

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080421\
 Data File : VX023532.D
 Acq On : 04 Aug 2021 10:03
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020

Manual Integrations
 APPROVED

MMDadoda
 8/6/2021 11:09:14 AM

Quant Time: Aug 05 05:16:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Aug 03 12:05:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.910	128	36953	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	199563	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	186830	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	85235	29.83	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.43%		
60) 4-Bromofluorobenzene	11.085	95	90467	29.56	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.53%		
63) Toluene-d8	8.653	98	250818	29.83	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.43%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	41638	19.08	ug/l	94
3) Chloromethane	1.294	50	47759	19.39	ug/l	98
4) Vinyl Chloride	1.374	62	46229	18.77	ug/l	99
5) Bromomethane	1.599	94	33052	22.87	ug/l	94
6) Chloroethane	1.685	64	29745	19.29	ug/l	97
7) Trichlorofluoromethane	1.886	101	75089	18.88	ug/l	94
8) Diethyl Ether	2.136	74	28027	19.76	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	42327	19.05	ug/l	98
10) 1,1-Dichloroethene	2.319	96	39809	18.59	ug/l	97
11) Methyl Iodide	2.453	142	55450	18.43	ug/l	95
12) Methyl Acetate	2.709	43	63052	19.75	ug/l	100
13) Acrolein	2.239	56	36347	103.39	ug/l	98
14) Acrylonitrile	3.068	53	140173	99.24	ug/l	97
15) Acetone	2.386	58	42980	100.40	ug/l	99
16) Carbon Disulfide	2.514	76	96552	18.28	ug/l	100
17) Allyl chloride	2.666	41	75047	18.97	ug/l	98
18) Methylene Chloride	2.788	84	51218	20.34	ug/l	94
19) trans-1,2-Dichloroethene	3.093	96	43054	18.79	ug/l	94
20) Diisopropyl ether	3.770	45	153671	19.45	ug/l	92
21) 1,1-Dichloroethane	3.611	63	83483	19.40	ug/l	99
22) cis-1,2-Dichloroethene	4.495	96	51806	19.43	ug/l	98
23) tert-Butyl Alcohol	2.971	59	64790	101.08	ug/l #	100
24) Methyl tert-Butyl Ether	3.123	73	149026	19.84	ug/l	99
25) Chloroform	5.099	83	85340	19.33	ug/l	98
26) Cyclohexane	5.477	56	73950	18.93	ug/l #	99
29) 1,1-Dichloropropene	5.696	75	61214	19.69	ug/l	99
30) 2-Butanone	4.562	43	210704	101.13	ug/l	100
31) 2,2-Dichloropropane	4.483	77	66937	19.05	ug/l #	77
32) 1,1,1-Trichloroethane	5.385	97	71866	19.11	ug/l	98
33) Carbon Tetrachloride	5.678	117	62943	19.25	ug/l	97
34) Benzene	6.044	78	183359	19.57	ug/l	99
35) Methacrylonitrile	4.928	41	41966	20.03	ug/l	98
36) 1,2-Dichloroethane	6.092	62	72432	20.23	ug/l	99
37) Trichloroethene	7.129	130	49952	19.62	ug/l	100
38) Methylcyclohexane	7.385	83	77179	19.52	ug/l	99
39) 1,2-Dichloropropane	7.434	63	47916	19.54	ug/l	96
40) Dibromomethane	7.580	93	35239	20.26	ug/l	99
41) Bromodichloromethane	7.824	83	61354	19.43	ug/l	99
42) Vinyl Acetate	3.727	43	694977	102.41	ug/l	100
43) Ethyl Acetate	4.721	43	80902	20.93	ug/l	98

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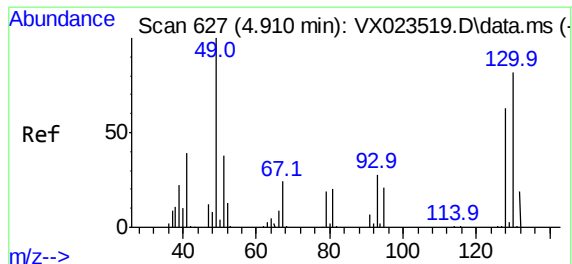
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	6.348	43	123062	20.00	ug/l	100
45) 1,4-Dioxane	7.659	88	27170	425.56	ug/l	95
46) Methyl methacrylate	7.696	41	59715	20.12	ug/l	97
47) n-amyl Acetate	10.848	43	104509	19.96	ug/l	100
48) t-1,3-Dichloropropene	8.982	75	72216	19.59	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	74639	19.09	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	51643	20.56	ug/l	98
51) Ethyl methacrylate	9.116	69	77827	19.65	ug/l	100
52) 1,3-Dichloropropane	9.311	76	84176	20.41	ug/l	98
53) Dibromochloromethane	9.525	129	48242	19.11	ug/l	99
54) 1,2-Dibromoethane	9.610	107	54798	20.61	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	195139	98.64	ug/l	100
56) Bromoform	10.805	173	34915	19.27	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	406215	100.85	ug/l	99
59) 2-Hexanone	9.433	43	320849	102.58	ug/l	99
61) Tetrachloroethene	9.275	164	52070	20.74	ug/l	97
62) Toluene	8.720	91	204973	19.45	ug/l	100
64) Chlorobenzene	10.079	112	131738	19.75	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.165	131	47687	19.31	ug/l	99
66) Ethyl Benzene	10.195	91	227378	19.49	ug/l	99
67) m/p-Xylenes	10.305	106	174001	38.57	ug/l	100
68) o-Xylene	10.646	106	86412	19.43	ug/l	99
69) Styrene	10.659	104	140818	19.21	ug/l	99
70) Isopropylbenzene	10.963	105	227582	19.46	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	75410	20.16	ug/l	100
72) 1,2,3-Trichloropropane	11.244	75	73030m	20.77	ug/l	
73) Bromobenzene	11.201	156	56948	20.00	ug/l	97
74) n-propylbenzene	11.305	91	263357	19.45	ug/l	99
75) 2-Chlorotoluene	11.366	91	156856	19.41	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	189210	19.51	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	23986	19.11	ug/l	93
78) 4-Chlorotoluene	11.457	91	174403	19.10	ug/l	98
79) tert-butylbenzene	11.719	119	183837	19.52	ug/l	98
80) 1,2,4-Trimethylbenzene	11.756	105	188026	19.57	ug/l	99
81) sec-Butylbenzene	11.890	105	230623	19.11	ug/l	99
82) p-Isopropyltoluene	12.012	119	192104	19.38	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	99917	19.38	ug/l	100
84) 1,4-Dichlorobenzene	12.042	146	99188	19.46	ug/l	99
85) n-Butylbenzene	12.335	91	170370	19.43	ug/l	99
86) Hexachloroethane	12.542	117	29195	18.12	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	96920	19.48	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	14207	17.29	ug/l	97
89) 1,2,4-Trichlorobenzene	13.591	180	58954	19.15	ug/l	99
90) Hexachlorobutadiene	13.725	225	27013	19.57	ug/l	98
91) Naphthalene	13.780	128	203320	19.23	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	59186	19.14	ug/l	98

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



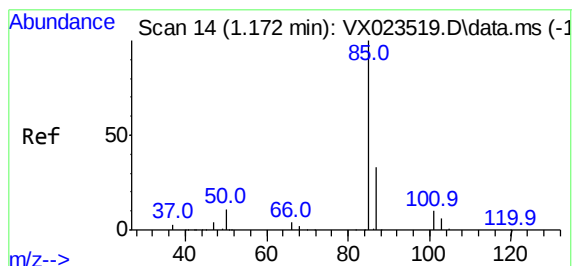
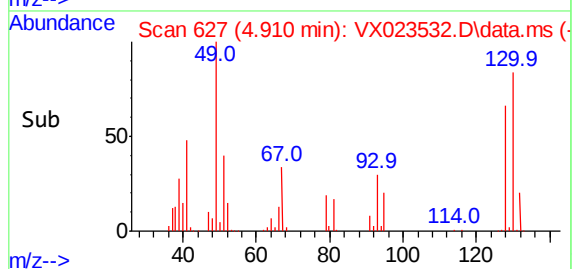
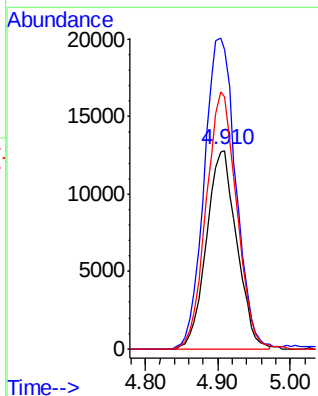
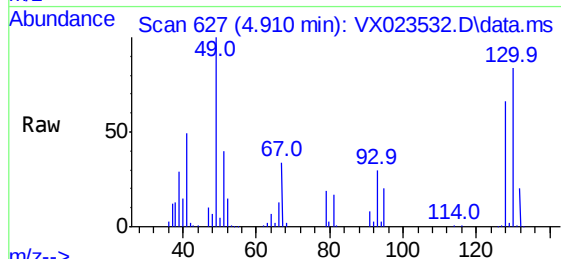
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Bromochloromethane
Concen: 30.00 ug/l
RT: 4.910 min Scan# 627
Delta R.T. -0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 36953
Ion Ratio Lower Upper
128 100
49 164.0 0.0 402.5
130 131.0 0.0 326.5

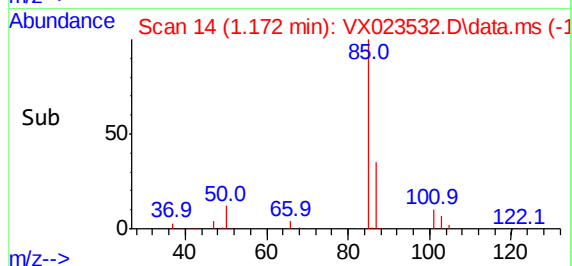
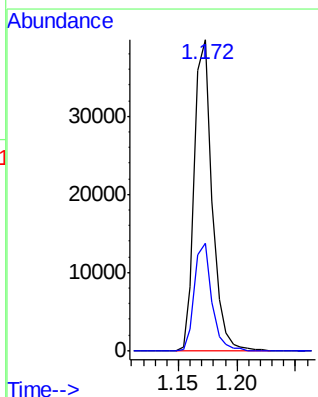
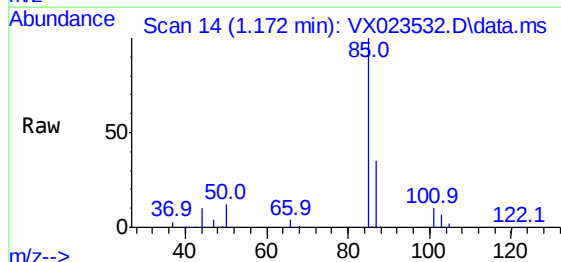
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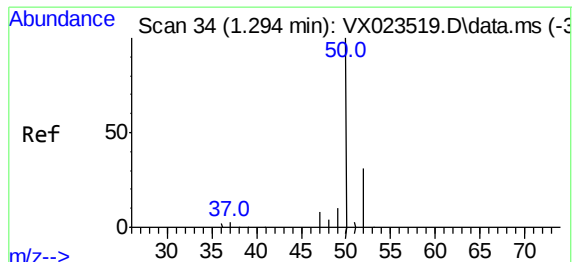
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#2
Dichlorodifluoromethane
Concen: 19.08 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 85 Resp: 41638
Ion Ratio Lower Upper
85 100
87 34.6 15.6 46.8





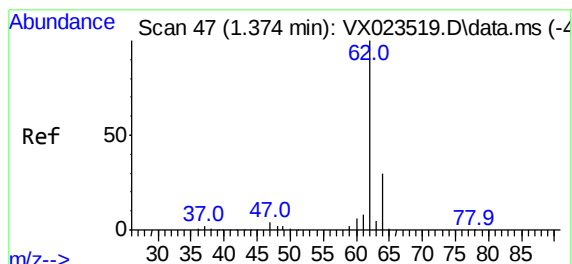
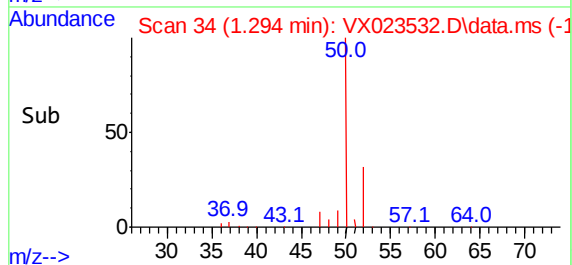
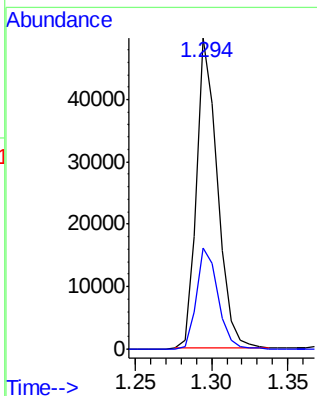
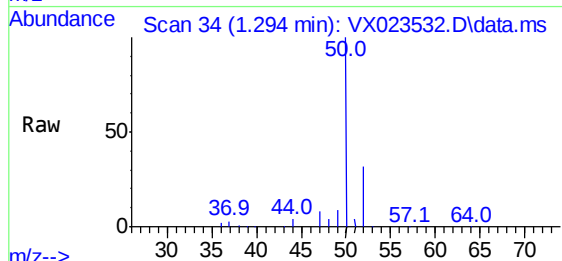
#3
Chloromethane
Concen: 19.39 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 50 Resp: 47759
Ion Ratio Lower Upper
50 100
52 32.4 26.9 40.3

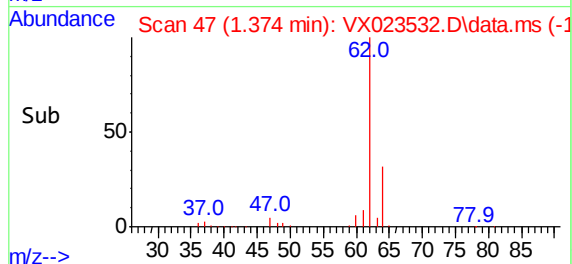
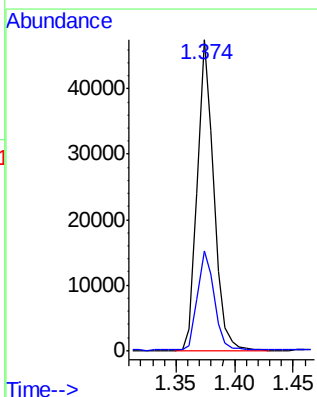
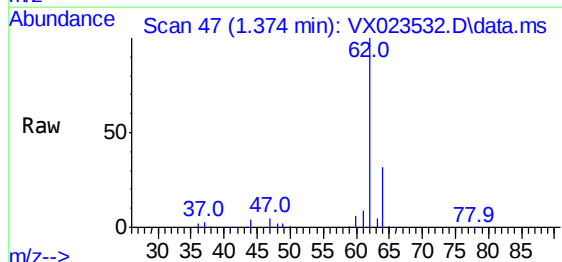
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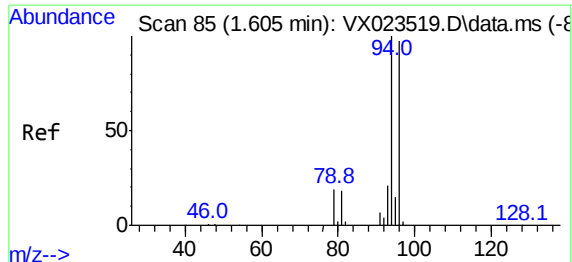
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#4
Vinyl Chloride
Concen: 18.77 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 62 Resp: 46229
Ion Ratio Lower Upper
62 100
64 32.0 25.0 37.4





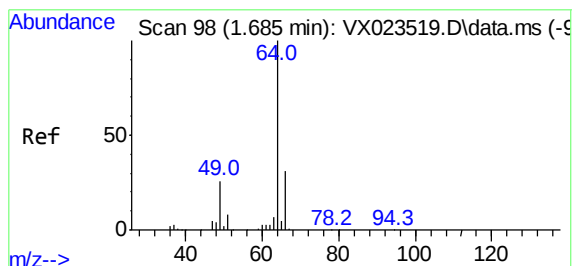
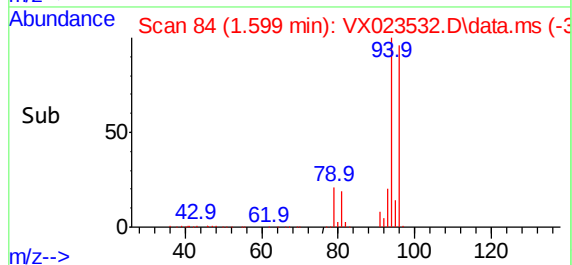
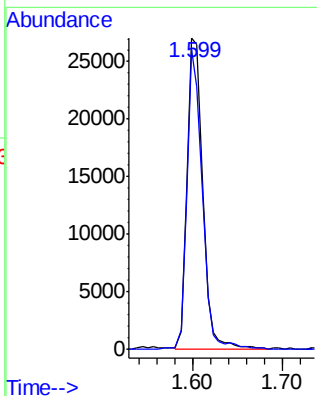
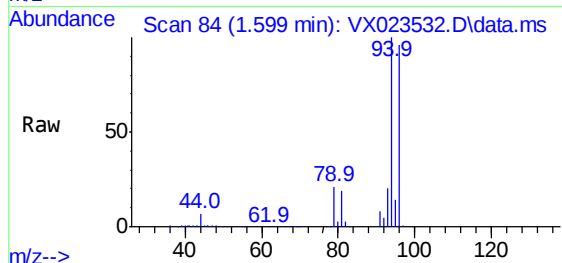
#5
Bromomethane
Concen: 22.87 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 94 Resp: 33052
Ion Ratio Lower Upper
94 100
96 96.5 72.8 109.2

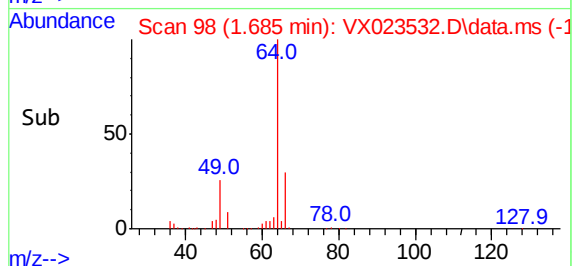
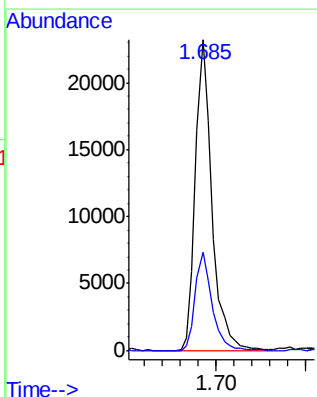
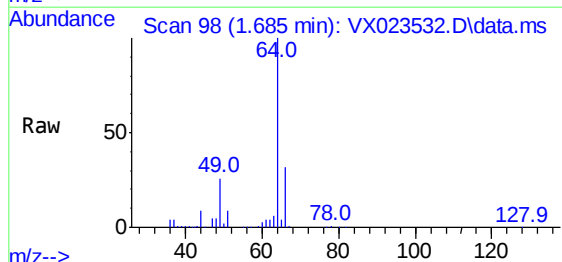
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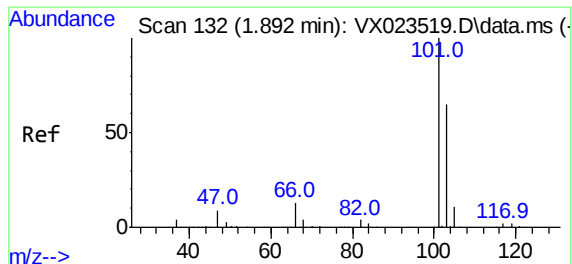
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#6
Chloroethane
Concen: 19.29 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 64 Resp: 29745
Ion Ratio Lower Upper
64 100
66 31.6 26.8 40.2





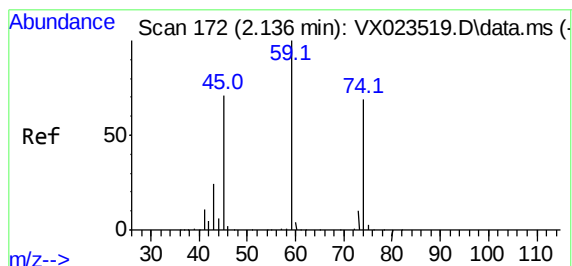
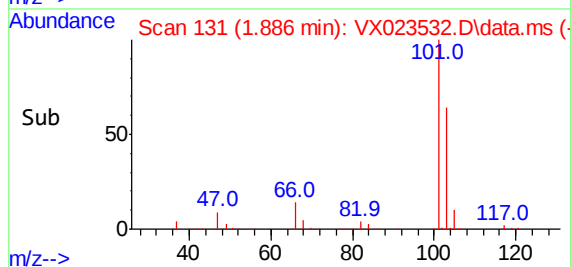
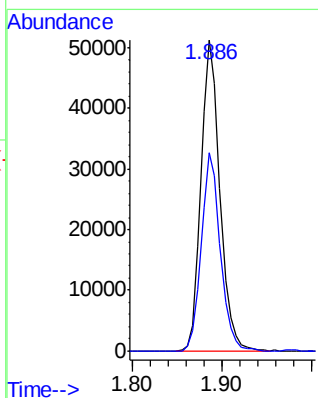
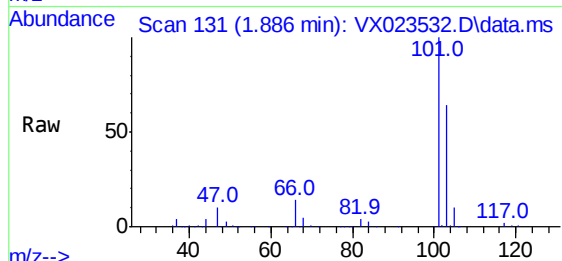
#7
Trichlorofluoromethane
Concen: 18.88 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Instrument :
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VSTDCCC020

Tgt Ion:101 Resp: 75089
Ion Ratio Lower Upper
101 100
103 63.9 55.0 82.6

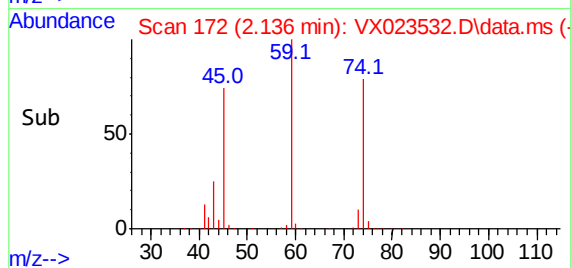
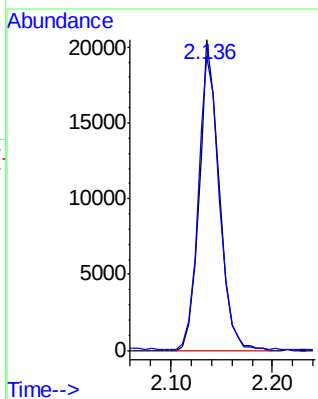
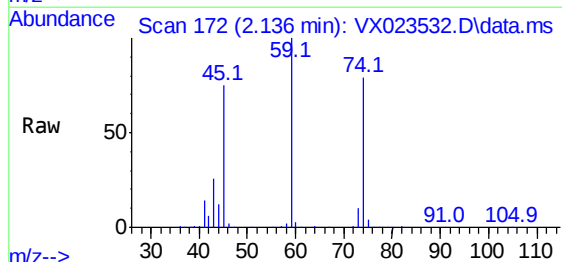
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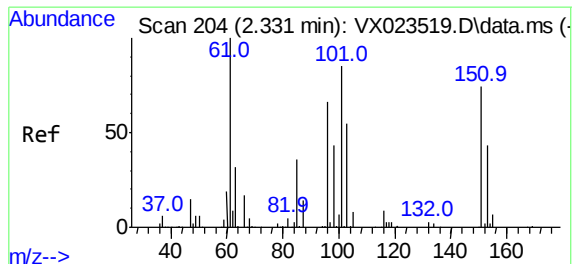
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#8
Diethyl Ether
Concen: 19.76 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 74 Resp: 28027
Ion Ratio Lower Upper
74 100
45 101.0 19.9 179.1





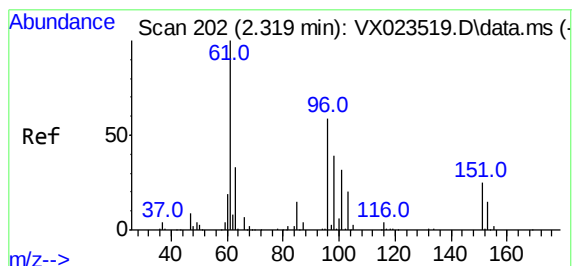
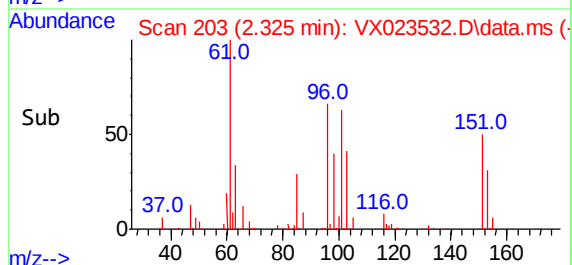
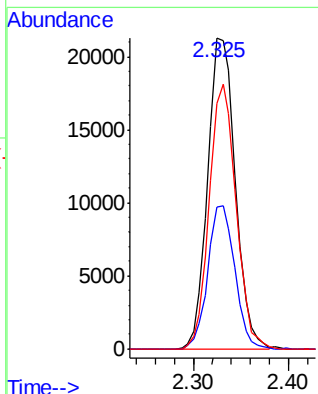
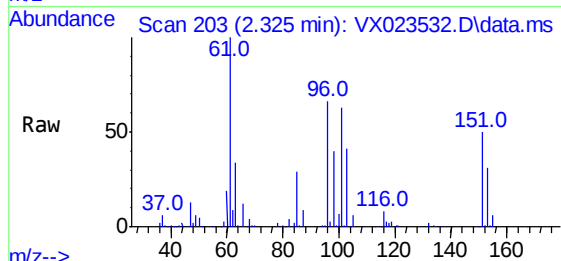
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1,1,2-Trichlorotrifluoroethane
Concen: 19.05 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion:101 Resp: 42327
Ion Ratio Lower Upper
101 100
85 45.1 0.0 91.4
151 83.0 0.0 160.0

