

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021232.D
 Acq On : 16 Mar 2021 04:38
 Operator : JC/MD
 Sample : M1666-03 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1875

Manual Integrations
 APPROVED

MMDadoda
 3/16/2021 10:46:13 AM

Quant Time: Mar 16 05:51:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 15 11:55:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.546	168	3122	50.00	ug/l	#-0.08
34) 1,4-Difluorobenzene	6.770	114	551	50.00	ug/l	-0.06
63) Chlorobenzene-d5	10.341	117	16048m	50.00	ug/l	0.25
72) 1,4-Dichlorobenzene-d4	12.118	152	9470	50.00	ug/l	0.05
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.935	65	2794	52.48	ug/l	-0.09
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.96%			
35) Dibromofluoromethane	5.417	113	189	49.85	ug/l	-0.05
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.70%			
50) Toluene-d8	8.529	98	93	6.83	ug/l	-0.16
Spiked Amount 50.000	Range 65 - 126		Recovery = 13.66%#			
62) 4-Bromofluorobenzene	11.241	95	10476	2018.65	ug/l	0.12
Spiked Amount 50.000	Range 58 - 135		Recovery = 4037.30%#			
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.528	101	4835	142.90	ug/l #	74
10) Methyl Iodide	2.523	142	2762	60.90	ug/l #	1
11) Tert butyl alcohol	2.976	59	4611	497.25	ug/l #	1
12) 1,1-Dichloroethene	2.528	96	4799	142.84	ug/l #	37
14) Allyl chloride	2.552	41	5368	73.18	ug/l #	59
15) Acrylonitrile	3.081	53	1978	96.73	ug/l #	76
16) Acetone	2.505	43	3261	152.39	ug/l #	50
17) Carbon Disulfide	2.523	76	3623	36.45	ug/l #	1
18) Methyl Acetate	2.581	43	3710	71.58	ug/l #	47
19) Methyl tert-butyl Ether	3.134	73	540	4.23	ug/l #	1
20) Methylene Chloride	2.781	84	386	9.55	ug/l #	78
21) trans-1,2-Dichloroethene	3.087	96	1167	31.62	ug/l #	49
22) Diisopropyl ether	3.770	45	2654	19.79	ug/l #	35
23) Vinyl Acetate	3.770	43	2014	17.18	ug/l #	1
24) 1,1-Dichloroethane	3.581	63	140	1.94	ug/l #	8
25) 2-Butanone	4.623	43	3737	121.39	ug/l #	45
26) 2,2-Dichloropropane	4.482	77	6441	98.00	ug/l #	1
27) cis-1,2-Dichloroethene	4.476	96	4489	106.35	ug/l	76
28) Bromochloromethane	4.899	49	135	3.74	ug/l #	1
29) Tetrahydrofuran	5.076	42	154	7.76	ug/l #	8
30) Chloroform	5.123	83	54	0.72	ug/l #	18
31) Cyclohexane	5.511	56	202	3.00	ug/l #	54
32) 1,1,1-Trichloroethane	5.270	97	381	5.72	ug/l #	24
36) 1,1-Dichloropropene	5.735	75	602	104.25	ug/l #	41
37) Ethyl Acetate	4.823	43	4940	776.61	ug/l #	64
38) Carbon Tetrachloride	5.705	117	705	111.18	ug/l #	19
39) Methylcyclohexane	7.158	83	1058	163.13	ug/l	94
40) Benzene	6.064	78	58	3.59	ug/l #	1
41) Methacrylonitrile	5.017	41	287	78.27	ug/l #	22
42) 1,2-Dichloroethane	6.147	62	100	14.56	ug/l #	1
43) Isopropyl Acetate	6.358	43	228	21.37	ug/l #	1
44) Trichloroethene	7.141	130	772	180.00	ug/l	57
45) 1,2-Dichloropropane	7.311	63	3308	758.16	ug/l #	1
46) Dibromomethane	7.558	93	108	35.53	ug/l #	18
47) Bromodichloromethane	7.817	83	173	27.15	ug/l #	71
48) Methyl methacrylate	7.676	41	133	24.23	ug/l #	24

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) 1,4-Dioxane	7.641	88	62	669.34	ug/l #	75
51) 4-Methyl-2-Pentanone	8.670	43	119	19.56	ug/l	93
52) Toluene	8.588	92	72	7.40	ug/l	99
53) t-1,3-Dichloropropene	8.912	75	18	2.73	ug/l #	1
54) cis-1,3-Dichloropropene	8.341	75	192	27.30	ug/l #	58
55) 1,1,2-Trichloroethane	9.229	97	977	243.36	ug/l #	1
56) Ethyl methacrylate	9.076	69	51	8.18	ug/l #	19
57) 1,3-Dichloropropane	9.235	76	415	59.75	ug/l #	62
58) 2-Chloroethyl Vinyl ether	8.053	63	5521	1765.19	ug/l #	53
59) 2-Hexanone	9.318	43	125218	27346.38	ug/l #	20
68) m/p-Xylenes	10.541	106	175	0.79	ug/l	90
69) o-Xylene	10.541	106	175	0.82	ug/l	86
74) N-amyl acetate	11.071	43	28385	80.84	ug/l #	39
75) 1,1,2,2-Tetrachloroethane	11.265	83	52	0.23	ug/l #	26
76) 1,2,3-Trichloropropane	11.235	75	55756	237.45	ug/l #	37
79) 2-Chlorotoluene	11.441	91	298	0.58	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.918	75	991	11.98	ug/l #	30
84) 1,2,4-Trimethylbenzene	11.735	105	258	0.42	ug/l #	31
85) sec-Butylbenzene	11.859	105	874	1.28	ug/l #	57
86) p-Isopropyltoluene	12.100	119	267	0.43	ug/l #	26
89) n-Butylbenzene	12.271	91	185	0.32	ug/l #	32
90) Hexachloroethane	12.730	117	39	0.34	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	12.977	75	191	3.25	ug/l #	1
95) Naphthalene	13.830	128	3347	6.12	ug/l #	94
96) 1,2,3-Trichlorobenzene	14.265	180	20	1.02	ug/l #	12

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

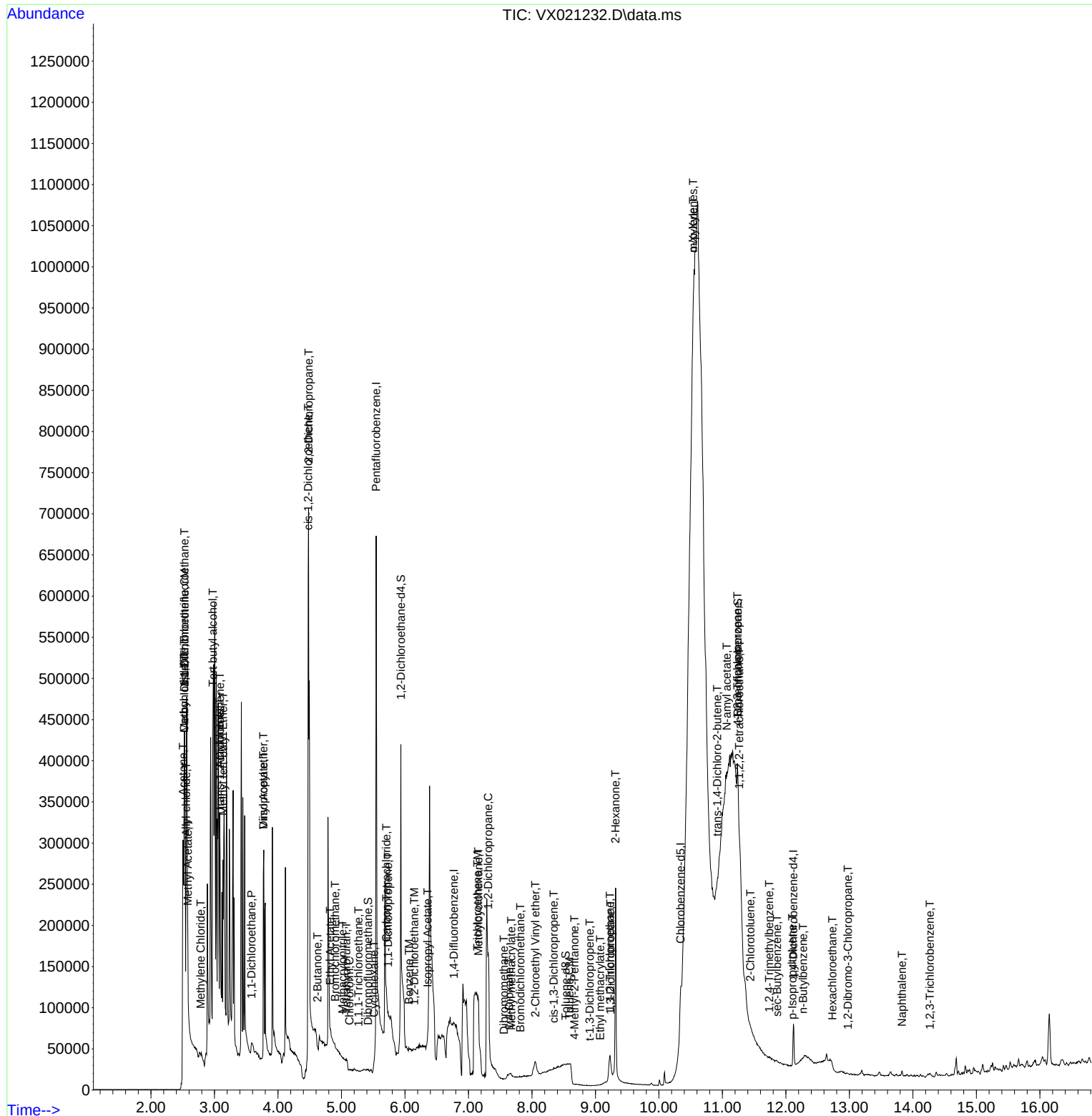
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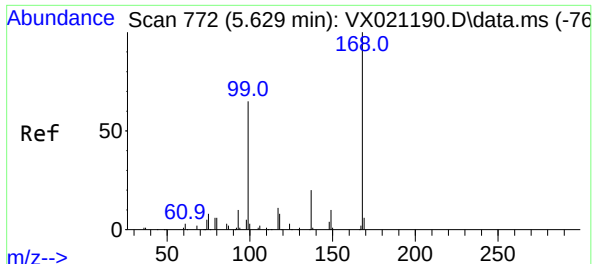
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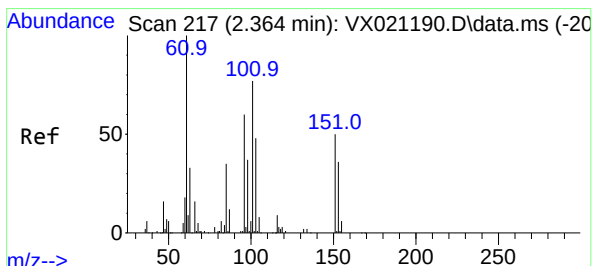
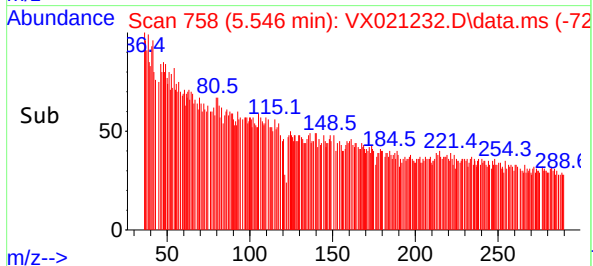
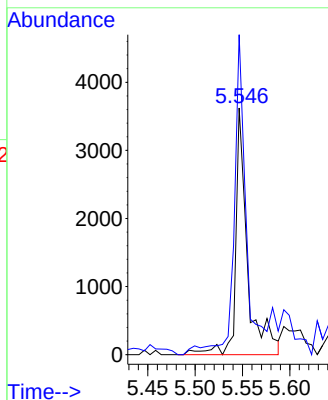
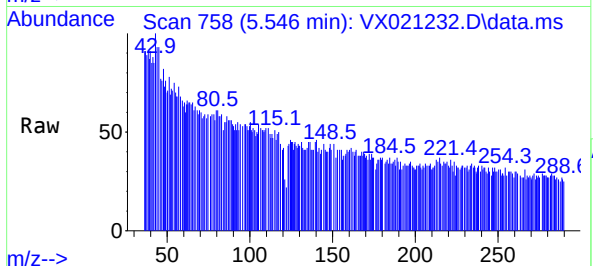
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.546 min Scan# 758
Delta R.T. -0.077 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion:168 Resp: 3122
Ion Ratio Lower Upper
168 100
99 129.7 45.8 68.6#

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ClientSampled :
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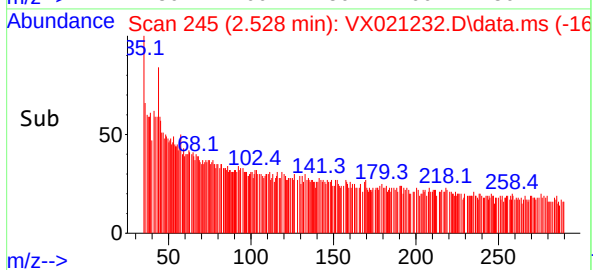
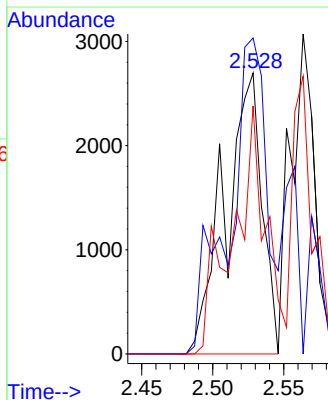
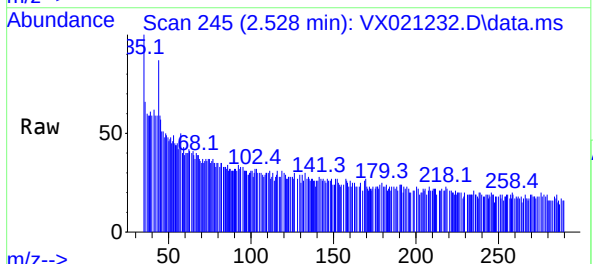
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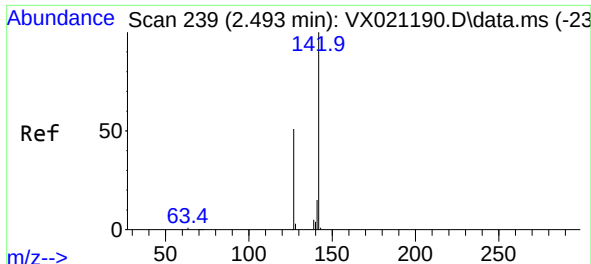
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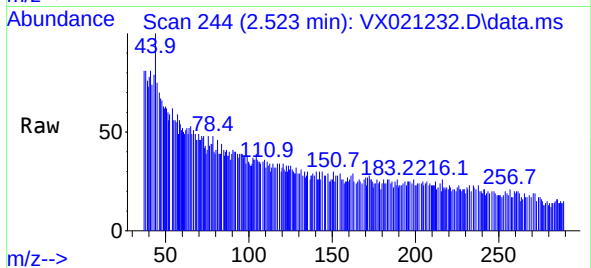
#9
1,1,2-Trichlorotrifluoroethane
Concen: 142.90 ug/l
RT: 2.528 min Scan# 245
Delta R.T. 0.165 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion:101 Resp: 4835
Ion Ratio Lower Upper
101 100
85 85.1 34.9 52.3#
151 80.0 61.4 92.2

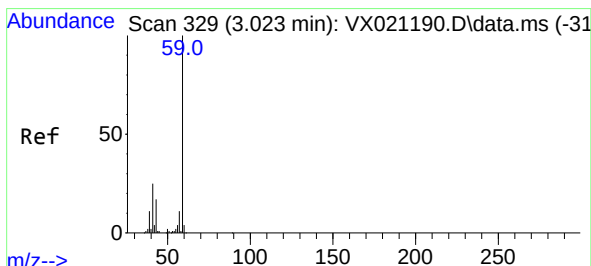
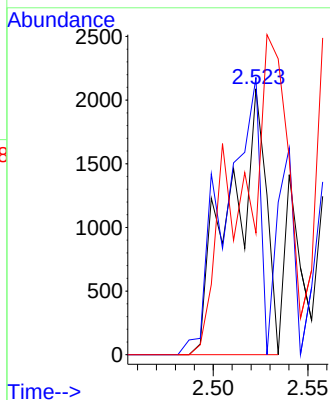
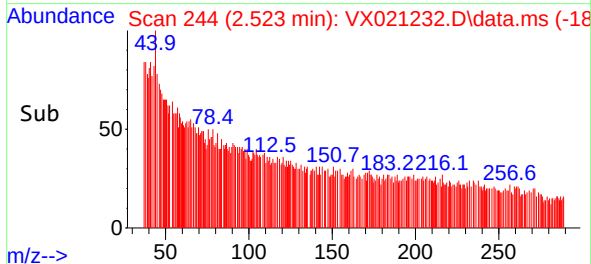




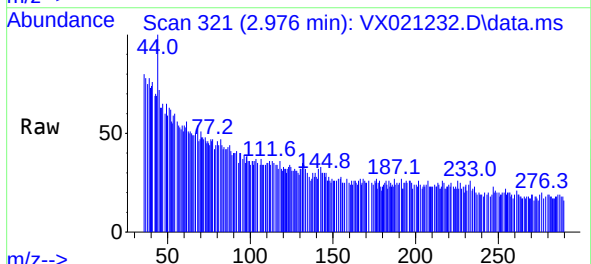
#10
Methyl Iodide
Concen: 60.90 ug/l
RT: 2.523 min Scan# 244
Delta R.T. 0.035 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38



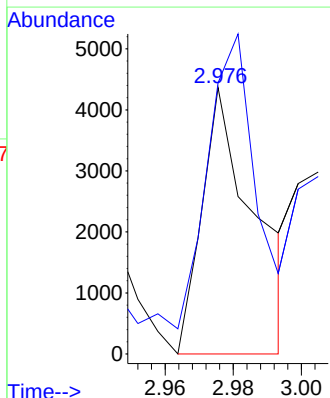
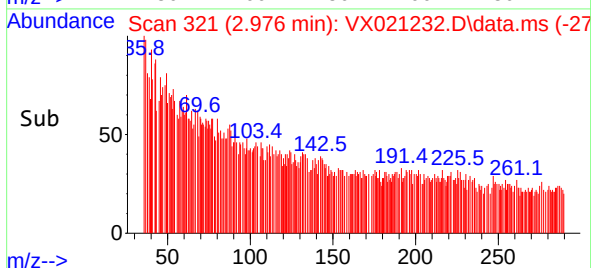
Tgt Ion:142 Resp: 2762
Ion Ratio Lower Upper
142 100
127 99.4 33.3 49.9#
141 113.8 11.4 17.0#



#11
Tert butyl alcohol
Concen: 497.25 ug/l
RT: 2.976 min Scan# 321
Delta R.T. -0.041 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38



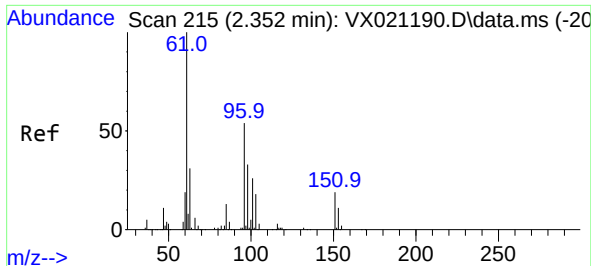
Tgt Ion: 59 Resp: 4611
Ion Ratio Lower Upper
59 100
57 108.5 7.8 11.8#



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#12

1,1-Dichloroethene

Concen: 142.84 ug/l

RT: 2.528 min Scan# 245

Delta R.T. 0.176 min

Lab File: VX021232.D

Acq: 16 Mar 2021 04:38

Tgt Ion: 96 Resp: 4799

Ion Ratio Lower Upper

96 100

61 42.7 124.6 187.0#

98 61.2 50.6 76.0

Instrument :

MSVOA_X

ClientSampleId :

