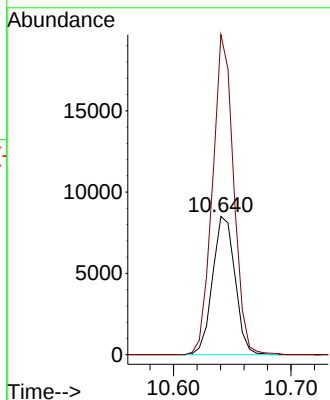
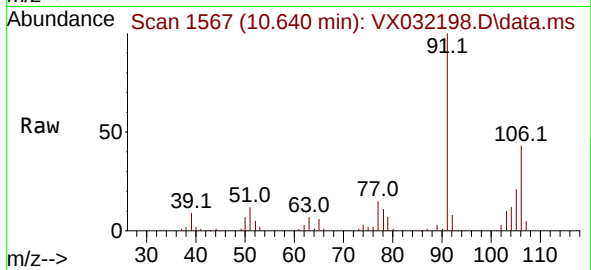
#69
o-Xylene
Concen: 4.728 ug/l
RT: 10.640 min Scan# 11280
Delta R.T. -0.007 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 11280
Ion Ratio Lower Upper
106 100
91 218.4 108.1 324.2

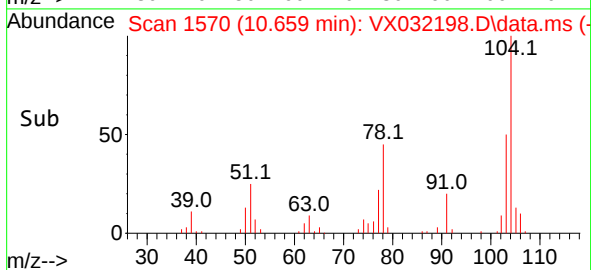
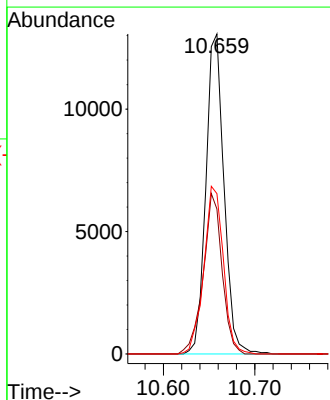
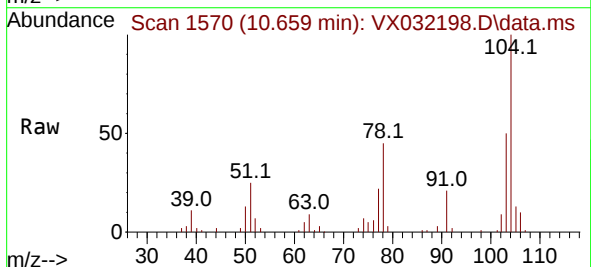
Manual Integrations
APPROVED

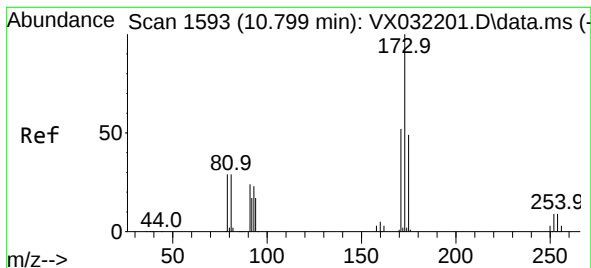
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#70
Styrene
Concen: 4.641 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion:104 Resp: 17964
Ion Ratio Lower Upper
104 100
78 52.1 40.0 60.0
103 56.5 43.4 65.0





#71

Bromoform

Concen: 3.980 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.006 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

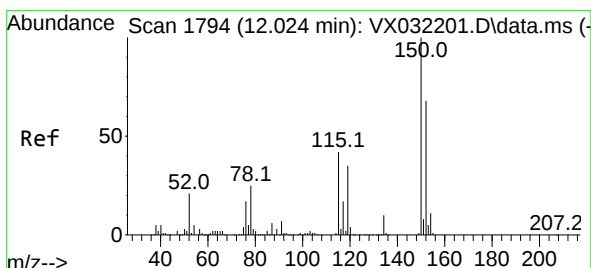
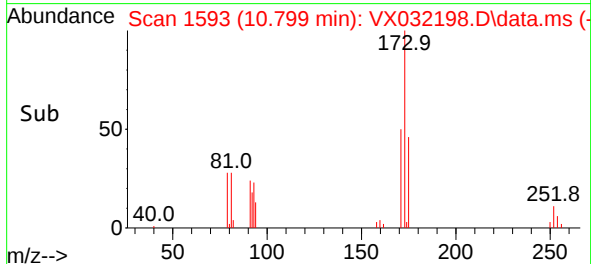
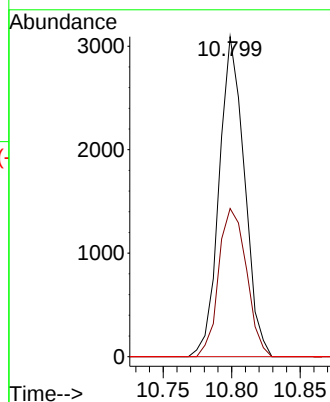
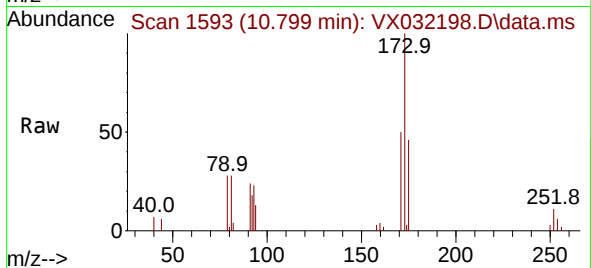
Tgt Ion:173	Resp:	3964
Ion Ratio	Lower	Upper
173	100	
175	50.8	23.9 71.8
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

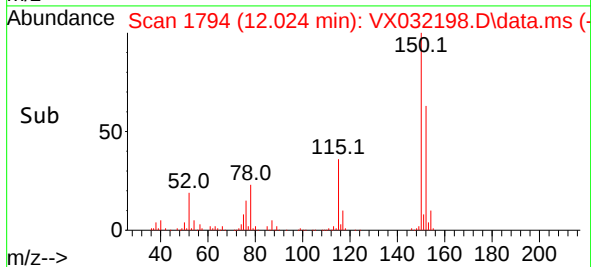
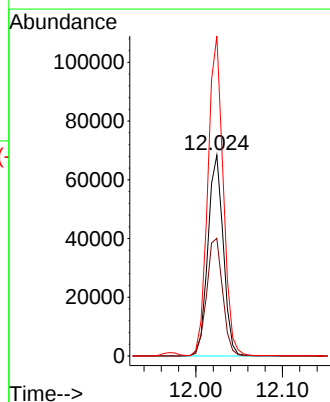
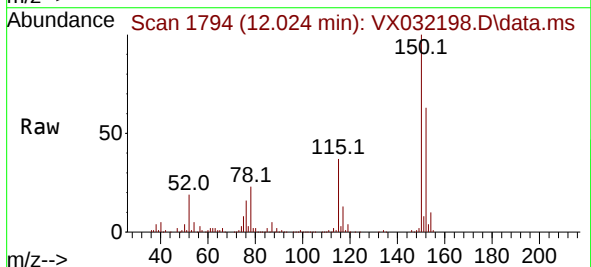
RT: 12.024 min Scan# 1794