Instrument :
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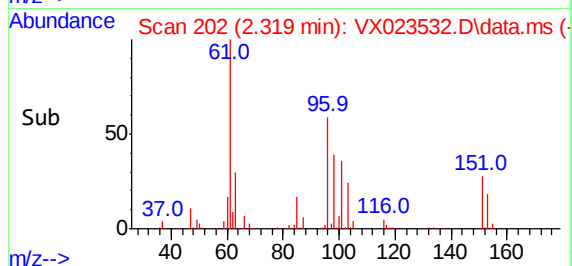
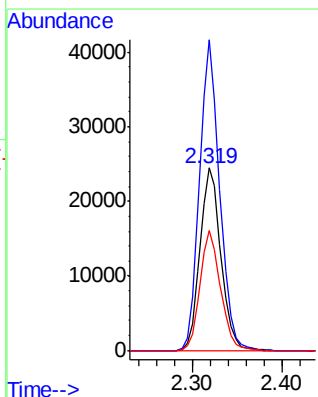
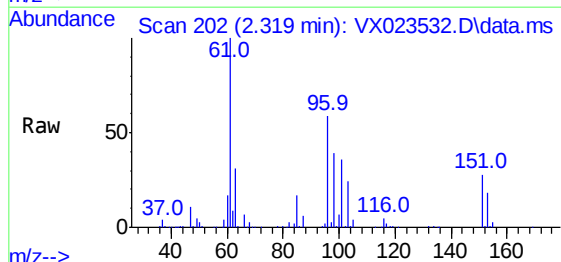
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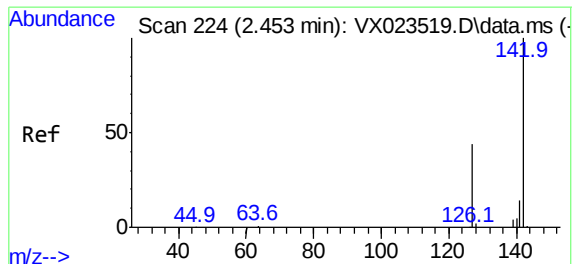
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#10
1,1-Dichloroethene
Concen: 18.59 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 96 Resp: 39809
Ion Ratio Lower Upper
96 100
61 170.6 140.3 210.5
98 65.7 52.8 79.2





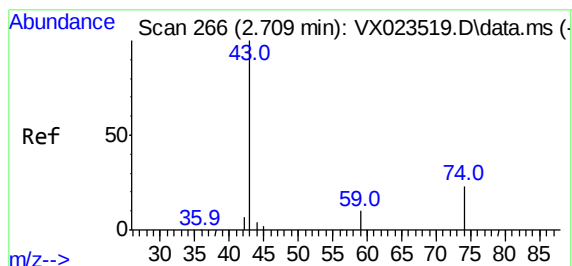
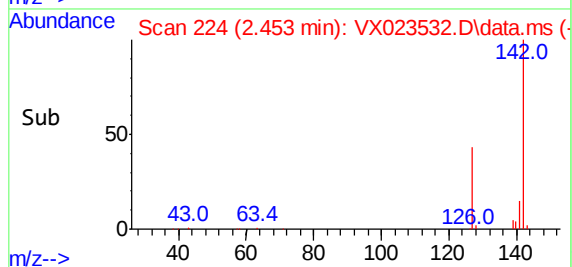
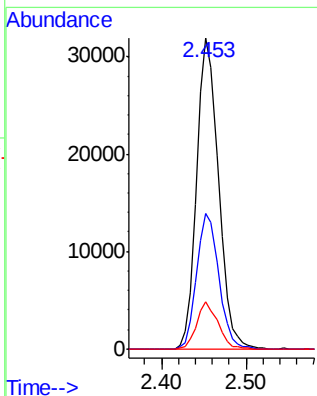
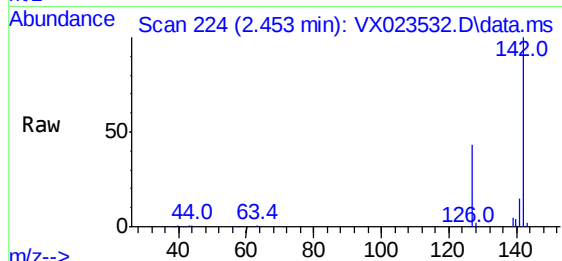
#11
Methyl Iodide
Concen: 18.43 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:142 Resp: 55450
Ion Ratio Lower Upper
142 100
127 43.4 23.6 71.0
141 15.3 7.1 21.3

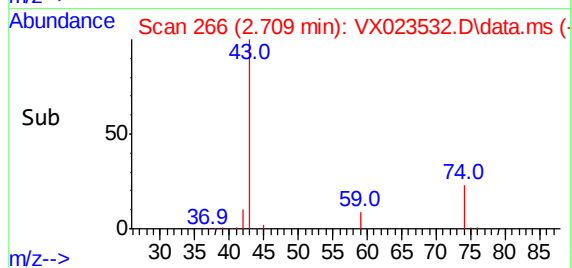
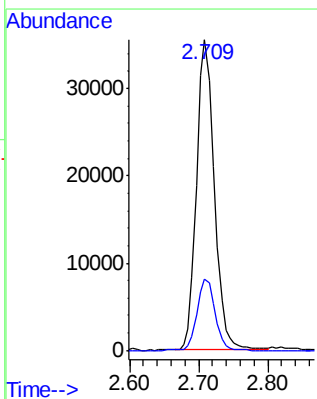
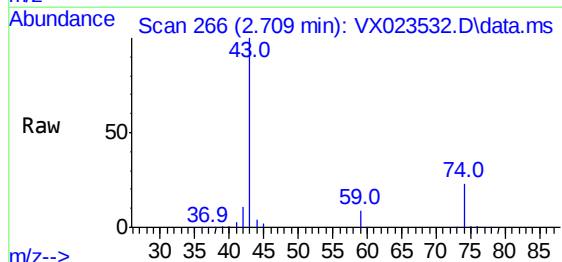
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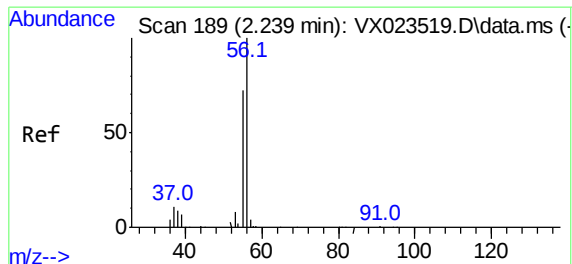
MMDadoda
8/6/2021 11:09:14 AM



#12
Methyl Acetate
Concen: 19.75 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 43 Resp: 63052
Ion Ratio Lower Upper
43 100
74 22.9 18.2 27.2





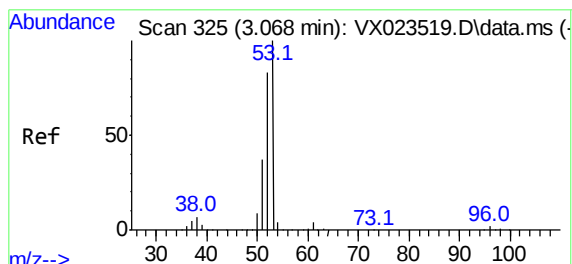
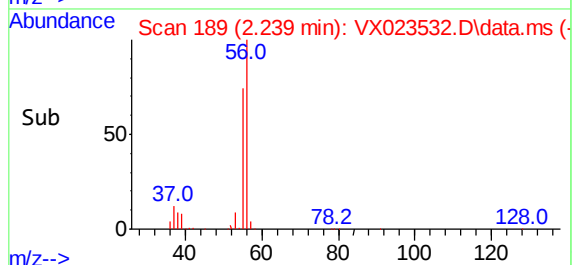
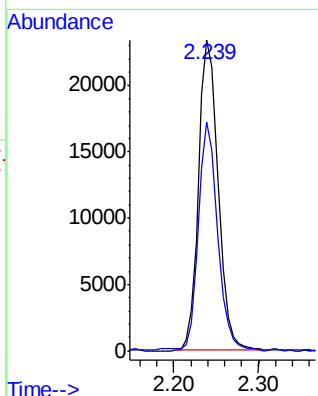
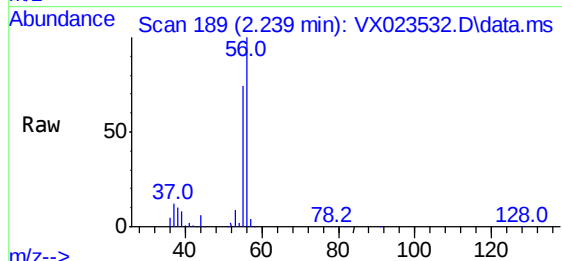
#13
Acrolein
Concen: 103.39 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 56 Resp: 36347
Ion Ratio Lower Upper
56 100
55 72.8 59.5 89.3

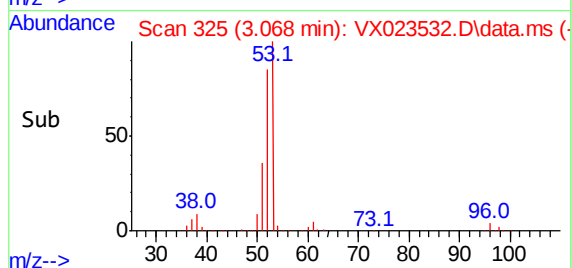
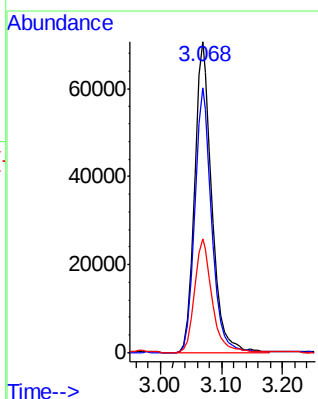
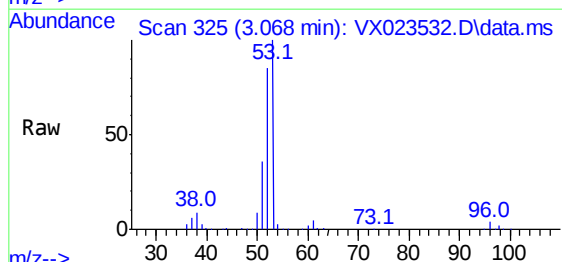
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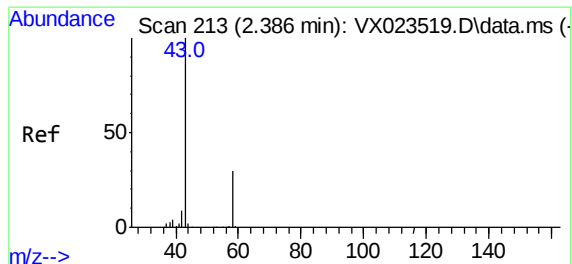
MMDadoda
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#14
Acrylonitrile
Concen: 99.24 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 53 Resp: 140173
Ion Ratio Lower Upper
53 100
52 83.8 40.4 121.2
51 37.5 18.1 54.1





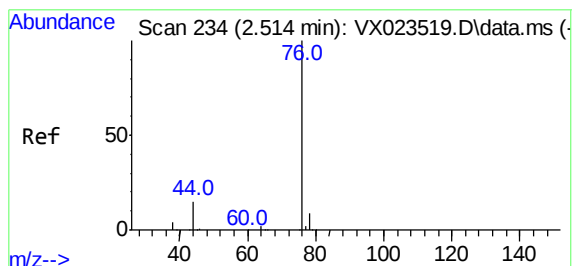
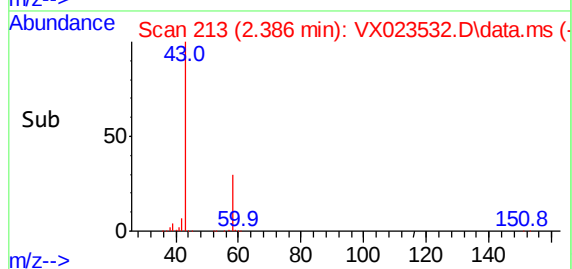
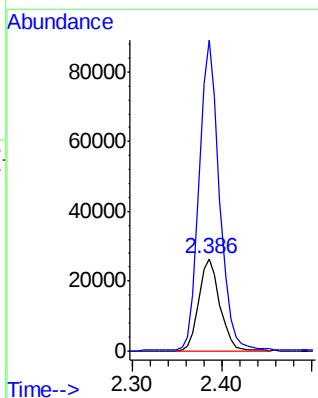
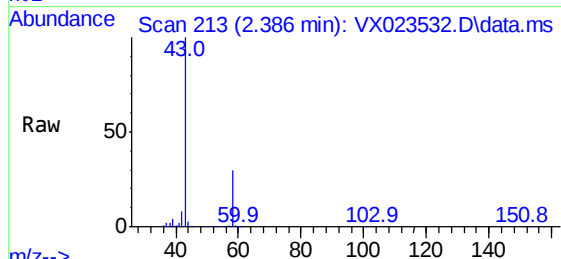
#15
Acetone
Concen: 100.40 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 58 Resp: 42980
Ion Ratio Lower Upper
58 100
43 336.2 266.6 400.0

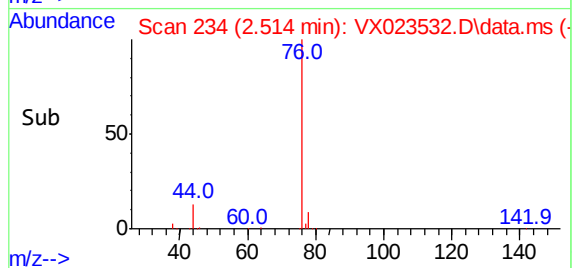
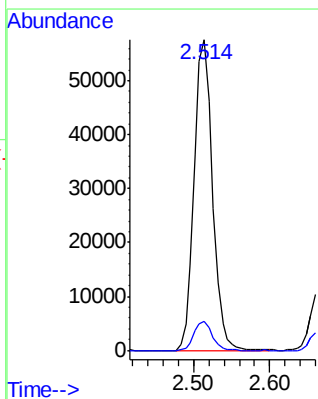
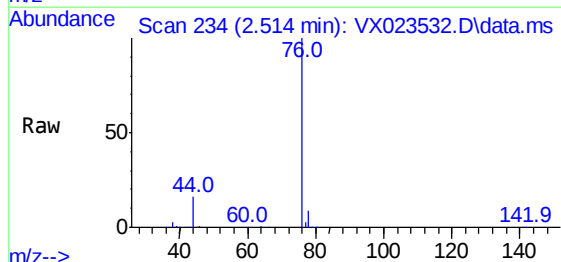
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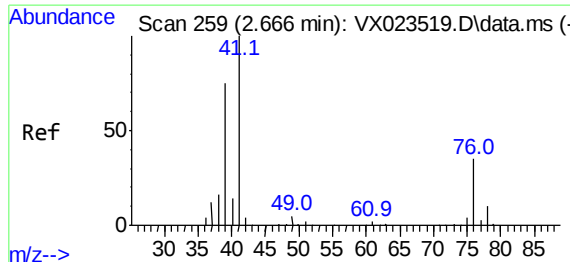
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#16
Carbon Disulfide
Concen: 18.28 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 76 Resp: 96552
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



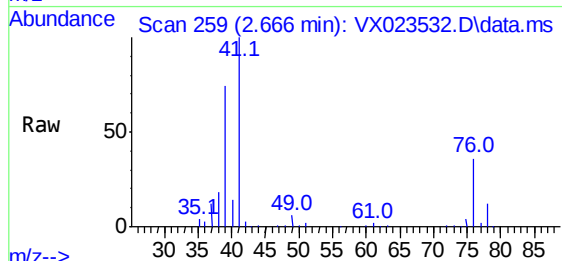


#17
 Allyl chloride
 Concen: 18.97 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX023532.D
 Acq: 04 Aug 2021 10:03

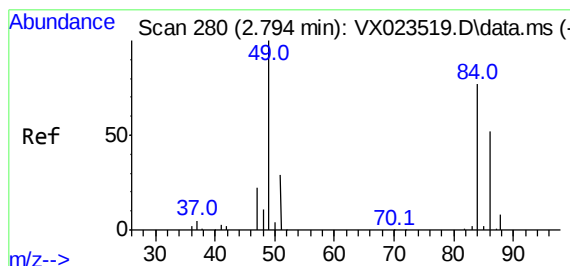
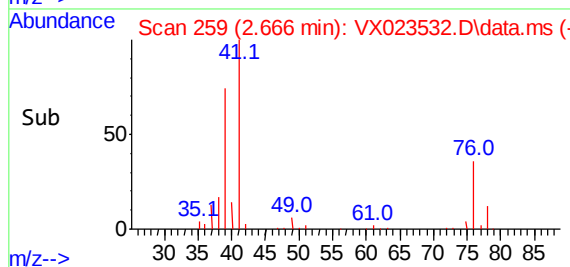
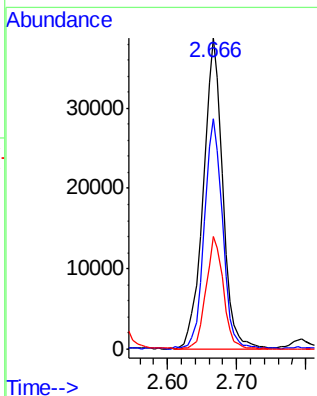
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
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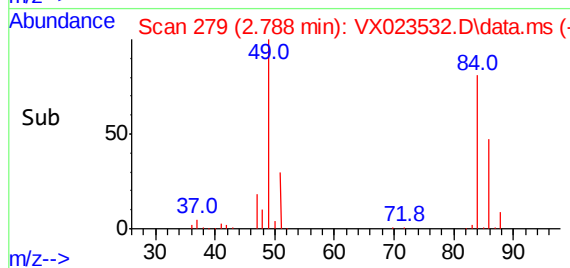
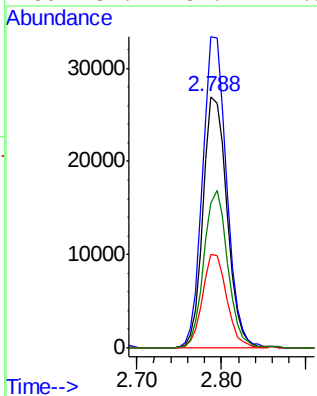
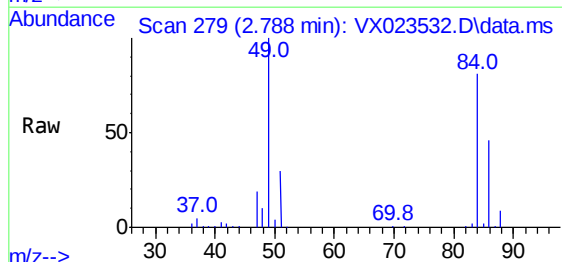


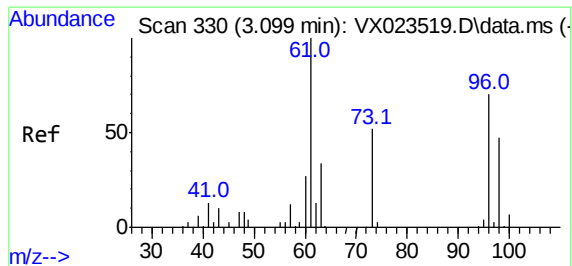
Tgt Ion: 41 Resp: 75047
 Ion Ratio Lower Upper
 41 100
 39 73.8 36.4 109.3
 76 36.1 16.6 49.7



#18
 Methylene Chloride
 Concen: 20.34 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.006 min
 Lab File: VX023532.D
 Acq: 04 Aug 2021 10:03

Tgt Ion: 84 Resp: 51218
 Ion Ratio Lower Upper
 84 100
 49 123.8 104.3 156.5
 51 37.2 30.3 45.5
 86 57.4 51.7 77.5





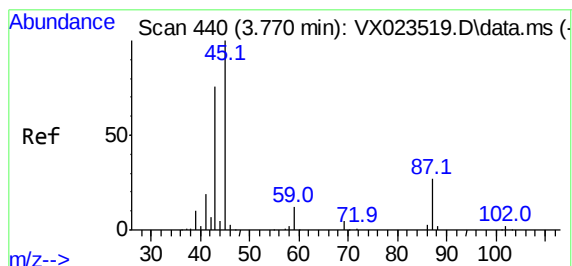
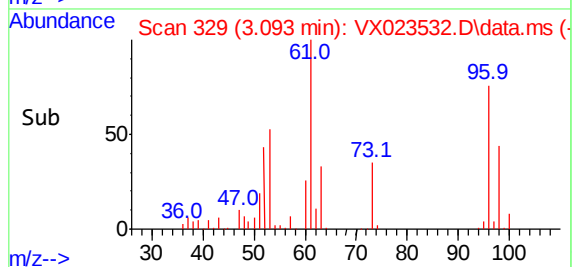
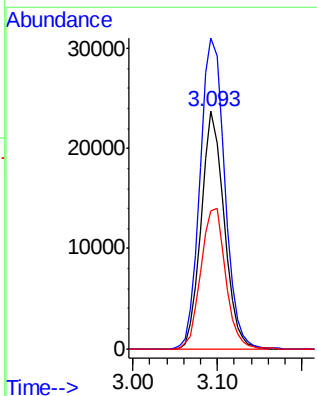
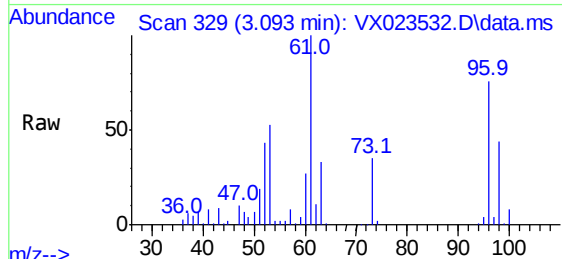
#19
trans-1,2-Dichloroethene
Concen: 18.79 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.006 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tgt Ion: 96 Resp: 43054
Ion Ratio Lower Upper
96 100
61 130.4 109.2 163.8
98 58.2 50.8 76.2

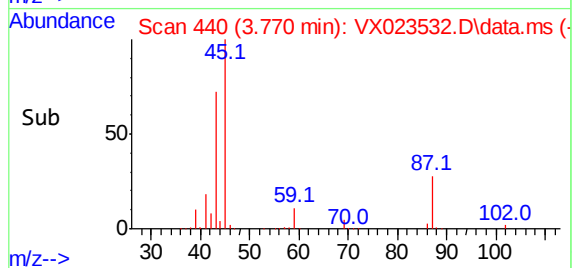
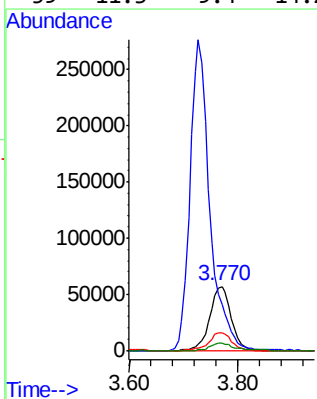
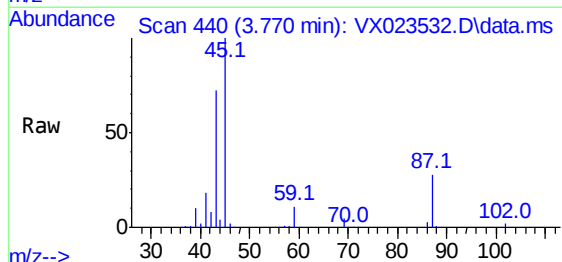
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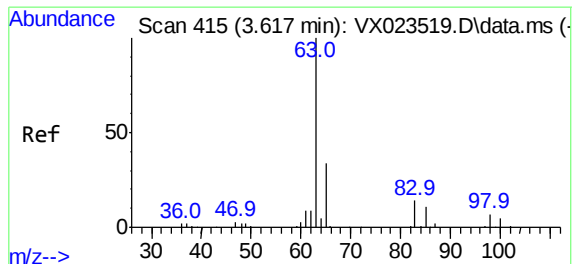
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#20
Diisopropyl ether
Concen: 19.45 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 45 Resp: 153671
Ion Ratio Lower Upper
45 100
43 70.5 63.8 95.6
87 28.1 21.8 32.6
59 11.3 9.4 14.2





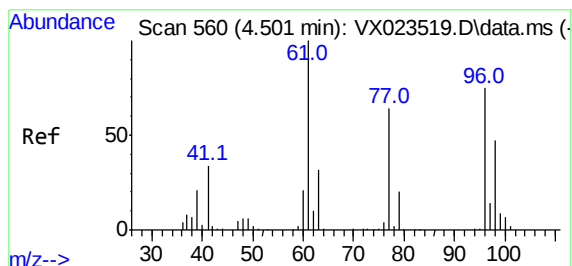
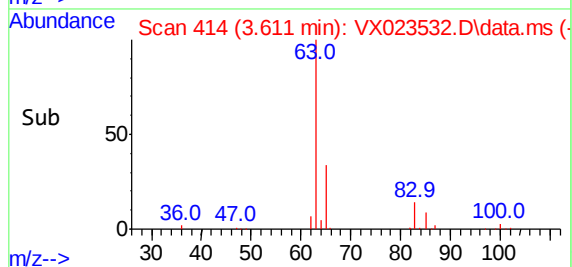
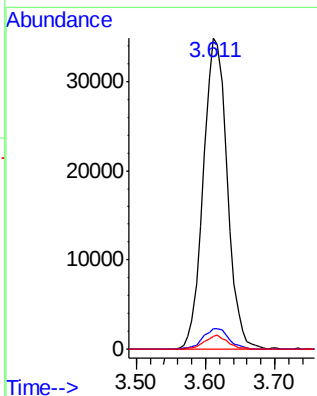
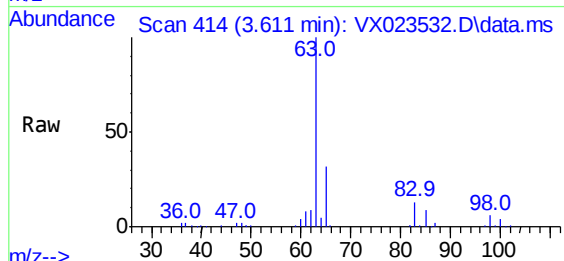
#21
1,1-Dichloroethane
Concen: 19.40 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.006 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 63 Resp: 83483
Ion Ratio Lower Upper
63 100
98 6.4 3.4 10.1
100 4.2 2.1 6.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