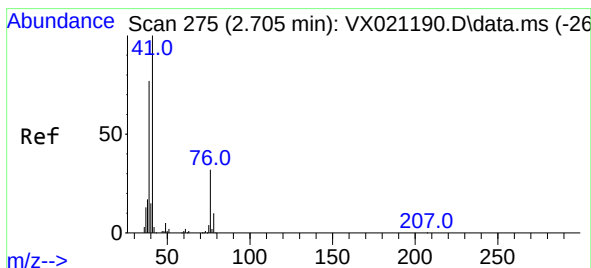
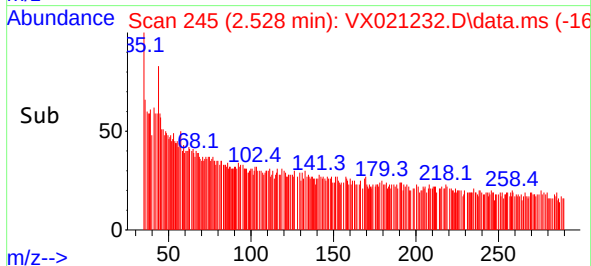
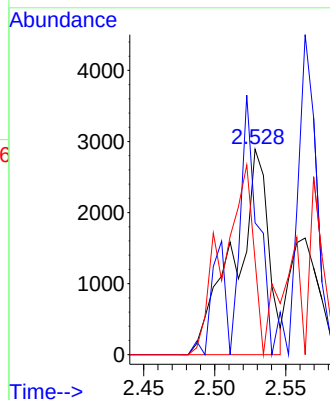
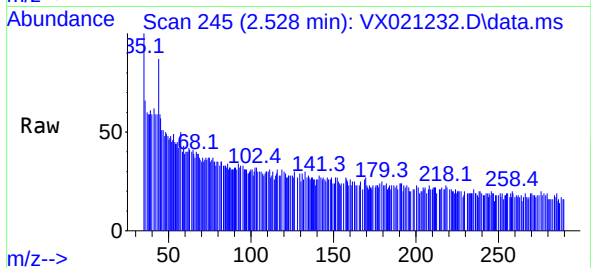
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#14

Allyl chloride

Concen: 73.18 ug/l

RT: 2.552 min Scan# 249

Delta R.T. -0.153 min

Lab File: VX021232.D

Acq: 16 Mar 2021 04:38

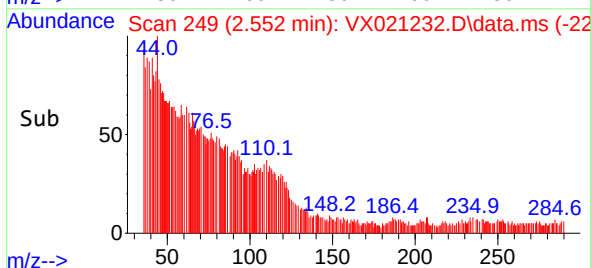
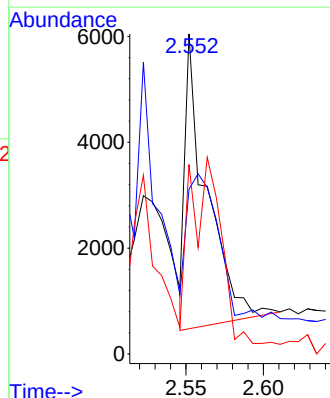
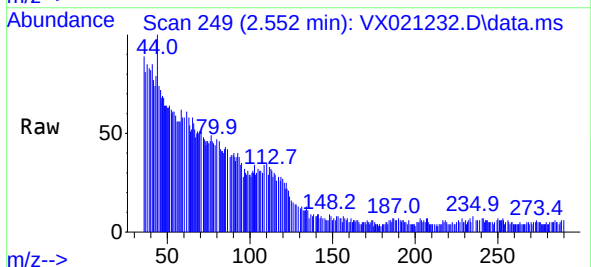
Tgt Ion: 41 Resp: 5368

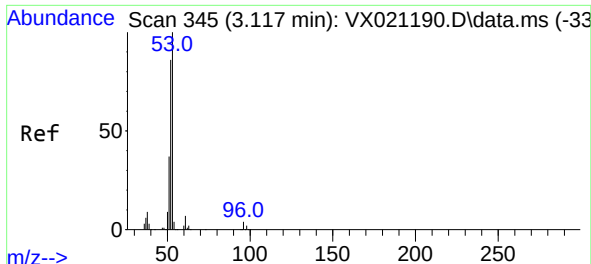
Ion Ratio Lower Upper

41 100

39 71.6 51.6 77.4

76 95.3 30.5 45.7#





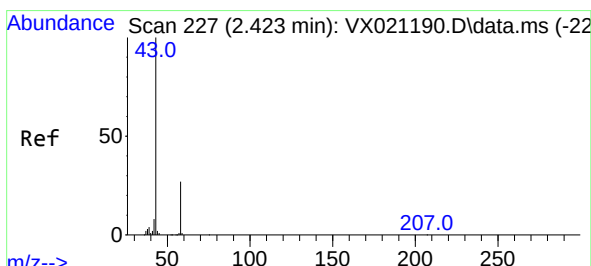
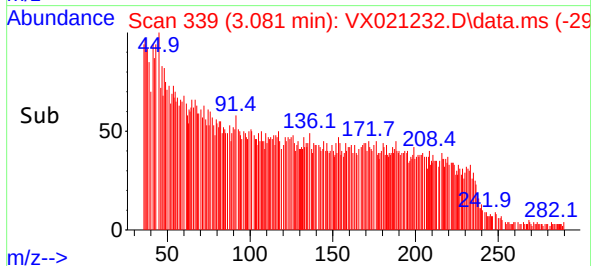
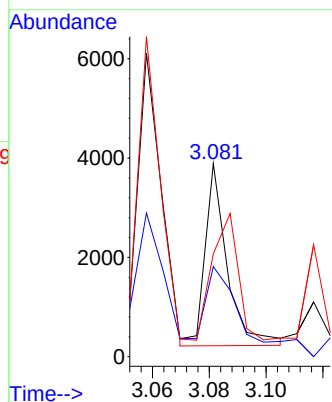
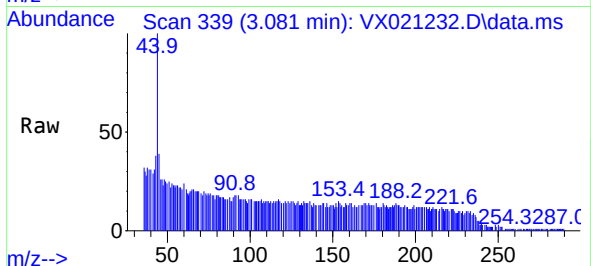
#15
Acrylonitrile
Concen: 96.73 ug/l
RT: 3.081 min Scan# 339
Delta R.T. -0.035 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion:	53	Resp:	1978
Ion	Ratio	Lower	Upper
53	100		
52	81.1	65.3	97.9
51	80.8	28.2	42.2#

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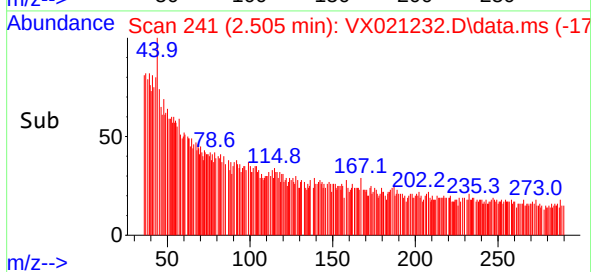
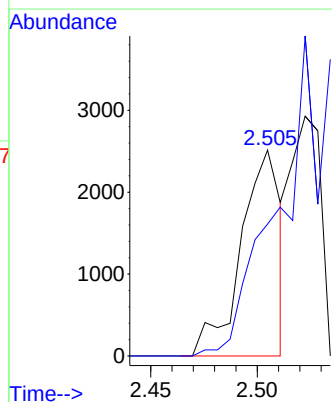
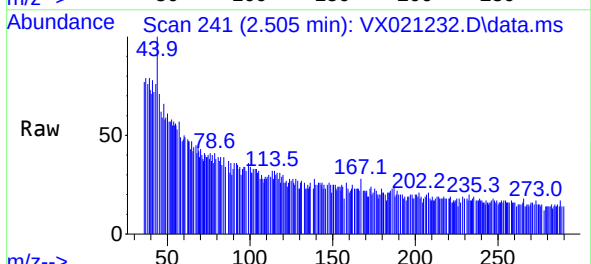
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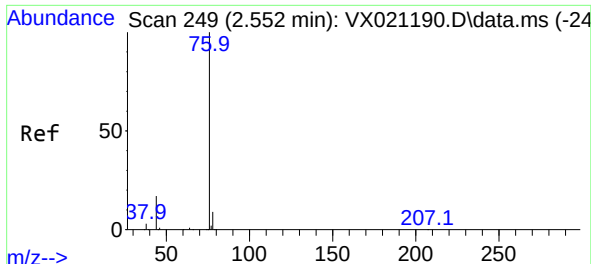
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#16
Acetone
Concen: 152.39 ug/l
RT: 2.505 min Scan# 241
Delta R.T. 0.082 min
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Tgt Ion:	43	Resp:	3261
Ion	Ratio	Lower	Upper
43	100		
58	64.0	27.8	41.8#





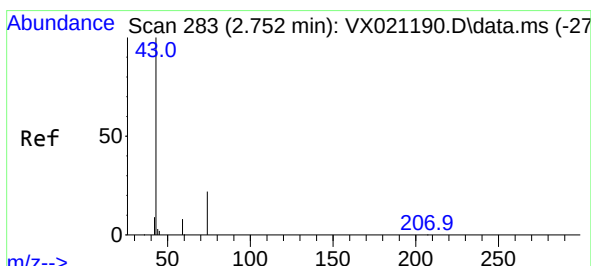
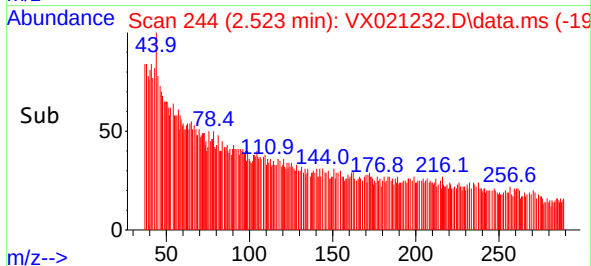
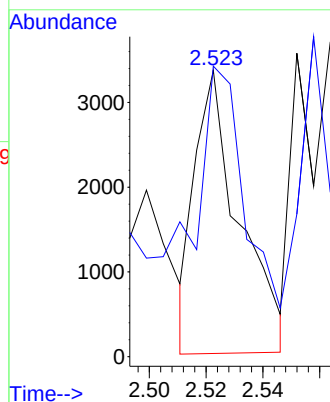
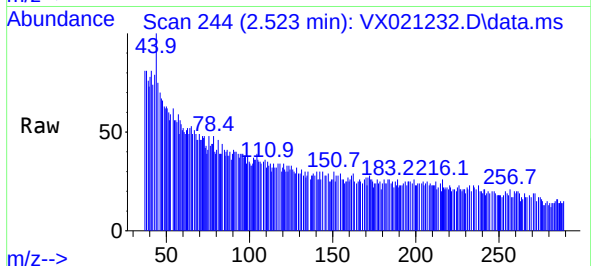
#17
Carbon Disulfide
Concen: 36.45 ug/l
RT: 2.523 min Scan# 244
Delta R.T. -0.024 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion: 76 Resp: 3623
Ion Ratio Lower Upper
76 100
78 99.1 7.2 10.8#

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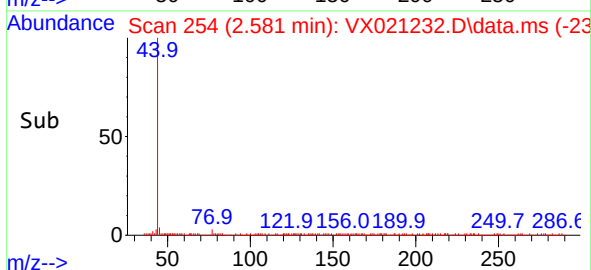
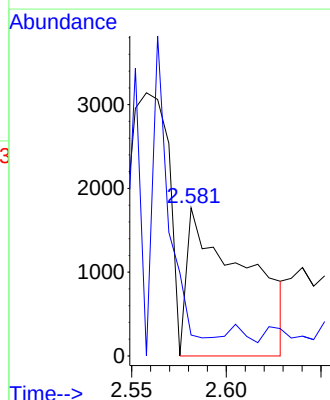
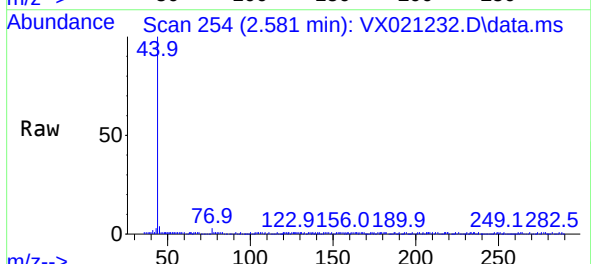
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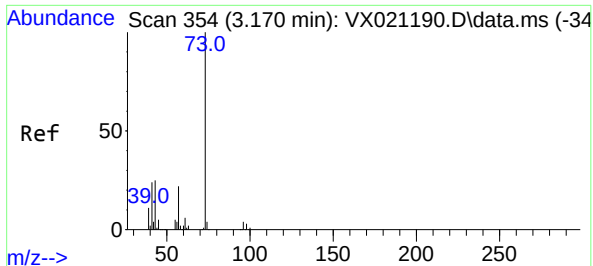
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#18
Methyl Acetate
Concen: 71.58 ug/l
RT: 2.581 min Scan# 254
Delta R.T. -0.171 min
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Tgt Ion: 43 Resp: 3710
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





#19

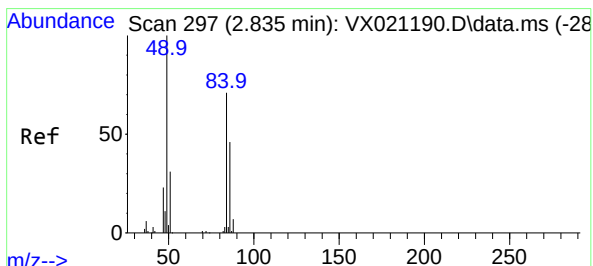
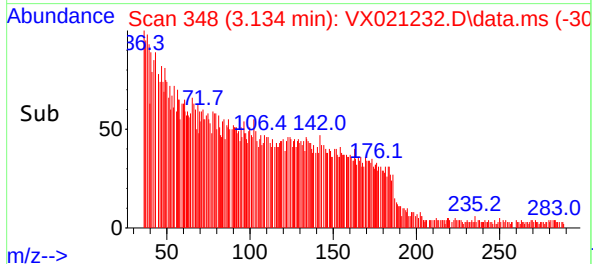
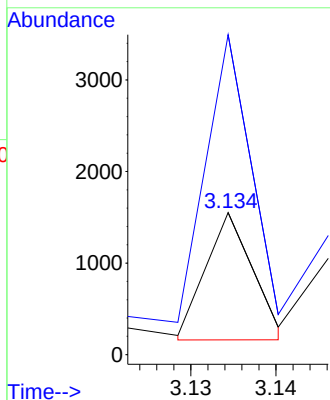
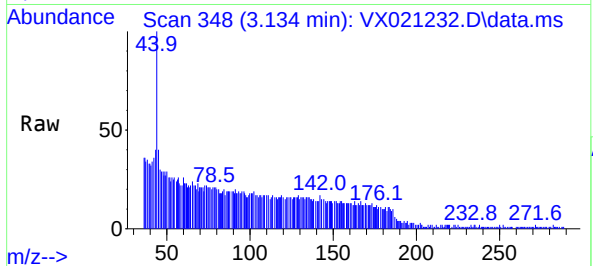
Methyl tert-butyl Ether
Concen: 4.23 ug/l
RT: 3.134 min Scan# 348
Delta R.T. -0.035 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion: 73 Resp: 540
Ion Ratio Lower Upper
73 100
57 233.9 17.1 25.7#

Instrument :
MSVOA_X
ClientSampled :
1875

Manual Integrations
APPROVED

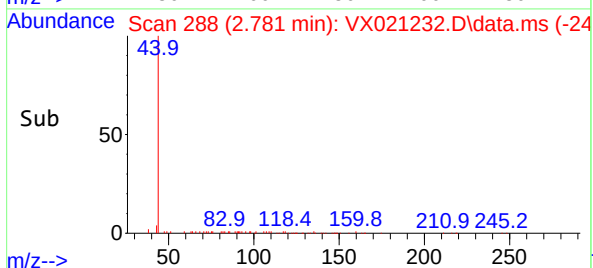
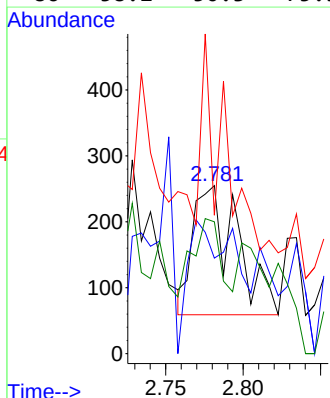
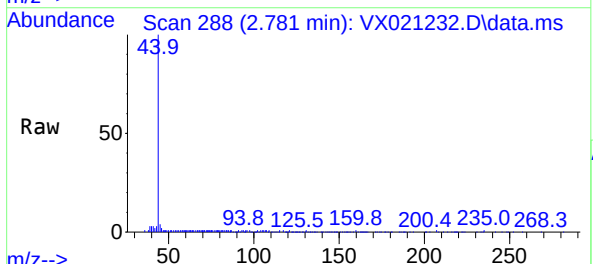
MMDadoda
3/16/2021 10:46:13 AM

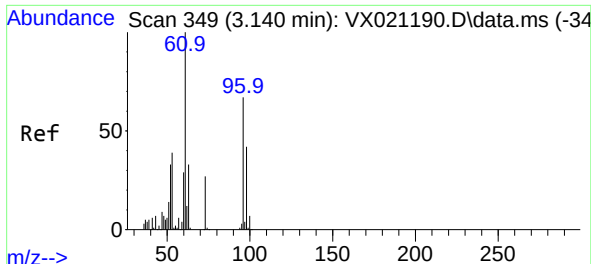


#20

Methylene Chloride
Concen: 9.55 ug/l
RT: 2.781 min Scan# 288
Delta R.T. -0.053 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion: 84 Resp: 386
Ion Ratio Lower Upper
84 100
49 74.0 88.6 132.8#
51 29.1 27.0 40.6
86 58.2 50.3 75.5





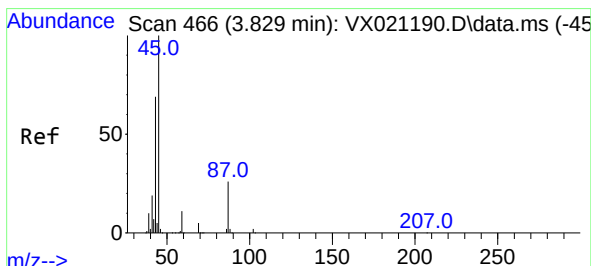
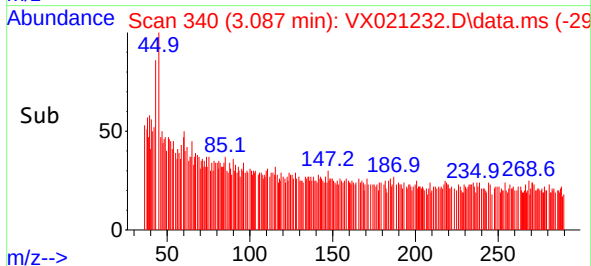
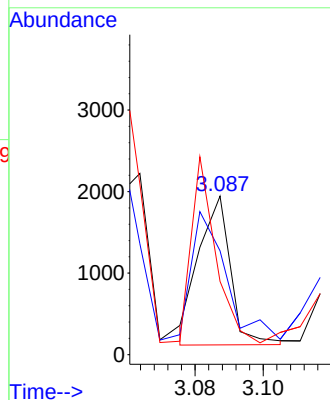
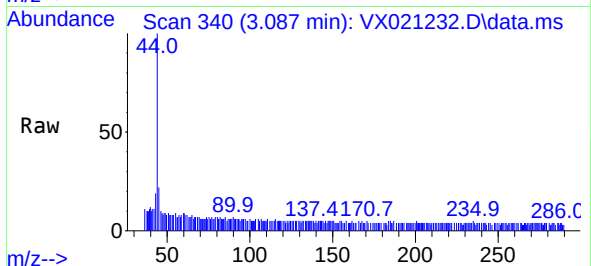
#21
trans-1,2-Dichloroethene
Concen: 31.62 ug/l
RT: 3.087 min Scan# 340
Delta R.T. -0.053 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion: 96 Resp: 1167
Ion Ratio Lower Upper
96 100
61 61.2 107.7 161.5#
98 41.3 50.4 75.6#