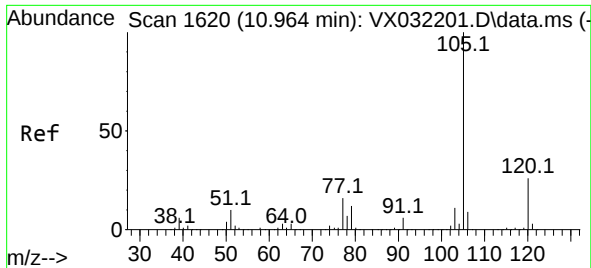
Delta R.T. 0.000 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Tgt Ion:152	Resp:	83912
Ion Ratio	Lower	Upper
152	100	
115	61.7	41.1 123.3
150	159.0	0.0 349.0





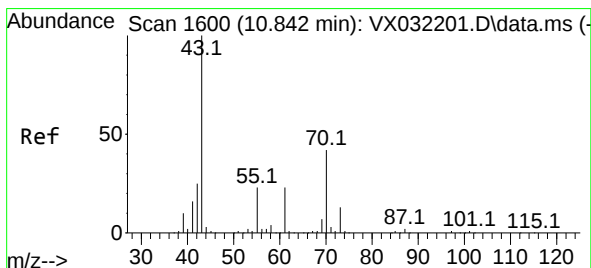
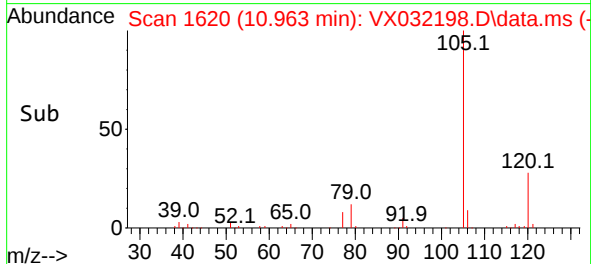
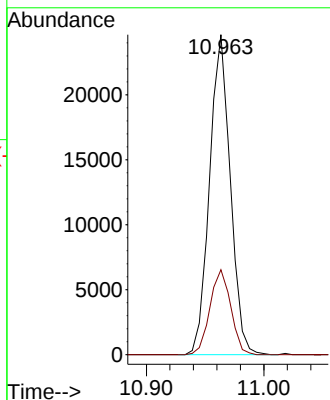
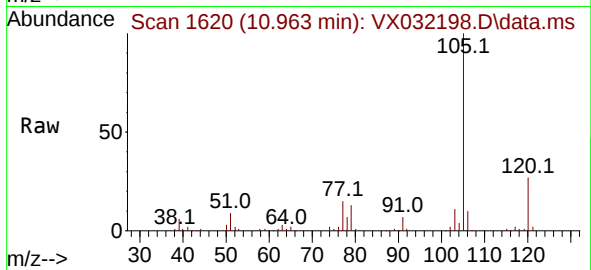
#73
Isopropylbenzene
Concen: 4.836 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 30210
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.6

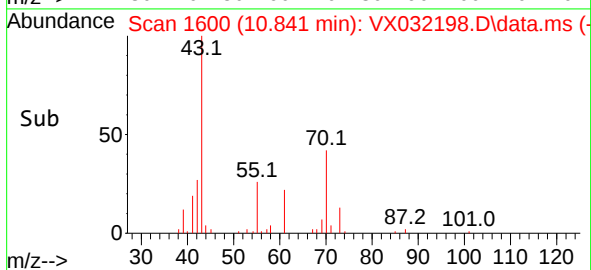
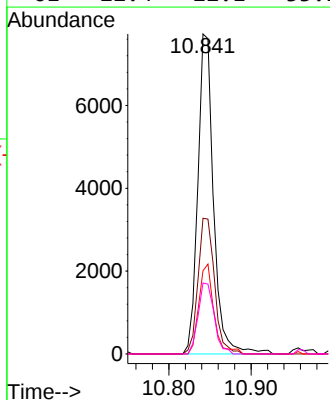
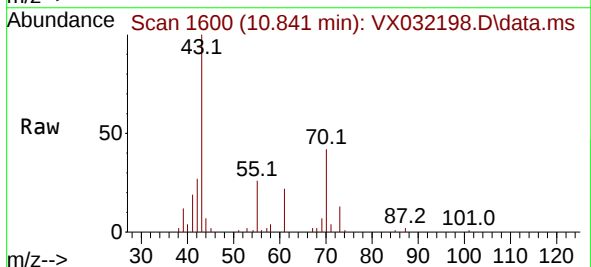
Manual Integrations
APPROVED

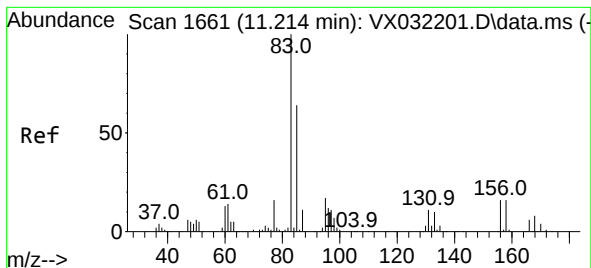
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#74
N-ethyl acetate
Concen: 3.922 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.007 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion: 43 Resp: 10317
Ion Ratio Lower Upper
43 100
70 44.4 39.0 58.6
55 26.9 21.5 32.3
61 22.4 22.1 33.1





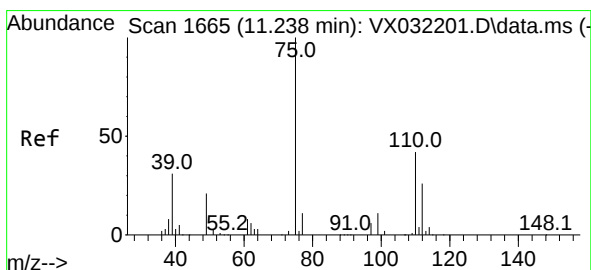
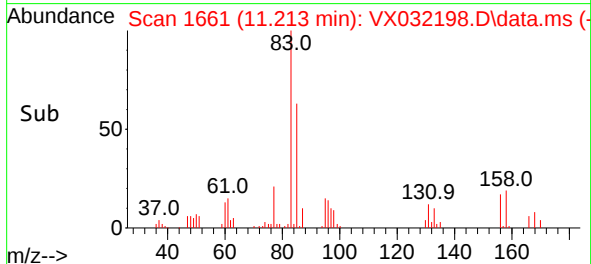
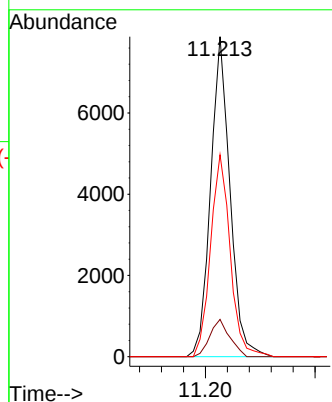
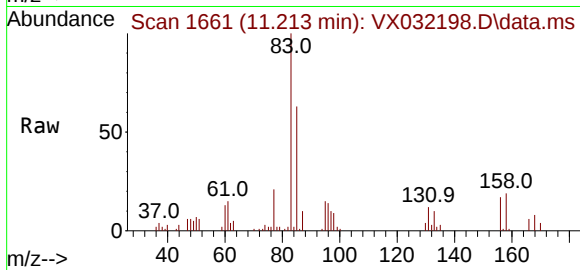
#75
 1,1,2,2-Tetrachloroethane
 Concen: 4.781 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. -0.001 min
 Lab File: VX032198.D
 Acq: 19 Oct 2022 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 83 Resp: 966
 Ion Ratio Lower Upper
 83 100
 131 11.9 5.1 15.2
 85 64.1 31.8 95.4

