

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111721\
 Data File : VX025193.D
 Acq On : 17 Nov 2021 17:47
 Operator : JC/MD
 Sample : M4068-07 .5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021

Quant Time: Nov 18 06:59:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 06:58:13 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

11/18/2021
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	118746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	186046	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	166523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76879	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63090	50.405	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.800%	
35) Dibromofluoromethane	5.391	113	57514	50.384	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.760%	
50) Toluene-d8	8.653	98	207992	48.461	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.920%	
62) 4-Bromofluorobenzene	11.085	95	73311	45.151	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.300%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.167	85	445	0.432	ug/l	85
3) Chloromethane	1.295	50	722	0.566	ug/l	98
4) Vinyl Chloride	1.374	62	589	0.421	ug/l #	54
5) Bromomethane	1.605	94	991	1.647	ug/l	92
6) Chloroethane	1.685	64	414	0.429	ug/l #	84
7) Trichlorofluoromethane	1.886	101	1084	0.522	ug/l	89
8) Diethyl Ether	2.130	74	421	0.491	ug/l #	29
9) 1,1,2-Trichlorotrifluo...	2.319	101	481	0.435	ug/l	94
10) Methyl Iodide	2.453	142	749	0.542	ug/l #	77
11) Tert butyl alcohol	2.947	59	2492	7.392	ug/l #	78
12) 1,1-Dichloroethene	2.319	96	577	0.524	ug/l	83
13) Acrolein	2.227	56	325	5.668	ug/l #	13
14) Allyl chloride	2.666	41	1193	0.599	ug/l #	91
15) Acrylonitrile	3.063	53	1629	2.425	ug/l	95
16) Acetone	2.380	43	2227	3.202	ug/l	97
17) Carbon Disulfide	2.508	76	1729	0.558	ug/l #	94
18) Methyl Acetate	2.703	43	1139	0.513	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	1715	0.447	ug/l #	89
20) Methylene Chloride	2.788	84	853	0.652	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	686	0.569	ug/l #	63
22) Diisopropyl ether	3.764	45	1761	0.464	ug/l	92
23) Vinyl Acetate	3.727	43	6704	2.200	ug/l	98
24) 1,1-Dichloroethane	3.617	63	950	0.458	ug/l #	83
25) 2-Butanone	4.574	43	2582	2.568	ug/l #	89
26) 2,2-Dichloropropane	4.465	77	778	0.414	ug/l #	72
27) cis-1,2-Dichloroethene	4.489	96	706	0.501	ug/l	93
28) Bromochloromethane	4.898	49	479	0.496	ug/l #	84
29) Tetrahydrofuran	5.007	42	1496	2.403	ug/l	94
30) Chloroform	5.093	83	1060	0.491	ug/l #	81
31) Cyclohexane	5.471	56	1058	0.547	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	1029	0.521	ug/l #	40
36) 1,1-Dichloropropene	5.696	75	695	0.428	ug/l	98
37) Ethyl Acetate	4.727	43	1141	0.618	ug/l #	68
38) Carbon Tetrachloride	5.678	117	852	0.477	ug/l #	92
39) Methylcyclohexane	7.379	83	977	0.469	ug/l	92
40) Benzene	6.038	78	2297	0.467	ug/l #	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	604	0.589	ug/l #	76
42) 1,2-Dichloroethane	6.092	62	796	0.498	ug/l #	77
43) Isopropyl Acetate	6.355	43	1453	0.473	ug/l #	84
44) Trichloroethene	7.129	130	644	0.451	ug/l	84
45) 1,2-Dichloropropane	7.434	63	509	0.421	ug/l	92
46) Dibromomethane	7.586	93	377	0.430	ug/l	92
47) Bromodichloromethane	7.824	83	793	0.460	ug/l #	84
48) Methyl methacrylate	7.702	41	756	0.524	ug/l	93
49) 1,4-Dioxane	7.678	88	303	9.947	ug/l #	64
51) 4-Methyl-2-Pentanone	8.580	43	4302	2.232	ug/l	98
52) Toluene	8.720	92	1487	0.463	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	823	0.430	ug/l	94
54) cis-1,3-Dichloropropene	8.373	75	862	0.415	ug/l #	93
55) 1,1,2-Trichloroethane	9.159	97	553	0.433	ug/l #	86
56) Ethyl methacrylate	9.122	69	831	0.401	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	918	0.434	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.245	63	1854	1.925	ug/l	97
59) 2-Hexanone	9.433	43	3249	2.138	ug/l	97
60) Dibromochloromethane	9.525	129	577	0.393	ug/l	85
61) 1,2-Dibromoethane	9.610	107	615	0.445	ug/l	99
64) Tetrachloroethene	9.281	164	704	0.513	ug/l	86
65) Chlorobenzene	10.080	112	1702	0.502	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	539	0.414	ug/l #	61
67) Ethyl Benzene	10.195	91	2783	0.475	ug/l	95
68) m/p-Xylenes	10.305	106	1974	0.824	ug/l	93
69) o-Xylene	10.647	106	1084	0.462	ug/l	81
70) Styrene	10.659	104	1584	0.409	ug/l	97
71) Bromoform	10.805	173	499	0.442	ug/l #	90
73) Isopropylbenzene	10.964	105	2691	0.491	ug/l	98
74) N-amyl acetate	10.848	43	1068	0.451	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	910	0.513	ug/l	94
76) 1,2,3-Trichloropropane	11.244	75	769m	0.488	ug/l	
77) Bromobenzene	11.201	156	636	0.451	ug/l	88
78) n-propylbenzene	11.305	91	2766	0.450	ug/l	94
79) 2-Chlorotoluene	11.366	91	1913	0.511	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	2208	0.479	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.024	75	199m	0.318	ug/l	
82) 4-Chlorotoluene	11.457	91	1948	0.456	ug/l	91
83) tert-Butylbenzene	11.719	119	2219	0.474	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	2163	0.475	ug/l	99
85) sec-Butylbenzene	11.896	105	2630	0.462	ug/l	95
86) p-Isopropyltoluene	12.012	119	2250	0.460	ug/l	85
87) 1,3-Dichlorobenzene	11.976	146	1266	0.483	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	1459m	0.549	ug/l	
89) n-Butylbenzene	12.335	91	1774	0.430	ug/l	98
90) Hexachloroethane	12.543	117	400	0.444	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	1249	0.489	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	167	0.451	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	542	0.360	ug/l	97
94) Hexachlorobutadiene	13.725	225	316	0.437	ug/l	89
95) Naphthalene	13.780	128	1315	0.281	ug/l #	96
96) 1,2,3-Trichlorobenzene	13.963	180	525	0.357	ug/l	97

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

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

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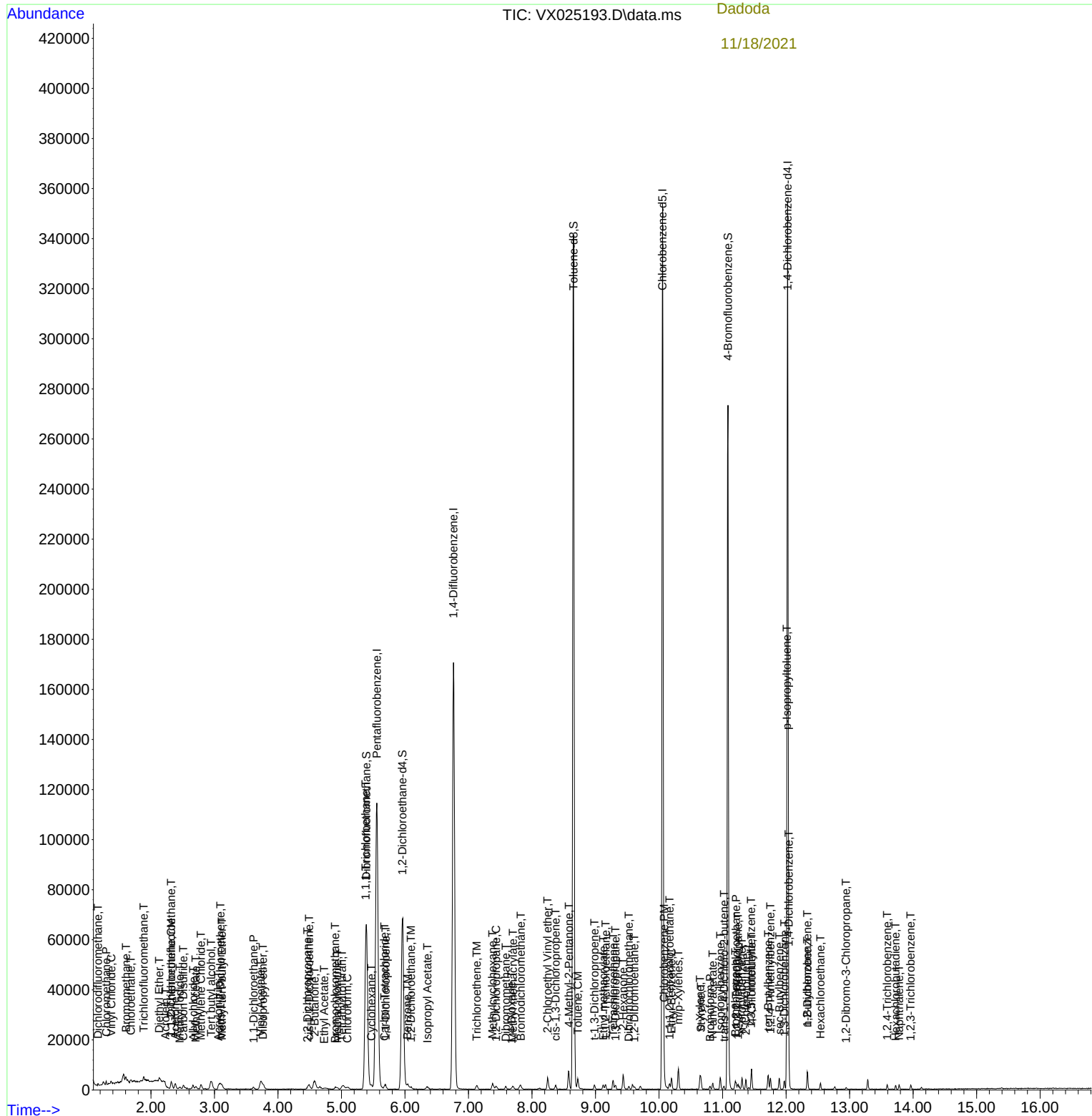
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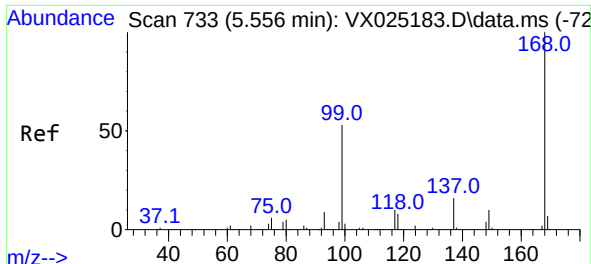
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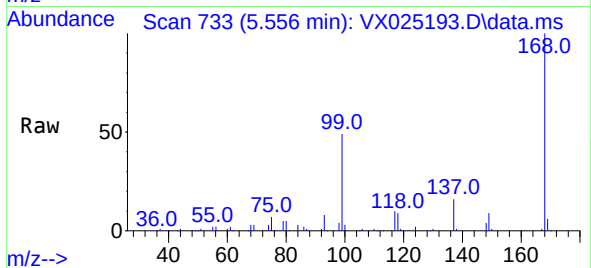
11/18/2021





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
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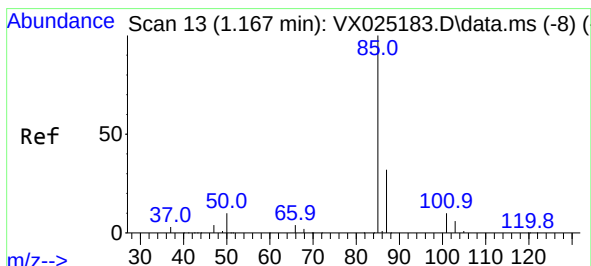
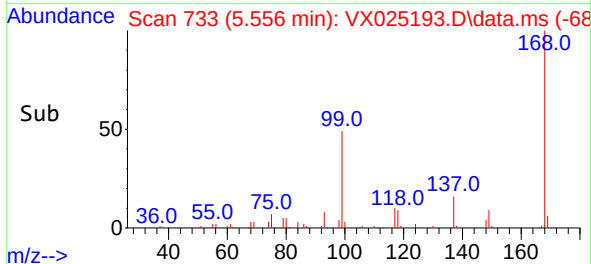
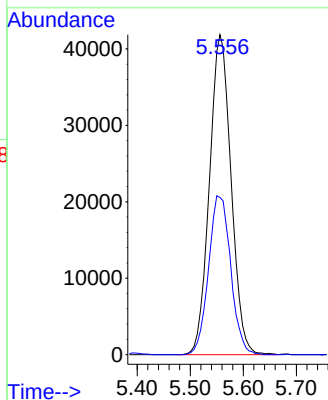
Tgt Ion:168 Resp: 118740
Ion Ratio Lower Upper
168 100
99 49.1 46.4 69.6

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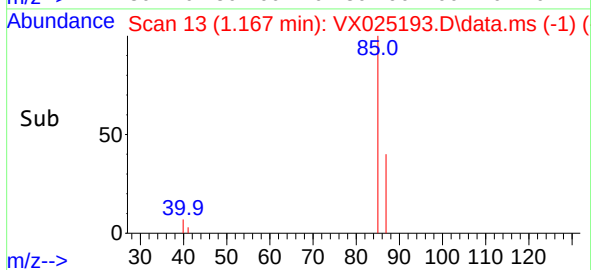
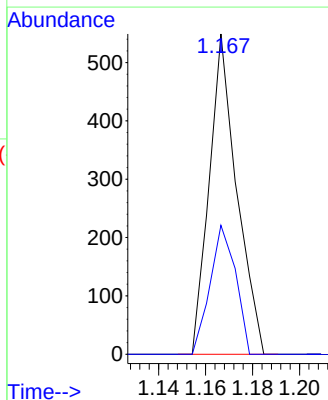
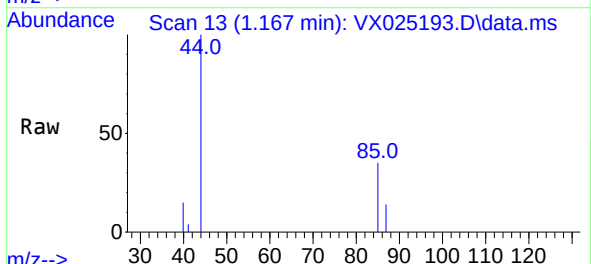
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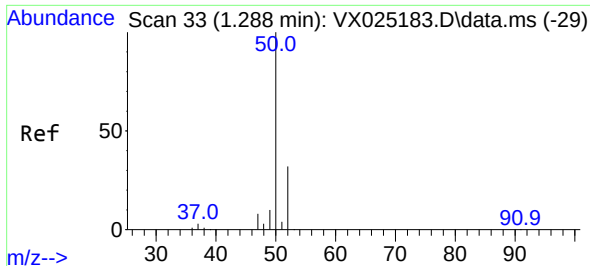
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#2
Dichlorodifluoromethane
Concen: 0.432 ug/l
RT: 1.167 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

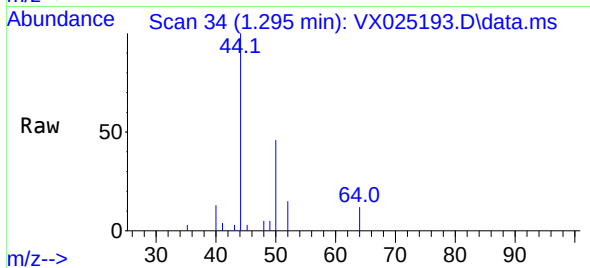
Tgt Ion: 85 Resp: 445
Ion Ratio Lower Upper
85 100
87 40.3 16.0 47.9





#3
Chloromethane
Concen: 0.566 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Instrument :
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ClientSampleId :
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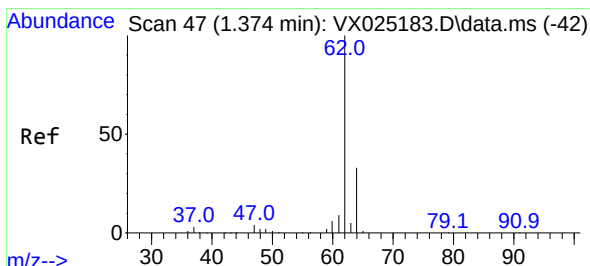
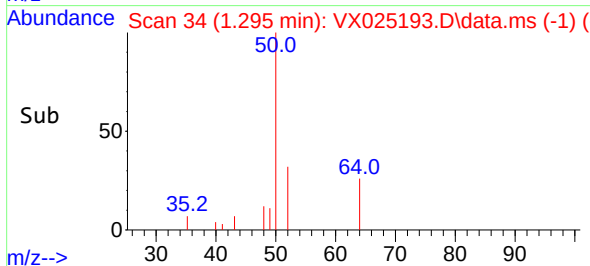
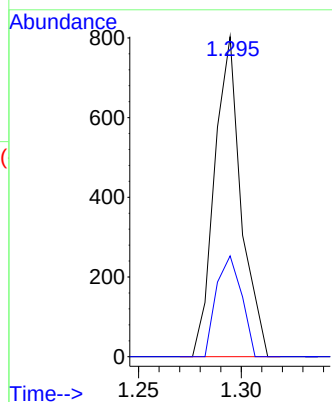
Tgt Ion: 50 Resp: 72
Ion Ratio Lower Upper
50 100
52 31.5 25.9 38.9

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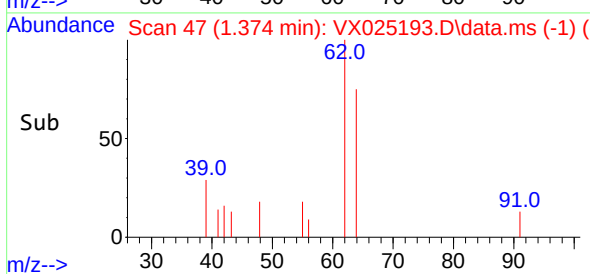
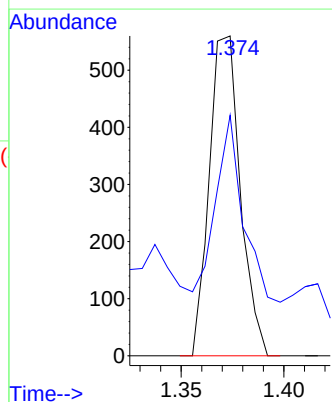
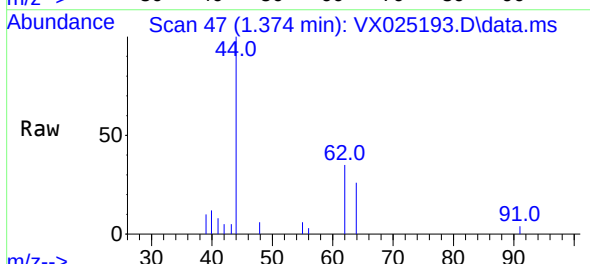
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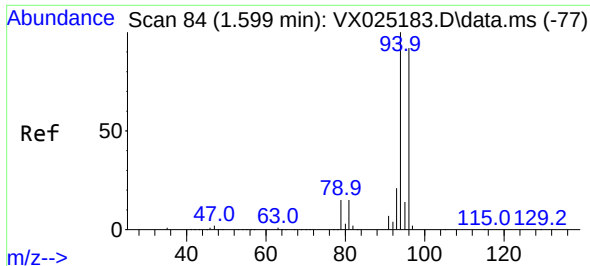
11/18/2021



#4
Vinyl Chloride
Concen: 0.421 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Tgt Ion: 62 Resp: 589
Ion Ratio Lower Upper
62 100
64 58.4 26.0 39.0#





#5
Bromomethane
Concen: 1.647 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX025193.D
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Instrument :
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ClientSampleId :
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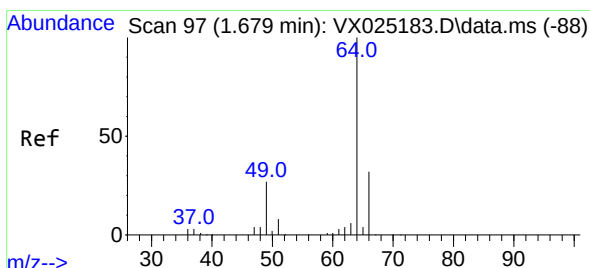
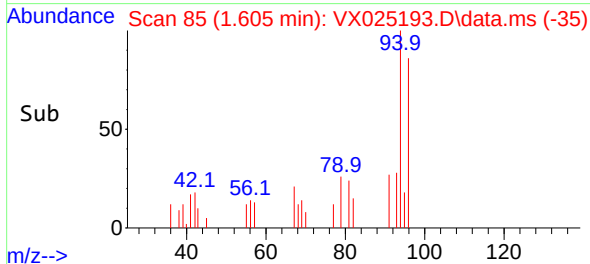
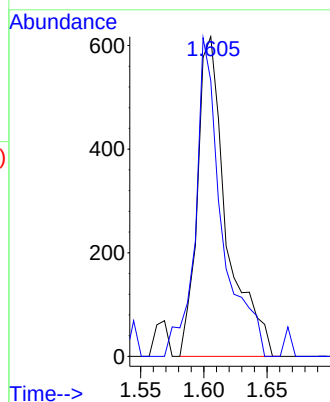
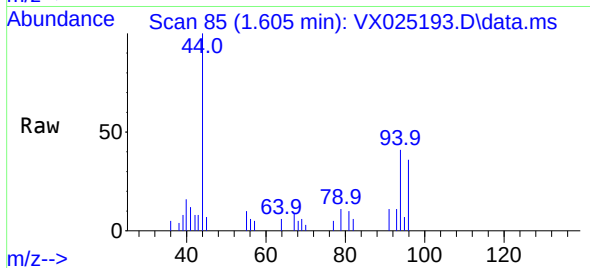
Tgt Ion: 94 Resp: 99
Ion Ratio Lower Upper
94 100
96 86.2 74.8 112.2

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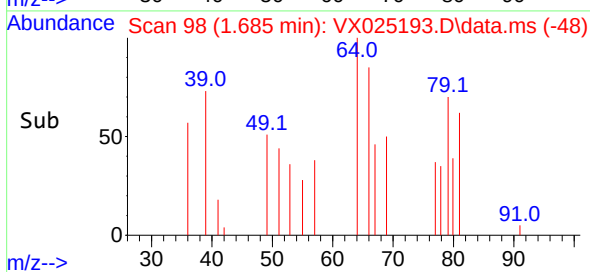
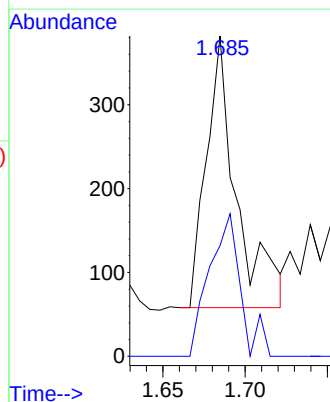
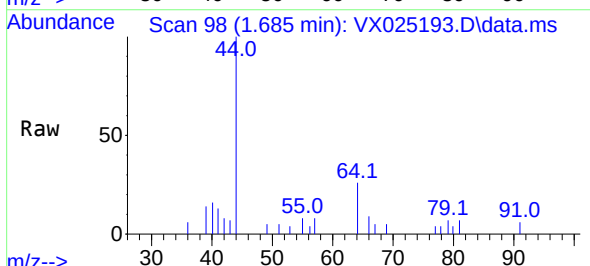
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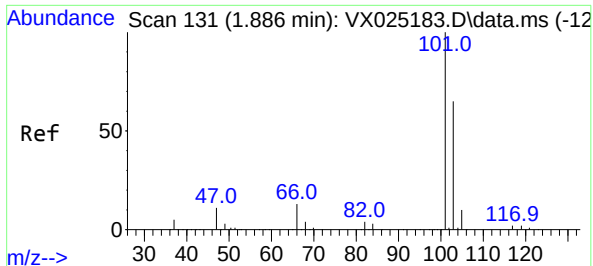
11/18/2021



#6
Chloroethane
Concen: 0.429 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

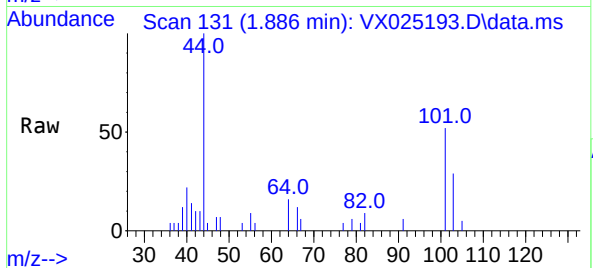
Tgt Ion: 64 Resp: 414
Ion Ratio Lower Upper
64 100
66 40.7 25.6 38.4#





#7
Trichlorofluoromethane
Concen: 0.522 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Instrument :
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ClientSampleId :
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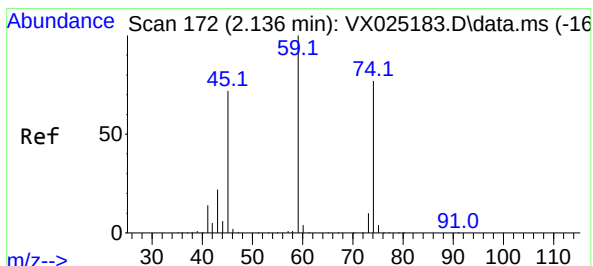
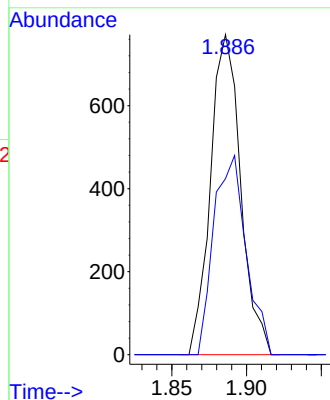
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Ion Ratio Lower Upper
101 100
103 55.0 51.0 76.6

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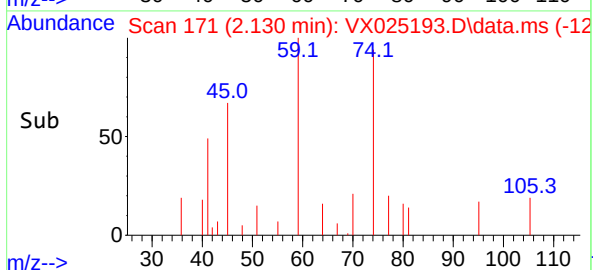
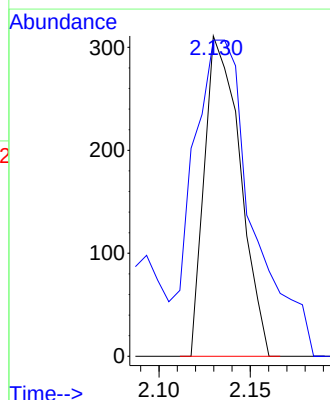
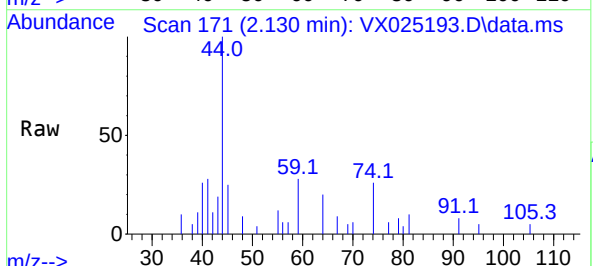
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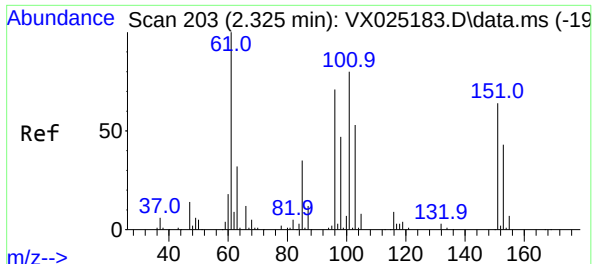
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#8
Diethyl Ether
Concen: 0.491 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Tgt Ion: 74 Resp: 421
Ion Ratio Lower Upper
74 100
45 164.6 47.6 142.9#





#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.435 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

