

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120820\
 Data File : VX019756.D
 Acq On : 08 Dec 2020 10:21
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 10:17:47 AM

Quant Time: Dec 09 05:55:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X120820W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Dec 09 05:54:44 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.970	128	64312	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.824	114	355985	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.091	117	323460	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.025	65	136188	30.55	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	101.83%		
60) 4-Bromofluorobenzene	11.116	95	160274	29.51	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.37%		
63) Toluene-d8	8.689	98	432579	30.53	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.77%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.184	85	16770	4.91	ug/l	94
3) Chloromethane	1.312	50	18395	5.04	ug/l	100
4) Vinyl Chloride	1.392	62	21111	5.00	ug/l	97
5) Bromomethane	1.623	94	8469	5.19	ug/l	97
6) Chloroethane	1.703	64	13167	4.95	ug/l	98
7) Trichlorofluoromethane	1.910	101	29835	5.02	ug/l	98
8) Diethyl Ether	2.166	74	11905	4.82	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.361	101	16848	4.93	ug/l	97
10) 1,1-Dichloroethene	2.355	96	17530	5.05	ug/l	99
11) Methyl Iodide	2.489	142	20821	4.59	ug/l	98
12) Methyl Acetate	2.745	43	20918	4.63	ug/l	99
13) Acrolein	2.270	56	15049	23.50	ug/l	96
14) Acrylonitrile	3.111	53	52982	24.11	ug/l	99
15) Acetone	2.416	58	16012	24.49	ug/l	89
16) Carbon Disulfide	2.550	76	48614	5.12	ug/l	100
17) Allyl chloride	2.702	41	27173	4.75	ug/l	97
18) Methylene Chloride	2.830	84	21757	5.08	ug/l	97
19) trans-1,2-Dichloroethene	3.141	96	20526	5.10	ug/l	99
20) Diisopropyl ether	3.818	45	57813	4.88	ug/l	95
21) 1,1-Dichloroethane	3.666	63	35063	4.94	ug/l	99
22) cis-1,2-Dichloroethene	4.556	96	23022	4.95	ug/l	98
23) tert-Butyl Alcohol	3.007	59	30221	135.49	ug/l #	100
24) Methyl tert-Butyl Ether	3.160	73	60890	4.82	ug/l	100
25) Chloroform	5.165	83	35774	4.88	ug/l	97
26) Cyclohexane	5.543	56	30313	4.97	ug/l #	100
29) 1,1-Dichloropropene	5.763	75	27188	4.92	ug/l	99
30) 2-Butanone	4.629	43	70027	23.92	ug/l	100
31) 2,2-Dichloropropane	4.550	77	30068	4.82	ug/l	100
32) 1,1,1-Trichloroethane	5.458	97	30826	4.82	ug/l	99
33) Carbon Tetrachloride	5.745	117	26064	4.73	ug/l	99
34) Benzene	6.104	78	82862	4.90	ug/l	98
35) Methacrylonitrile	4.995	41	13806	4.56	ug/l	93
36) 1,2-Dichloroethane	6.153	62	28885	4.97	ug/l	99
37) Trichloroethene	7.183	130	21942	4.95	ug/l	99
38) Methylcyclohexane	7.433	83	31591	4.81	ug/l	99
39) 1,2-Dichloropropane	7.482	63	20602	4.85	ug/l	99
40) Dibromomethane	7.635	93	14207	4.89	ug/l	99
41) Bromodichloromethane	7.872	83	26639	4.61	ug/l	98
42) Vinyl Acetate	3.782	43	240057	23.41	ug/l	100
43) Ethyl Acetate	4.787	43	26782	4.83	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	6.403	43	41720	4.62	ug/l	100
45) 1,4-Dioxane	7.714	88	10280	94.07	ug/l	99
46) Methyl methacrylate	7.738	41	19756	4.44	ug/l	100
47) n-amyl Acetate	10.878	43	32416	4.19	ug/l	98
48) t-1,3-Dichloropropene	9.018	75	27965	4.35	ug/l	100
49) cis-1,3-Dichloropropene	8.409	75	32039	4.56	ug/l	99
50) 1,1,2-Trichloroethane	9.195	97	20737	4.79	ug/l	98
51) Ethyl methacrylate	9.153	69	28960	4.35	ug/l	98
52) 1,3-Dichloropropane	9.348	76	35393	4.85	ug/l	100
53) Dibromochloromethane	9.561	129	20287	4.44	ug/l	98
54) 1,2-Dibromoethane	9.652	107	21608	4.71	ug/l	98
55) 2-Chloroethyl vinyl ether	8.287	63	76407	22.21	ug/l	99
56) Bromoform	10.835	173	13806	4.06	ug/l	96
58) 4-Methyl-2-Pentanone	8.616	43	128228	23.20	ug/l	99
59) 2-Hexanone	9.470	43	99987	23.18	ug/l	99
61) Tetrachloroethene	9.311	164	19414	5.09	ug/l	94
62) Toluene	8.762	91	88569	4.96	ug/l	100
64) Chlorobenzene	10.122	112	54956	4.91	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.201	131	19153	4.61	ug/l	99
66) Ethyl Benzene	10.232	91	95381	4.75	ug/l	99
67) m/p-Xylenes	10.341	106	71757	9.47	ug/l	100
68) o-Xylene	10.683	106	34325	4.67	ug/l	98
69) Styrene	10.695	104	55765	4.46	ug/l	99
70) Isopropylbenzene	11.000	105	92602	4.72	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.250	83	32649	4.81	ug/l	99
72) 1,2,3-Trichloropropane	11.274	75	30819m	4.87	ug/l	
73) Bromobenzene	11.238	156	23855	4.78	ug/l	98
74) n-propylbenzene	11.341	91	104743	4.62	ug/l	99
75) 2-Chlorotoluene	11.402	91	65674	4.77	ug/l	99
76) 1,3,5-Trimethylbenzene	11.487	105	76875	4.63	ug/l	99
77) t-1,4-Dichloro-2-butene	11.055	75	9005	3.94	ug/l	95
78) 4-Chlorotoluene	11.494	91	74811	4.70	ug/l	100
79) tert-butylbenzene	11.756	119	74883	4.60	ug/l	98
80) 1,2,4-Trimethylbenzene	11.786	105	77593	4.65	ug/l	99
81) sec-Butylbenzene	11.926	105	85664	4.55	ug/l	100
82) p-Isopropyltoluene	12.048	119	78879	4.57	ug/l	98
83) 1,3-Dichlorobenzene	12.006	146	42517	4.73	ug/l	98
84) 1,4-Dichlorobenzene	12.079	146	42486	4.69	ug/l	98
85) n-Butylbenzene	12.371	91	64971	4.28	ug/l	100
86) Hexachloroethane	12.579	117	13090	4.31	ug/l	99
87) 1,2-Dichlorobenzene	12.371	146	42717	4.83	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.981	75	6754	4.58	ug/l	92
89) 1,2,4-Trichlorobenzene	13.627	180	25541	4.38	ug/l	100
90) Hexachlorobutadiene	13.761	225	12844	5.03	ug/l	99
91) Naphthalene	13.816	128	79766	4.17	ug/l	100
92) 1,2,3-Trichlorobenzene	13.999	180	25391	4.43	ug/l	99

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

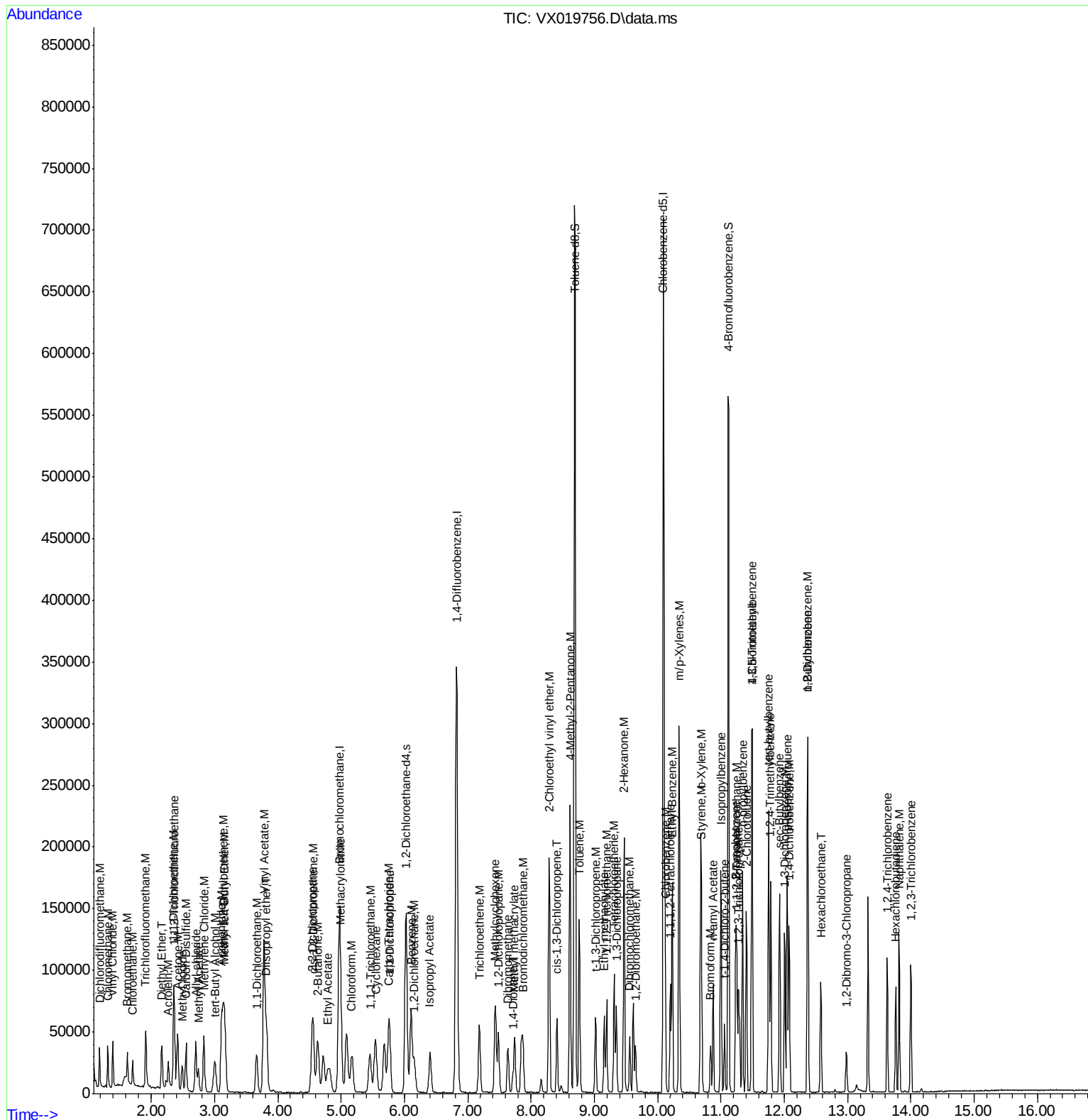
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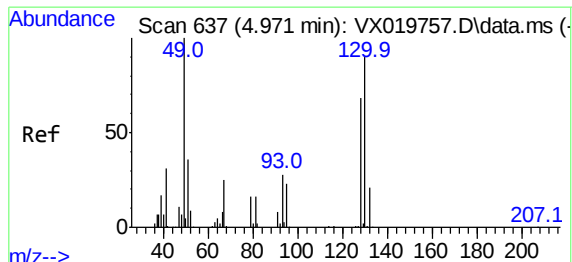
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

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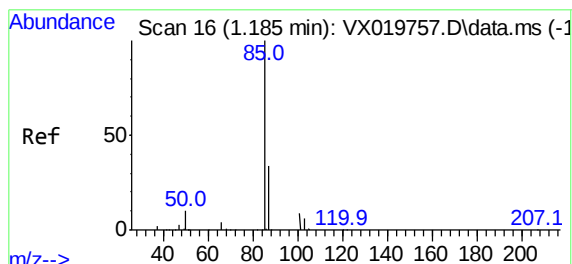
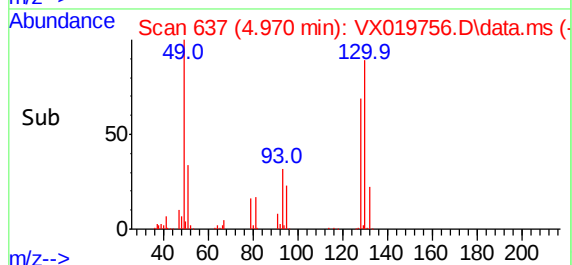
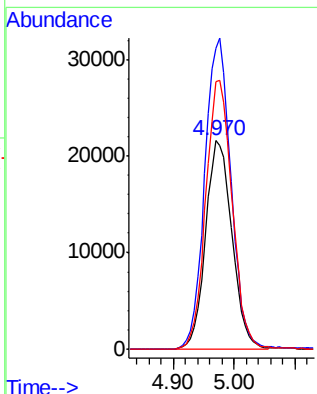
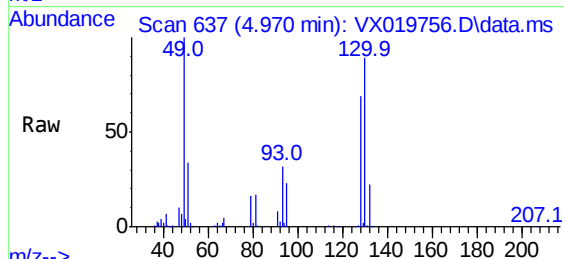
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Bromochloromethane
Concen: 30.00 ug/l
RT: 4.970 min Scan# 637
Delta R.T. -0.001 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion:128 Resp: 64312
Ion Ratio Lower Upper
128 100
49 148.2 0.0 367.5
130 129.0 0.0 318.8

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ClientSampleId :
VSTDIC005

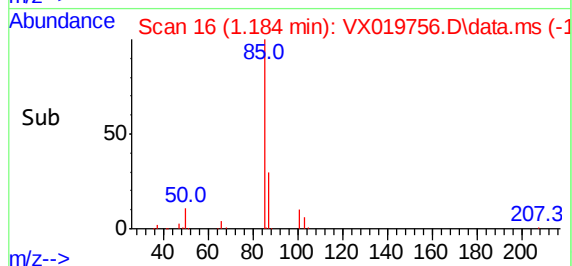
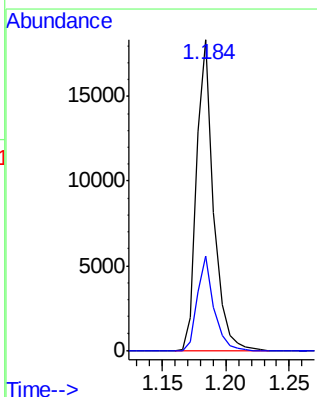
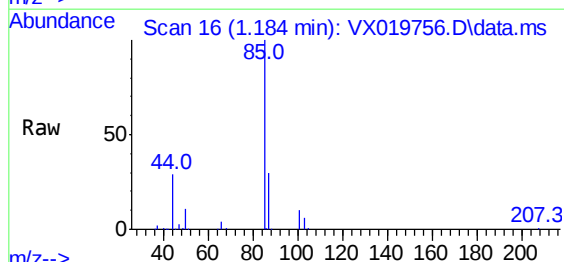
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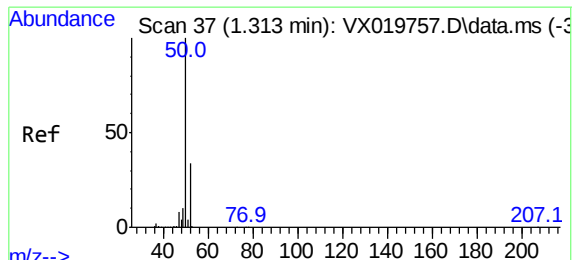
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#2
Dichlorodifluoromethane
Concen: 4.91 ug/l
RT: 1.184 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 85 Resp: 16770
Ion Ratio Lower Upper
85 100
87 30.2 16.8 50.4





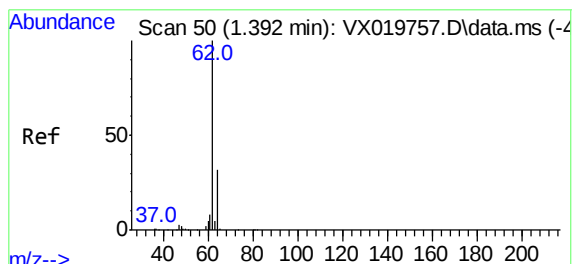
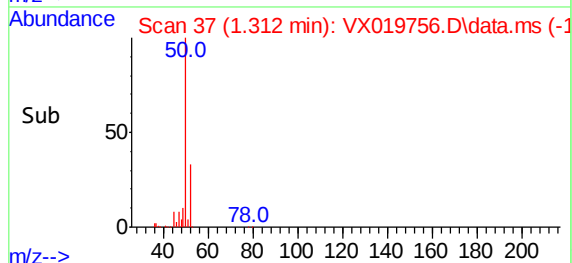
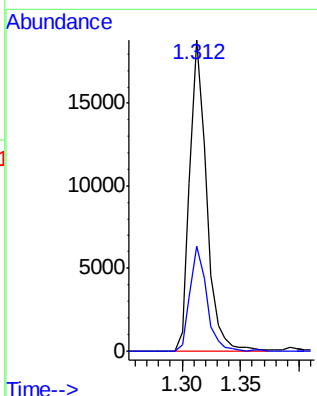
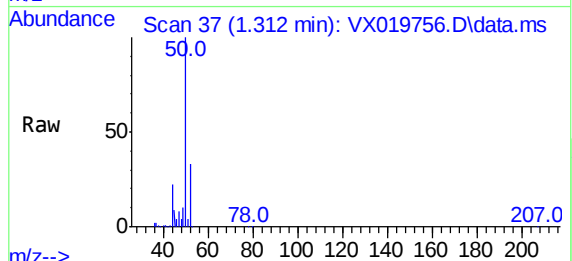
#3
Chloromethane
Concen: 5.04 ug/l
RT: 1.312 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 50 Resp: 18395
Ion Ratio Lower Upper
50 100
52 33.5 26.9 40.3

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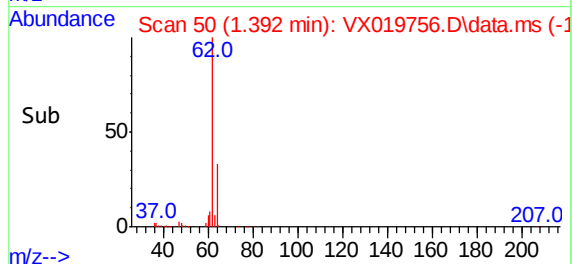
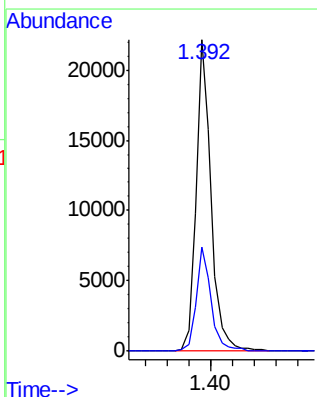
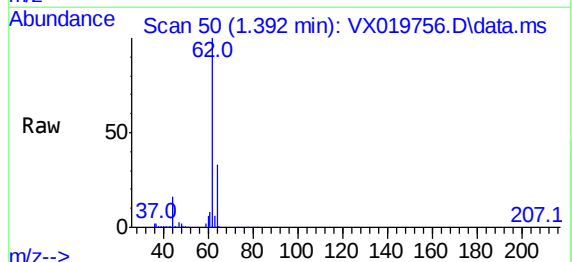
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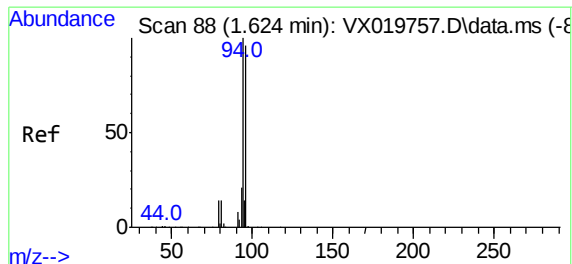
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#4
Vinyl Chloride
Concen: 5.00 ug/l
RT: 1.392 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 62 Resp: 21111
Ion Ratio Lower Upper
62 100
64 33.2 25.4 38.2





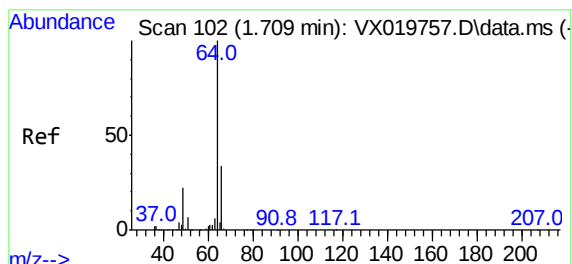
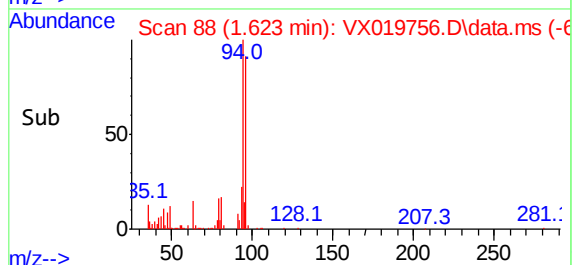
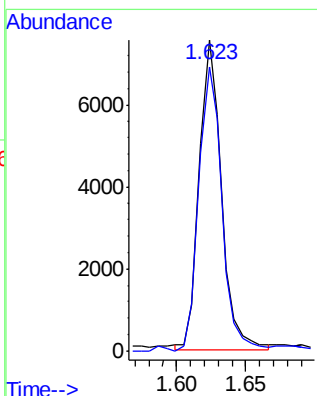
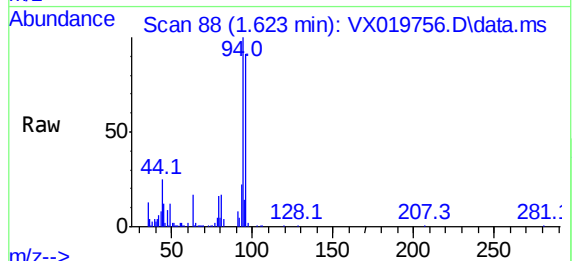
#5
Bromomethane
Concen: 5.19 ug/l
RT: 1.623 min Scan# 88
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 94 Resp: 8469
Ion Ratio Lower Upper
94 100
96 93.0 76.6 114.8

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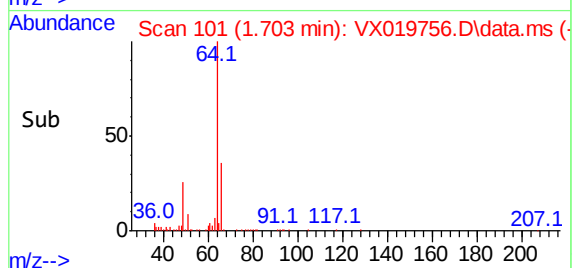
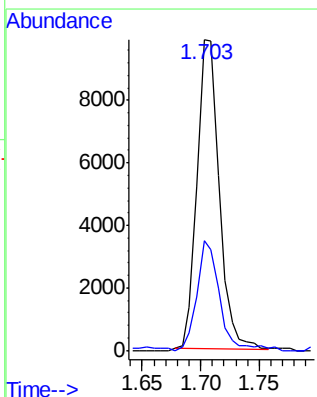
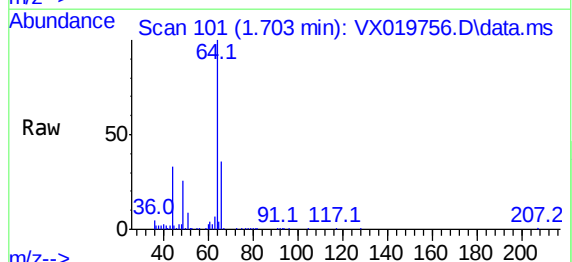
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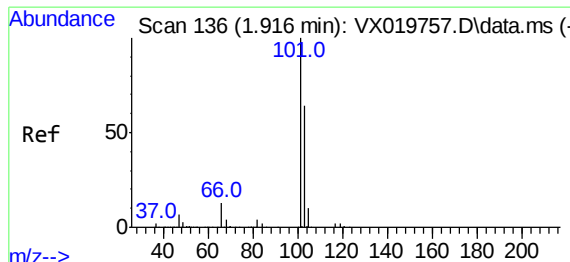
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#6
Chloroethane
Concen: 4.95 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 64 Resp: 13167
Ion Ratio Lower Upper
64 100
66 35.7 27.4 41.2





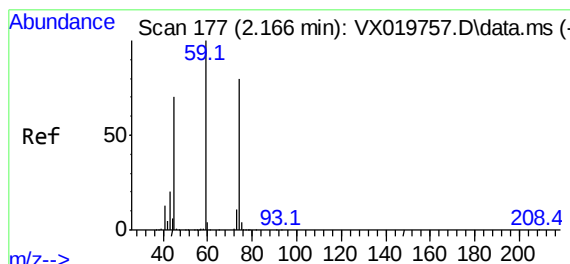
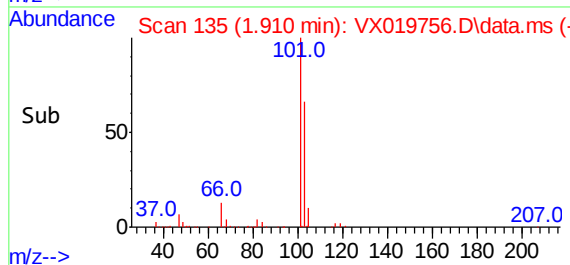
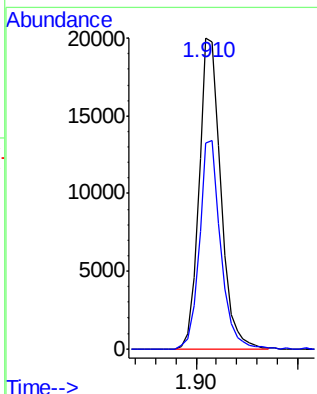
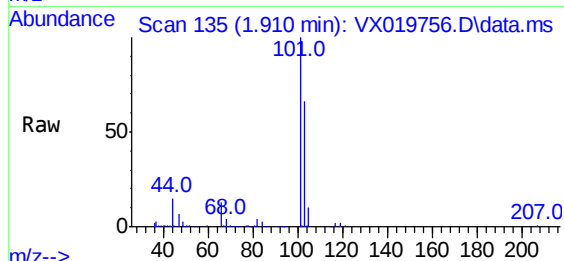
#7
Trichlorofluoromethane
Concen: 5.02 ug/l
RT: 1.910 min Scan# 135
Delta R.T. -0.006 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 101 Resp: 29835
Ion Ratio Lower Upper
101 100
103 66.1 51.4 77.2