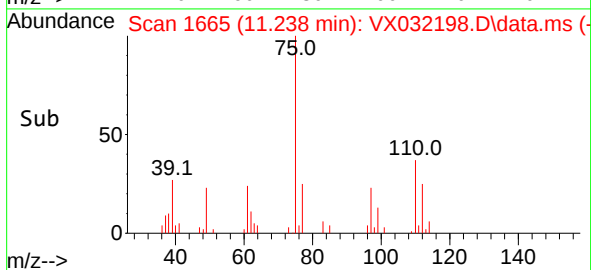
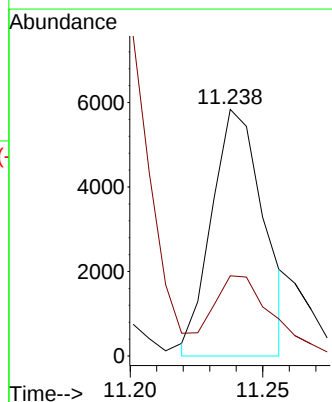
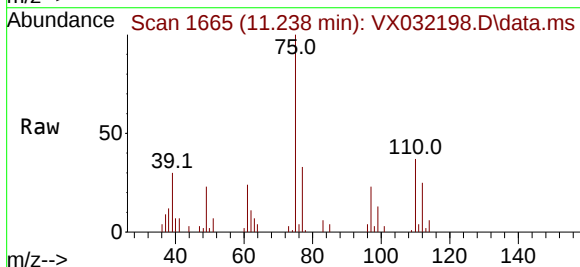
Manual Integrations
 APPROVED

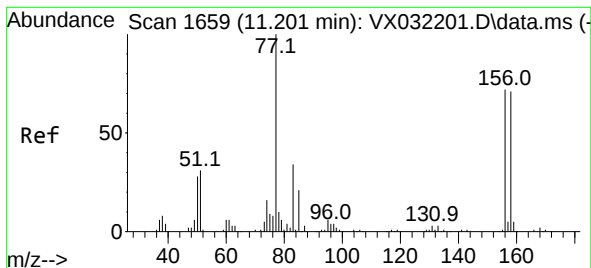
Reviewed By :John Carlone 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022



#76
 1,2,3-Trichloropropane
 Concen: 4.104 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: VX032198.D
 Acq: 19 Oct 2022 11:22

Tgt Ion: 75 Resp: 7919
 Ion Ratio Lower Upper
 75 100
 77 36.4 19.1 57.5





#77

Bromobenzene

Concen: 4.819 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

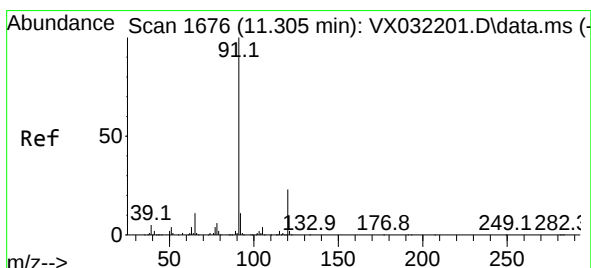
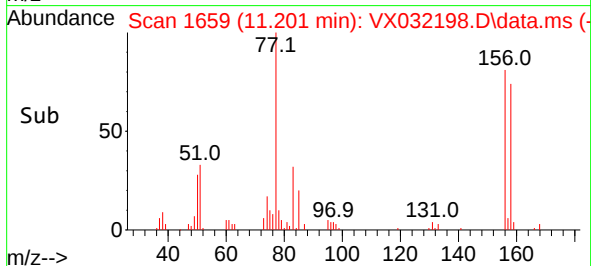
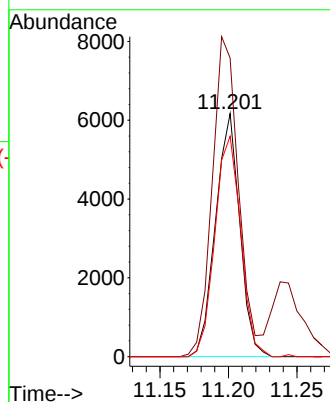
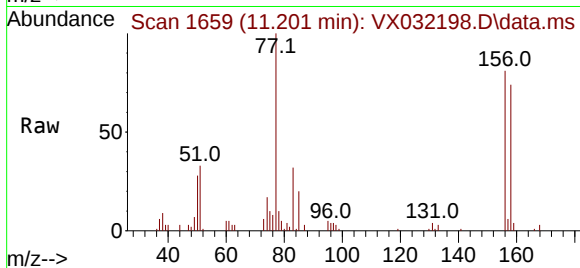
Tgt Ion:	156	Resp:	756
Ion Ratio	Lower	Upper	
156	100		
77	141.2	82.8	248.6
158	96.8	49.1	147.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#78

n-propylbenzene

Concen: 4.808 ug/l

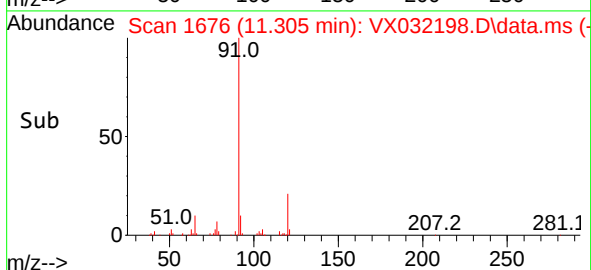
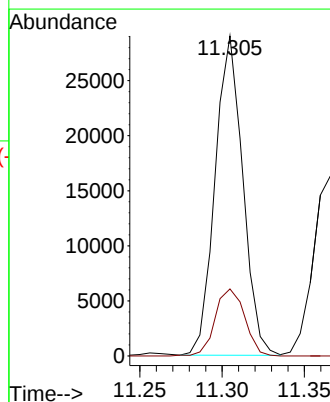
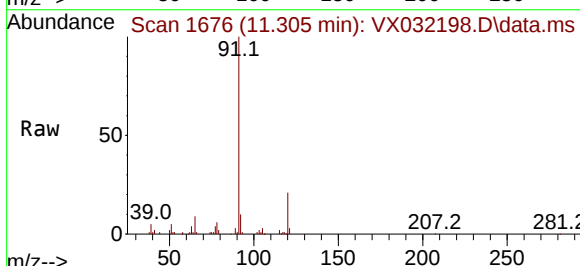
RT: 11.305 min Scan# 1676

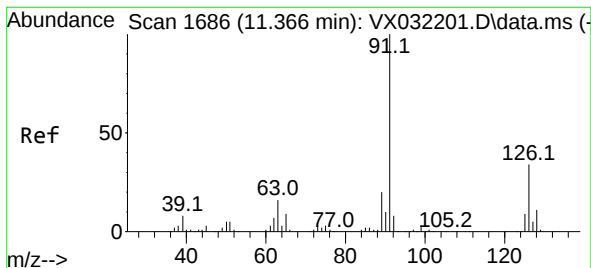
Delta R.T. -0.006 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Tgt Ion:	91	Resp:	33941
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.5	34.5