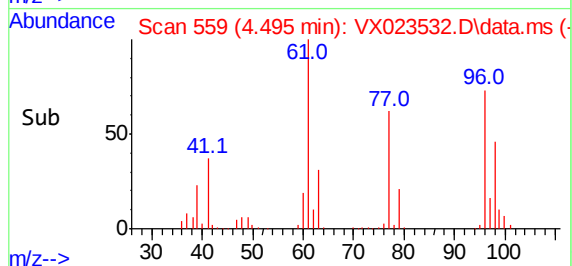
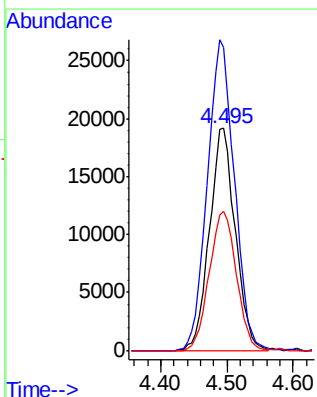
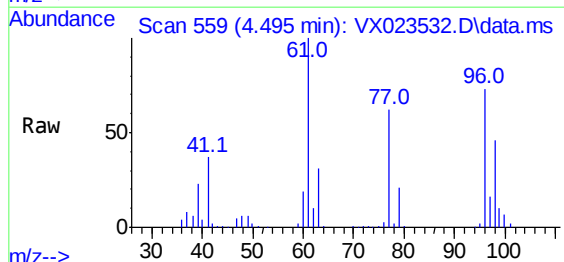
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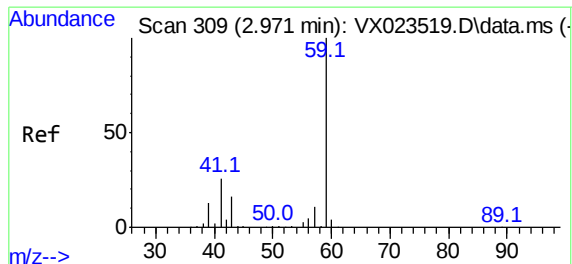
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#22
cis-1,2-Dichloroethene
Concen: 19.43 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.006 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 96 Resp: 51806
Ion Ratio Lower Upper
96 100
61 145.8 114.5 171.7
98 65.6 51.3 76.9

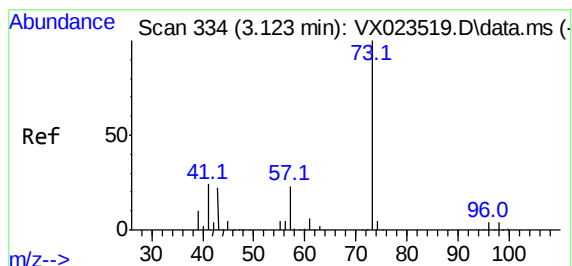
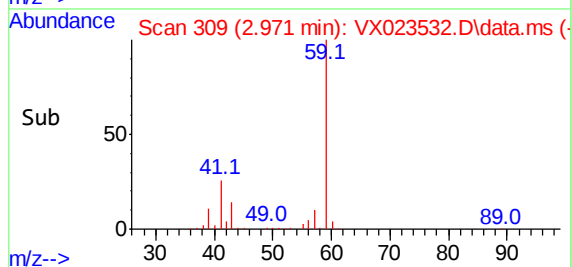
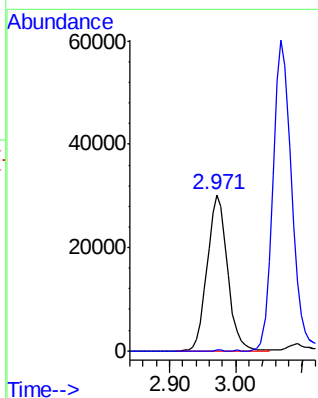
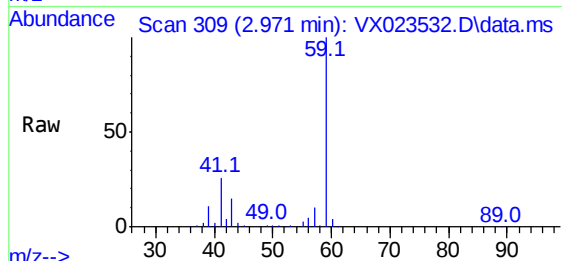




#23
tert-Butyl Alcohol
Concen: 101.08 ug/l
RT: 2.971 min Scan# 309
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

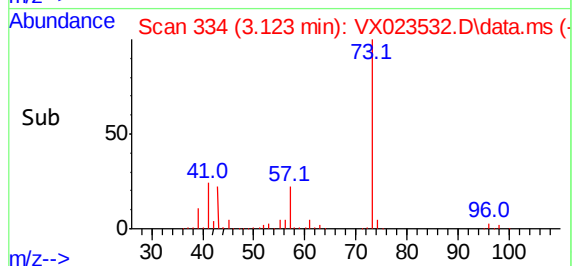
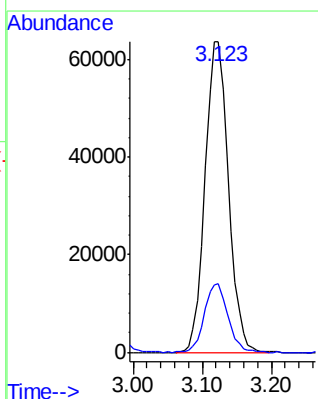
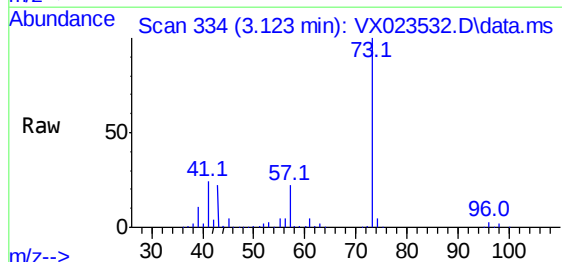
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

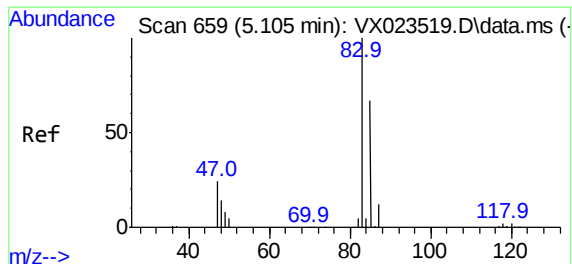
Tgt Ion: 59 Resp: 64790
Ion Ratio Lower Upper
59 100
52 0.1 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 19.84 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 73 Resp: 149026
Ion Ratio Lower Upper
73 100
43 22.1 17.9 26.9





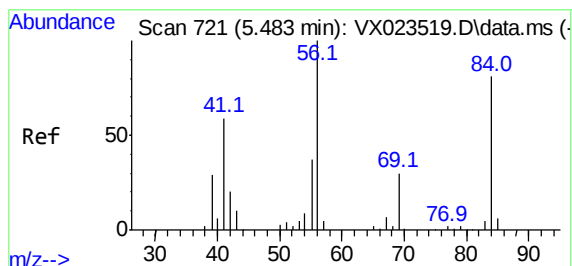
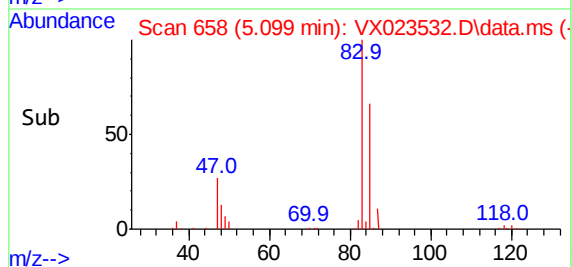
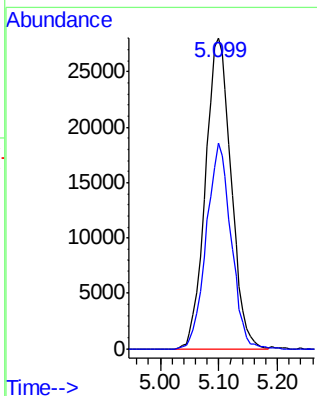
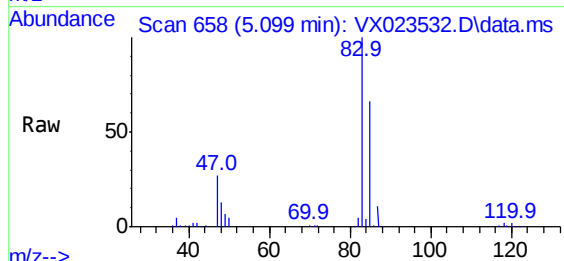
#25
Chloroform
Concen: 19.33 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 85340
Ion Ratio Lower Upper
83 100
85 66.1 51.8 77.8

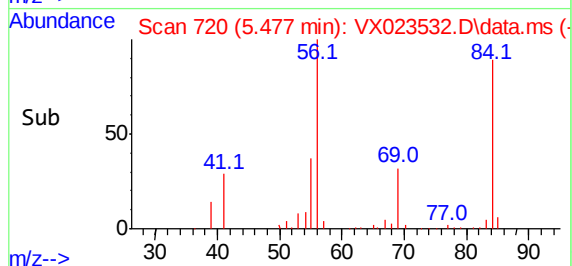
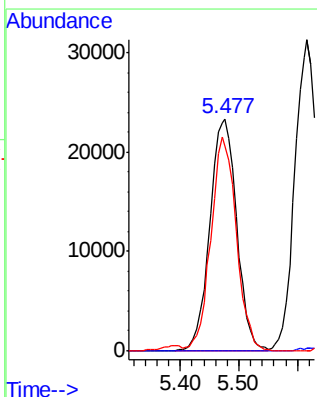
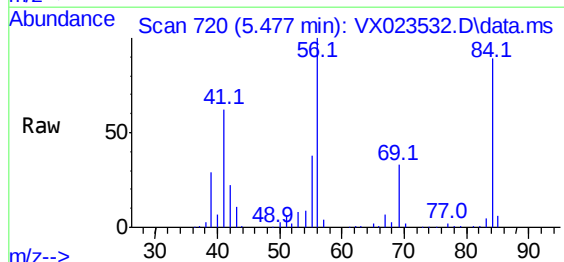
Manual Integrations
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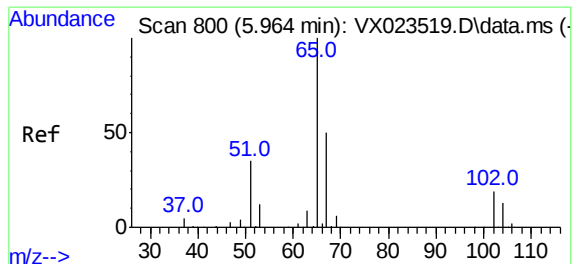
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#26
Cyclohexane
Concen: 18.93 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.006 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 56 Resp: 73950
Ion Ratio Lower Upper
56 100
89 0.2 0.0 0.0#
84 87.7 69.0 103.6





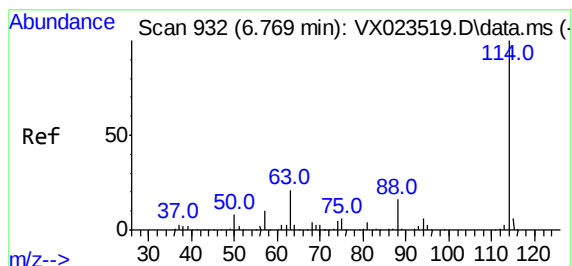
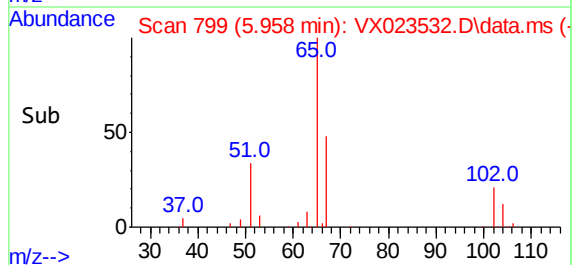
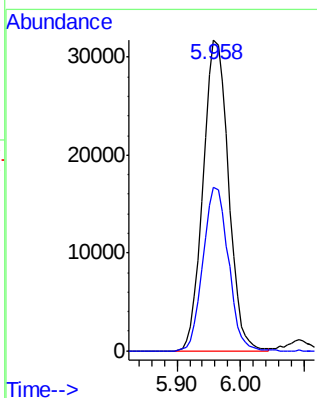
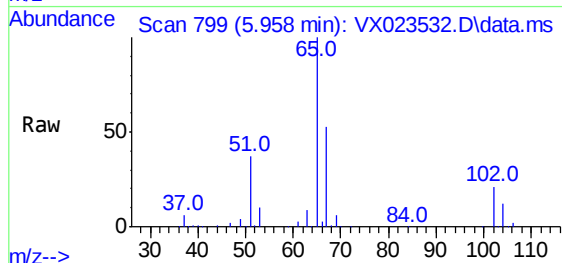
#27
1,2-Dichloroethane-d4
Concen: 29.83 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 65 Resp: 85235
Ion Ratio Lower Upper
65 100
67 52.3 42.4 63.6

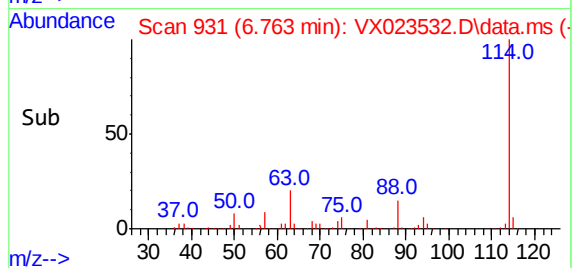
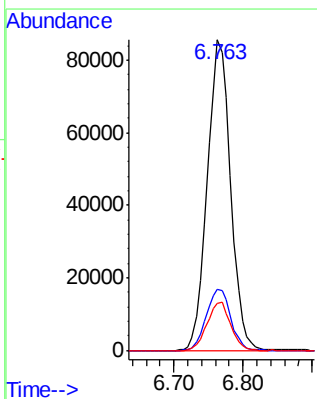
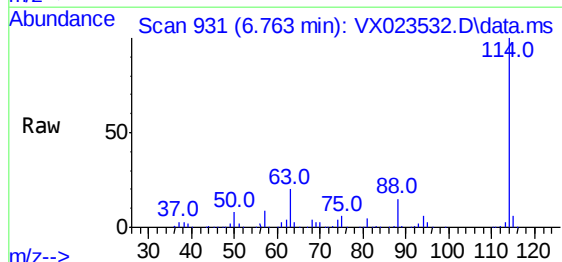
Manual Integrations
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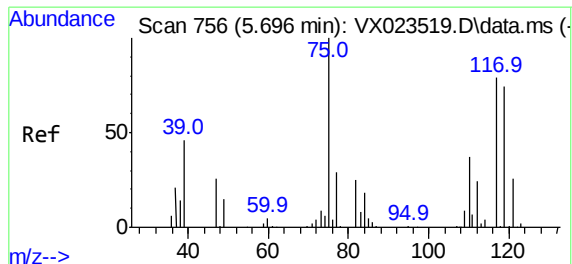
MMDadoda
8/6/2021 11:09:14 AM



#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion:114 Resp: 199563
Ion Ratio Lower Upper
114 100
63 20.5 16.4 24.6
88 15.6 12.7 19.1





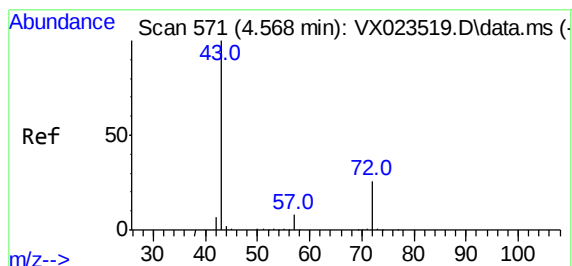
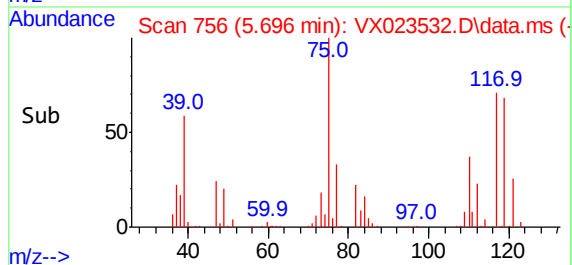
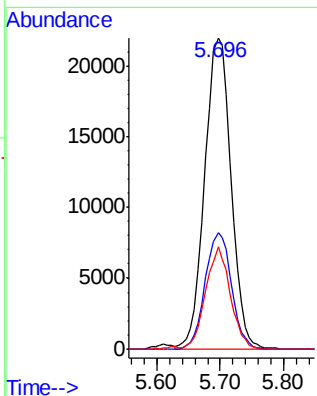
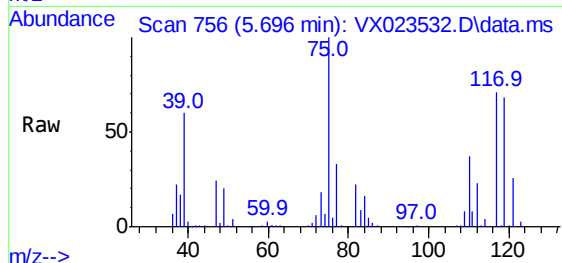
#29
1,1-Dichloropropene
Concen: 19.69 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 75 Resp: 61214
Ion Ratio Lower Upper
75 100
110 37.2 0.0 72.0
77 30.5 0.0 61.8

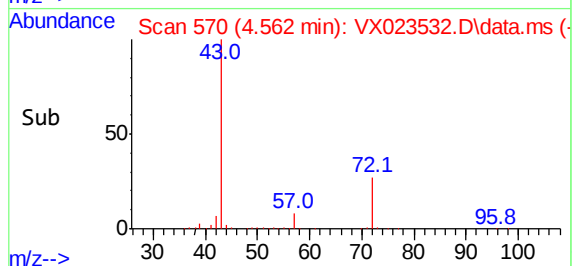
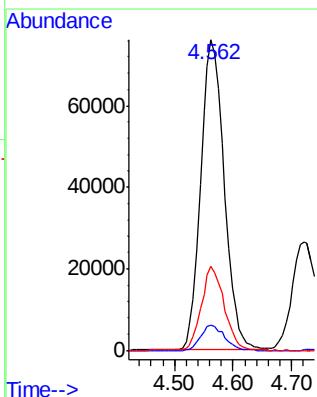
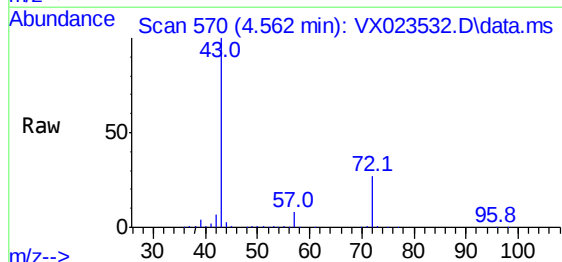
Manual Integrations
APPROVED

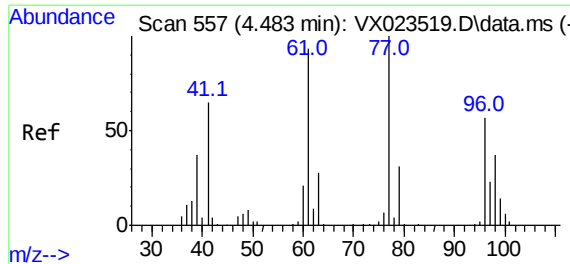
MMDadoda
8/6/2021 11:09:14 AM



#30
2-Butanone
Concen: 101.13 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 43 Resp: 210704
Ion Ratio Lower Upper
43 100
57 8.3 6.6 9.8
72 26.5 21.0 31.4





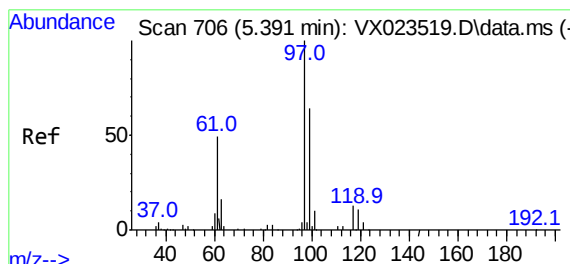
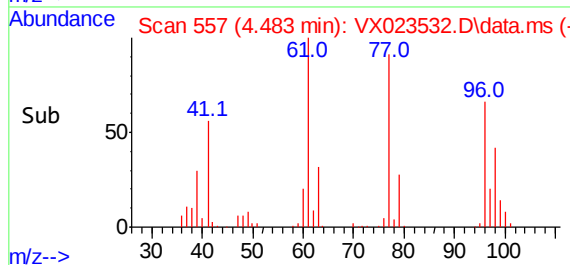
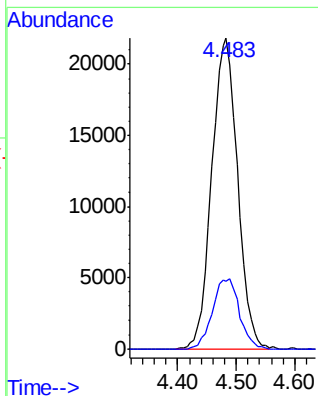
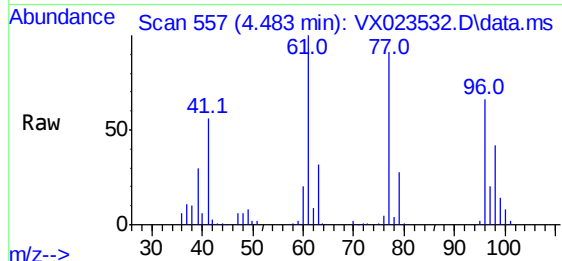
#31
2,2-Dichloropropane
Concen: 19.05 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 77 Resp: 66937
Ion Ratio Lower Upper
77 100
97 13.1 19.8 29.8#

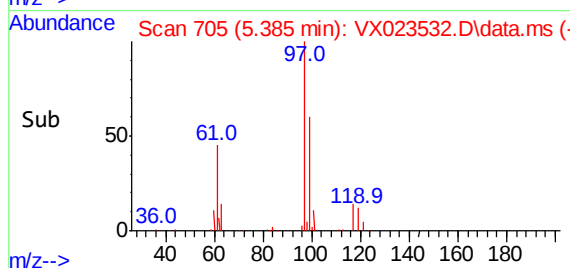
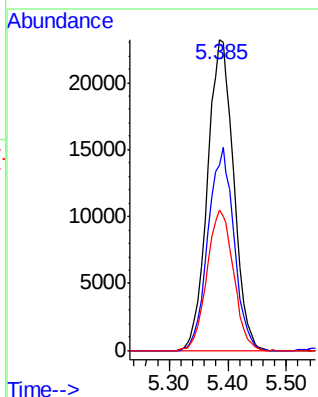
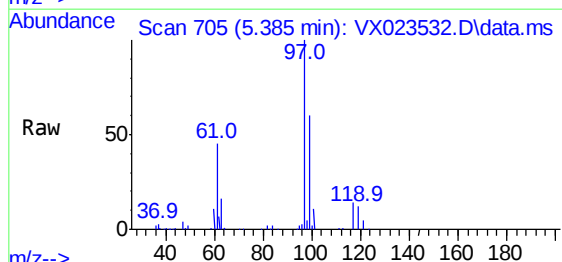
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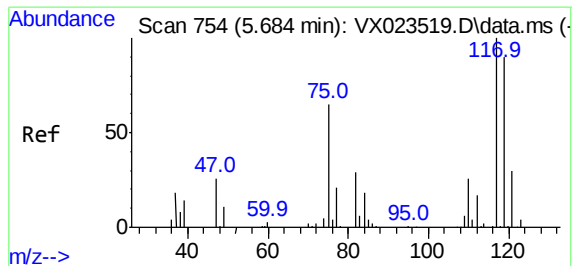
MMDadoda
8/6/2021 11:09:14 AM



#32
1,1,1-Trichloroethane
Concen: 19.11 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 97 Resp: 71866
Ion Ratio Lower Upper
97 100
99 64.7 50.4 75.6
61 45.9 36.4 54.6