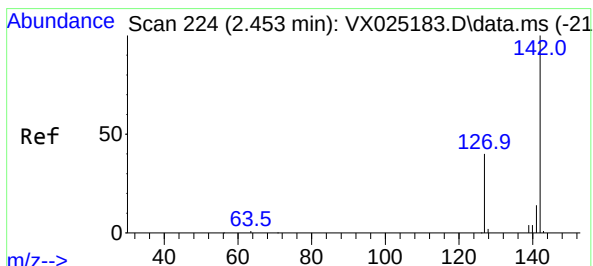
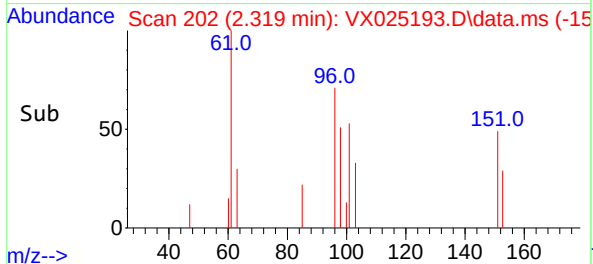
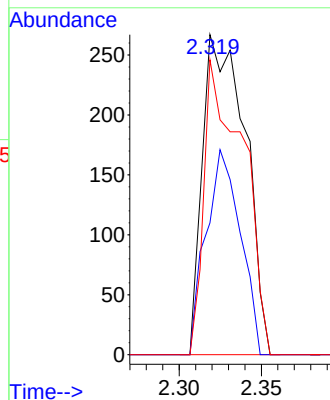
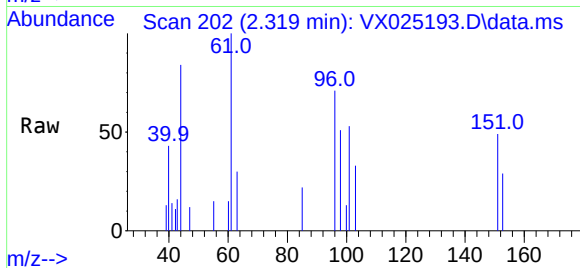
Tgt Ion:101 Resp: 483
Ion Ratio Lower Upper
101 100
85 51.8 35.9 53.9
151 84.2 64.4 96.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

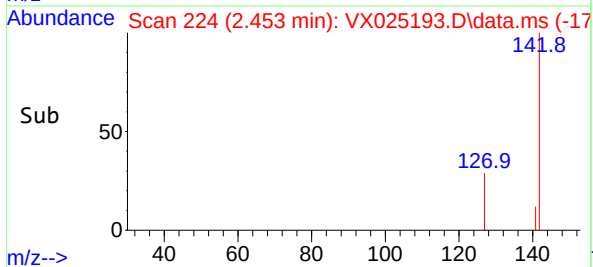
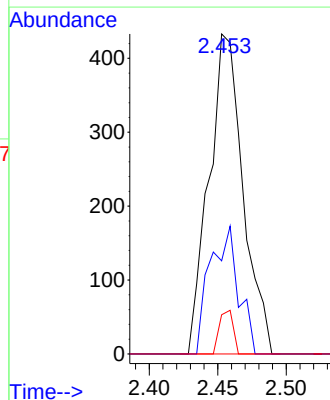
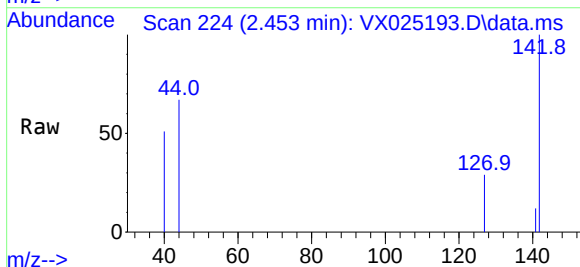
11/18/2021
Supervised By :Mahesh
Dadoda

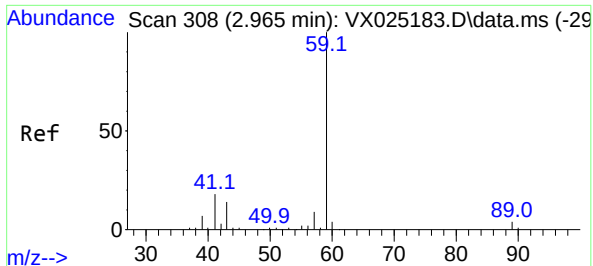
11/18/2021



#10
Methyl Iodide
Concen: 0.542 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Tgt Ion:142 Resp: 749
Ion Ratio Lower Upper
142 100
127 33.2 38.9 58.3#
141 5.5 11.7 17.5#





#11

Tert butyl alcohol

Concen: 7.392 ug/l

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX025193.D

Acq: 17 Nov 2021 17:47

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 59 Resp: 2492
 Ion Ratio Lower Upper
 59 100
 57 2.2 8.5 12.7

Manual Integrations

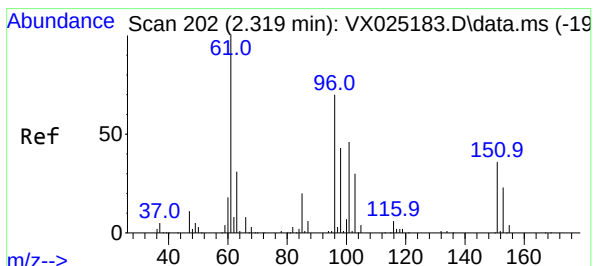
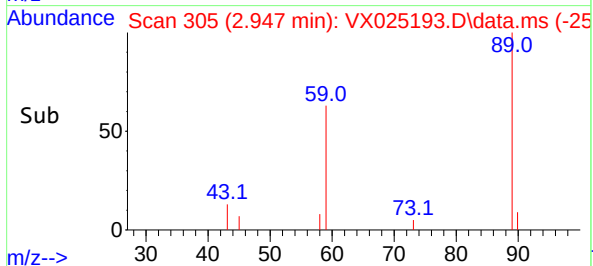
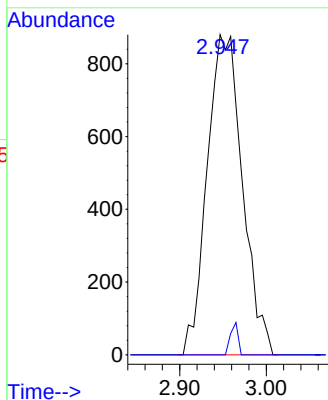
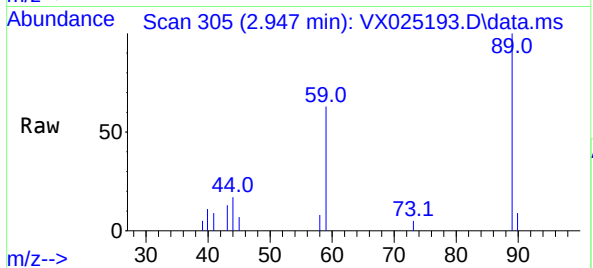
APPROVED

Reviewed By :John
 Carlone

11/18/2021

Supervised By :Mahesh
 Dadoda

11/18/2021



#12

1,1-Dichloroethene

Concen: 0.524 ug/l

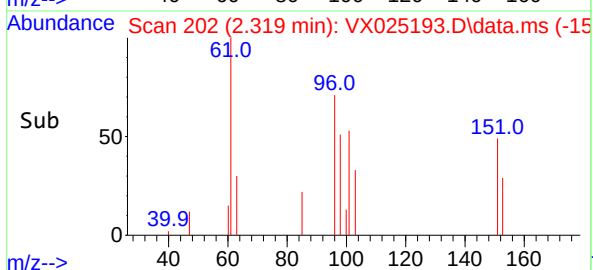
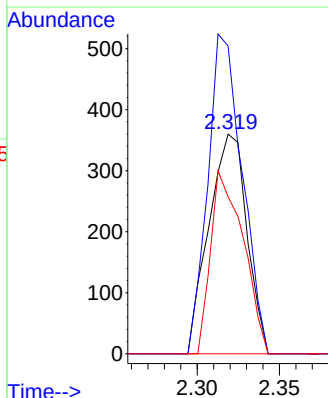
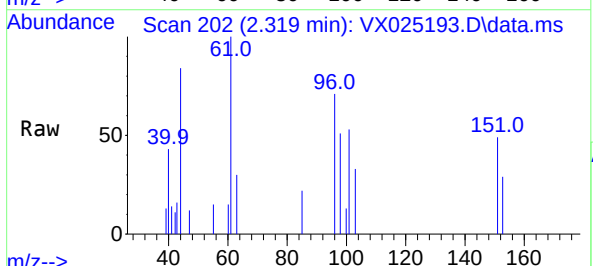
RT: 2.319 min Scan# 202

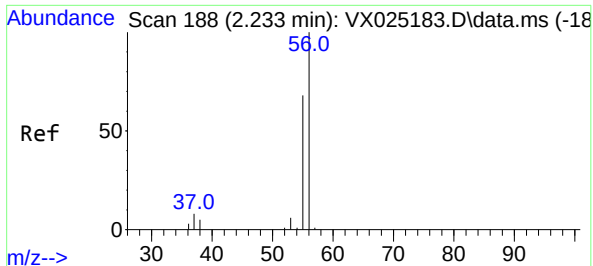
Delta R.T. -0.000 min

Lab File: VX025193.D

Acq: 17 Nov 2021 17:47

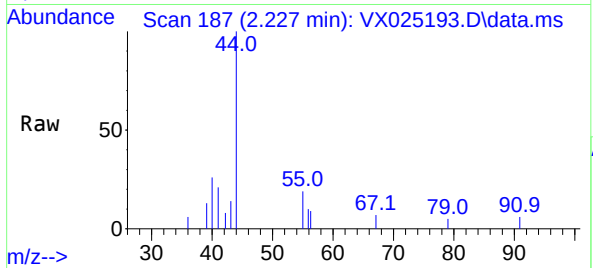
Tgt Ion: 96 Resp: 577
 Ion Ratio Lower Upper
 96 100
 61 140.0 134.1 201.1
 98 71.4 51.5 77.3





#13
Acrolein
Concen: 5.668 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



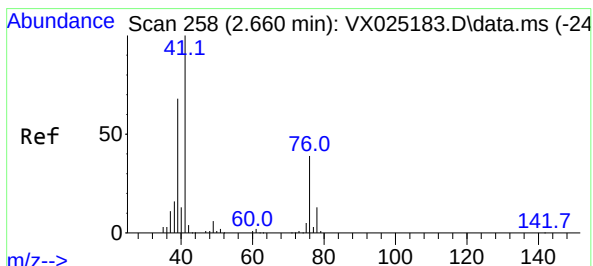
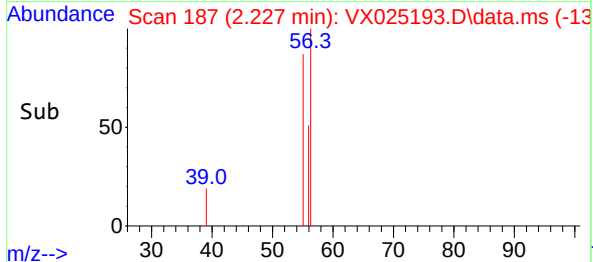
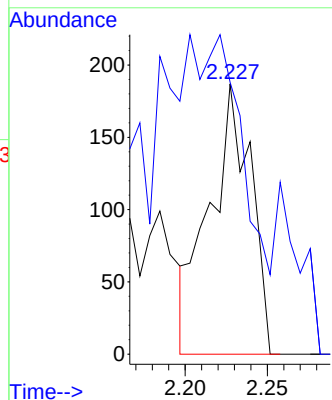
Tgt Ion: 56 Resp: 329
Ion Ratio Lower Upper
56 100
55 0.0 58.6 87.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

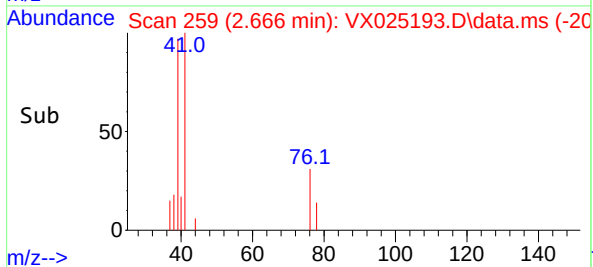
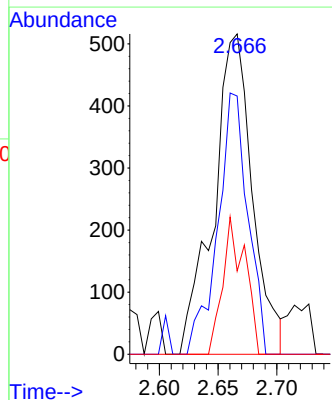
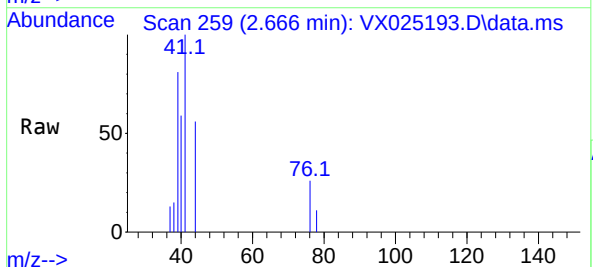
11/18/2021
Supervised By :Mahesh
Dadoda

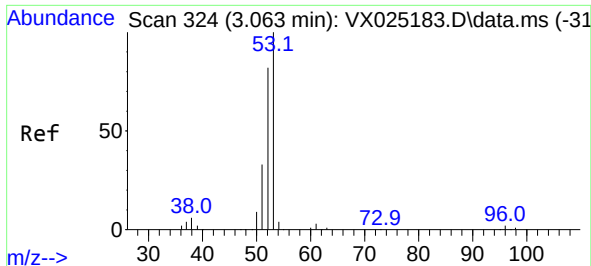
11/18/2021



#14
Allyl chloride
Concen: 0.599 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

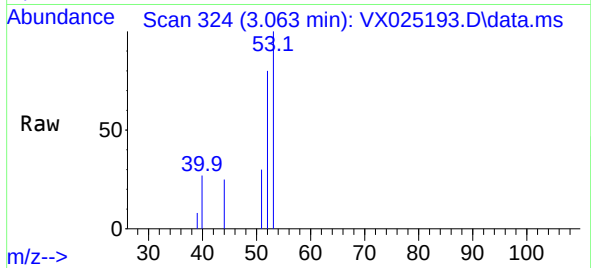
Tgt Ion: 41 Resp: 1193
Ion Ratio Lower Upper
41 100
39 62.9 54.6 82.0
76 24.4 25.3 37.9





#15
Acrylonitrile
Concen: 2.425 ug/l
RT: 3.063 min Scan# 31
Delta R.T. -0.001 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



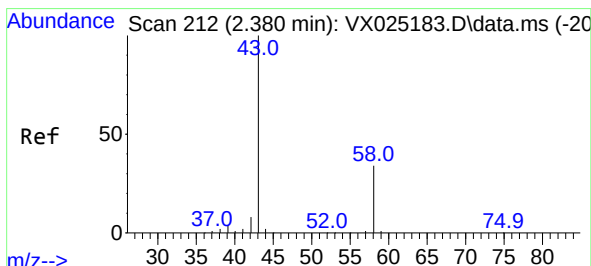
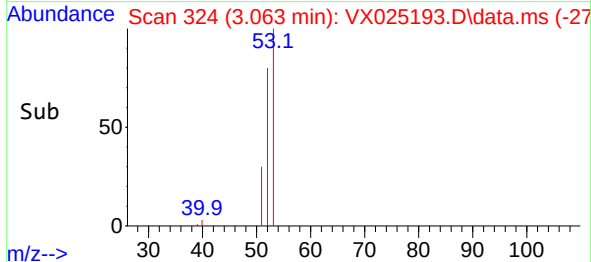
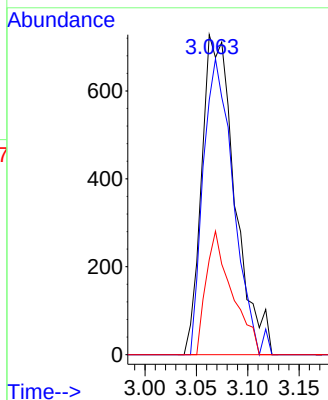
Tgt Ion: 53 Resp: 1629
Ion Ratio Lower Upper
53 100
52 84.6 66.2 99.4
51 30.3 29.8 44.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

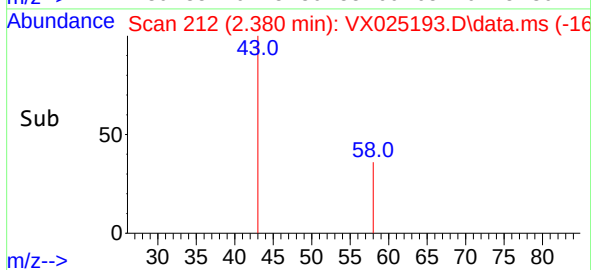
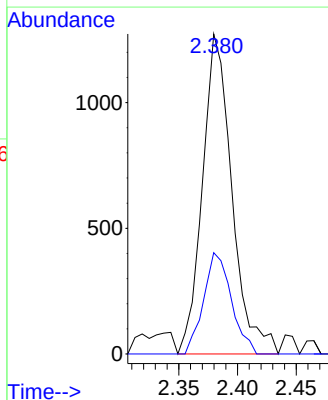
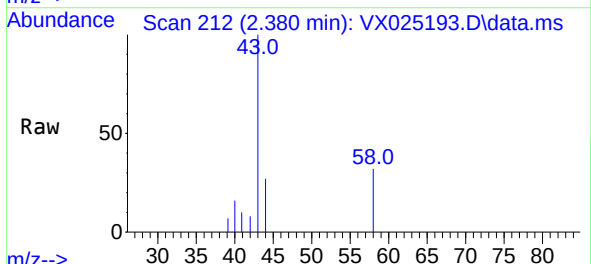
11/18/2021
Supervised By :Mahesh
Dadoda

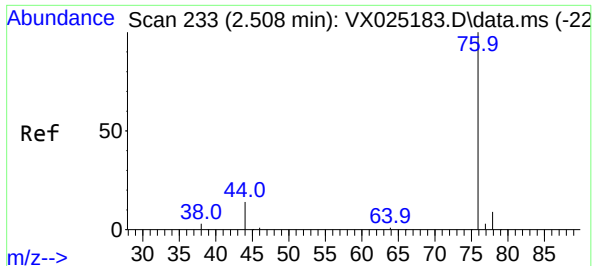
11/18/2021



#16
Acetone
Concen: 3.202 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

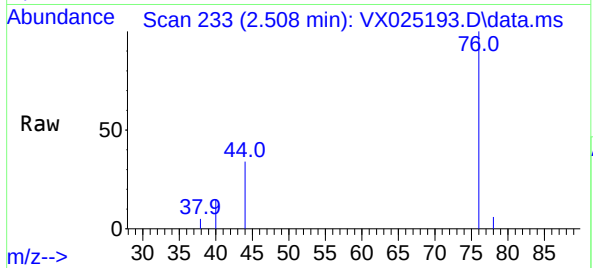
Tgt Ion: 43 Resp: 2227
Ion Ratio Lower Upper
43 100
58 31.7 24.0 36.0





#17
Carbon Disulfide
Concen: 0.558 ug/l
RT: 2.508 min Scan# 217
Delta R.T. -0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



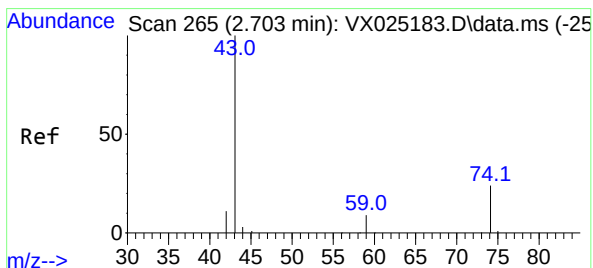
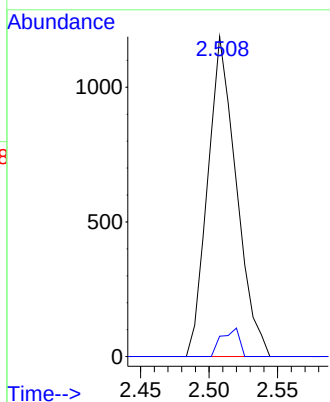
Tgt Ion: 76 Resp: 1729
Ion Ratio Lower Upper
76 100
78 6.4 6.9 10.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

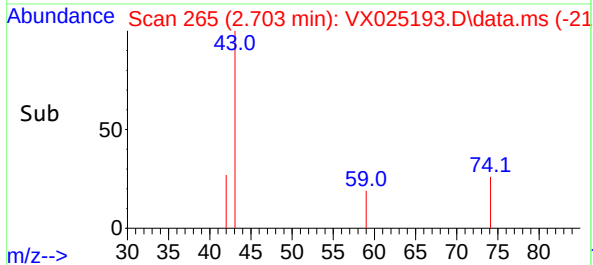
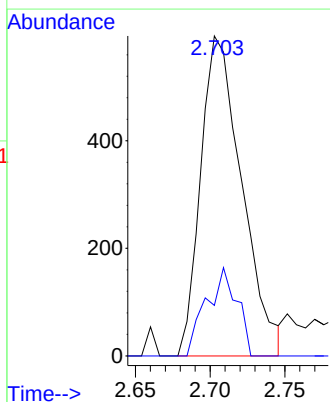
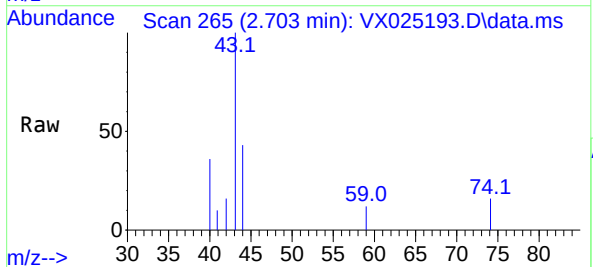
11/18/2021
Supervised By :Mahesh
Dadoda

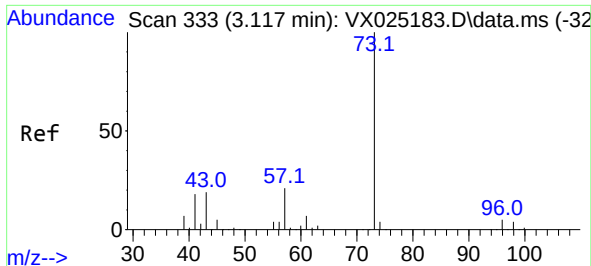
11/18/2021



#18
Methyl Acetate
Concen: 0.513 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Tgt Ion: 43 Resp: 1139
Ion Ratio Lower Upper
43 100
74 20.5 19.0 28.6





#19
Methyl tert-butyl Ether
Concen: 0.447 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

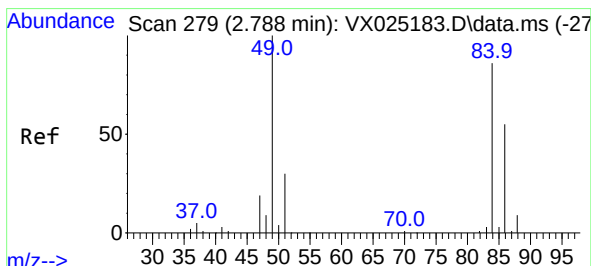
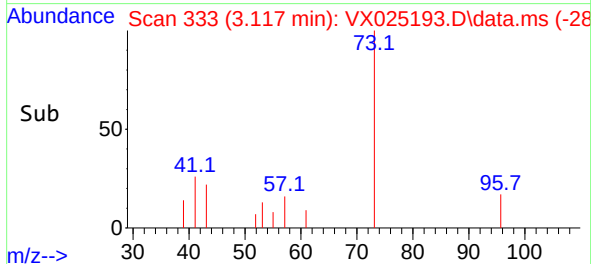
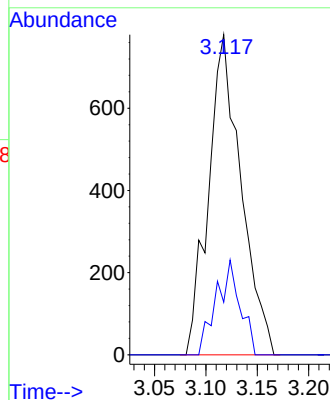
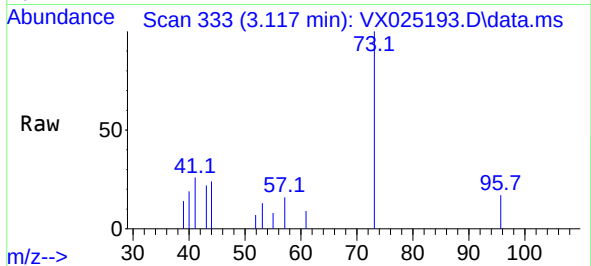
Tgt Ion: 73 Resp: 171
Ion Ratio Lower Upper
73 100
57 16.4 17.5 26.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

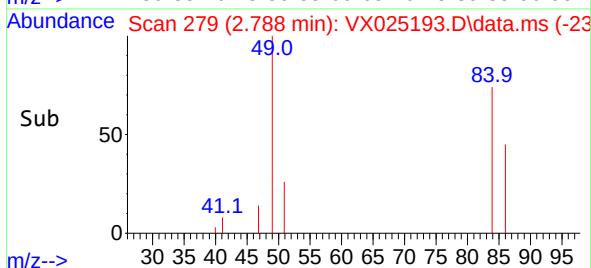
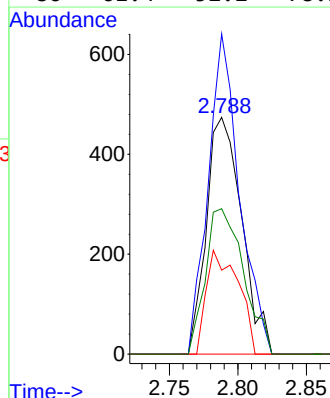
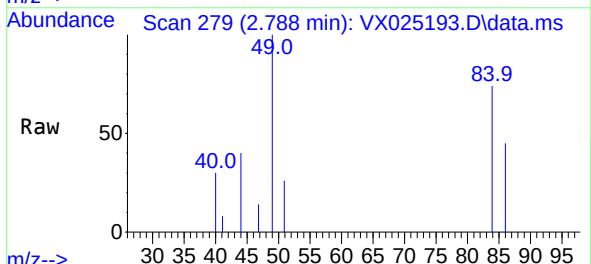
11/18/2021
Supervised By :Mahesh
Dadoda

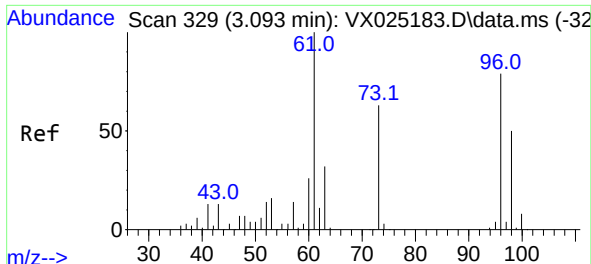
11/18/2021



#20
Methylene Chloride
Concen: 0.652 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

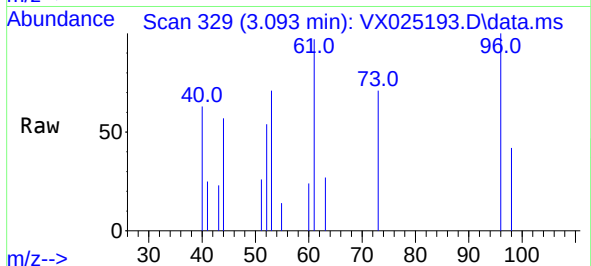
Tgt Ion: 84 Resp: 853
Ion Ratio Lower Upper
84 100
49 135.2 98.2 147.2
51 35.4 30.2 45.4
86 61.4 52.2 78.2





#21
trans-1,2-Dichloroethene
Concen: 0.569 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



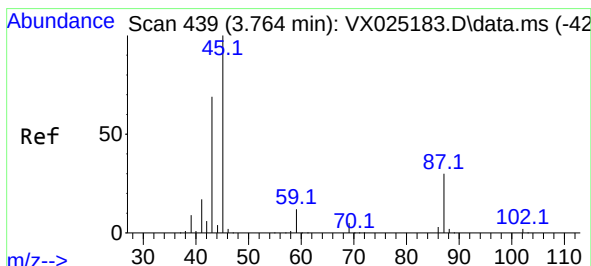
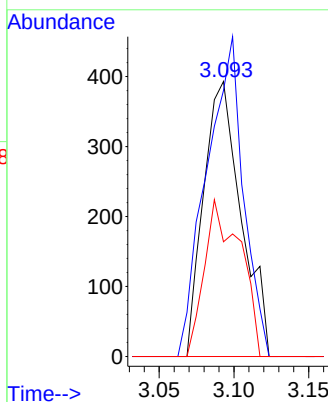
Tgt Ion: 96 Resp: 680
Ion Ratio Lower Upper
96 100
61 96.7 117.9 176.9
98 41.7 51.1 76.7