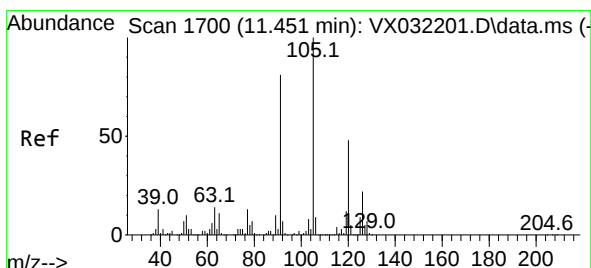
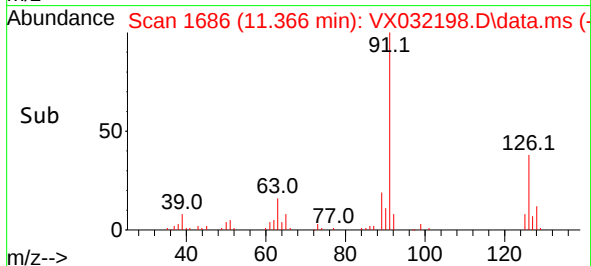
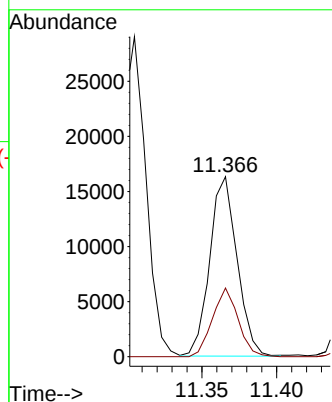
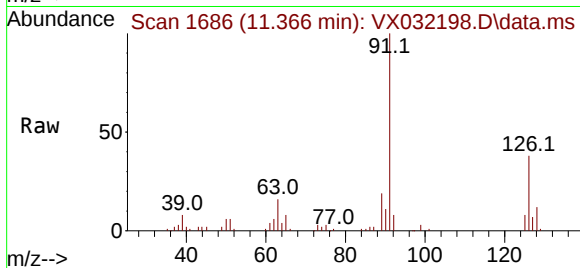
#79
2-Chlorotoluene
Concen: 4.733 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 20754
Ion Ratio Lower Upper
91 100
126 35.8 16.6 49.8

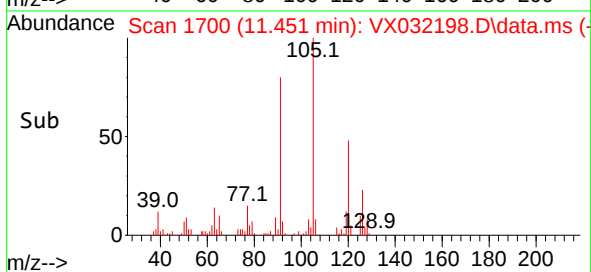
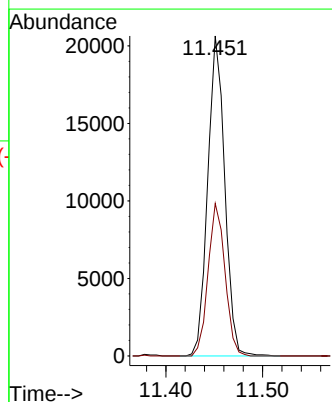
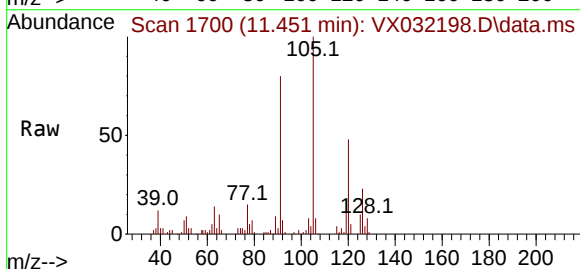
Manual Integrations
APPROVED

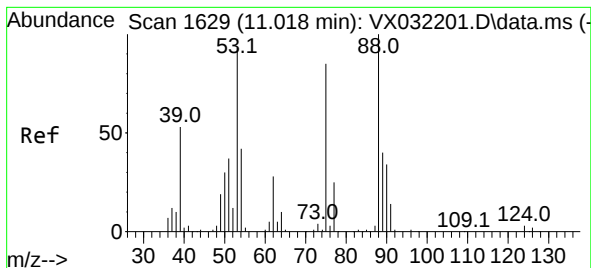
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#80
1,3,5-Trimethylbenzene
Concen: 4.801 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Tgt Ion:105 Resp: 25288
Ion Ratio Lower Upper
105 100
120 47.3 23.8 71.5





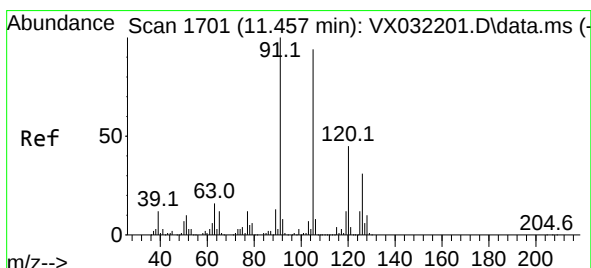
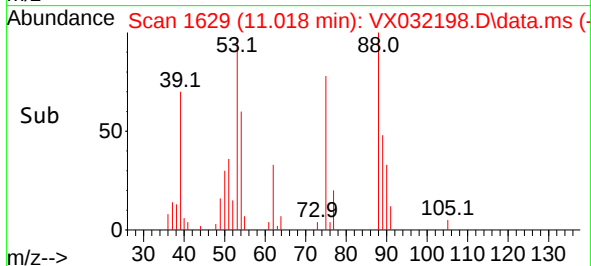
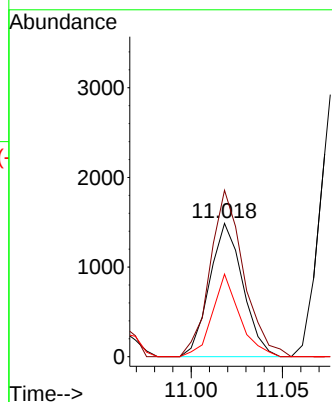
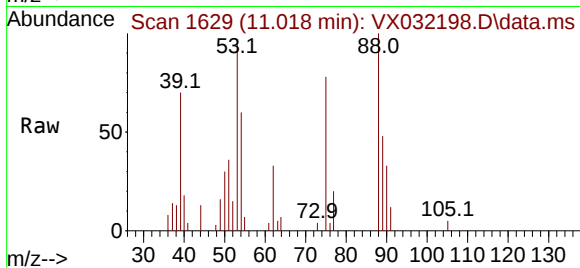
#81
trans-1,4-Dichloro-2-butene
Concen: 2.879 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.007 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 1889
Ion Ratio Lower Upper
75 100
53 125.7 74.5 111.7
89 51.0 37.9 56.9

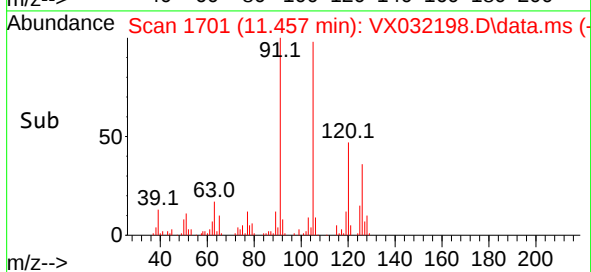
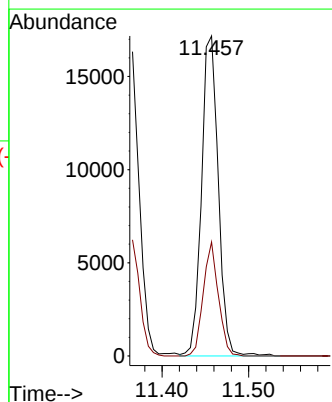
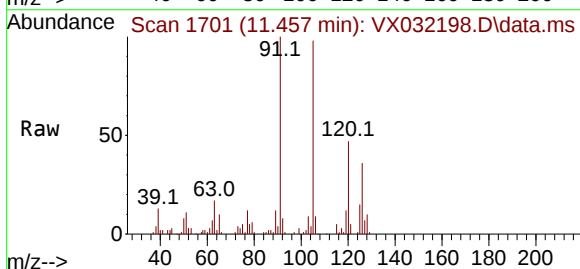
Manual Integrations
APPROVED

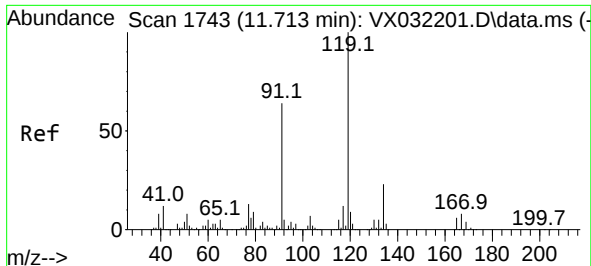
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#82
4-Chlorotoluene
Concen: 4.634 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