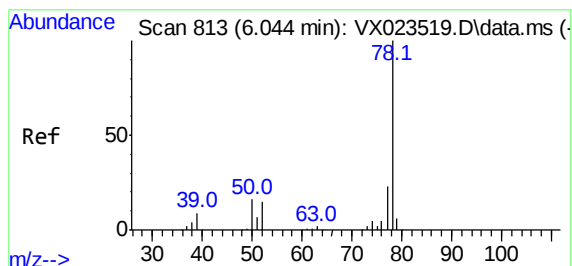
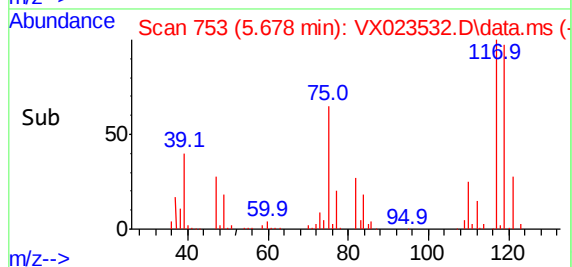
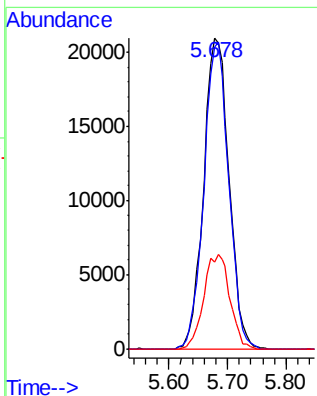
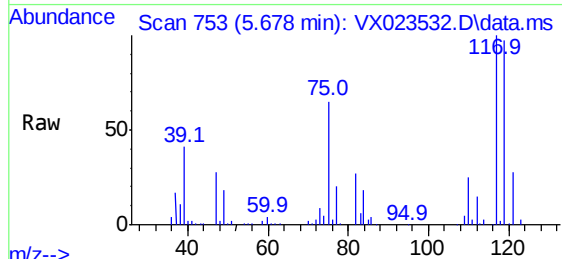
#33
Carbon Tetrachloride
Concen: 19.25 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:117 Resp: 62943
Ion Ratio Lower Upper
117 100
119 97.1 75.4 113.2
121 28.0 24.1 36.1

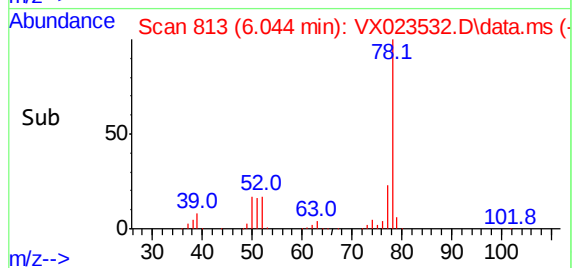
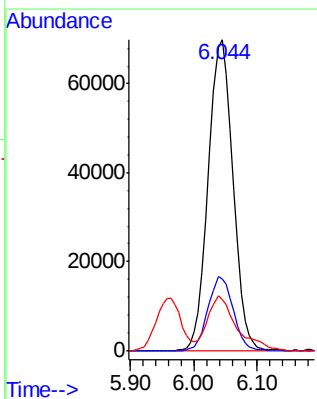
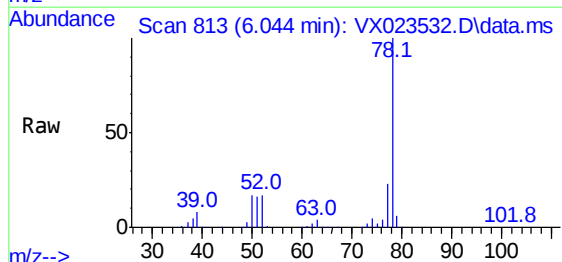
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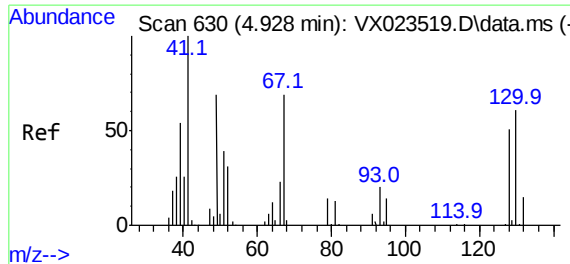
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#34
Benzene
Concen: 19.57 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 78 Resp: 183359
Ion Ratio Lower Upper
78 100
77 23.1 19.3 28.9
51 15.3 12.2 18.4





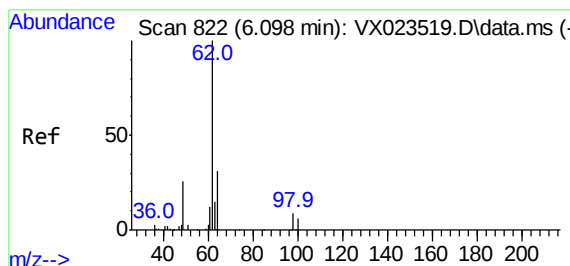
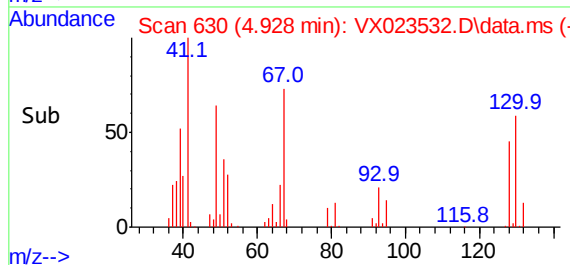
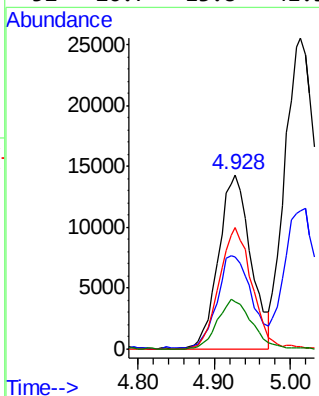
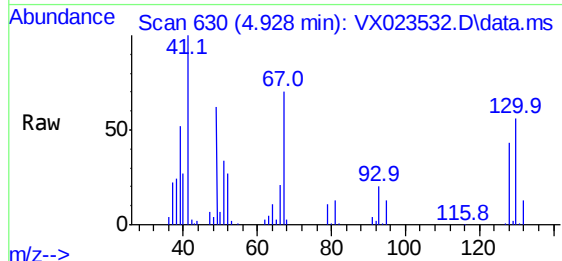
#35
Methacrylonitrile
Concen: 20.03 ug/l
RT: 4.928 min Scan# 630
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 41 Resp: 41966
Ion Ratio Lower Upper
41 100
39 51.7 27.4 82.2
67 69.8 34.6 103.9
52 26.7 13.8 41.3

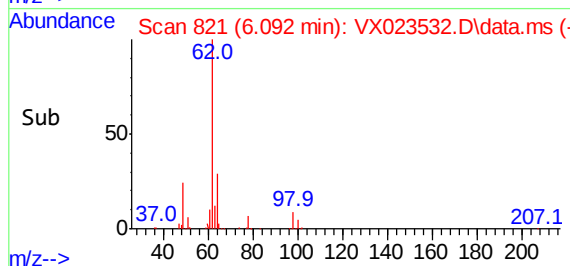
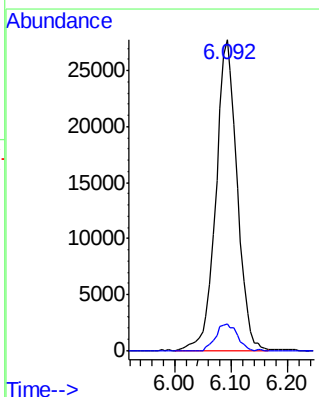
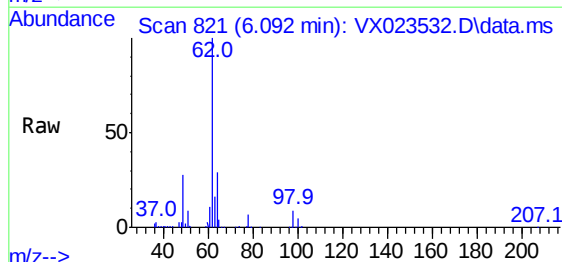
Manual Integrations
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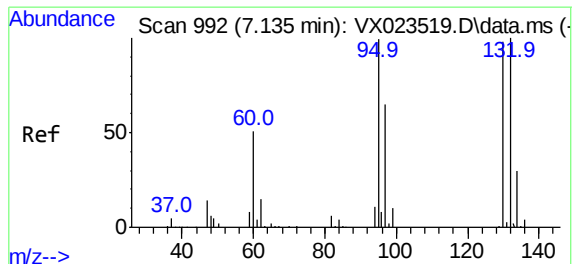
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#36
1,2-Dichloroethane
Concen: 20.23 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 62 Resp: 72432
Ion Ratio Lower Upper
62 100
98 8.5 7.0 10.4





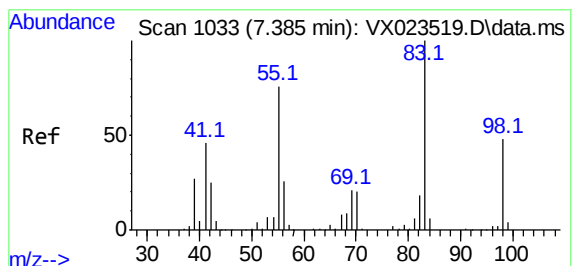
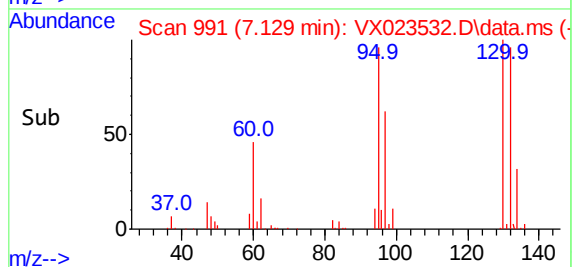
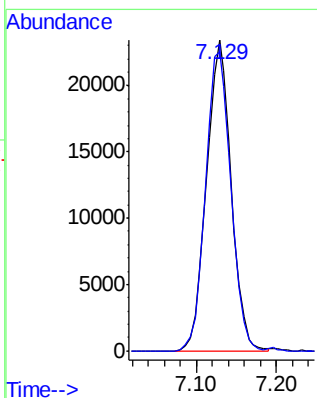
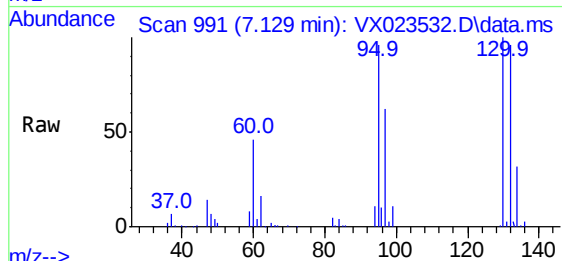
#37
Trichloroethene
Concen: 19.62 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:130 Resp: 49952
Ion Ratio Lower Upper
130 100
95 96.3 77.0 115.4

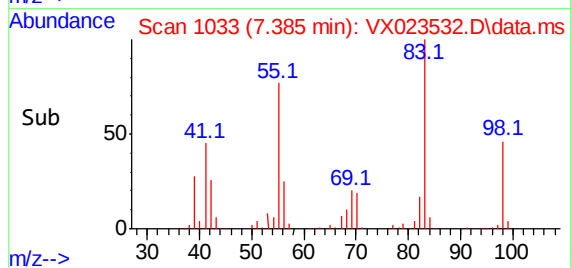
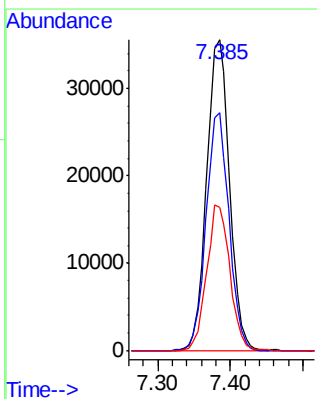
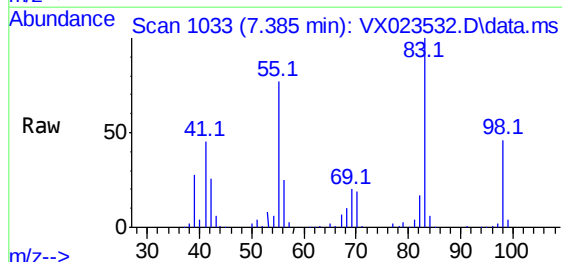
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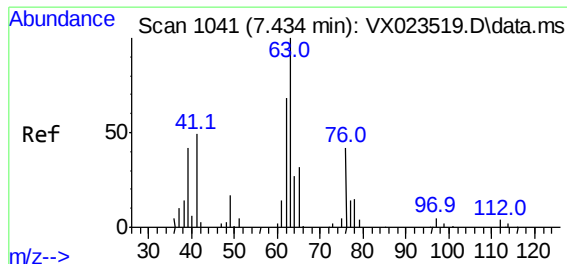
MMDadoda
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#38
Methylcyclohexane
Concen: 19.52 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 83 Resp: 77179
Ion Ratio Lower Upper
83 100
55 76.6 37.8 113.4
98 47.4 23.4 70.3





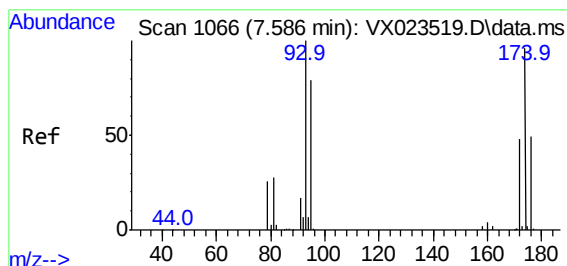
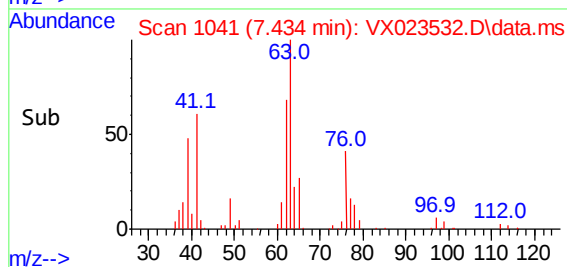
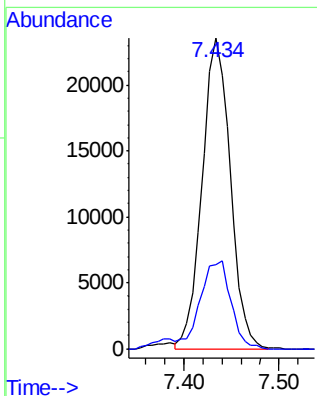
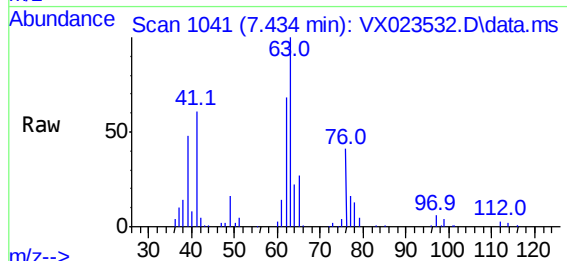
#39
1,2-Dichloropropane
Concen: 19.54 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 47916
Ion Ratio Lower Upper
63 100
65 27.3 23.4 35.0

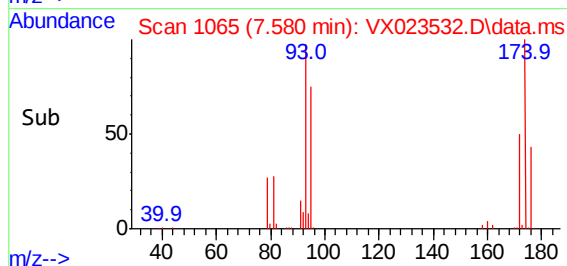
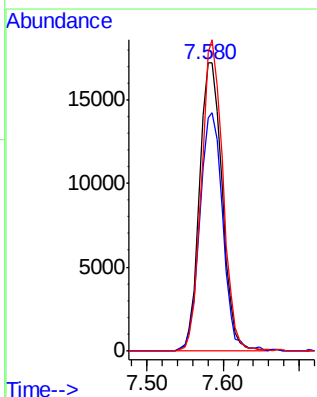
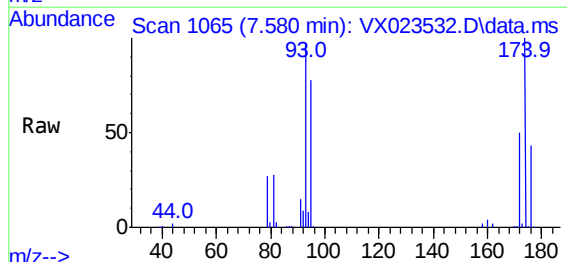
Manual Integrations
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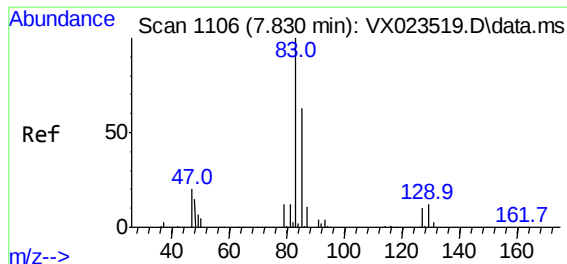
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#40
Dibromomethane
Concen: 20.26 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 93 Resp: 35239
Ion Ratio Lower Upper
93 100
95 82.8 0.0 168.4
174 102.0 0.0 206.6





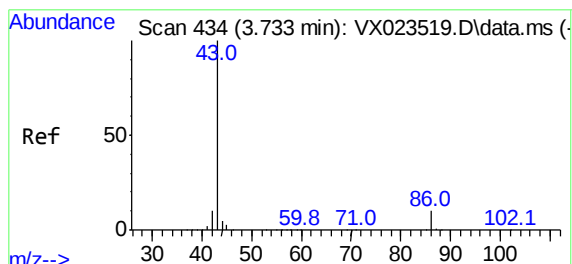
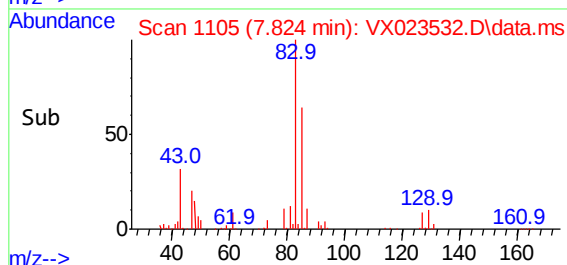
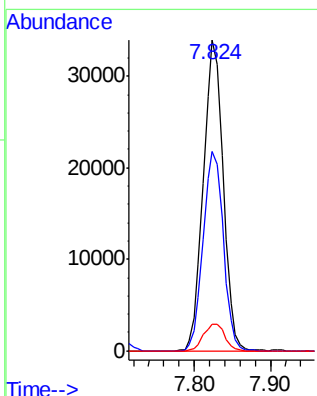
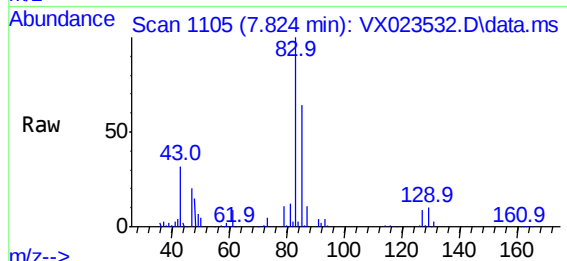
#41
Bromodichloromethane
Concen: 19.43 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 61354
Ion Ratio Lower Upper
83 100
85 64.0 51.7 77.5
127 8.6 7.4 11.0

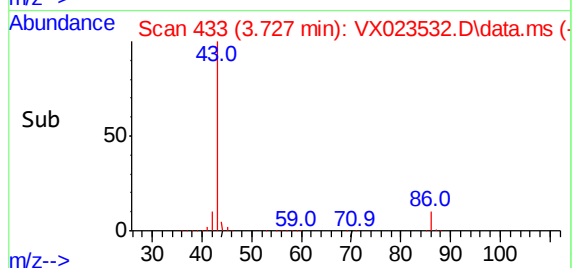
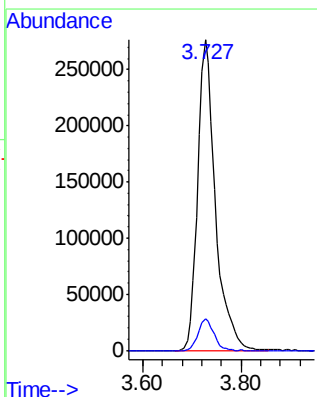
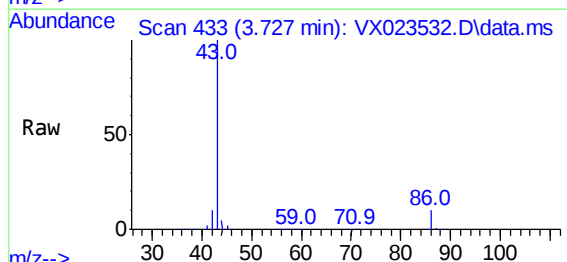
Manual Integrations
APPROVED

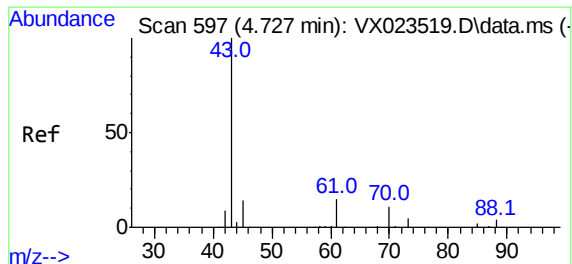
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#42
Vinyl Acetate
Concen: 102.41 ug/l
RT: 3.727 min Scan# 433
Delta R.T. -0.006 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 43 Resp: 694977
Ion Ratio Lower Upper
43 100
86 9.0 7.2 10.8





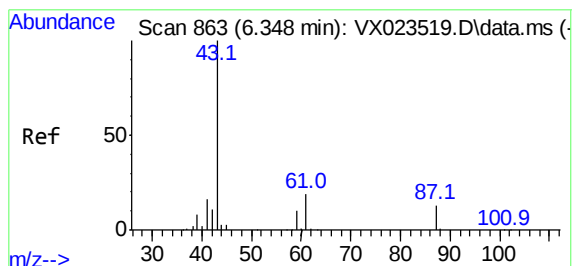
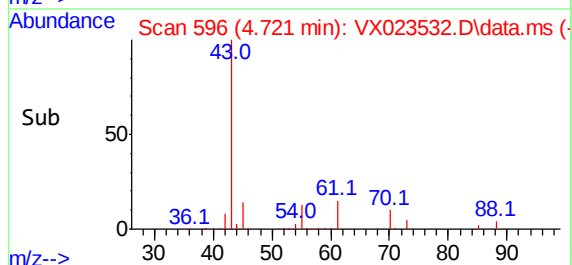
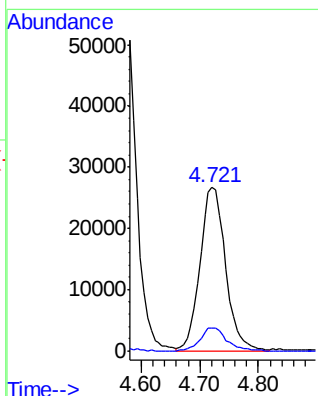
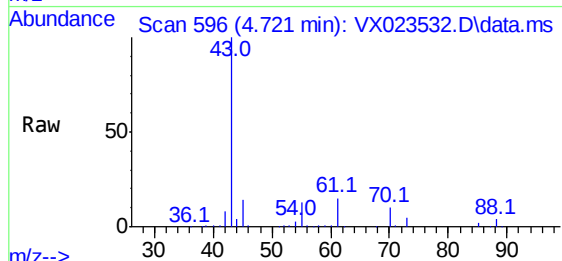
#43
Ethyl Acetate
Concen: 20.93 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 80902
Ion Ratio Lower Upper
43 100
45 14.4 12.1 18.1

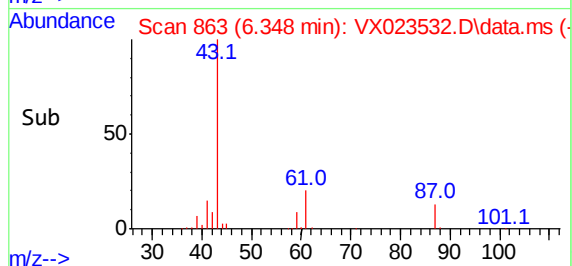
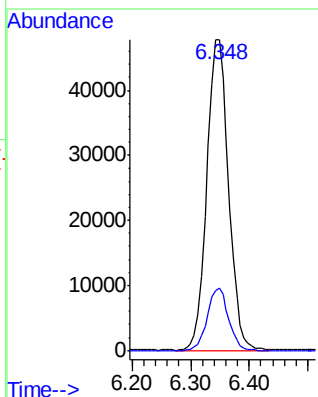
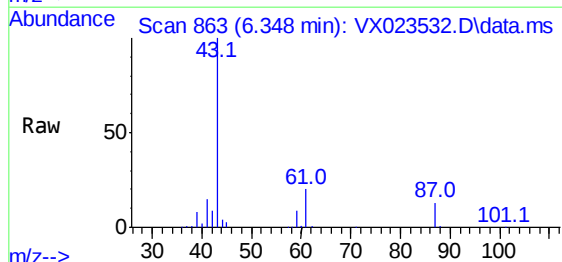
Manual Integrations
APPROVED

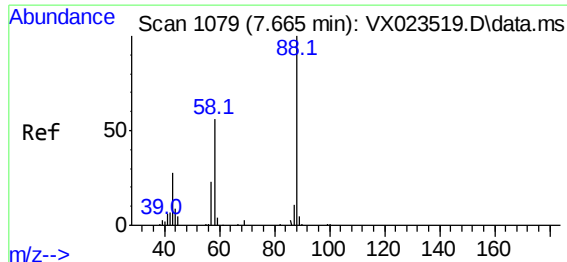
MMDadoda
8/6/2021 11:09:14 AM



#44
Isopropyl Acetate
Concen: 20.00 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 43 Resp: 123062
Ion Ratio Lower Upper
43 100
61 19.4 15.4 23.2