Manual Integrations
APPROVED

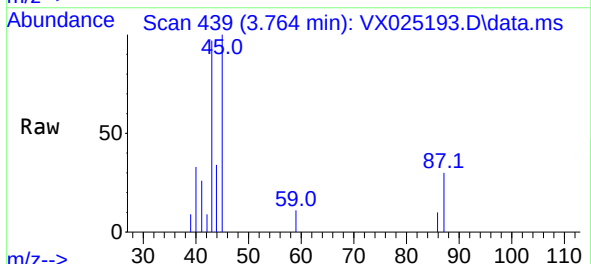
Reviewed By :John
Carlone

11/18/2021
Supervised By :Mahesh
Dadoda

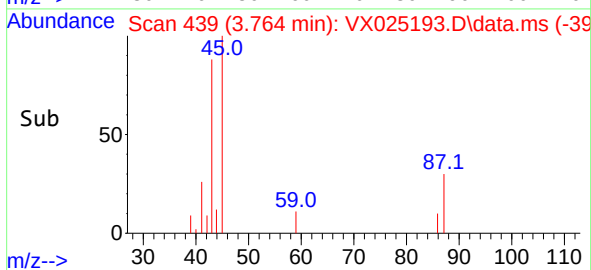
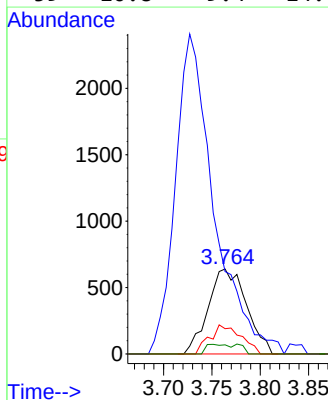
11/18/2021

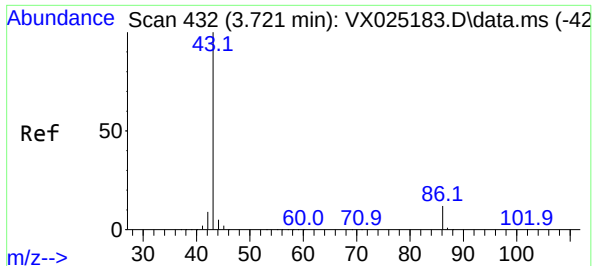


#22
Diisopropyl ether
Concen: 0.464 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47



Tgt Ion: 45 Resp: 1761
Ion Ratio Lower Upper
45 100
43 82.7 58.3 87.5
87 29.7 23.7 35.5
59 10.8 9.4 14.0





#23
 Vinyl Acetate
 Concen: 2.200 ug/l
 RT: 3.727 min Scan# 411
 Delta R.T. 0.006 min
 Lab File: VX025193.D
 Acq: 17 Nov 2021 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021

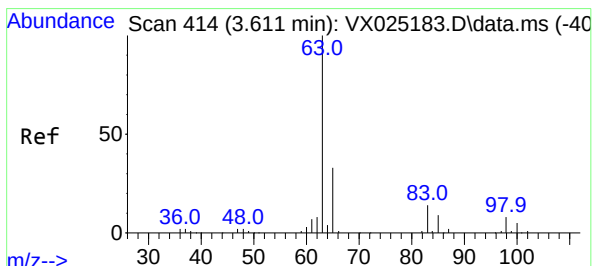
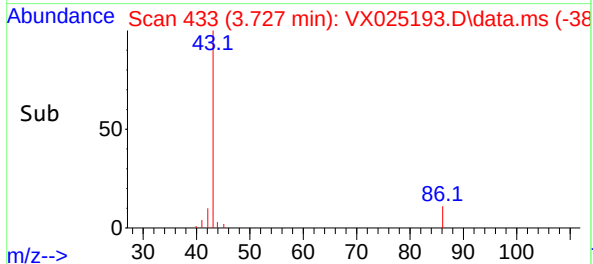
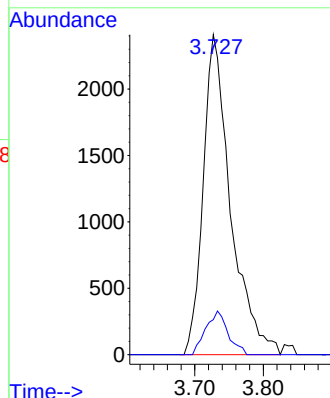
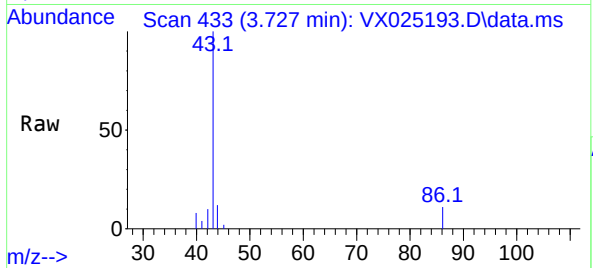
Tgt Ion: 43 Resp: 6704
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.2 12.4

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

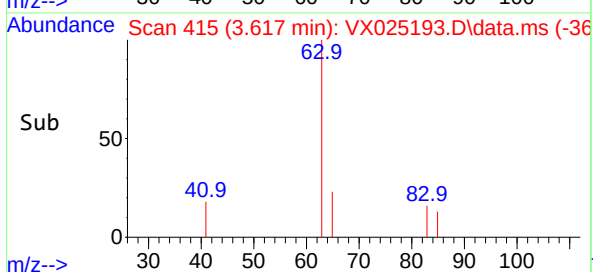
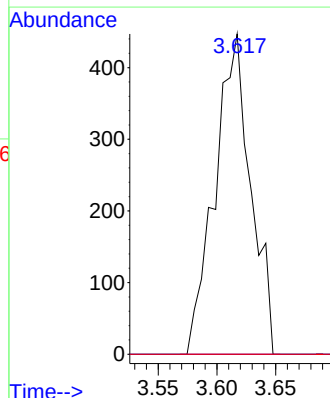
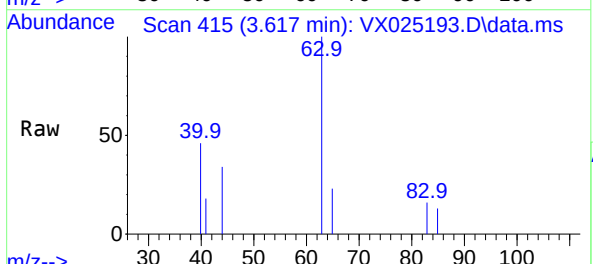
11/18/2021
 Supervised By :Mahesh
 Dadoda

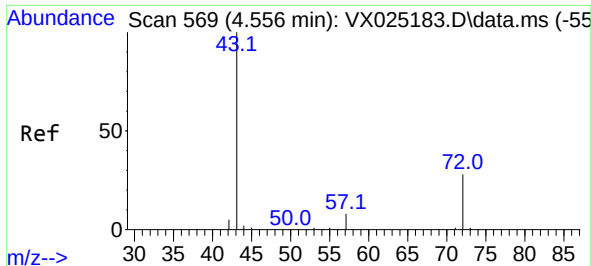
11/18/2021



#24
 1,1-Dichloroethane
 Concen: 0.458 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. 0.006 min
 Lab File: VX025193.D
 Acq: 17 Nov 2021 17:47

Tgt Ion: 63 Resp: 950
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.9#
 100 0.0 2.1 6.2#





#25

2-Butanone

Concen: 2.568 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX025193.D

Acq: 17 Nov 2021 17:47

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 43 Resp: 258

Ion Ratio Lower Upper

43 100

72 21.0 21.2 31.8

Manual Integrations

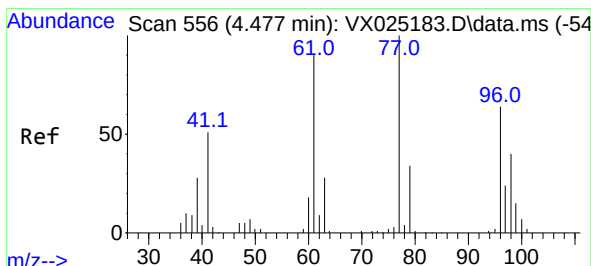
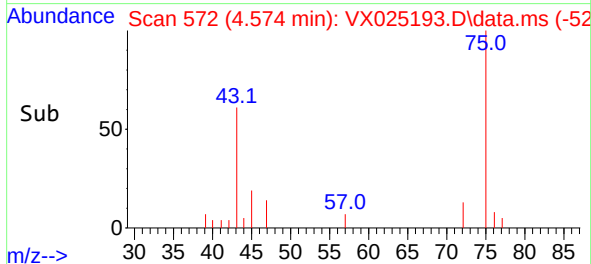
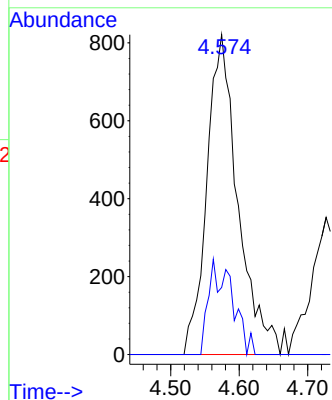
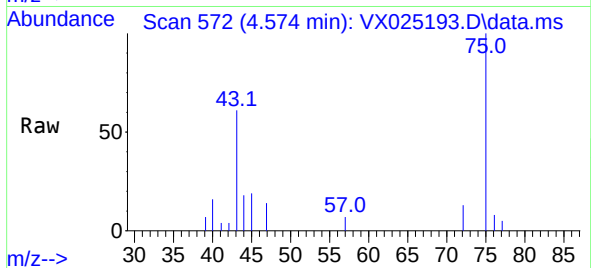
APPROVED

Reviewed By :John
Carlone

11/18/2021

Supervised By :Mahesh
Dadoda

11/18/2021



#26

2,2-Dichloropropane

Concen: 0.414 ug/l

RT: 4.465 min Scan# 554

Delta R.T. -0.012 min

Lab File: VX025193.D

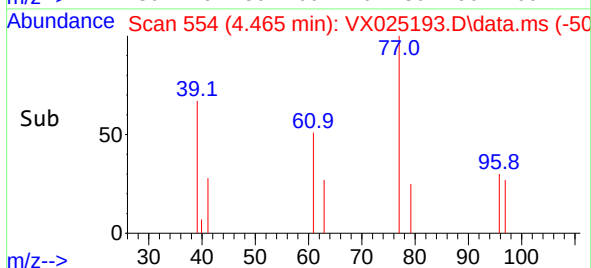
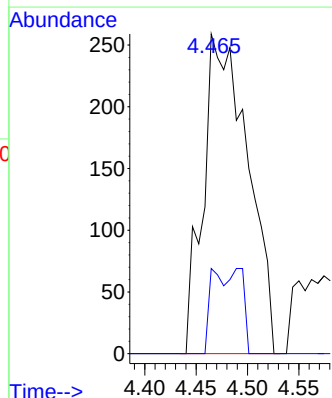
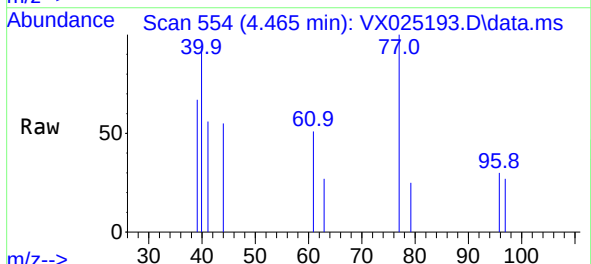
Acq: 17 Nov 2021 17:47

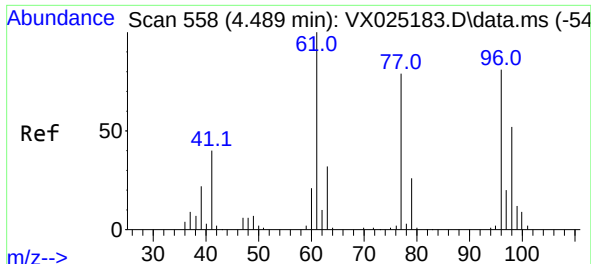
Tgt Ion: 77 Resp: 778

Ion Ratio Lower Upper

77 100

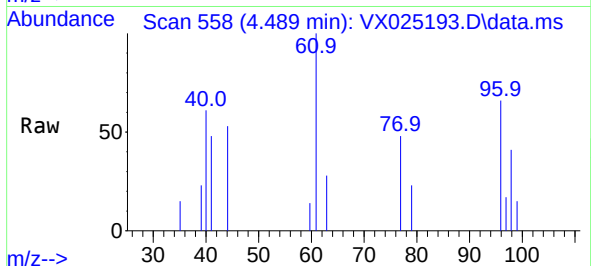
97 8.9 11.2 33.5#





#27
cis-1,2-Dichloroethene
Concen: 0.501 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



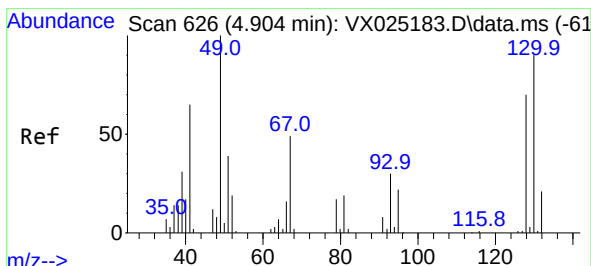
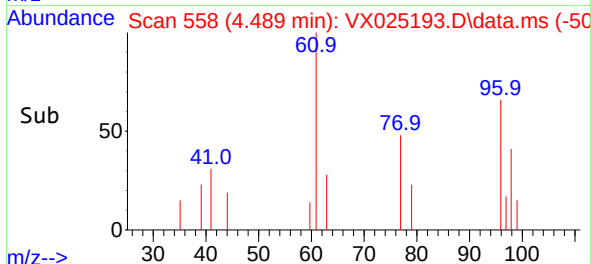
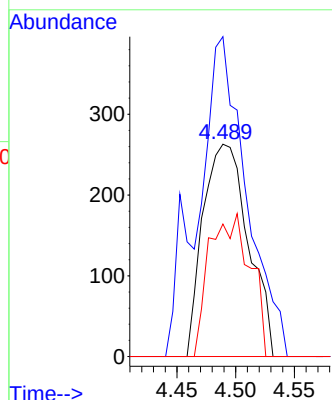
Tgt Ion: 96 Resp: 700
Ion Ratio Lower Upper
96 100
61 161.0 0.0 302.2
98 60.6 0.0 131.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

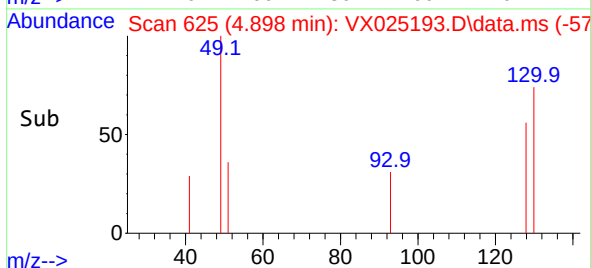
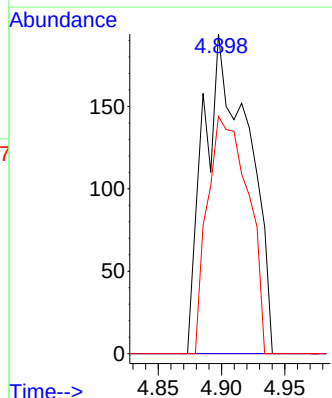
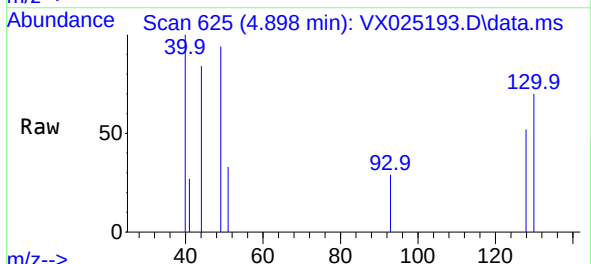
11/18/2021
Supervised By :Mahesh
Dadoda

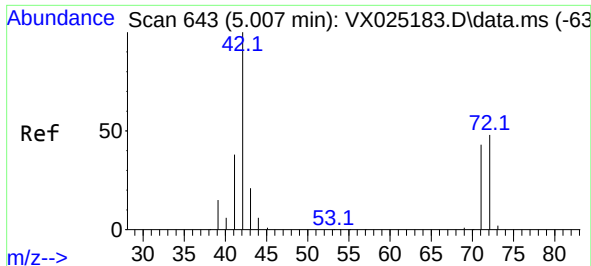
11/18/2021



#28
Bromochloromethane
Concen: 0.496 ug/l
RT: 4.898 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Tgt Ion: 49 Resp: 479
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 67.0 65.2 97.8





#29

Tetrahydrofuran

Concen: 2.403 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX025193.D

Acq: 17 Nov 2021 17:47

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion:	42	Resp:	1490
Ion	Ratio	Lower	Upper
42	100		
72	40.2	36.1	54.1
71	39.6	33.7	50.5

Manual Integrations

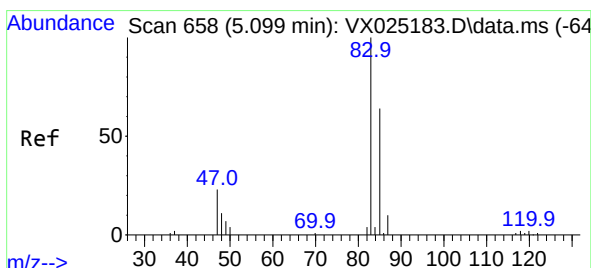
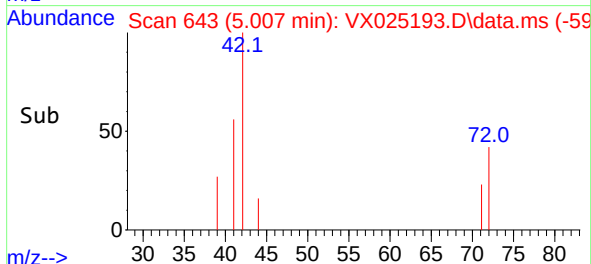
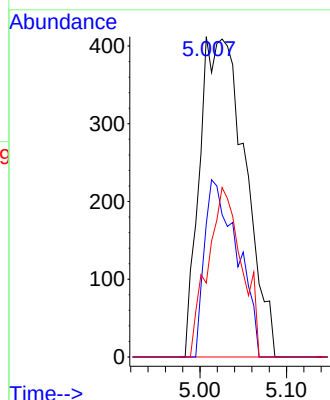
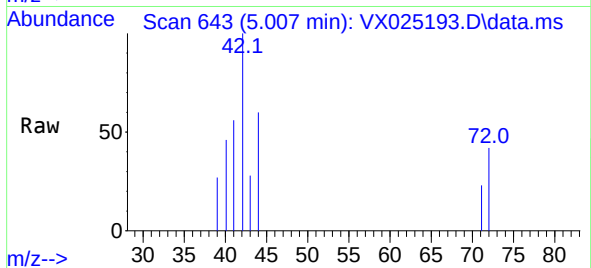
APPROVED

Reviewed By :John
Carlone

11/18/2021

Supervised By :Mahesh
Dadoda

11/18/2021



#30

Chloroform

Concen: 0.491 ug/l

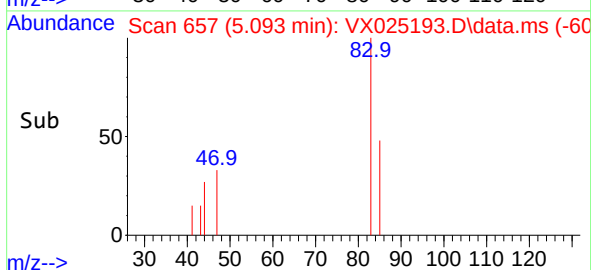
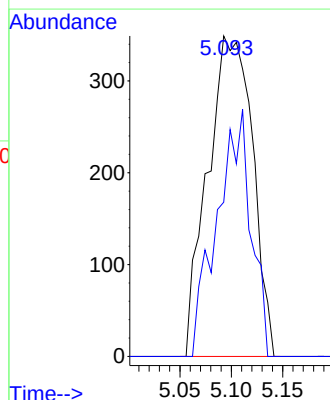
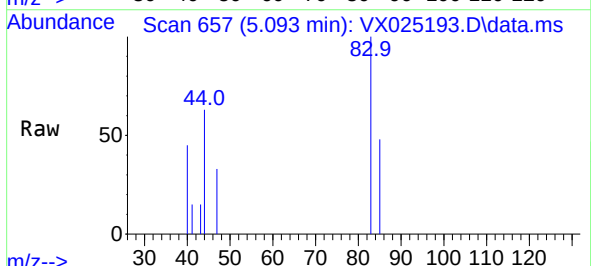
RT: 5.093 min Scan# 657

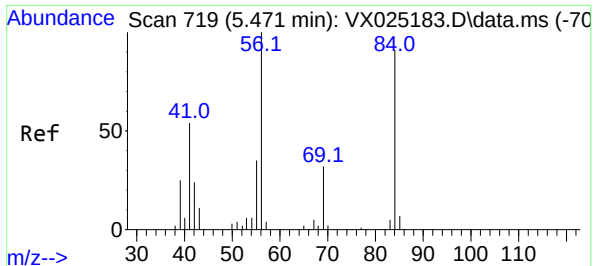
Delta R.T. -0.006 min

Lab File: VX025193.D

Acq: 17 Nov 2021 17:47

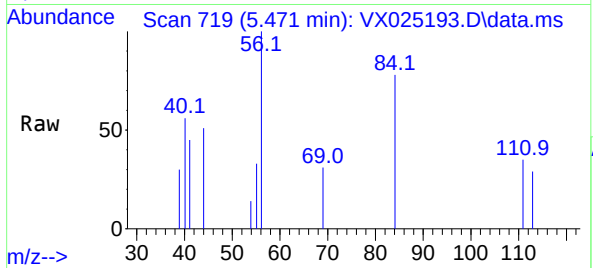
Tgt Ion:	83	Resp:	1060
Ion	Ratio	Lower	Upper
83	100		
85	48.1	50.2	75.2#





#31
Cyclohexane
Concen: 0.547 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



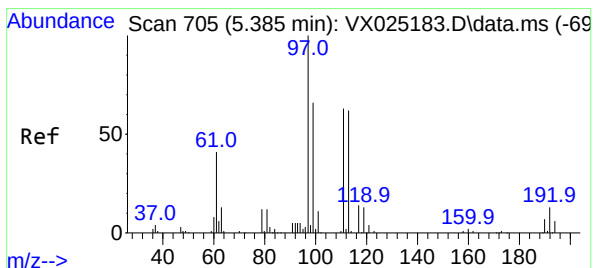
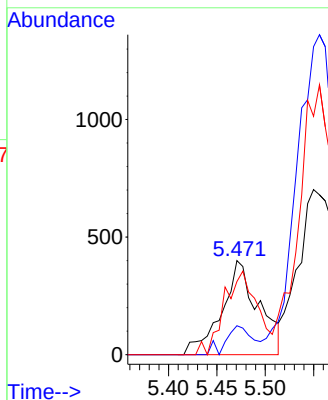
Tgt Ion: 56 Resp: 1058
Ion Ratio Lower Upper
56 100
69 30.8 24.2 36.2
84 77.8 71.5 107.3

Manual Integrations
APPROVED

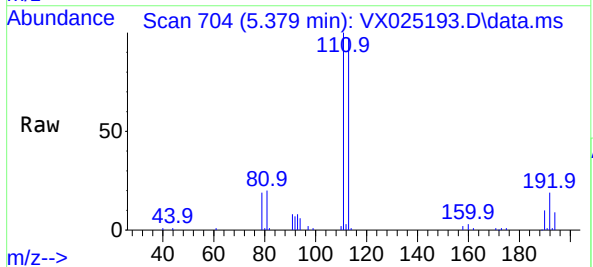
Reviewed By :John
Carlone

11/18/2021
Supervised By :Mahesh
Dadoda

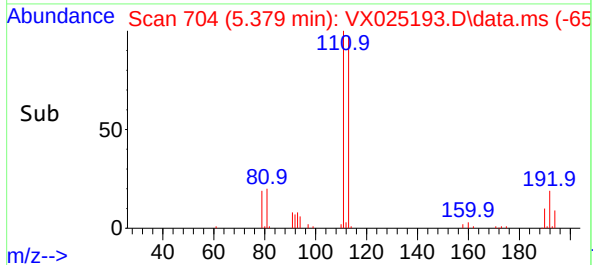
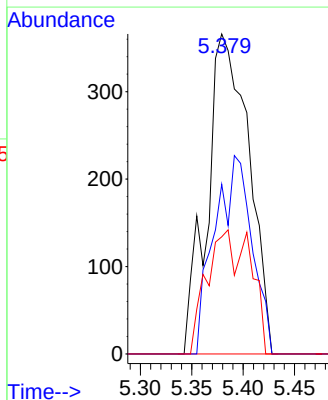
11/18/2021

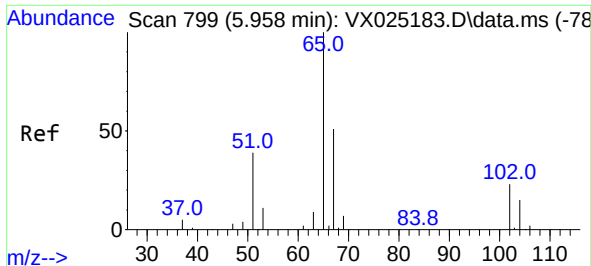


#32
1,1,1-Trichloroethane
Concen: 0.521 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47



Tgt Ion: 97 Resp: 1029
Ion Ratio Lower Upper
97 100
99 0.0 50.9 76.3#
61 25.4 35.0 52.4#





#33

1,2-Dichloroethane-d4

Concen: 50.405 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025193.D

Acq: 17 Nov 2021 17:47

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 65 Resp: 63090

Ion Ratio Lower Upper

65 100

67 53.9 0.0 101.0

Manual Integrations

APPROVED

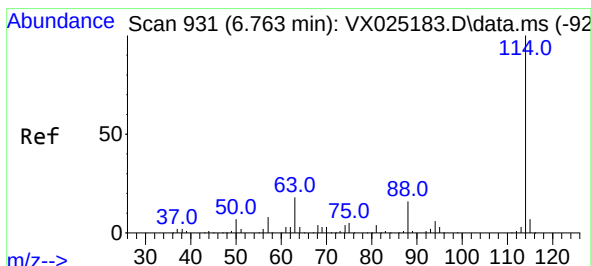
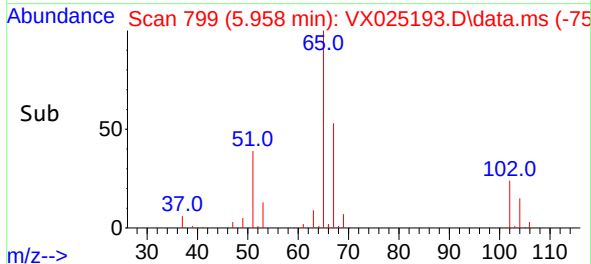
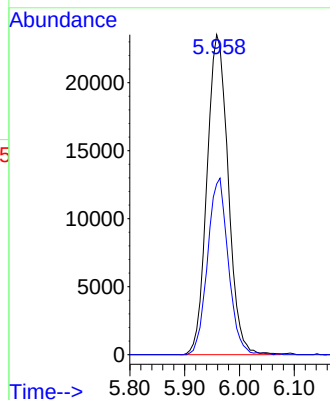
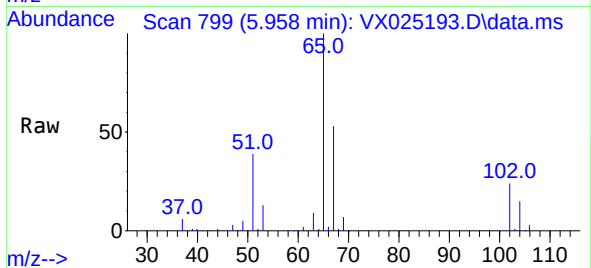
Reviewed By :John