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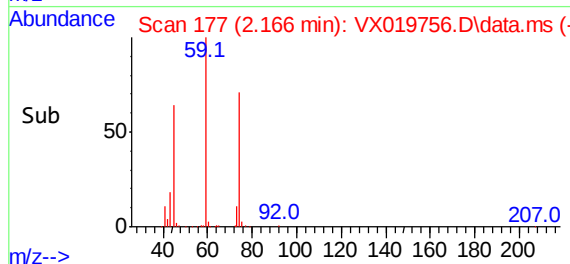
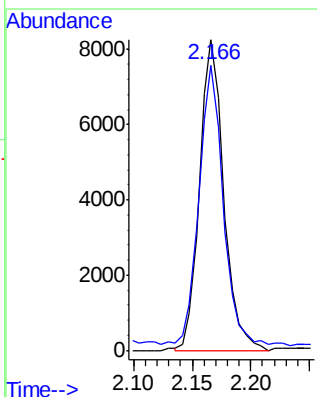
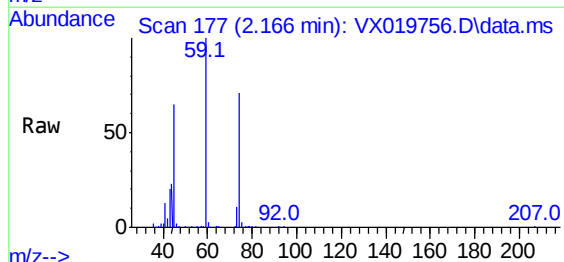
Manual Integrations
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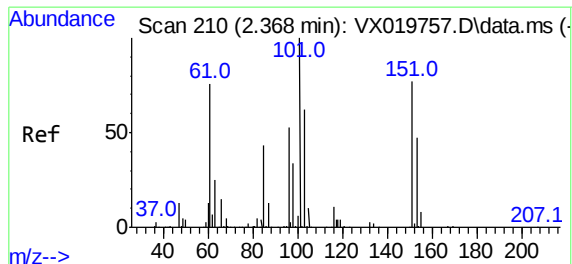
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#8
Diethyl Ether
Concen: 4.82 ug/l
RT: 2.166 min Scan# 177
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 74 Resp: 11905
Ion Ratio Lower Upper
74 100
45 89.1 17.3 155.7





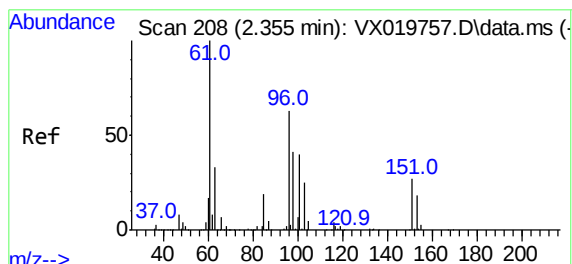
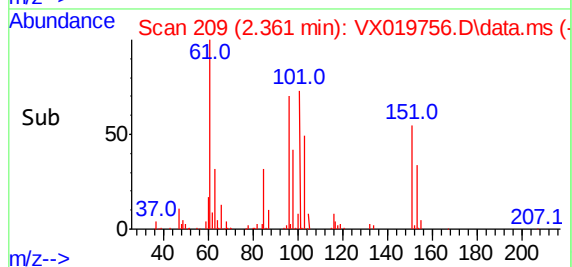
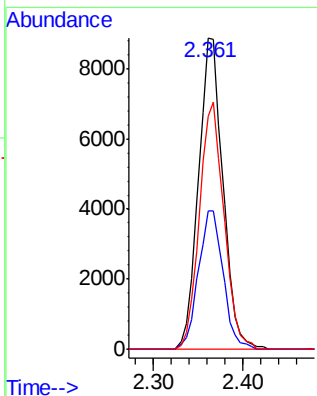
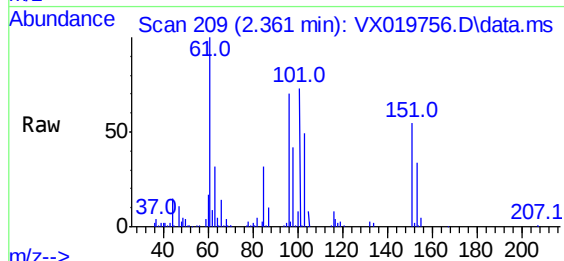
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1,1,2-Trichlorotrifluoroethane
Concen: 4.93 ug/l
RT: 2.361 min Scan# 209
Delta R.T. -0.006 min
Lab File: VX019756.D
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Tgt Ion:101 Resp: 16848
Ion Ratio Lower Upper
101 100
85 44.9 0.0 88.0
151 79.6 0.0 151.8

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ClientSampleId :
VSTDIC005

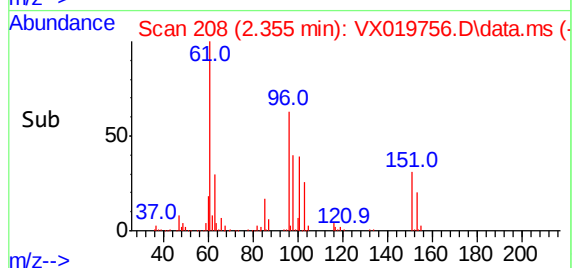
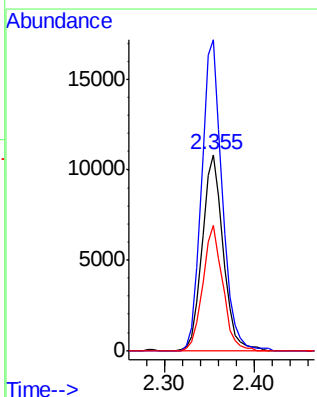
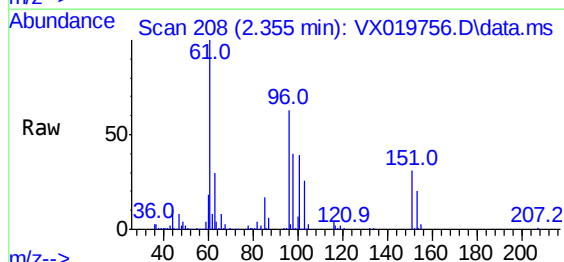
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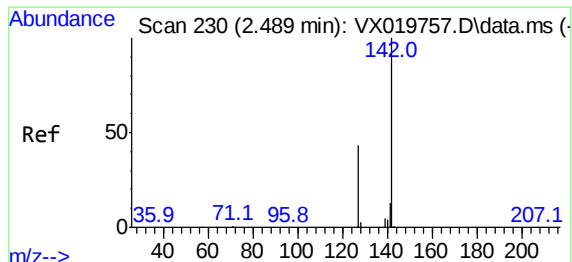
MMDadoda
12/10/2020 10:17:47 AM



#10
1,1-Dichloroethene
Concen: 5.05 ug/l
RT: 2.355 min Scan# 208
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 96 Resp: 17530
Ion Ratio Lower Upper
96 100
61 158.6 126.1 189.1
98 63.9 51.3 76.9





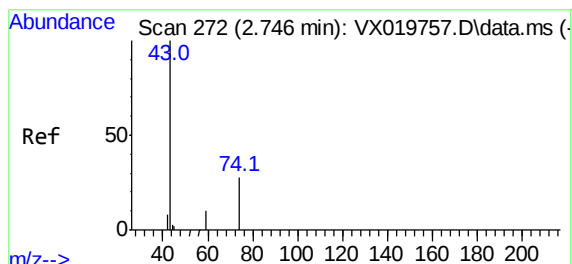
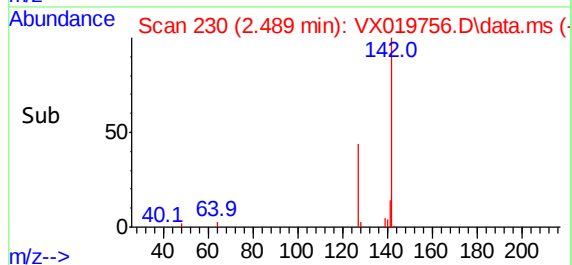
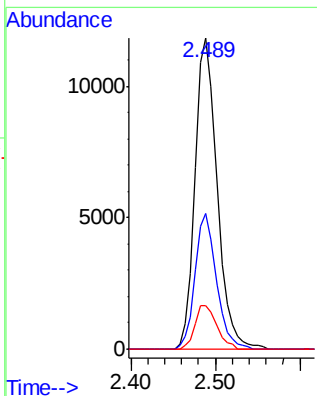
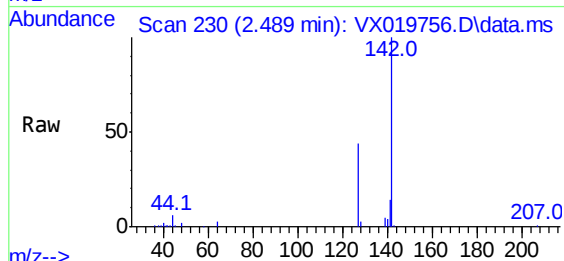
#11
Methyl Iodide
Concen: 4.59 ug/l
RT: 2.489 min Scan# 230
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion:142 Resp: 20821
Ion Ratio Lower Upper
142 100
127 43.8 21.4 64.2
141 13.8 6.5 19.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

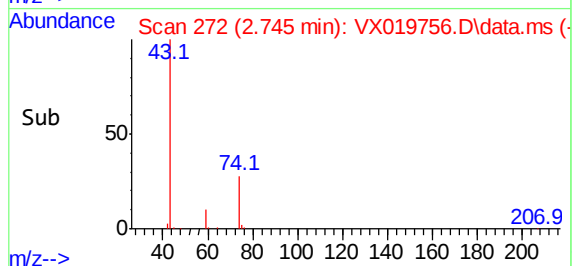
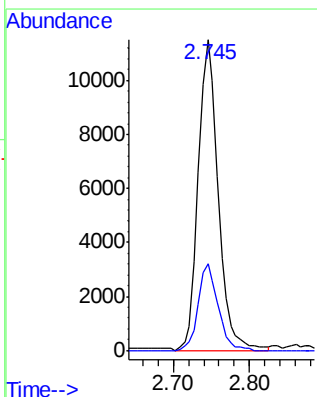
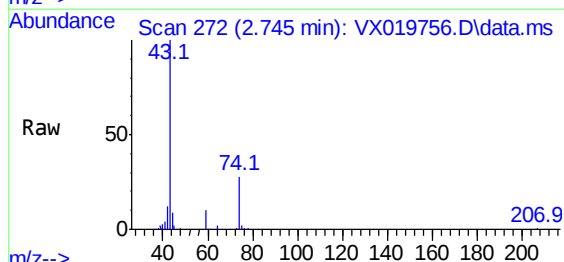
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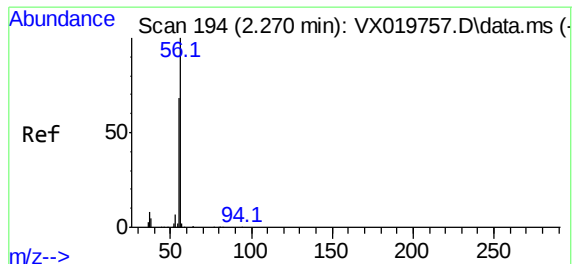
MMDadoda
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#12
Methyl Acetate
Concen: 4.63 ug/l
RT: 2.745 min Scan# 272
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 43 Resp: 20918
Ion Ratio Lower Upper
43 100
74 28.0 22.8 34.2





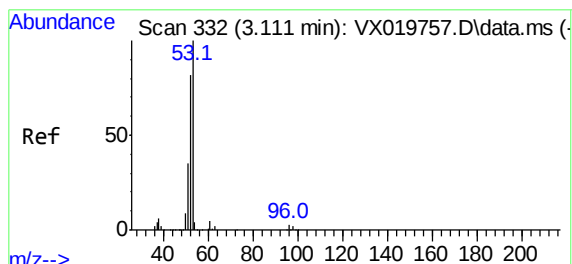
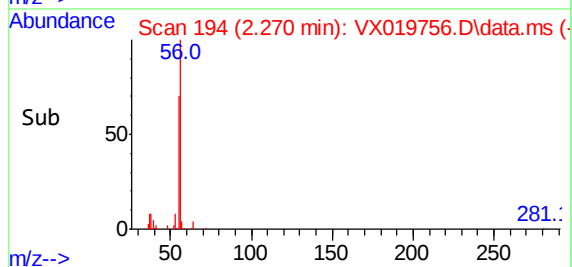
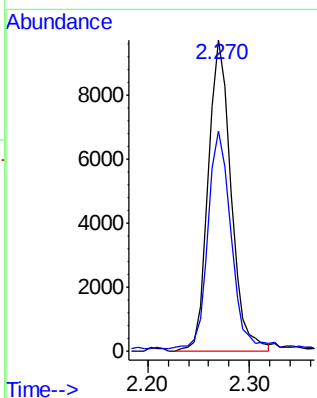
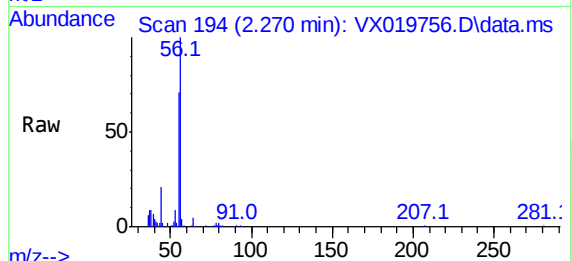
#13
Acrolein
Concen: 23.50 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 15049
Ion Ratio Lower Upper
56 100
55 67.2 56.3 84.5

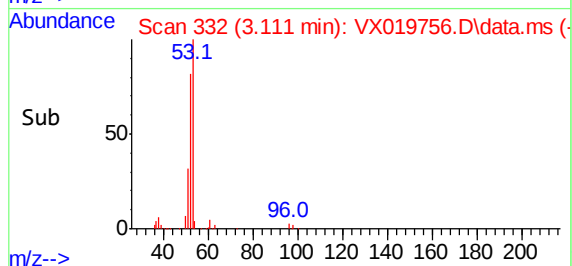
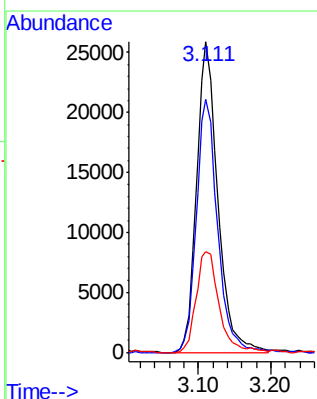
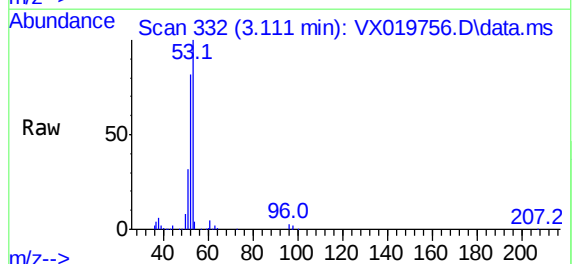
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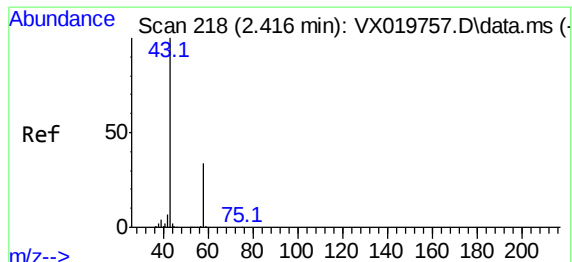
MMDadoda
12/10/2020 10:17:47 AM



#14
Acrylonitrile
Concen: 24.11 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 53 Resp: 52982
Ion Ratio Lower Upper
53 100
52 81.3 41.1 123.3
51 34.4 17.6 52.9





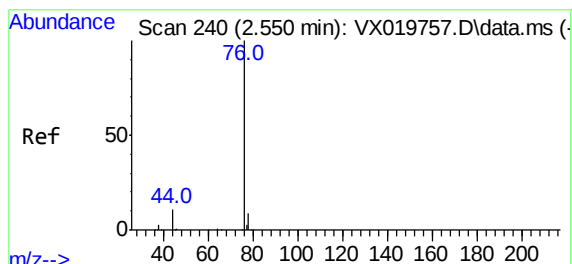
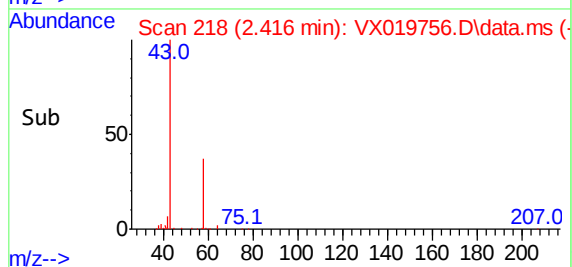
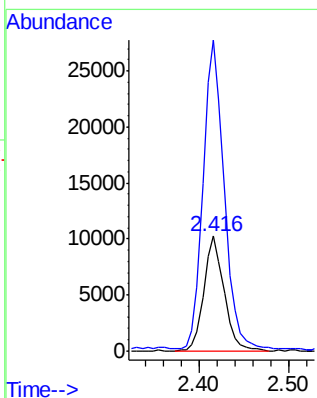
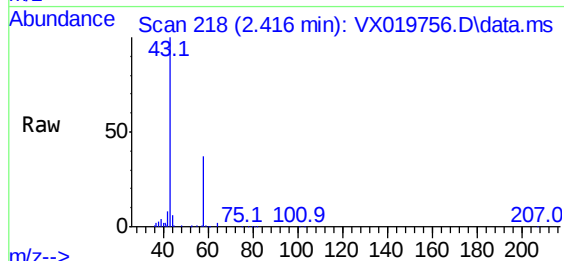
#15
Acetone
Concen: 24.49 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 58 Resp: 16012
Ion Ratio Lower Upper
58 100
43 269.5 232.6 348.8

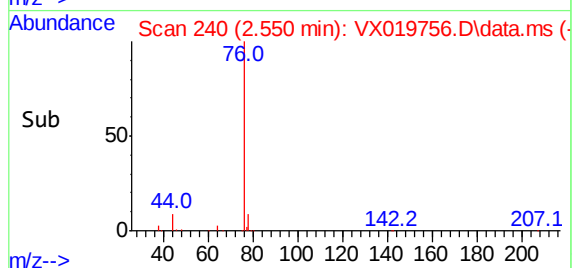
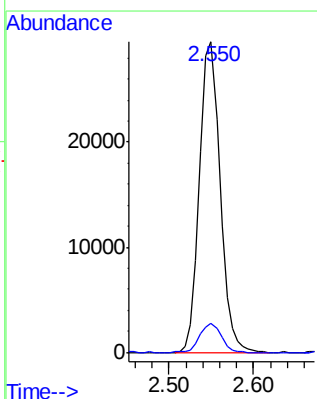
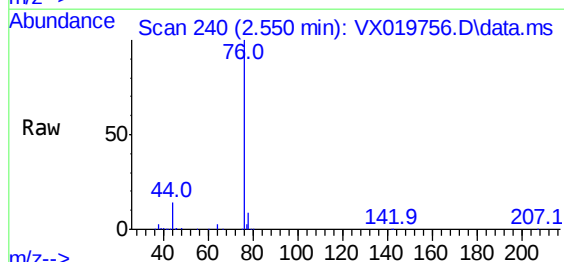
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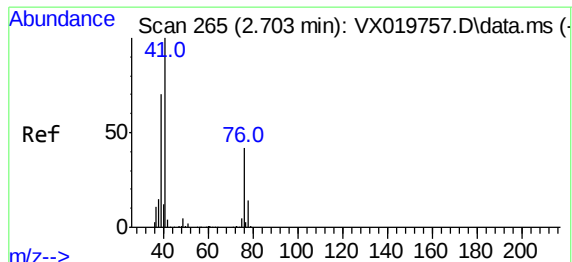
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#16
Carbon Disulfide
Concen: 5.12 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

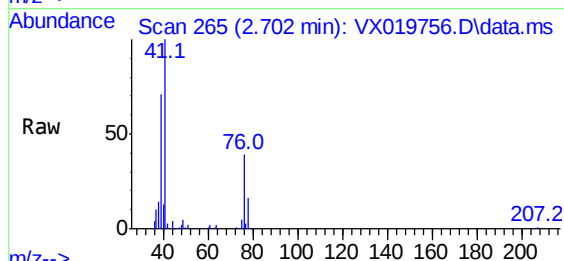
Tgt Ion: 76 Resp: 48614
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0





#17
 Allyl chloride
 Concen: 4.75 ug/l
 RT: 2.702 min Scan# 265
 Delta R.T. -0.000 min
 Lab File: VX019756.D
 Acq: 08 Dec 2020 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

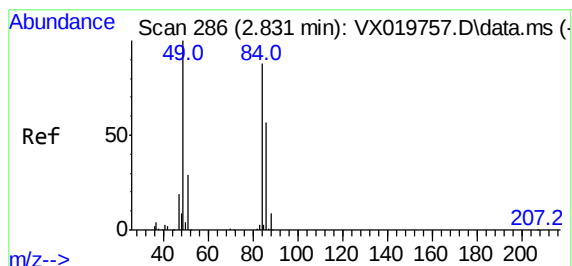
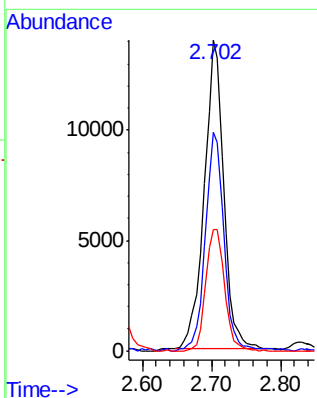
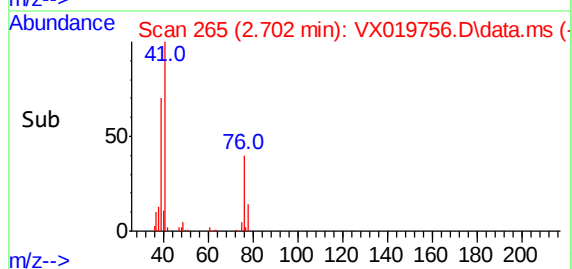


Tgt Ion: 41 Resp: 27173

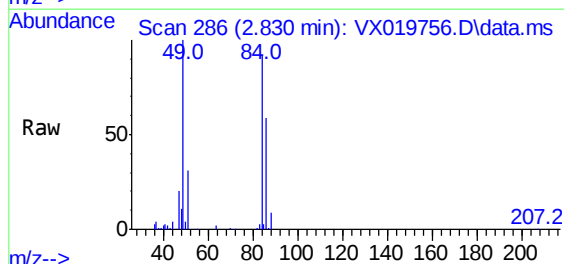
Ion	Ratio	Lower	Upper
41	100		
39	71.0	34.8	104.4
76	39.2	21.3	63.9

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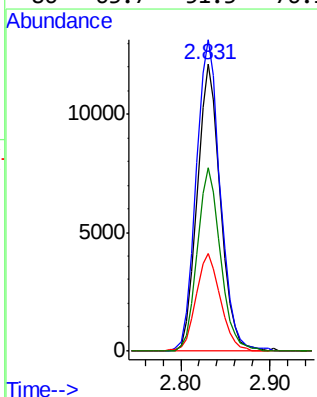
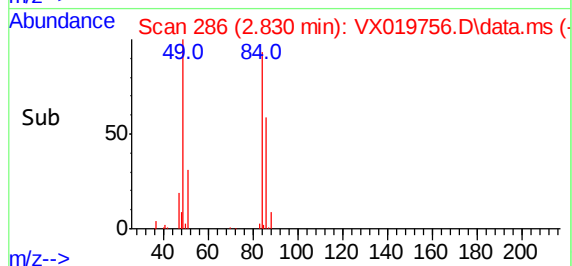


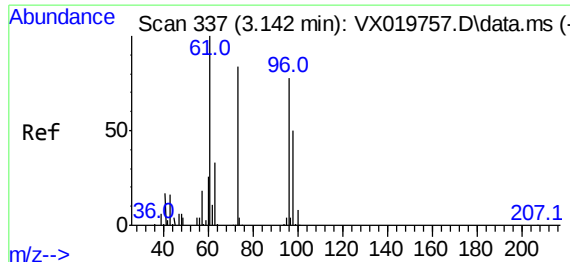
#18
 Methylene Chloride
 Concen: 5.08 ug/l
 RT: 2.830 min Scan# 286
 Delta R.T. -0.000 min
 Lab File: VX019756.D
 Acq: 08 Dec 2020 10:21



Tgt Ion: 84 Resp: 21757

Ion	Ratio	Lower	Upper
84	100		
49	107.8	90.6	136.0
51	33.8	26.3	39.5
86	63.7	51.3	76.9





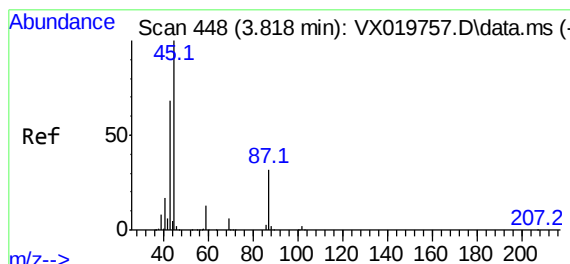
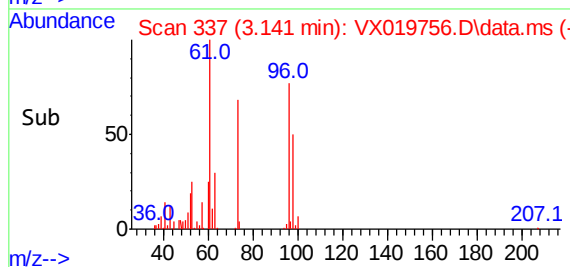
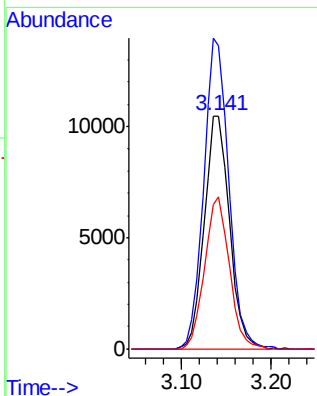
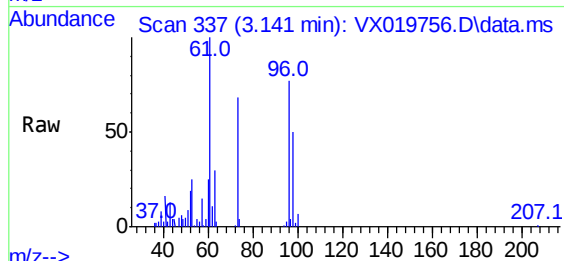
#19
trans-1,2-Dichloroethene
Concen: 5.10 ug/l
RT: 3.141 min Scan# 337
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 20526
Ion Ratio Lower Upper
96 100
61 130.1 103.0 154.4
98 65.2 51.8 77.6