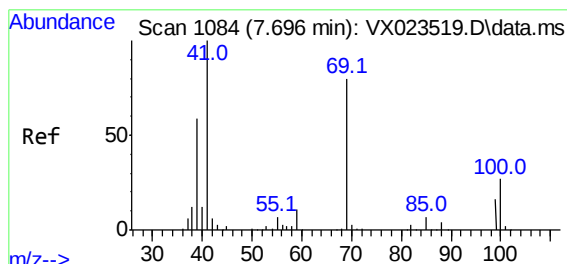
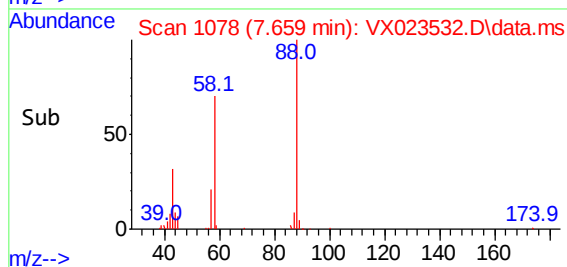
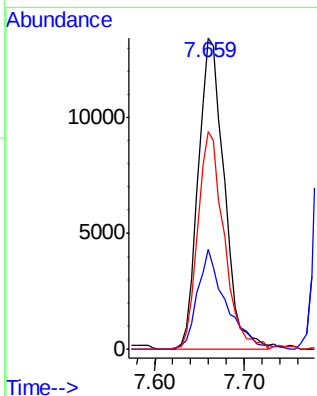
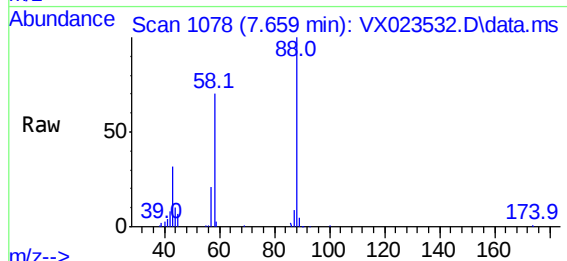
#45
1,4-Dioxane
Concen: 425.56 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.006 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 88 Resp: 27170
Ion Ratio Lower Upper
88 100
43 34.7 25.3 37.9
58 70.1 53.1 79.7

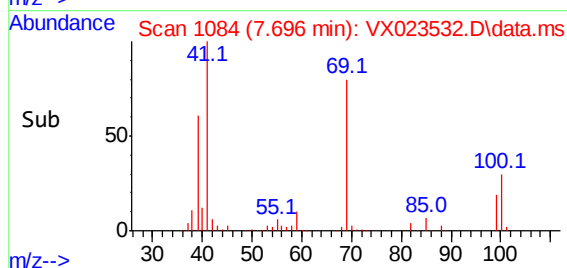
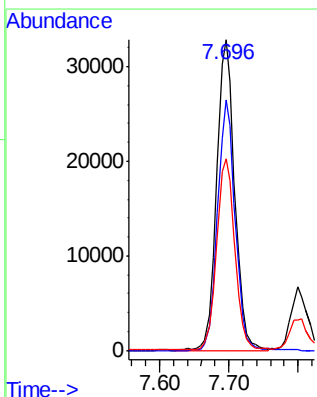
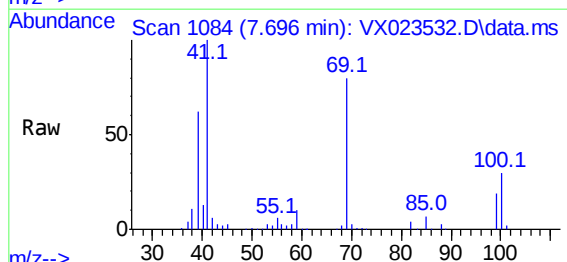
Manual Integrations
APPROVED

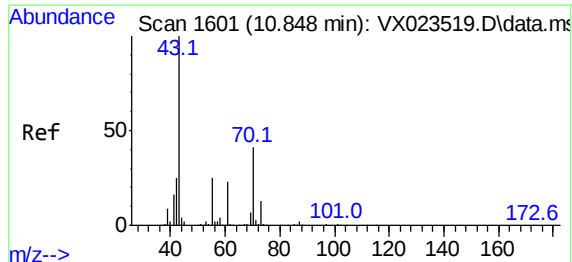
MMDadoda
8/6/2021 11:09:14 AM



#46
Methyl methacrylate
Concen: 20.12 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 41 Resp: 59715
Ion Ratio Lower Upper
41 100
69 80.4 39.5 118.5
39 61.3 29.0 87.1





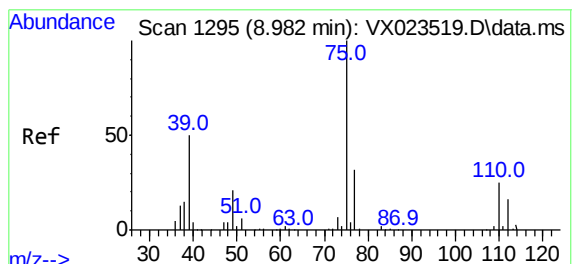
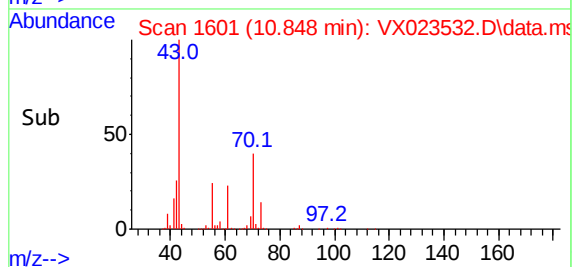
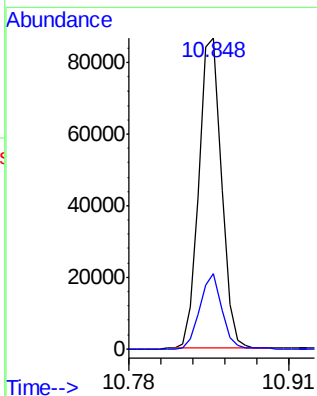
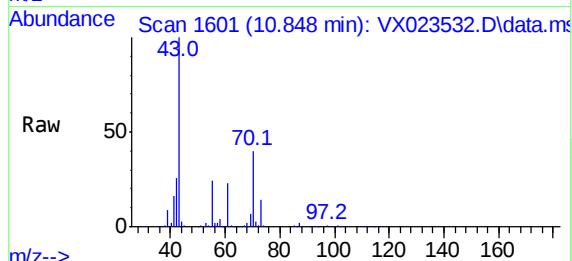
#47
n-amy1 Acetate
Concen: 19.96 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 104509
Ion Ratio Lower Upper
43 100
55 23.4 18.9 28.3

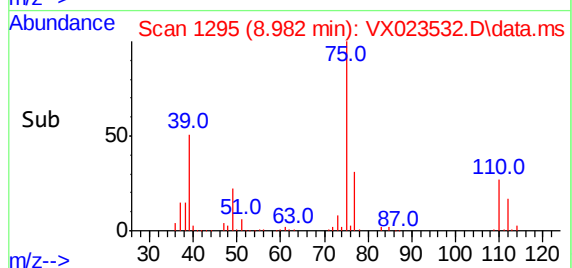
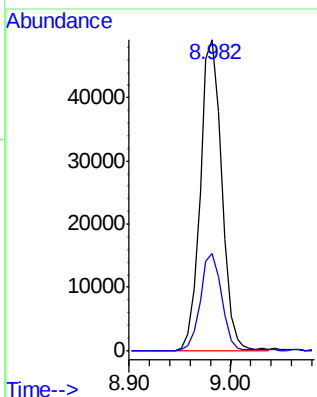
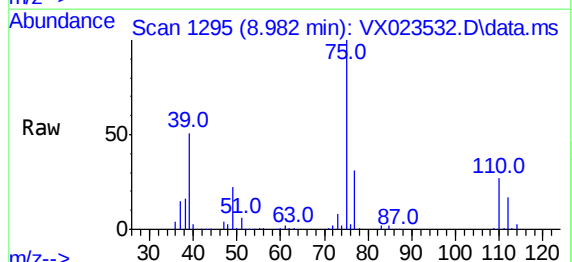
Manual Integrations
APPROVED

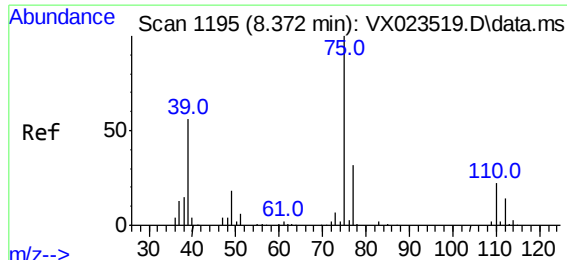
MMDadoda
8/6/2021 11:09:14 AM



#48
t-1,3-Dichloropropene
Concen: 19.59 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 75 Resp: 72216
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.8





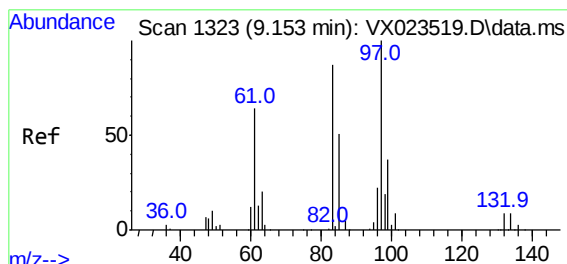
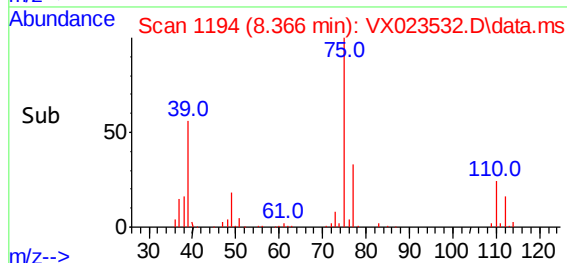
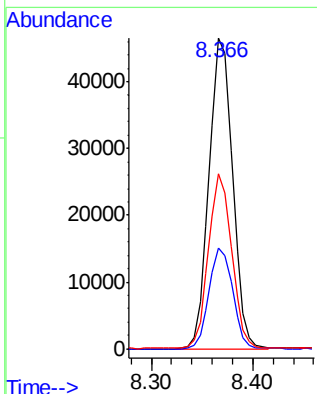
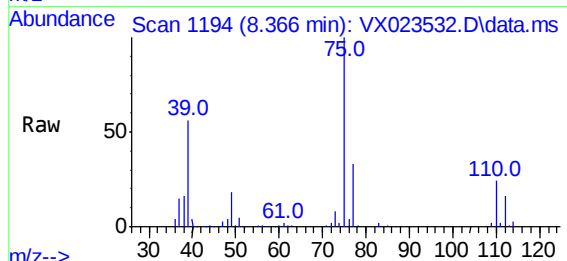
#49
cis-1,3-Dichloropropene
Concen: 19.09 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 75 Resp: 74639
Ion Ratio Lower Upper
75 100
77 32.6 23.6 35.4
39 56.2 44.0 66.0

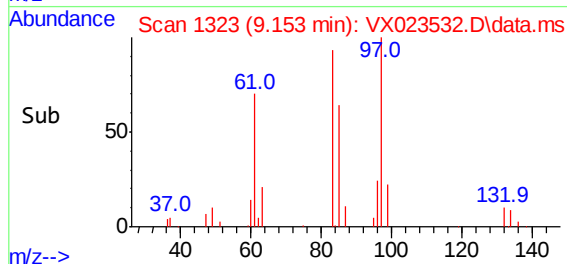
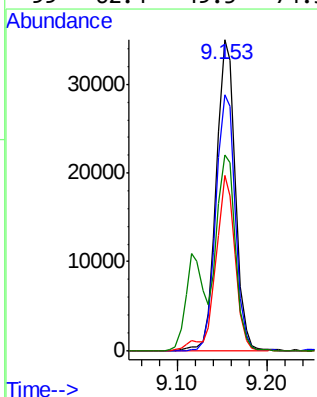
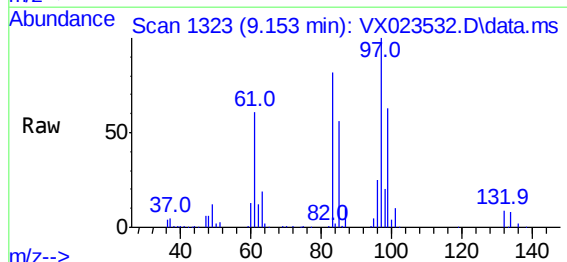
Manual Integrations
APPROVED

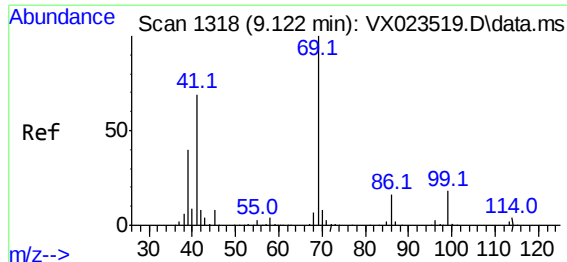
MMDadoda
8/6/2021 11:09:14 AM



#50
1,1,2-Trichloroethane
Concen: 20.56 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 97 Resp: 51643
Ion Ratio Lower Upper
97 100
83 82.3 64.2 96.4
85 56.2 42.4 63.6
99 62.4 49.5 74.3





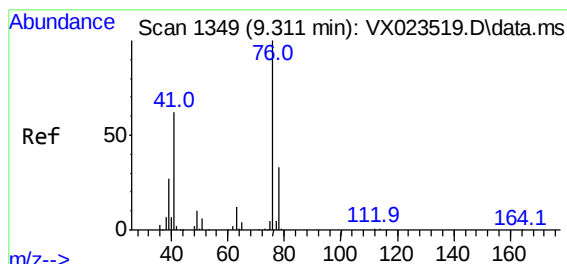
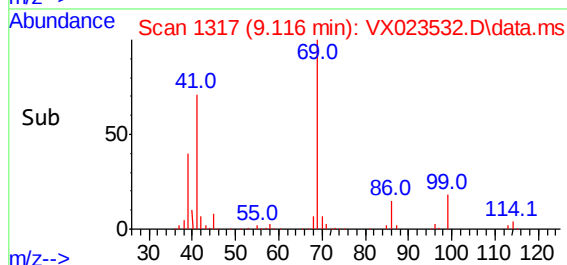
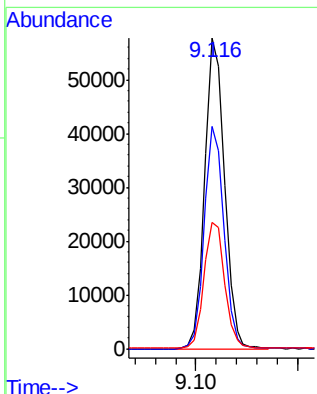
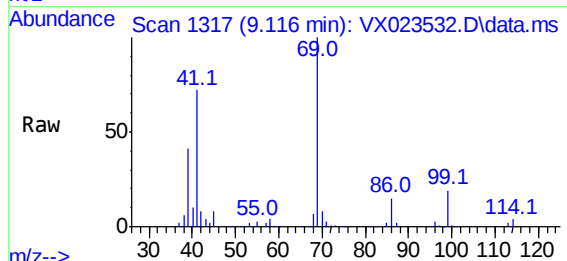
#51
Ethyl methacrylate
Concen: 19.65 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 69 Resp: 77827
Ion Ratio Lower Upper
69 100
41 71.5 35.8 107.3
39 40.6 20.3 60.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

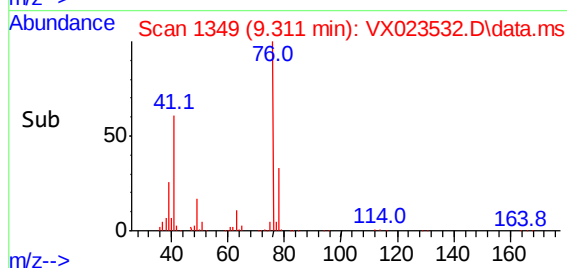
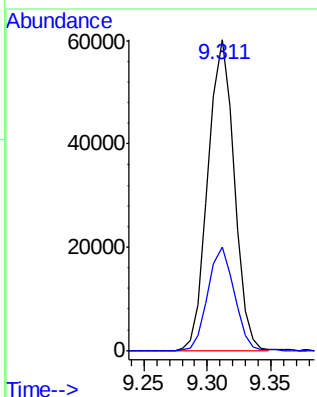
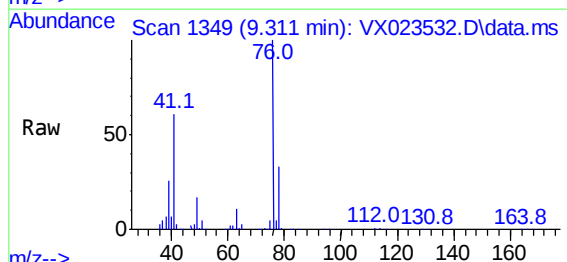
Manual Integrations
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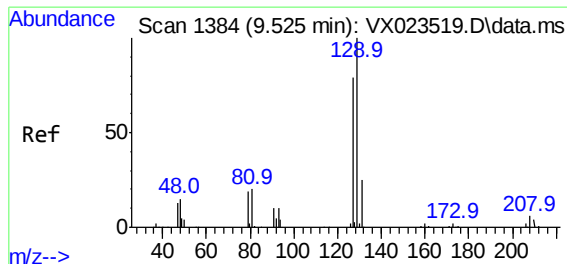
MMDadoda
8/6/2021 11:09:14 AM



#52
1,3-Dichloropropane
Concen: 20.41 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 76 Resp: 84176
Ion Ratio Lower Upper
76 100
78 33.3 0.0 64.0





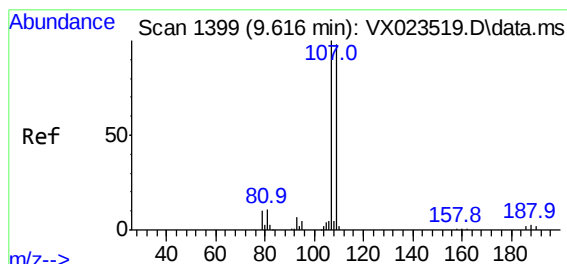
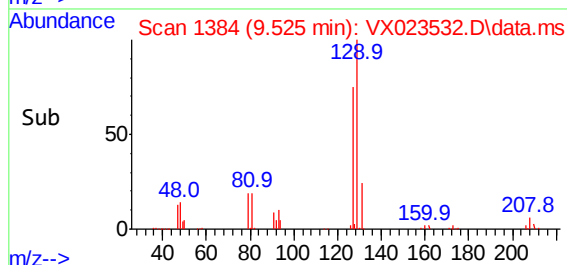
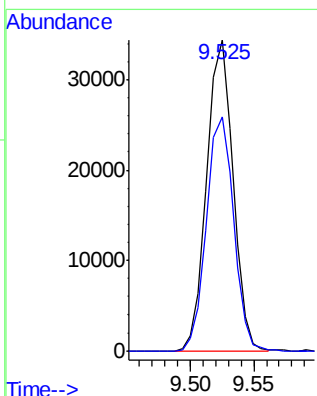
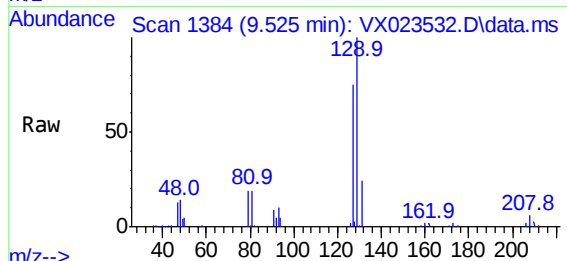
#53
 Dibromochloromethane
 Concen: 19.11 ug/l
 RT: 9.525 min Scan# 1384
 Delta R.T. 0.000 min
 Lab File: VX023532.D
 Acq: 04 Aug 2021 10:03

Tgt Ion:129 Resp: 48242
 Ion Ratio Lower Upper
 129 100
 127 77.7 39.3 117.9

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

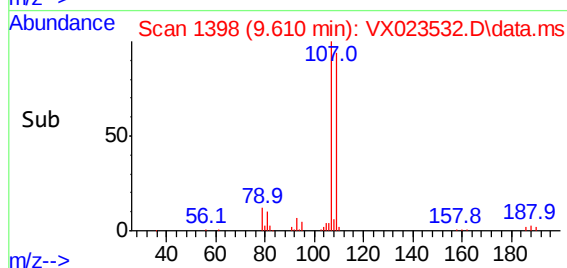
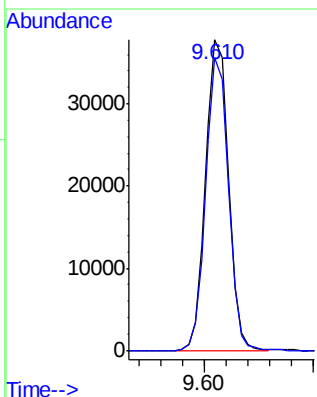
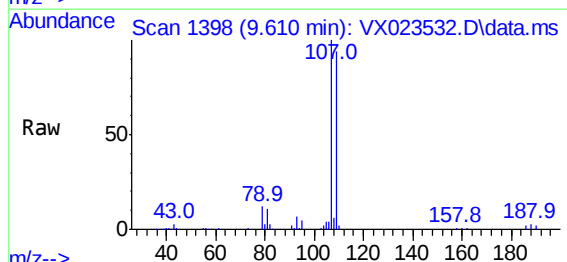
Manual Integrations
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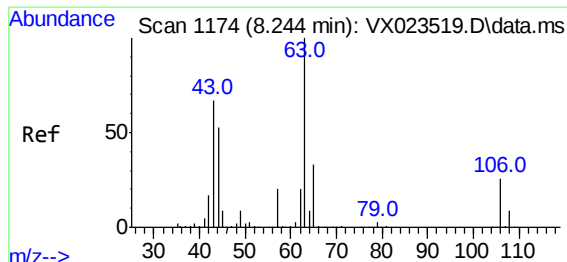
MMDadoda
 8/6/2021 11:09:14 AM



#54
 1,2-Dibromoethane
 Concen: 20.61 ug/l
 RT: 9.610 min Scan# 1398
 Delta R.T. -0.006 min
 Lab File: VX023532.D
 Acq: 04 Aug 2021 10:03

Tgt Ion:107 Resp: 54798
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.3 112.9





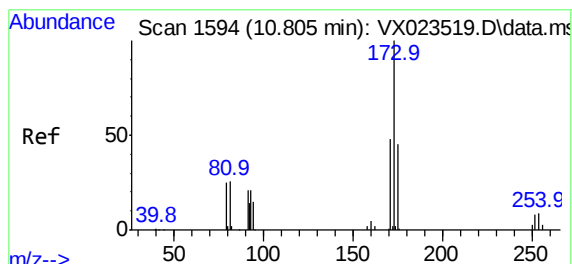
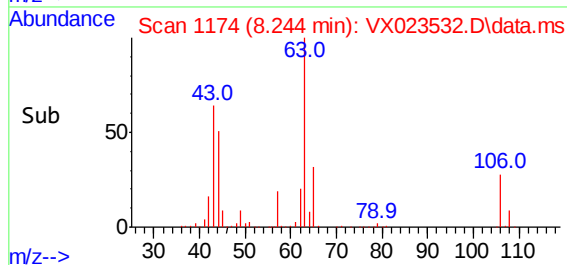
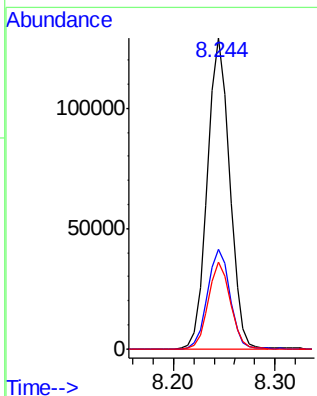
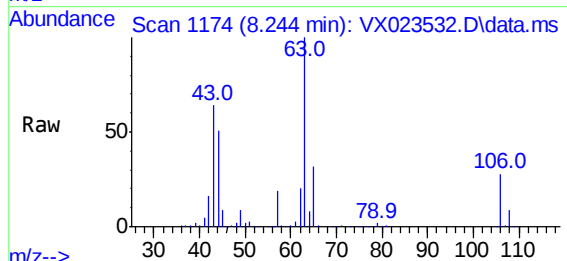
#55
2-Chloroethyl vinyl ether
Concen: 98.64 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 195139
Ion Ratio Lower Upper
63 100
65 32.2 25.8 38.6
106 27.6 21.8 32.8

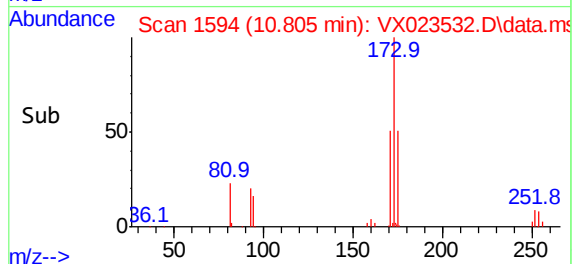
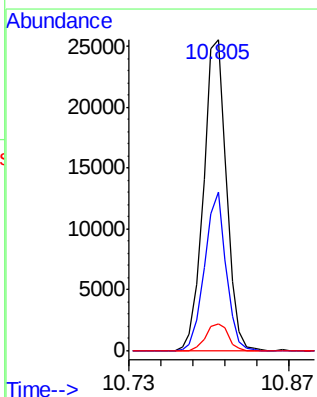
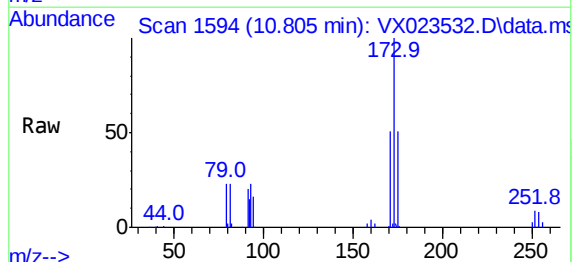
Manual Integrations
APPROVED