Carlone

11/18/2021

Supervised By :Mahesh
Dadoda

11/18/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX025193.D

Acq: 17 Nov 2021 17:47

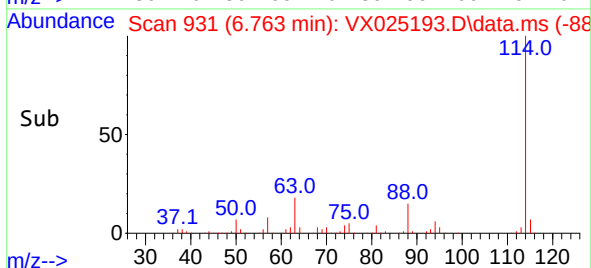
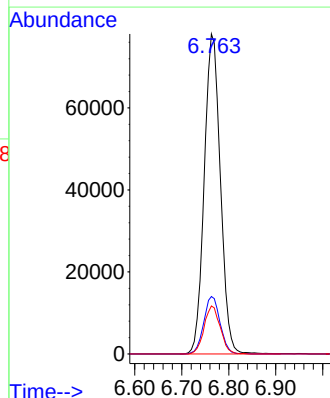
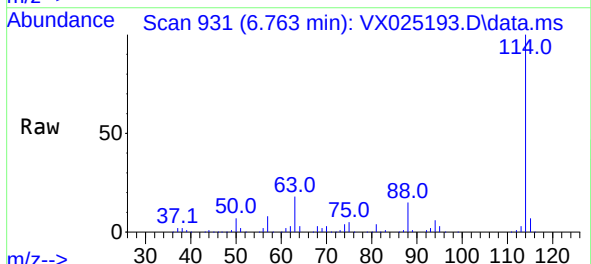
Tgt Ion:114 Resp: 186046

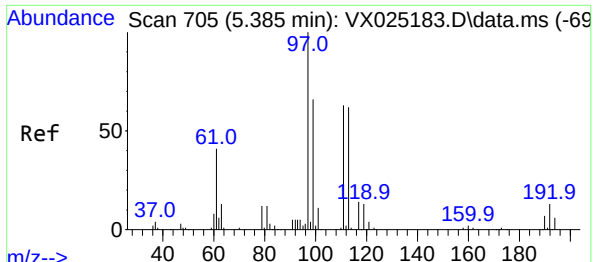
Ion Ratio Lower Upper

114 100

63 18.0 0.0 41.0

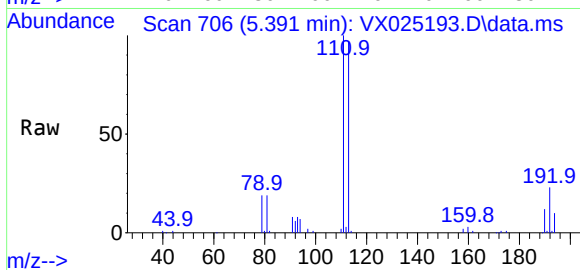
88 15.0 0.0 34.8





#35
Dibromofluoromethane
Concen: 50.384 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



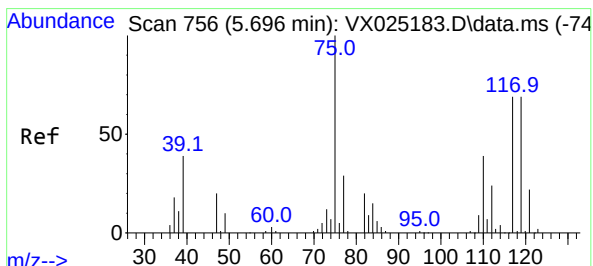
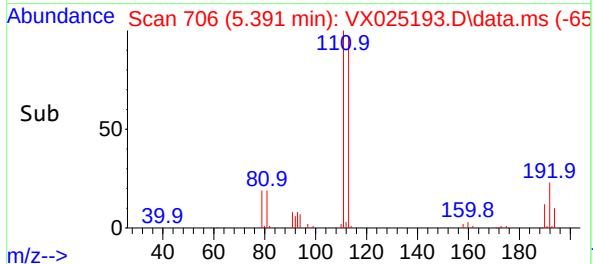
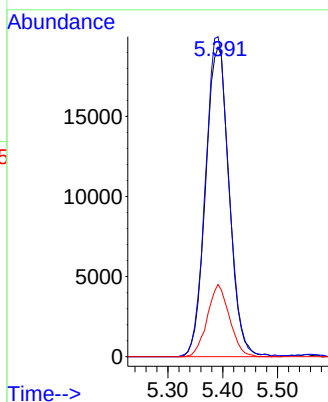
Tgt Ion:113 Resp: 57514
Ion Ratio Lower Upper
113 100
111 102.9 82.1 123.1
192 22.0 15.6 23.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

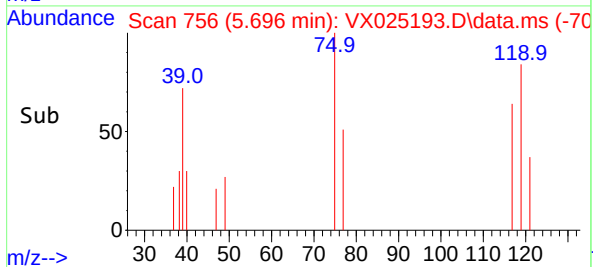
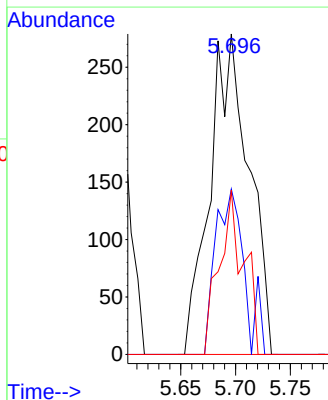
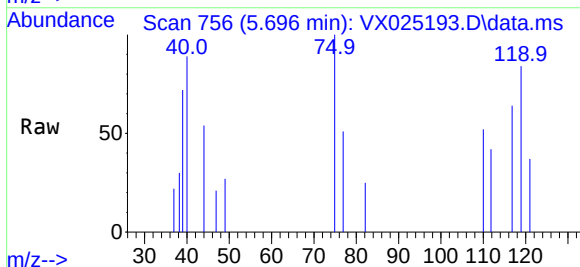
11/18/2021
Supervised By :Mahesh
Dadoda

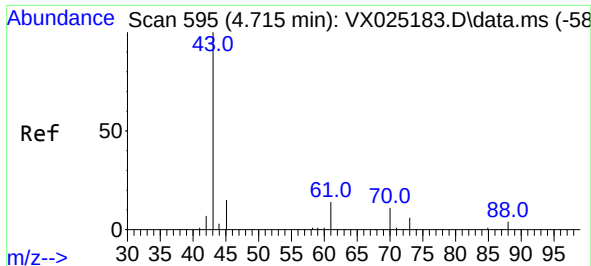
11/18/2021



#36
1,1-Dichloropropene
Concen: 0.428 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

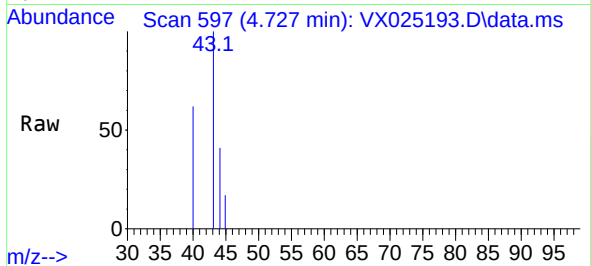
Tgt Ion: 75 Resp: 695
Ion Ratio Lower Upper
75 100
110 37.4 18.1 54.3
77 32.1 24.4 36.6





#37
Ethyl Acetate
Concen: 0.618 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.012 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



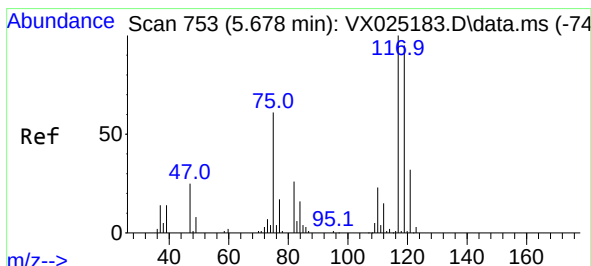
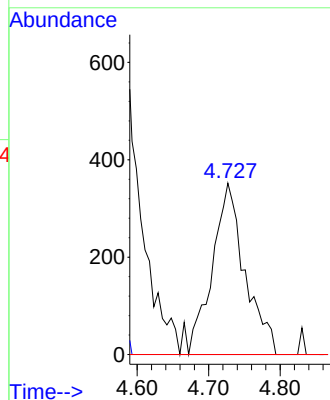
Tgt Ion: 43 Resp: 114
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.0
70 0.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

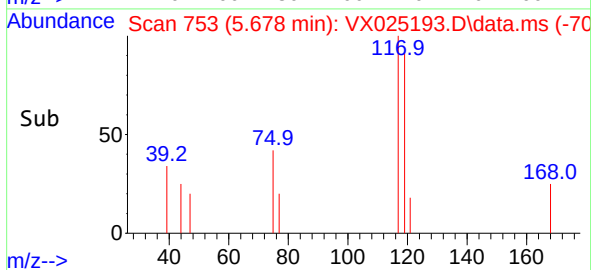
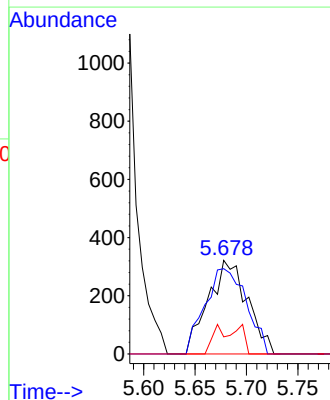
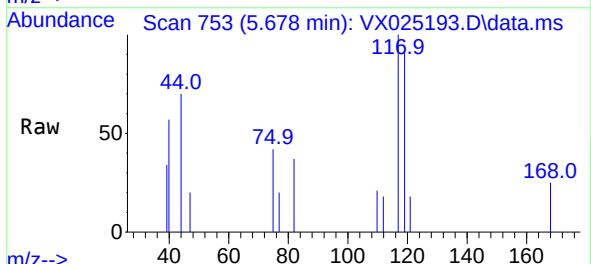
11/18/2021
Supervised By :Mahesh
Dadoda

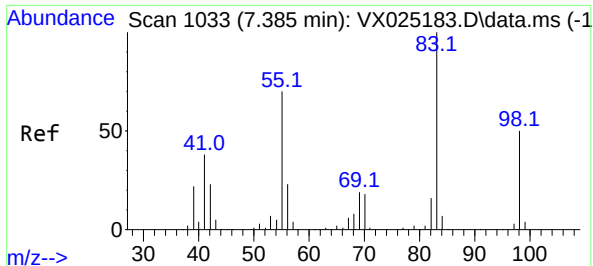
11/18/2021



#38
Carbon Tetrachloride
Concen: 0.477 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

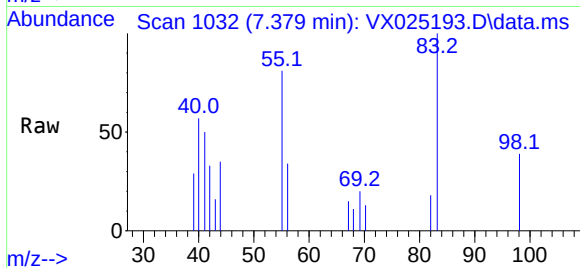
Tgt Ion:117 Resp: 852
Ion Ratio Lower Upper
117 100
119 91.0 75.6 113.4
121 18.3 23.7 35.5





#39
Methylcyclohexane
Concen: 0.469 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



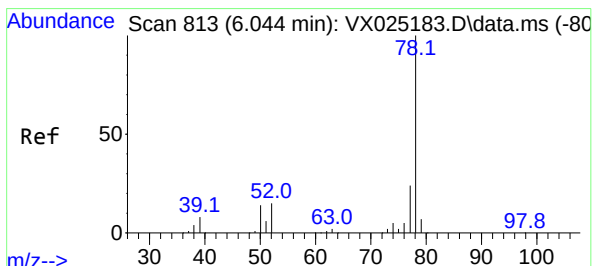
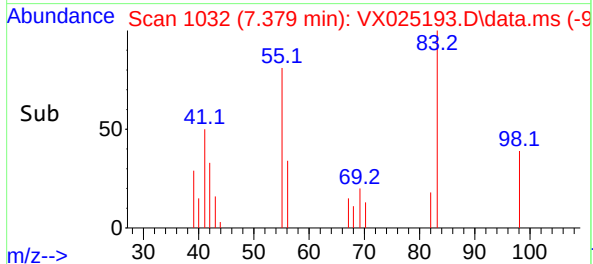
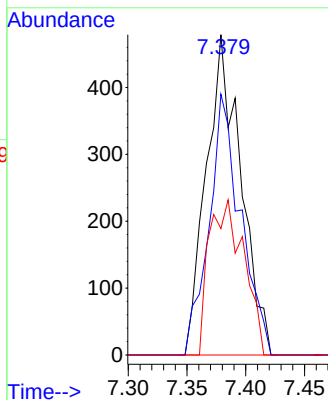
Tgt Ion: 83 Resp: 97
Ion Ratio Lower Upper
83 100
55 81.4 60.8 91.2
98 39.5 37.0 55.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

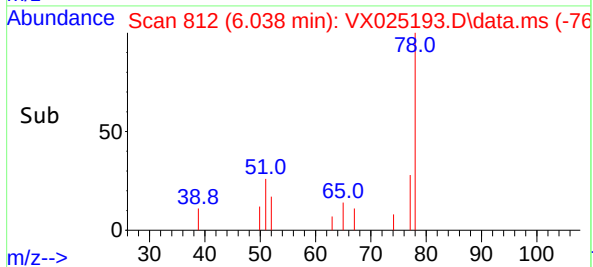
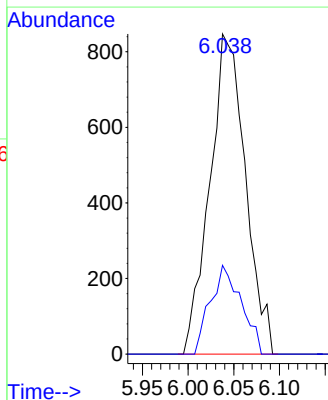
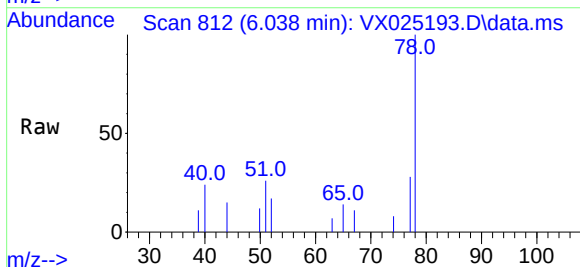
11/18/2021
Supervised By :Mahesh
Dadoda

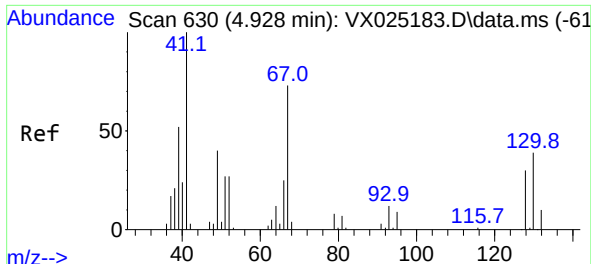
11/18/2021



#40
Benzene
Concen: 0.467 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

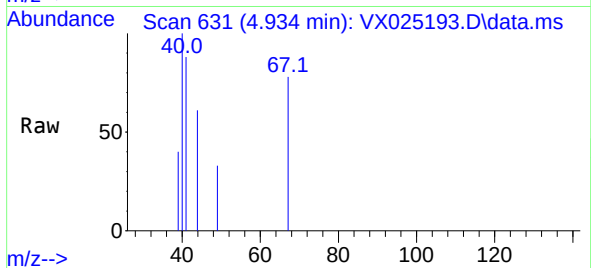
Tgt Ion: 78 Resp: 2297
Ion Ratio Lower Upper
78 100
77 27.7 18.3 27.5#





#41
Methacrylonitrile
Concen: 0.589 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



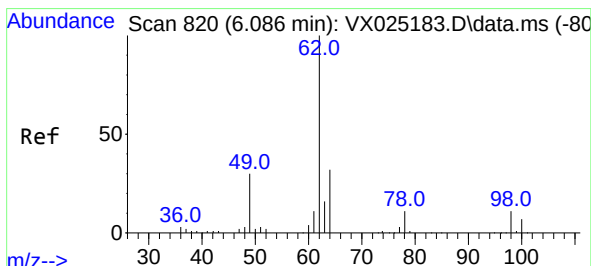
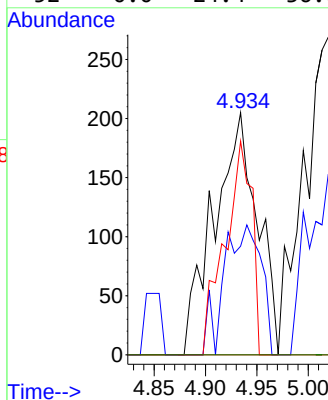
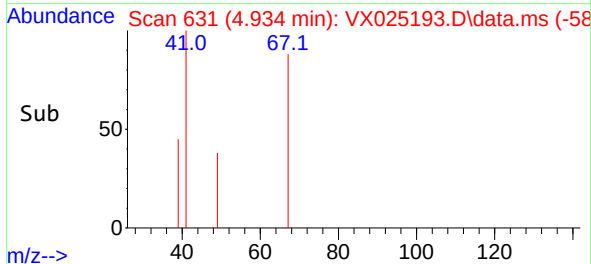
Tgt Ion: 41 Resp: 604
Ion Ratio Lower Upper
41 100
39 45.7 44.6 67.0
67 55.0 56.7 85.1
52 0.0 24.4 36.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

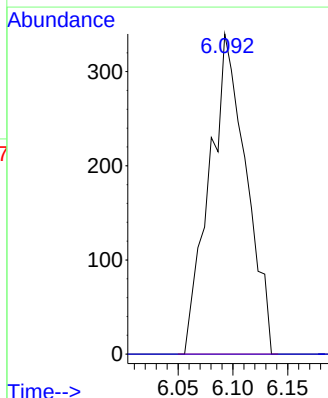
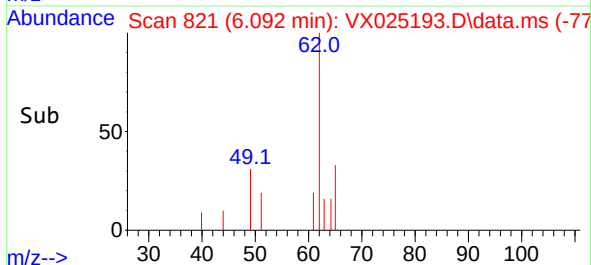
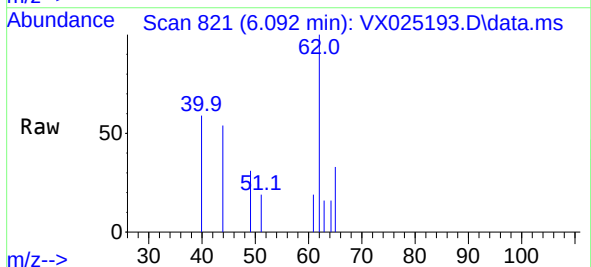
11/18/2021
Supervised By :Mahesh
Dadoda

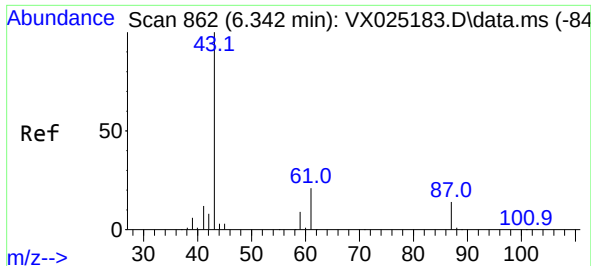
11/18/2021



#42
1,2-Dichloroethane
Concen: 0.498 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

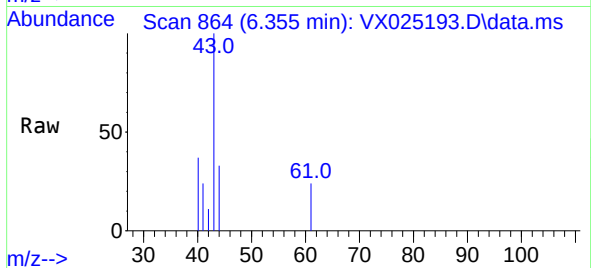
Tgt Ion: 62 Resp: 796
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.0





#43
Isopropyl Acetate
Concen: 0.473 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.013 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



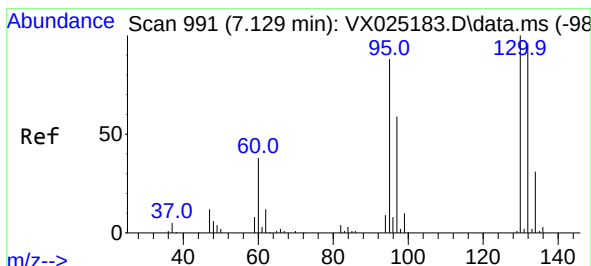
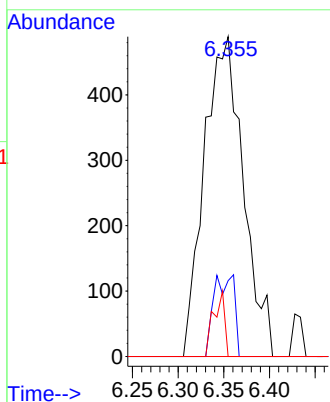
Tgt Ion: 43 Resp: 145
Ion Ratio Lower Upper
43 100
61 13.4 15.3 22.9
87 5.8 10.9 16.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

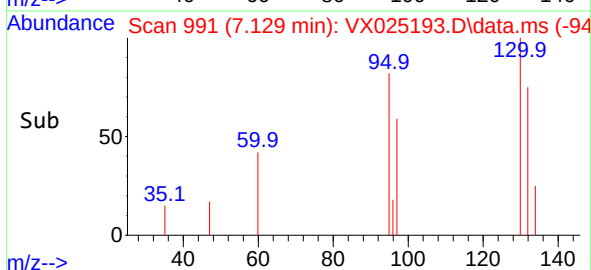
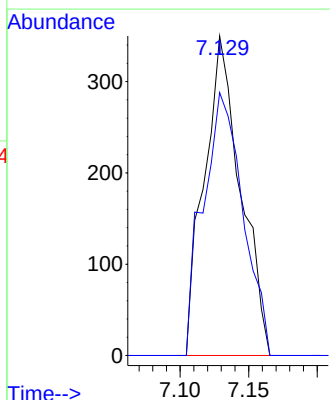
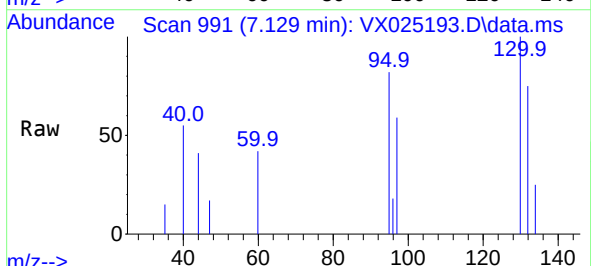
11/18/2021
Supervised By :Mahesh
Dadoda

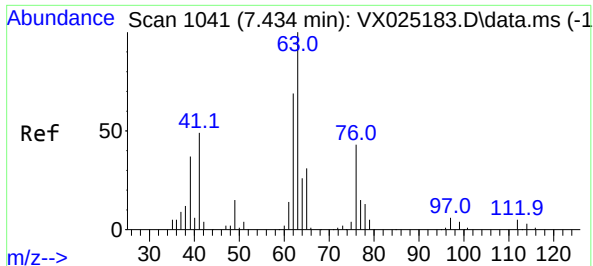
11/18/2021



#44
Trichloroethene
Concen: 0.451 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Tgt Ion:130 Resp: 644
Ion Ratio Lower Upper
130 100
95 82.3 0.0 196.8





#45

1,2-Dichloropropane

Concen: 0.421 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX025193.D

Acq: 17 Nov 2021 17:47

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 63 Resp: 509

Ion Ratio Lower Upper

63 100

65 35.8 25.1 37.7

Manual Integrations

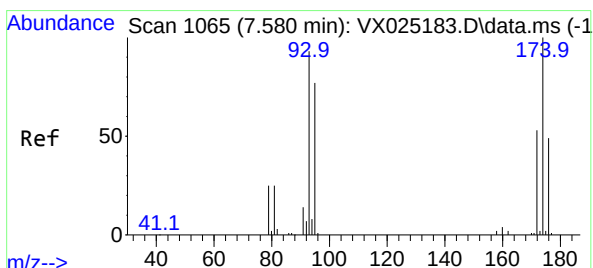
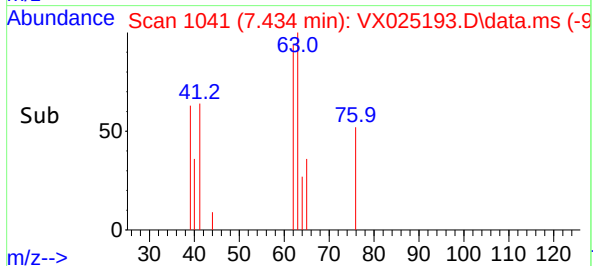
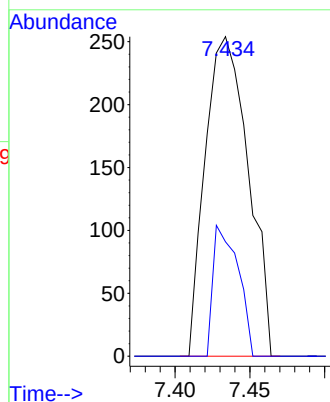
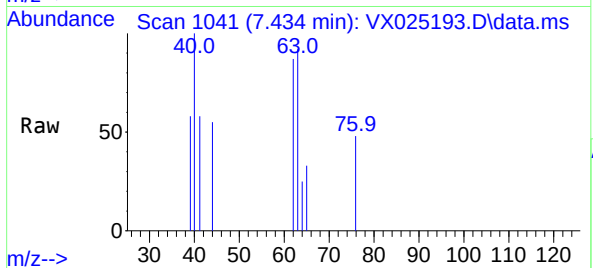
APPROVED

Reviewed By :John
Carlone

11/18/2021

Supervised By :Mahesh
Dadoda

11/18/2021



#46

Dibromomethane

Concen: 0.430 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX025193.D

Acq: 17 Nov 2021 17:47

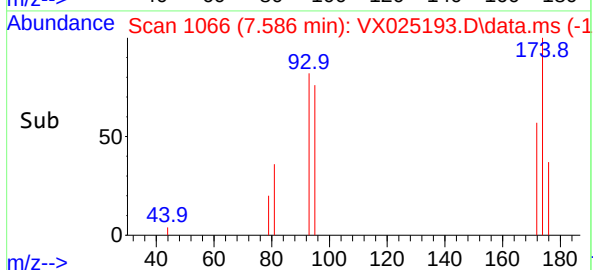
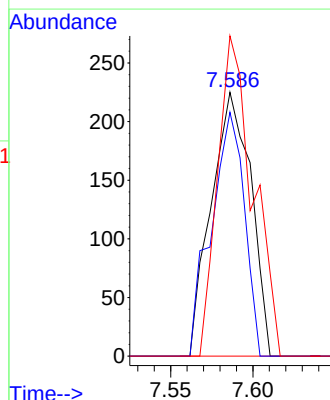
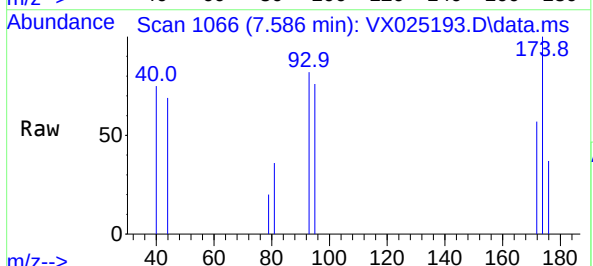
Tgt Ion: 93 Resp: 377