Instrument :
MSVOA_X
ClientSampled :
1875

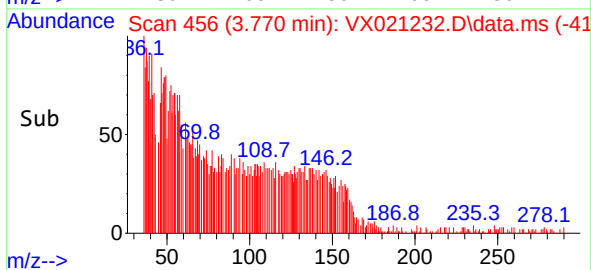
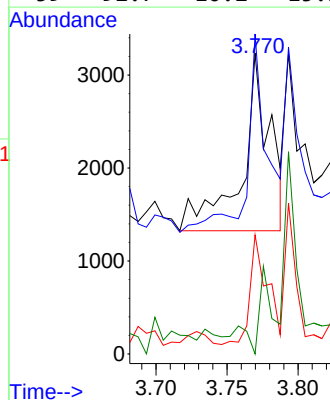
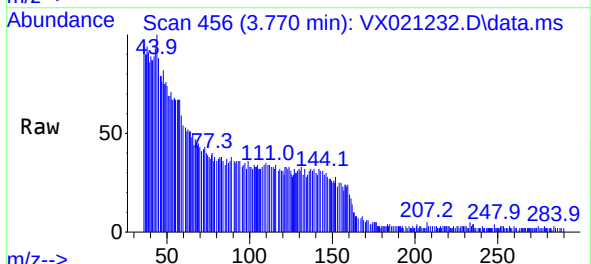
Manual Integrations
APPROVED

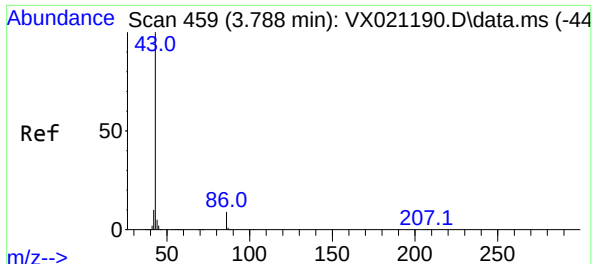
MMDadoda
3/16/2021 10:46:13 AM



#22
Diisopropyl ether
Concen: 19.79 ug/l
RT: 3.770 min Scan# 456
Delta R.T. -0.059 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion: 45 Resp: 2654
Ion Ratio Lower Upper
45 100
43 111.8 58.0 87.0#
87 60.6 25.4 38.0#
59 92.7 10.2 15.2#





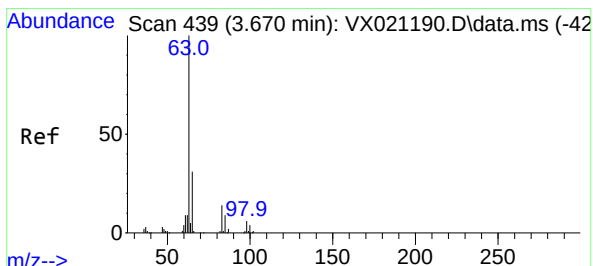
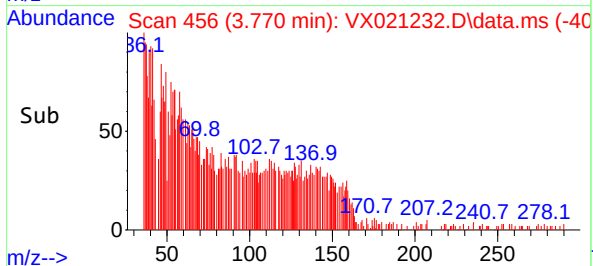
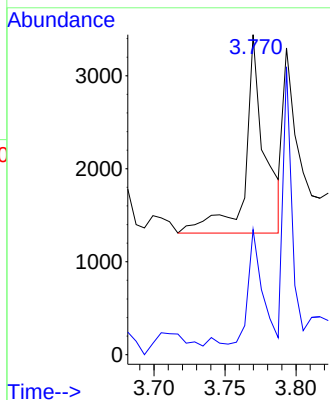
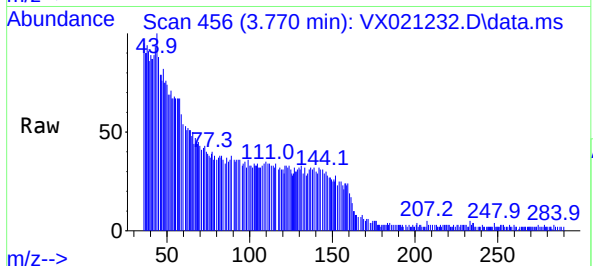
#23
Vinyl Acetate
Concen: 17.18 ug/l
RT: 3.770 min Scan# 456
Delta R.T. -0.018 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion: 43 Resp: 2014
Ion Ratio Lower Upper
43 100
86 54.5 9.9 14.9#

Instrument :
MSVOA_X
ClientSampled :
1875

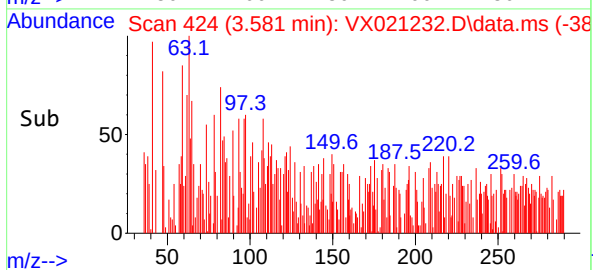
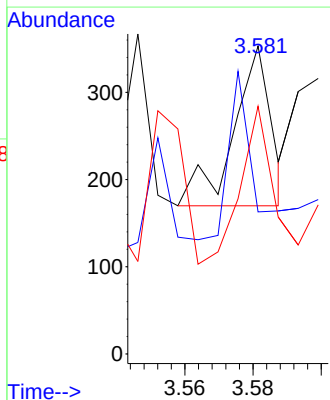
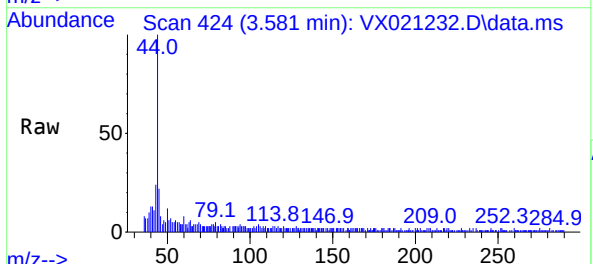
Manual Integrations
APPROVED

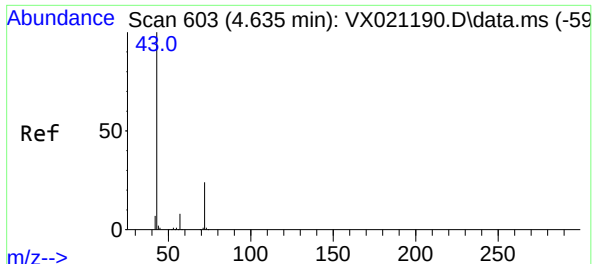
MMDadoda
3/16/2021 10:46:13 AM



#24
1,1-Dichloroethane
Concen: 1.94 ug/l
RT: 3.581 min Scan# 424
Delta R.T. -0.088 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion: 63 Resp: 140
Ion Ratio Lower Upper
63 100
98 15.8 3.8 11.2#
100 69.4 2.5 7.5#





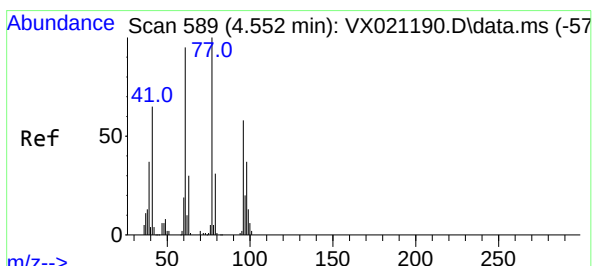
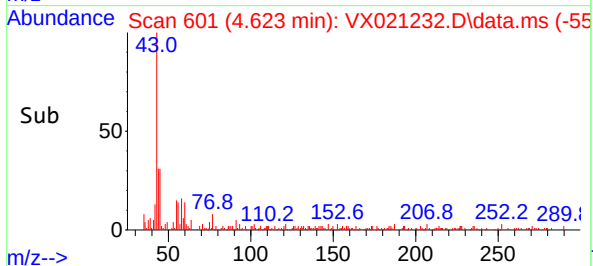
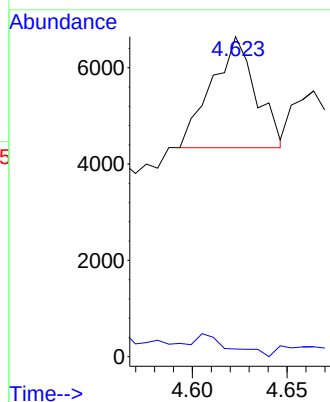
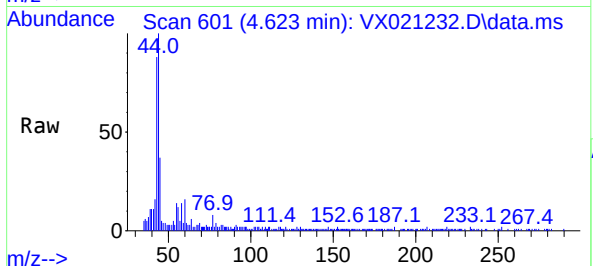
#25
2-Butanone
Concen: 121.39 ug/l
RT: 4.623 min Scan# 601
Delta R.T. -0.012 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion: 43 Resp: 3737
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#

Instrument :
MSVOA_X
ClientSampleId :
1875

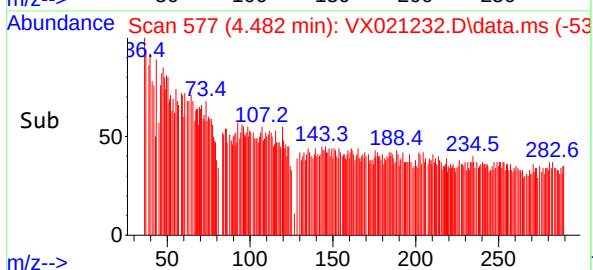
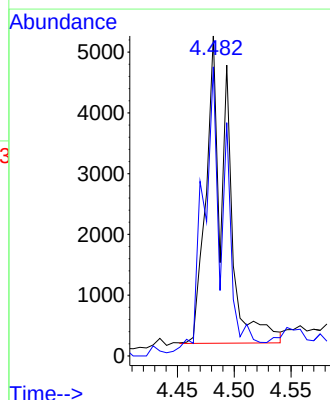
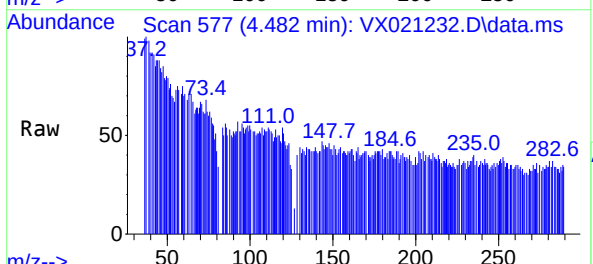
Manual Integrations
APPROVED

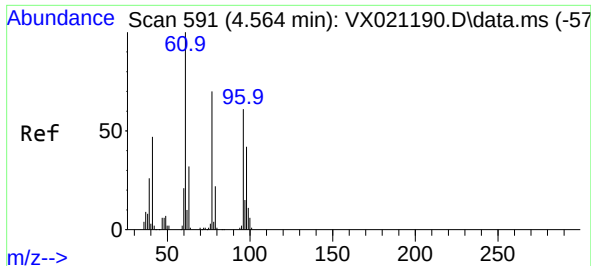
MMDadoda
3/16/2021 10:46:13 AM



#26
2,2-Dichloropropane
Concen: 98.00 ug/l
RT: 4.482 min Scan# 577
Delta R.T. -0.065 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion: 77 Resp: 6441
Ion Ratio Lower Upper
77 100
97 94.0 11.7 35.1#





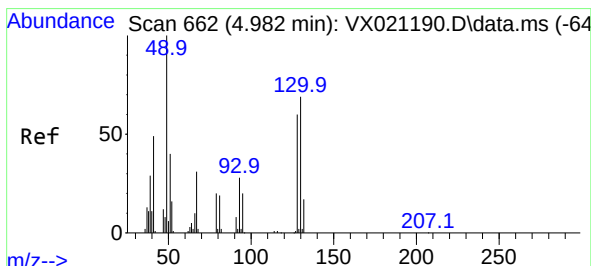
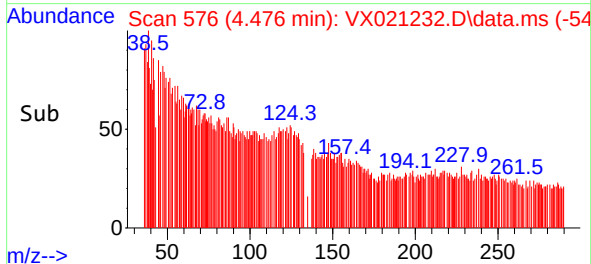
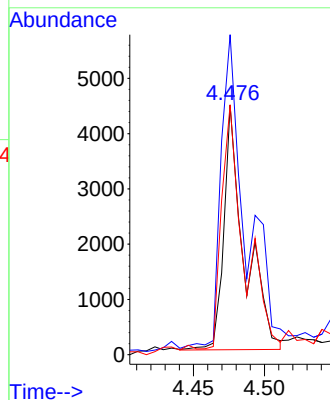
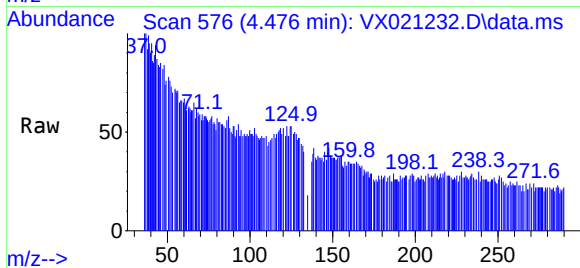
#27
cis-1,2-Dichloroethene
Concen: 106.35 ug/l
RT: 4.476 min Scan# 576
Delta R.T. -0.088 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion:	96	Resp:	4489
Ion	Ratio	Lower	Upper
96	100		
61	152.1	0.0	285.6
98	112.3	0.0	129.6

Instrument :
MSVOA_X
ClientSampled :
1875

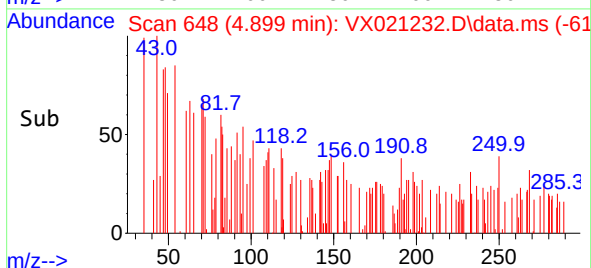
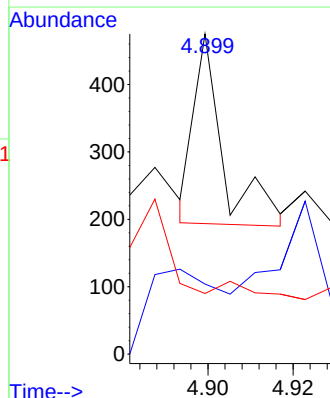
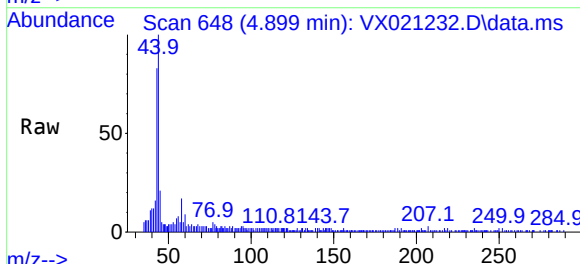
Manual Integrations
APPROVED

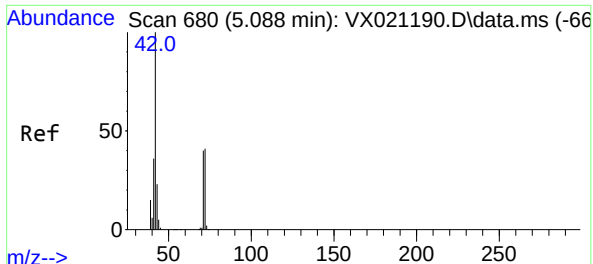
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#28
Bromochloromethane
Concen: 3.74 ug/l
RT: 4.899 min Scan# 648
Delta R.T. -0.083 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion:	49	Resp:	135
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	234.8	68.2	102.2#





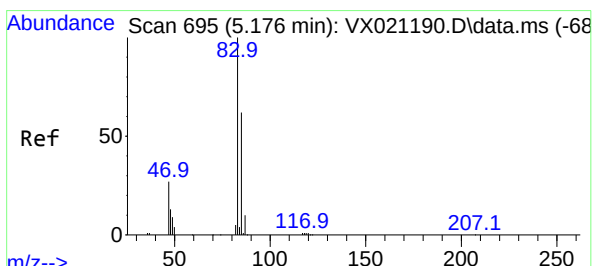
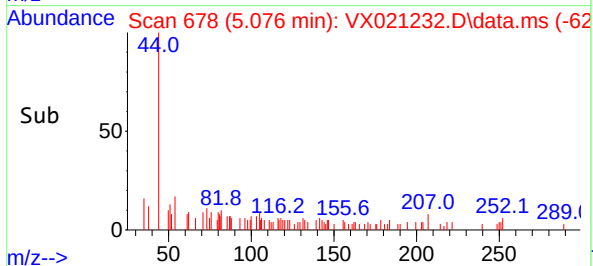
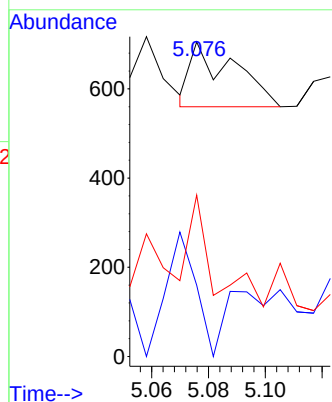
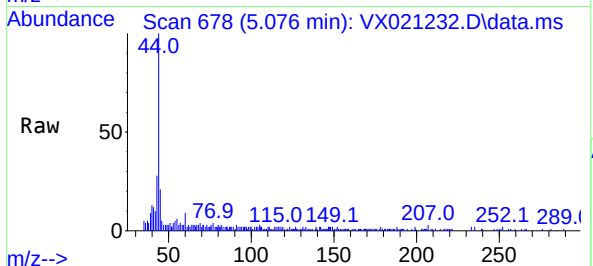
#29
Tetrahydrofuran
Concen: 7.76 ug/l
RT: 5.076 min Scan# 678
Delta R.T. -0.012 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion:	42	Resp:	154
Ion	Ratio	Lower	Upper
42	100		
72	130.5	41.7	62.5#
71	0.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :
1875

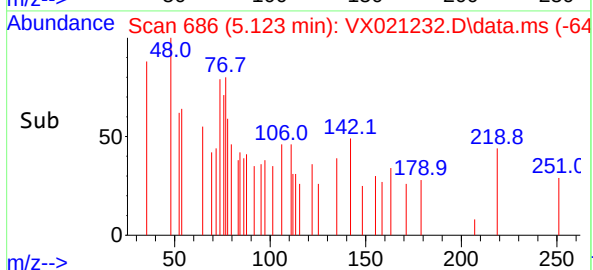
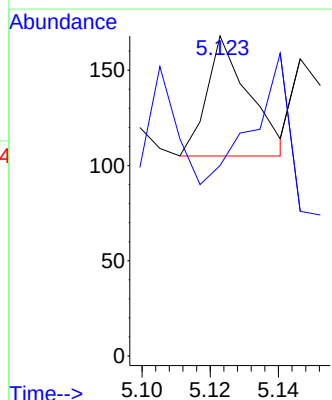
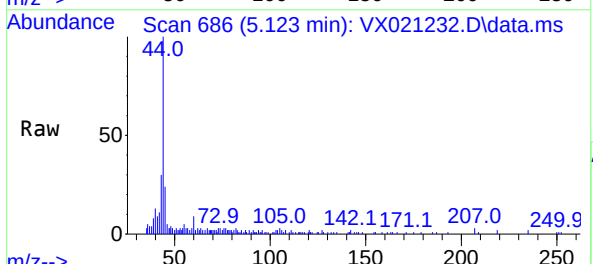
Manual Integrations
APPROVED

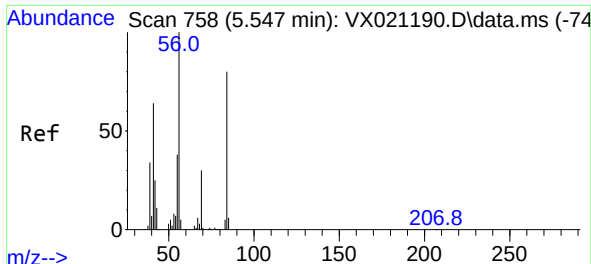
MMDadoda
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#30
Chloroform
Concen: 0.72 ug/l
RT: 5.123 min Scan# 686
Delta R.T. -0.053 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion:	83	Resp:	54
Ion	Ratio	Lower	Upper
83	100		
85	0.0	52.0	78.0#