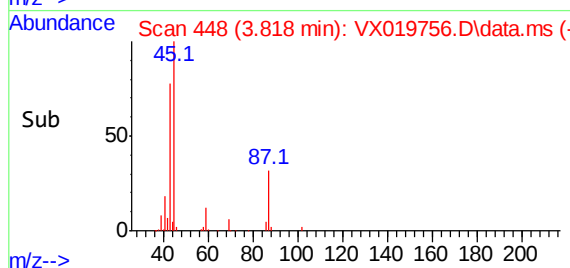
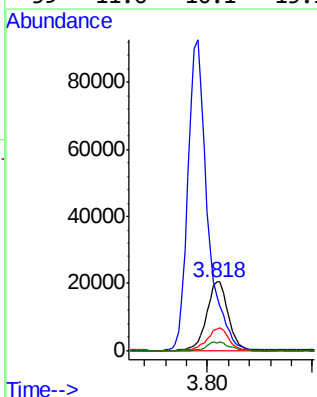
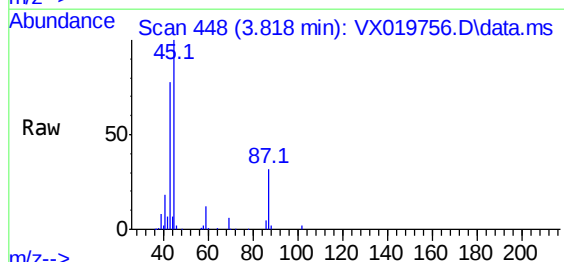
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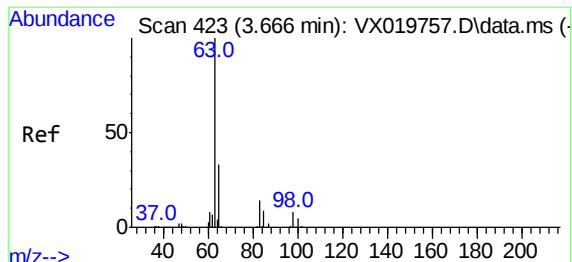
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#20
Diisopropyl ether
Concen: 4.88 ug/l
RT: 3.818 min Scan# 448
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 45 Resp: 57813
Ion Ratio Lower Upper
45 100
43 76.9 56.0 84.0
87 31.9 25.4 38.0
59 11.6 10.1 15.1





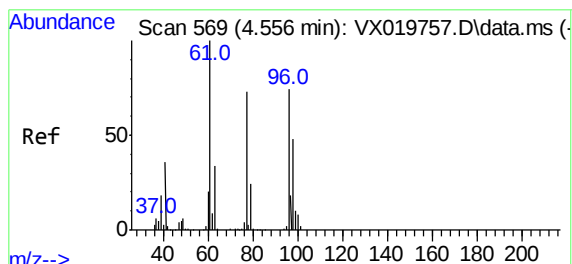
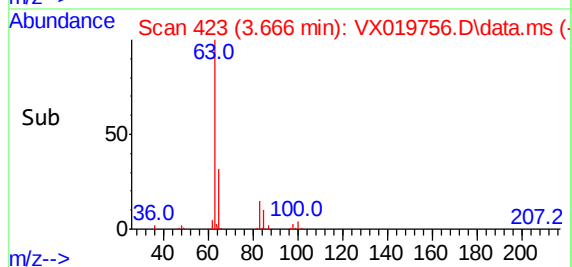
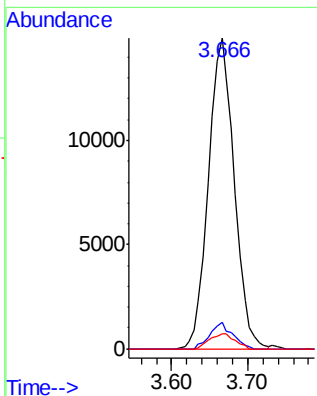
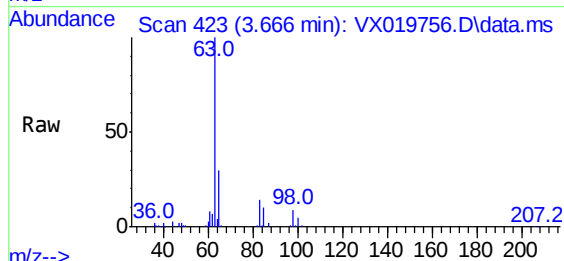
#21
1,1-Dichloroethane
Concen: 4.94 ug/l
RT: 3.666 min Scan# 423
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 63 Resp: 35063
Ion Ratio Lower Upper
63 100
98 8.5 3.9 11.7
100 5.0 2.5 7.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

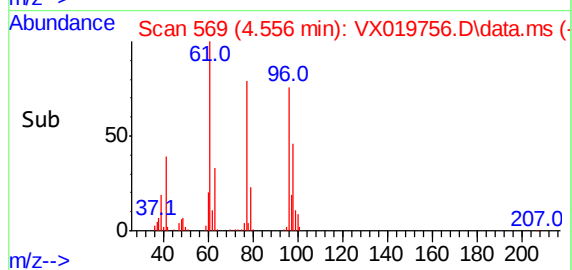
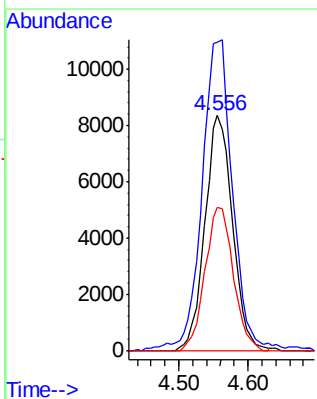
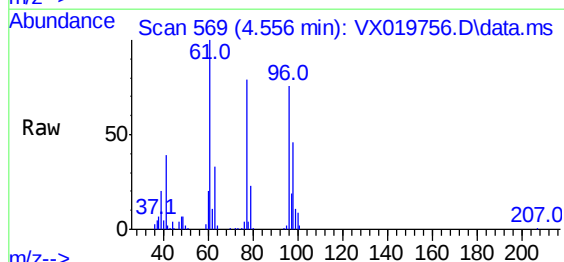
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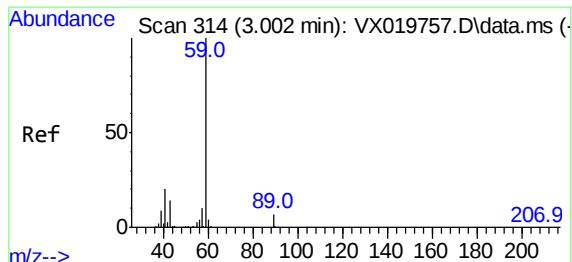
MMDadoda
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#22
cis-1,2-Dichloroethene
Concen: 4.95 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 96 Resp: 23022
Ion Ratio Lower Upper
96 100
61 144.5 114.1 171.1
98 62.4 51.8 77.8



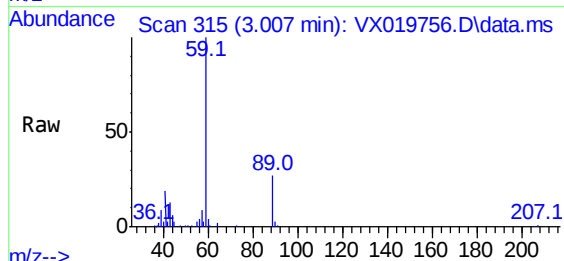


#23
tert-Butyl Alcohol
Concen: 135.49 ug/l
RT: 3.007 min Scan# 315
Delta R.T. 0.006 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

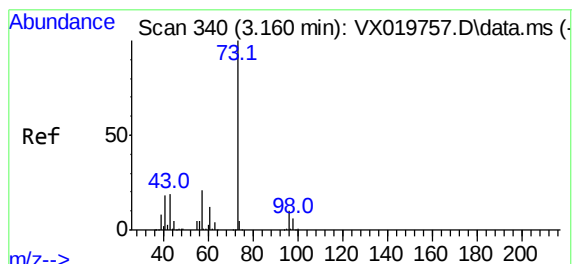
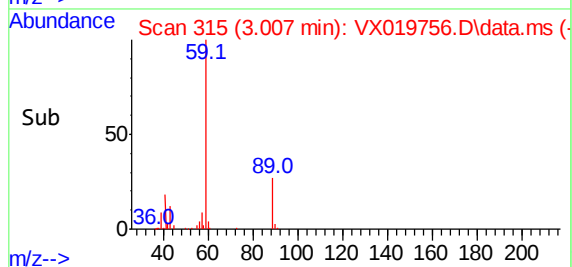
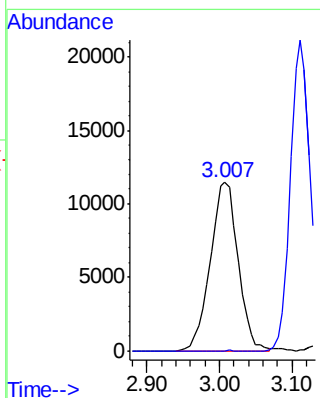
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

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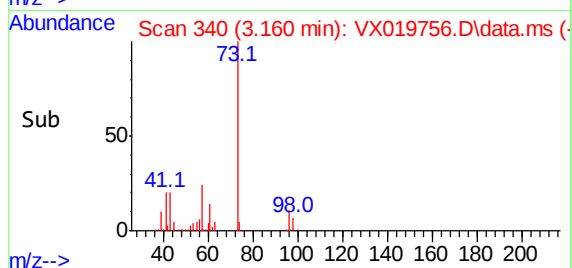
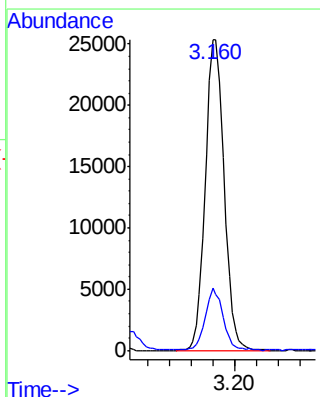
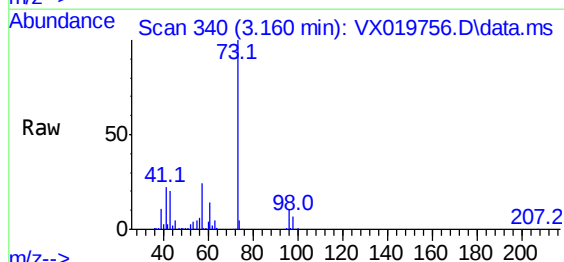


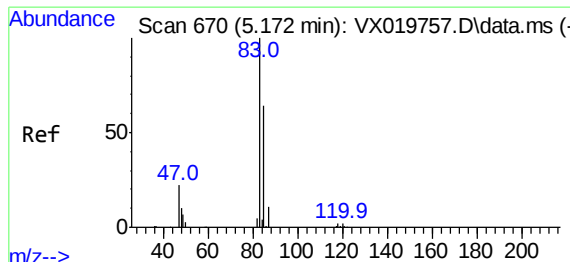
Tgt Ion: 59 Resp: 30221
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 4.82 ug/l
RT: 3.160 min Scan# 340
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 73 Resp: 60890
Ion Ratio Lower Upper
73 100
43 18.7 14.9 22.3



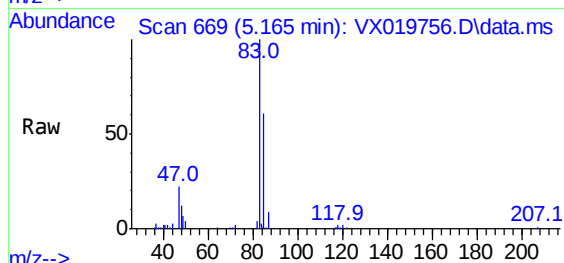


#25
Chloroform
Concen: 4.88 ug/l
RT: 5.165 min Scan# 669
Delta R.T. -0.006 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

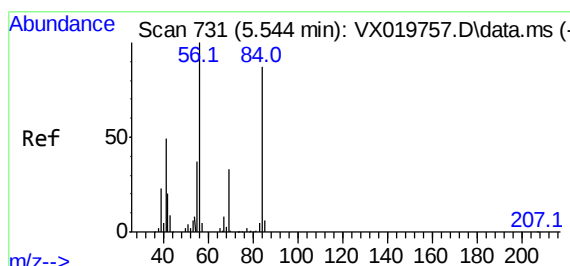
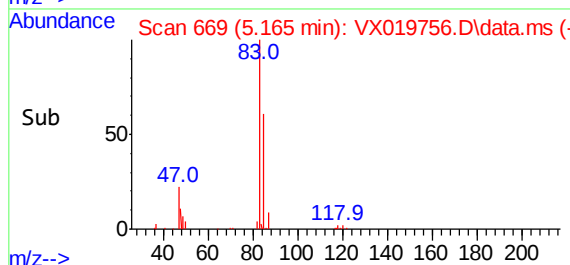
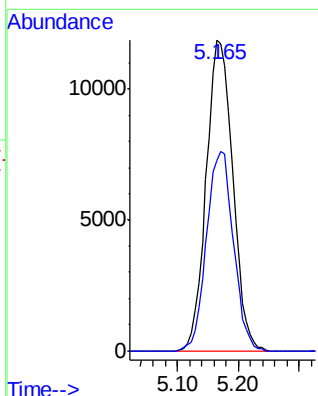
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

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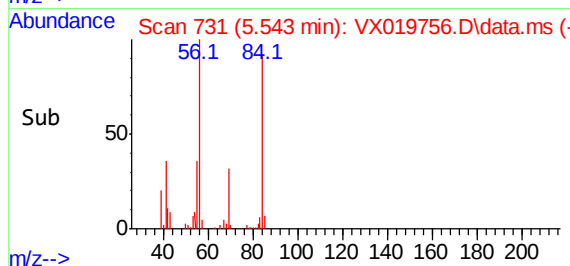
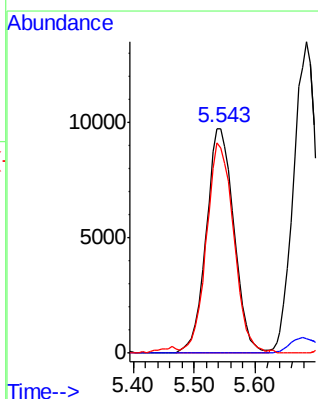
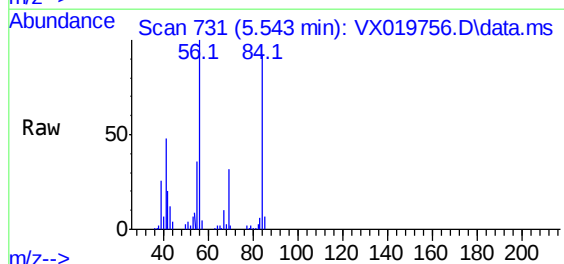


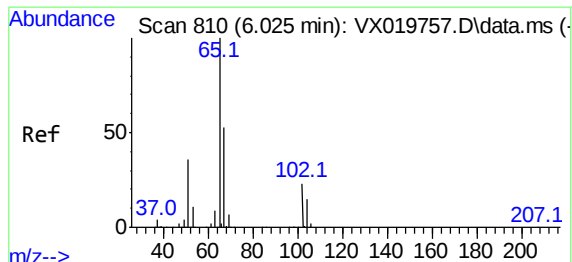
Tgt Ion: 83 Resp: 35774
Ion Ratio Lower Upper
83 100
85 61.4 51.2 76.8



#26
Cyclohexane
Concen: 4.97 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 56 Resp: 30313
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 92.3 74.1 111.1





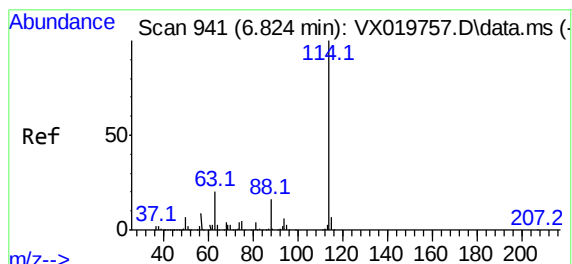
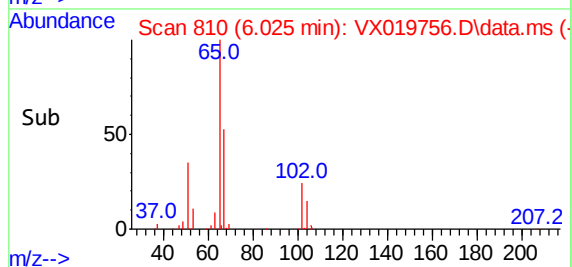
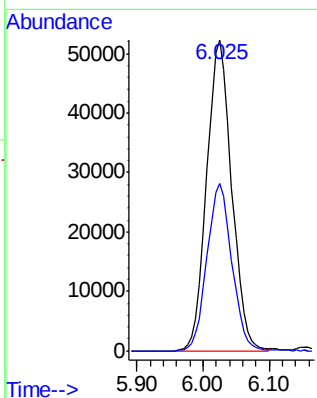
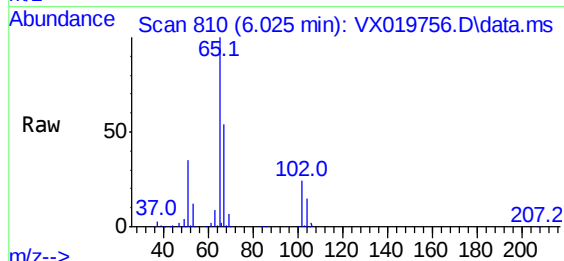
#27
1,2-Dichloroethane-d4
Concen: 30.55 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 65 Resp: 136188
Ion Ratio Lower Upper
65 100
67 53.7 41.9 62.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

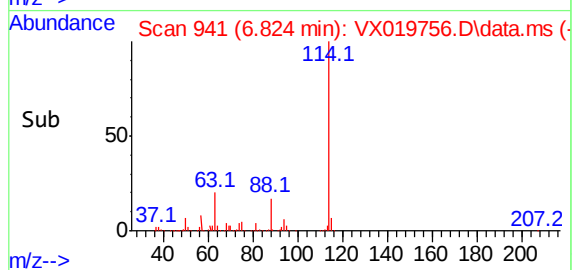
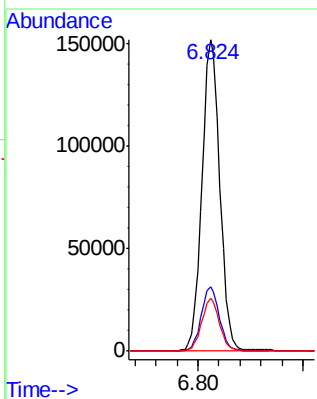
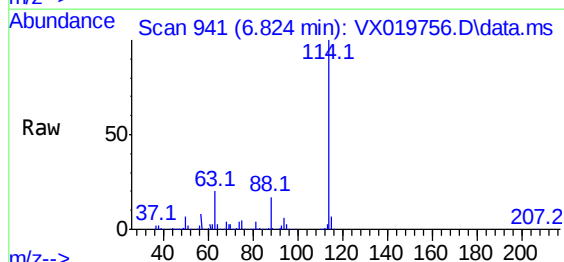
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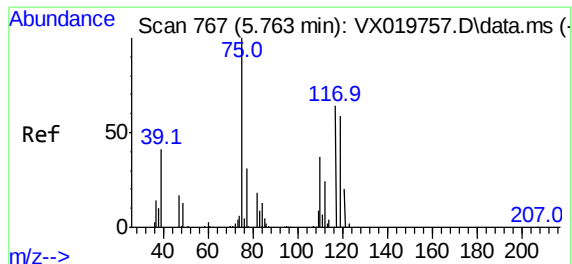
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#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion:114 Resp: 355985
Ion Ratio Lower Upper
114 100
63 20.4 16.2 24.2
88 16.3 13.0 19.6



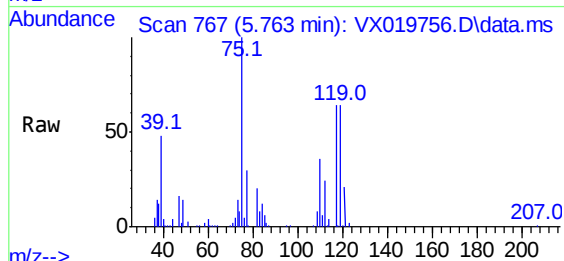


#29
1,1-Dichloropropene
Concen: 4.92 ug/l
RT: 5.763 min Scan# 767
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

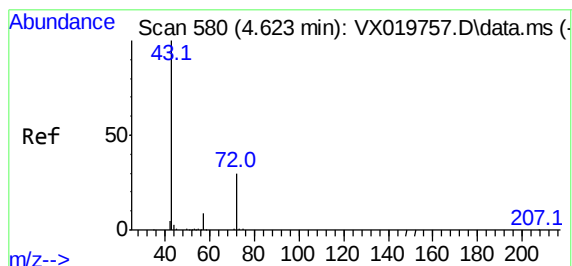
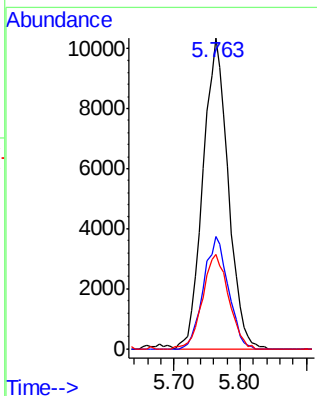
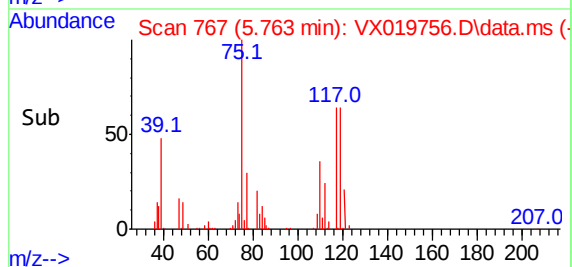
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

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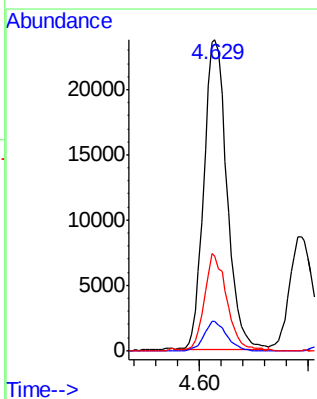
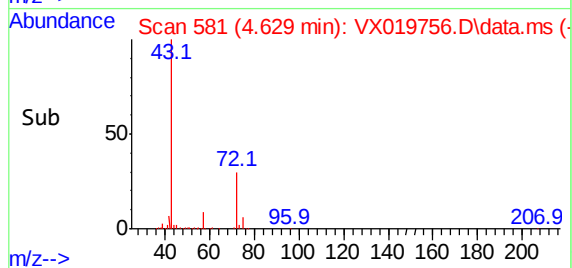
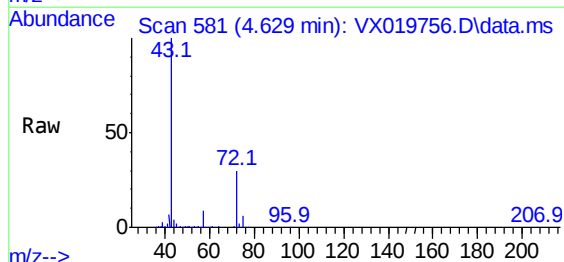


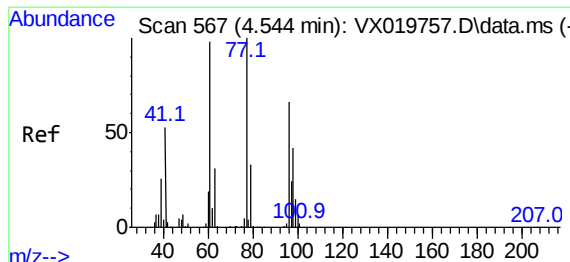
Tgt Ion: 75 Resp: 27188
Ion Ratio Lower Upper
75 100
110 35.5 0.0 72.4
77 31.5 0.0 62.4



#30
2-Butanone
Concen: 23.92 ug/l
RT: 4.629 min Scan# 581
Delta R.T. 0.006 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 43 Resp: 70027
Ion Ratio Lower Upper
43 100
57 8.9 7.2 10.8
72 29.9 23.7 35.5



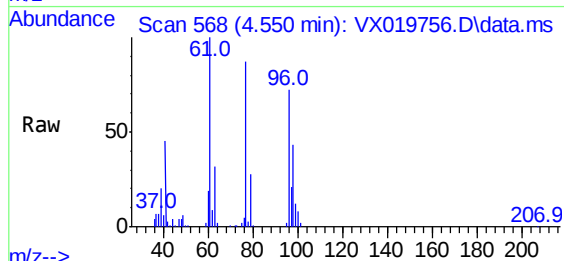


#31
2,2-Dichloropropane
Concen: 4.82 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

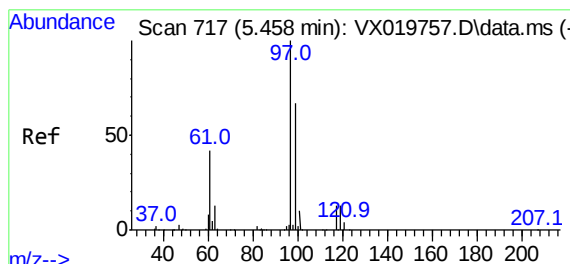
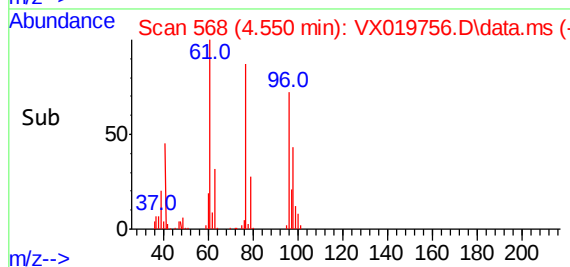
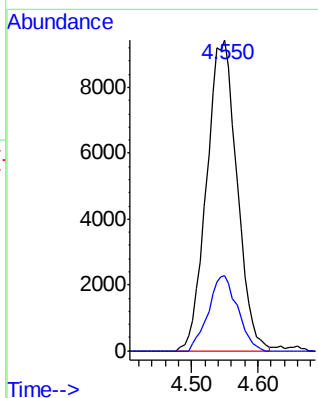
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