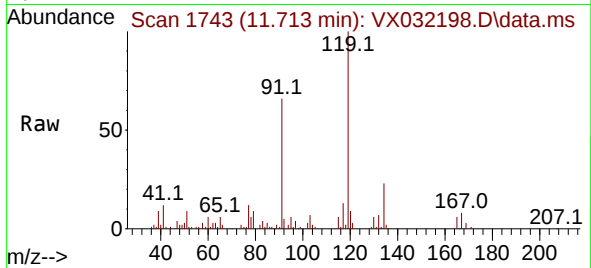
Tgt Ion: 91 Resp: 23117
Ion Ratio Lower Upper
91 100
126 32.1 14.9 44.5





#83
tert-Butylbenzene
Concen: 4.952 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.007 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

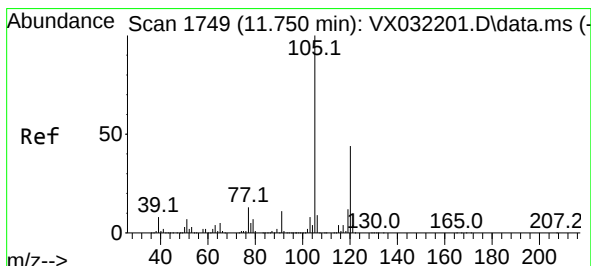
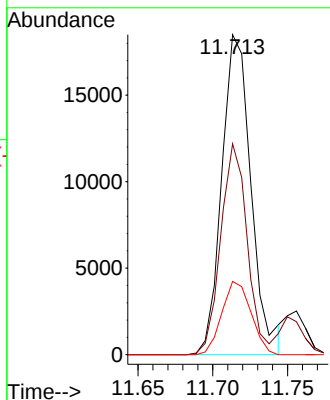
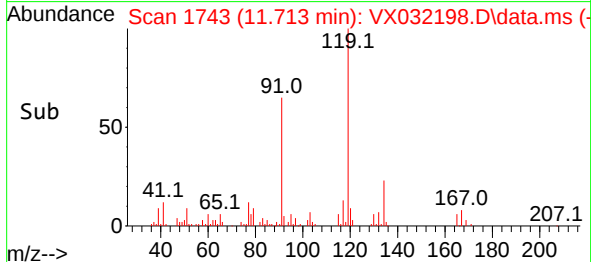
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



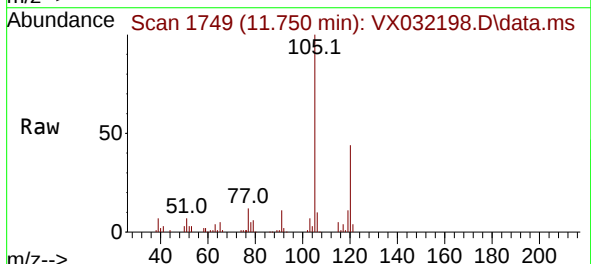
Tgt Ion:119 Resp: 2517
Ion Ratio Lower Upper
119 100
91 59.6 27.9 83.7
134 22.9 11.3 33.9

Manual Integrations
APPROVED

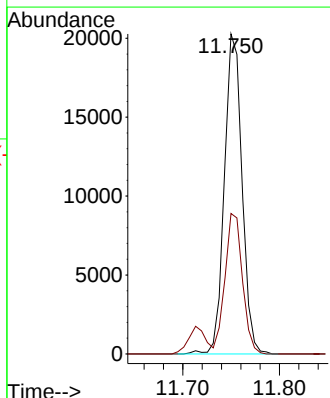
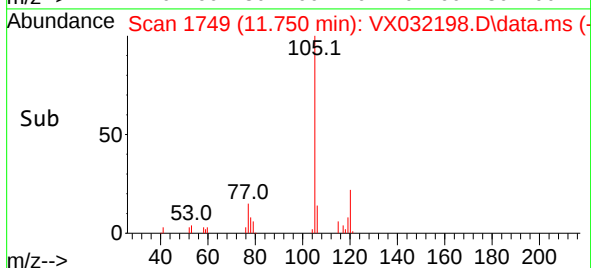
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

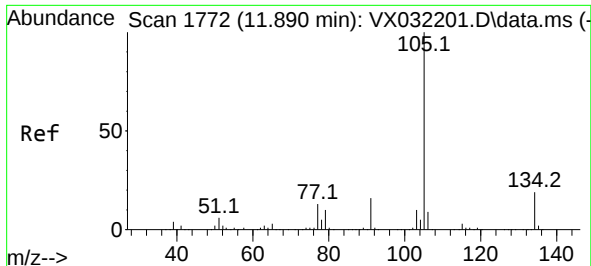


#84
1,2,4-Trimethylbenzene
Concen: 4.949 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22



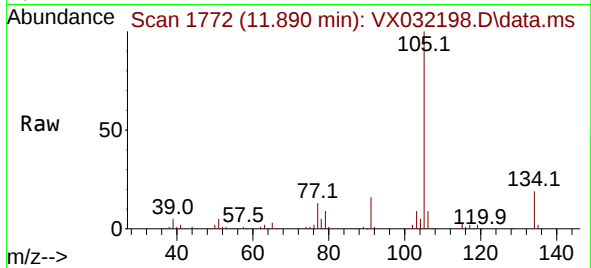
Tgt Ion:105 Resp: 25642
Ion Ratio Lower Upper
105 100
120 43.5 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 4.886 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: VX032198.D
 Acq: 19 Oct 2022 11:22

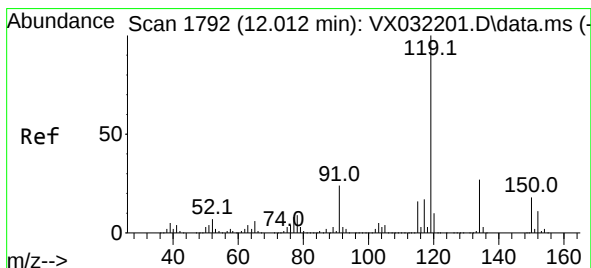
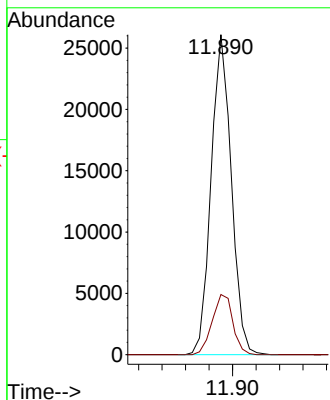
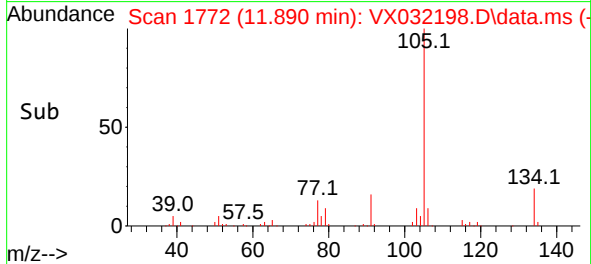
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



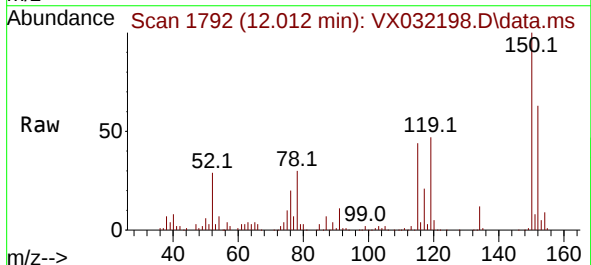
Tgt Ion:105 Resp: 31124
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.0 29.8