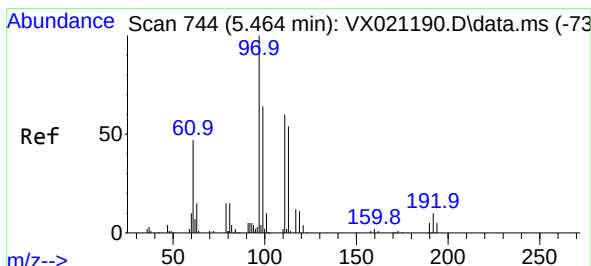
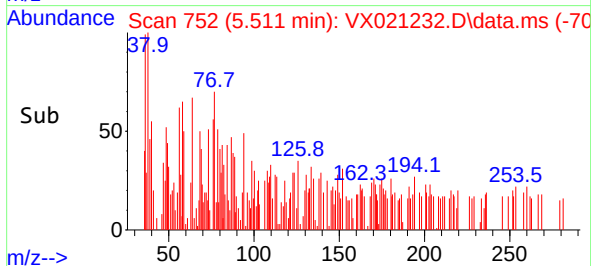
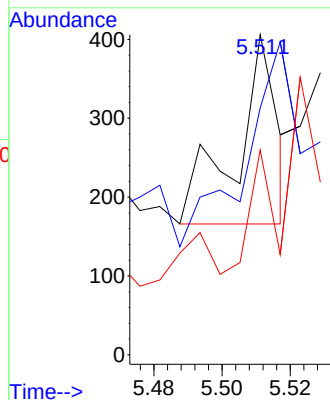
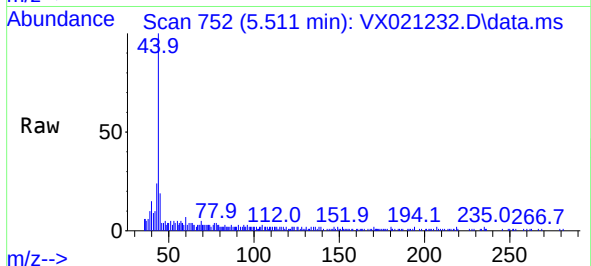
#31
Cyclohexane
Concen: 3.00 ug/l
RT: 5.511 min Scan# 752
Delta R.T. -0.035 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion: 56 Resp: 202
Ion Ratio Lower Upper
56 100
69 73.3 25.3 37.9#
84 55.4 71.4 107.0#

Instrument :
MSVOA_X
ClientSampled :
1875

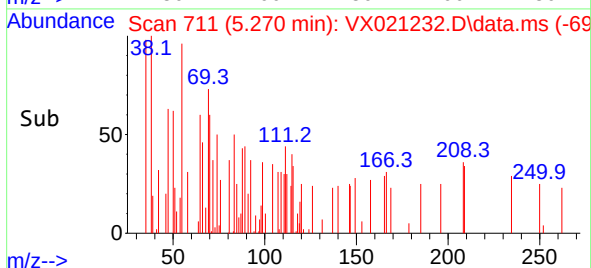
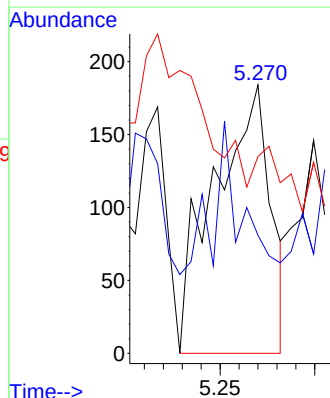
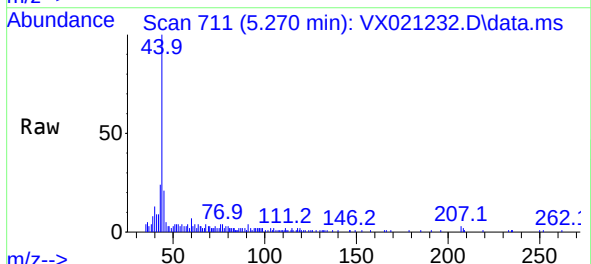
Manual Integrations
APPROVED

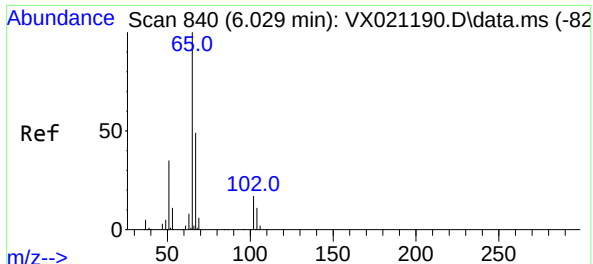
MMDadoda
3/16/2021 10:46:13 AM



#32
1,1,1-Trichloroethane
Concen: 5.72 ug/l
RT: 5.270 min Scan# 711
Delta R.T. -0.194 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion: 97 Resp: 381
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3#
61 0.0 34.2 51.4#





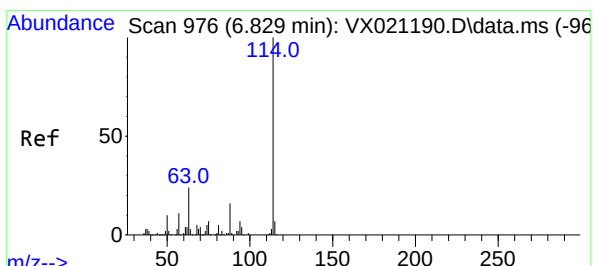
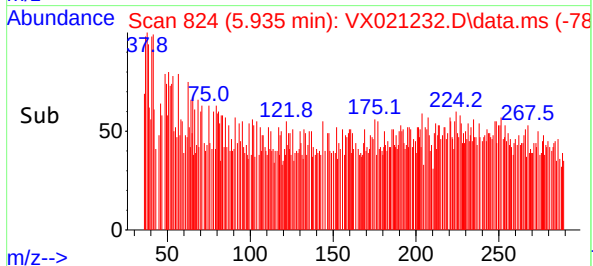
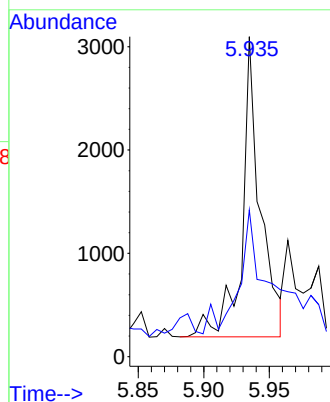
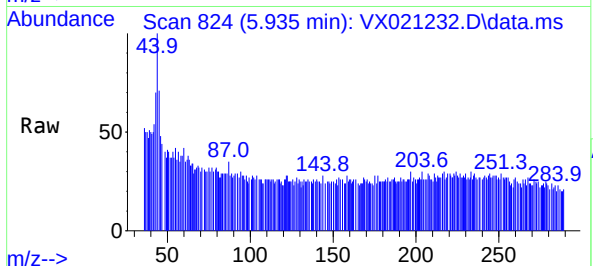
#33
1,2-Dichloroethane-d4
Concen: 52.48 ug/l
RT: 5.935 min Scan# 824
Delta R.T. -0.094 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion: 65 Resp: 2794
Ion Ratio Lower Upper
65 100
67 79.0 0.0 105.4

Instrument :
MSVOA_X
ClientSampleId :
1875

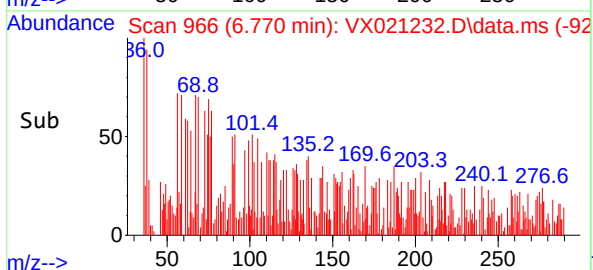
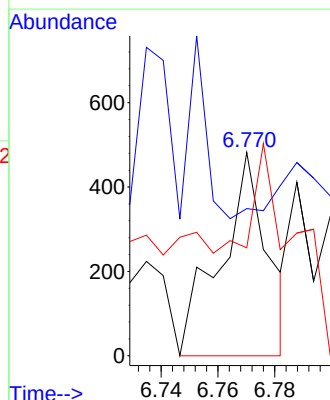
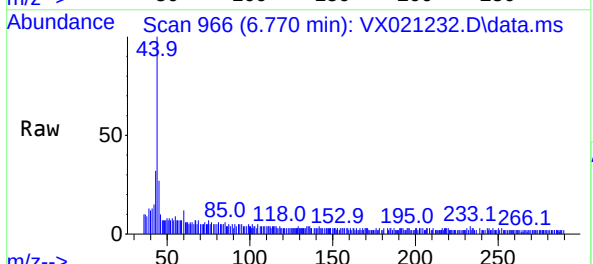
Manual Integrations
APPROVED

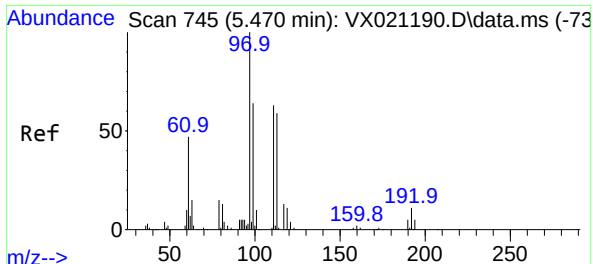
MMDadoda
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.770 min Scan# 966
Delta R.T. -0.059 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion: 114 Resp: 551
Ion Ratio Lower Upper
114 100
63 8.8 0.0 40.8
88 1.4 0.0 32.8





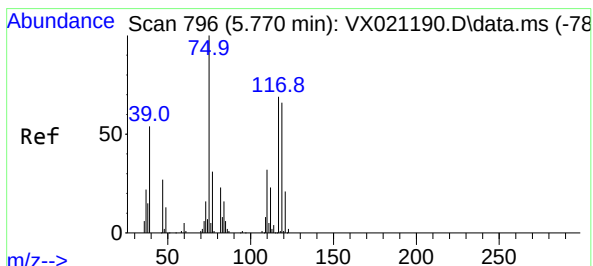
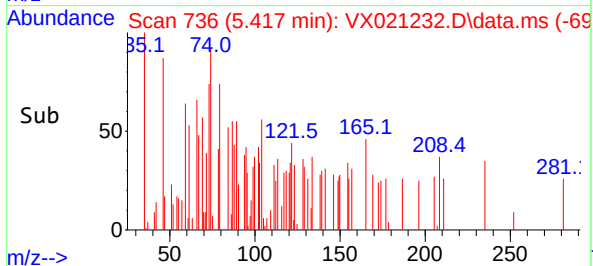
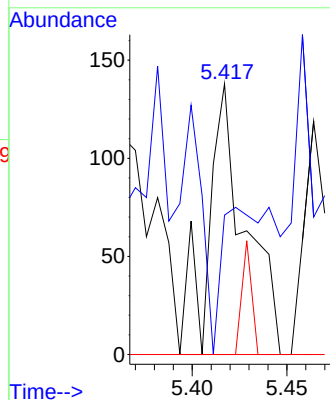
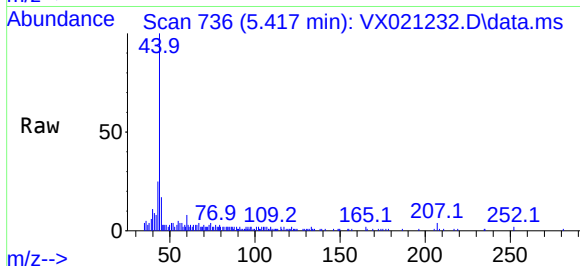
#35
Dibromofluoromethane
Concen: 49.85 ug/l
RT: 5.417 min Scan# 736
Delta R.T. -0.047 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion: 113 Resp: 189
Ion Ratio Lower Upper
113 100
111 78.3 81.9 122.9#
192 0.0 16.7 25.1#

Instrument :
MSVOA_X
ClientSampleId :
1875

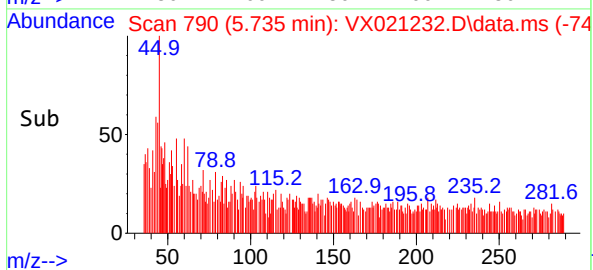
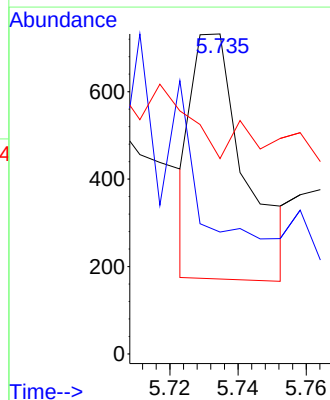
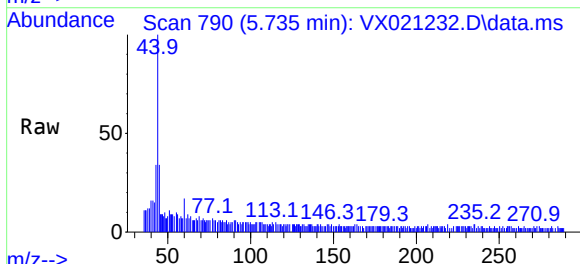
Manual Integrations
APPROVED

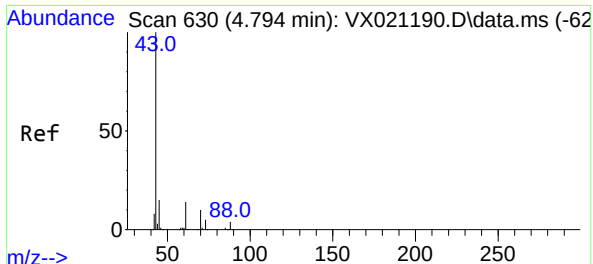
MMDadoda
3/16/2021 10:46:13 AM



#36
1,1-Dichloropropene
Concen: 104.25 ug/l
RT: 5.735 min Scan# 790
Delta R.T. -0.035 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion: 75 Resp: 602
Ion Ratio Lower Upper
75 100
110 0.0 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 776.61 ug/l

RT: 4.823 min Scan# 635

Delta R.T. 0.029 min

Lab File: VX021232.D

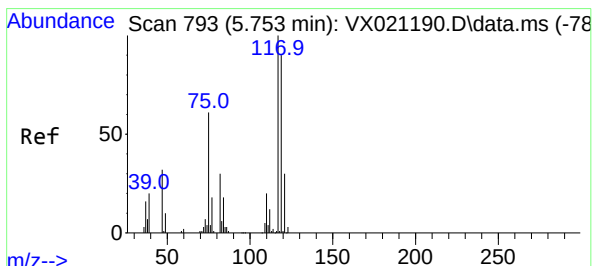
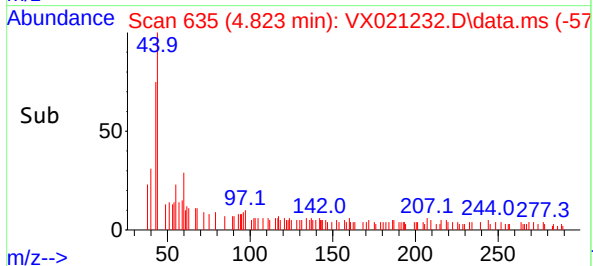
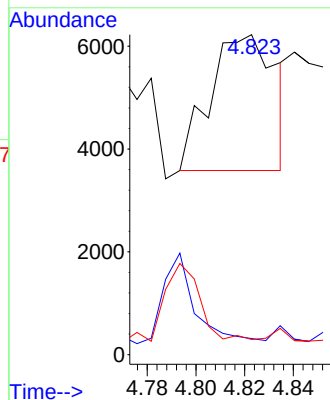
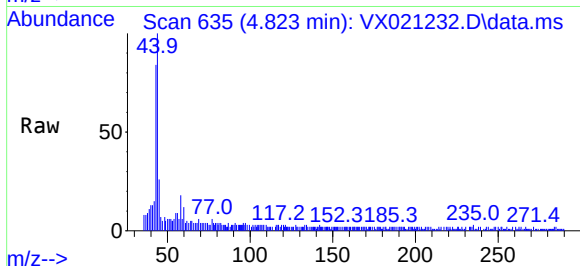
Acq: 16 Mar 2021 04:38

Tgt Ion:	43	Resp:	4940
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	10.5	15.7#

Instrument :
MSVOA_X
ClientSampled :
1875

Manual Integrations
APPROVED

MMDadoda
3/16/2021 10:46:13 AM



#38

Carbon Tetrachloride

Concen: 111.18 ug/l

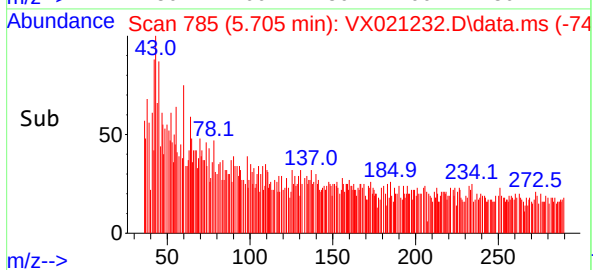
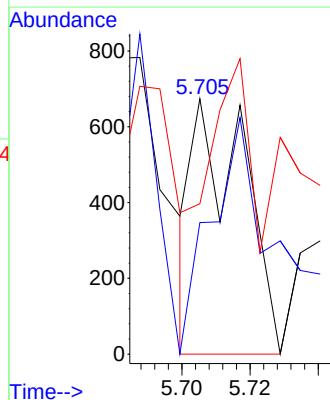
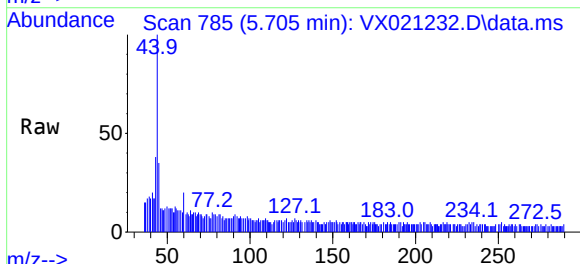
RT: 5.705 min Scan# 785

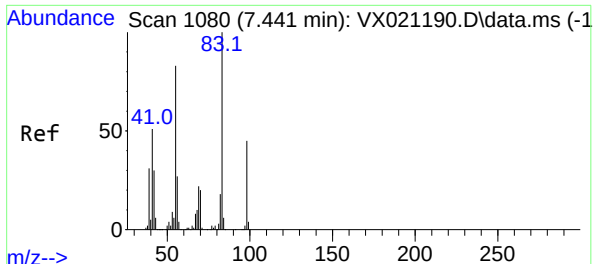
Delta R.T. -0.047 min

Lab File: VX021232.D

Acq: 16 Mar 2021 04:38

Tgt Ion:	117	Resp:	705
Ion	Ratio	Lower	Upper
117	100		
119	7.1	76.2	114.2#
121	3.6	24.8	37.2#





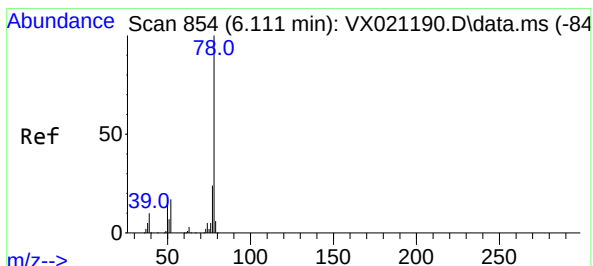
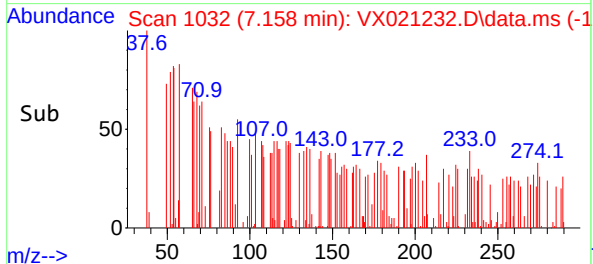
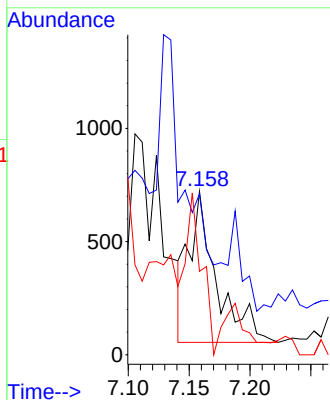
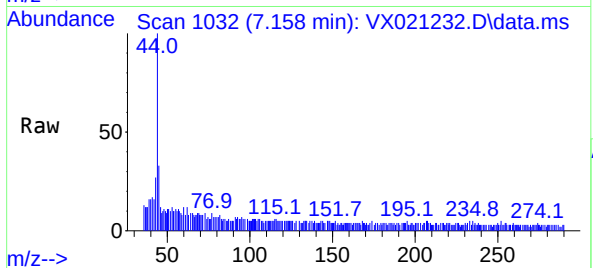
#39
Methylcyclohexane
Concen: 163.13 ug/l
RT: 7.158 min Scan# 1032
Delta R.T. -0.283 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion:	83	Resp:	1058
Ion	Ratio	Lower	Upper
83	100		
55	66.2	58.9	88.3
98	45.7	38.1	57.1