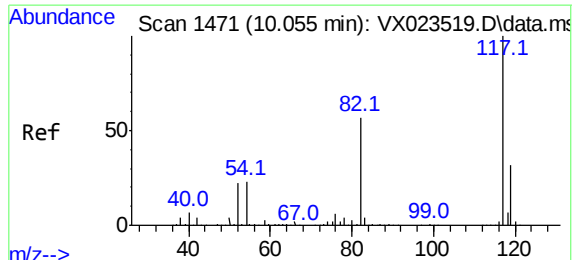
MMDadoda
8/6/2021 11:09:14 AM



#56
Bromoform
Concen: 19.27 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 173 Resp: 34915
Ion Ratio Lower Upper
173 100
175 47.7 38.4 57.6
254 8.4 7.3 10.9





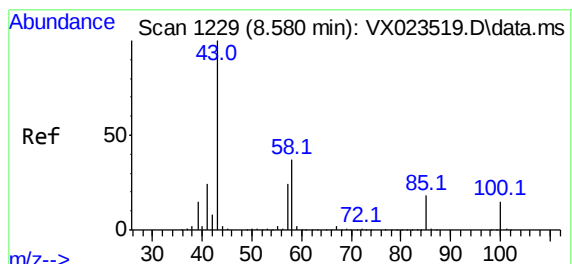
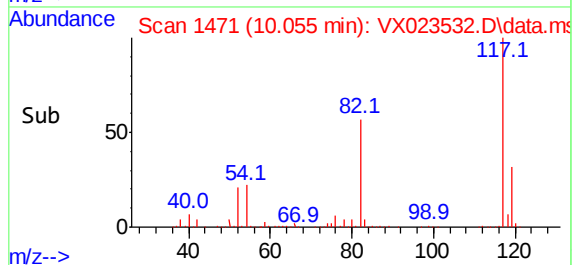
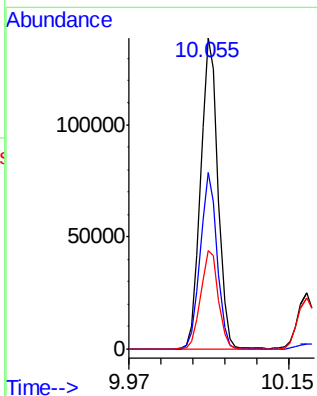
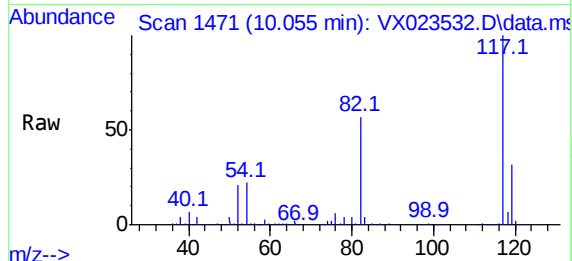
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:117 Resp: 186830
Ion Ratio Lower Upper
117 100
82 55.1 45.0 67.4
119 32.1 26.2 39.2

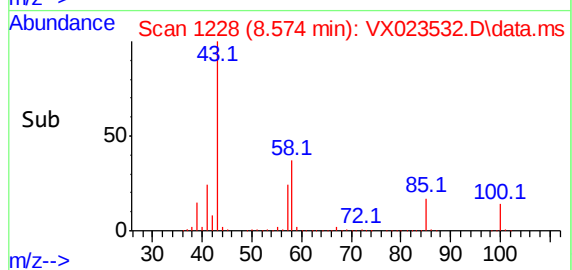
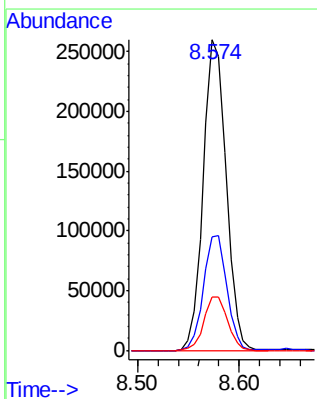
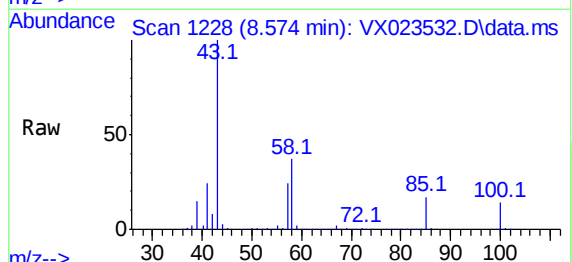
Manual Integrations
APPROVED

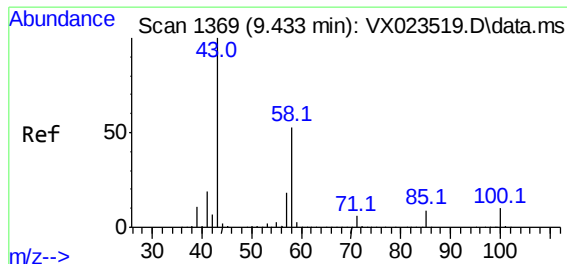
MMDadoda
8/6/2021 11:09:14 AM



#58
4-Methyl-2-Pentanone
Concen: 100.85 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 43 Resp: 406215
Ion Ratio Lower Upper
43 100
58 37.7 30.5 45.7
85 17.7 14.0 21.0





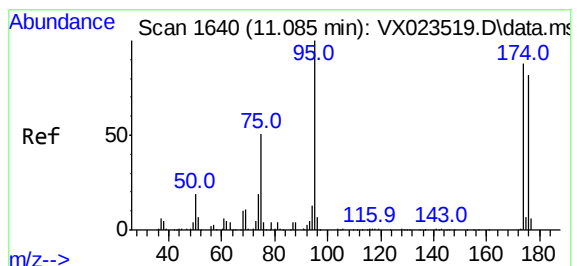
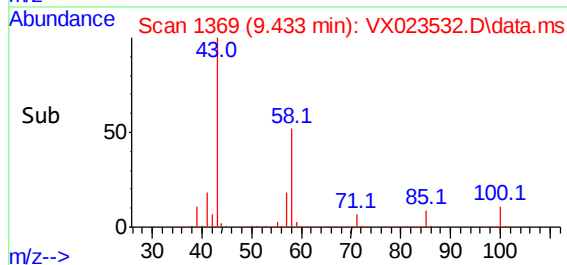
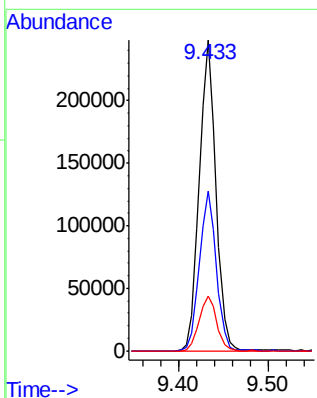
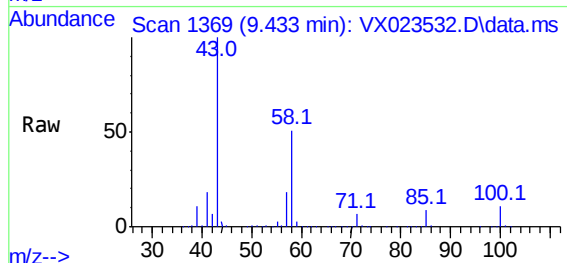
#59
2-Hexanone
Concen: 102.58 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 320849
Ion Ratio Lower Upper
43 100
58 52.1 42.1 63.1
57 18.4 14.9 22.3

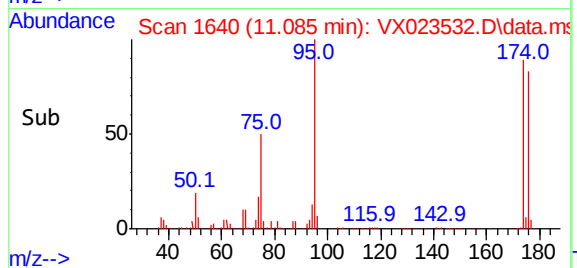
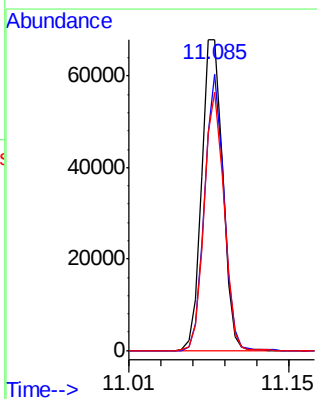
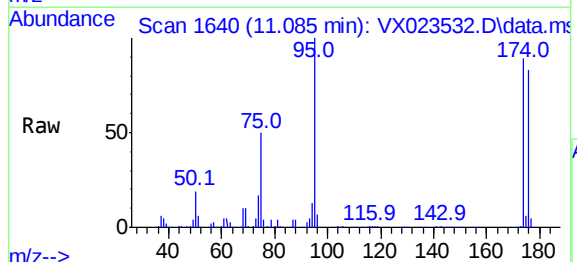
Manual Integrations
APPROVED

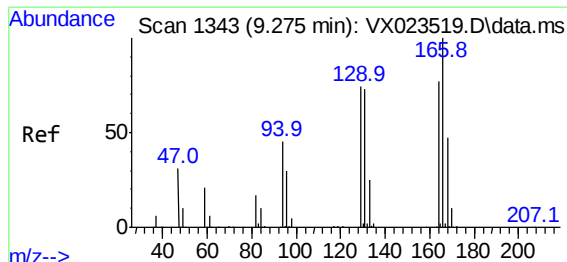
MMDadoda
8/6/2021 11:09:14 AM



#60
4-Bromofluorobenzene
Concen: 29.56 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 95 Resp: 90467
Ion Ratio Lower Upper
95 100
174 81.2 63.5 95.3
176 78.0 63.0 94.4





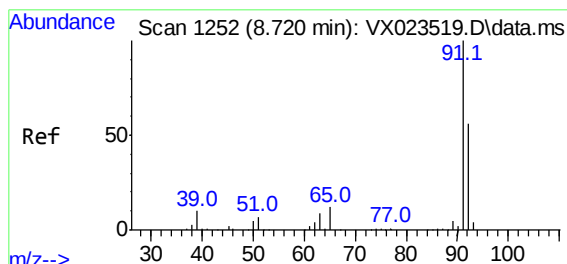
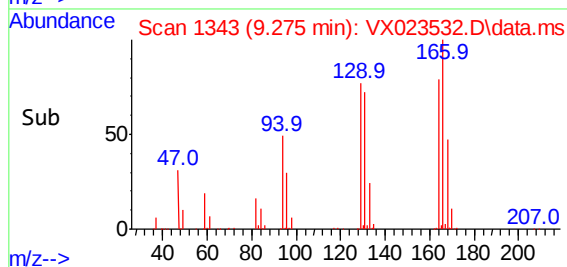
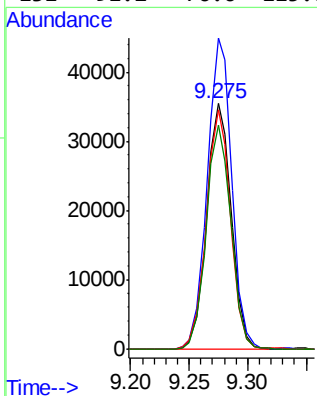
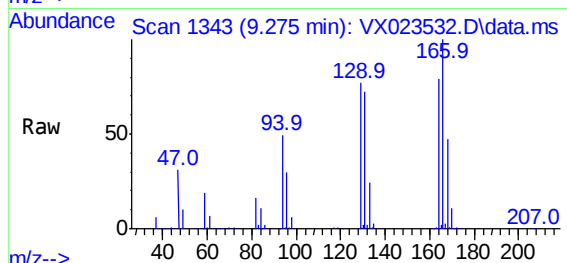
#61
Tetrachloroethene
Concen: 20.74 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:164 Resp: 52070
Ion Ratio Lower Upper
164 100
166 126.8 98.6 147.8
129 97.4 79.7 119.5
131 91.2 76.6 115.0

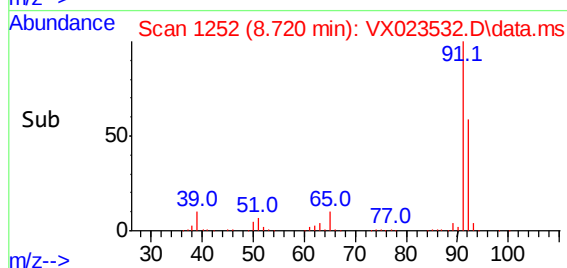
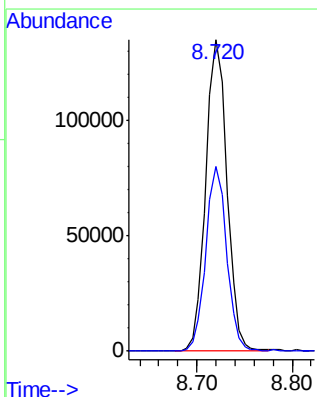
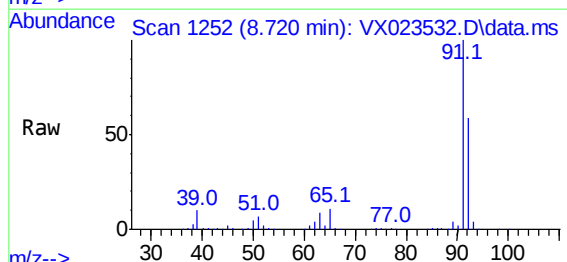
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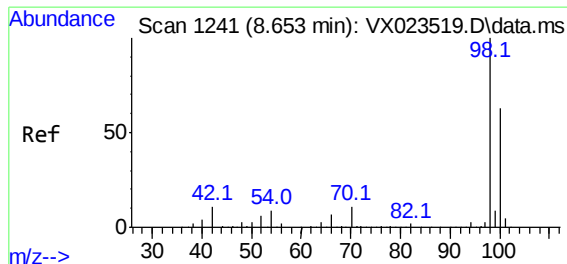
MMDadoda
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#62
Toluene
Concen: 19.45 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 91 Resp: 204973
Ion Ratio Lower Upper
91 100
92 58.1 46.5 69.7

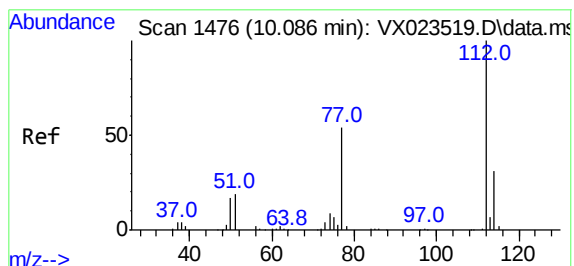
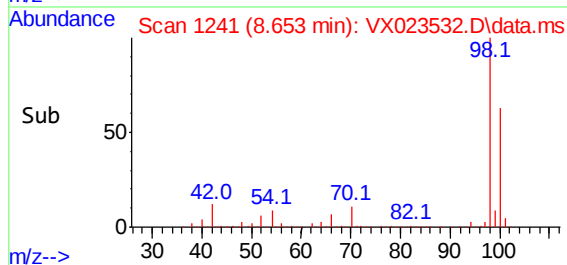
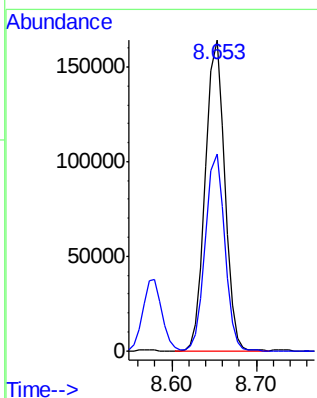
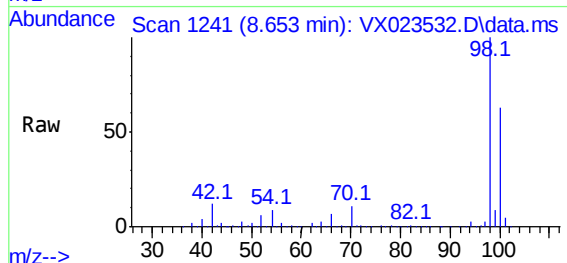




#63
Toluene-d8
Concen: 29.83 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

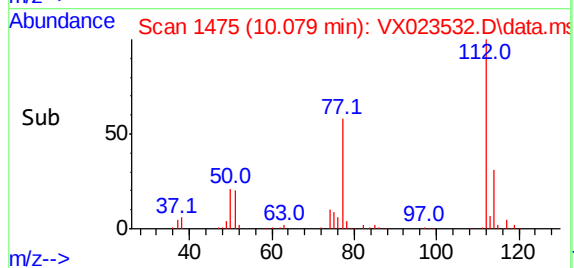
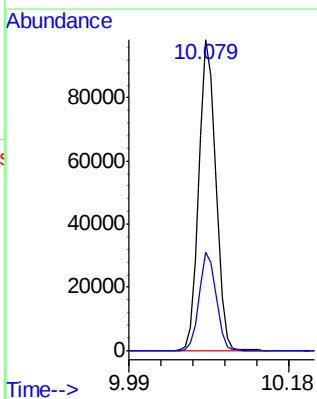
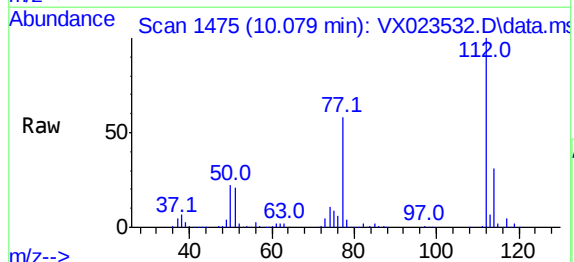
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

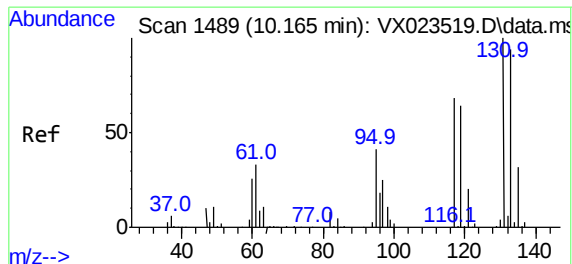
Tgt Ion: 98 Resp: 250818
Ion Ratio Lower Upper
98 100
100 63.4 51.4 77.0



#64
Chlorobenzene
Concen: 19.75 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 112 Resp: 131738
Ion Ratio Lower Upper
112 100
114 31.5 26.0 39.0





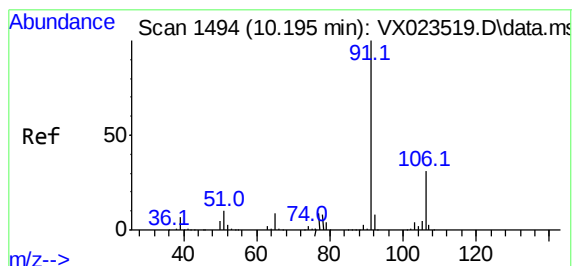
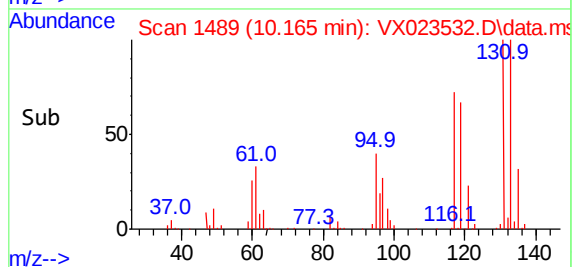
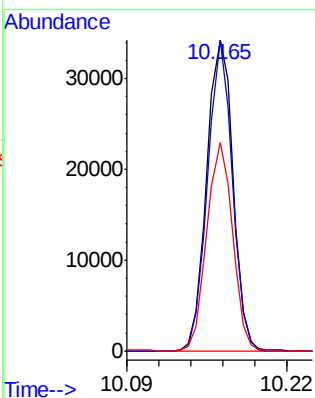
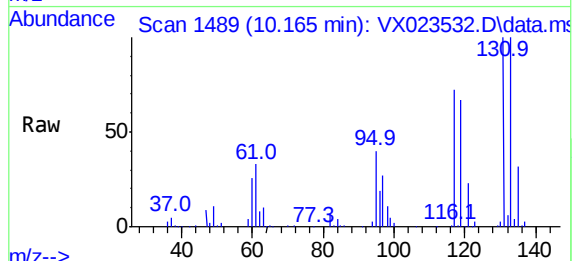
#65
1,1,1,2-Tetrachloroethane
Concen: 19.31 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:131 Resp: 47687
Ion Ratio Lower Upper
131 100
133 94.1 0.0 191.2
119 65.8 0.0 133.2

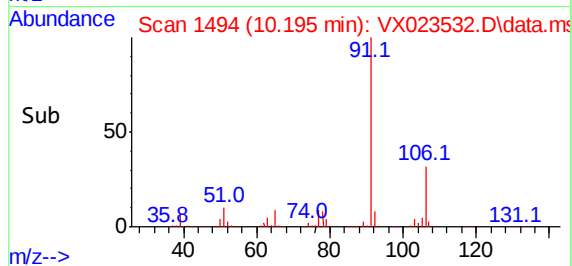
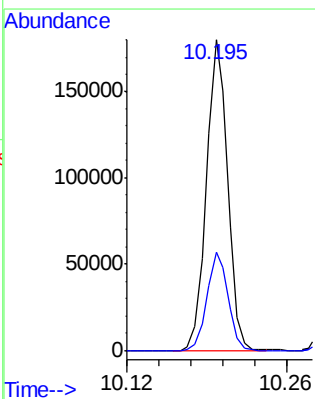
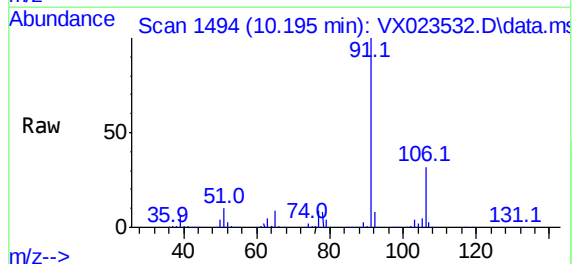
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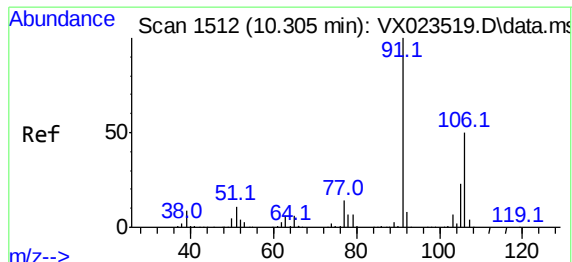
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#66
Ethyl Benzene
Concen: 19.49 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 91 Resp: 227378
Ion Ratio Lower Upper
91 100
106 31.7 24.7 37.1





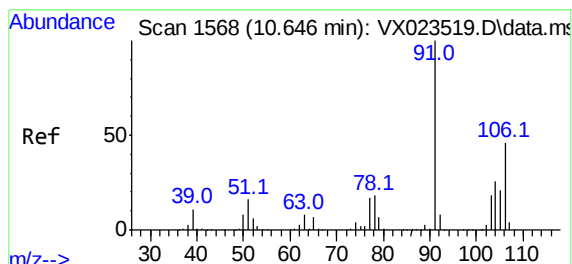
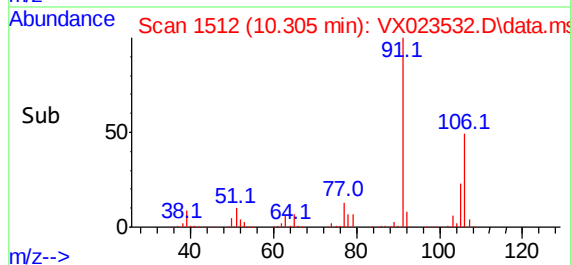
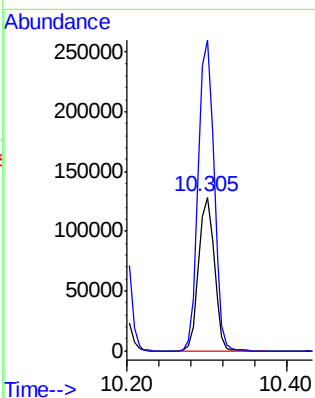
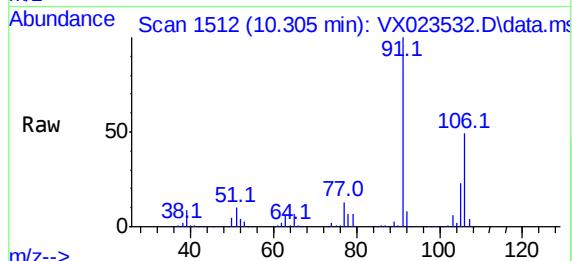
#67
m/p-Xylenes
Concen: 38.57 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion:106 Resp: 174001
Ion Ratio Lower Upper
106 100
91 203.8 162.4 243.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

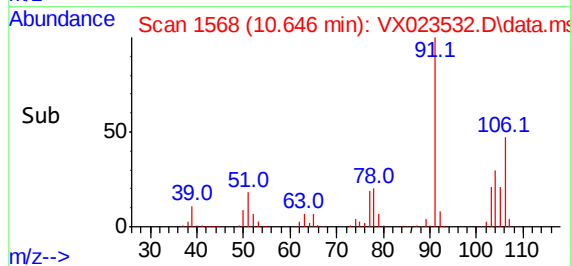
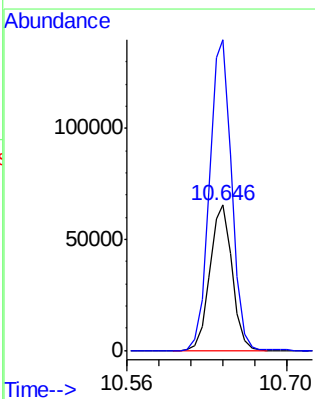
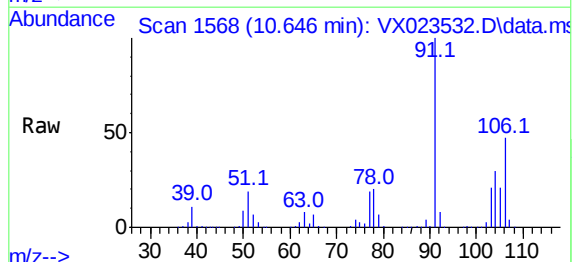
Manual Integrations
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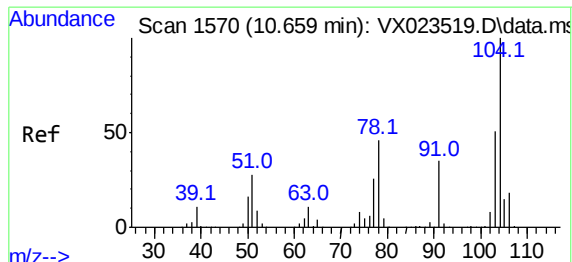
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#68
o-Xylene
Concen: 19.43 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion:106 Resp: 86412
Ion Ratio Lower Upper
106 100
91 213.0 107.3 321.8