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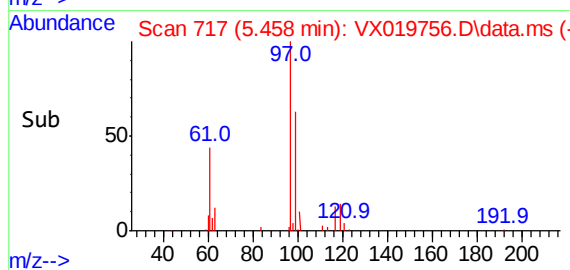
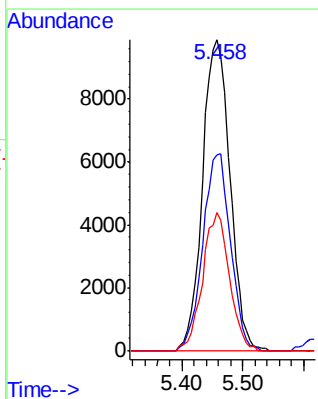
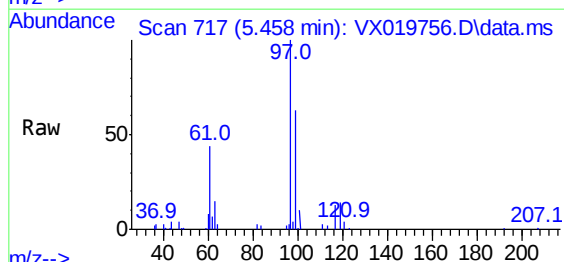


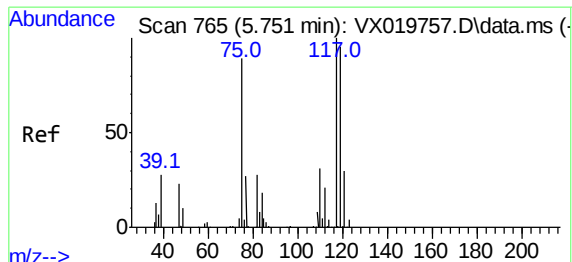
Tgt Ion: 77 Resp: 30068
Ion Ratio Lower Upper
77 100
97 23.3 18.6 28.0



#32
1,1,1-Trichloroethane
Concen: 4.82 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 97 Resp: 30826
Ion Ratio Lower Upper
97 100
99 63.6 51.7 77.5
61 43.1 34.3 51.5





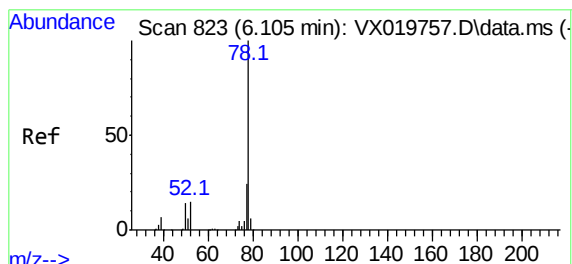
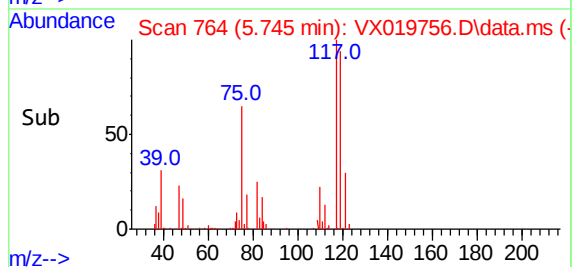
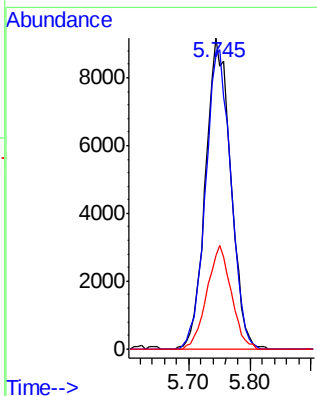
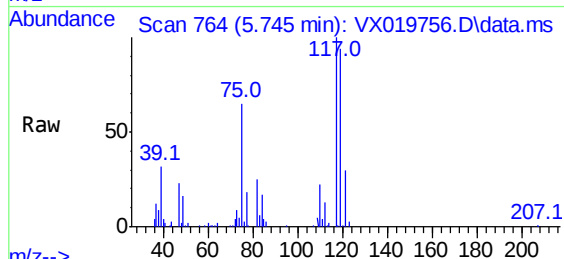
#33
Carbon Tetrachloride
Concen: 4.73 ug/l
RT: 5.745 min Scan# 764
Delta R.T. -0.006 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 26064
Ion Ratio Lower Upper
117 100
119 94.4 76.1 114.1
121 29.8 24.1 36.1

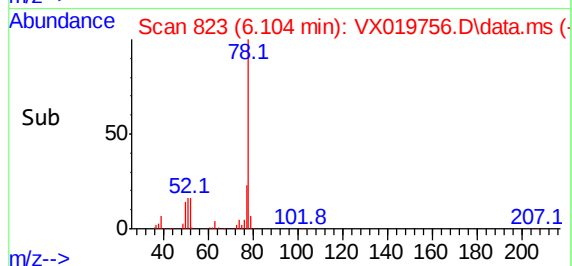
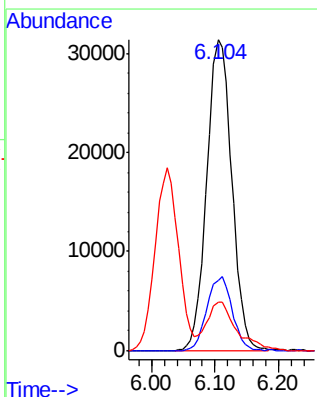
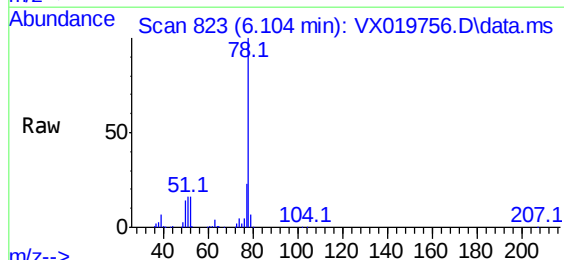
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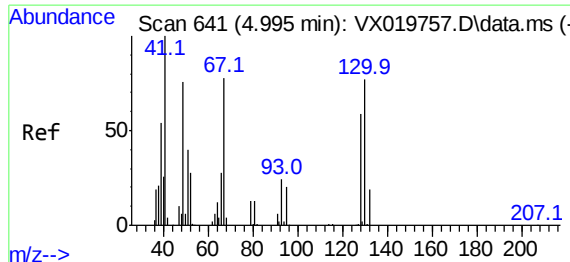
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#34
Benzene
Concen: 4.90 ug/l
RT: 6.104 min Scan# 823
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 78 Resp: 82862
Ion Ratio Lower Upper
78 100
77 22.5 19.0 28.4
51 14.6 12.5 18.7





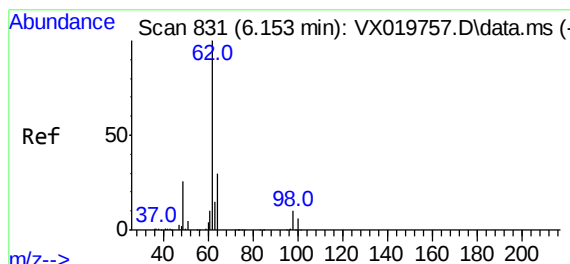
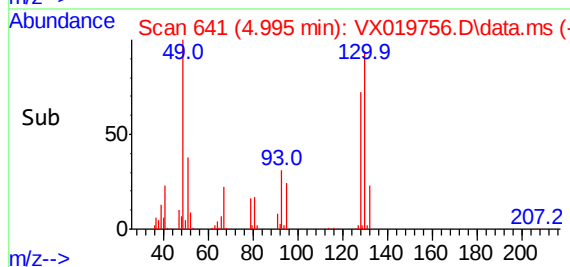
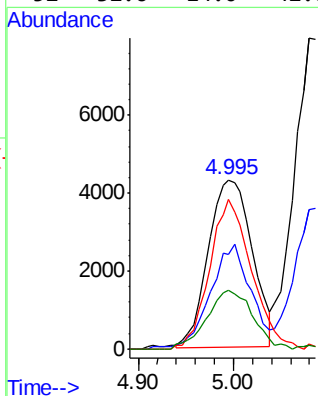
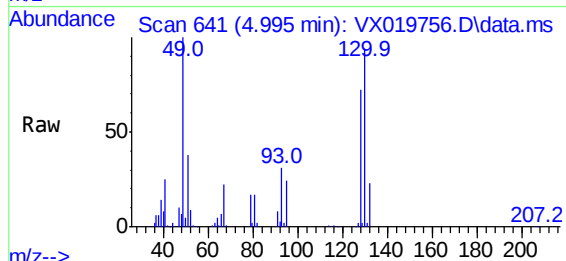
#35
Methacrylonitrile
Concen: 4.56 ug/l
RT: 4.995 min Scan# 641
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 41 Resp: 13806
Ion Ratio Lower Upper
41 100
39 54.3 26.8 80.3
67 87.7 39.1 117.2
52 32.6 14.0 42.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

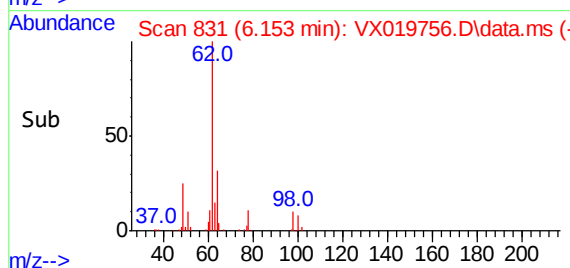
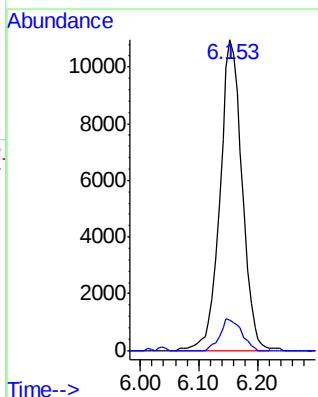
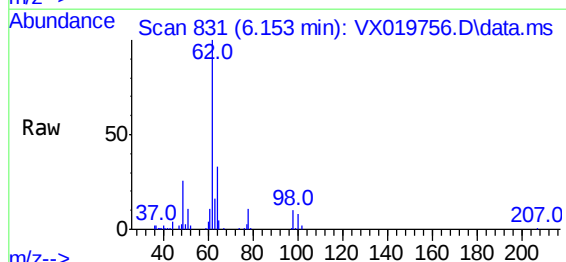
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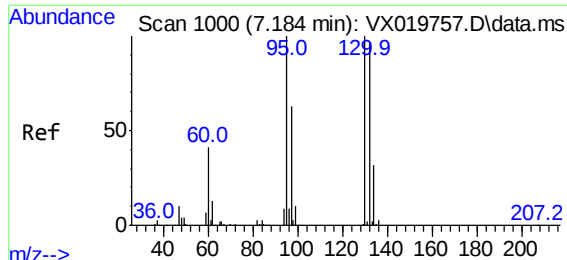
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#36
1,2-Dichloroethane
Concen: 4.97 ug/l
RT: 6.153 min Scan# 831
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 62 Resp: 28885
Ion Ratio Lower Upper
62 100
98 9.9 8.1 12.1





#37

Trichloroethene

Concen: 4.95 ug/l

RT: 7.183 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VX019756.D

Acq: 08 Dec 2020 10:21

Tgt Ion:130 Resp: 21942

Ion Ratio Lower Upper

130 100

95 100.9 80.2 120.4

Instrument :

MSVOA_X

ClientSampleId :

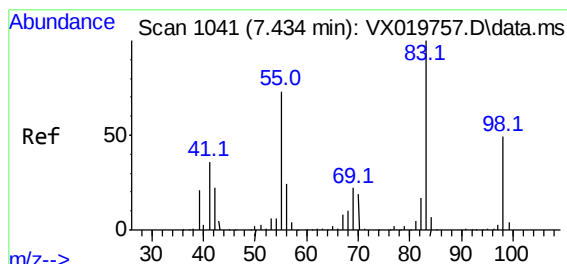
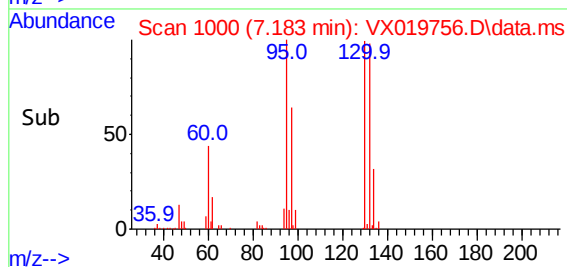
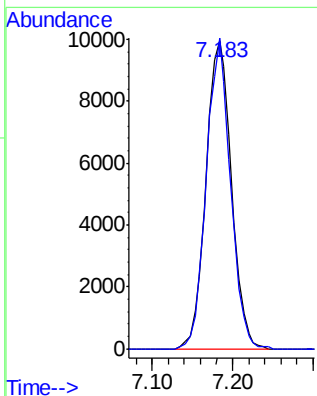
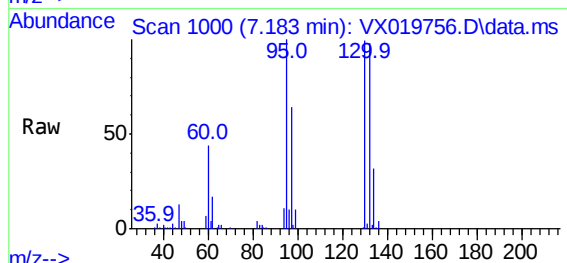
VSTDIC005

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#38

Methylcyclohexane

Concen: 4.81 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX019756.D

Acq: 08 Dec 2020 10:21

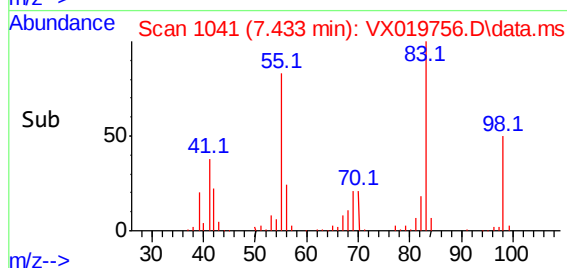
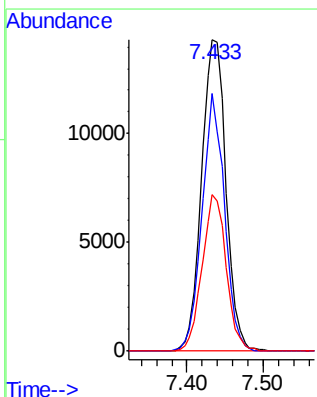
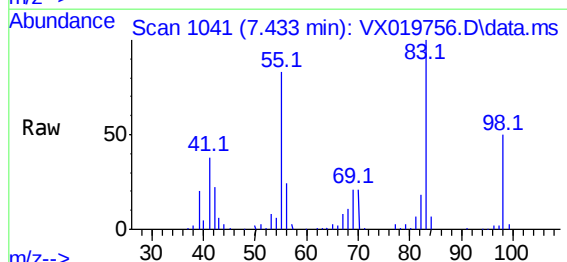
Tgt Ion: 83 Resp: 31591

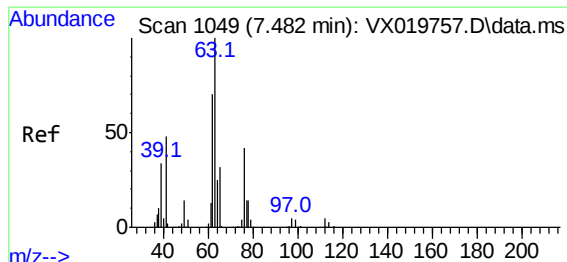
Ion Ratio Lower Upper

83 100

55 76.2 37.4 112.1

98 49.3 24.7 74.1





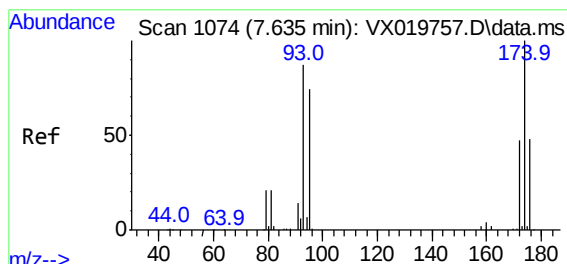
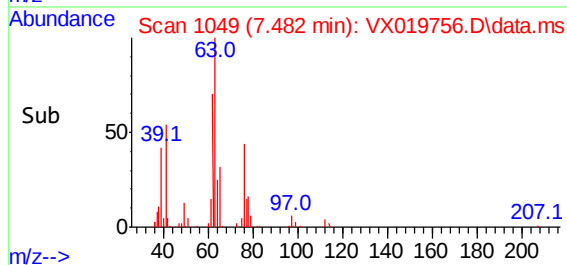
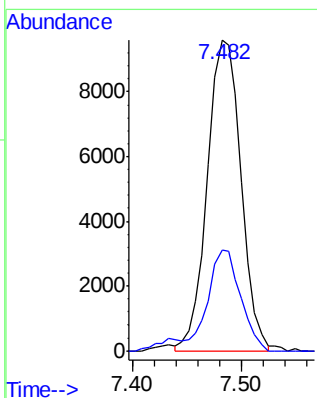
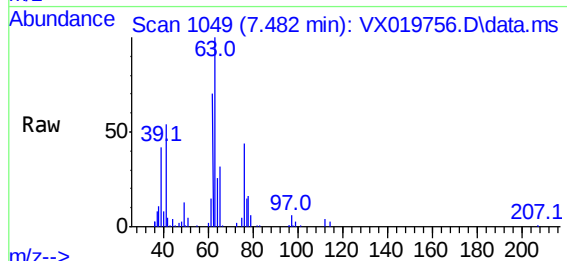
#39
1,2-Dichloropropane
Concen: 4.85 ug/l
RT: 7.482 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 63 Resp: 20602
Ion Ratio Lower Upper
63 100
65 32.8 25.6 38.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

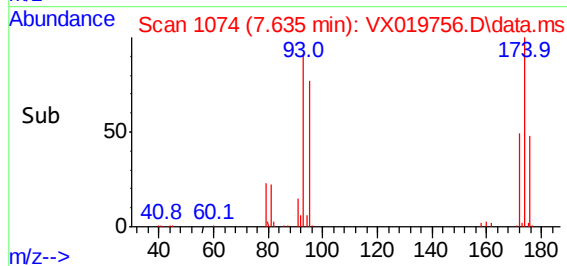
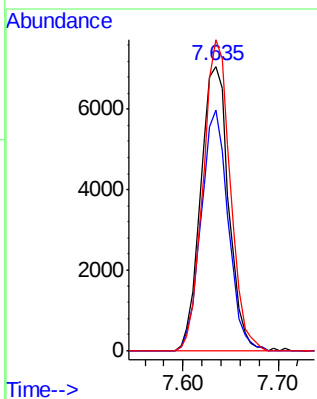
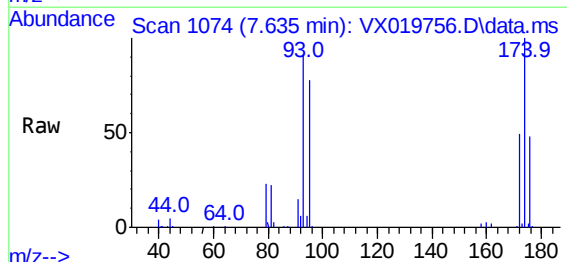
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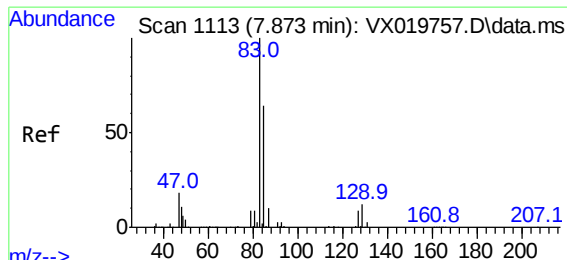
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#40
Dibromomethane
Concen: 4.89 ug/l
RT: 7.635 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 93 Resp: 14207
Ion Ratio Lower Upper
93 100
95 81.8 0.0 167.4
174 106.0 0.0 211.8





#41

Bromodichloromethane

Concen: 4.61 ug/l

RT: 7.872 min Scan# 1113

Delta R.T. -0.000 min

Lab File: VX019756.D

Acq: 08 Dec 2020 10:21

Tgt Ion: 83 Resp: 26639

Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.4	77.0
127	8.3	7.1	10.7

Instrument :

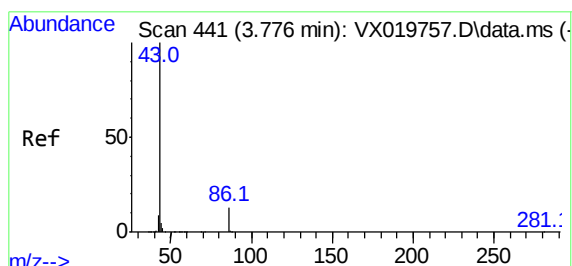
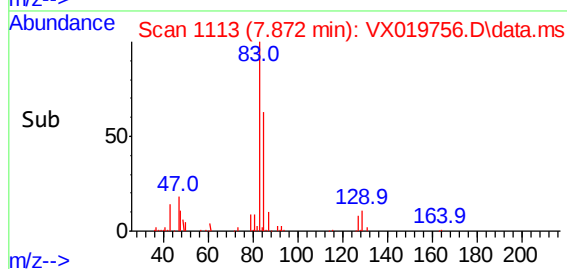
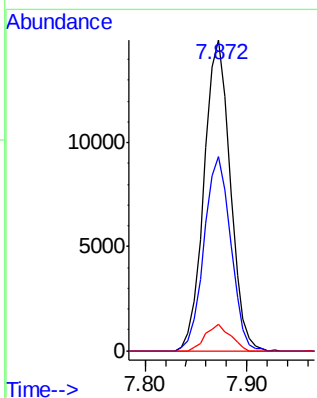
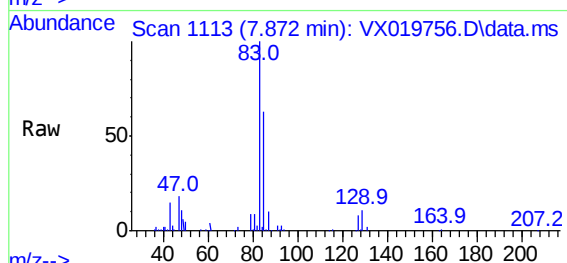
MSVOA_X

ClientSampleId :

VSTDIC005

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#42

Vinyl Acetate

Concen: 23.41 ug/l

RT: 3.782 min Scan# 442

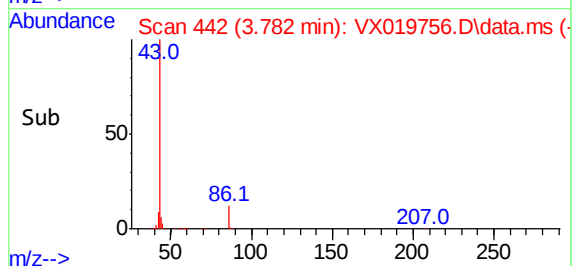
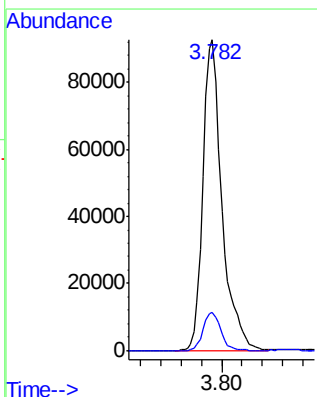
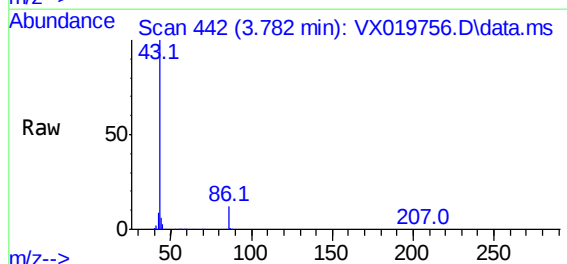
Delta R.T. 0.006 min

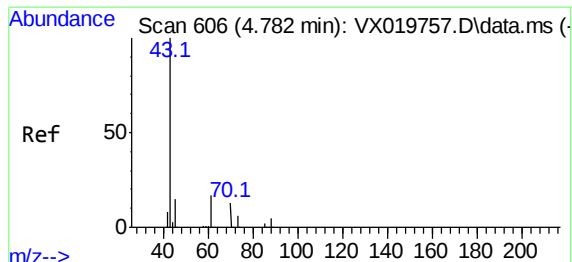
Lab File: VX019756.D

Acq: 08 Dec 2020 10:21

Tgt Ion: 43 Resp: 240057

Ion	Ratio	Lower	Upper
43	100		
86	11.2	9.0	13.4





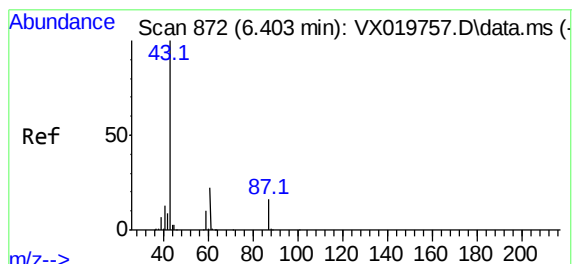
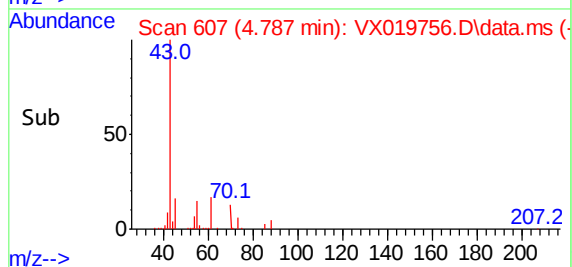
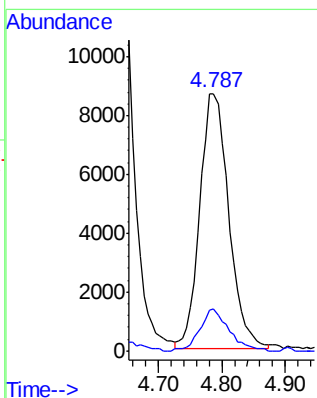
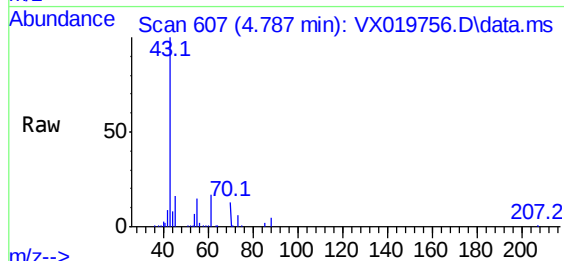
#43
Ethyl Acetate
Concen: 4.83 ug/l
RT: 4.787 min Scan# 607
Delta R.T. 0.006 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 43 Resp: 26782
Ion Ratio Lower Upper
43 100
45 14.9 12.2 18.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