Instrument :
MSVOA_X
ClientSampleId :
1875

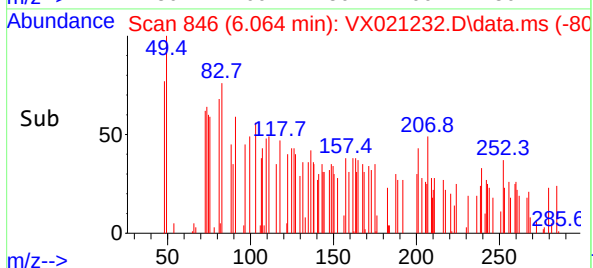
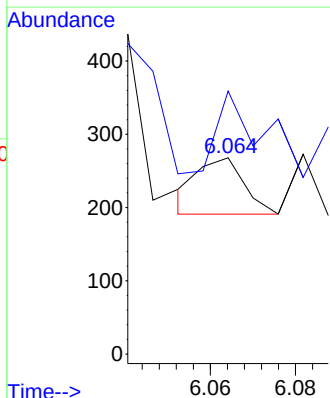
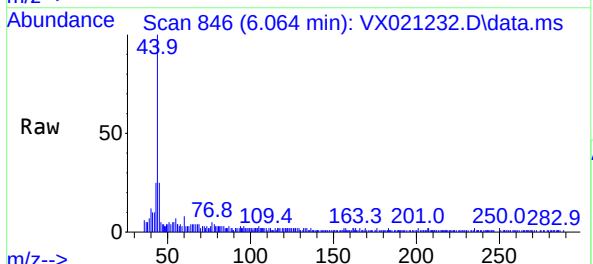
Manual Integrations
APPROVED

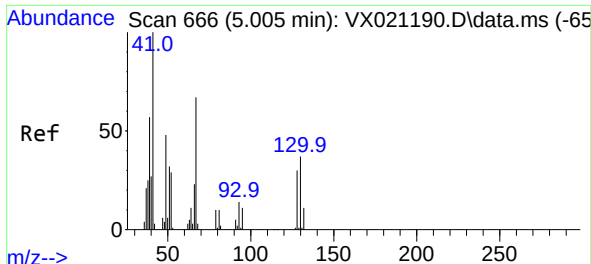
MMDadoda
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#40
Benzene
Concen: 3.59 ug/l
RT: 6.064 min Scan# 846
Delta R.T. -0.047 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion:	78	Resp:	58
Ion	Ratio	Lower	Upper
78	100		
77	146.8	18.9	28.3#





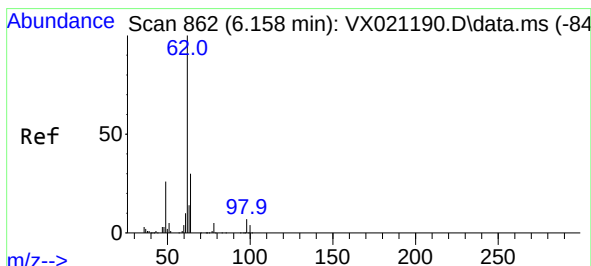
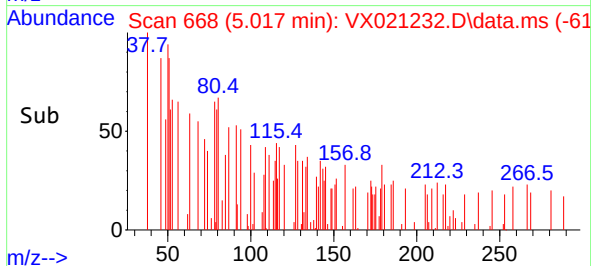
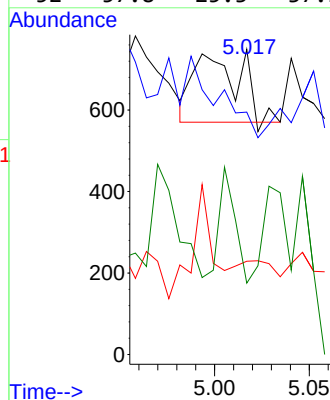
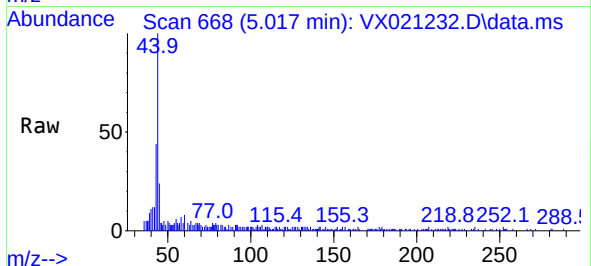
#41
Methacrylonitrile
Concen: 78.27 ug/l
RT: 5.017 min Scan# 668
Delta R.T. 0.012 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion:	41	Resp:	287
Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.5	63.7#
67	0.0	65.0	97.6#
52	57.8	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :
1875

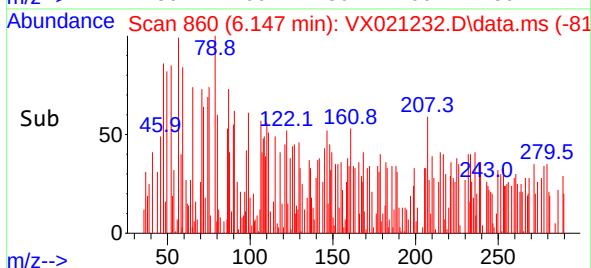
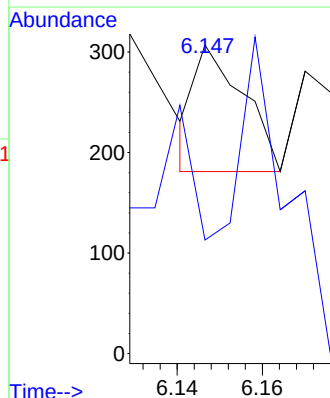
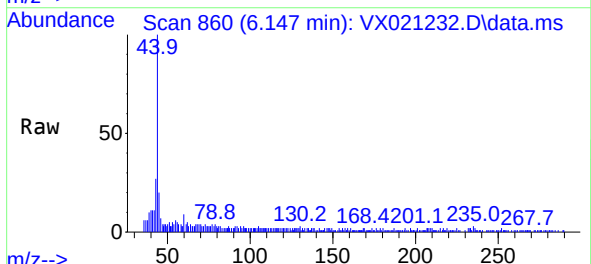
Manual Integrations
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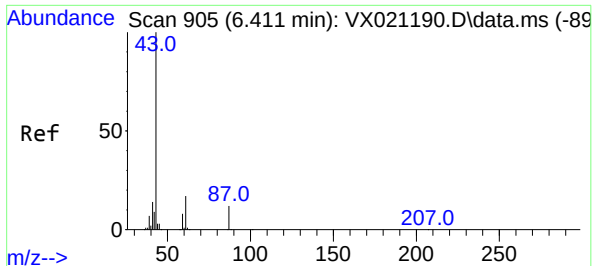
MMDadoda
3/16/2021 10:46:13 AM



#42
1,2-Dichloroethane
Concen: 14.56 ug/l
RT: 6.147 min Scan# 860
Delta R.T. -0.012 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion:	62	Resp:	100
Ion	Ratio	Lower	Upper
62	100		
98	265.0	0.0	20.2#





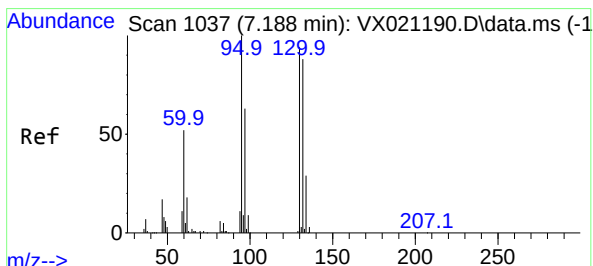
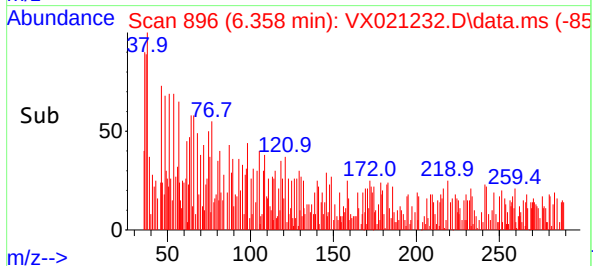
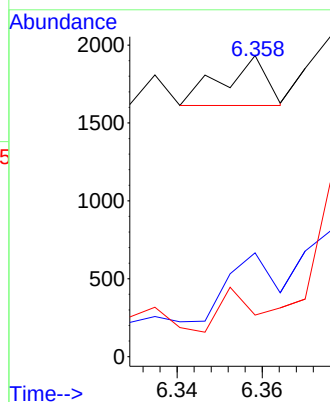
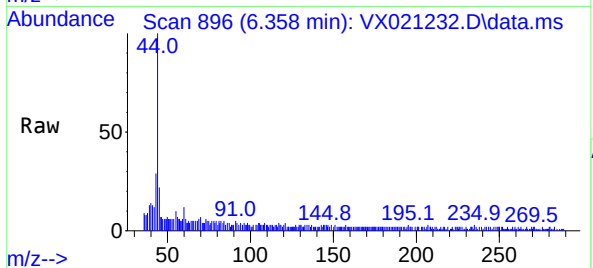
#43
Isopropyl Acetate
Concen: 21.37 ug/l
RT: 6.358 min Scan# 896
Delta R.T. -0.053 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion: 43 Resp: 228
Ion Ratio Lower Upper
43 100
61 145.2 18.2 27.4#
87 61.4 12.5 18.7#

Instrument :
MSVOA_X
ClientSampled :
1875

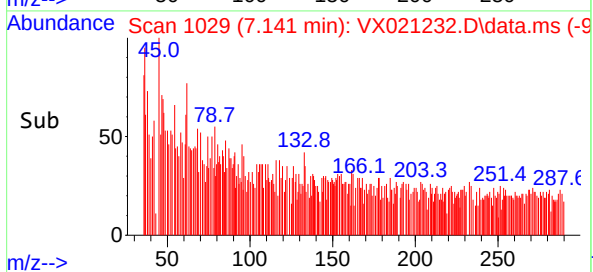
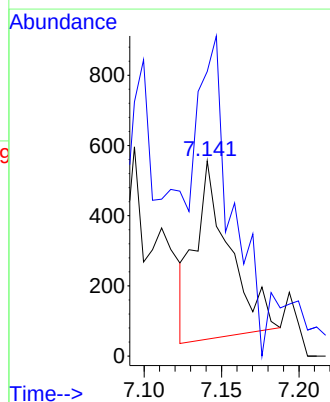
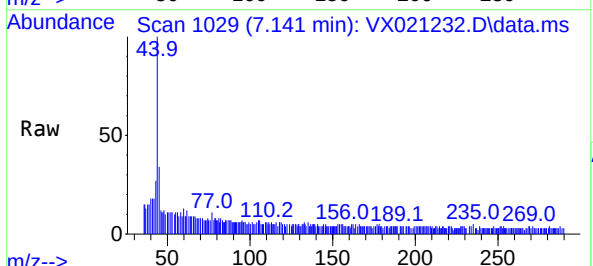
Manual Integrations
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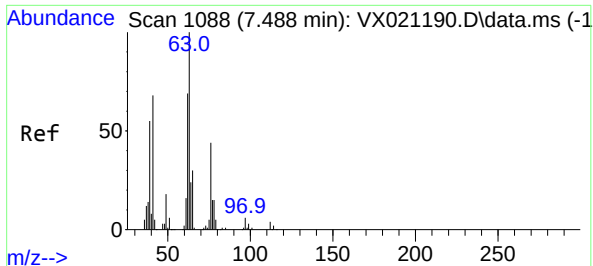
MMDadoda
3/16/2021 10:46:13 AM



#44
Trichloroethene
Concen: 180.00 ug/l
RT: 7.141 min Scan# 1029
Delta R.T. -0.041 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion:130 Resp: 772
Ion Ratio Lower Upper
130 100
95 141.9 0.0 198.0





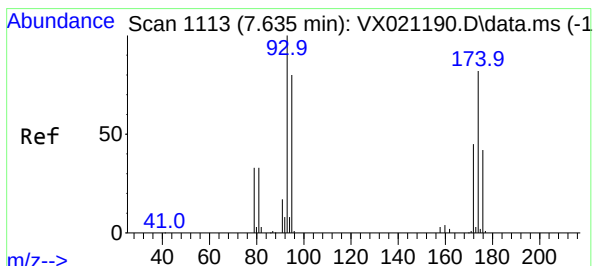
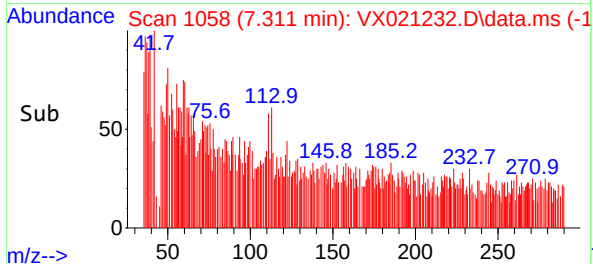
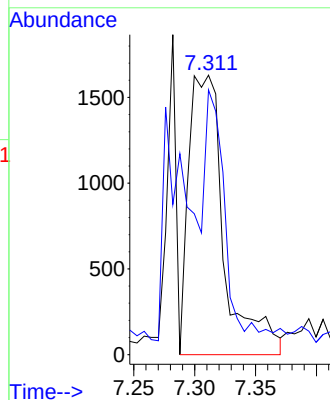
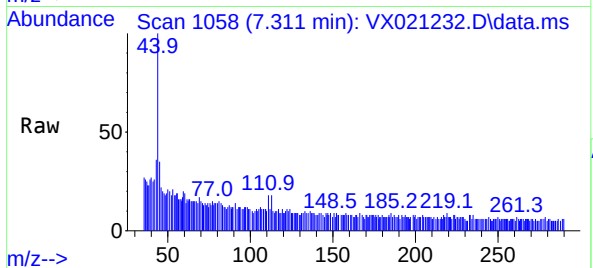
#45
1,2-Dichloropropane
Concen: 758.16 ug/l
RT: 7.311 min Scan# 1058
Delta R.T. -0.177 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion: 63 Resp: 3308
Ion Ratio Lower Upper
63 100
65 90.7 25.7 38.5#

Instrument :
MSVOA_X
ClientSampled :
1875

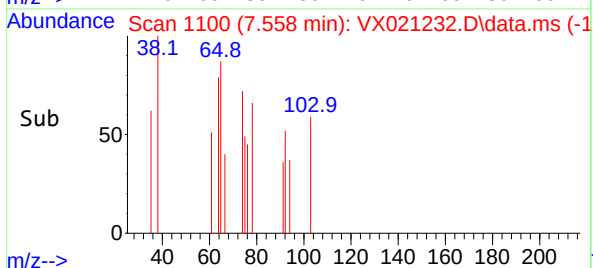
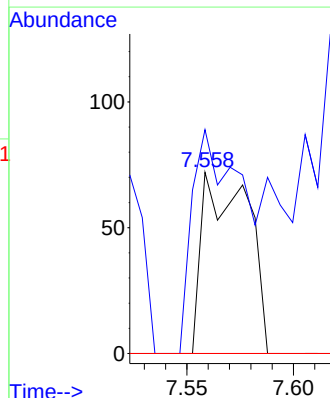
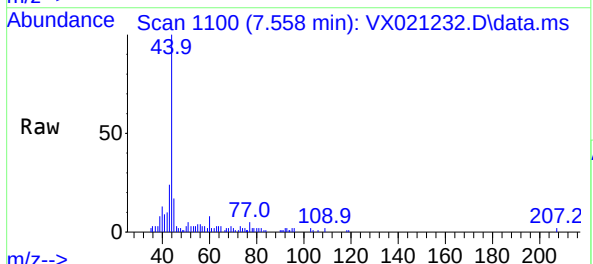
Manual Integrations
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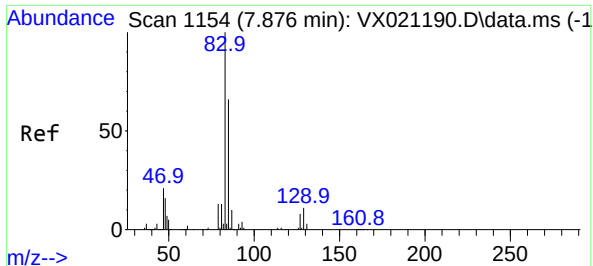
MMDadoda
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#46
Dibromomethane
Concen: 35.53 ug/l
RT: 7.558 min Scan# 1100
Delta R.T. -0.077 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion: 93 Resp: 108
Ion Ratio Lower Upper
93 100
95 136.1 66.8 100.2#
174 0.0 83.1 124.7#





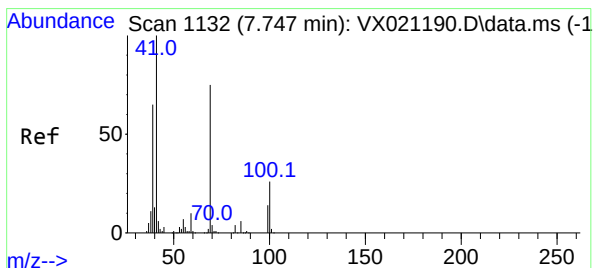
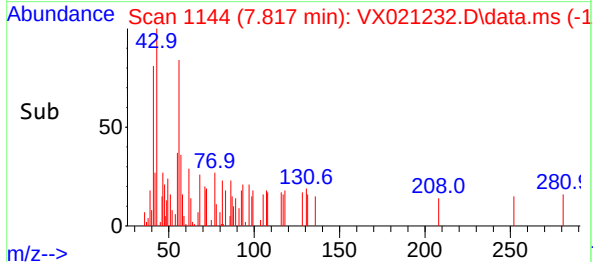
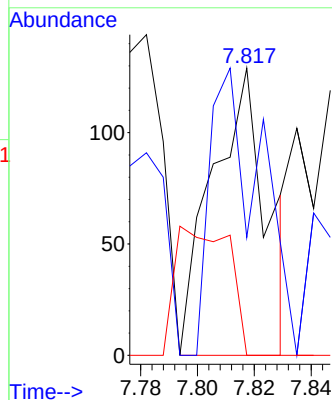
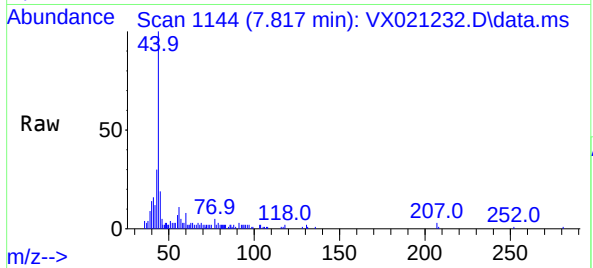
#47
Bromodichloromethane
Concen: 27.15 ug/l
RT: 7.817 min Scan# 1144
Delta R.T. -0.059 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion: 83 Resp: 173
Ion Ratio Lower Upper
83 100
85 41.1 51.4 77.0#
127 0.0 6.8 10.2#

Instrument :
MSVOA_X
ClientSampled :
1875

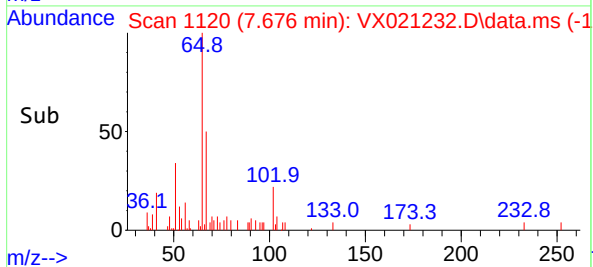
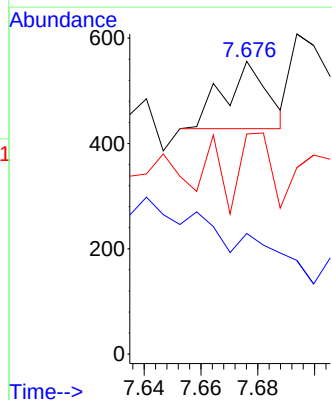
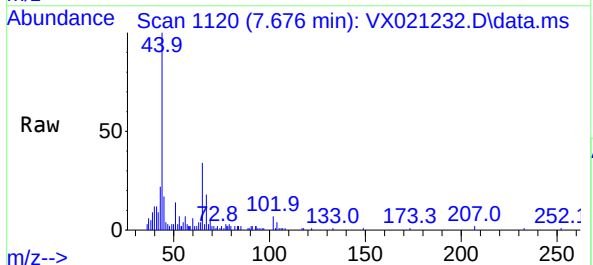
Manual Integrations
APPROVED