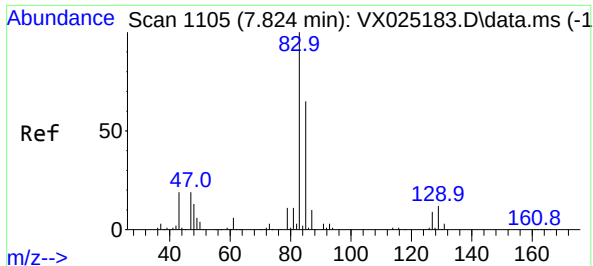
Ion Ratio Lower Upper

93 100

95 77.2 66.6 100.0

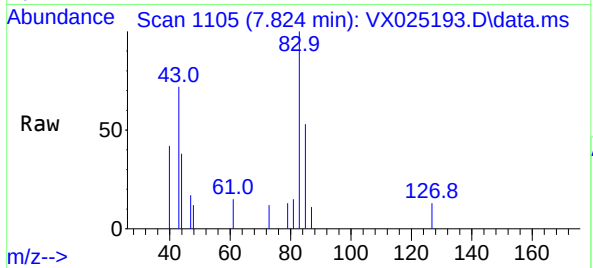
174 108.2 79.2 118.8





#47
Bromodichloromethane
Concen: 0.460 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



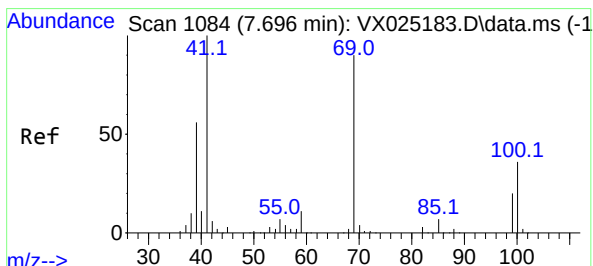
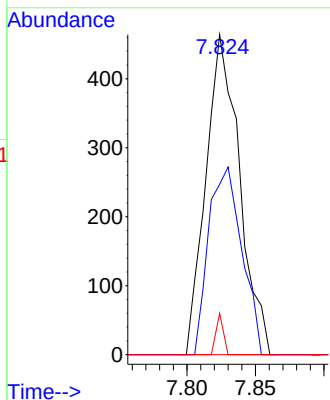
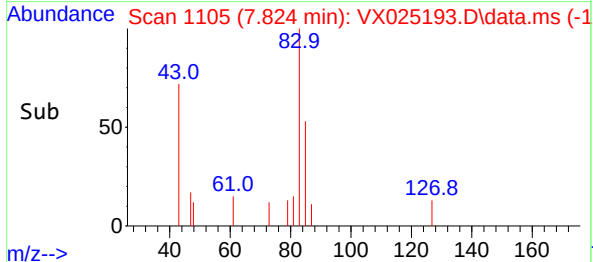
Tgt Ion: 83 Resp: 793
Ion Ratio Lower Upper
83 100
85 53.2 53.5 80.3
127 12.9 7.7 11.5

Manual Integrations
APPROVED

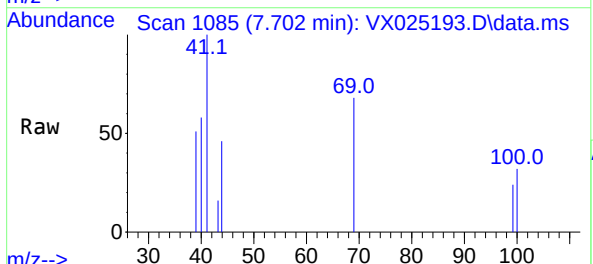
Reviewed By :John
Carlone

11/18/2021
Supervised By :Mahesh
Dadoda

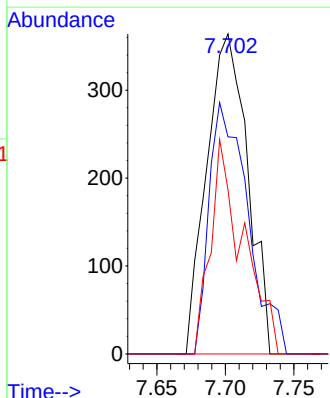
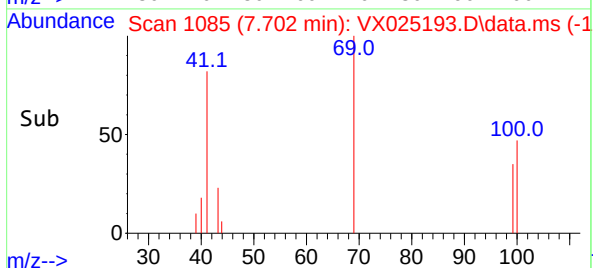
11/18/2021

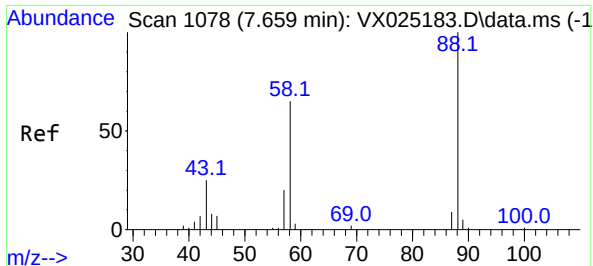


#48
Methyl methacrylate
Concen: 0.524 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47



Tgt Ion: 41 Resp: 756
Ion Ratio Lower Upper
41 100
69 74.7 64.5 96.7
39 53.6 46.9 70.3





#49

1,4-Dioxane

Concen: 9.947 ug/l

RT: 7.678 min Scan# 1081

Delta R.T. 0.019 min

Lab File: VX025193.D

Acq: 17 Nov 2021 17:47

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 88 Resp: 30000
 Ion Ratio Lower Upper
 88 100
 43 0.0 27.0 40.6
 58 49.5 55.2 82.8

Manual Integrations

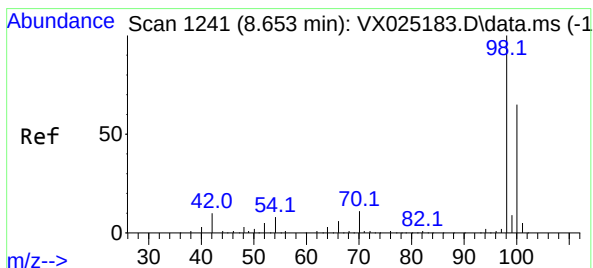
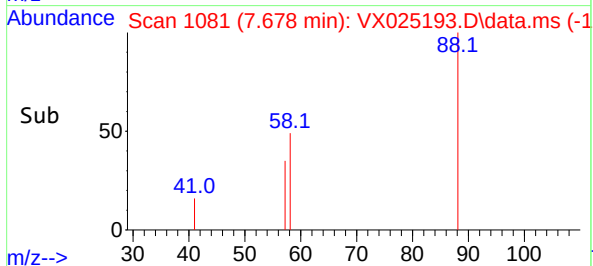
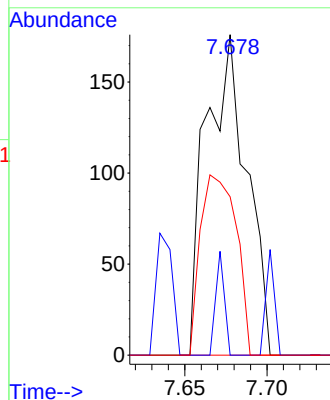
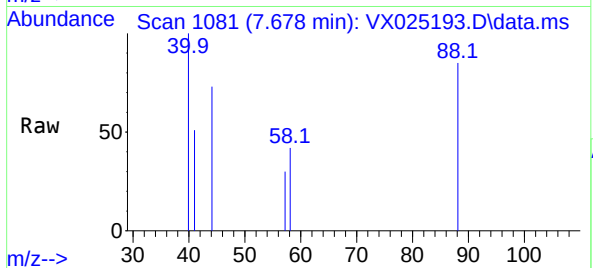
APPROVED

Reviewed By :John
 Carlone

11/18/2021

Supervised By :Mahesh
 Dadoda

11/18/2021



#50

Toluene-d8

Concen: 48.461 ug/l

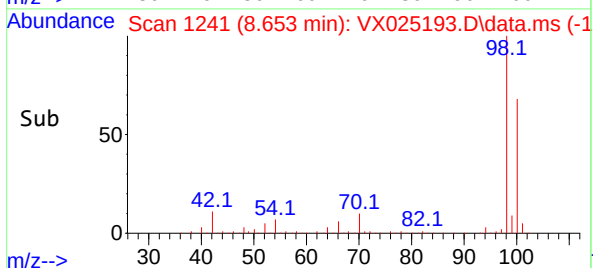
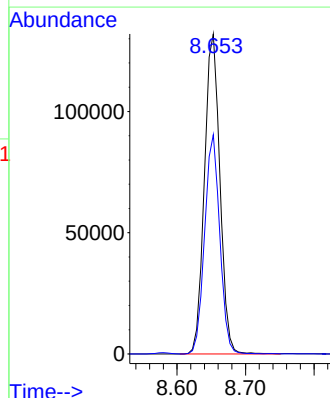
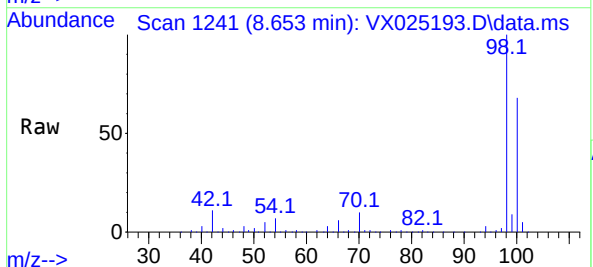
RT: 8.653 min Scan# 1241

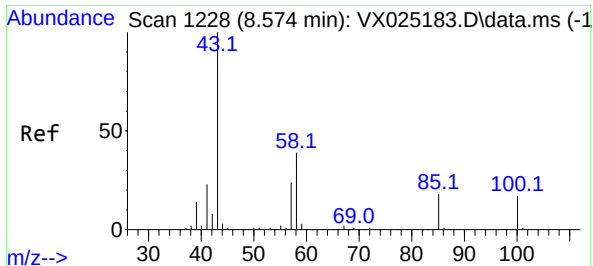
Delta R.T. -0.000 min

Lab File: VX025193.D

Acq: 17 Nov 2021 17:47

Tgt Ion: 98 Resp: 207992
 Ion Ratio Lower Upper
 98 100
 100 67.0 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 2.232 ug/l
RT: 8.580 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2021

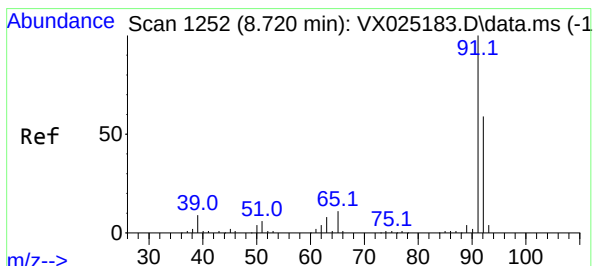
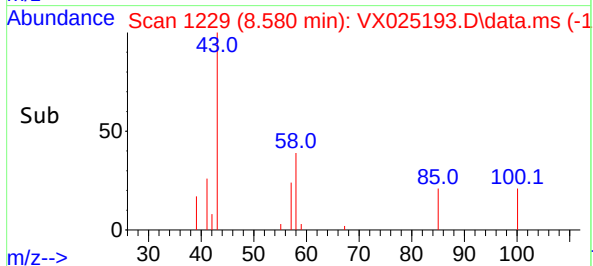
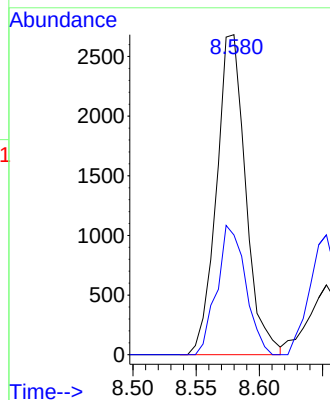
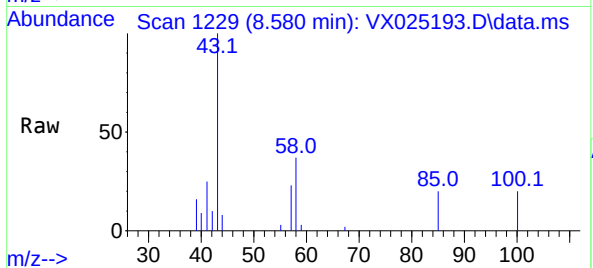
Tgt Ion: 43 Resp: 4302
Ion Ratio Lower Upper
43 100
58 39.6 30.9 46.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

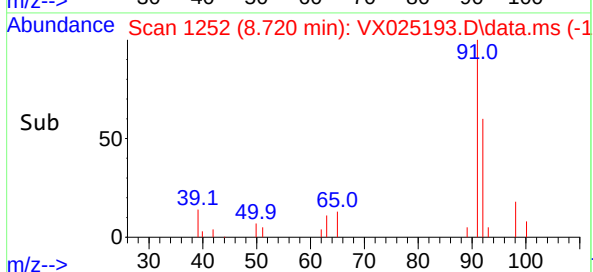
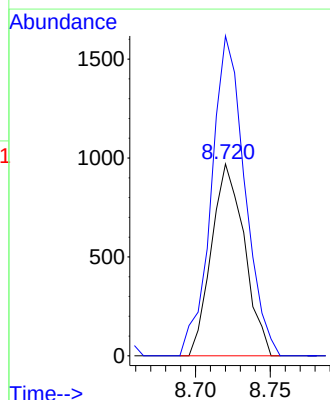
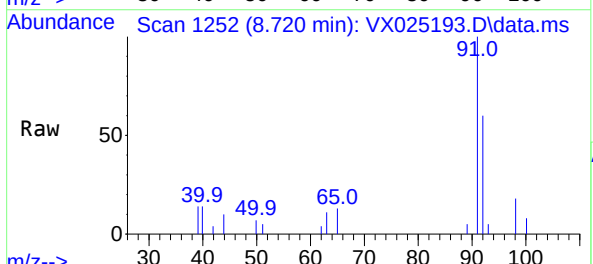
11/18/2021
Supervised By :Mahesh
Dadoda

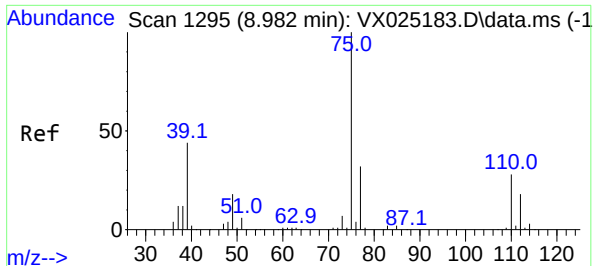
11/18/2021



#52
Toluene
Concen: 0.463 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Tgt Ion: 92 Resp: 1487
Ion Ratio Lower Upper
92 100
91 169.3 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 0.430 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX025193.D

Acq: 17 Nov 2021 17:47

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 75 Resp: 821
 Ion Ratio Lower Upper
 75 100
 77 28.7 25.6 38.4

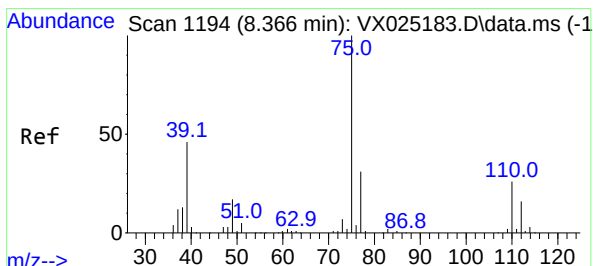
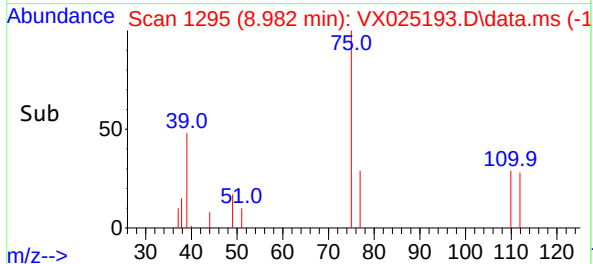
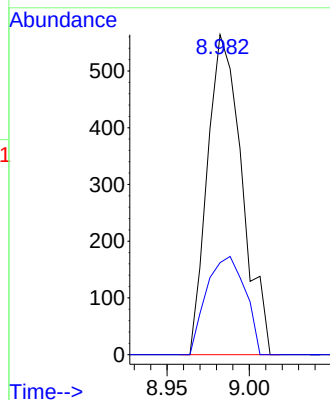
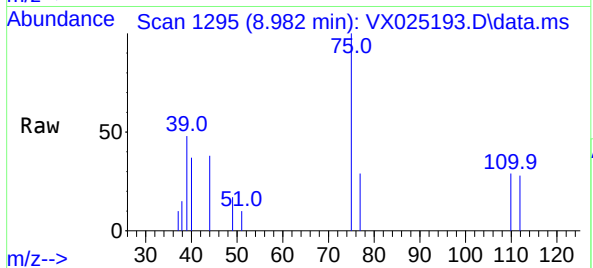
Manual Integrations
APPROVED

Reviewed By :John
 Carlone

11/18/2021

Supervised By :Mahesh
 Dadoda

11/18/2021



#54

cis-1,3-Dichloropropene

Concen: 0.415 ug/l

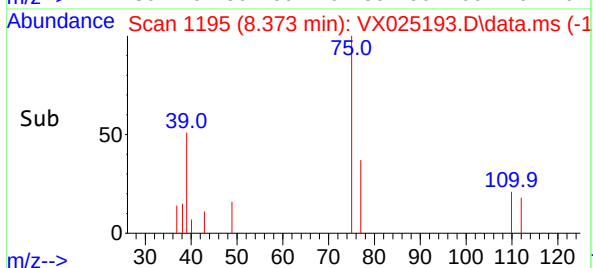
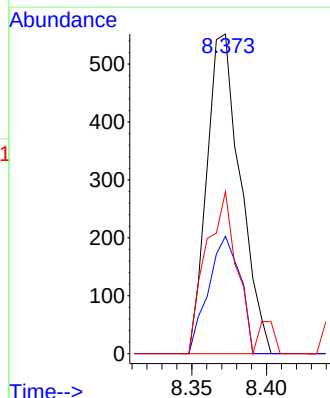
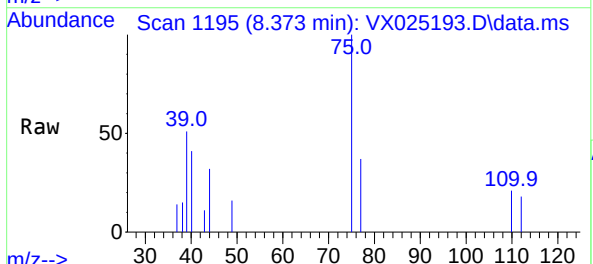
RT: 8.373 min Scan# 1195

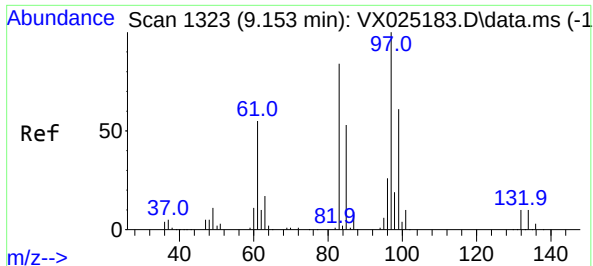
Delta R.T. 0.007 min

Lab File: VX025193.D

Acq: 17 Nov 2021 17:47

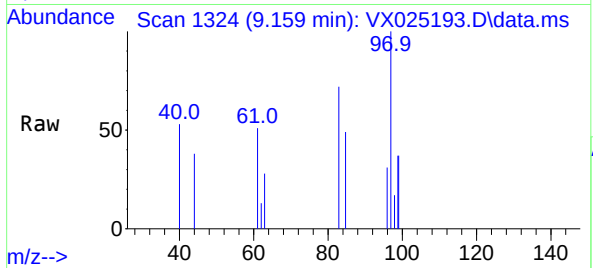
Tgt Ion: 75 Resp: 862
 Ion Ratio Lower Upper
 75 100
 77 36.8 23.8 35.8#
 39 50.7 38.8 58.2





#55
1,1,2-Trichloroethane
Concen: 0.433 ug/l
RT: 9.159 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



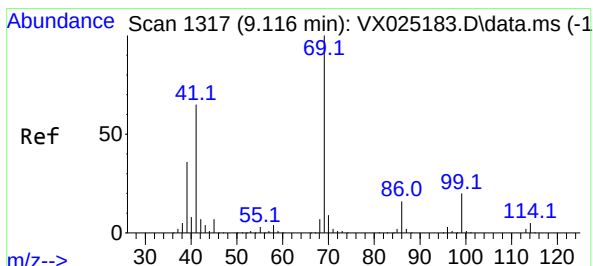
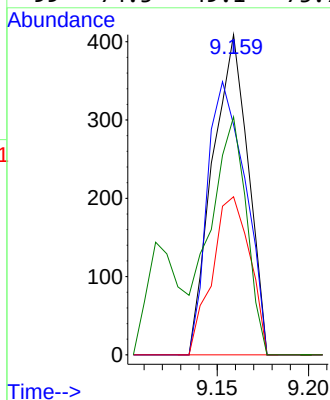
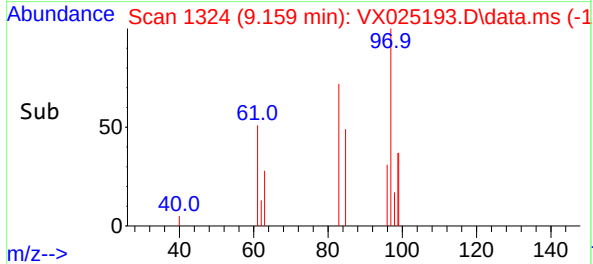
Tgt Ion: 97 Resp: 551
Ion Ratio Lower Upper
97 100
83 71.9 69.2 103.8
85 49.4 43.3 64.9
99 74.3 49.1 73.7#

Manual Integrations
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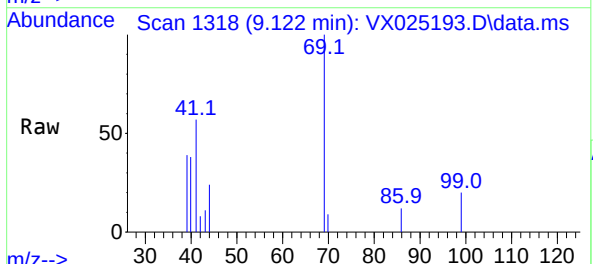
Reviewed By :John
Carlone

11/18/2021
Supervised By :Mahesh
Dadoda

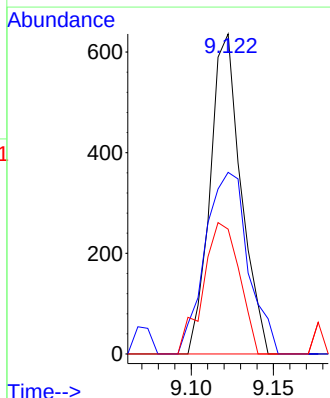
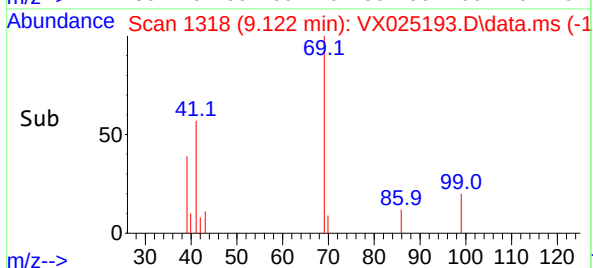
11/18/2021

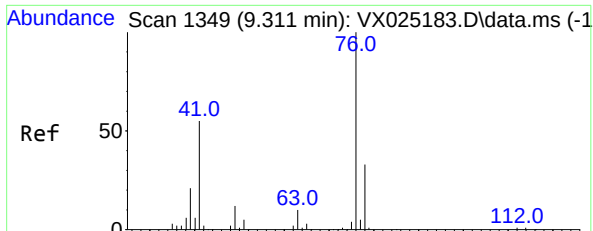


#56
Ethyl methacrylate
Concen: 0.401 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47



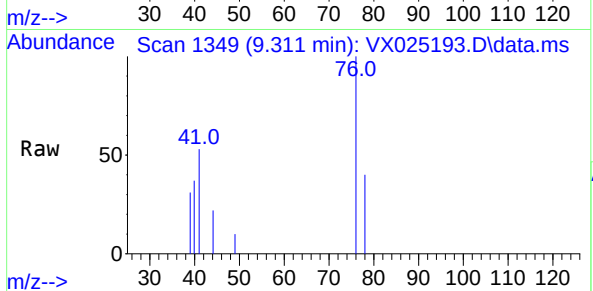
Tgt Ion: 69 Resp: 831
Ion Ratio Lower Upper
69 100
41 79.2 55.3 82.9
39 48.3 30.2 45.4#





#57
1,3-Dichloropropane
Concen: 0.434 ug/l
RT: 9.311 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



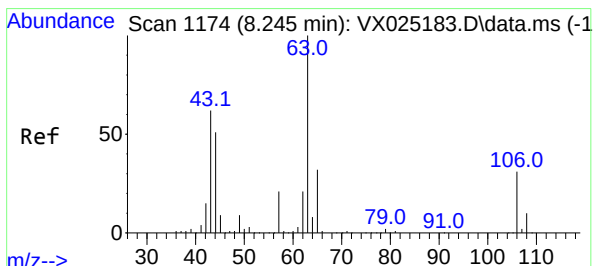
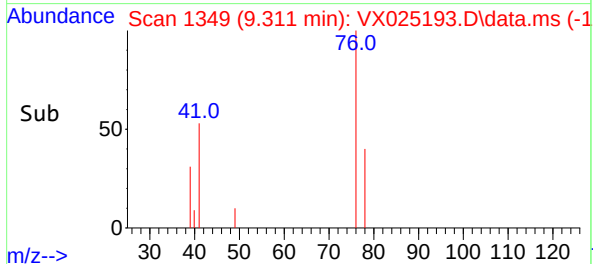
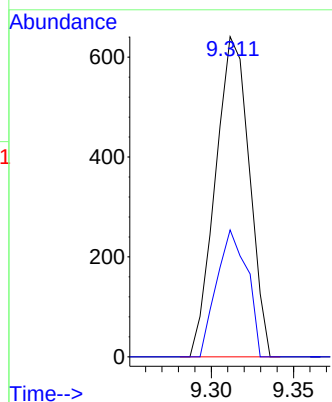
Tgt Ion: 76 Resp: 918
Ion Ratio Lower Upper
76 100
78 35.6 25.8 38.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

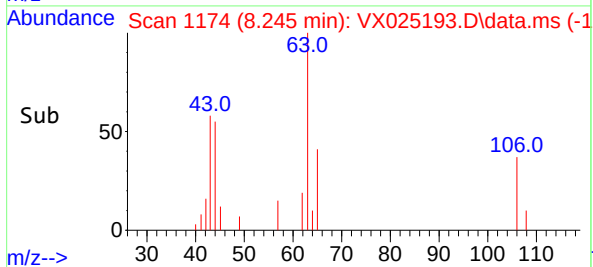
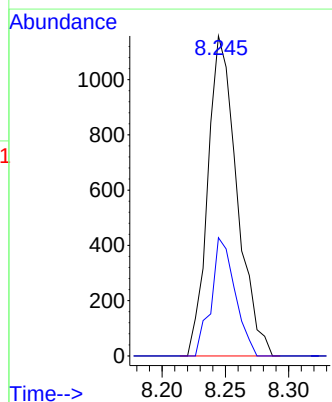
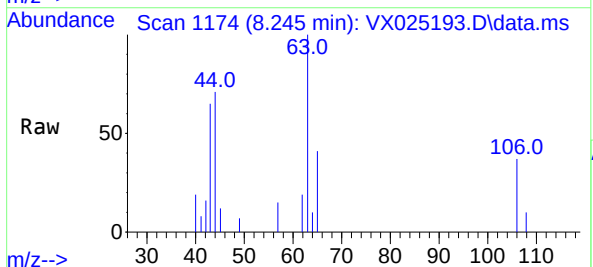
11/18/2021
Supervised By :Mahesh
Dadoda

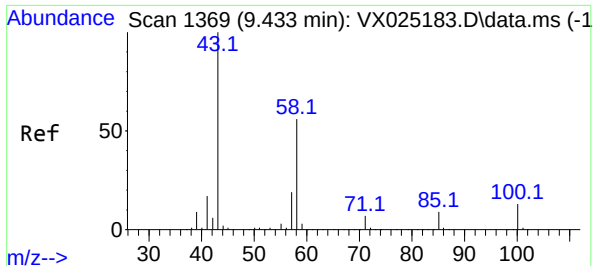
11/18/2021



#58
2-Chloroethyl Vinyl ether
Concen: 1.925 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Tgt Ion: 63 Resp: 1854
Ion Ratio Lower Upper
63 100
106 30.2 22.8 34.2