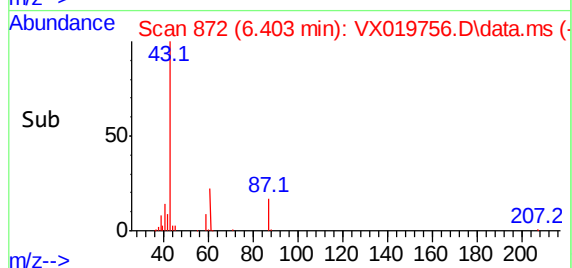
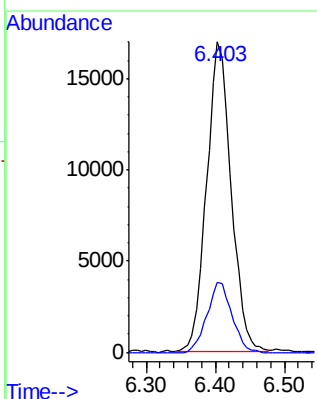
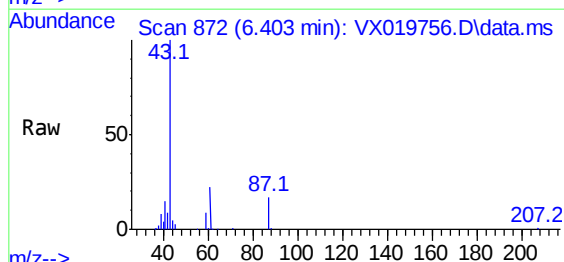
Manual Integrations
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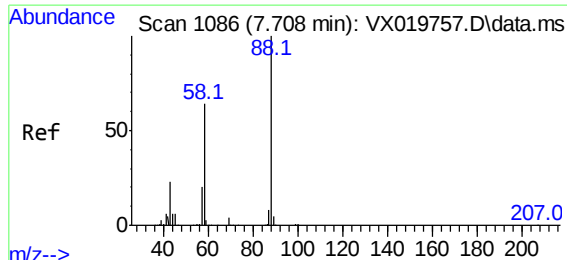
MMDadoda
12/10/2020 10:17:47 AM



#44
Isopropyl Acetate
Concen: 4.62 ug/l
RT: 6.403 min Scan# 872
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

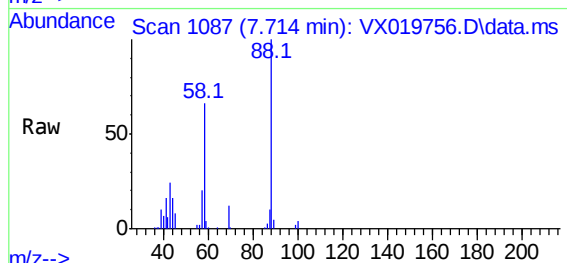
Tgt Ion: 43 Resp: 41720
Ion Ratio Lower Upper
43 100
61 22.8 18.1 27.1





#45
1,4-Dioxane
Concen: 94.07 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

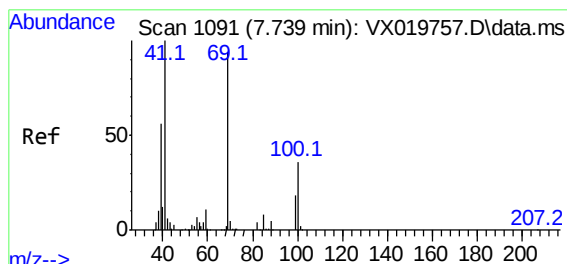
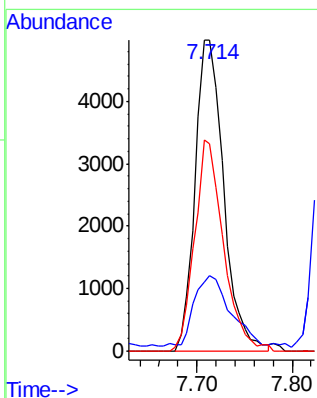
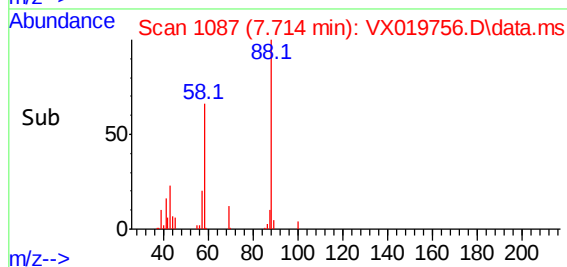


Tgt Ion: 88 Resp: 10280

Ion	Ratio	Lower	Upper
88	100		
43	27.5	22.2	33.2
58	67.9	53.9	80.9

Manual Integrations
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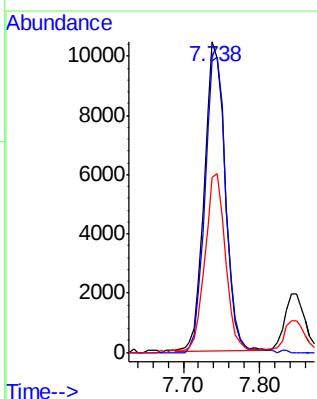
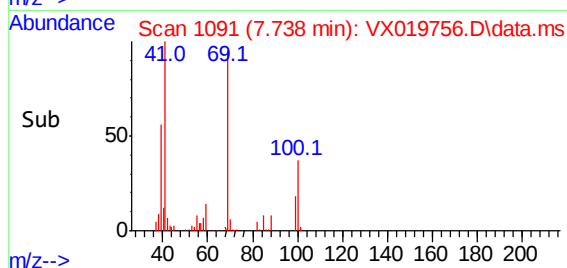
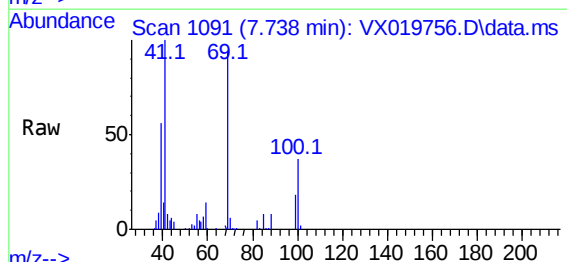
MMDadoda
12/10/2020 10:17:47 AM

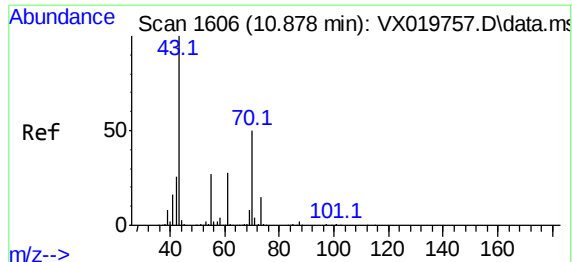


#46
Methyl methacrylate
Concen: 4.44 ug/l
RT: 7.738 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 41 Resp: 19756

Ion	Ratio	Lower	Upper
41	100		
69	94.4	46.9	140.6
39	55.9	28.0	83.9





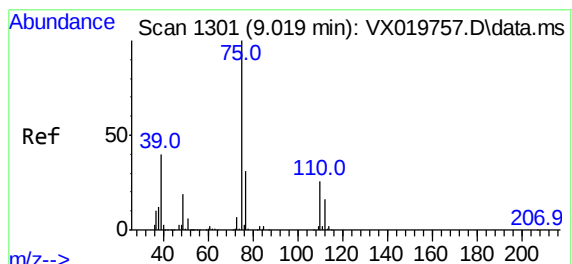
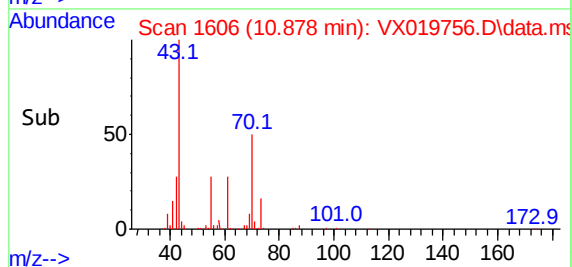
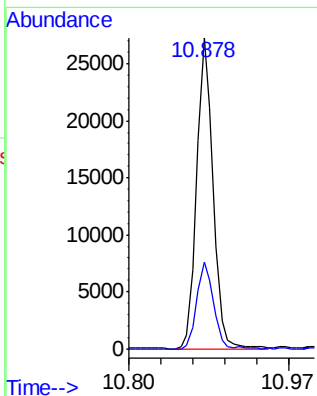
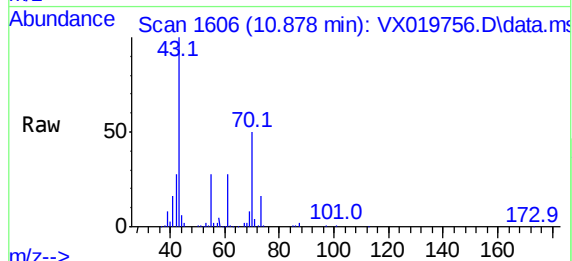
#47
n-amy1 Acetate
Concen: 4.19 ug/l
RT: 10.878 min Scan# 1606
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 43 Resp: 32416
Ion Ratio Lower Upper
43 100
55 28.1 21.8 32.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

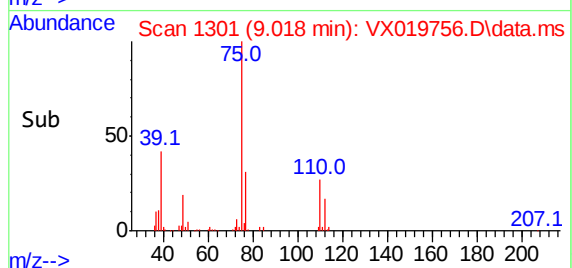
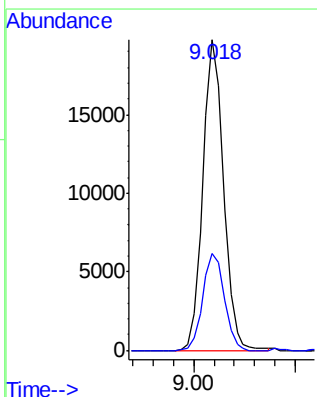
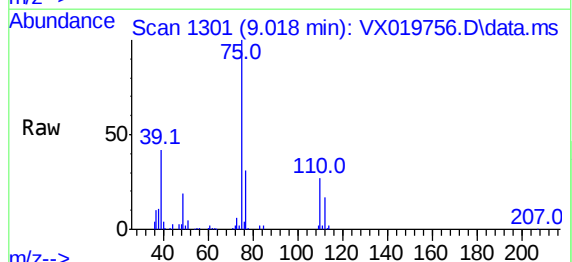
Manual Integrations
APPROVED

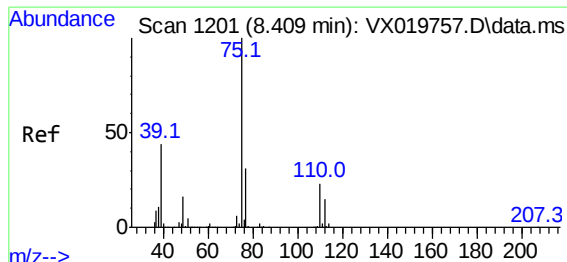
MMDadoda
12/10/2020 10:17:47 AM



#48
t-1,3-Dichloropropene
Concen: 4.35 ug/l
RT: 9.018 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 75 Resp: 27965
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.6





#49
cis-1,3-Dichloropropene
Concen: 4.56 ug/l
RT: 8.409 min Scan# 1201
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

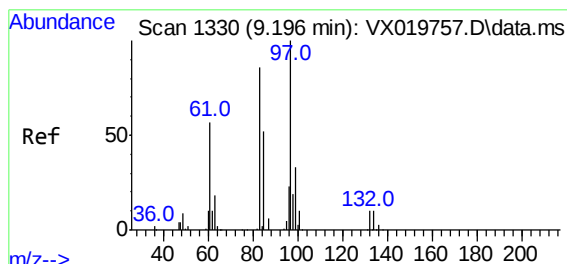
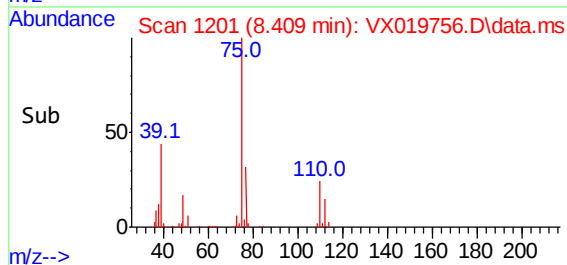
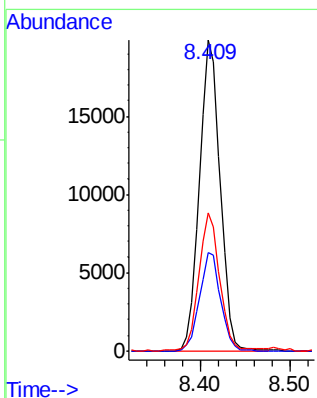
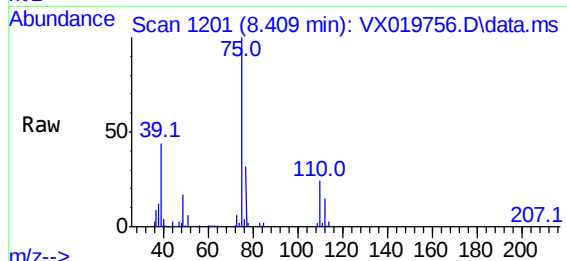
Tgt Ion: 75 Resp: 32039

Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.4	36.6
39	44.0	35.4	53.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

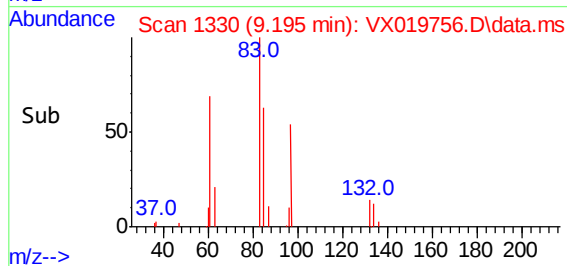
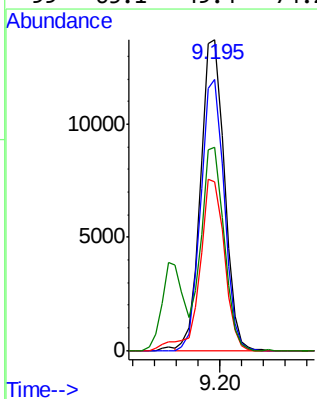
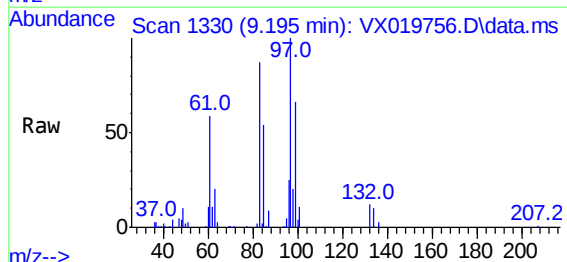
MMDadoda
12/10/2020 10:17:47 AM

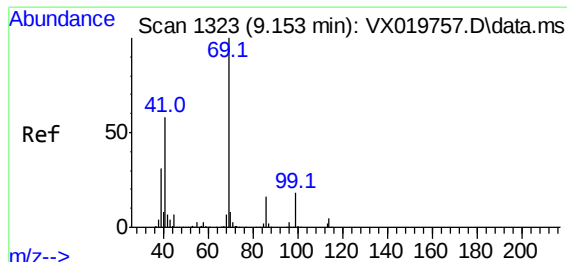


#50
1,1,2-Trichloroethane
Concen: 4.79 ug/l
RT: 9.195 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 97 Resp: 20737

Ion	Ratio	Lower	Upper
97	100		
83	87.4	68.5	102.7
85	54.2	43.8	65.6
99	65.1	49.4	74.2





#51
Ethyl methacrylate
Concen: 4.35 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

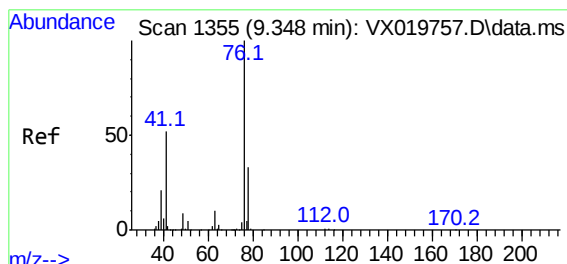
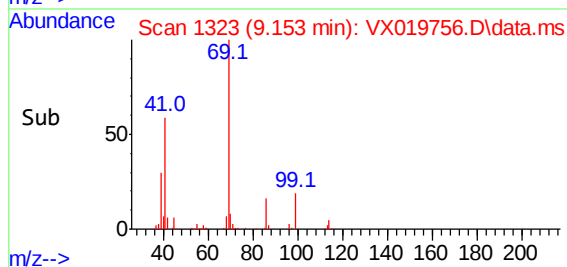
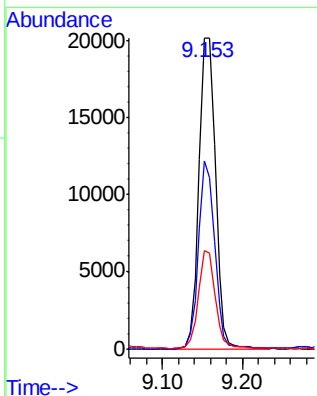
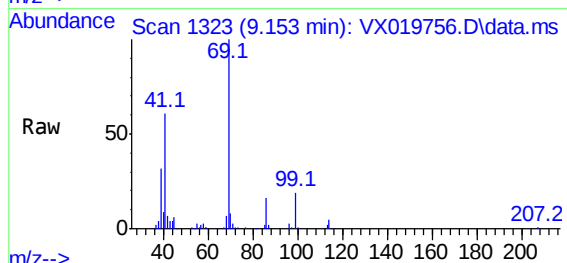
Tgt Ion: 69 Resp: 28960

Ion	Ratio	Lower	Upper
69	100		
41	60.6	29.1	87.4
39	31.3	15.4	46.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Manual Integrations
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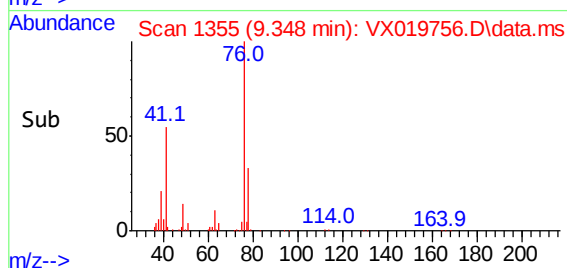
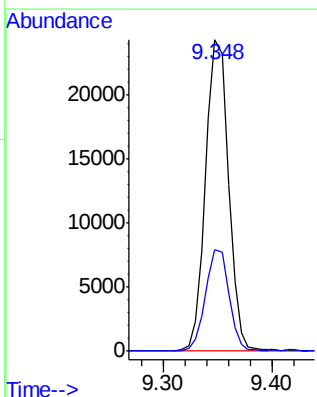
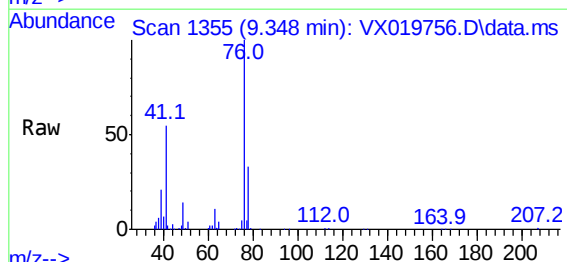
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12/10/2020 10:17:47 AM

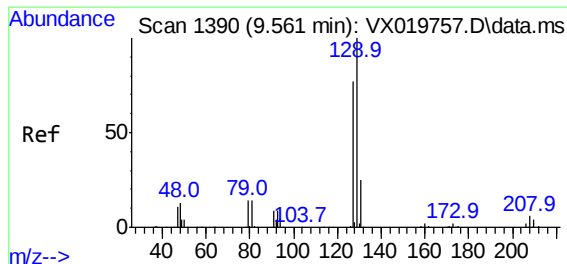


#52
1,3-Dichloropropane
Concen: 4.85 ug/l
RT: 9.348 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 76 Resp: 35393

Ion	Ratio	Lower	Upper
76	100		
78	33.1	0.0	66.0





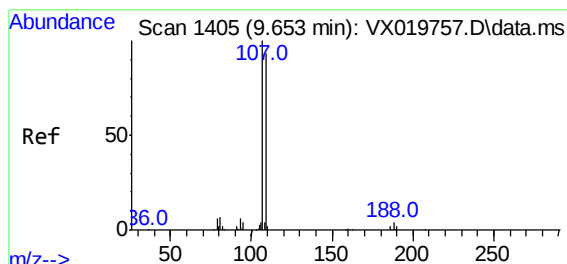
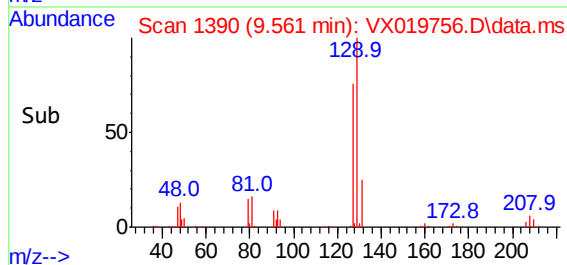
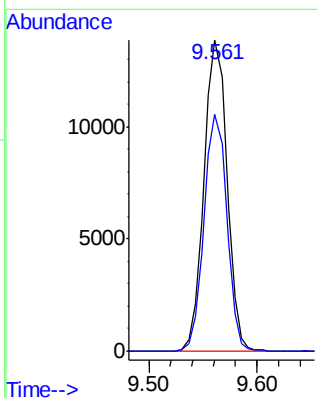
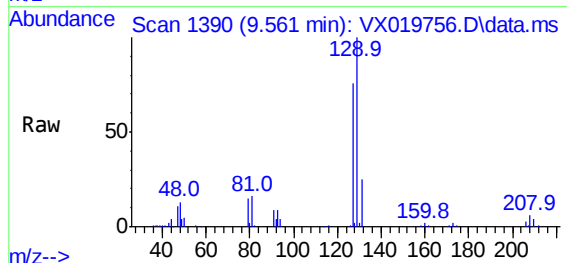
#53
 Dibromochloromethane
 Concen: 4.44 ug/l
 RT: 9.561 min Scan# 1390
 Delta R.T. -0.000 min
 Lab File: VX019756.D
 Acq: 08 Dec 2020 10:21

Tgt Ion:129 Resp: 20287
 Ion Ratio Lower Upper
 129 100
 127 75.3 38.4 115.2

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

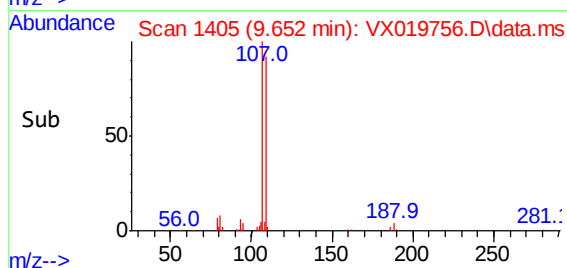
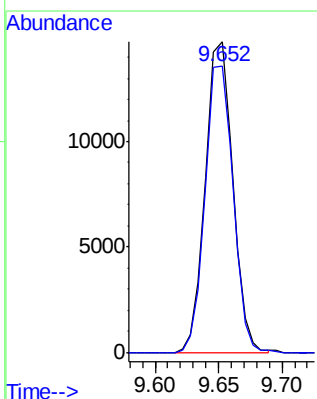
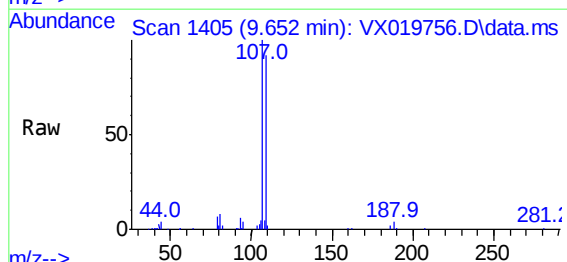
Manual Integrations
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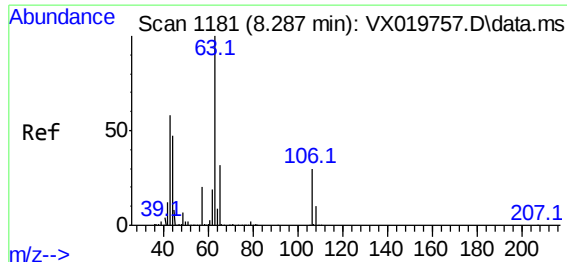
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#54
 1,2-Dibromoethane
 Concen: 4.71 ug/l
 RT: 9.652 min Scan# 1405
 Delta R.T. -0.000 min
 Lab File: VX019756.D
 Acq: 08 Dec 2020 10:21

Tgt Ion:107 Resp: 21608
 Ion Ratio Lower Upper
 107 100
 109 94.1 73.6 110.4





#55
2-Chloroethyl vinyl ether
Concen: 22.21 ug/l
RT: 8.287 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

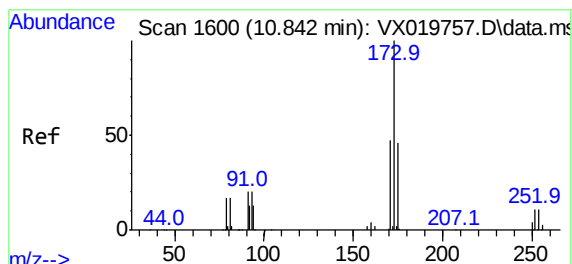
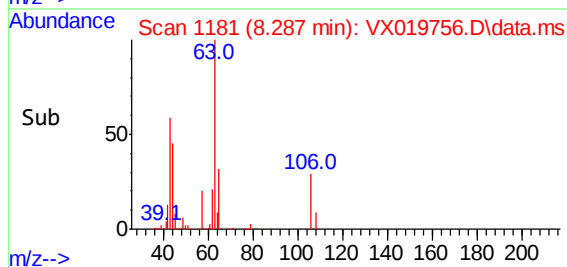
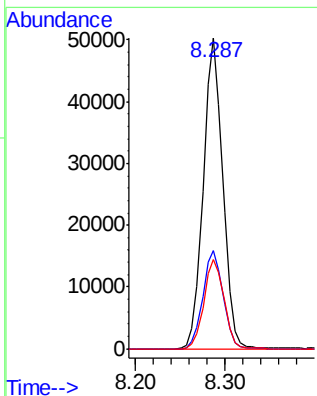
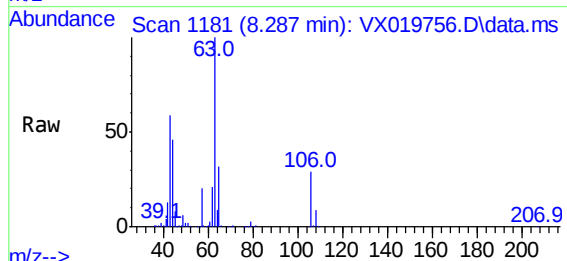
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 76407