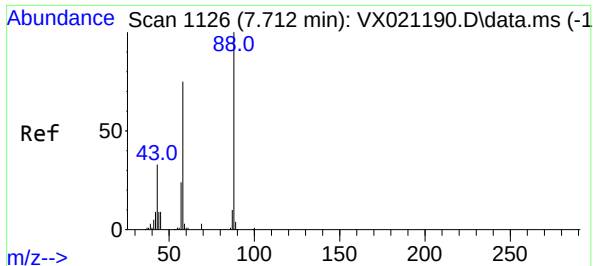
MMDadoda
3/16/2021 10:46:13 AM



#48
Methyl methacrylate
Concen: 24.23 ug/l
RT: 7.676 min Scan# 1120
Delta R.T. -0.071 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion: 41 Resp: 133
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 84.2 44.6 67.0#





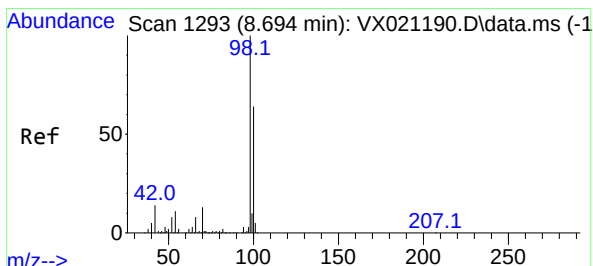
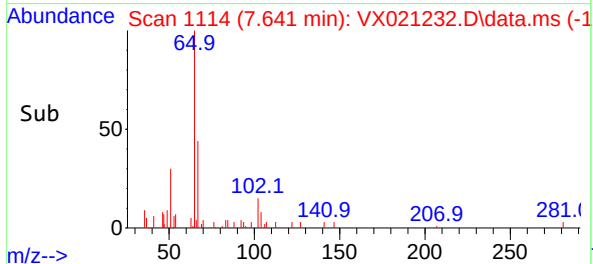
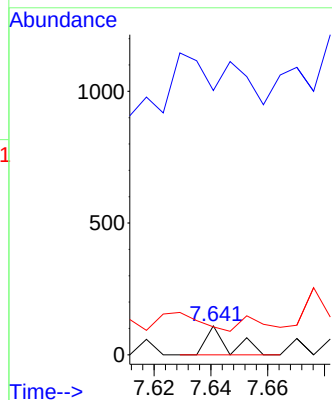
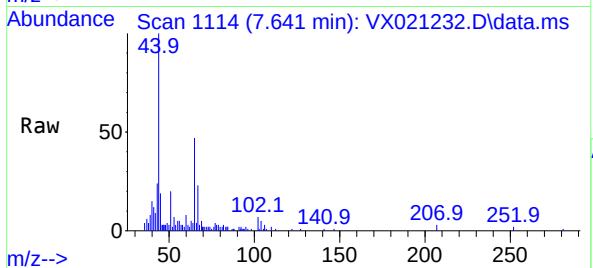
#49
1,4-Dioxane
Concen: 669.34 ug/l
RT: 7.641 min Scan# 1114
Delta R.T. -0.071 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 58.1 55.0 82.4

Instrument :
MSVOA_X
ClientSampleId :
1875

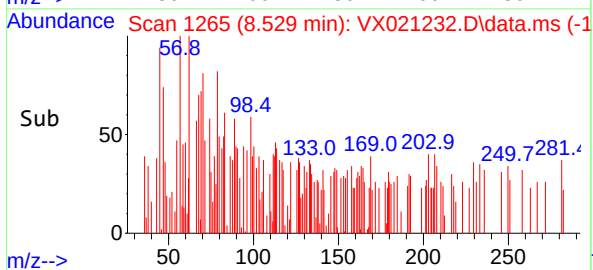
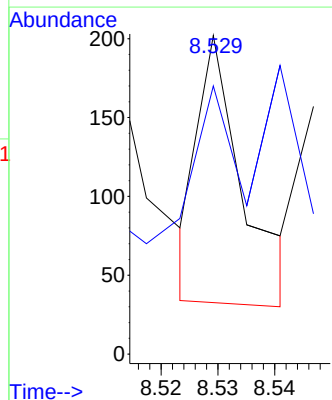
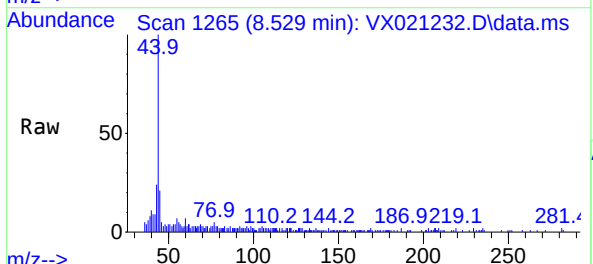
Manual Integrations
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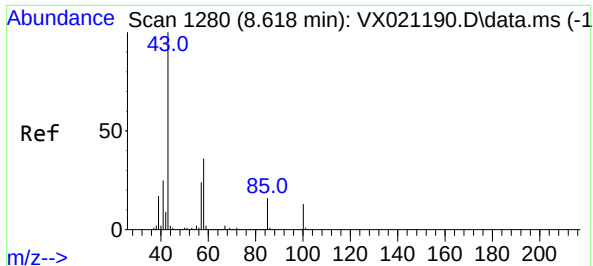
MMDadoda
3/16/2021 10:46:13 AM



#50
Toluene-d8
Concen: 6.83 ug/l
RT: 8.529 min Scan# 1265
Delta R.T. -0.165 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion: 98 Resp: 93
Ion Ratio Lower Upper
98 100
100 52.7 51.9 77.9





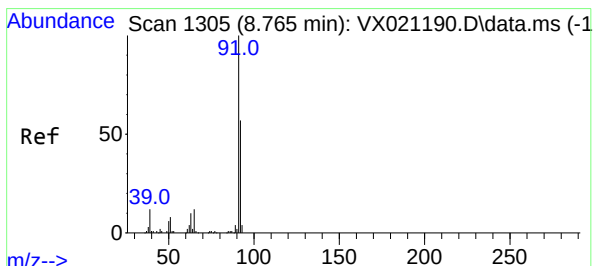
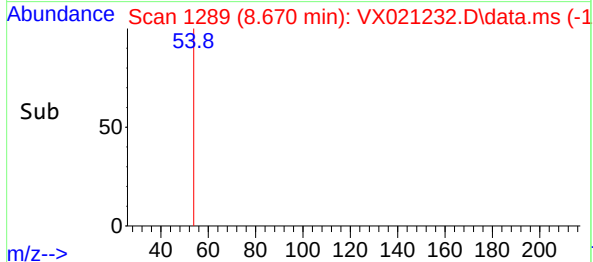
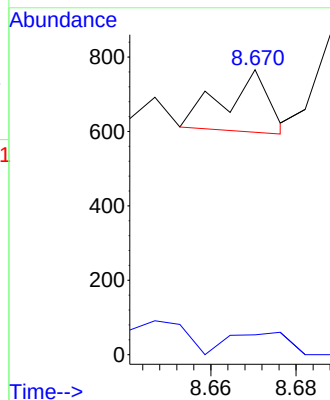
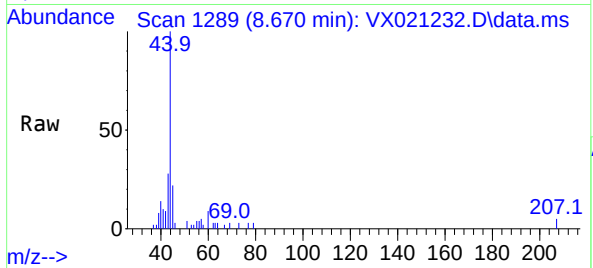
#51
4-Methyl-2-Pentanone
Concen: 19.56 ug/l
RT: 8.670 min Scan# 1289
Delta R.T. 0.053 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion: 43 Resp: 119
Ion Ratio Lower Upper
43 100
58 48.7 35.4 53.0

Instrument :
MSVOA_X
ClientSampled :
1875

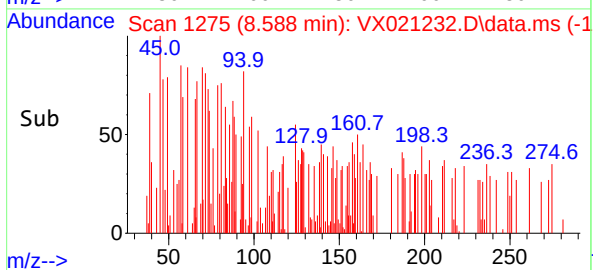
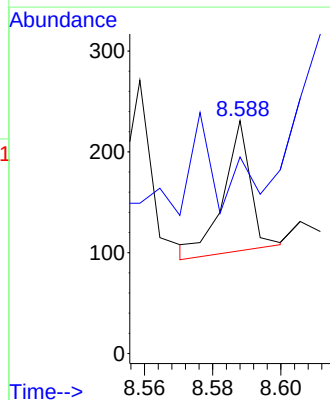
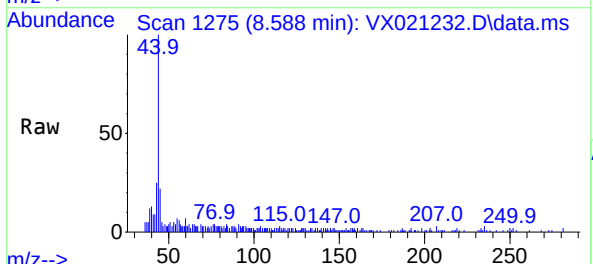
Manual Integrations
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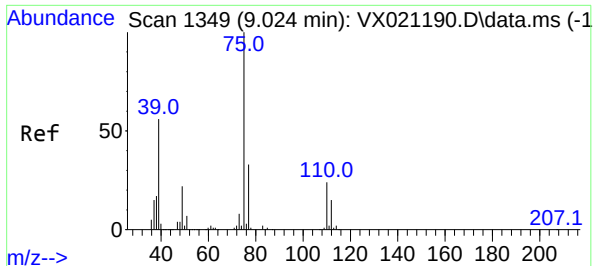
MMDadoda
3/16/2021 10:46:13 AM



#52
Toluene
Concen: 7.40 ug/l
RT: 8.588 min Scan# 1275
Delta R.T. -0.177 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion: 92 Resp: 72
Ion Ratio Lower Upper
92 100
91 172.2 137.1 205.7





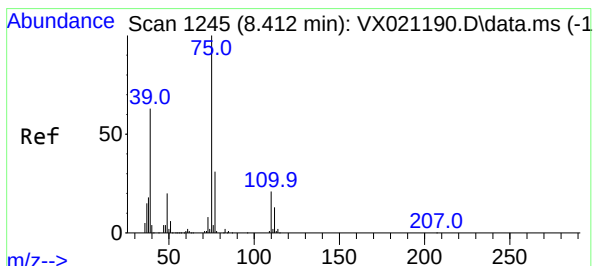
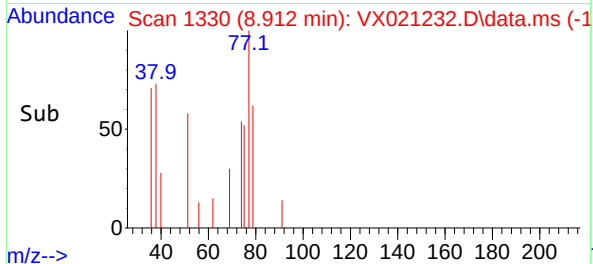
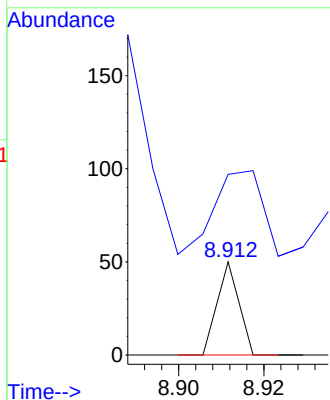
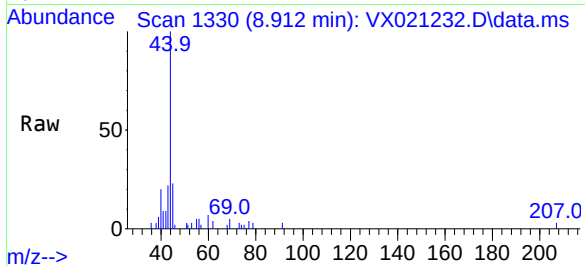
#53
t-1,3-Dichloropropene
Concen: 2.73 ug/l
RT: 8.912 min Scan# 1330
Delta R.T. -0.112 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion: 75 Resp: 18
Ion Ratio Lower Upper
75 100
77 88.0 24.9 37.3#

Instrument :
MSVOA_X
ClientSampled :
1875

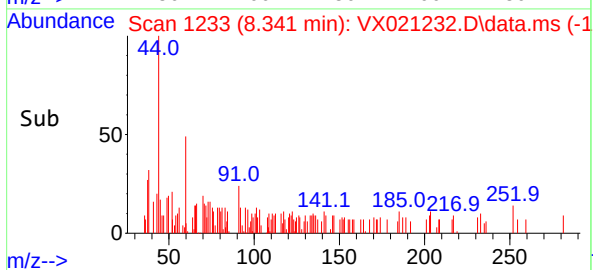
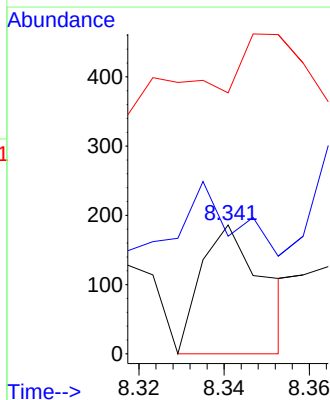
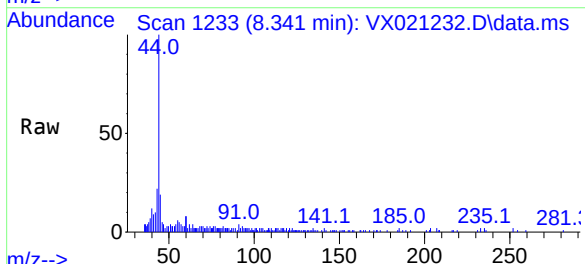
Manual Integrations
APPROVED

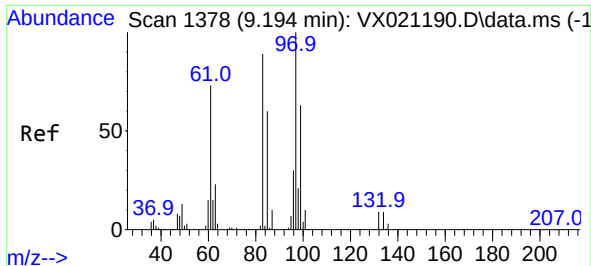
MMDadoda
3/16/2021 10:46:13 AM



#54
cis-1,3-Dichloropropene
Concen: 27.30 ug/l
RT: 8.341 min Scan# 1233
Delta R.T. -0.071 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

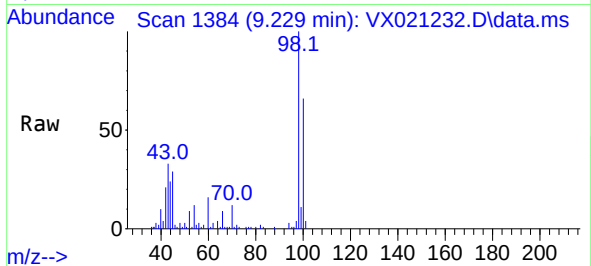
Tgt Ion: 75 Resp: 192
Ion Ratio Lower Upper
75 100
77 35.8 25.7 38.5
39 0.0 35.1 52.7#





#55
1,1,2-Trichloroethane
Concen: 243.36 ug/l
RT: 9.229 min Scan# 1384
Delta R.T. 0.035 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Instrument :
MSVOA_X
ClientSampled :
1875

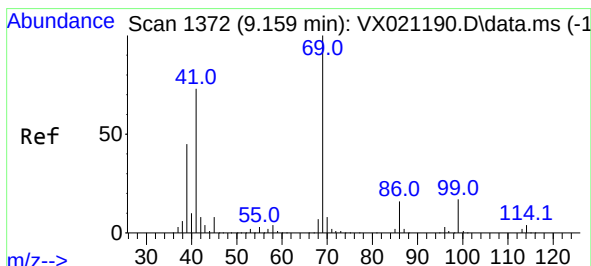
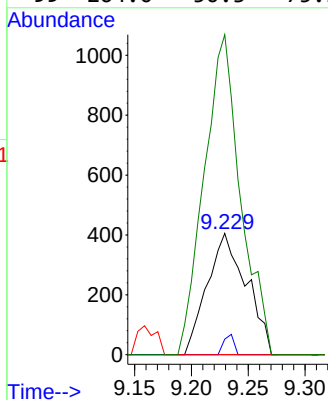
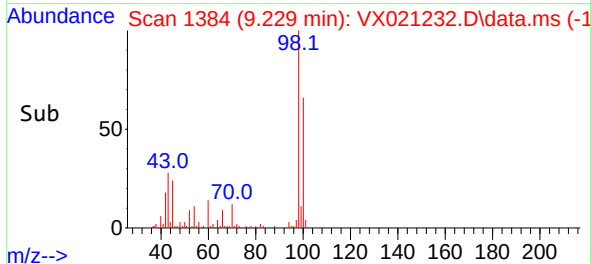


Tgt Ion: 97 Resp: 977

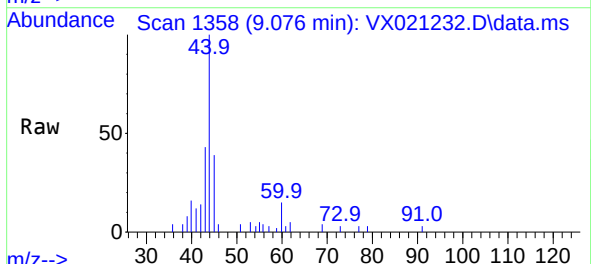
Ion	Ratio	Lower	Upper
97	100		
83	12.8	69.3	103.9#
85	0.0	44.3	66.5#
99	264.0	50.3	75.5#

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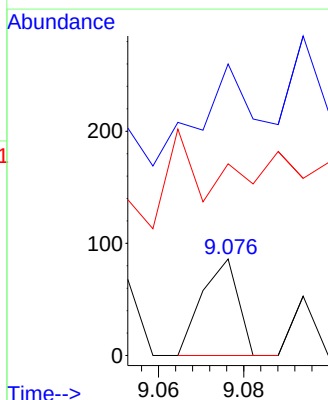
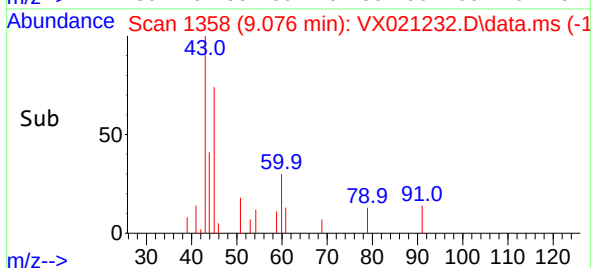


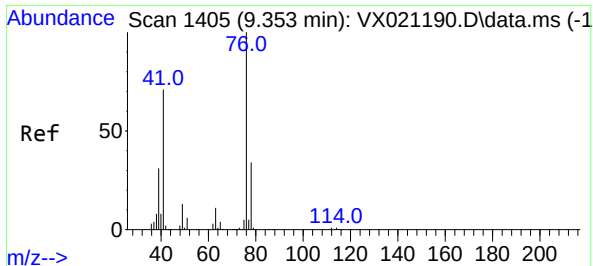
#56
Ethyl methacrylate
Concen: 8.18 ug/l
RT: 9.076 min Scan# 1358
Delta R.T. -0.083 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38