#59

2-Hexanone

Concen: 2.138 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX025193.D

Acq: 17 Nov 2021 17:47

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 43 Resp: 3249
 Ion Ratio Lower Upper
 43 100
 58 55.2 26.6 79.7

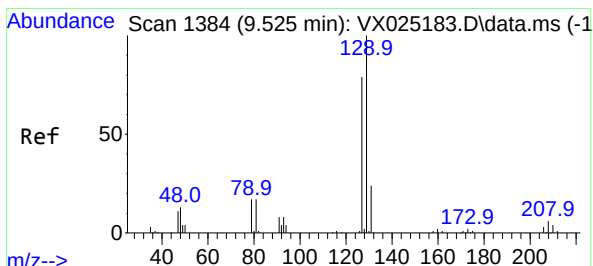
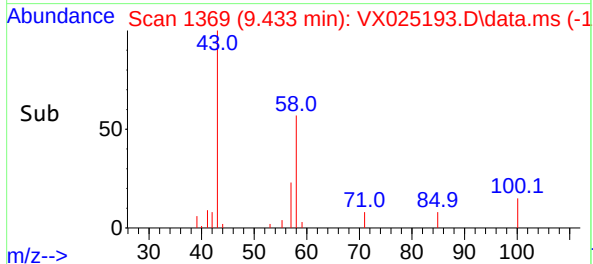
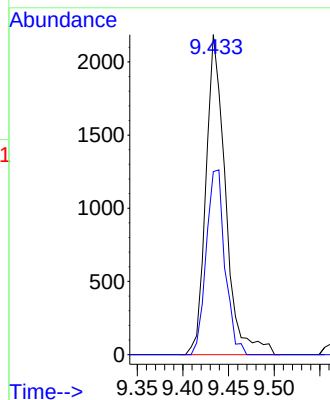
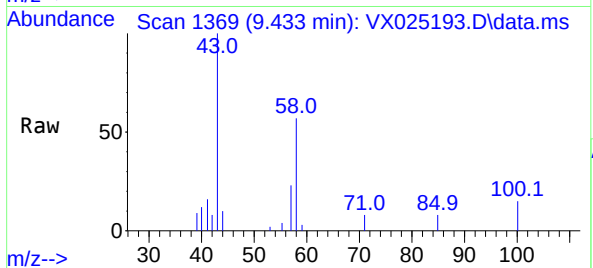
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

11/18/2021

Supervised By :Mahesh
 Dadoda

11/18/2021



#60

Dibromochloromethane

Concen: 0.393 ug/l

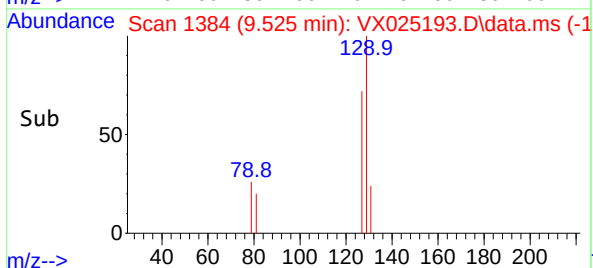
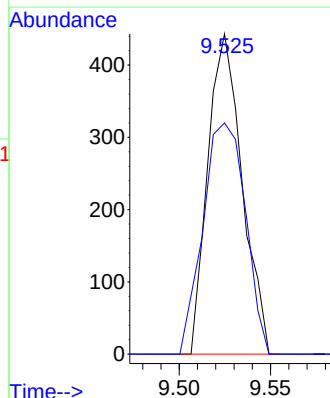
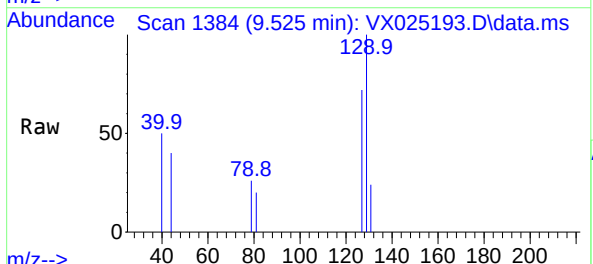
RT: 9.525 min Scan# 1384

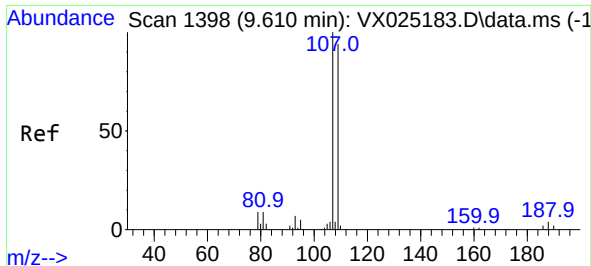
Delta R.T. -0.000 min

Lab File: VX025193.D

Acq: 17 Nov 2021 17:47

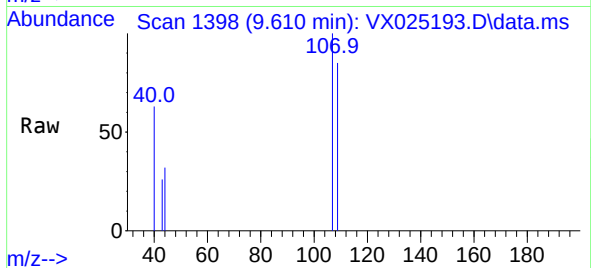
Tgt Ion:129 Resp: 577
 Ion Ratio Lower Upper
 129 100
 127 89.6 38.5 115.5





#61
1,2-Dibromoethane
Concen: 0.445 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



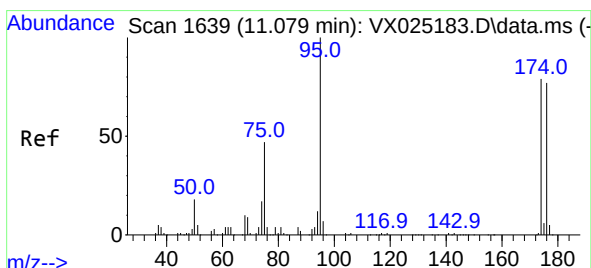
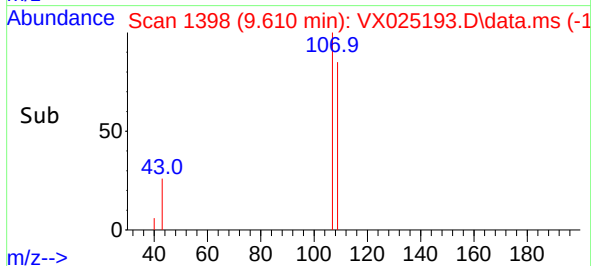
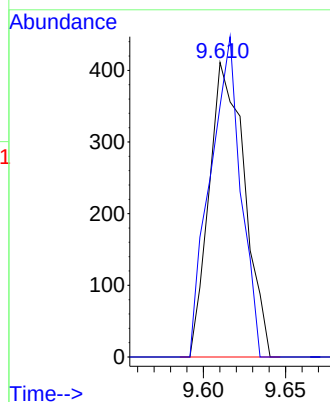
Tgt Ion:107 Resp: 61
Ion Ratio Lower Upper
107 100
109 94.0 74.4 111.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

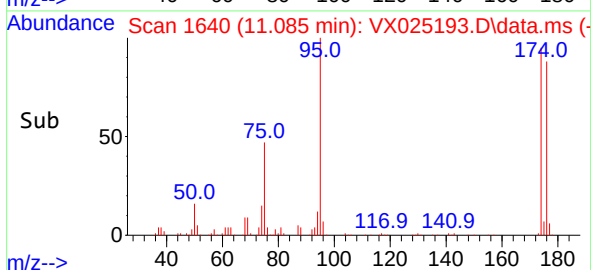
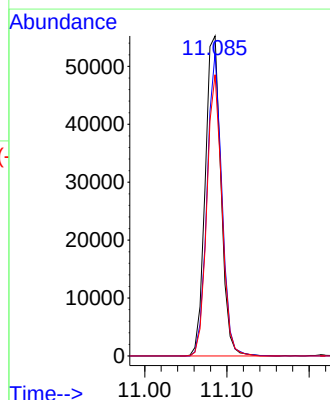
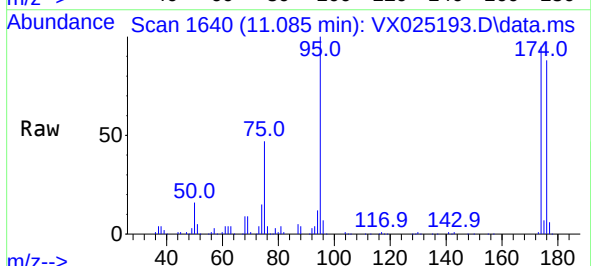
11/18/2021
Supervised By :Mahesh
Dadoda

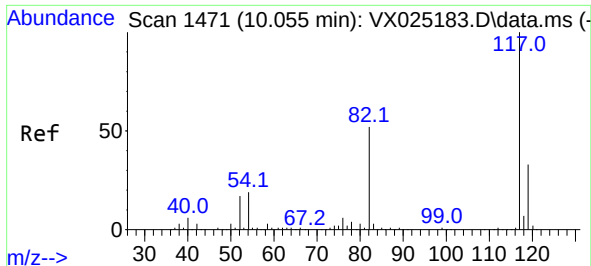
11/18/2021



#62
4-Bromofluorobenzene
Concen: 45.151 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

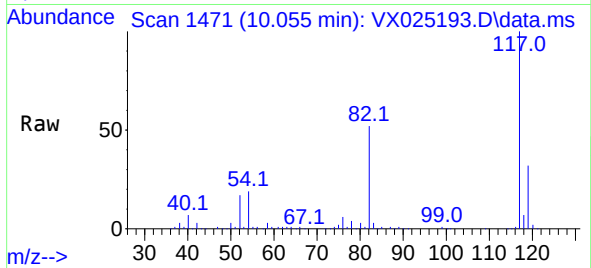
Tgt Ion: 95 Resp: 73311
Ion Ratio Lower Upper
95 100
174 89.3 0.0 158.0
176 84.0 0.0 153.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



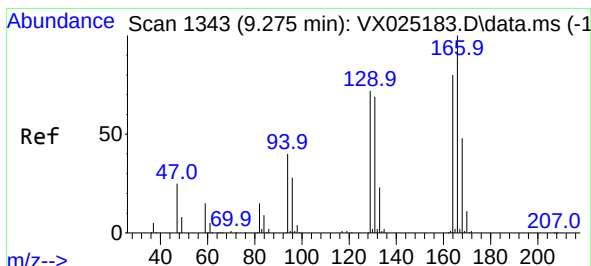
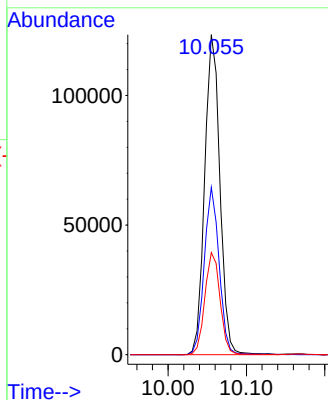
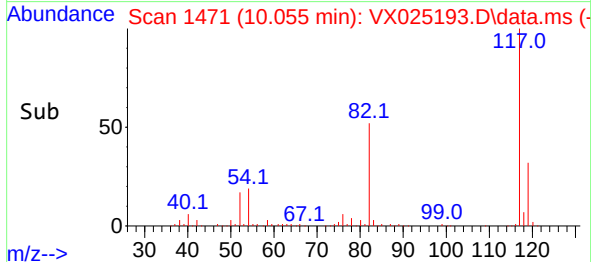
Tgt Ion:117 Resp: 16652
Ion Ratio Lower Upper
117 100
82 52.3 44.6 67.0
119 31.9 24.8 37.2

Manual Integrations
APPROVED

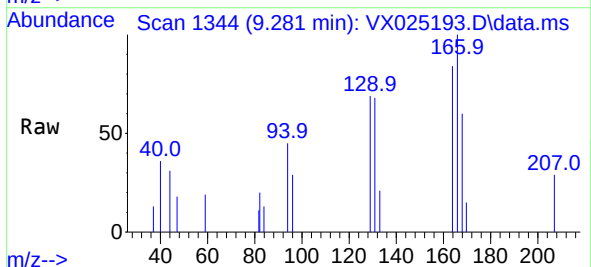
Reviewed By :John
Carlone

11/18/2021
Supervised By :Mahesh
Dadoda

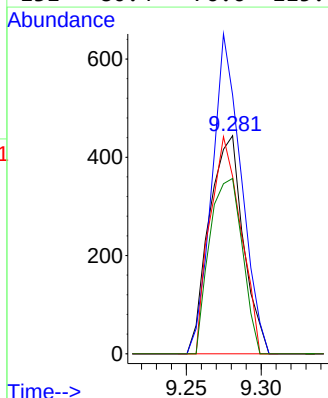
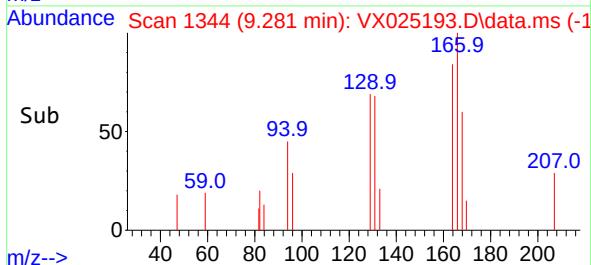
11/18/2021

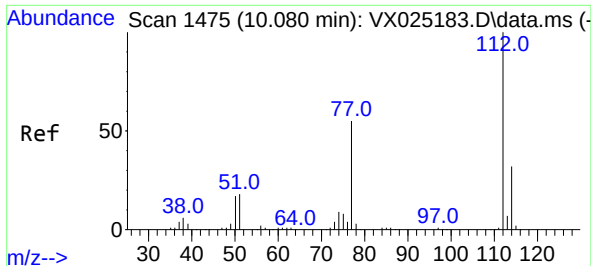


#64
Tetrachloroethene
Concen: 0.513 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47



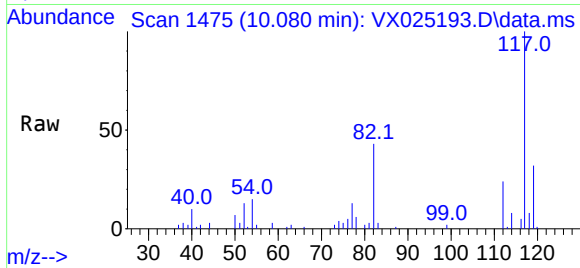
Tgt Ion:164 Resp: 704
Ion Ratio Lower Upper
164 100
166 118.7 103.2 154.8
129 81.3 81.0 121.4
131 80.4 76.6 115.0





#65
Chlorobenzene
Concen: 0.502 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



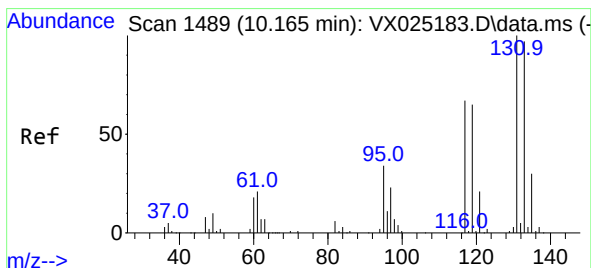
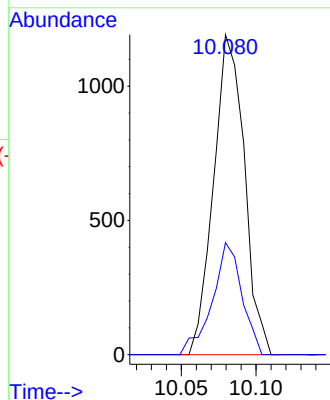
Tgt Ion:112 Resp: 170
Ion Ratio Lower Upper
112 100
114 35.0 25.8 38.6

Manual Integrations
APPROVED

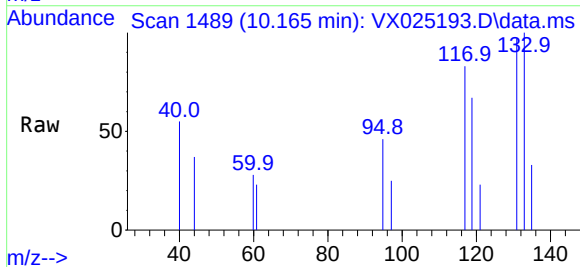
Reviewed By :John
Carlone

11/18/2021
Supervised By :Mahesh
Dadoda

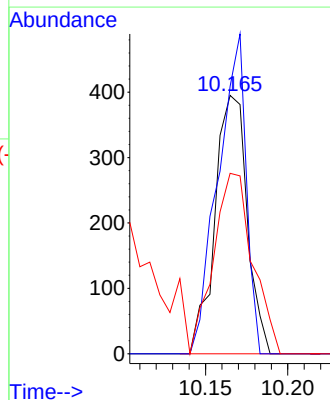
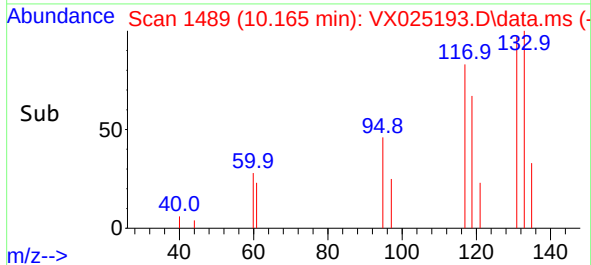
11/18/2021

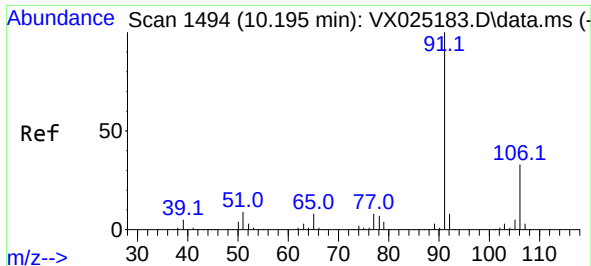


#66
1,1,1,2-Tetrachloroethane
Concen: 0.414 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47



Tgt Ion:131 Resp: 539
Ion Ratio Lower Upper
131 100
133 107.4 48.1 144.4
119 0.0 32.0 96.0#





#67

Ethyl Benzene

Concen: 0.475 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX025193.D

Acq: 17 Nov 2021 17:47

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

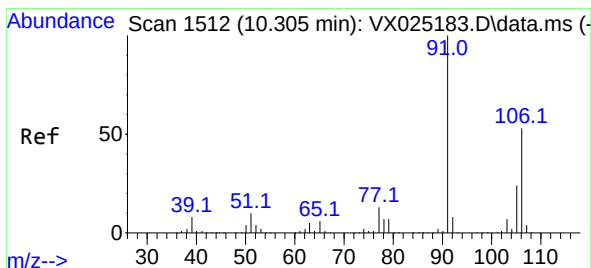
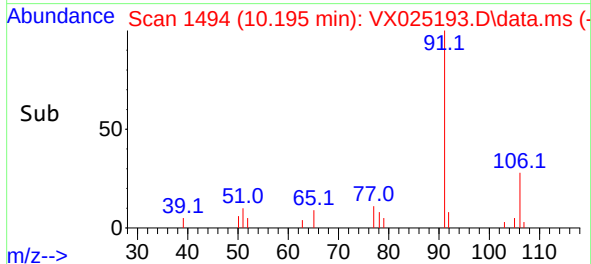
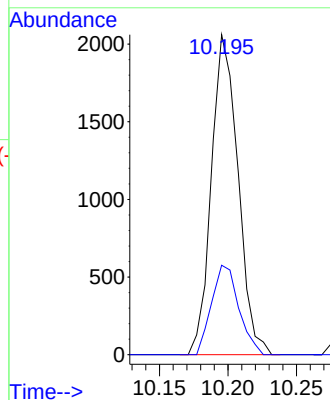
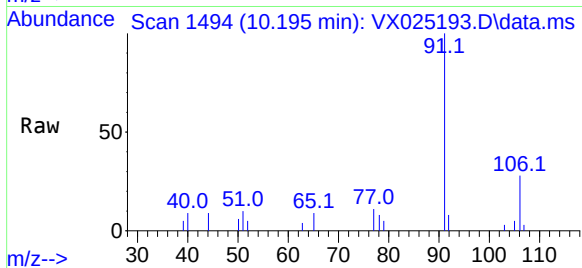
Tgt Ion: 91 Resp: 278
 Ion Ratio Lower Upper
 91 100
 106 27.9 24.7 37.1

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

11/18/2021
 Supervised By :Mahesh
 Dadoda

11/18/2021



#68

m/p-Xylenes

Concen: 0.824 ug/l

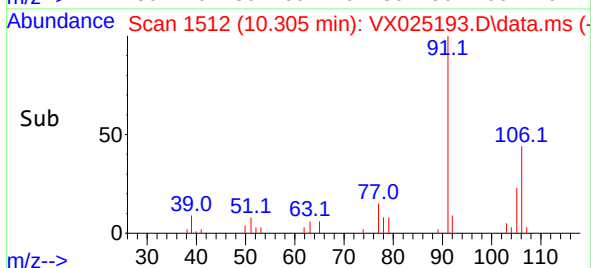
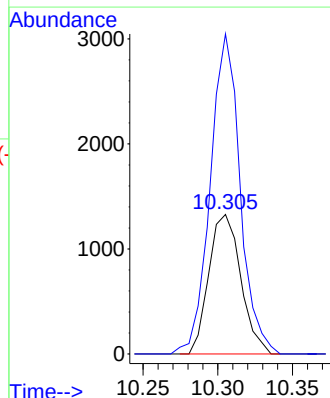
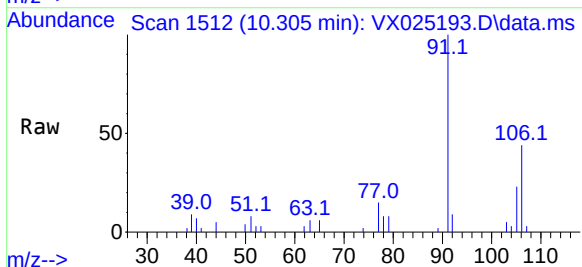
RT: 10.305 min Scan# 1512

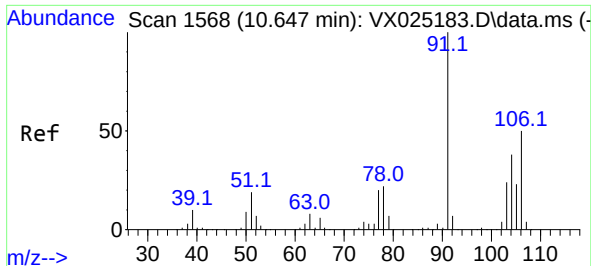
Delta R.T. 0.000 min

Lab File: VX025193.D

Acq: 17 Nov 2021 17:47

Tgt Ion:106 Resp: 1974
 Ion Ratio Lower Upper
 106 100
 91 214.5 163.4 245.0





#69
o-Xylene
Concen: 0.462 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2021

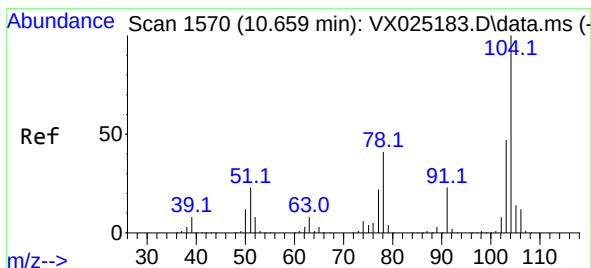
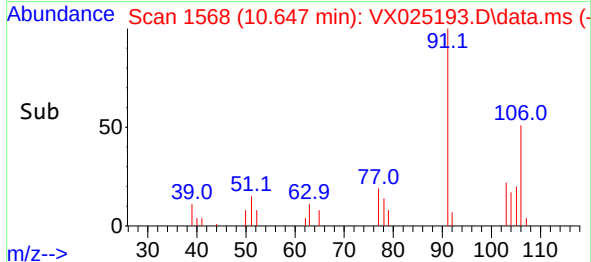
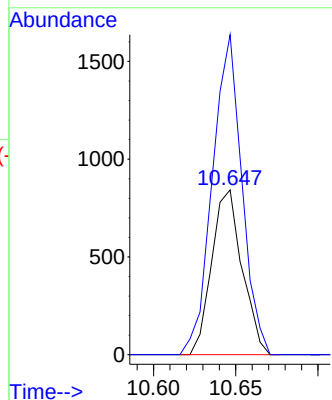
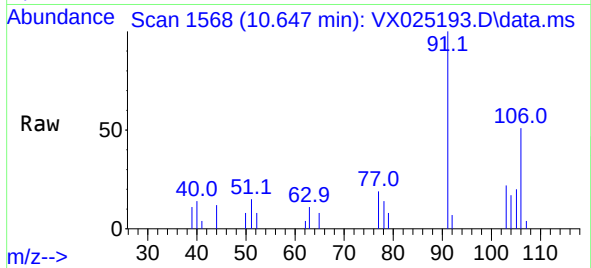
Tgt Ion:106 Resp: 1084
Ion Ratio Lower Upper
106 100
91 188.7 109.5 328.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

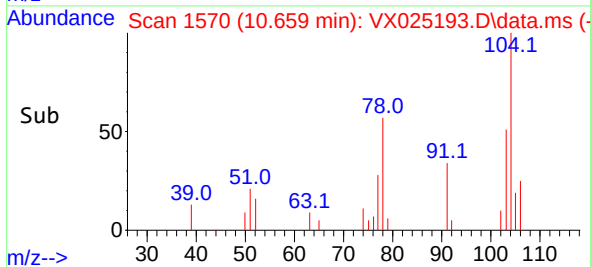
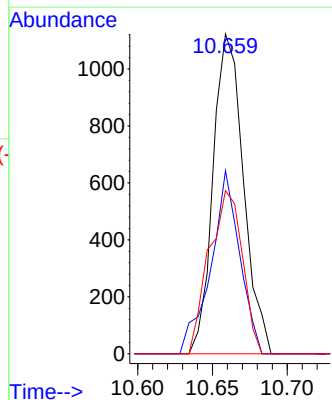
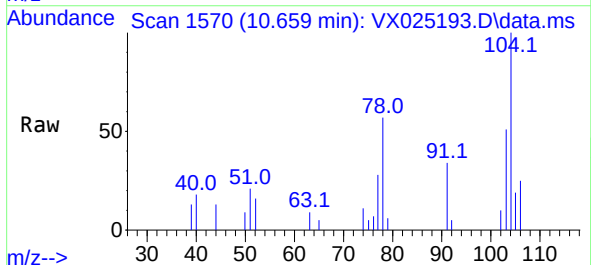
11/18/2021
Supervised By :Mahesh
Dadoda

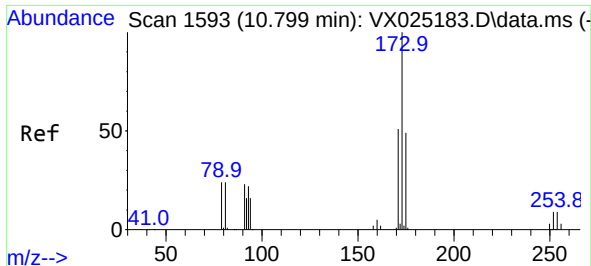
11/18/2021



#70
Styrene
Concen: 0.409 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

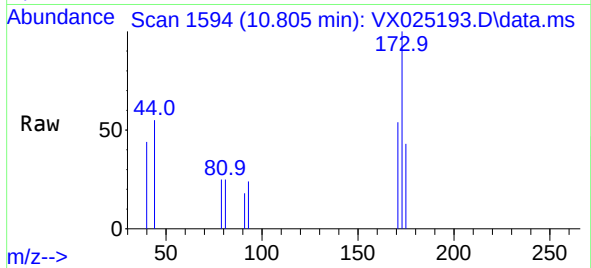
Tgt Ion:104 Resp: 1584
Ion Ratio Lower Upper
104 100
78 54.4 41.3 61.9
103 55.9 43.5 65.3





#71
Bromoform
Concen: 0.442 ug/l
RT: 10.805 min Scan# 1593
Delta R.T. 0.006 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