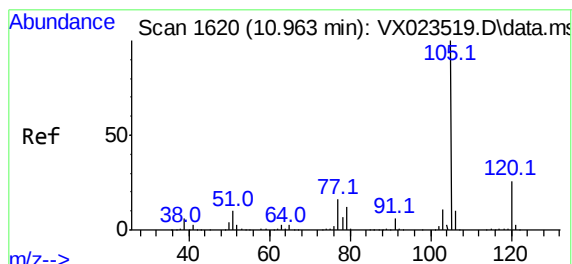
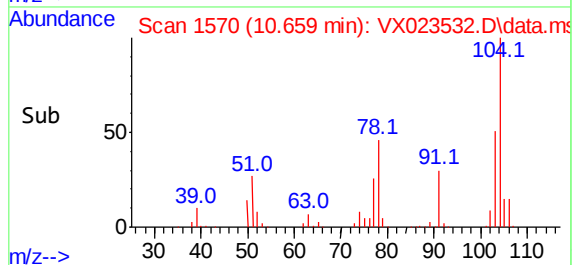
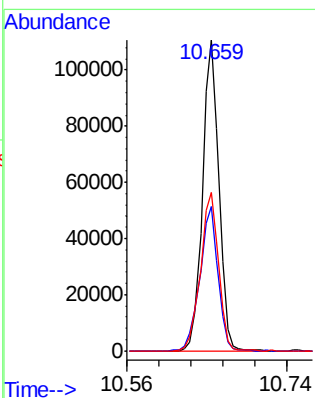
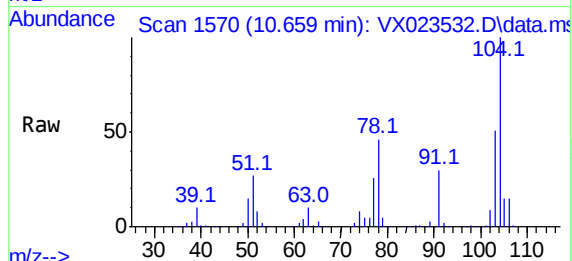
#69
Styrene
Concen: 19.21 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:104 Resp: 140818
Ion Ratio Lower Upper
104 100
78 51.3 41.4 62.0
103 56.3 44.2 66.4

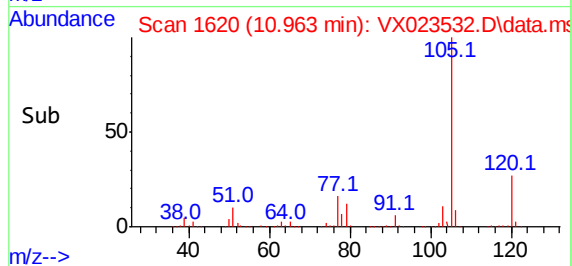
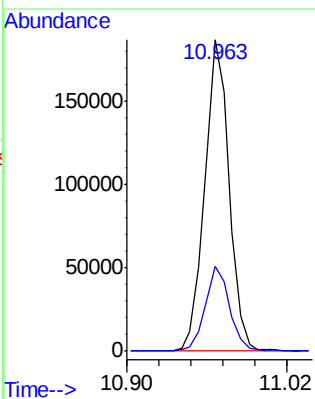
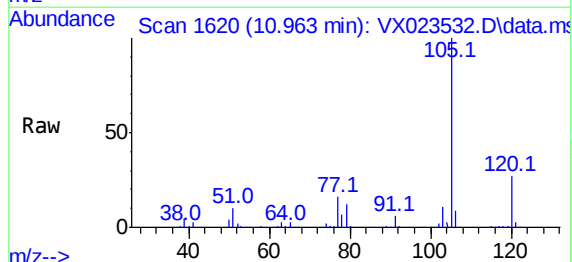
Manual Integrations
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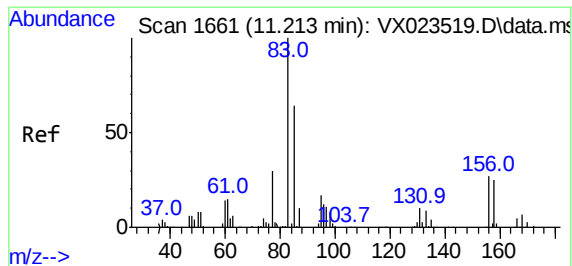
MMDadoda
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#70
Isopropylbenzene
Concen: 19.46 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion:105 Resp: 227582
Ion Ratio Lower Upper
105 100
120 26.7 18.7 34.7





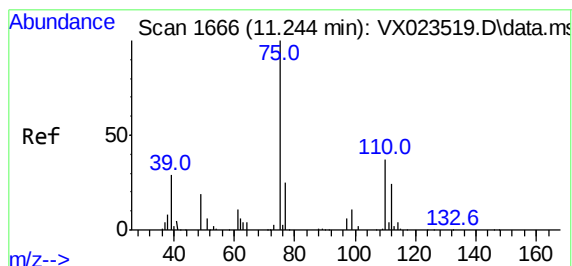
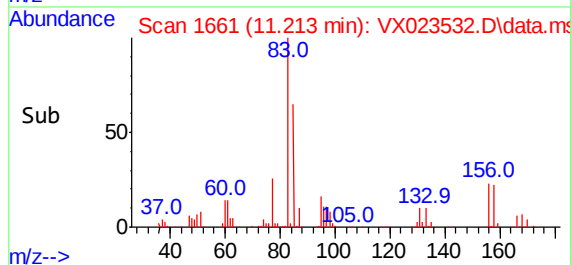
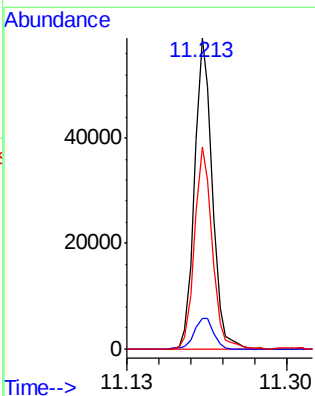
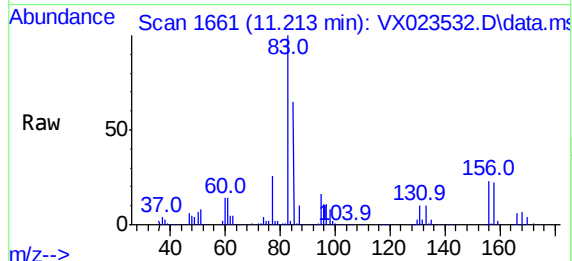
#71
1,1,2,2-Tetrachloroethane
Concen: 20.16 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 83 Resp: 75410
Ion Ratio Lower Upper
83 100
131 10.8 5.1 15.4
85 64.6 32.4 97.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

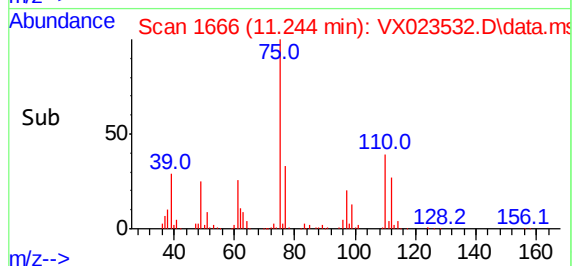
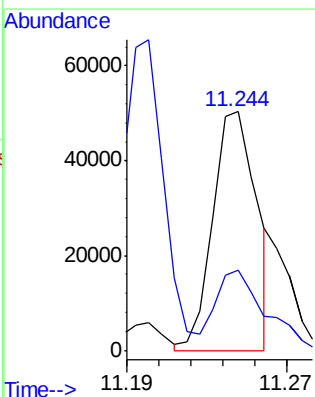
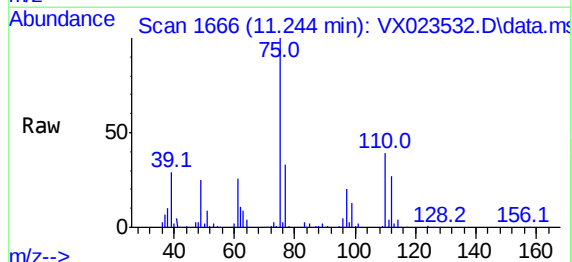
Manual Integrations
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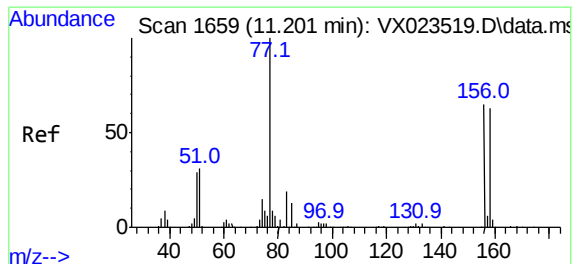
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#72
1,2,3-Trichloropropane
Concen: 20.77 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 75 Resp: 73030
Ion Ratio Lower Upper
75 100
77 37.6 0.0 77.4





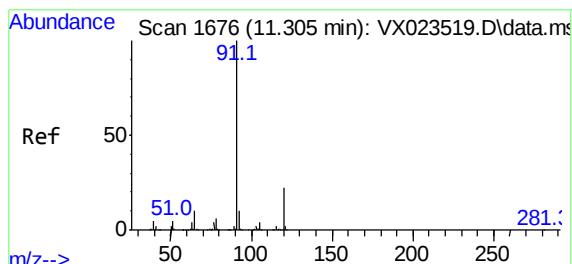
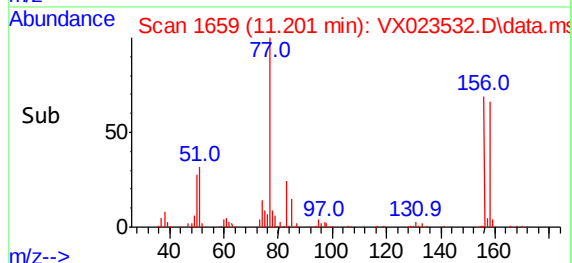
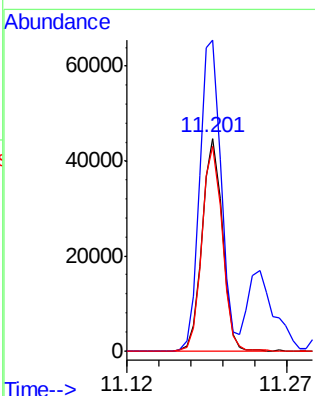
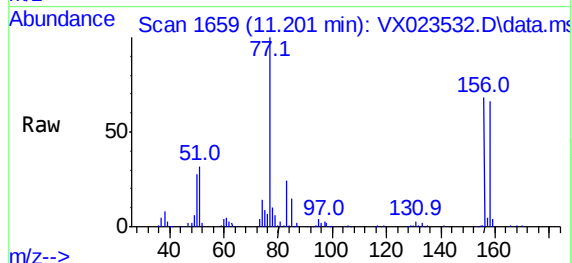
#73
Bromobenzene
Concen: 20.00 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 156 Resp: 56948
Ion Ratio Lower Upper
156 100
77 155.8 0.0 303.2
158 96.9 0.0 197.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

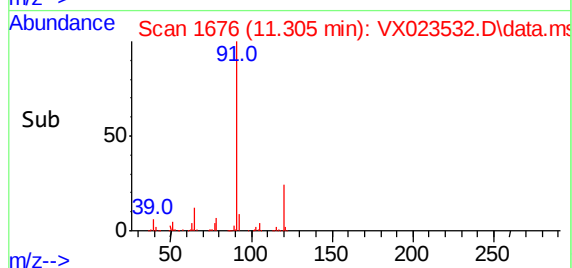
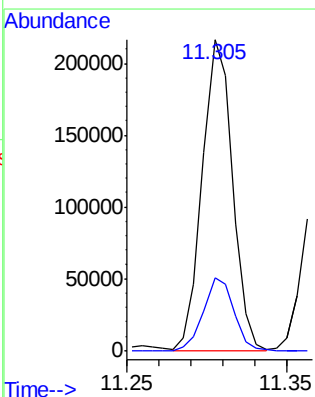
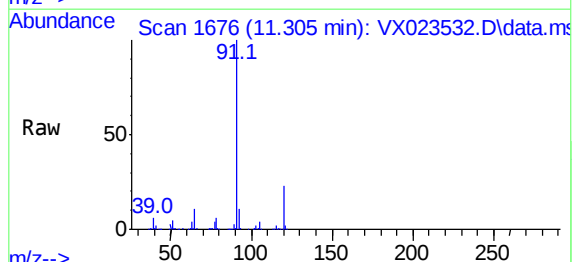
Manual Integrations
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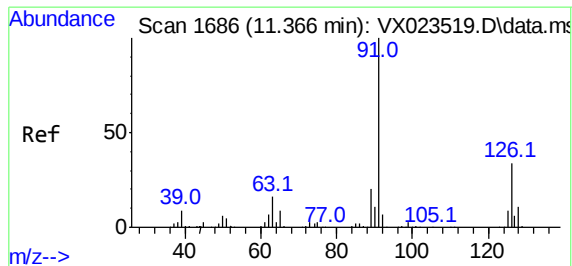
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#74
n-propylbenzene
Concen: 19.45 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 91 Resp: 263357
Ion Ratio Lower Upper
91 100
120 23.2 0.0 46.0





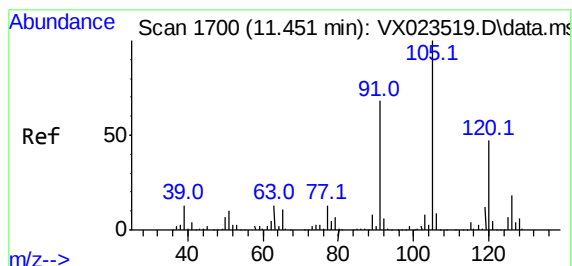
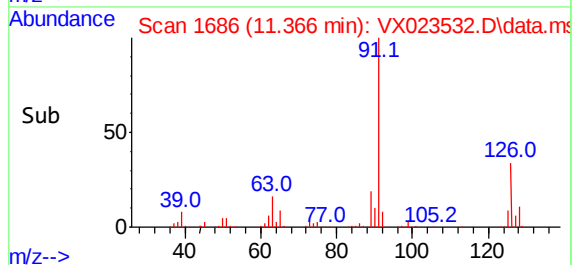
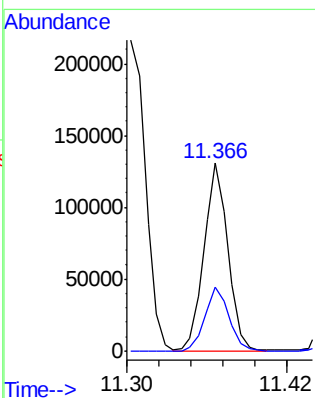
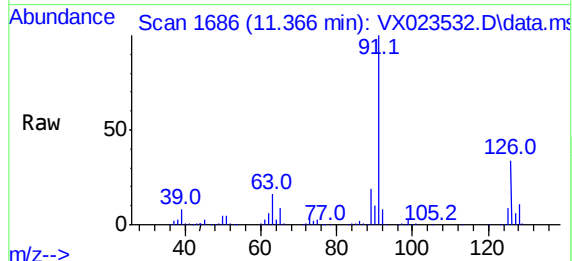
#75
2-Chlorotoluene
Concen: 19.41 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 156856
Ion Ratio Lower Upper
91 100
126 34.0 0.0 69.0

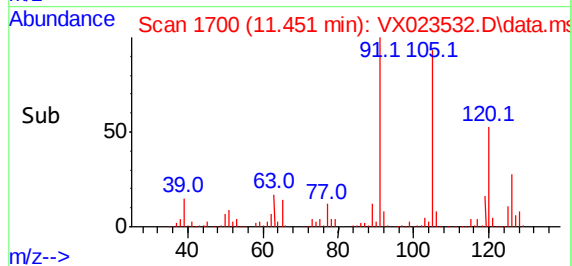
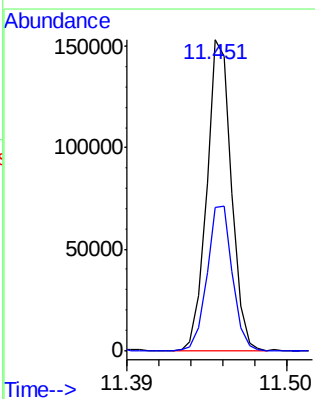
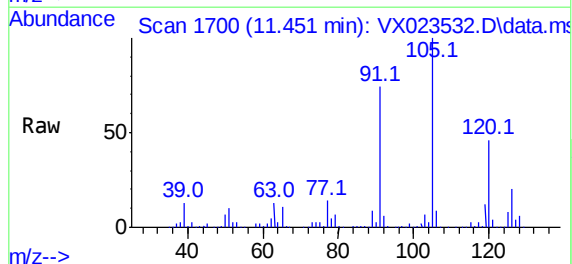
Manual Integrations
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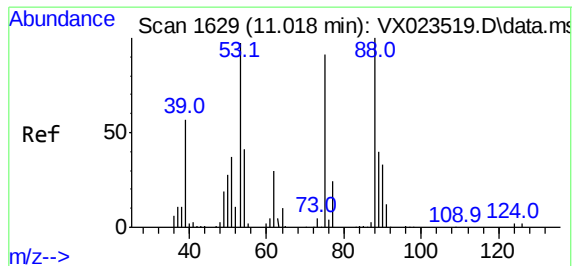
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#76
1,3,5-Trimethylbenzene
Concen: 19.51 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 105 Resp: 189210
Ion Ratio Lower Upper
105 100
120 47.7 0.0 98.0





#77
t-1,4-Dichloro-2-butene
Concen: 19.11 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

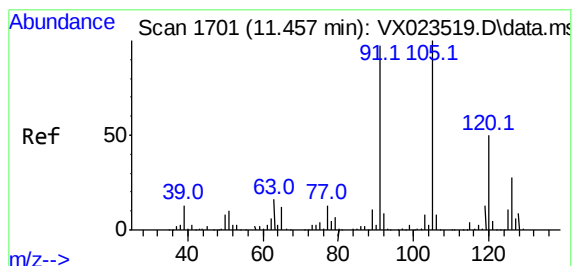
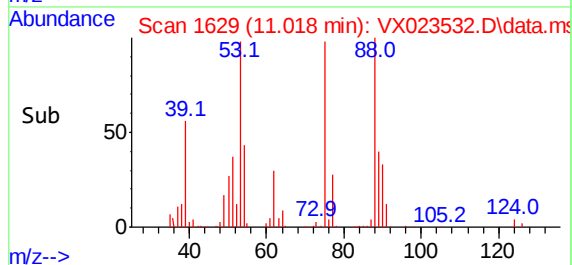
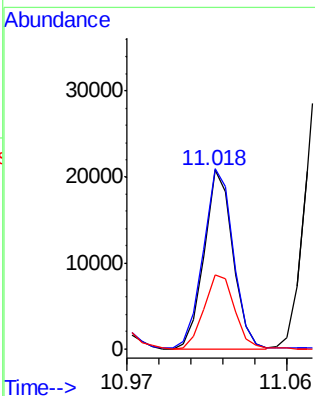
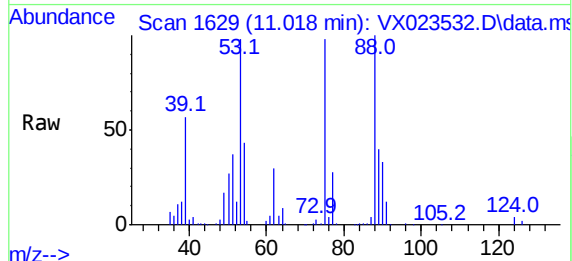
Tgt Ion: 75 Resp: 23986

Ion	Ratio	Lower	Upper
75	100		
53	100.2	53.9	161.7
89	41.1	22.9	68.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

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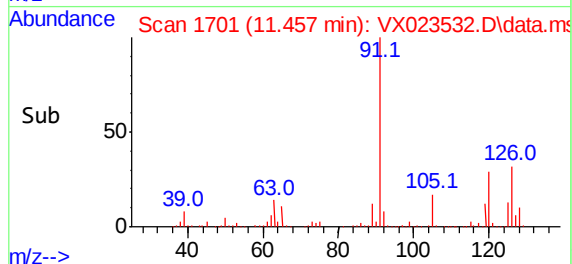
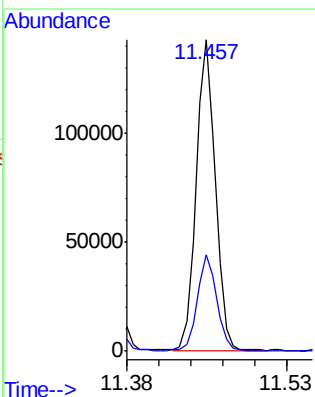
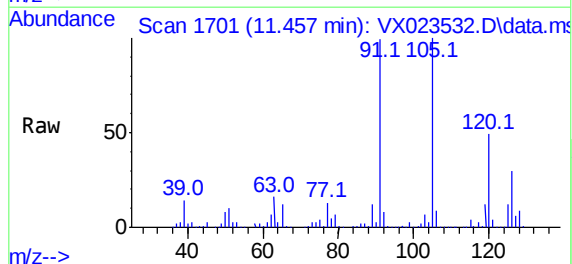
MMDadoda
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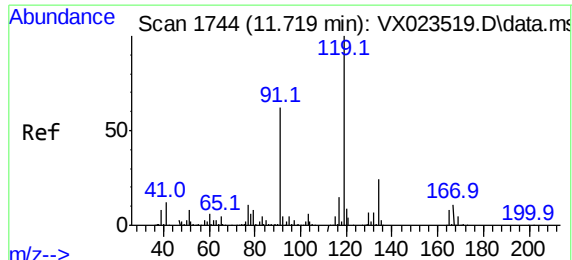


#78
4-Chlorotoluene
Concen: 19.10 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion: 91 Resp: 174403

Ion	Ratio	Lower	Upper
91	100		
126	30.7	0.0	59.6





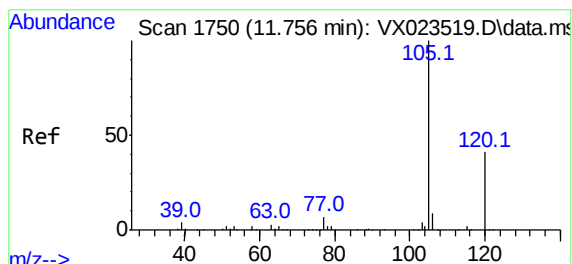
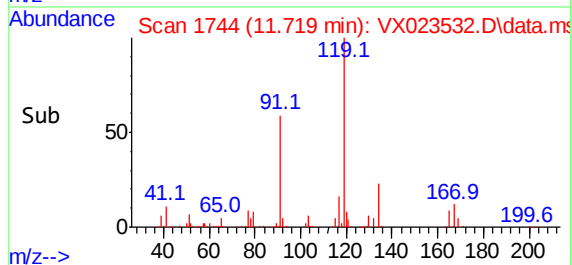
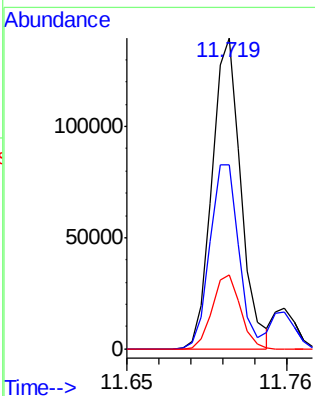
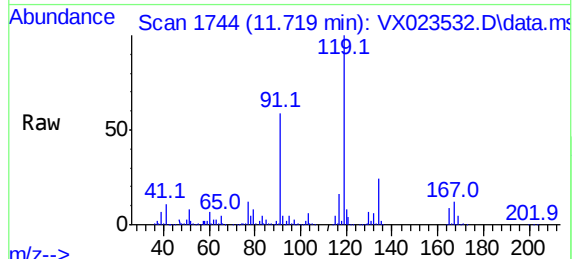
#79
tert-butylbenzene
Concen: 19.52 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:119 Resp: 183837
Ion Ratio Lower Upper
119 100
91 59.2 0.0 121.2
134 23.3 0.0 47.4

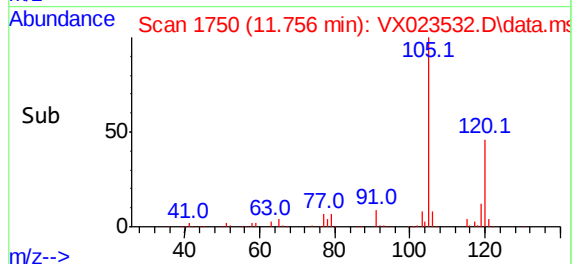
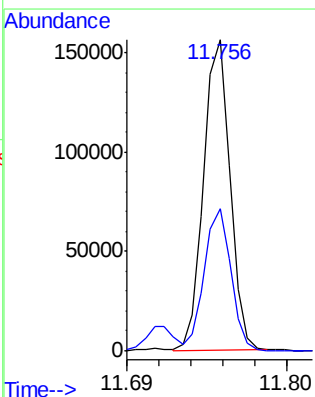
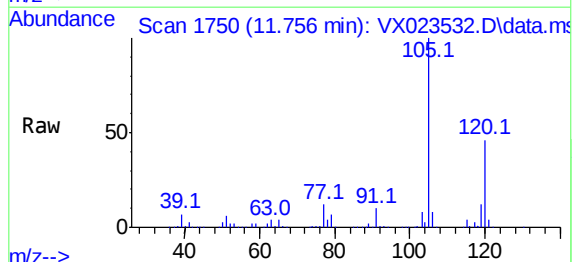
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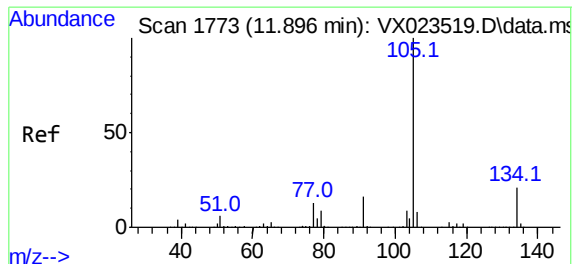
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#80
1,2,4-Trimethylbenzene
Concen: 19.57 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion:105 Resp: 188026
Ion Ratio Lower Upper
105 100
120 46.0 0.0 90.4