Tgt Ion: 69 Resp: 51

Ion	Ratio	Lower	Upper
69	100		
41	0.0	46.8	70.2#
39	78.4	24.7	37.1#





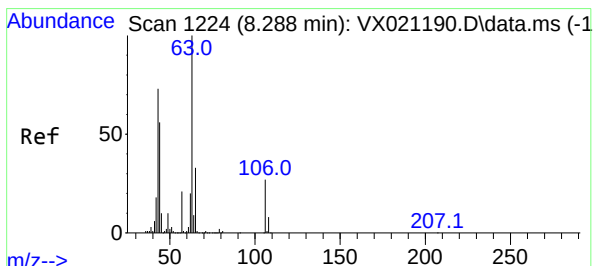
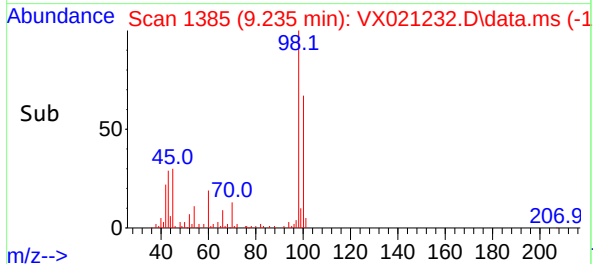
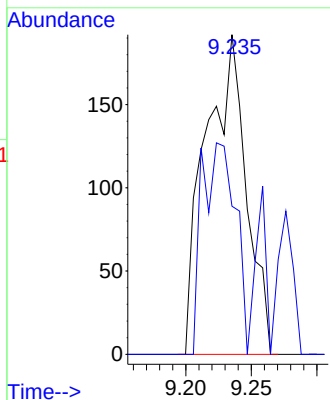
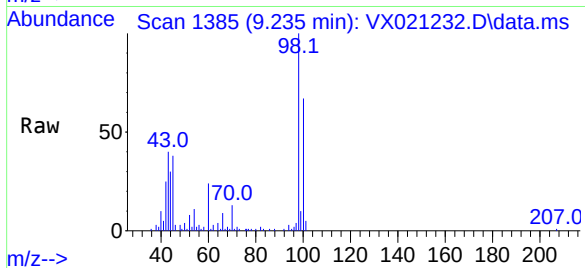
#57
1,3-Dichloropropane
Concen: 59.75 ug/l
RT: 9.235 min Scan# 1385
Delta R.T. -0.118 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion: 76 Resp: 415
Ion Ratio Lower Upper
76 100
78 54.2 26.2 39.2#

Instrument :
MSVOA_X
ClientSampleId :
1875

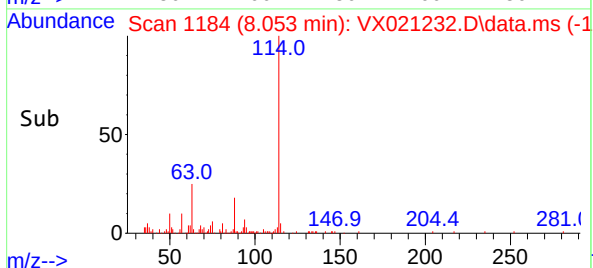
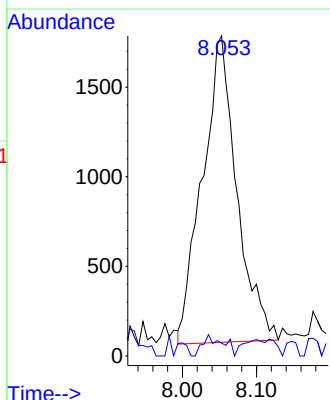
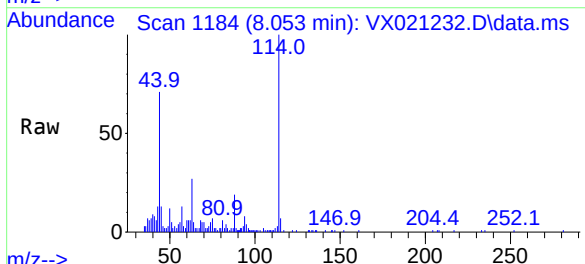
Manual Integrations
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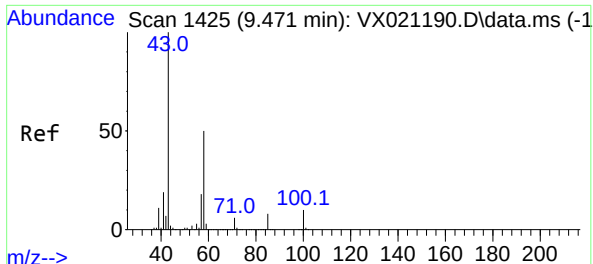
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#58
2-Chloroethyl Vinyl ether
Concen: 1765.19 ug/l
RT: 8.053 min Scan# 1184
Delta R.T. -0.236 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion: 63 Resp: 5521
Ion Ratio Lower Upper
63 100
106 4.0 23.5 35.3#





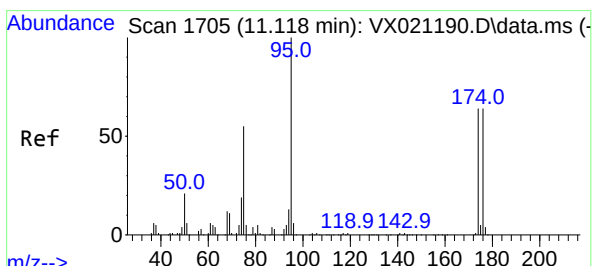
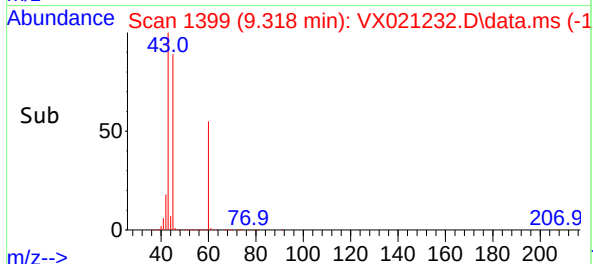
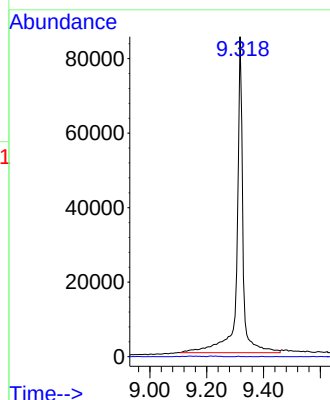
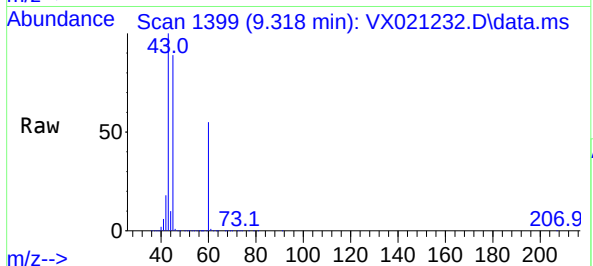
#59
2-Hexanone
Concen: 27346.38 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.153 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion: 43 Resp: 125218
Ion Ratio Lower Upper
43 100
58 0.1 30.9 92.8#

Instrument :
MSVOA_X
ClientSampleId :
1875

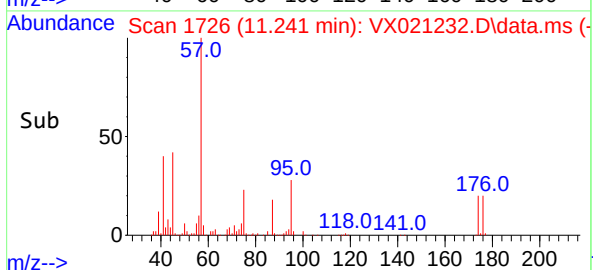
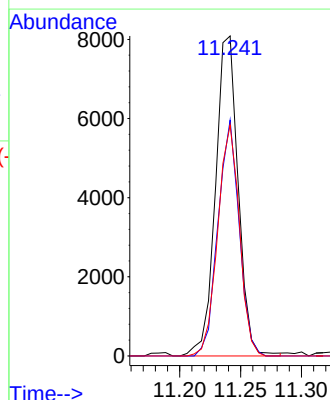
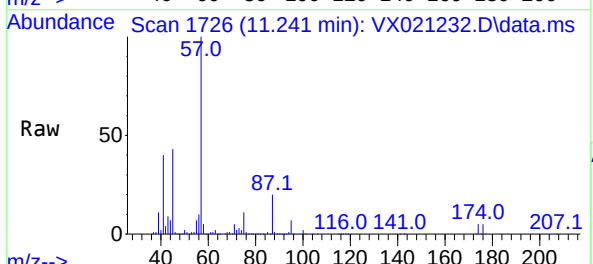
Manual Integrations
APPROVED

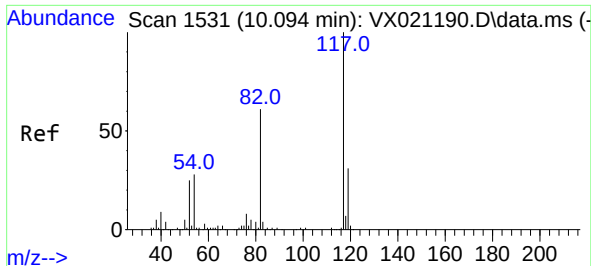
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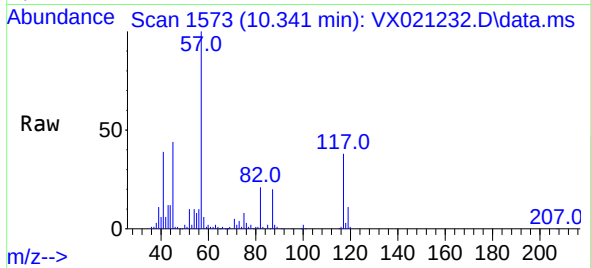
#62
4-Bromofluorobenzene
Concen: 2018.65 ug/l
RT: 11.241 min Scan# 1726
Delta R.T. 0.123 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion: 95 Resp: 10476
Ion Ratio Lower Upper
95 100
174 68.8 0.0 154.6
176 68.8 0.0 155.8

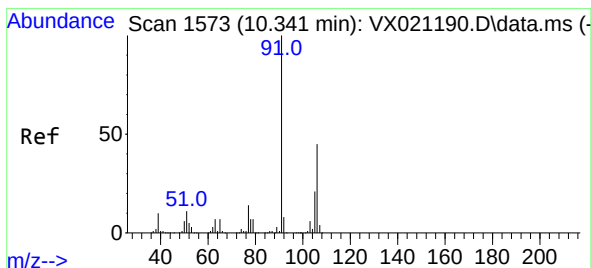
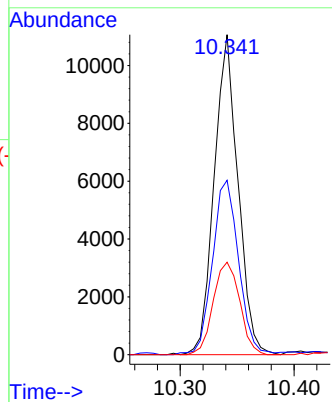
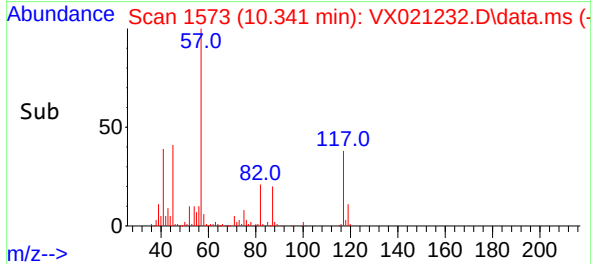




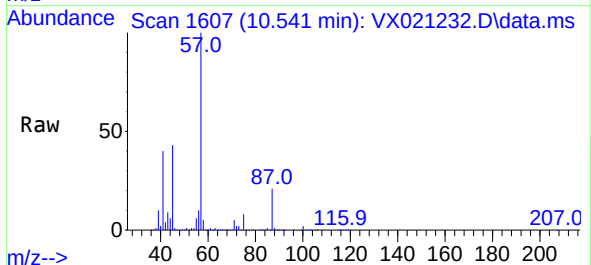
#63
Chlorobenzene-d5
Concen: 50.00 ug/l m
RT: 10.341 min Scan# 1573
Delta R.T. 0.247 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38



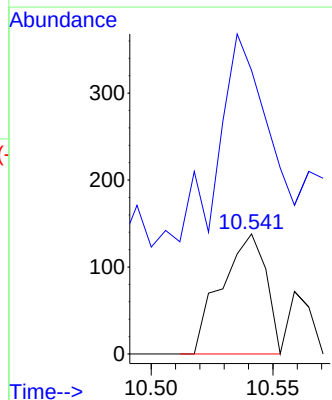
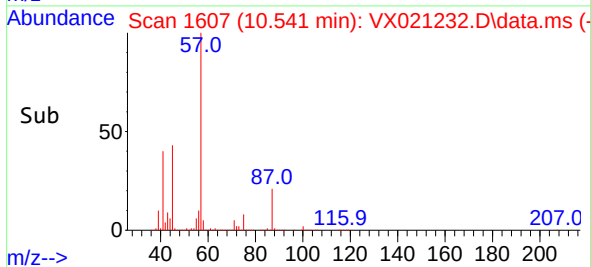
Tgt Ion:117 Resp: 16048
Ion Ratio Lower Upper
117 100
82 54.5 47.4 71.2
119 28.9 26.6 39.8



#68
m/p-Xylenes
Concen: 0.79 ug/l
RT: 10.541 min Scan# 1607
Delta R.T. 0.200 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38



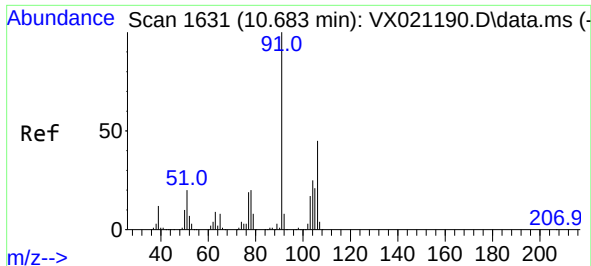
Tgt Ion:106 Resp: 175
Ion Ratio Lower Upper
106 100
91 188.6 162.8 244.2



Instrument :
MSVOA_X
ClientSampleId :
1875

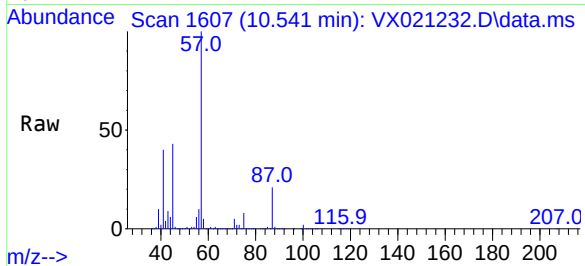
Manual Integrations
APPROVED

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3/16/2021 10:46:13 AM



#69
o-Xylene
Concen: 0.82 ug/l
RT: 10.541 min Scan# 1607
Delta R.T. -0.142 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

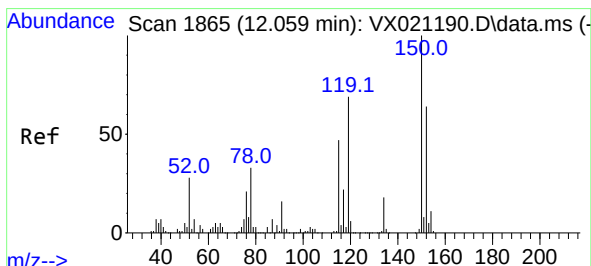
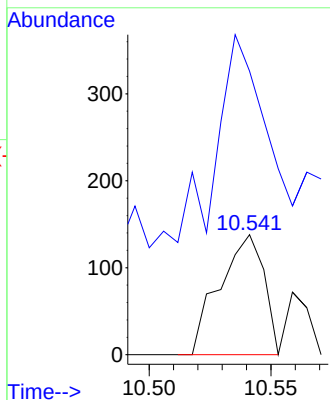
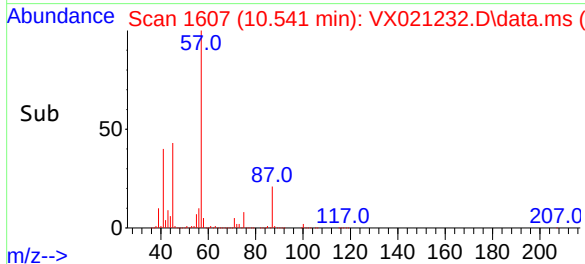
Instrument :
MSVOA_X
ClientSampled :
1875



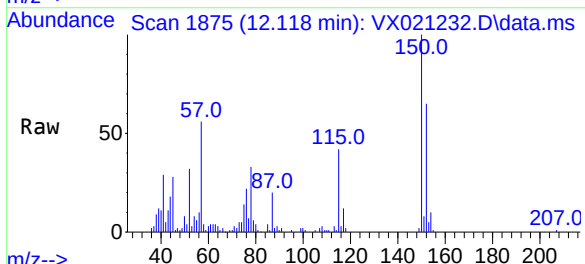
Tgt Ion:106 Resp: 175
Ion Ratio Lower Upper
106 100
91 194.3 108.1 324.2

Manual Integrations
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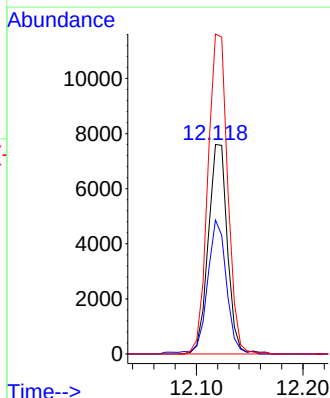
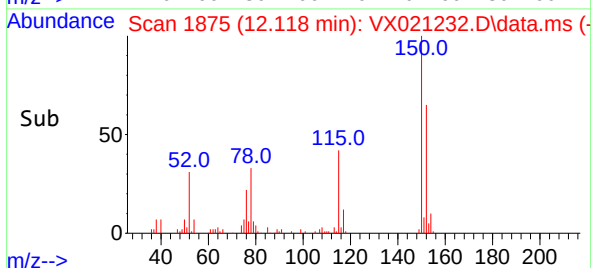
MMDadoda
3/16/2021 10:46:13 AM

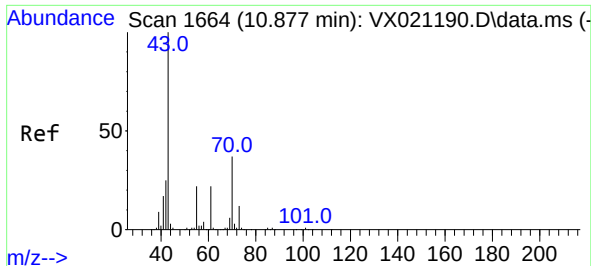


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.118 min Scan# 1875
Delta R.T. 0.053 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38



Tgt Ion:152 Resp: 9470
Ion Ratio Lower Upper
152 100
115 63.6 41.1 123.3
150 157.8 0.0 349.0





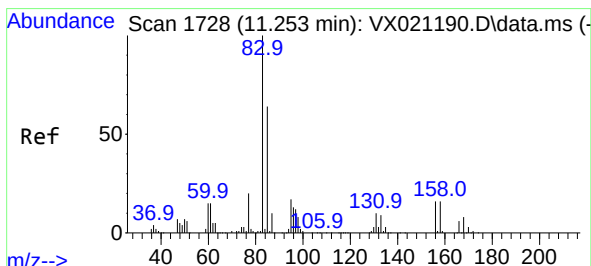
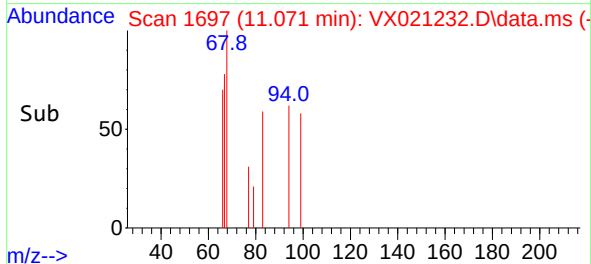
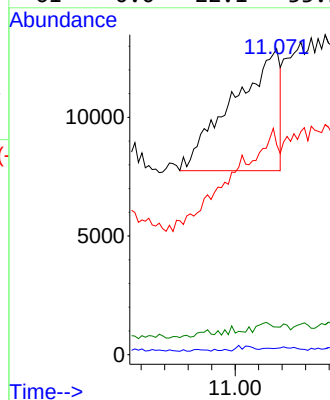
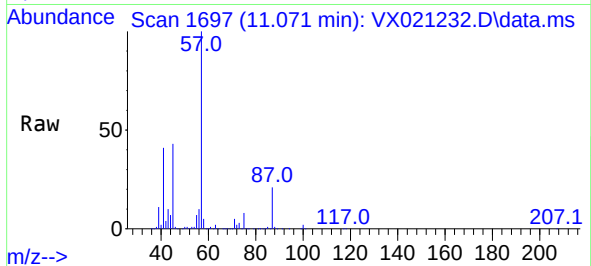
#74
N-amy1 acetate
Concen: 80.84 ug/l
RT: 11.071 min Scan# 1697
Delta R.T. 0.194 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion:	43	Resp:	28385
Ion	Ratio	Lower	Upper
43	100		
70	1.0	39.0	58.6#
55	0.0	21.5	32.3#
61	0.0	22.1	33.1#