Manual Integrations
 APPROVED

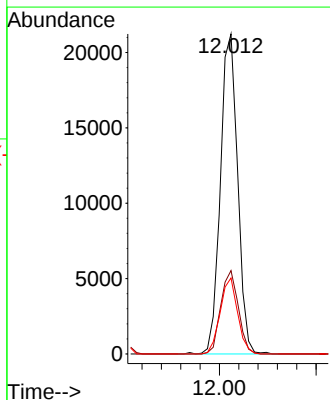
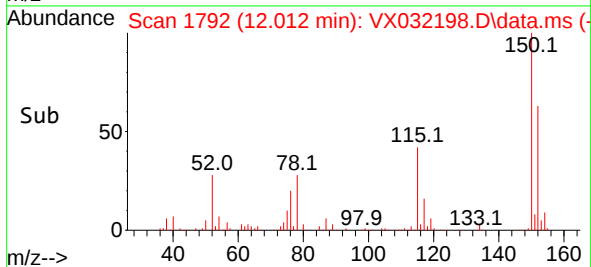
Reviewed By :John Carlone 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022

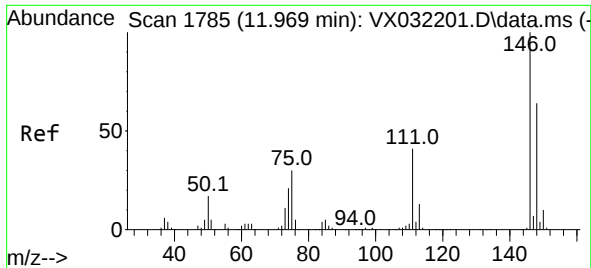


#86
 p-Isopropyltoluene
 Concen: 4.899 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX032198.D
 Acq: 19 Oct 2022 11:22



Tgt Ion:119 Resp: 26193
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.9 38.7
 91 24.1 11.7 35.0





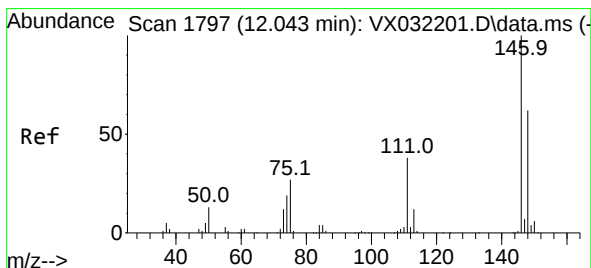
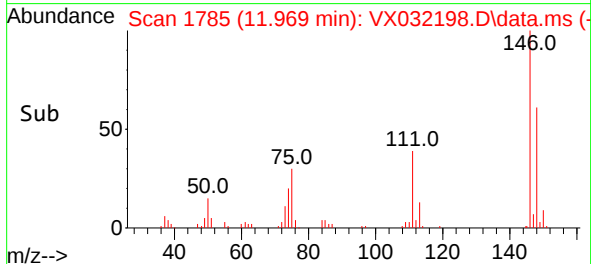
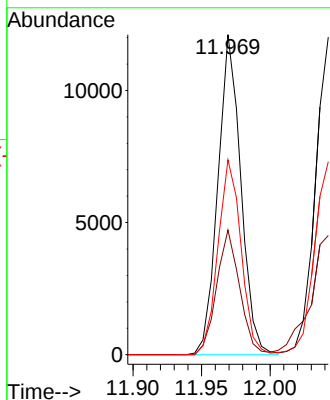
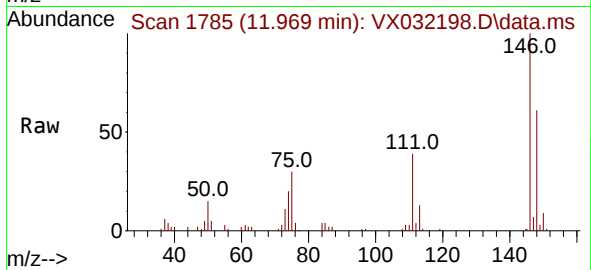
#87
1,3-Dichlorobenzene
Concen: 5.002 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.007 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 14072
Ion Ratio Lower Upper
146 100
111 39.3 20.2 60.5
148 61.5 31.9 95.7

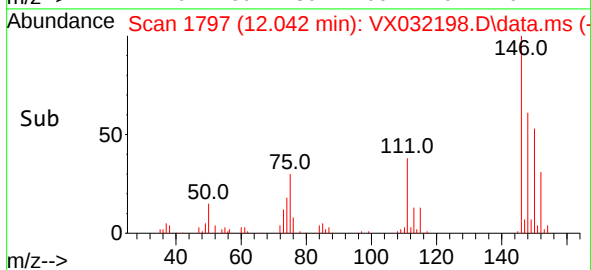
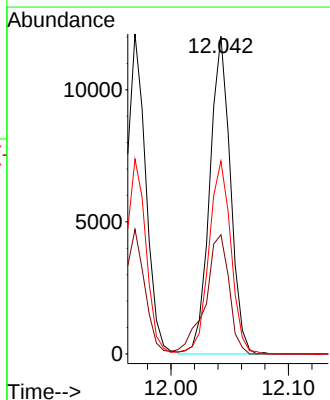
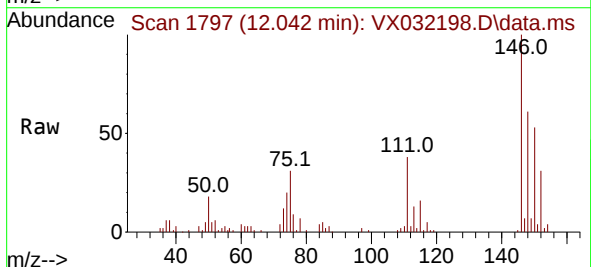
Manual Integrations
APPROVED

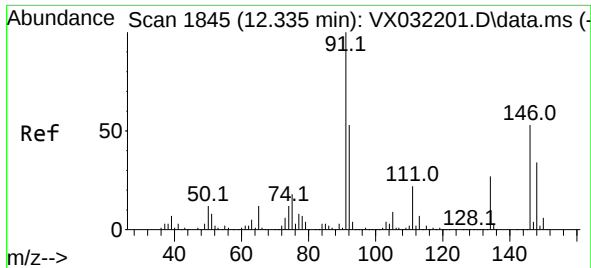
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#88
1,4-Dichlorobenzene
Concen: 5.110 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.001 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

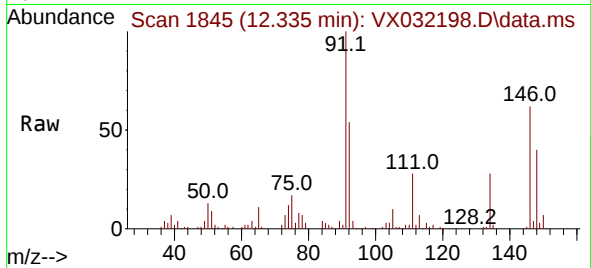
Tgt Ion:146 Resp: 14672
Ion Ratio Lower Upper
146 100
111 43.3 19.6 58.8
148 65.0 31.6 95.0





#89
n-Butylbenzene
Concen: 4.644 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