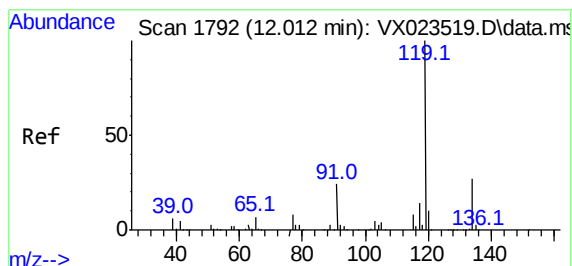
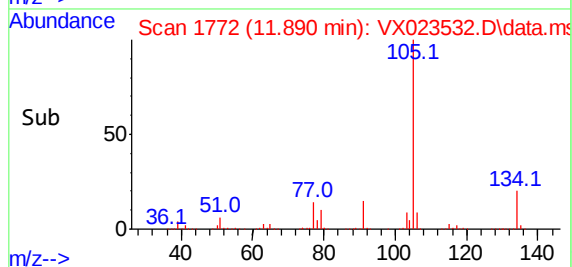
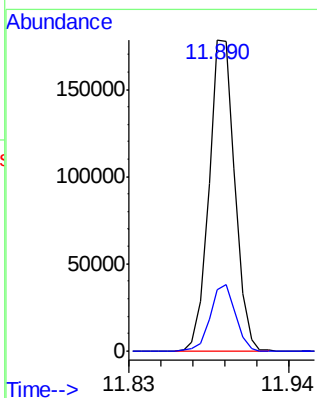
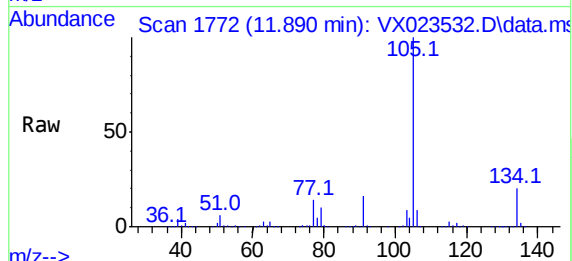
#81
 sec-Butylbenzene
 Concen: 19.11 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: VX023532.D
 Acq: 04 Aug 2021 10:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion:105 Resp: 230623
 Ion Ratio Lower Upper
 105 100
 134 20.7 0.0 40.2

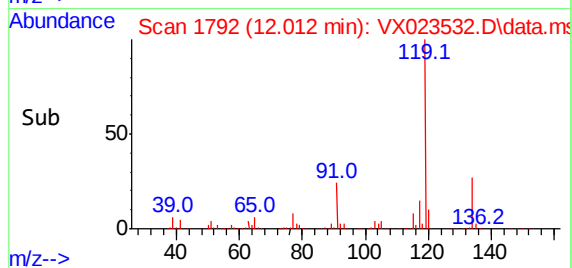
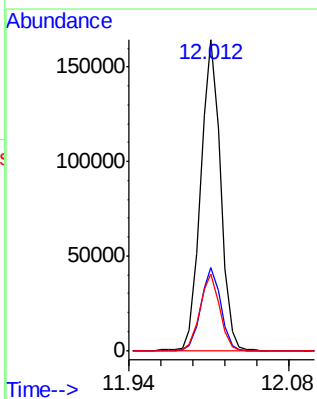
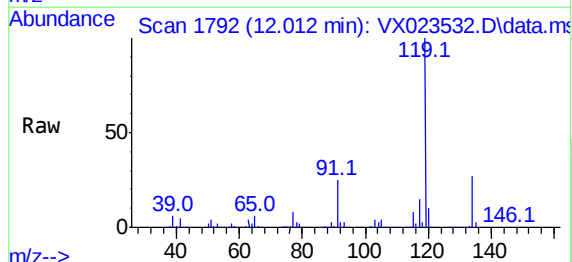
Manual Integrations
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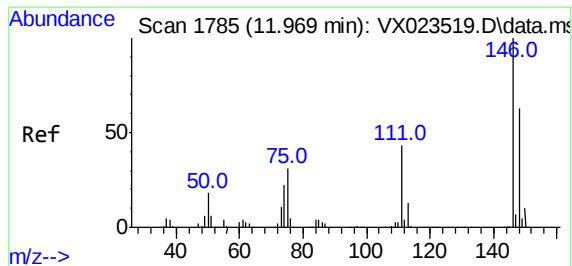
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#82
 p-Isopropyltoluene
 Concen: 19.38 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX023532.D
 Acq: 04 Aug 2021 10:03

Tgt Ion:119 Resp: 192104
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 52.8
 91 24.4 0.0 48.6





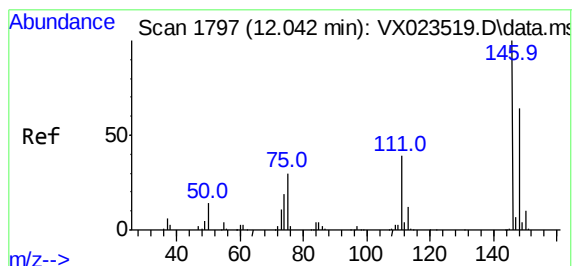
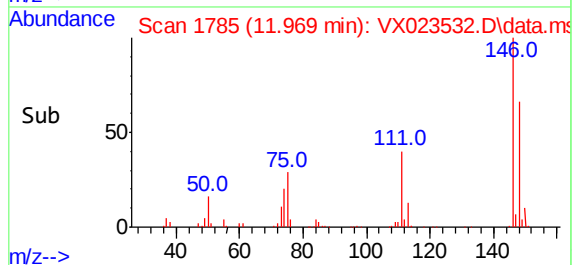
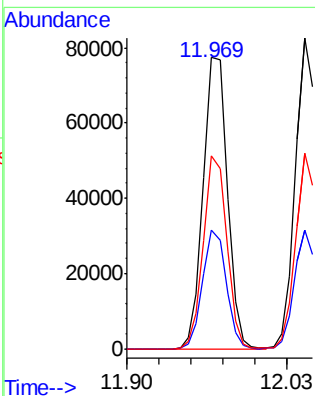
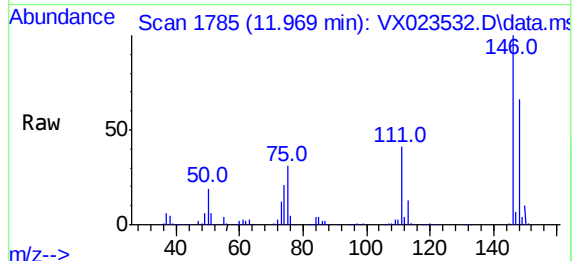
#83
1,3-Dichlorobenzene
Concen: 19.38 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:146 Resp: 99917
Ion Ratio Lower Upper
146 100
111 39.8 20.1 60.2
148 63.9 31.9 95.5

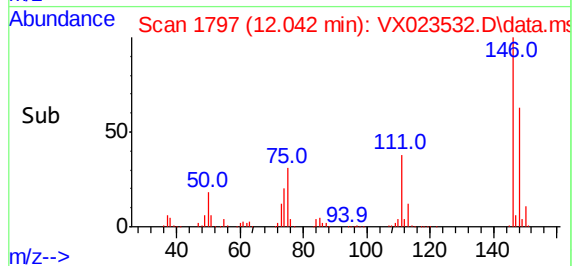
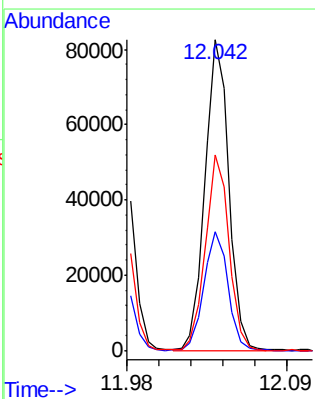
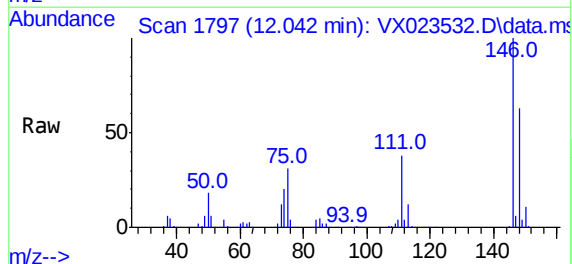
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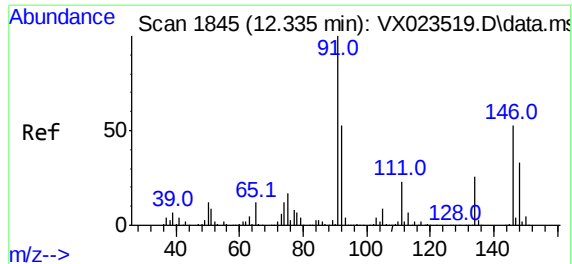
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#84
1,4-Dichlorobenzene
Concen: 19.46 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Tgt Ion:146 Resp: 99188
Ion Ratio Lower Upper
146 100
111 38.5 18.9 56.9
148 62.5 31.4 94.2





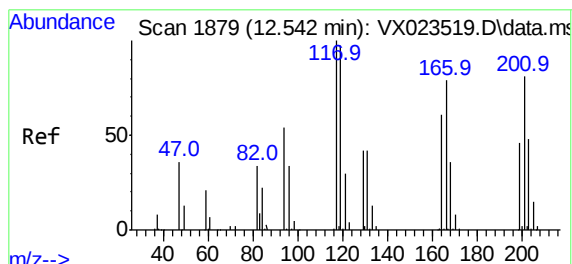
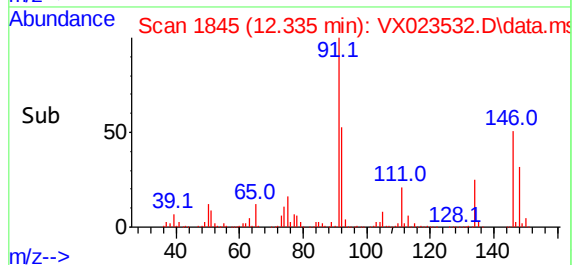
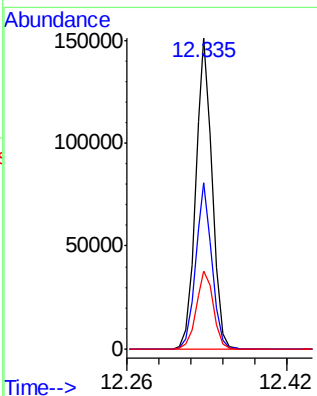
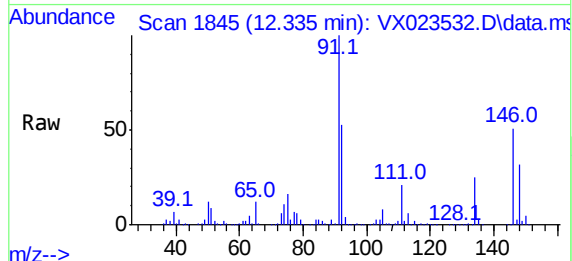
#85
n-Butylbenzene
Concen: 19.43 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 170370
Ion Ratio Lower Upper
91 100
92 52.2 0.0 105.4
134 26.0 0.0 52.4

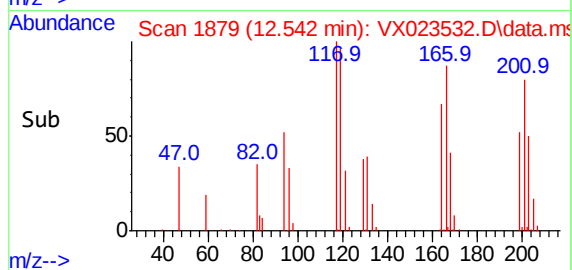
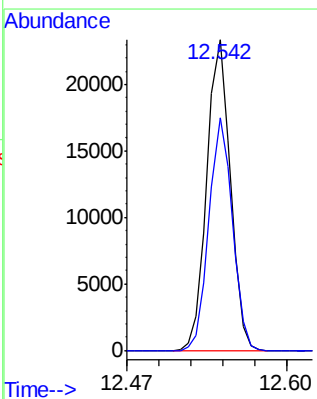
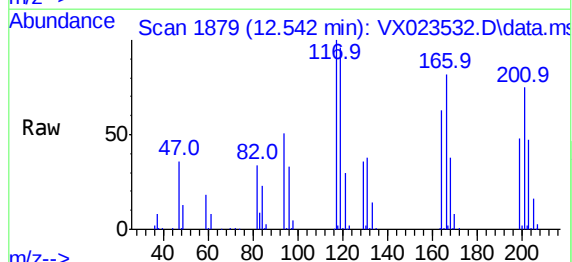
Manual Integrations
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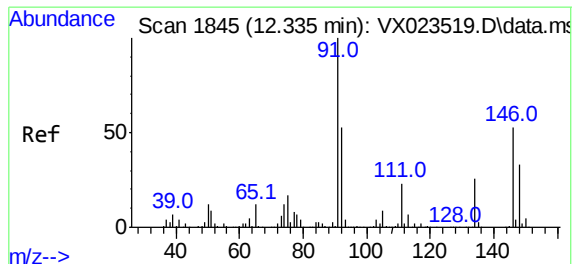
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#86
Hexachloroethane
Concen: 18.12 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

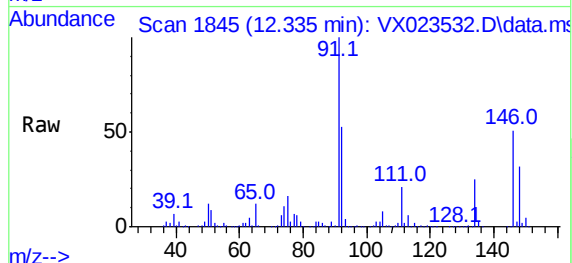
Tgt Ion: 117 Resp: 29195
Ion Ratio Lower Upper
117 100
201 74.9 37.5 112.5





#87
1,2-Dichlorobenzene
Concen: 19.48 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

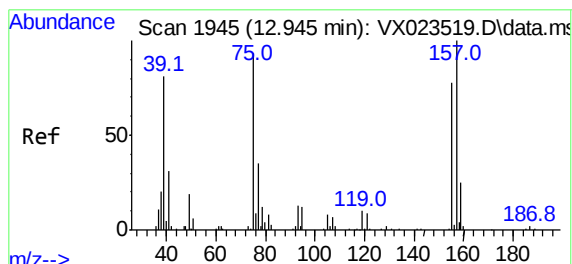
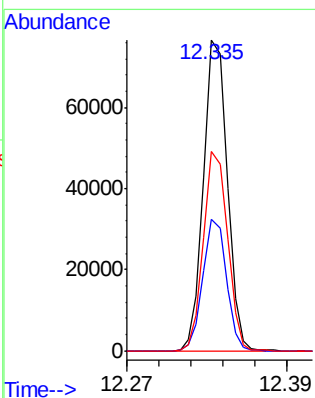
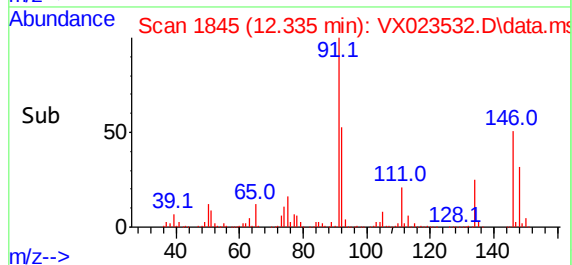
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



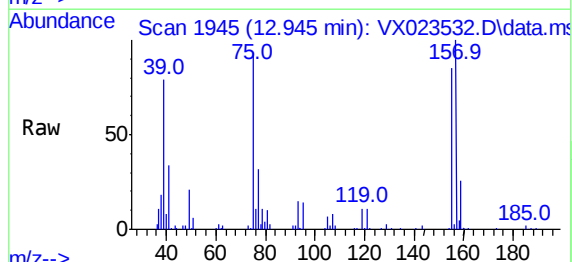
Tgt Ion:146 Resp: 96920
Ion Ratio Lower Upper
146 100
111 42.0 20.7 62.1
148 64.8 32.6 97.8

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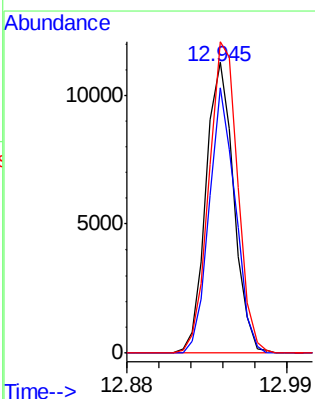
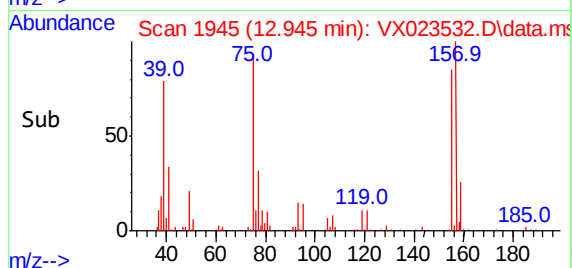
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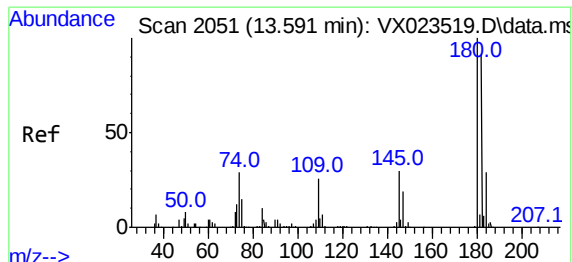


#88
1,2-Dibromo-3-Chloropropane
Concen: 17.29 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03



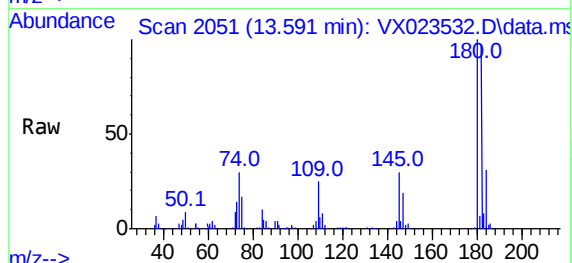
Tgt Ion: 75 Resp: 14207
Ion Ratio Lower Upper
75 100
155 86.0 67.4 101.2
157 111.1 85.8 128.8





#89
1,2,4-Trichlorobenzene
Concen: 19.15 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

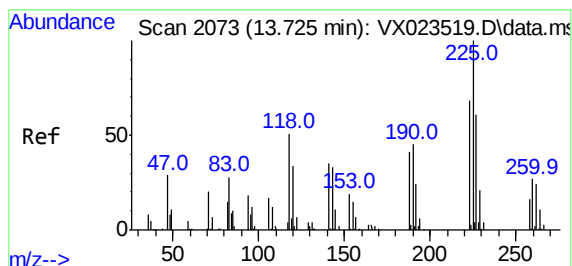
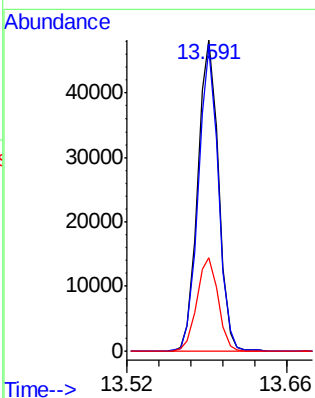
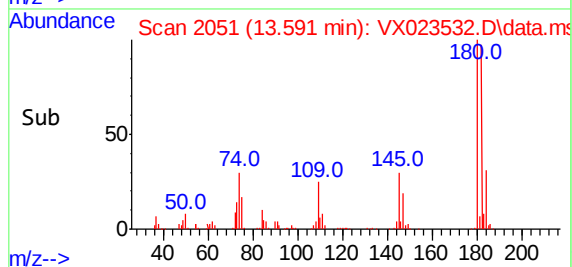
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



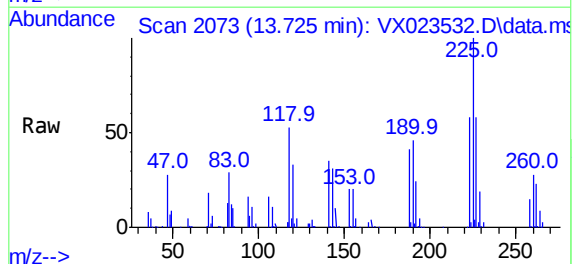
Tgt Ion:180 Resp: 58954
Ion Ratio Lower Upper
180 100
182 94.2 75.9 113.9
145 30.6 24.2 36.4

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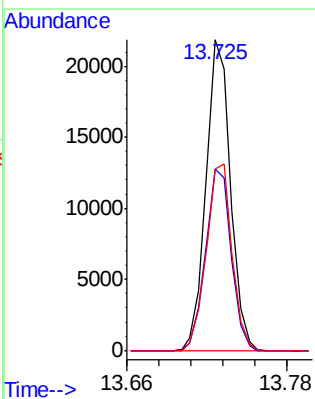
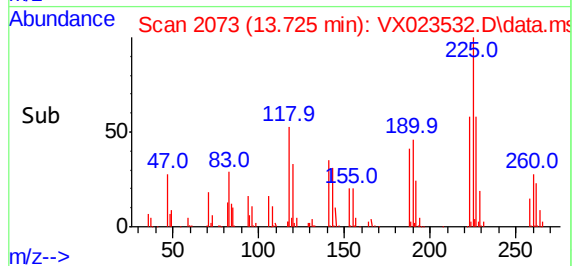
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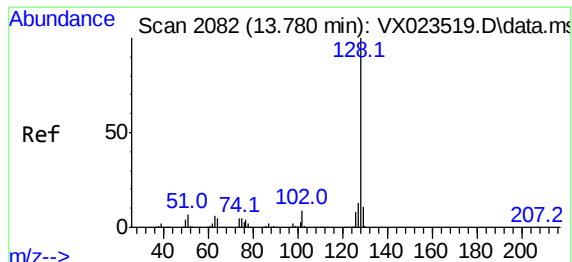


#90
Hexachlorobutadiene
Concen: 19.57 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03



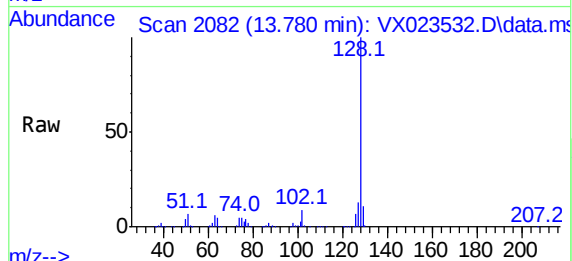
Tgt Ion:225 Resp: 27013
Ion Ratio Lower Upper
225 100
223 60.8 0.0 126.4
227 62.6 0.0 125.0





#91
Naphthalene
Concen: 19.23 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03

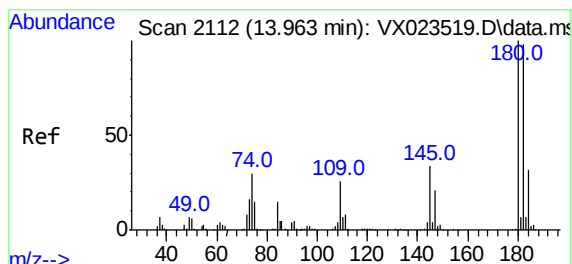
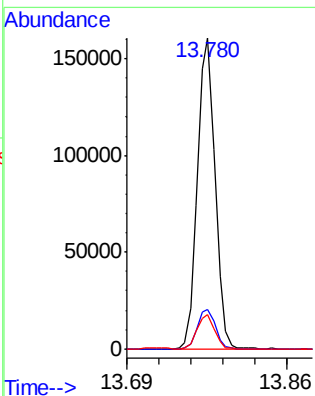
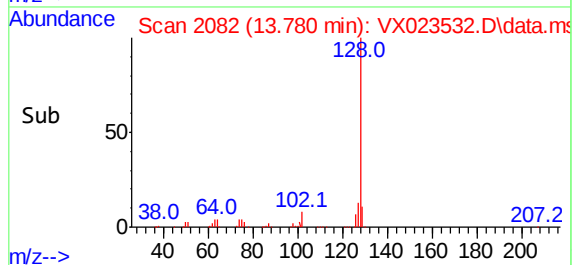
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



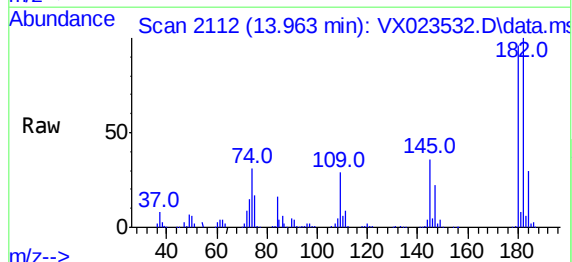
Tgt Ion:128 Resp: 203320
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.8 8.6 12.8

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#92
1,2,3-Trichlorobenzene
Concen: 19.14 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX023532.D
Acq: 04 Aug 2021 10:03



Tgt Ion:180 Resp: 59186
Ion Ratio Lower Upper
180 100
182 97.6 0.0 193.4
145 34.1 0.0 64.4