Ion	Ratio	Lower	Upper
63	100		
65	32.6	25.9	38.9
106	29.2	23.9	35.9

Manual Integrations
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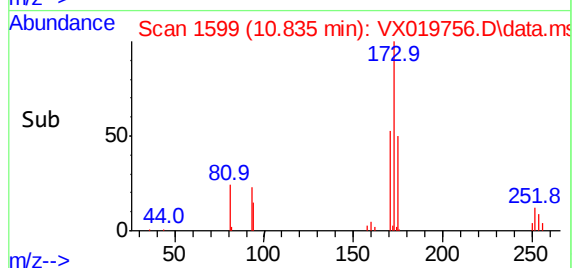
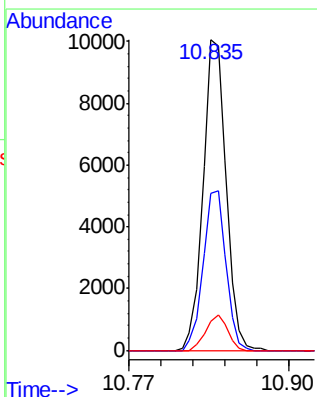
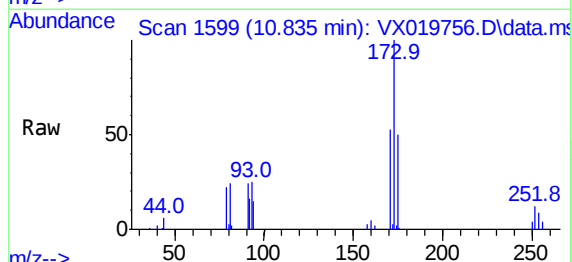
MMDadoda
12/10/2020 10:17:47 AM

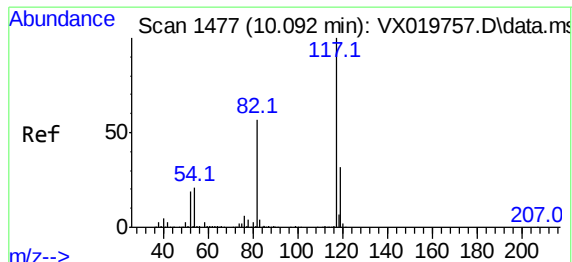


#56
Bromoform
Concen: 4.06 ug/l
RT: 10.835 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 173 Resp: 13806

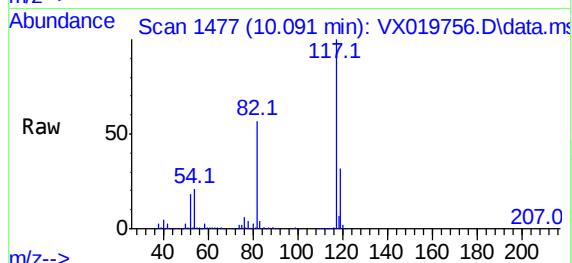
Ion	Ratio	Lower	Upper
173	100		
175	50.7	38.1	57.1
254	10.9	8.2	12.4





#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.091 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

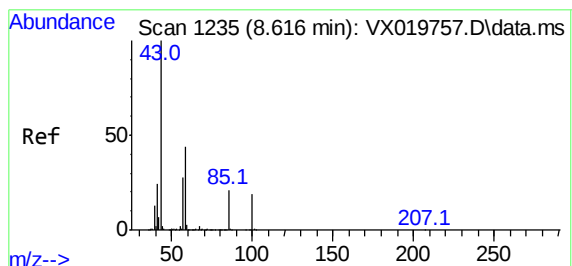
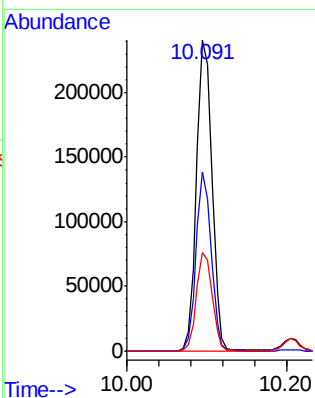
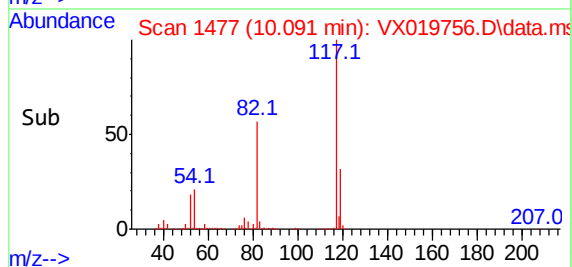
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 323460
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.6
119 32.0 25.6 38.4

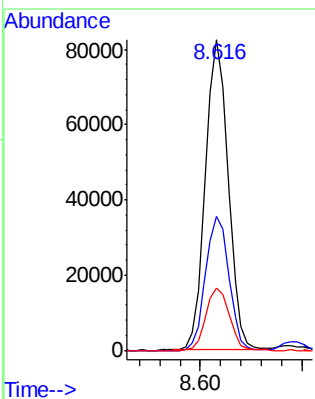
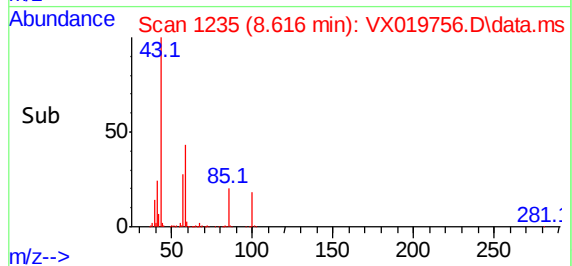
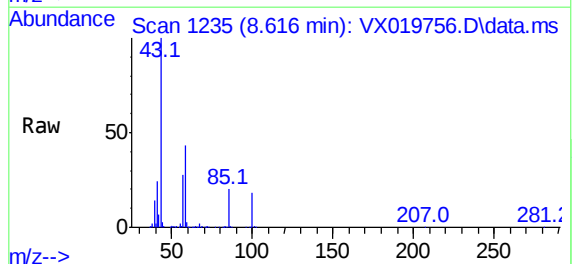
Manual Integrations
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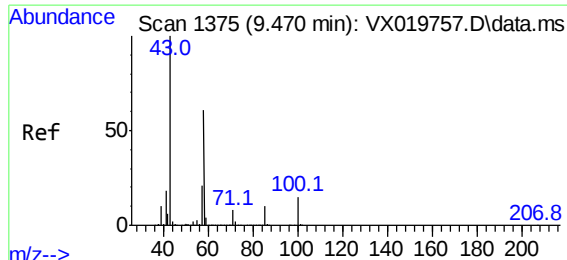
MMDadoda
12/10/2020 10:17:47 AM



#58
4-Methyl-2-Pentanone
Concen: 23.20 ug/l
RT: 8.616 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 43 Resp: 128228
Ion Ratio Lower Upper
43 100
58 44.2 35.2 52.8
85 20.5 16.8 25.2





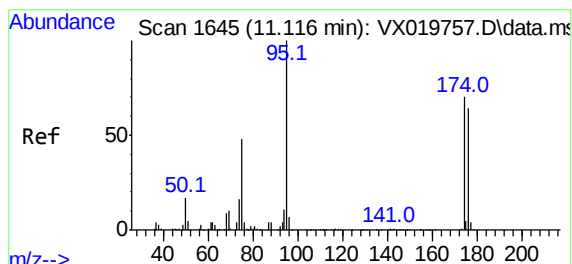
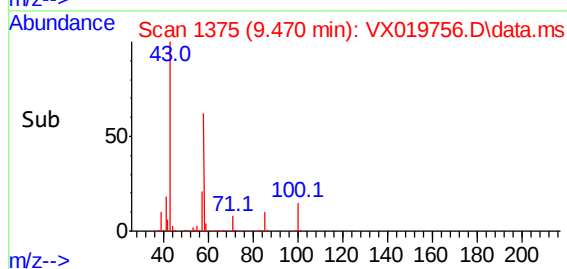
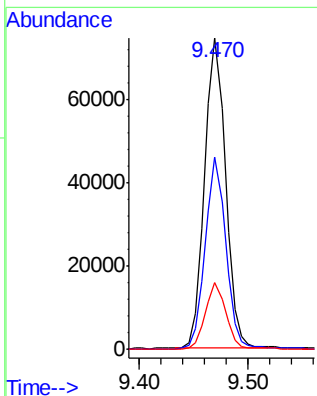
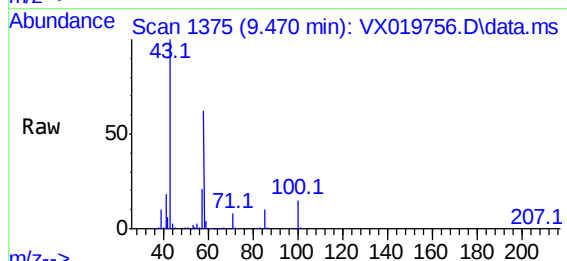
#59
2-Hexanone
Concen: 23.18 ug/l
RT: 9.470 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 99987
Ion Ratio Lower Upper
43 100
58 60.3 49.0 73.6
57 20.8 17.1 25.7

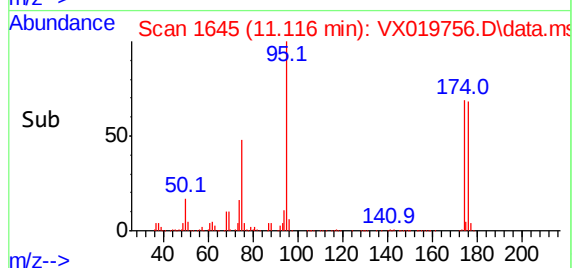
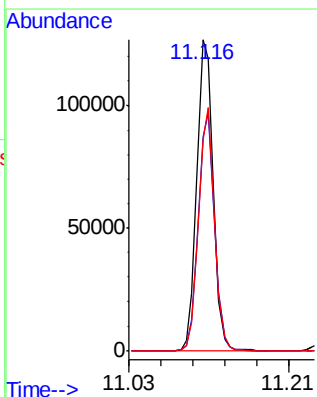
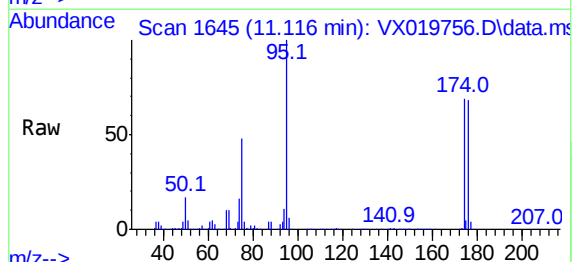
Manual Integrations
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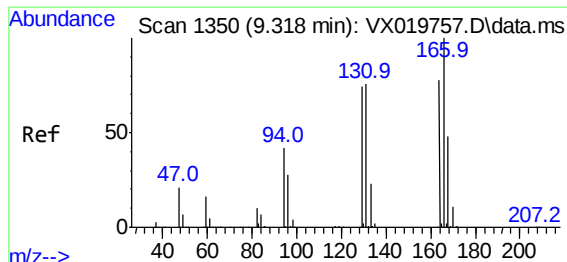
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 29.51 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 95 Resp: 160274
Ion Ratio Lower Upper
95 100
174 76.0 63.0 94.4
176 75.8 59.9 89.9





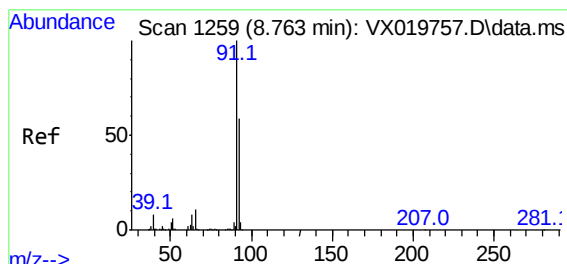
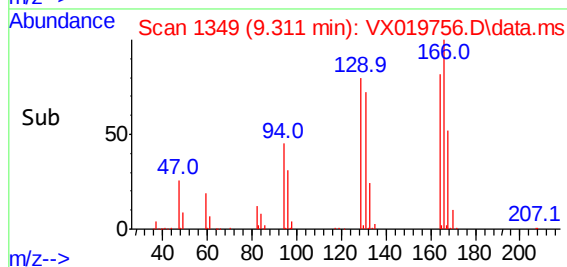
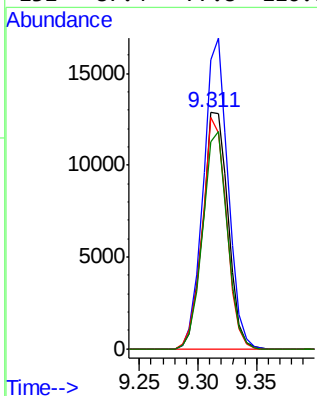
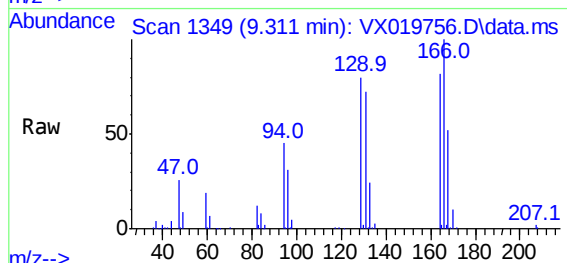
#61
Tetrachloroethene
Concen: 5.09 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:164 Resp: 19414
Ion Ratio Lower Upper
164 100
166 122.2 102.8 154.2
129 98.0 75.8 113.8
131 87.4 77.8 116.6

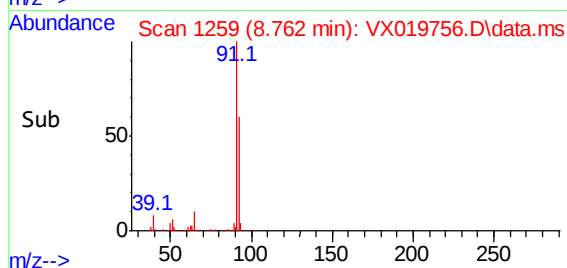
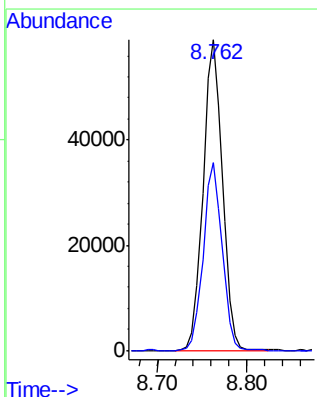
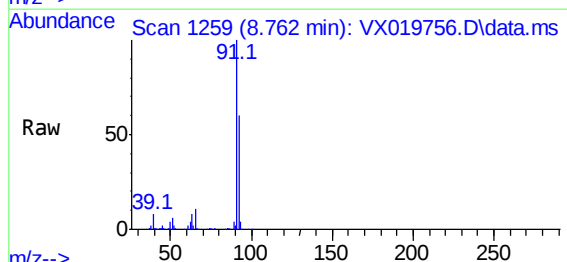
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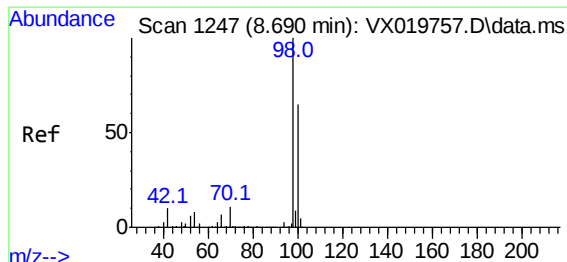
MMDadoda
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#62
Toluene
Concen: 4.96 ug/l
RT: 8.762 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 91 Resp: 88569
Ion Ratio Lower Upper
91 100
92 59.0 47.2 70.8



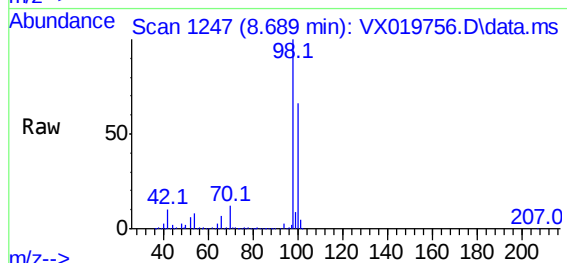


#63
Toluene-d8
Concen: 30.53 ug/l
RT: 8.689 min Scan# 1247
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

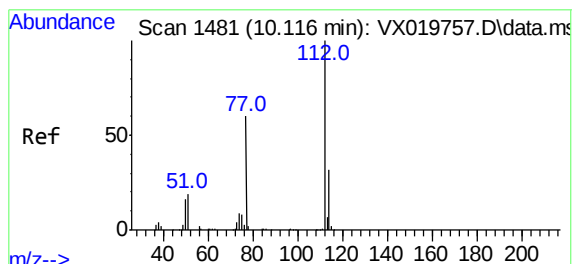
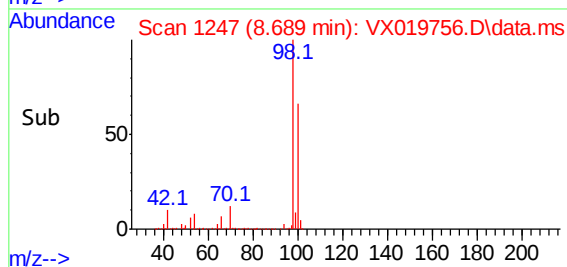
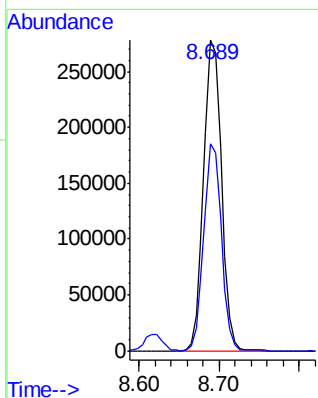
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Manual Integrations
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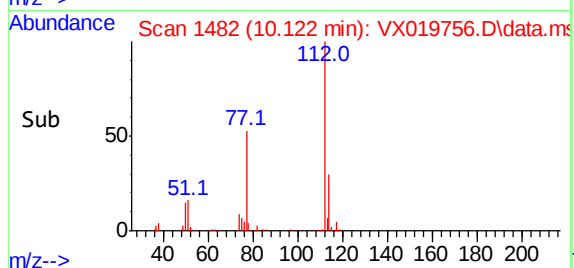
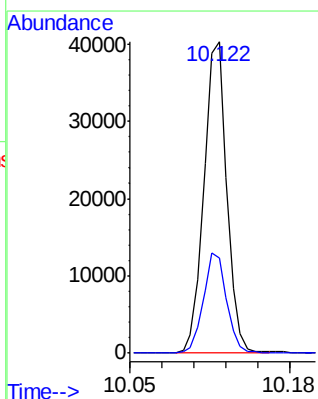
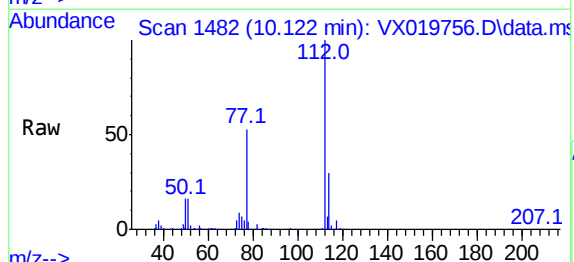


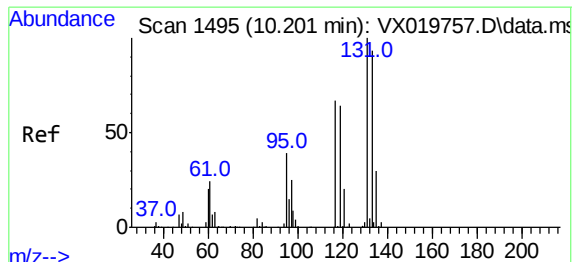
Tgt Ion: 98 Resp: 432579
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4



#64
Chlorobenzene
Concen: 4.91 ug/l
RT: 10.122 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

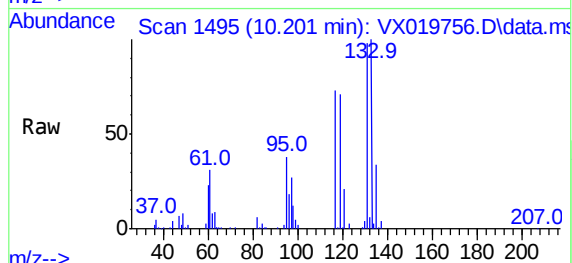
Tgt Ion: 112 Resp: 54956
Ion Ratio Lower Upper
112 100
114 30.5 25.7 38.5





#65
1,1,1,2-Tetrachloroethane
Concen: 4.61 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

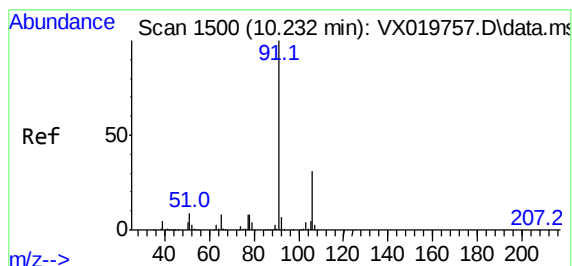
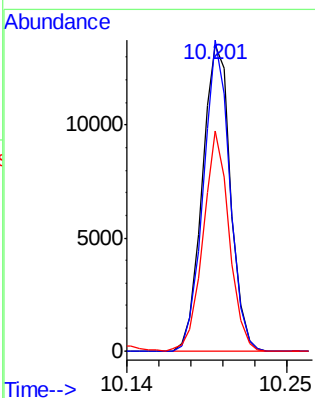
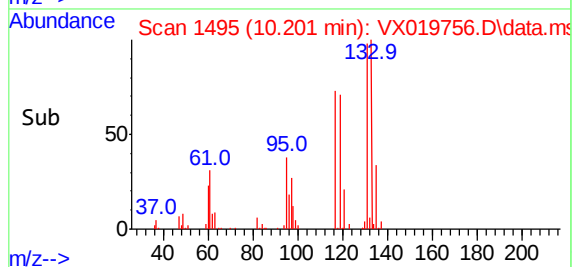
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:131 Resp: 19153
Ion Ratio Lower Upper
131 100
133 94.7 0.0 189.6
119 66.0 0.0 129.0

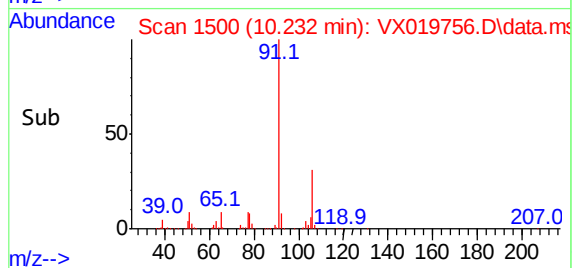
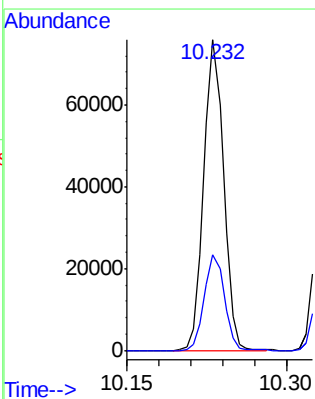
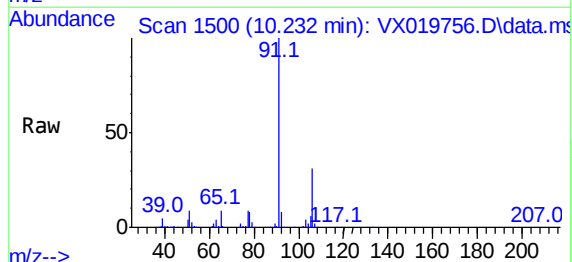
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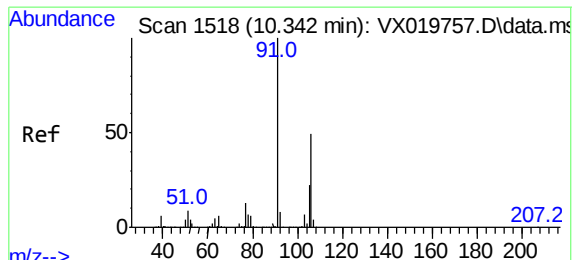
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#66
Ethyl Benzene
Concen: 4.75 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

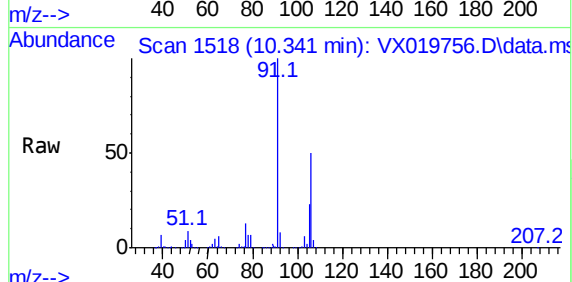
Tgt Ion: 91 Resp: 95381
Ion Ratio Lower Upper
91 100
106 30.8 25.0 37.4





#67
m/p-Xylenes
Concen: 9.47 ug/l
RT: 10.341 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

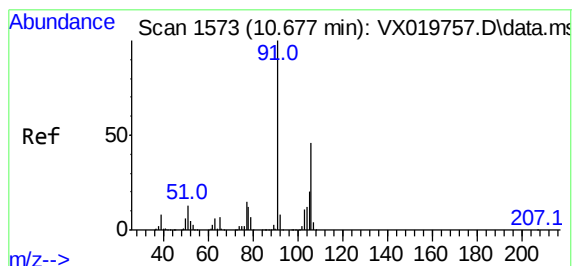
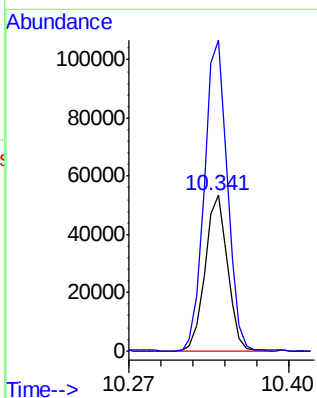
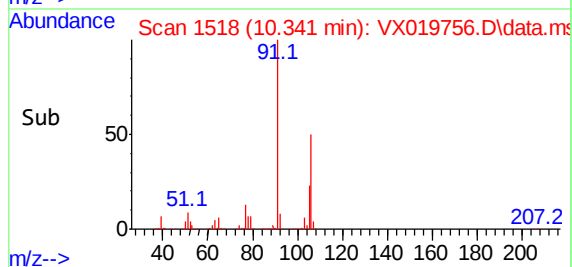
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