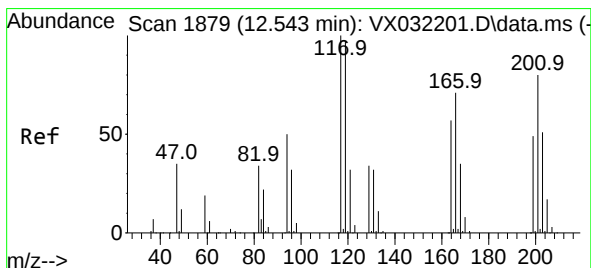
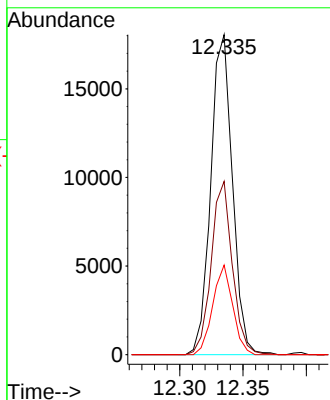
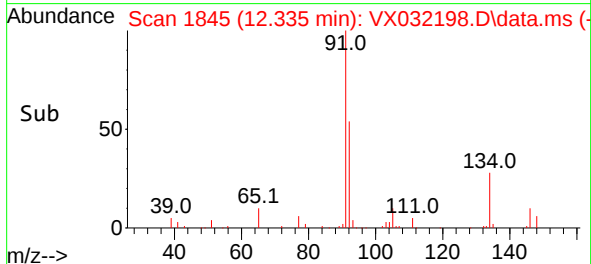
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 2148
Ion Ratio Lower Upper
91 100
92 52.8 27.4 82.0
134 25.8 13.2 39.5

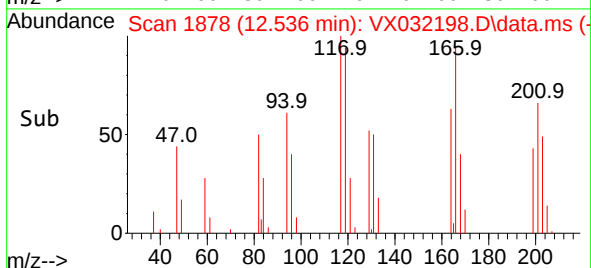
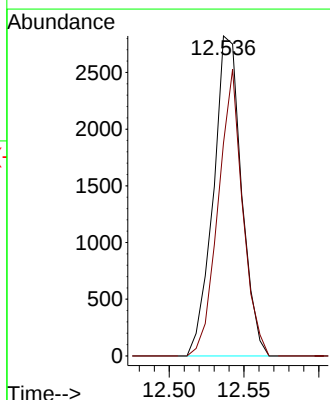
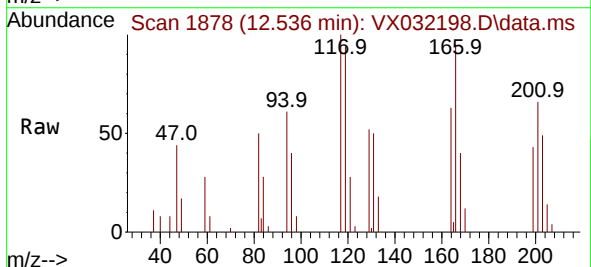
Manual Integrations
APPROVED

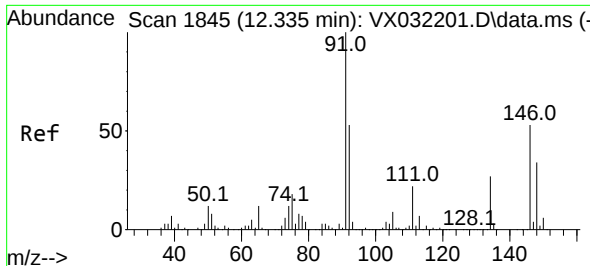
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#90
Hexachloroethane
Concen: 4.291 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.007 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

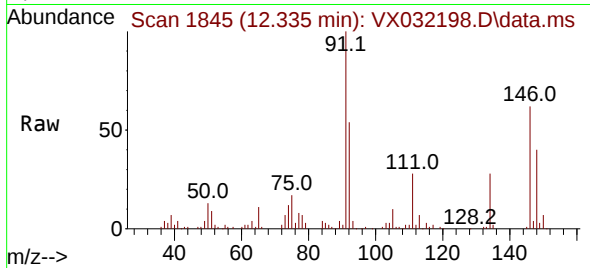
Tgt Ion:117 Resp: 3696
Ion Ratio Lower Upper
117 100
201 77.8 40.4 121.2





#91
1,2-Dichlorobenzene
Concen: 5.147 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22

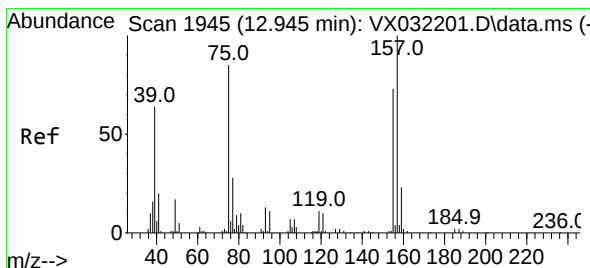
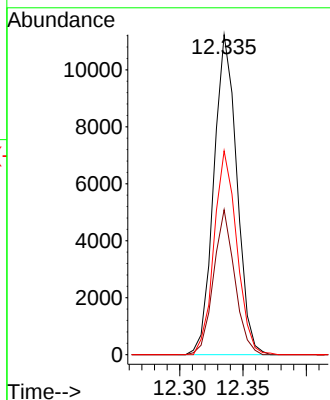
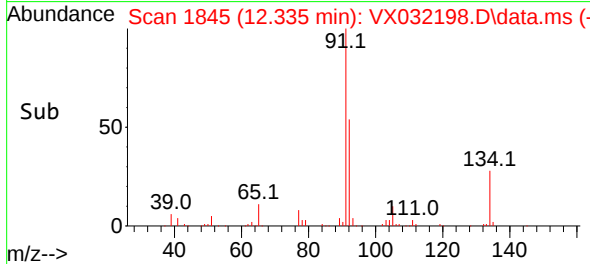
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



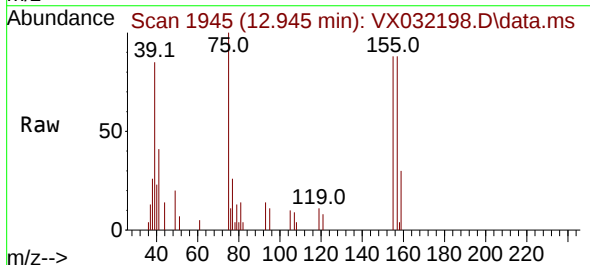
Tgt Ion:146 Resp: 14204
Ion Ratio Lower Upper
146 100
111 41.6 20.8 62.2
148 63.0 31.9 95.5

Manual Integrations
APPROVED

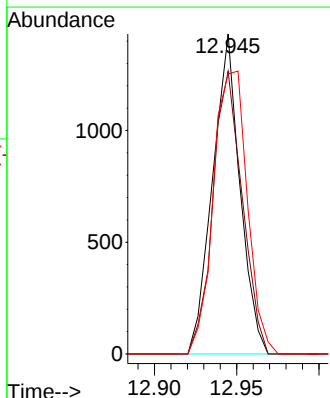
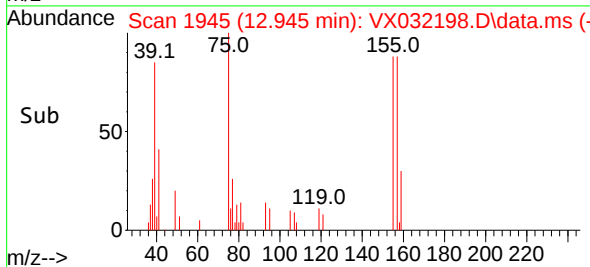
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