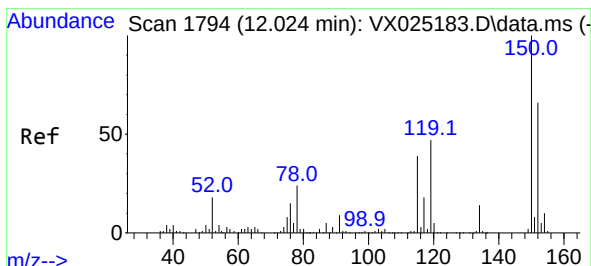
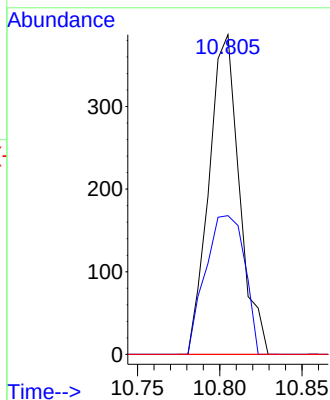
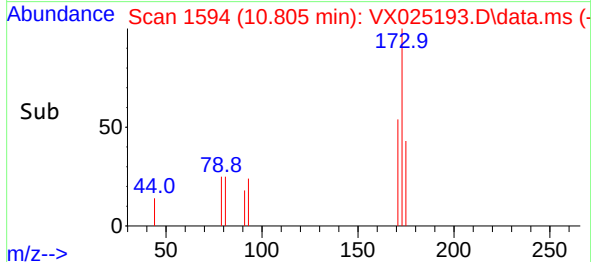
Tgt Ion:173 Resp: 499
Ion Ratio Lower Upper
173 100
175 55.7 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

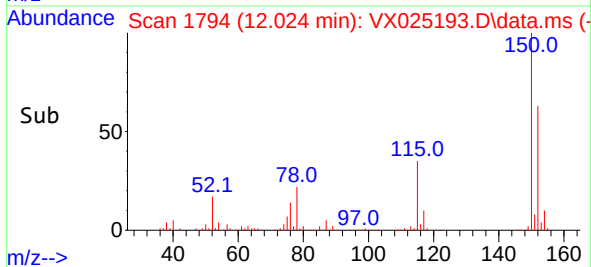
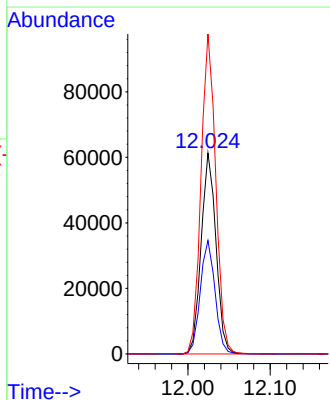
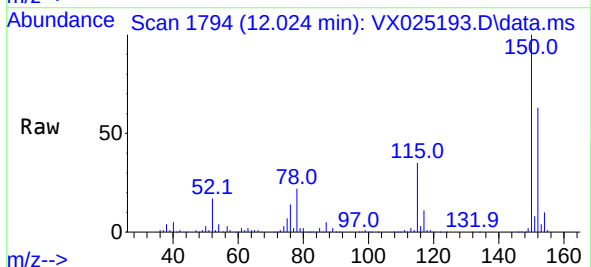
11/18/2021
Supervised By :Mahesh
Dadoda

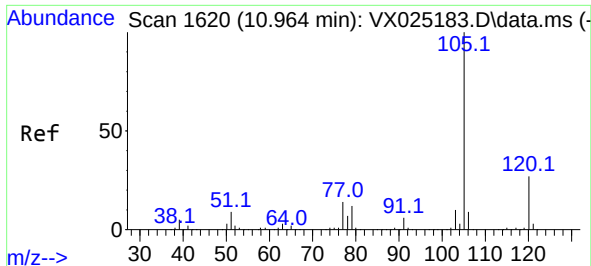
11/18/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

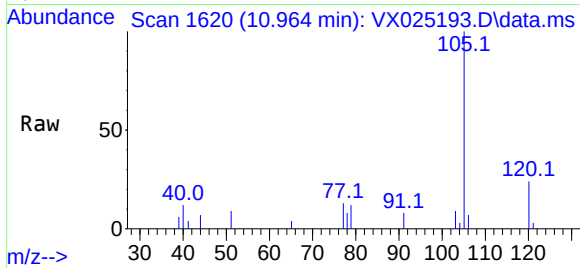
Tgt Ion:152 Resp: 76879
Ion Ratio Lower Upper
152 100
115 56.2 43.3 129.8
150 158.0 0.0 351.2





#73
Isopropylbenzene
Concen: 0.491 ug/l
RT: 10.964 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



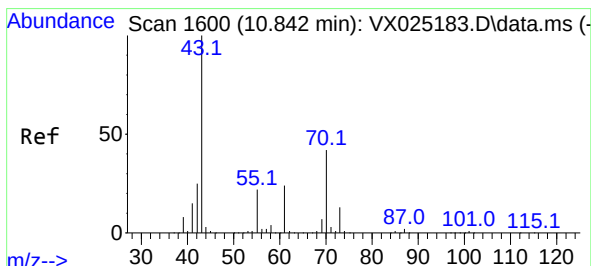
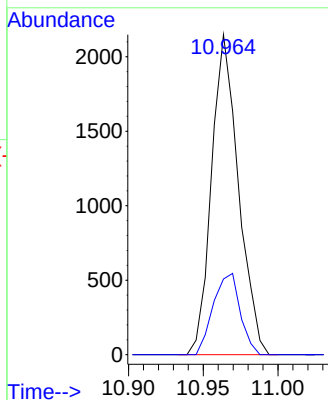
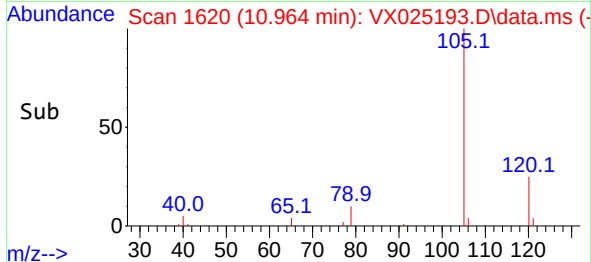
Tgt Ion:105 Resp: 269
Ion Ratio Lower Upper
105 100
120 25.4 13.3 39.8

Manual Integrations
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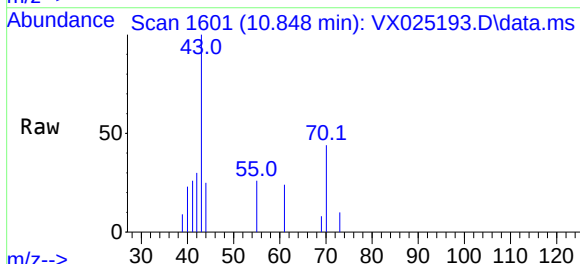
Reviewed By :John
Carlone

11/18/2021
Supervised By :Mahesh
Dadoda

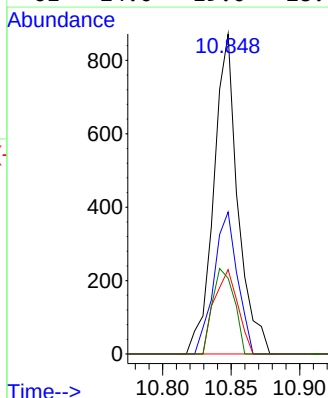
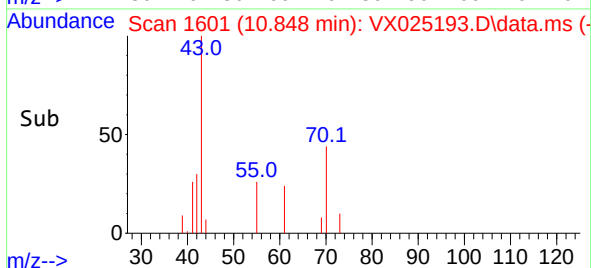
11/18/2021

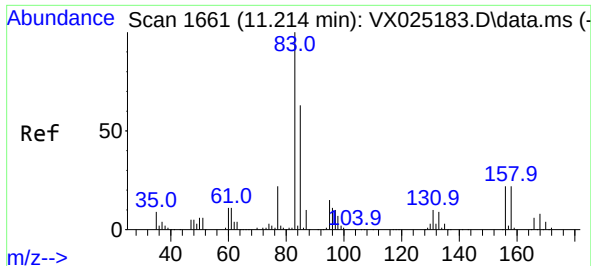


#74
N-ethyl acetate
Concen: 0.451 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47



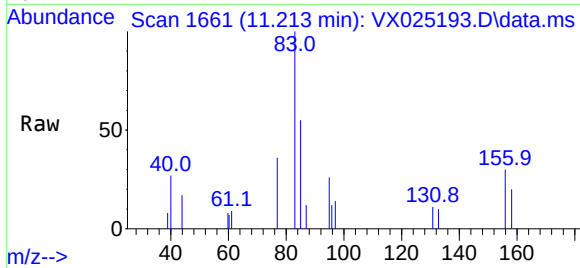
Tgt Ion: 43 Resp: 1068
Ion Ratio Lower Upper
43 100
70 43.3 33.7 50.5
55 25.7 19.7 29.5
61 24.0 19.0 28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 0.513 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.001 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



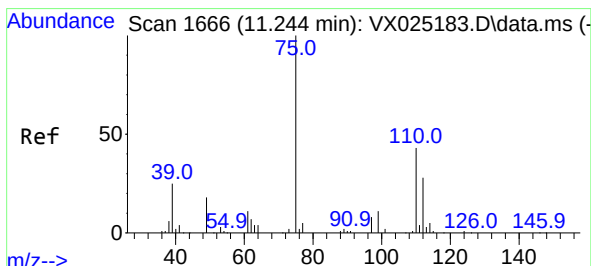
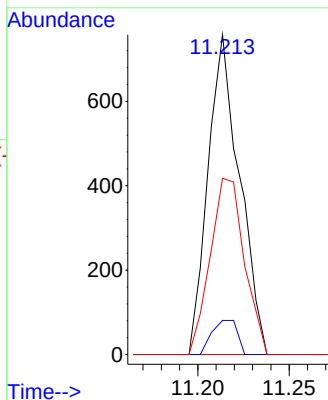
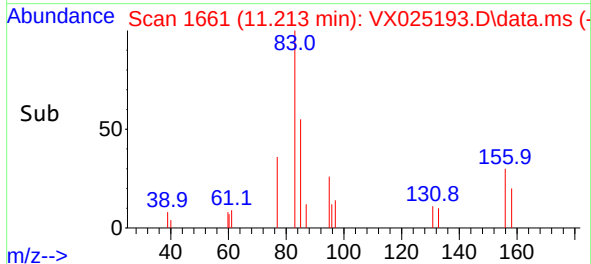
Tgt Ion: 83 Resp: 910
Ion Ratio Lower Upper
83 100
131 8.6 5.3 16.1
85 59.7 32.3 96.9

Manual Integrations
APPROVED

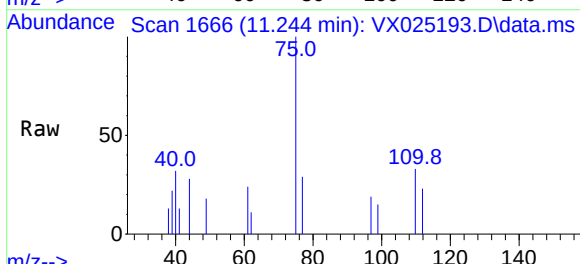
Reviewed By :John
Carlone

11/18/2021
Supervised By :Mahesh
Dadoda

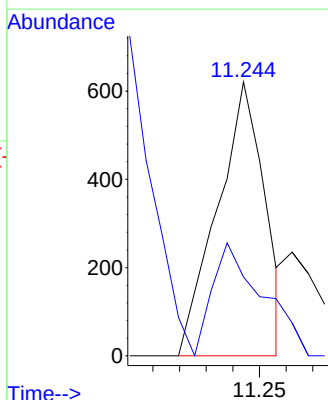
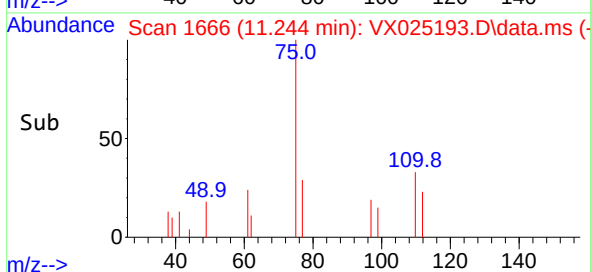
11/18/2021

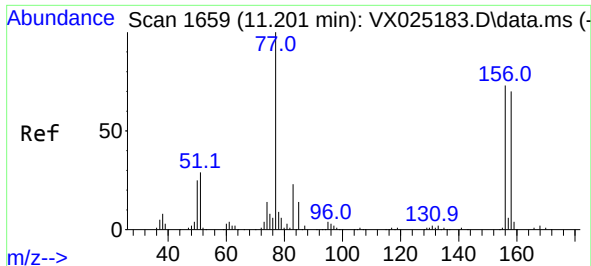


#76
1,2,3-Trichloropropane
Concen: 0.488 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47



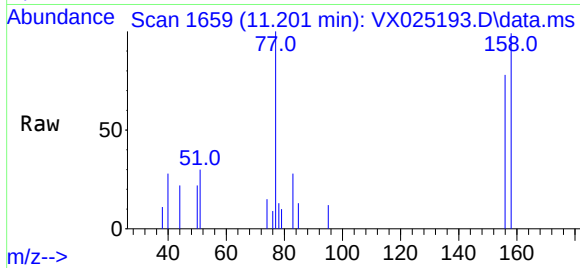
Tgt Ion: 75 Resp: 769
Ion Ratio Lower Upper
75 100
77 45.6 20.0 59.9





#77
Bromobenzene
Concen: 0.451 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



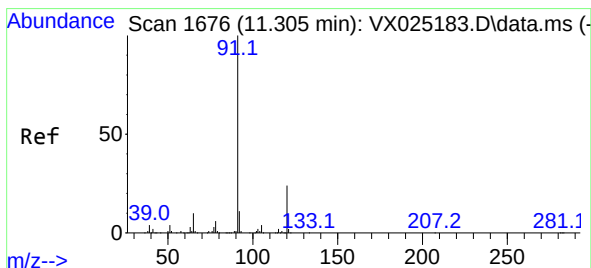
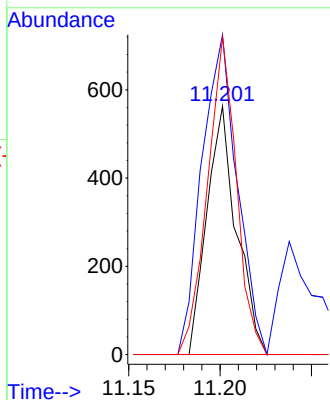
Tgt Ion:156 Resp: 630
Ion Ratio Lower Upper
156 100
77 153.0 78.3 234.8
158 125.0 48.9 146.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

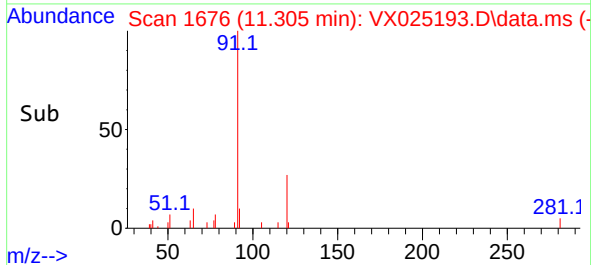
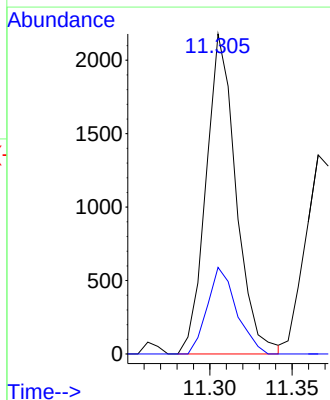
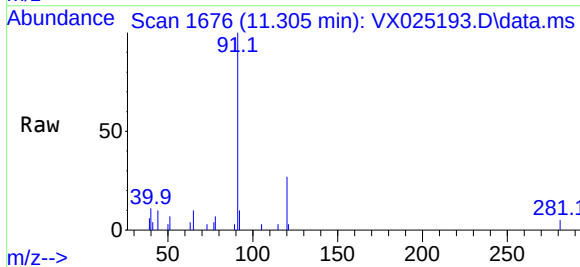
11/18/2021
Supervised By :Mahesh
Dadoda

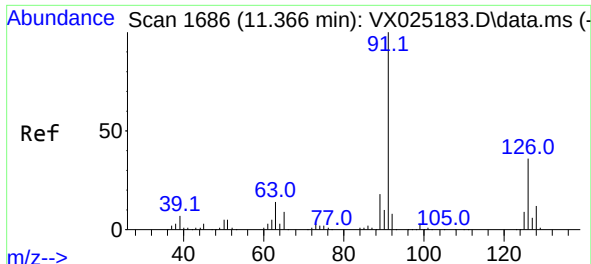
11/18/2021



#78
n-propylbenzene
Concen: 0.450 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Tgt Ion: 91 Resp: 2766
Ion Ratio Lower Upper
91 100
120 26.2 11.7 35.0





#79

2-Chlorotoluene

Concen: 0.511 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX025193.D

Acq: 17 Nov 2021 17:47

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 91 Resp: 191
 Ion Ratio Lower Upper
 91 100
 126 31.4 17.0 50.9

Manual Integrations

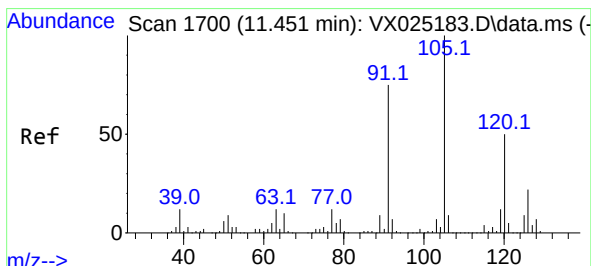
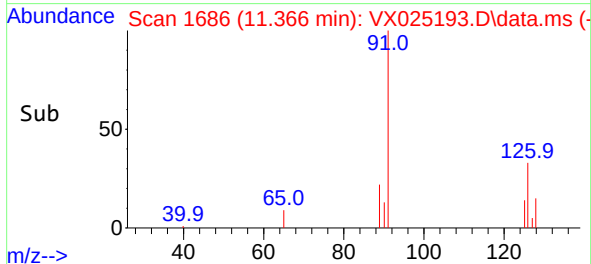
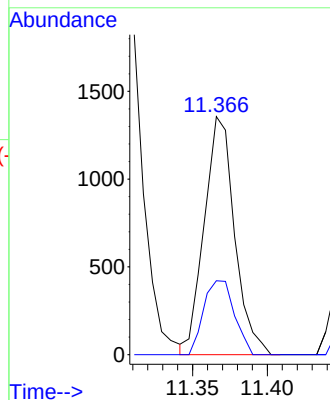
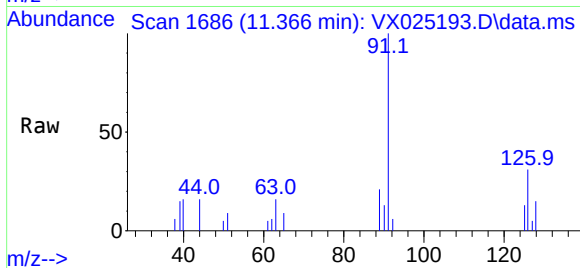
APPROVED

Reviewed By :John
 Carlone

11/18/2021

Supervised By :Mahesh
 Dadoda

11/18/2021



#80

1,3,5-Trimethylbenzene

Concen: 0.479 ug/l

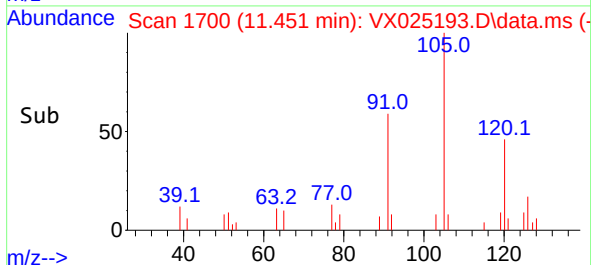
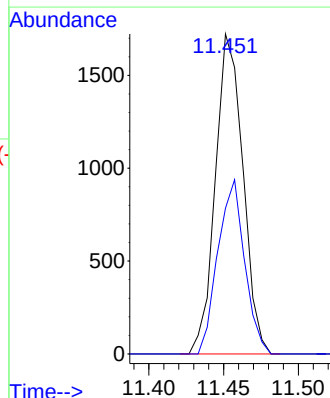
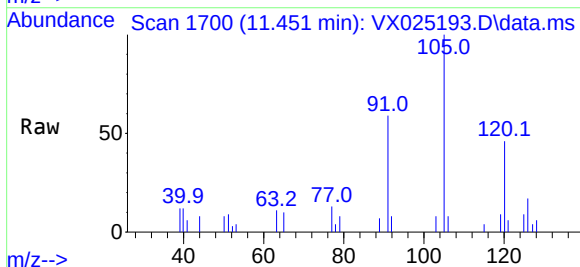
RT: 11.451 min Scan# 1700

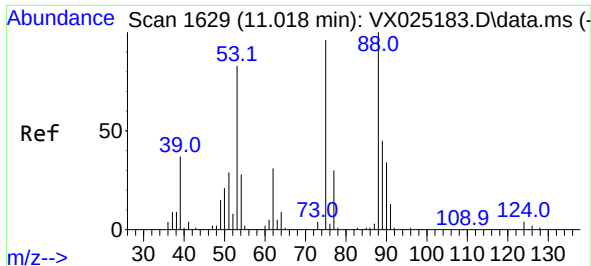
Delta R.T. 0.000 min

Lab File: VX025193.D

Acq: 17 Nov 2021 17:47

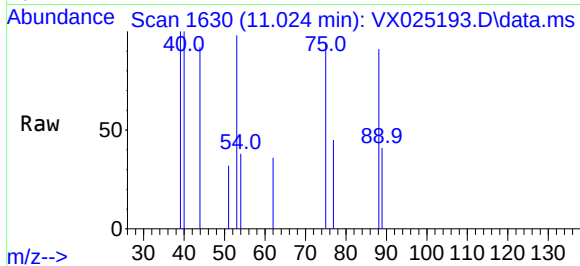
Tgt Ion:105 Resp: 2208
 Ion Ratio Lower Upper
 105 100
 120 52.7 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 0.318 ug/l m
RT: 11.024 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



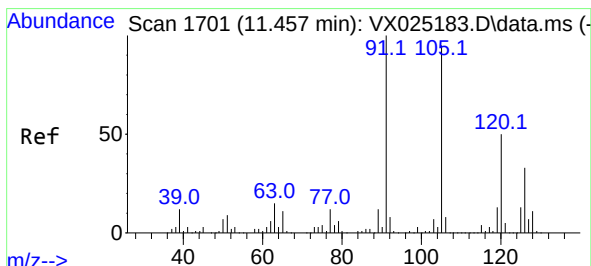
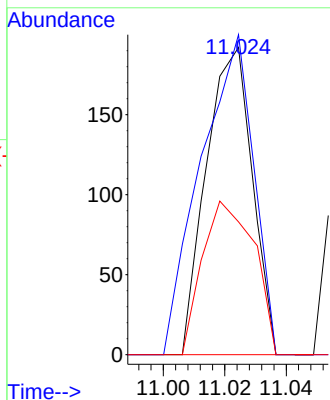
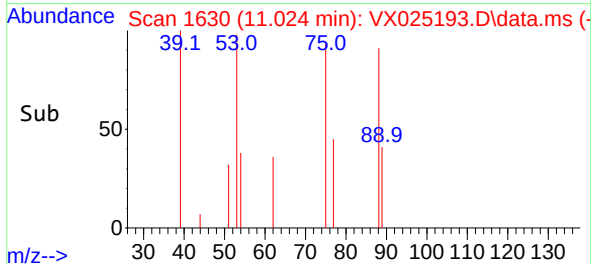
Tgt Ion: 75 Resp: 199
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9
89 14.1 38.2 57.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

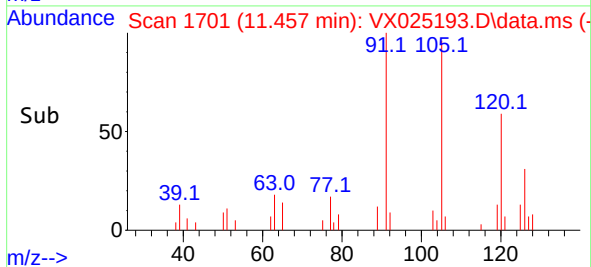
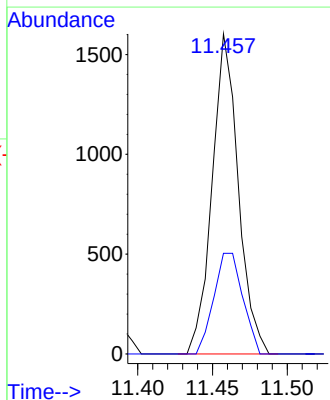
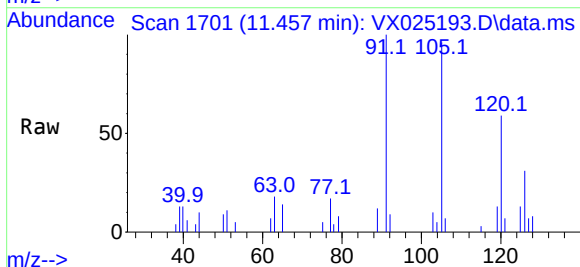
11/18/2021
Supervised By :Mahesh
Dadoda

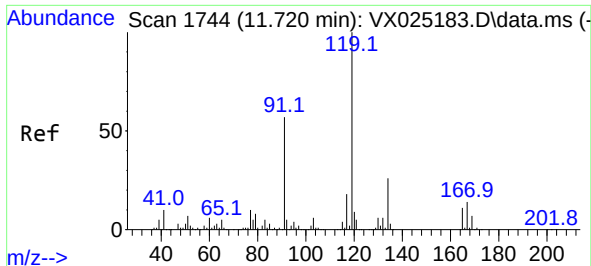
11/18/2021



#82
4-Chlorotoluene
Concen: 0.456 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

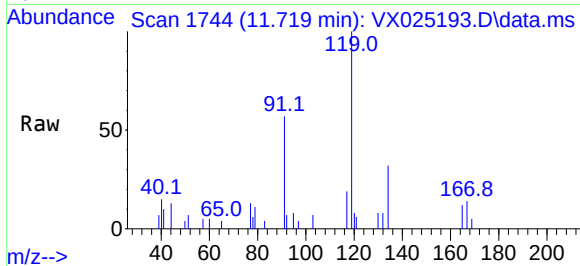
Tgt Ion: 91 Resp: 1948
Ion Ratio Lower Upper
91 100
126 34.8 14.9 44.5





#83
tert-Butylbenzene
Concen: 0.474 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. -0.001 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



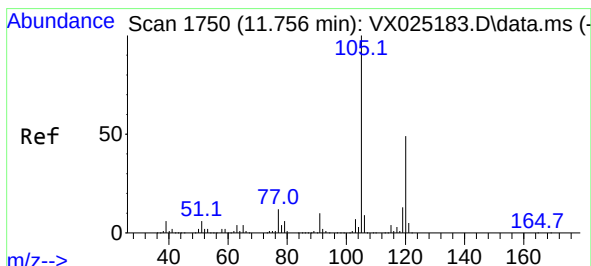
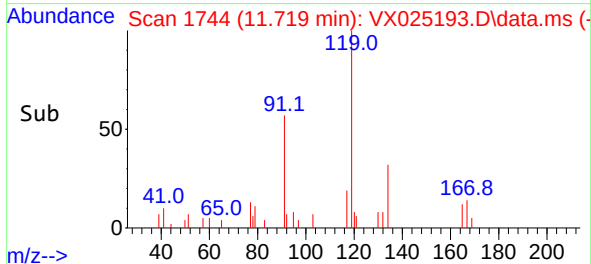
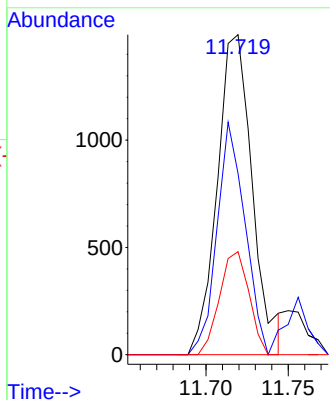
Tgt Ion:119 Resp: 2219
Ion Ratio Lower Upper
119 100
91 57.9 30.3 90.9
134 27.0 11.4 34.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