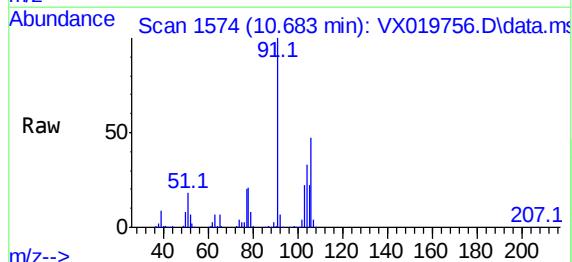
Tgt Ion:106 Resp: 71757
Ion Ratio Lower Upper
106 100
91 204.7 164.0 246.0

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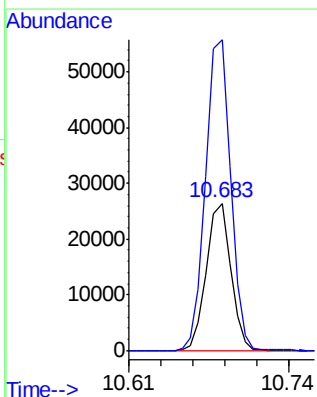
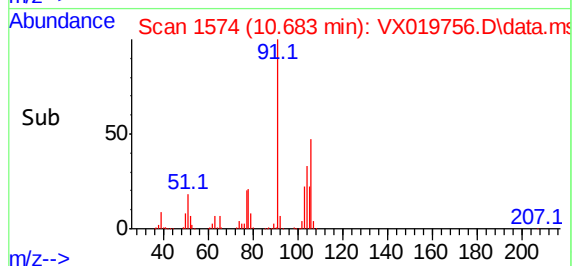
MMDadoda
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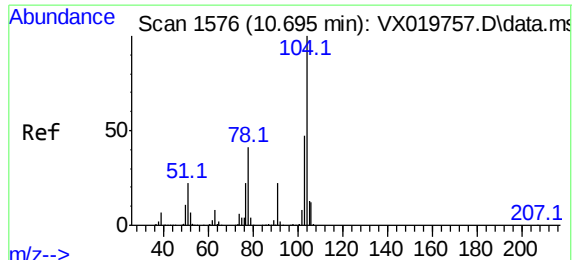


#68
o-Xylene
Concen: 4.67 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. 0.006 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21



Tgt Ion:106 Resp: 34325
Ion Ratio Lower Upper
106 100
91 216.5 106.5 319.6





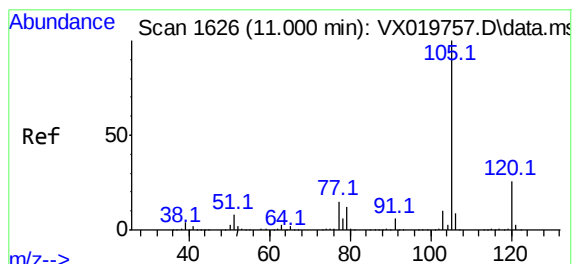
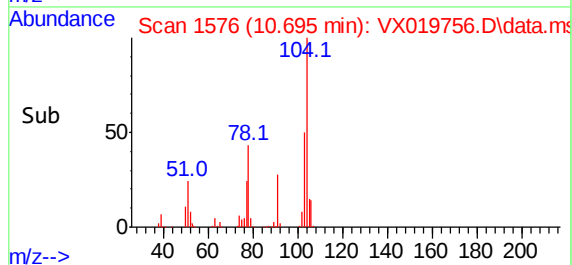
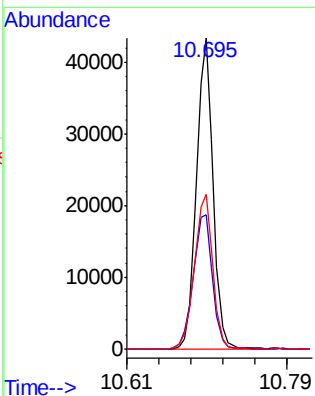
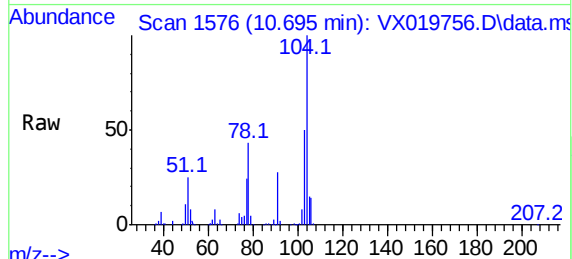
#69
Styrene
Concen: 4.46 ug/l
RT: 10.695 min Scan# 1576
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:104 Resp: 55765
Ion Ratio Lower Upper
104 100
78 49.8 39.2 58.8
103 54.8 43.0 64.4

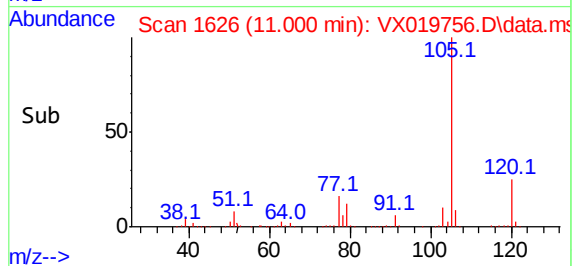
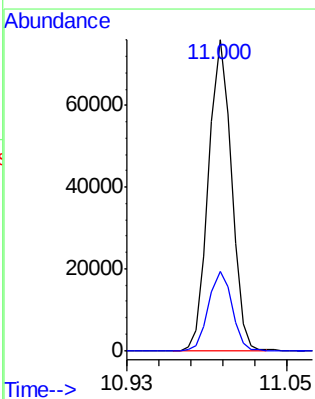
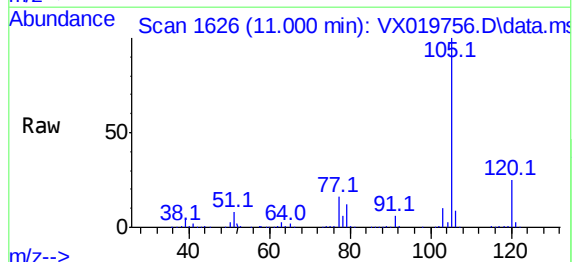
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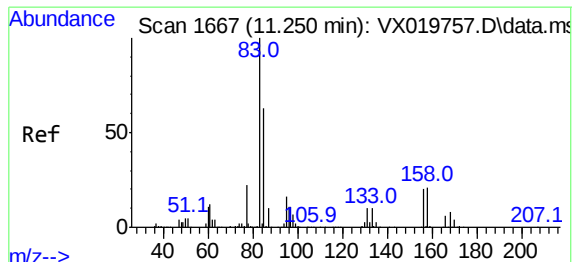
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#70
Isopropylbenzene
Concen: 4.72 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion:105 Resp: 92602
Ion Ratio Lower Upper
105 100
120 26.0 18.4 34.2





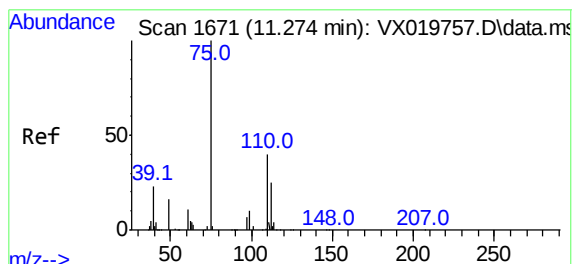
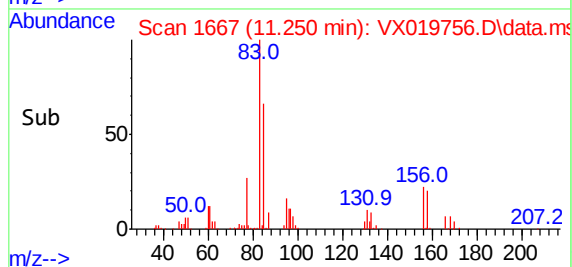
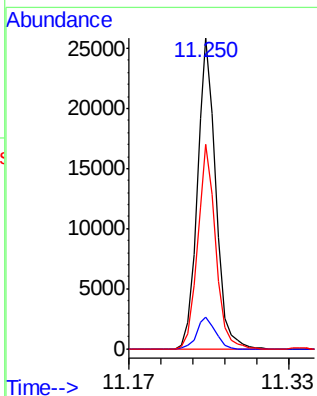
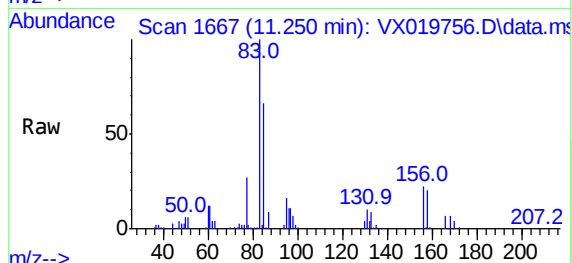
#71
1,1,2,2-Tetrachloroethane
Concen: 4.81 ug/l
RT: 11.250 min Scan# 1667
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Manual Integrations
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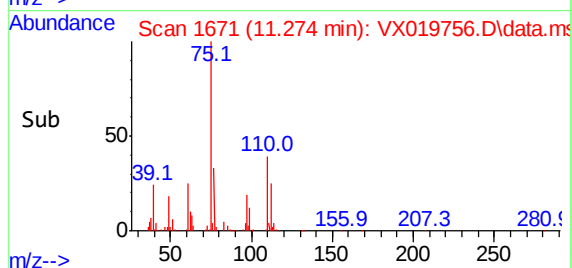
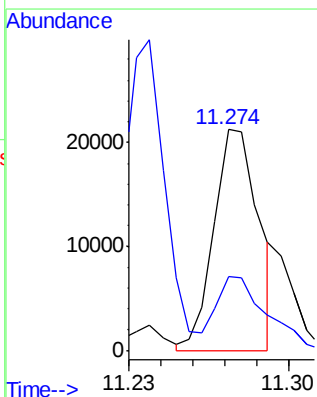
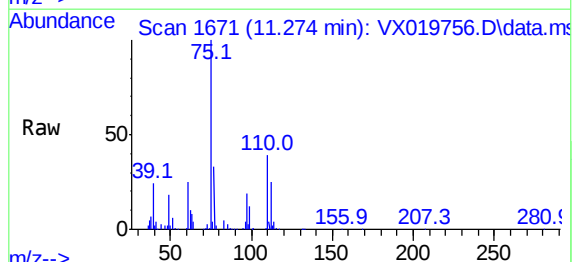
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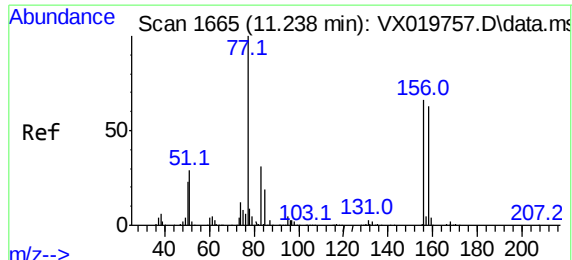
Tgt Ion: 83 Resp: 32649
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.3
85 64.4 32.0 96.0



#72
1,2,3-Trichloropropane
Concen: 4.87 ug/l m
RT: 11.274 min Scan# 1671
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 75 Resp: 30819
Ion Ratio Lower Upper
75 100
77 37.0 0.0 74.6





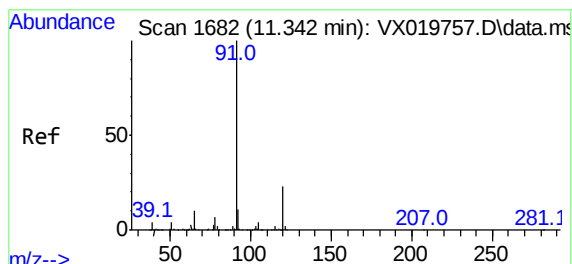
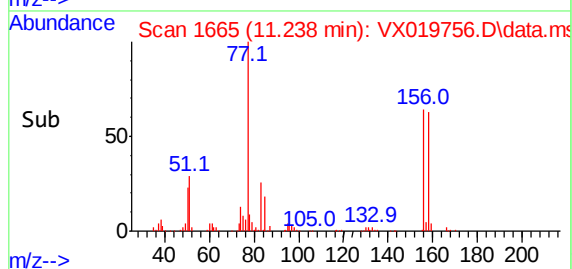
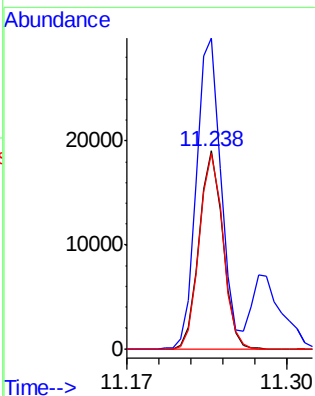
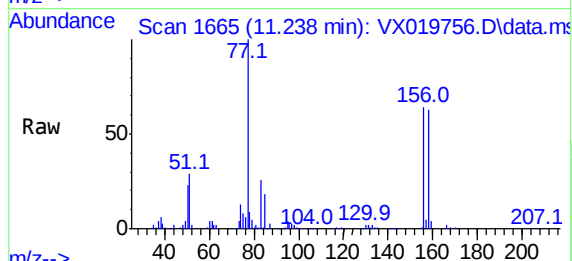
#73
Bromobenzene
Concen: 4.78 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 23855
Ion Ratio Lower Upper
156 100
77 164.0 0.0 324.8
158 98.5 0.0 192.0

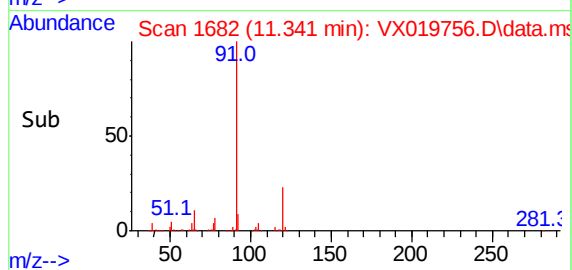
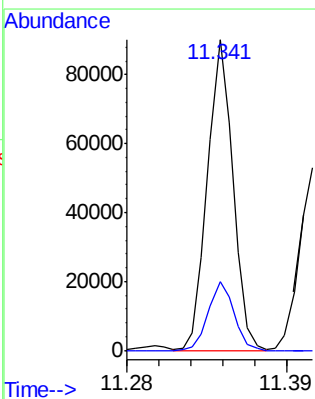
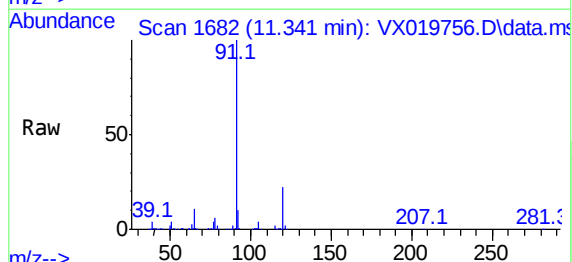
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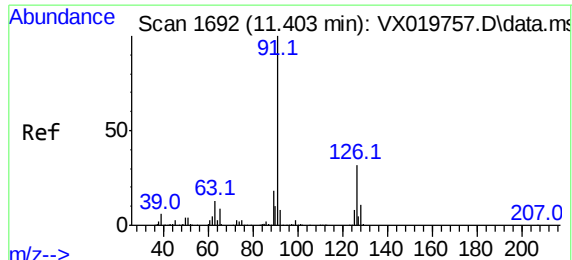
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#74
n-propylbenzene
Concen: 4.62 ug/l
RT: 11.341 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 91 Resp: 104743
Ion Ratio Lower Upper
91 100
120 22.2 0.0 45.8



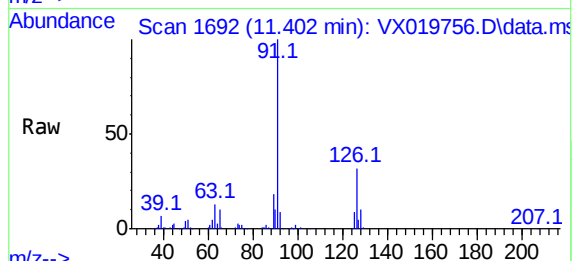


#75
2-Chlorotoluene
Concen: 4.77 ug/l
RT: 11.402 min Scan# 1692
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

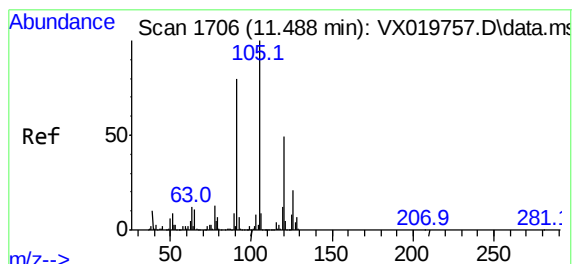
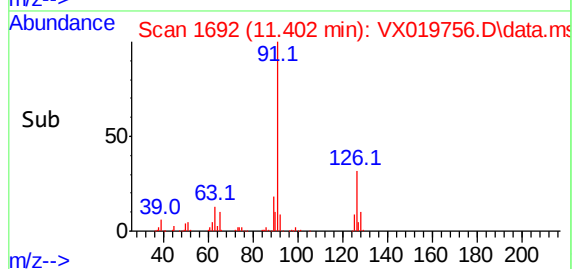
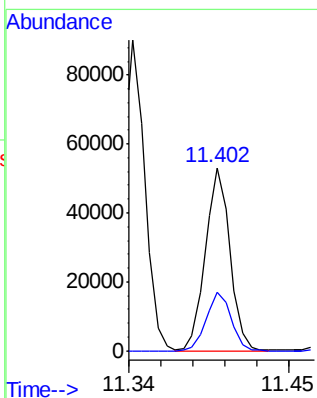
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

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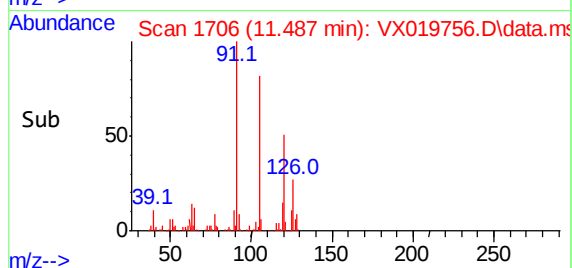
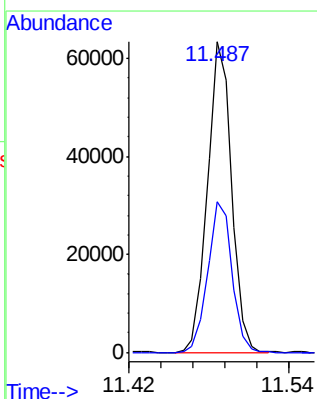
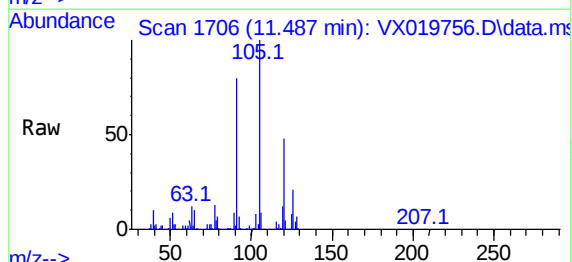


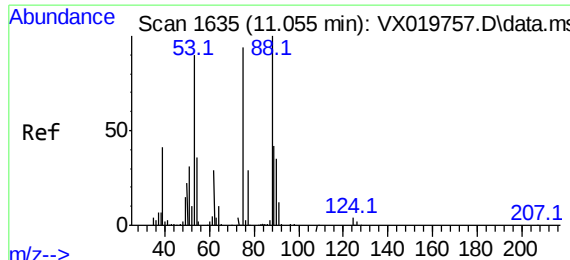
Tgt Ion: 91 Resp: 65674
Ion Ratio Lower Upper
91 100
126 32.6 0.0 66.6



#76
1,3,5-Trimethylbenzene
Concen: 4.63 ug/l
RT: 11.487 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

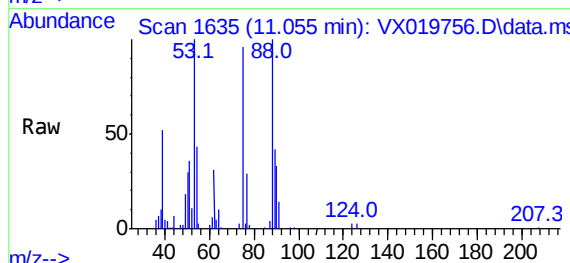
Tgt Ion: 105 Resp: 76875
Ion Ratio Lower Upper
105 100
120 48.6 0.0 96.2





#77
t-1,4-Dichloro-2-butene
Concen: 3.94 ug/l
RT: 11.055 min Scan# 1635
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

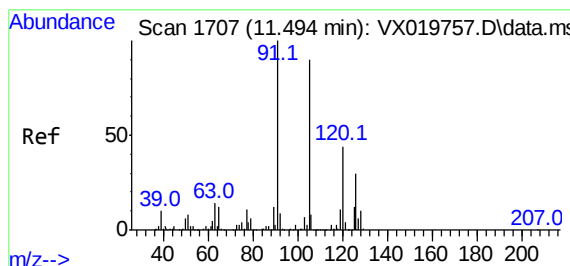
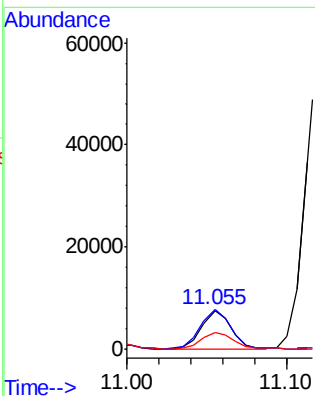
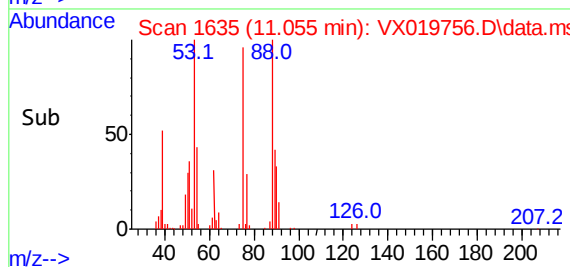
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



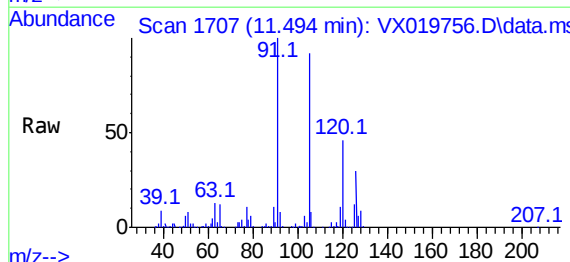
Tgt Ion: 75 Resp: 9005
Ion Ratio Lower Upper
75 100
53 102.4 48.4 145.0
89 43.4 22.7 68.0

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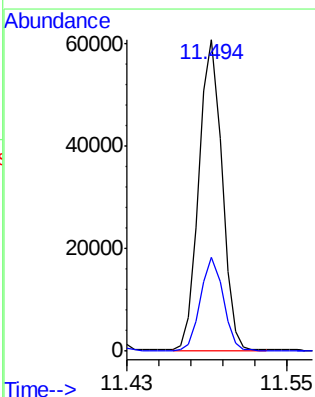
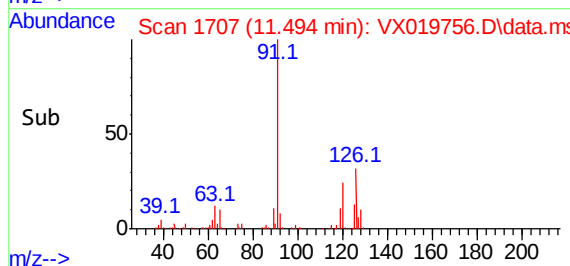
MMDadoda
12/10/2020 10:17:47 AM

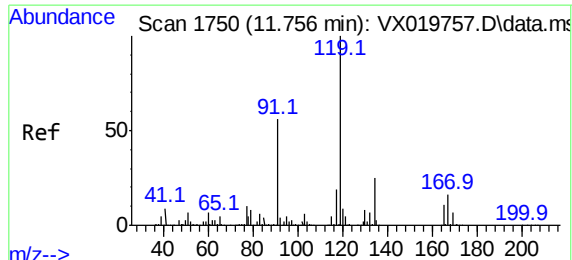


#78
4-Chlorotoluene
Concen: 4.70 ug/l
RT: 11.494 min Scan# 1707
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21



Tgt Ion: 91 Resp: 74811
Ion Ratio Lower Upper
91 100
126 28.9 0.0 57.8





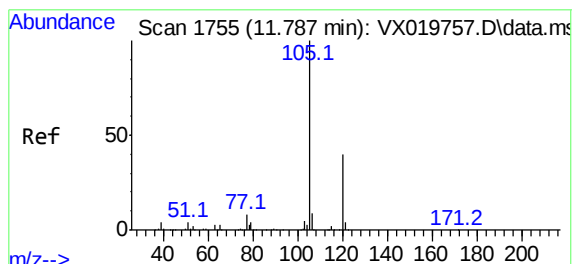
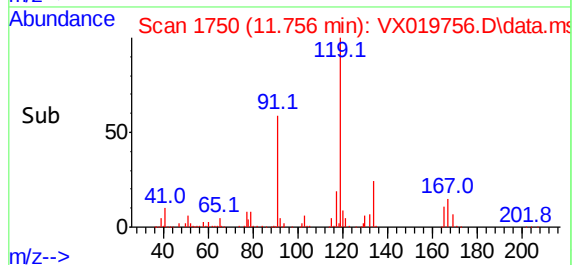
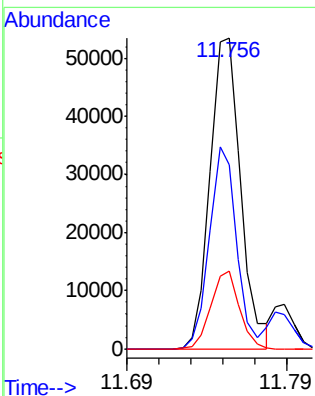
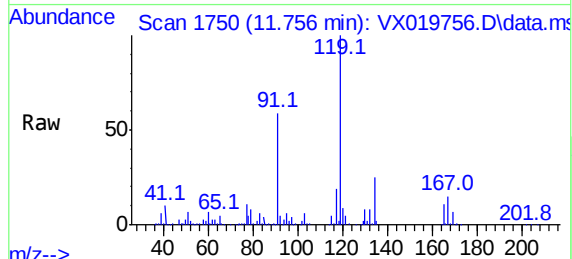
#79
tert-butylbenzene
Concen: 4.60 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 74883
Ion Ratio Lower Upper
119 100
91 57.5 0.0 118.0
134 23.1 0.0 48.0