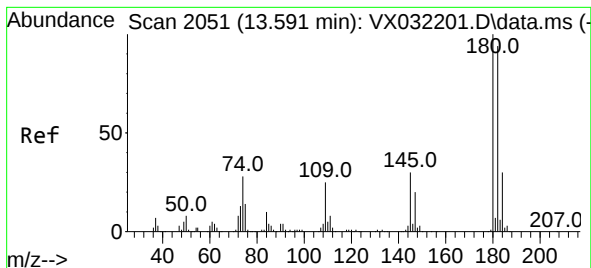


#92
1,2-Dibromo-3-Chloropropane
Concen: 3.573 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX032198.D
Acq: 19 Oct 2022 11:22



Tgt Ion: 75 Resp: 1657
Ion Ratio Lower Upper
75 100
155 94.6 45.3 135.9
157 109.5 57.7 173.1





#93

1,2,4-Trichlorobenzene

Concen: 5.411 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

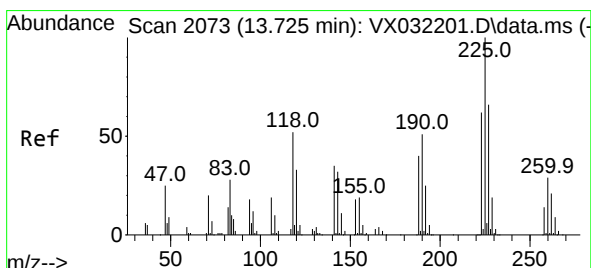
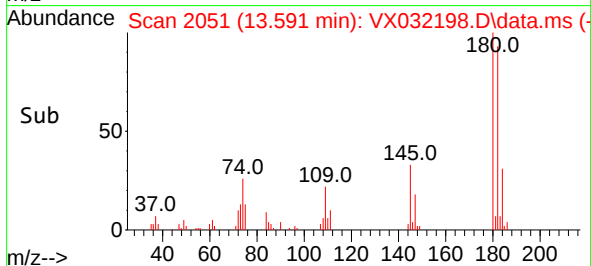
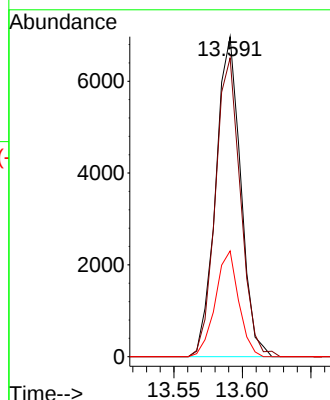
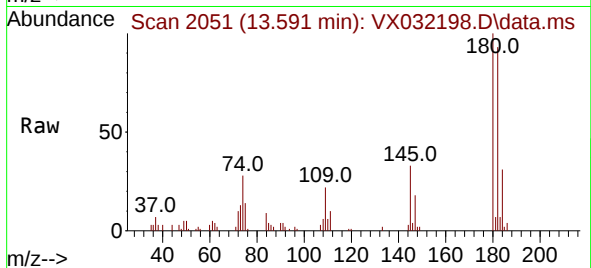
Tgt Ion:180	Resp:	8800
Ion Ratio	Lower	Upper
180	100	
182	93.7	47.7 143.1
145	31.0	15.0 45.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#94

Hexachlorobutadiene

Concen: 4.868 ug/l

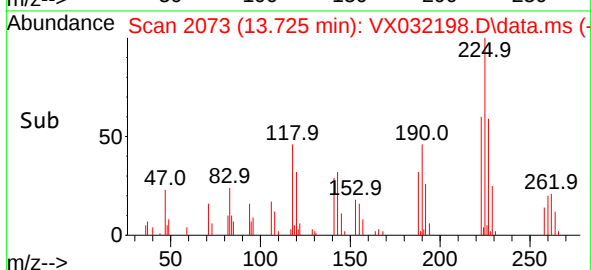
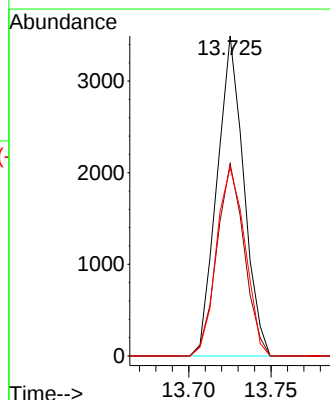
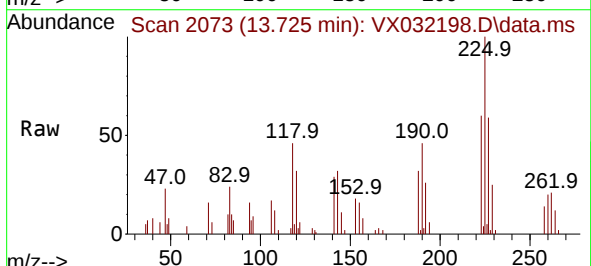
RT: 13.725 min Scan# 2073

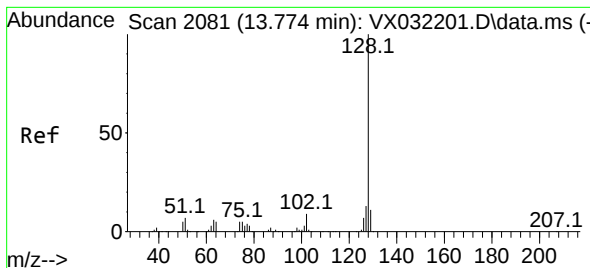
Delta R.T. 0.000 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Tgt Ion:225	Resp:	3953
Ion Ratio	Lower	Upper
225	100	
223	61.4	31.1 93.2
227	63.1	31.6 95.0





#95

Naphthalene

Concen: 5.380 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

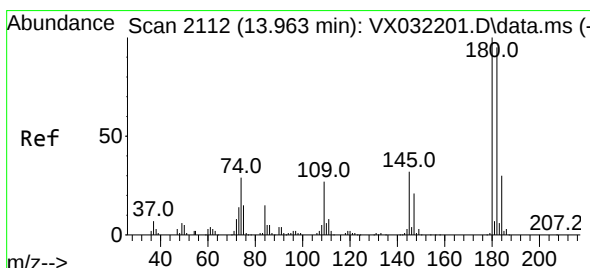
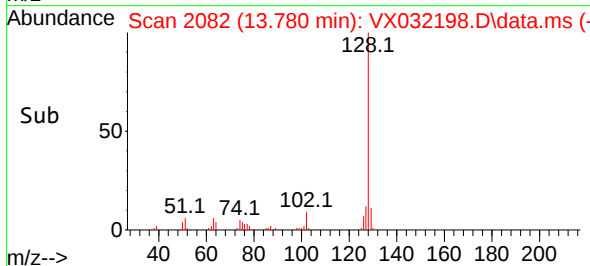
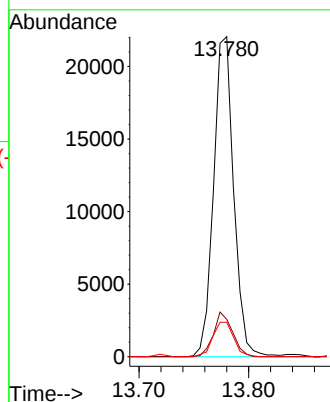
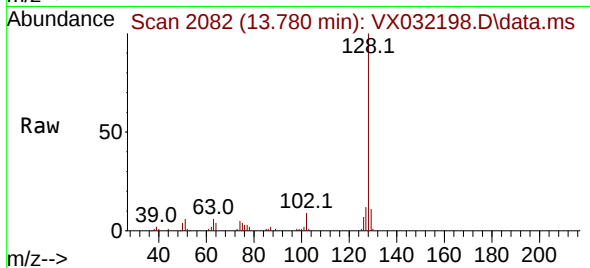
Tgt Ion:	128	Resp:	2813
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.3	15.5
129	11.2	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#96

1,2,3-Trichlorobenzene

Concen: 5.407 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX032198.D

Acq: 19 Oct 2022 11:22

Tgt Ion:	180	Resp:	8863
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.6	142.9
145	34.7	16.1	48.3