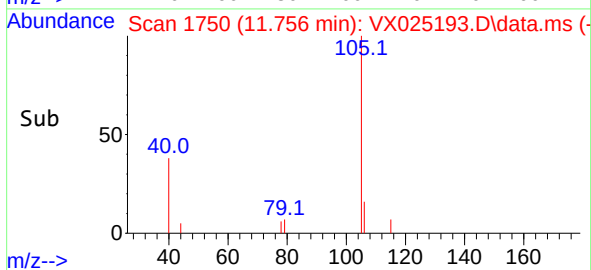
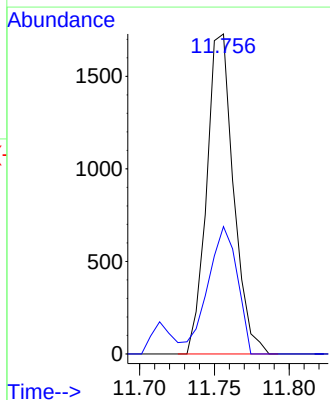
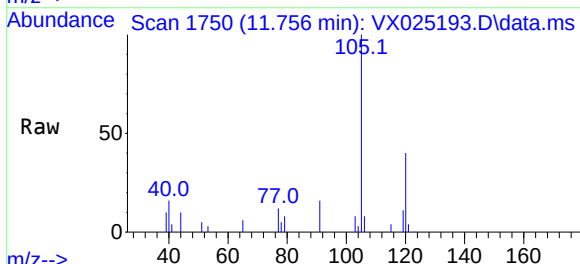
11/18/2021
Supervised By :Mahesh
Dadoda

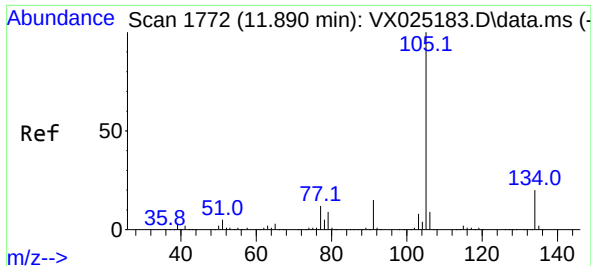
11/18/2021



#84
1,2,4-Trimethylbenzene
Concen: 0.475 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Tgt Ion:105 Resp: 2163
Ion Ratio Lower Upper
105 100
120 43.9 22.1 66.3





#85
 sec-Butylbenzene
 Concen: 0.462 ug/l
 RT: 11.896 min Scan# 1773
 Delta R.T. 0.006 min
 Lab File: VX025193.D
 Acq: 17 Nov 2021 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021

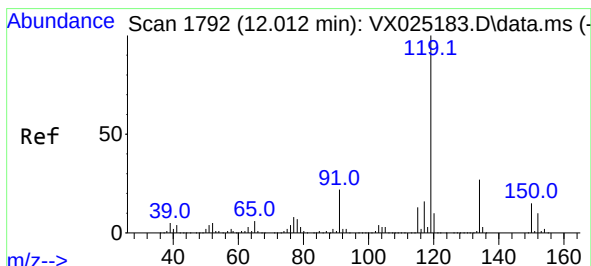
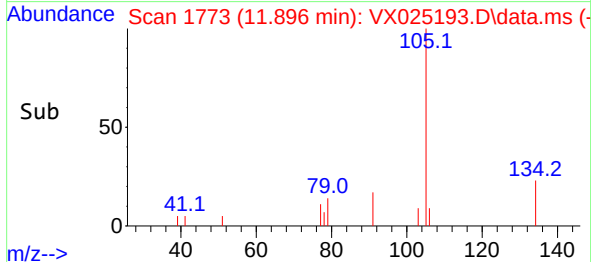
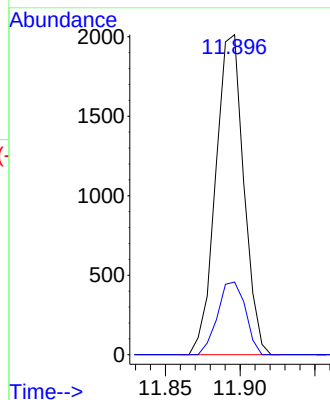
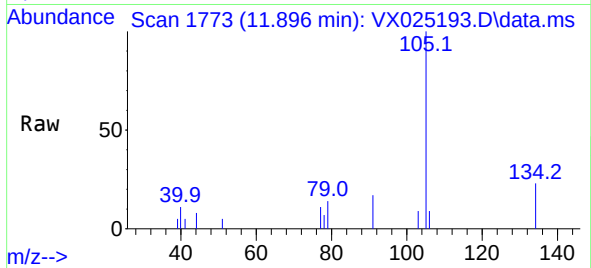
Tgt Ion:105 Resp: 2630
 Ion Ratio Lower Upper
 105 100
 134 22.5 10.2 30.4

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

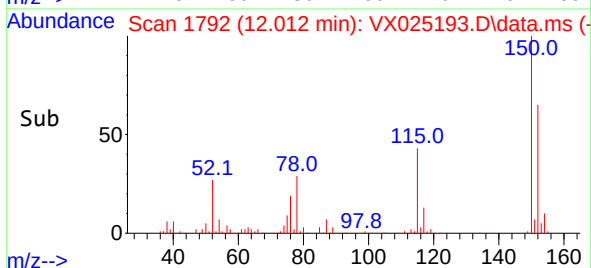
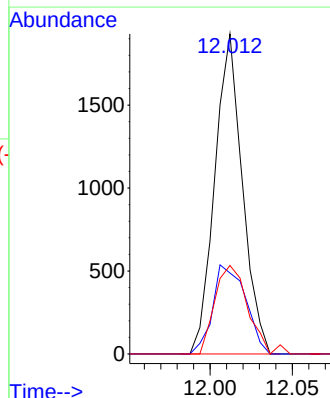
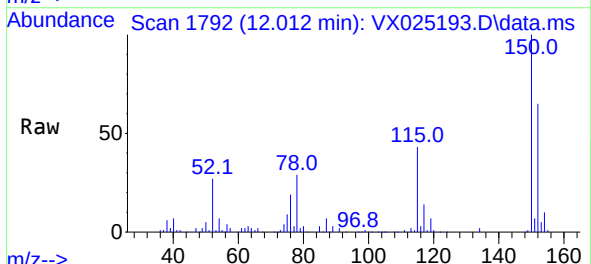
11/18/2021
 Supervised By :Mahesh
 Dadoda

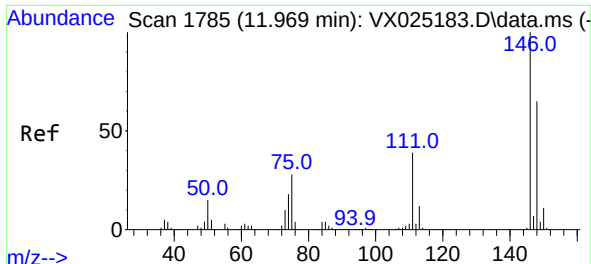
11/18/2021



#86
 p-Isopropyltoluene
 Concen: 0.460 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX025193.D
 Acq: 17 Nov 2021 17:47

Tgt Ion:119 Resp: 2250
 Ion Ratio Lower Upper
 119 100
 134 33.0 13.2 39.5
 91 33.2 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 0.483 ug/l

RT: 11.976 min Scan# 1785

Delta R.T. 0.007 min

Lab File: VX025193.D

Acq: 17 Nov 2021 17:47

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion:146	Resp:	1260
Ion Ratio	Lower	Upper
146	100	
111	41.8	20.6 61.9
148	63.3	32.0 96.2

Manual Integrations

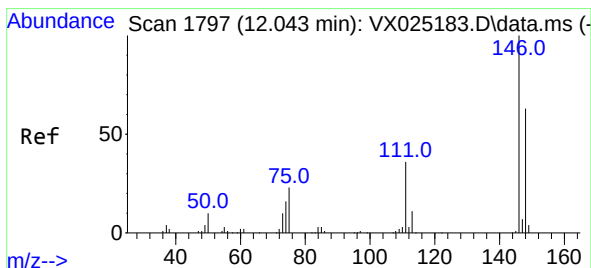
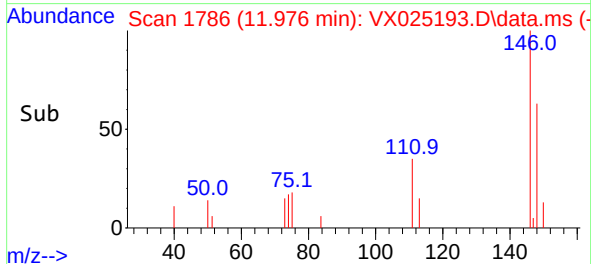
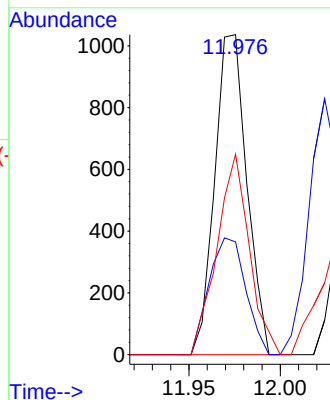
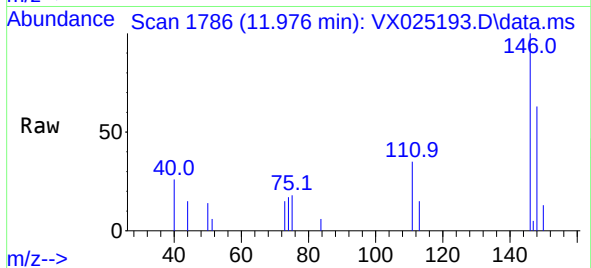
APPROVED

Reviewed By :John
Carlone

11/18/2021

Supervised By :Mahesh
Dadoda

11/18/2021



#88

1,4-Dichlorobenzene

Concen: 0.549 ug/l m

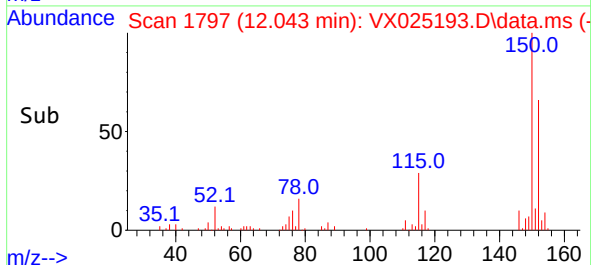
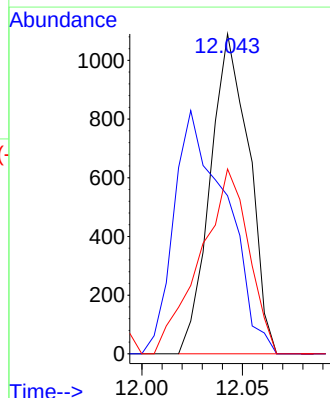
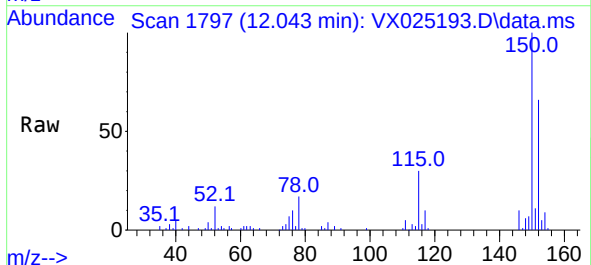
RT: 12.043 min Scan# 1797

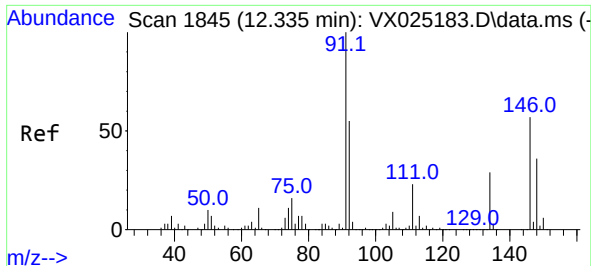
Delta R.T. -0.000 min

Lab File: VX025193.D

Acq: 17 Nov 2021 17:47

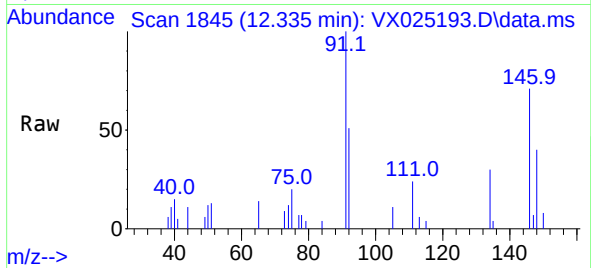
Tgt Ion:146	Resp:	1459
Ion Ratio	Lower	Upper
146	100	
111	36.3	20.4 61.3
148	54.9	32.4 97.0





#89
n-Butylbenzene
Concen: 0.430 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



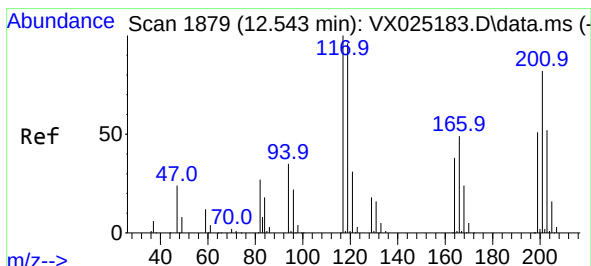
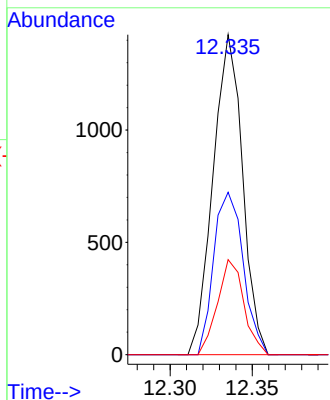
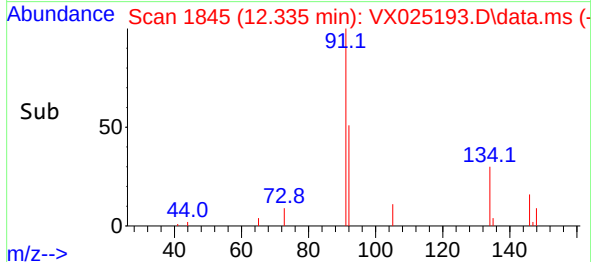
Tgt Ion: 91 Resp: 1774
Ion Ratio Lower Upper
91 100
92 50.8 26.3 78.8
134 26.6 13.0 38.9

Manual Integrations
APPROVED

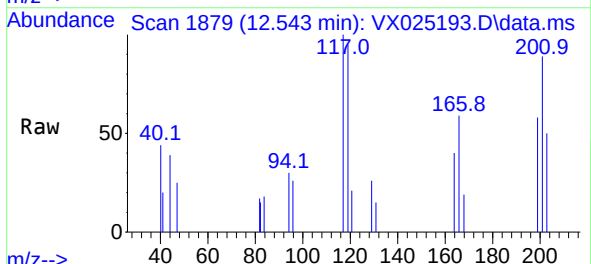
Reviewed By :John
Carlone

11/18/2021
Supervised By :Mahesh
Dadoda

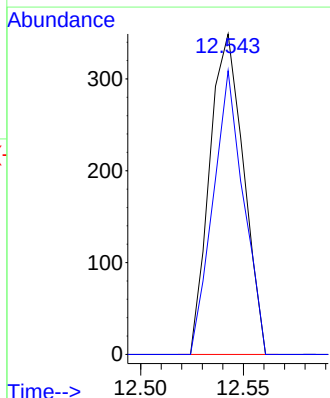
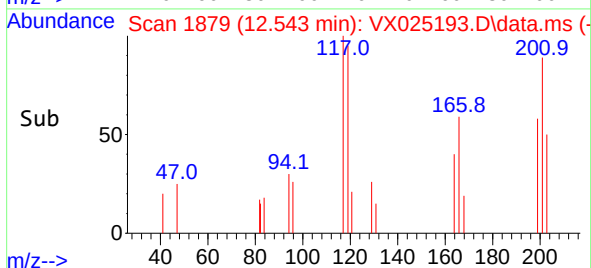
11/18/2021

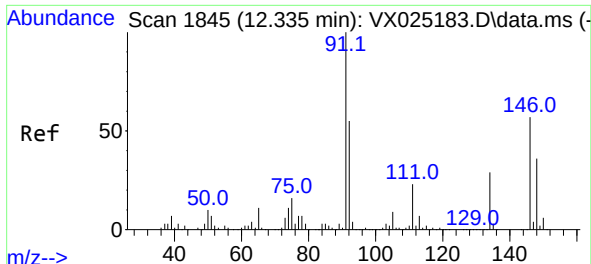


#90
Hexachloroethane
Concen: 0.444 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47



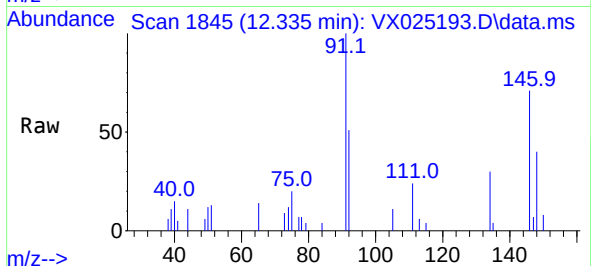
Tgt Ion:117 Resp: 400
Ion Ratio Lower Upper
117 100
201 79.8 38.9 116.6





#91
1,2-Dichlorobenzene
Concen: 0.489 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



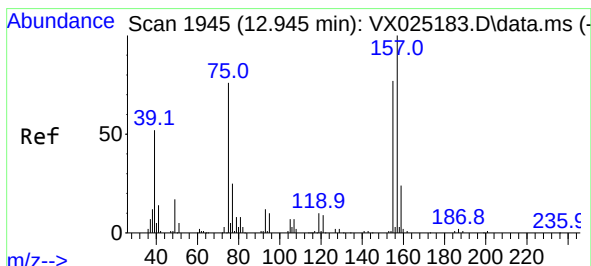
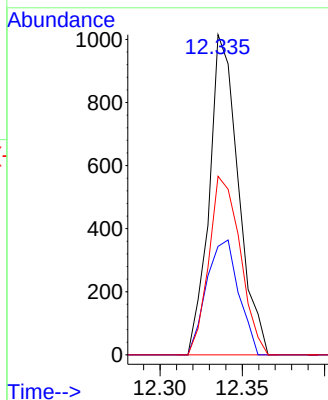
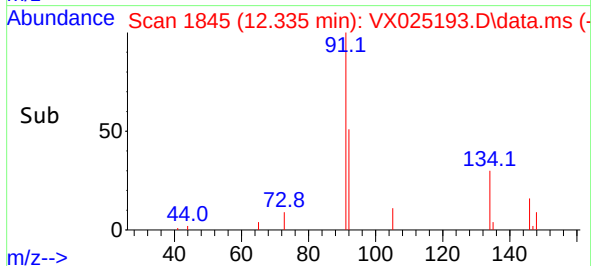
Tgt Ion:146 Resp: 1249
Ion Ratio Lower Upper
146 100
111 39.7 21.2 63.6
148 60.1 32.1 96.5

Manual Integrations
APPROVED

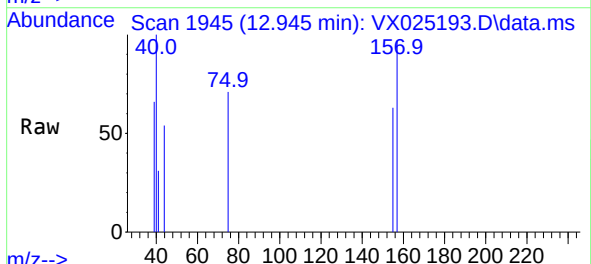
Reviewed By :John
Carlone

11/18/2021
Supervised By :Mahesh
Dadoda

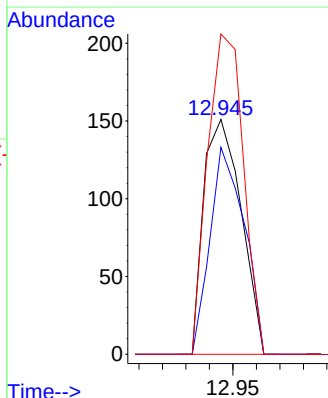
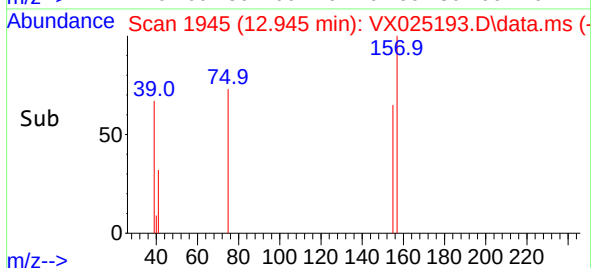
11/18/2021

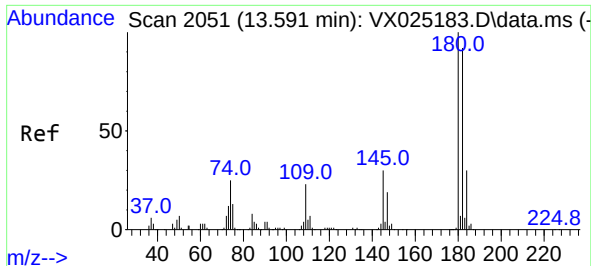


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.451 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47



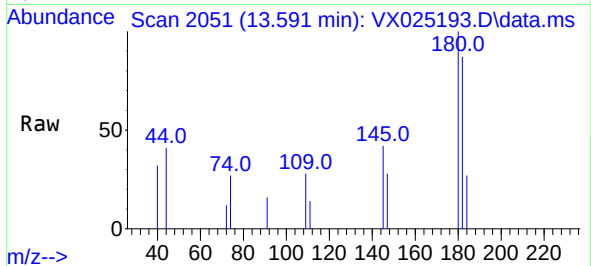
Tgt Ion: 75 Resp: 167
Ion Ratio Lower Upper
75 100
155 80.2 43.1 129.3
157 131.1 53.6 160.9





#93
1,2,4-Trichlorobenzene
Concen: 0.360 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



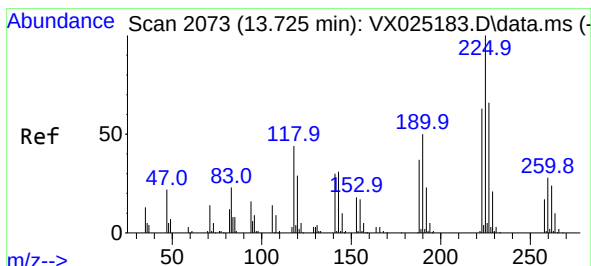
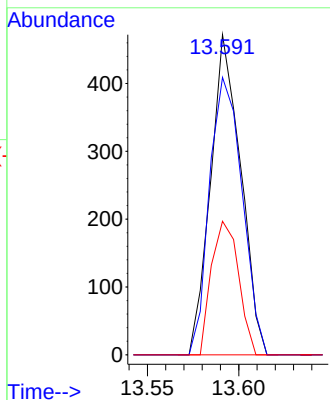
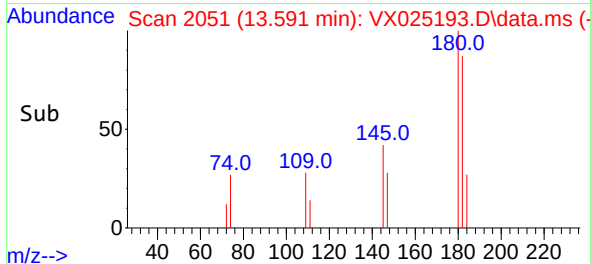
Tgt Ion:180 Resp: 54.2
Ion Ratio Lower Upper
180 100
182 93.7 47.3 141.8
145 37.5 16.1 48.3

Manual Integrations
APPROVED

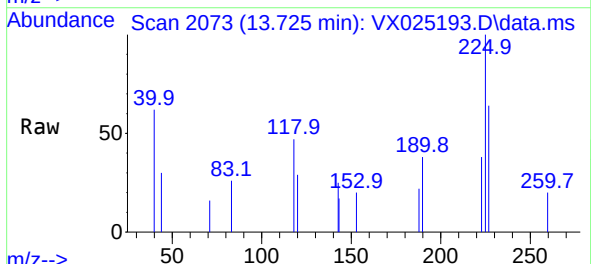
Reviewed By :John
Carlone

11/18/2021
Supervised By :Mahesh
Dadoda

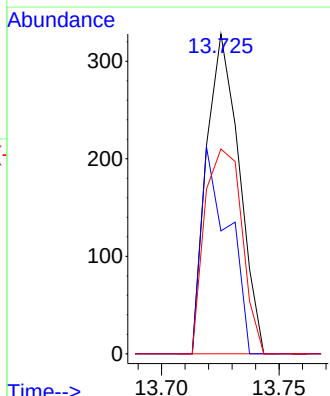
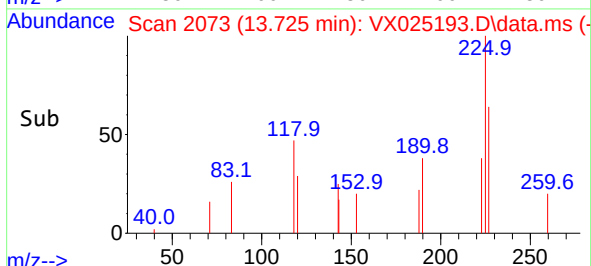
11/18/2021

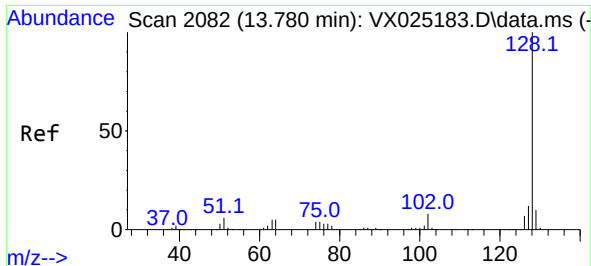


#94
Hexachlorobutadiene
Concen: 0.437 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47



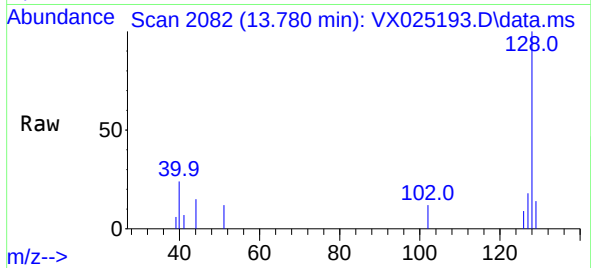
Tgt Ion:225 Resp: 316
Ion Ratio Lower Upper
225 100
223 54.7 30.9 92.7
227 72.8 31.1 93.5





#95
Naphthalene
Concen: 0.281 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



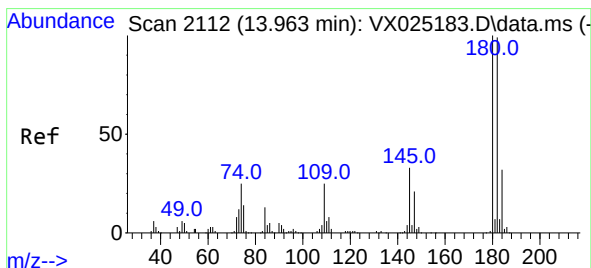
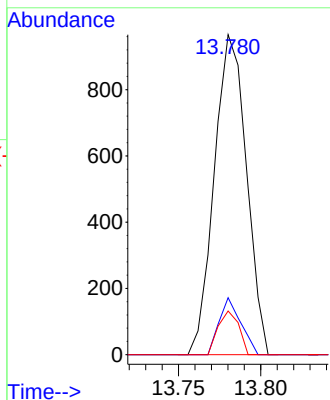
Tgt Ion:128 Resp: 131
Ion Ratio Lower Upper
128 100
127 12.0 10.3 15.5
129 8.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

11/18/2021
Supervised By :Mahesh
Dadoda

11/18/2021



#96
1,2,3-Trichlorobenzene
Concen: 0.357 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX025193.D
Acq: 17 Nov 2021 17:47

Tgt Ion:180 Resp: 525
Ion Ratio Lower Upper
180 100
182 97.7 47.4 142.3
145 30.7 16.8 50.3