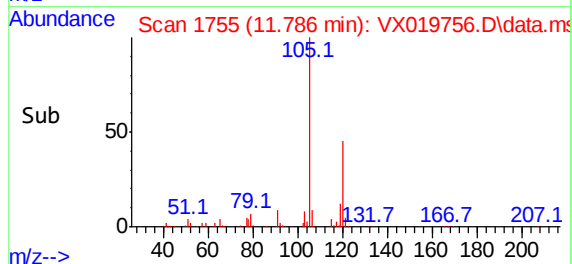
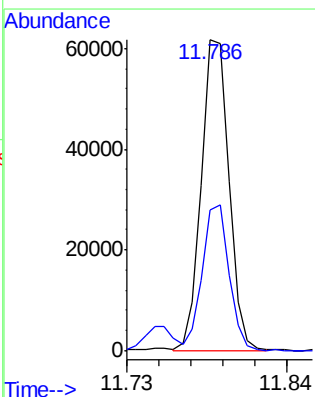
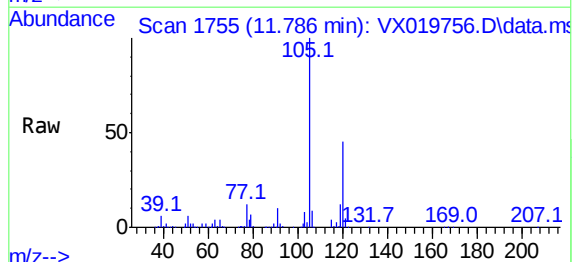
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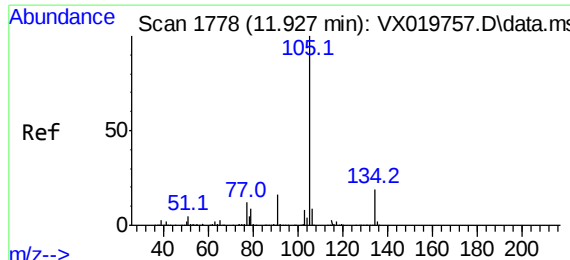
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 4.65 ug/l
RT: 11.786 min Scan# 1755
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion:105 Resp: 77593
Ion Ratio Lower Upper
105 100
120 45.4 0.0 89.8





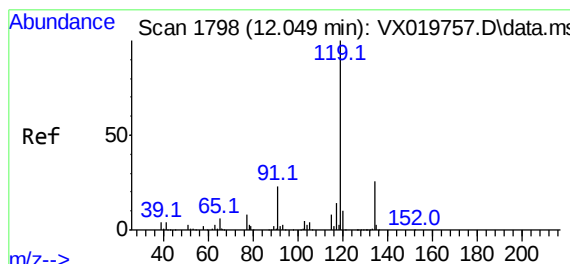
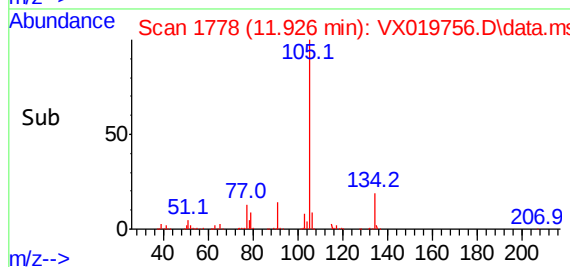
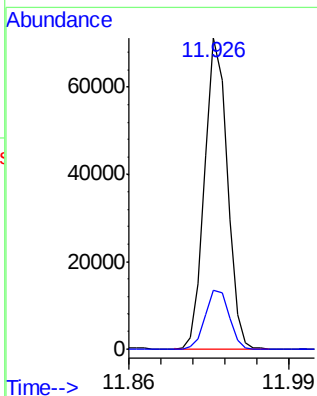
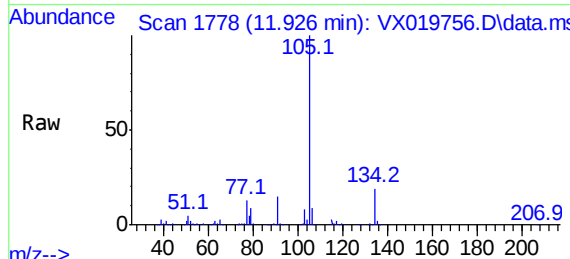
#81
 sec-Butylbenzene
 Concen: 4.55 ug/l
 RT: 11.926 min Scan# 1778
 Delta R.T. -0.000 min
 Lab File: VX019756.D
 Acq: 08 Dec 2020 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 85664
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 39.6

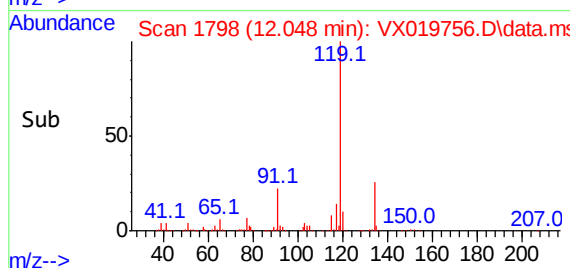
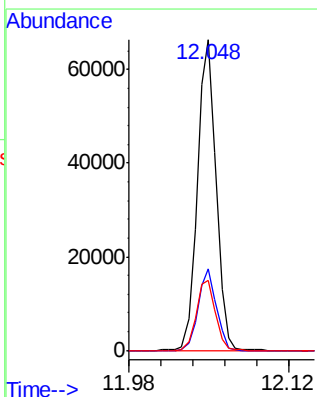
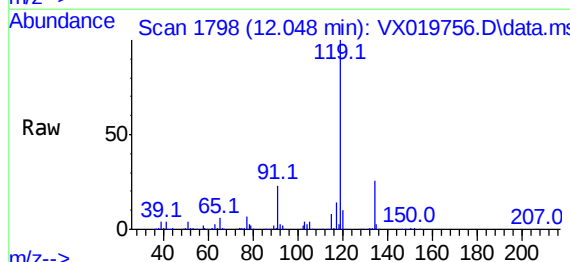
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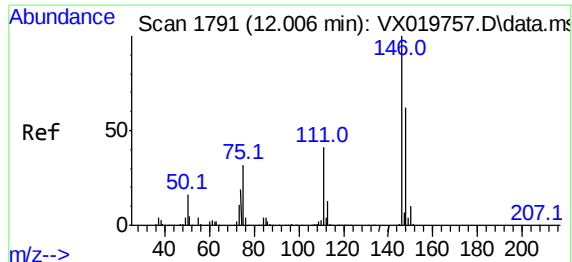
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#82
 p-Isopropyltoluene
 Concen: 4.57 ug/l
 RT: 12.048 min Scan# 1798
 Delta R.T. -0.000 min
 Lab File: VX019756.D
 Acq: 08 Dec 2020 10:21

Tgt Ion:119 Resp: 78879
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 52.8
 91 23.1 0.0 47.4





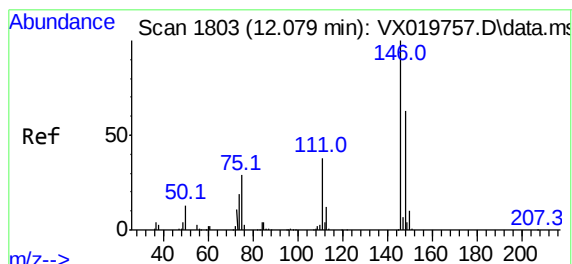
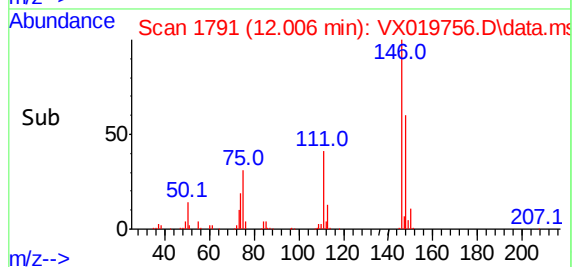
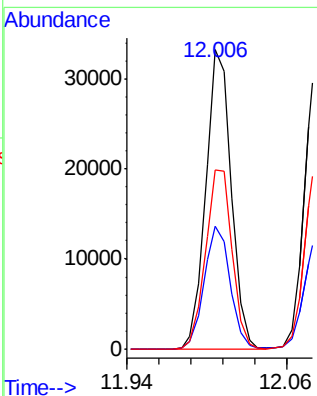
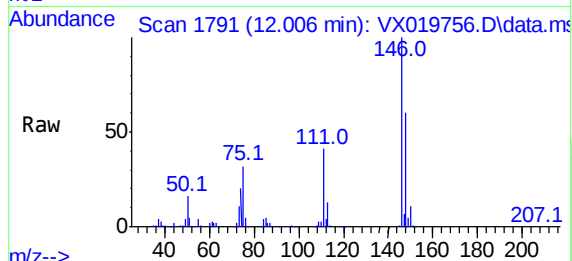
#83
1,3-Dichlorobenzene
Concen: 4.73 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 42517
Ion Ratio Lower Upper
146 100
111 41.6 20.3 60.9
148 62.5 31.9 95.9

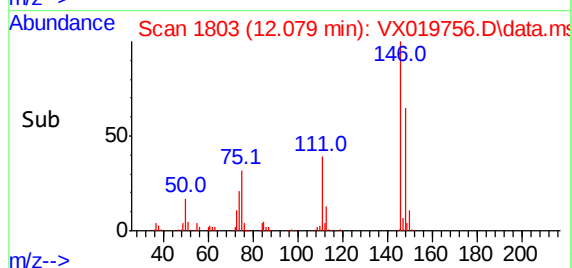
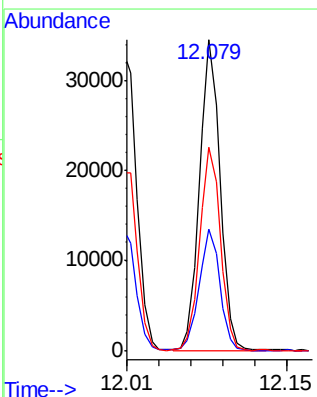
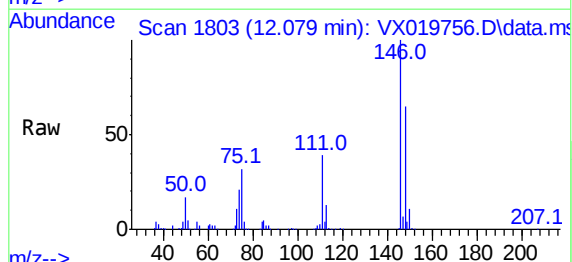
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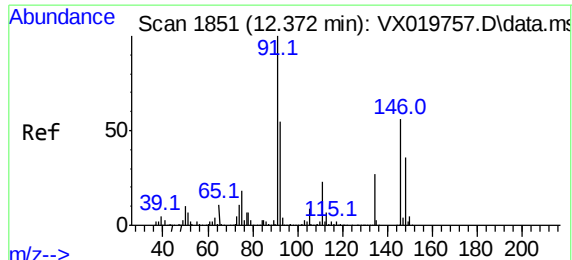
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#84
1,4-Dichlorobenzene
Concen: 4.69 ug/l
RT: 12.079 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion:146 Resp: 42486
Ion Ratio Lower Upper
146 100
111 39.2 19.1 57.3
148 65.6 31.9 95.5





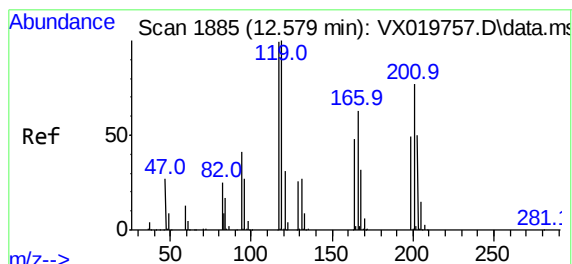
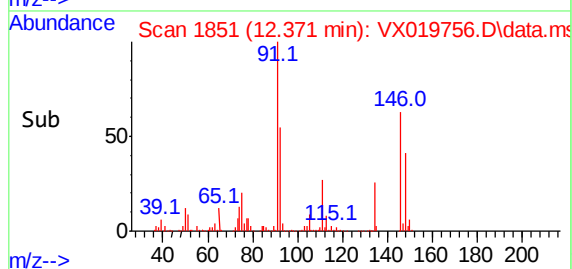
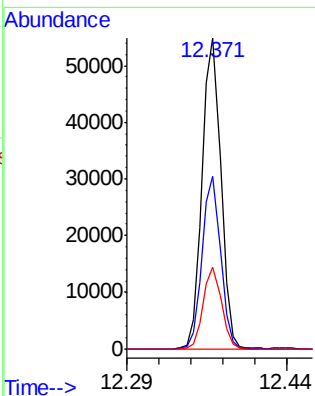
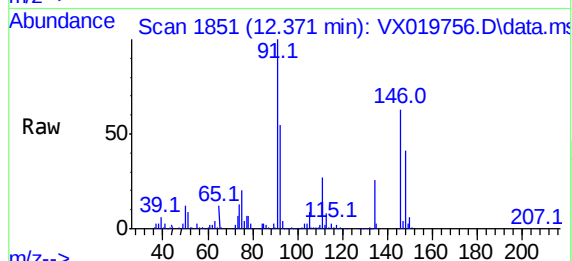
#85
n-Butylbenzene
Concen: 4.28 ug/l
RT: 12.371 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 64971
Ion Ratio Lower Upper
91 100
92 54.5 0.0 109.0
134 25.5 0.0 51.8

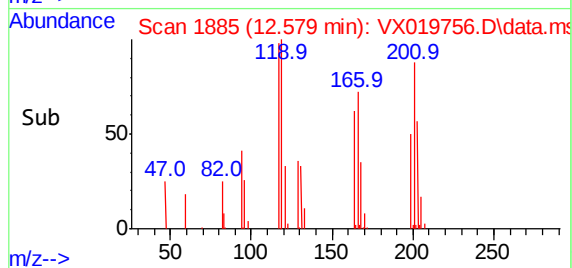
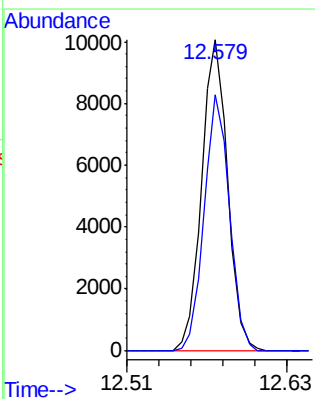
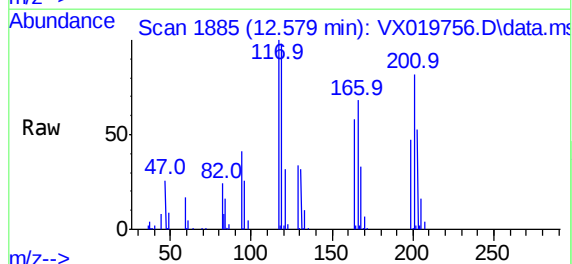
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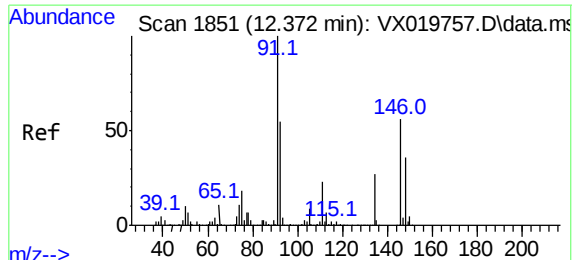
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#86
Hexachloroethane
Concen: 4.31 ug/l
RT: 12.579 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion: 117 Resp: 13090
Ion Ratio Lower Upper
117 100
201 80.1 40.5 121.4





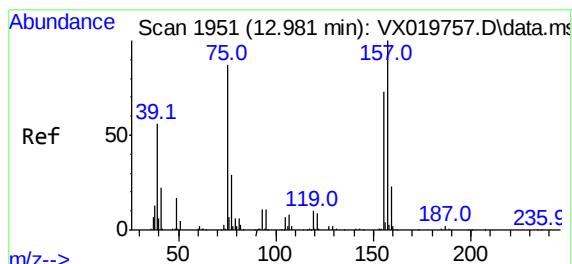
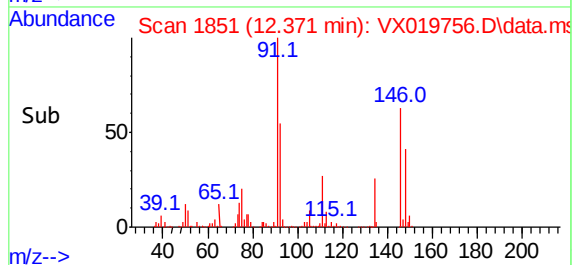
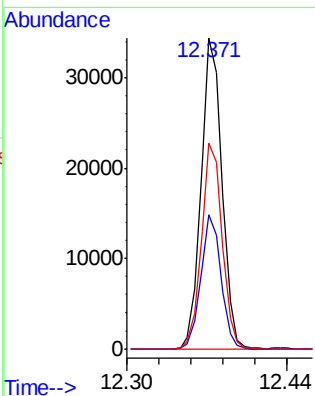
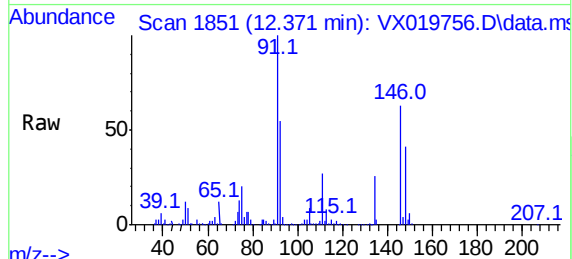
#87
1,2-Dichlorobenzene
Concen: 4.83 ug/l
RT: 12.371 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 42717
Ion Ratio Lower Upper
146 100
111 41.8 20.8 62.5
148 65.7 32.4 97.0

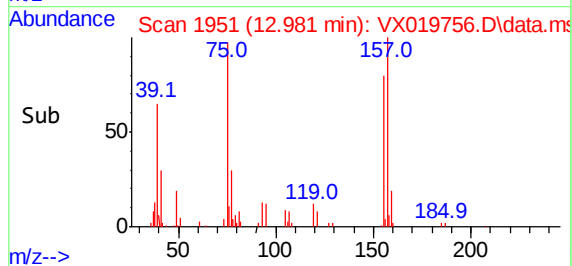
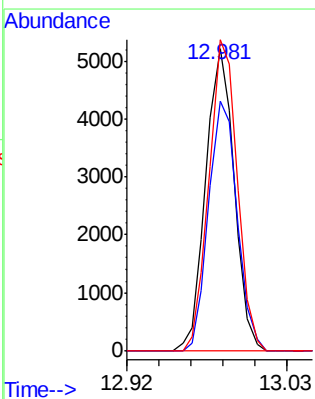
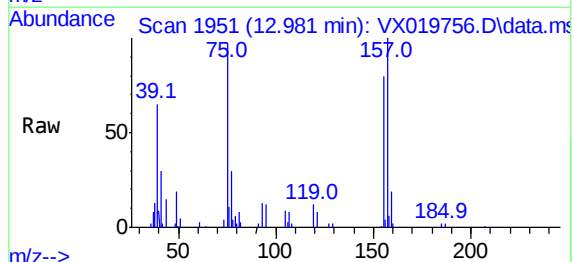
Manual Integrations
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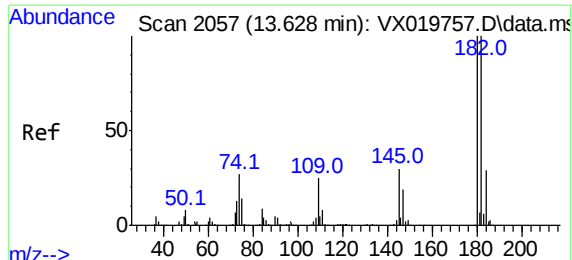
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#88
1,2-Dibromo-3-Chloropropane
Concen: 4.58 ug/l
RT: 12.981 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

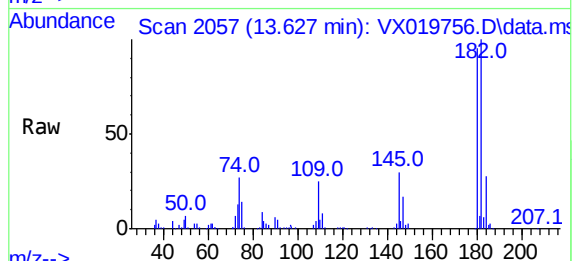
Tgt Ion: 75 Resp: 6754
Ion Ratio Lower Upper
75 100
155 83.0 68.9 103.3
157 102.5 91.3 136.9





#89
1,2,4-Trichlorobenzene
Concen: 4.38 ug/l
RT: 13.627 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

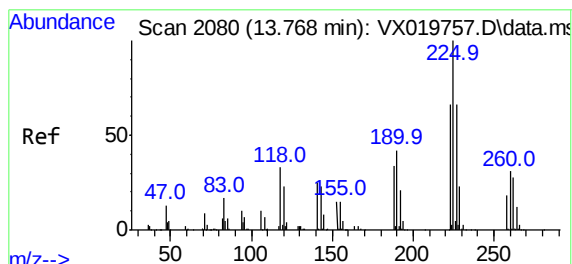
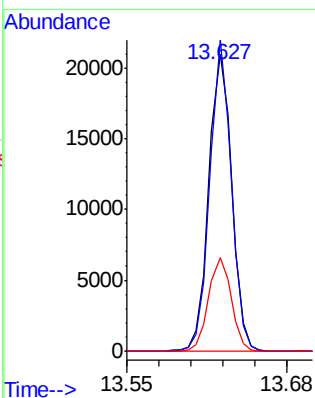
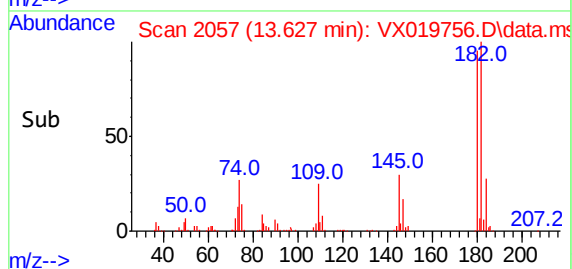
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



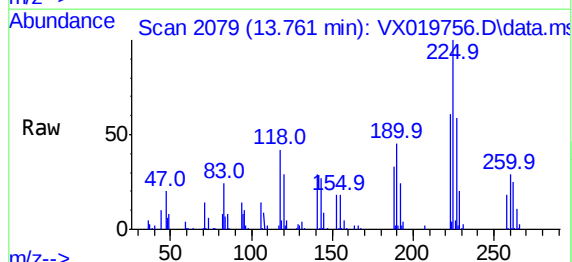
Tgt Ion:180 Resp: 25541
Ion Ratio Lower Upper
180 100
182 97.4 77.9 116.9
145 30.8 24.3 36.5

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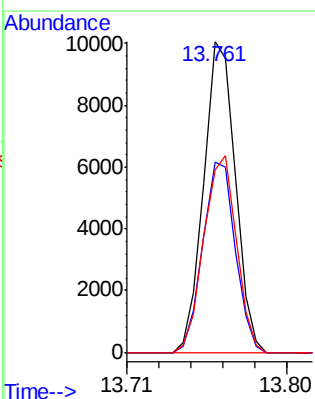
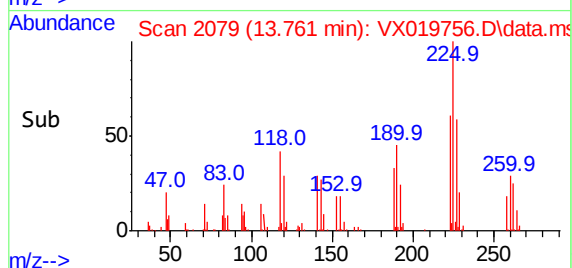
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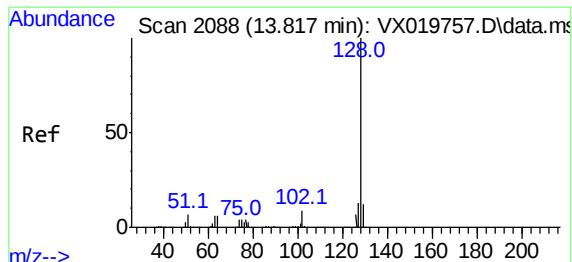


#90
Hexachlorobutadiene
Concen: 5.03 ug/l
RT: 13.761 min Scan# 2079
Delta R.T. -0.006 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21



Tgt Ion:225 Resp: 12844
Ion Ratio Lower Upper
225 100
223 62.9 0.0 129.4
227 65.2 0.0 130.4





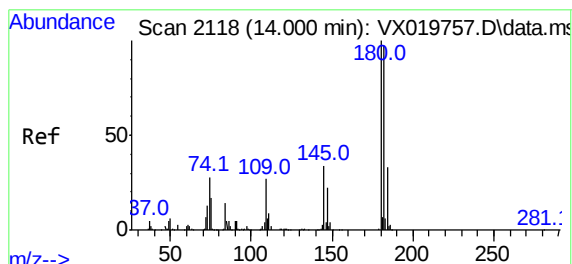
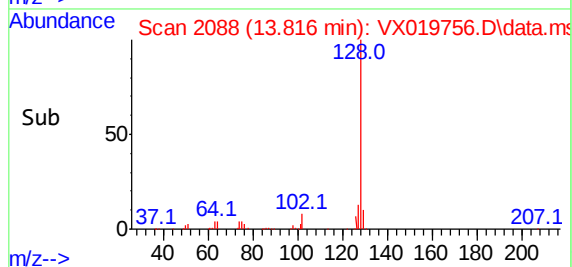
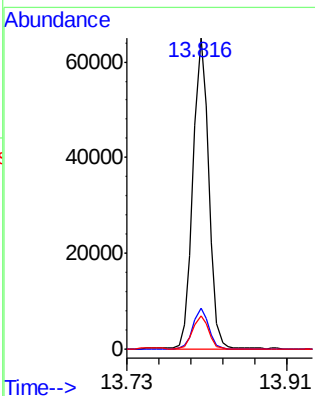
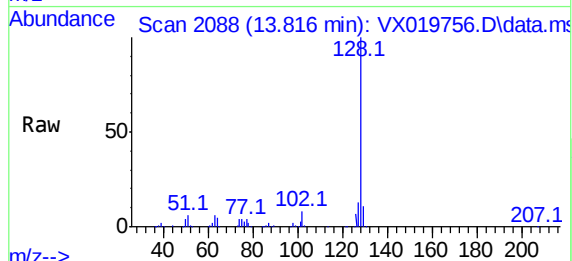
#91
Naphthalene
Concen: 4.17 ug/l
RT: 13.816 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 79766
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.6 8.8 13.2

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#92
1,2,3-Trichlorobenzene
Concen: 4.43 ug/l
RT: 13.999 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VX019756.D
Acq: 08 Dec 2020 10:21

Tgt Ion:180 Resp: 25391
Ion Ratio Lower Upper
180 100
182 97.0 0.0 192.4
145 33.3 0.0 66.4