Instrument :
MSVOA_X
ClientSampled :
1875

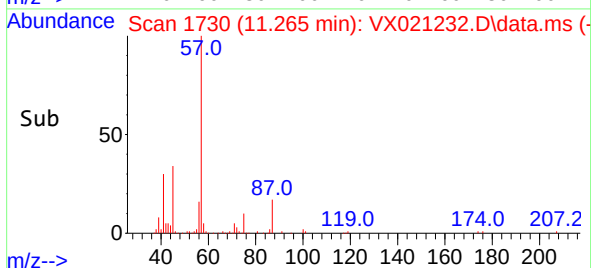
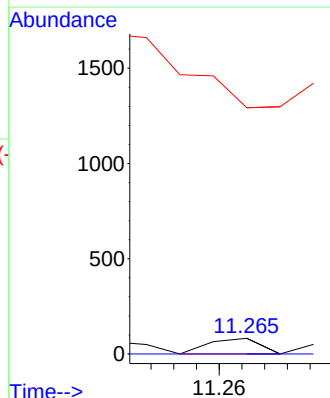
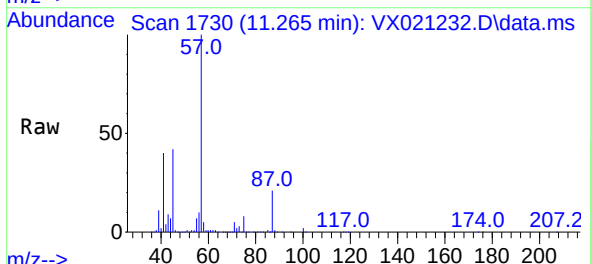
Manual Integrations
APPROVED

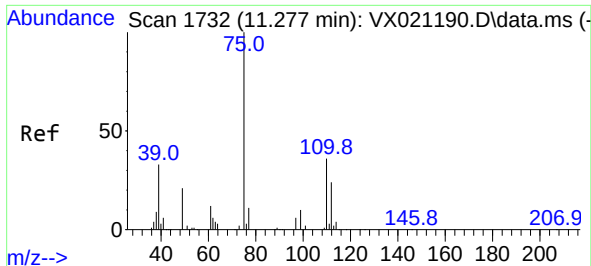
MMDadoda
3/16/2021 10:46:13 AM



#75
1,1,2,2-Tetrachloroethane
Concen: 0.23 ug/l
RT: 11.265 min Scan# 1730
Delta R.T. 0.012 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

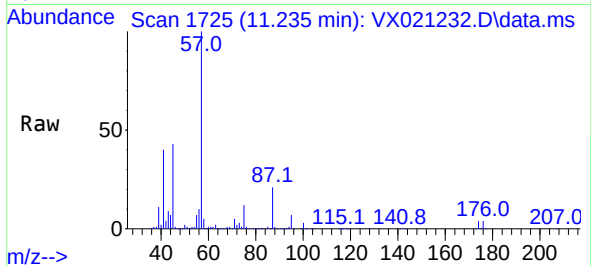
Tgt Ion:	83	Resp:	52
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.2#
85	0.0	31.8	95.4#





#76
1,2,3-Trichloropropane
Concen: 237.45 ug/l
RT: 11.235 min Scan# 1725
Delta R.T. -0.041 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

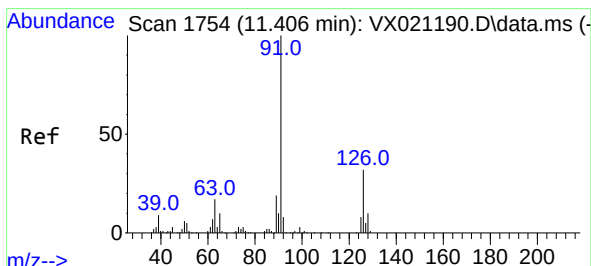
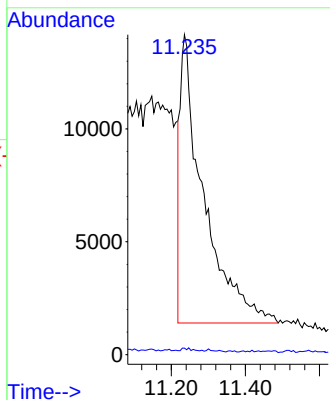
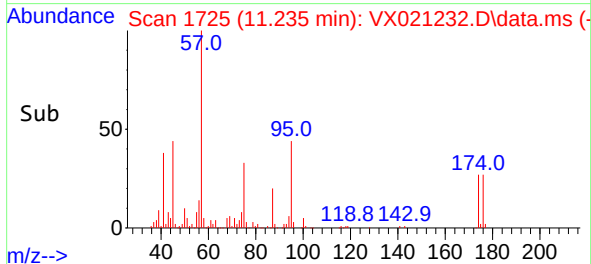
Instrument :
MSVOA_X
ClientSampled :
1875



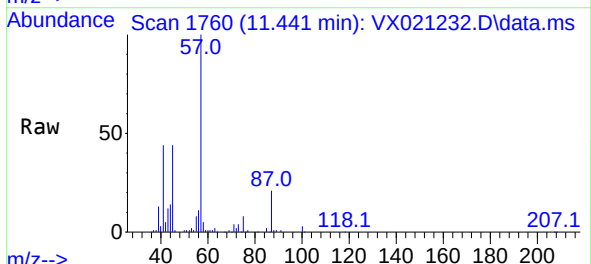
Tgt Ion: 75 Resp: 55756
Ion Ratio Lower Upper
75 100
77 0.4 19.1 57.5#

Manual Integrations
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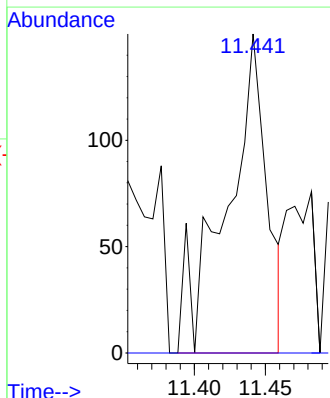
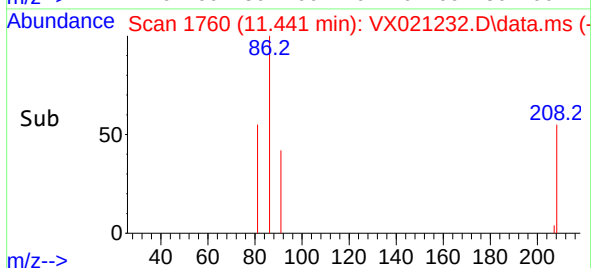
MMDadoda
3/16/2021 10:46:13 AM

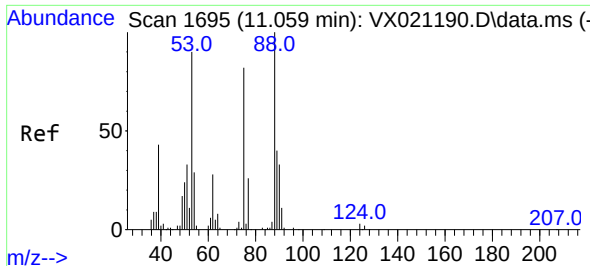


#79
2-Chlorotoluene
Concen: 0.58 ug/l
RT: 11.441 min Scan# 1760
Delta R.T. 0.041 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38



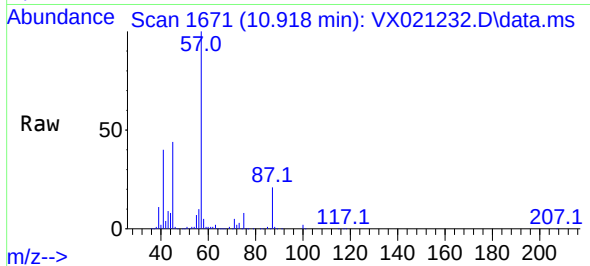
Tgt Ion: 91 Resp: 298
Ion Ratio Lower Upper
91 100
126 0.0 16.6 49.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 11.98 ug/l
RT: 10.918 min Scan# 1671
Delta R.T. -0.141 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

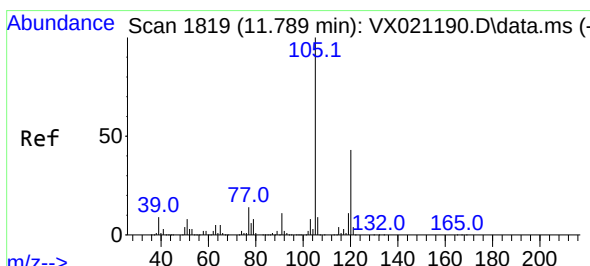
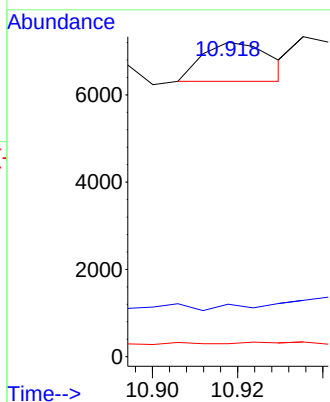
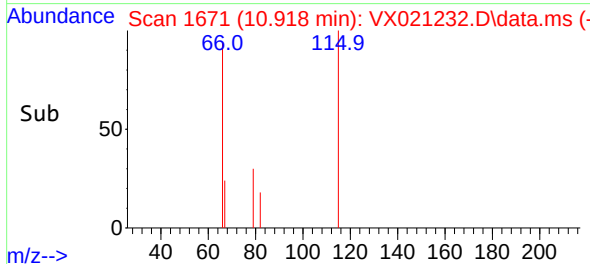
Instrument :
MSVOA_X
ClientSampleId :
1875



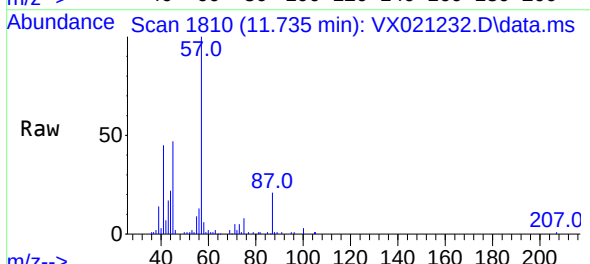
Tgt Ion: 75 Resp: 991
Ion Ratio Lower Upper
75 100
53 26.4 74.5 111.7#
89 0.0 37.9 56.9#

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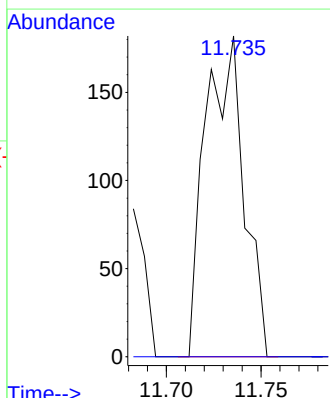
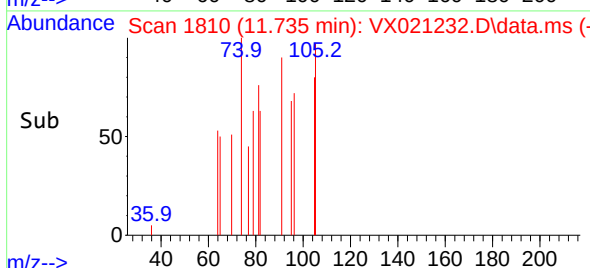
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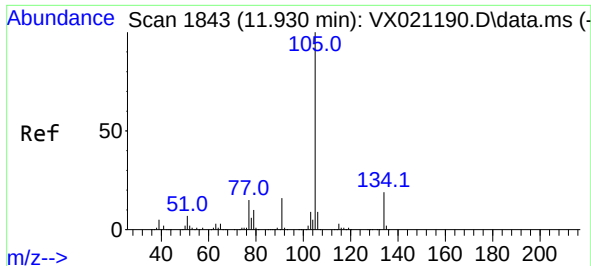


#84
1,2,4-Trimethylbenzene
Concen: 0.42 ug/l
RT: 11.735 min Scan# 1810
Delta R.T. -0.053 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38



Tgt Ion: 105 Resp: 258
Ion Ratio Lower Upper
105 100
120 0.0 22.4 67.3#





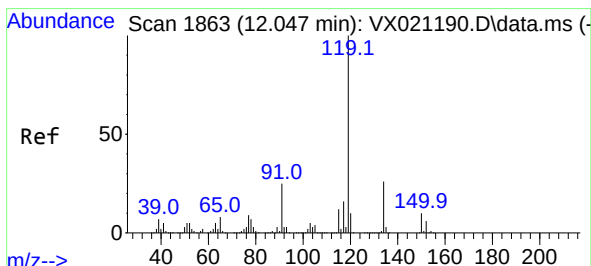
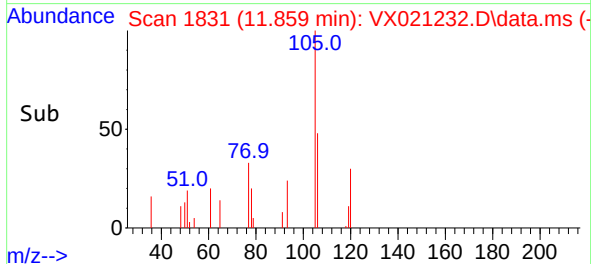
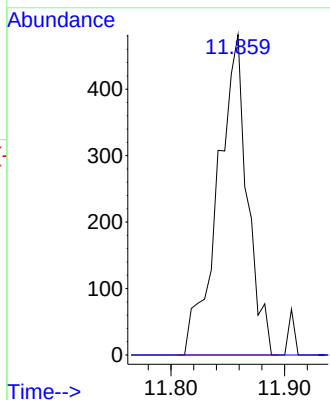
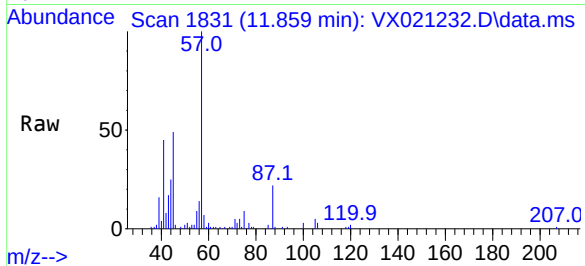
#85
 sec-Butylbenzene
 Concen: 1.28 ug/l
 RT: 11.859 min Scan# 1831
 Delta R.T. -0.071 min
 Lab File: VX021232.D
 Acq: 16 Mar 2021 04:38

Tgt Ion:105 Resp: 874
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.0 29.8#

Instrument :
 MSVOA_X
 ClientSampled :
 1875

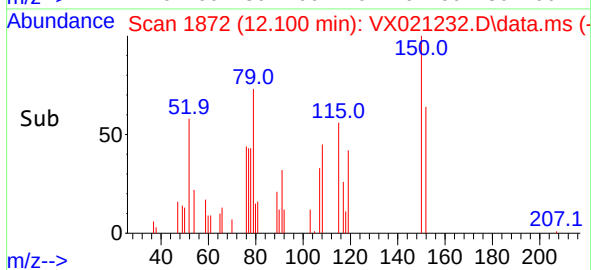
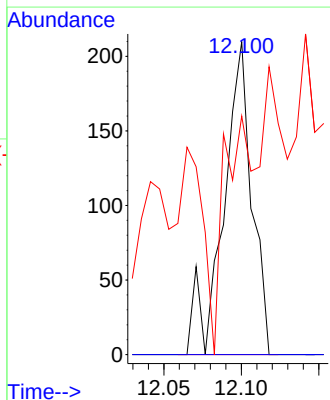
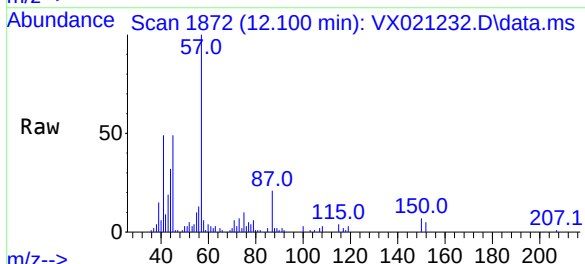
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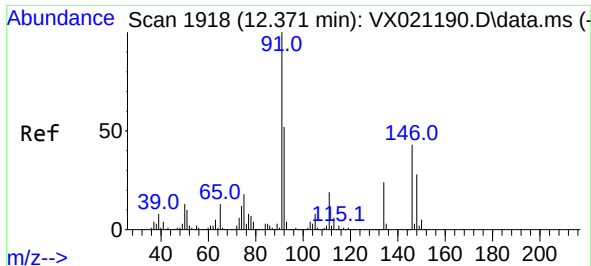
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#86
 p-Isopropyltoluene
 Concen: 0.43 ug/l
 RT: 12.100 min Scan# 1872
 Delta R.T. 0.053 min
 Lab File: VX021232.D
 Acq: 16 Mar 2021 04:38

Tgt Ion:119 Resp: 267
 Ion Ratio Lower Upper
 119 100
 134 0.0 12.9 38.7#
 91 72.3 11.7 35.0#





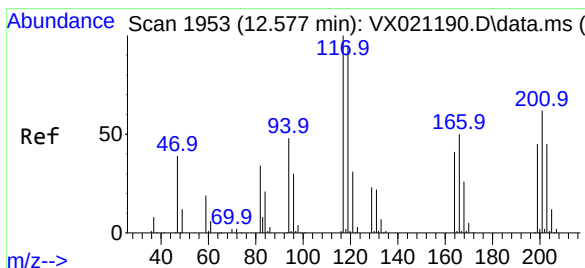
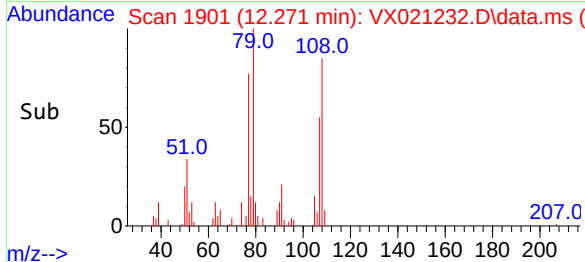
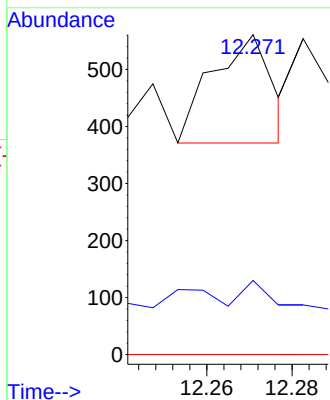
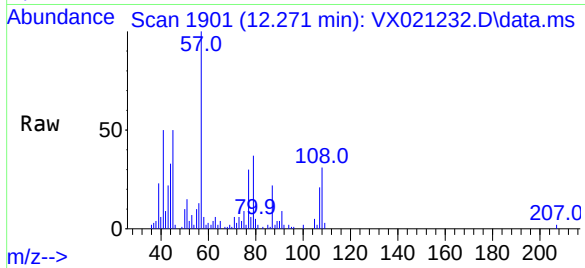
#89
n-Butylbenzene
Concen: 0.32 ug/l
RT: 12.271 min Scan# 1901
Delta R.T. -0.100 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion:	91	Resp:	185
Ion	Ratio	Lower	Upper
91	100		
92	0.0	27.4	82.0#
134	0.0	13.2	39.5#

Instrument :
MSVOA_X
ClientSampled :
1875

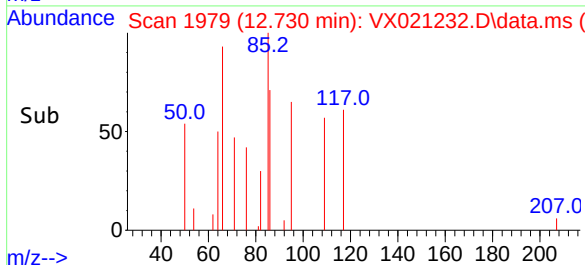
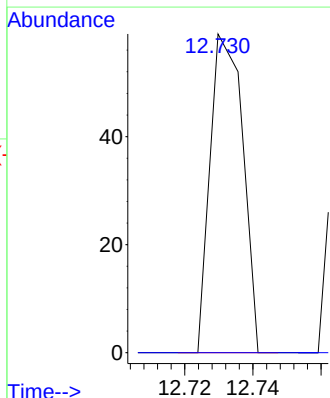
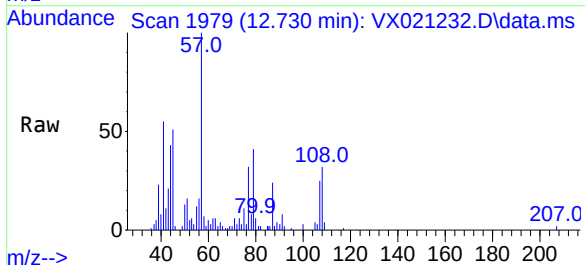
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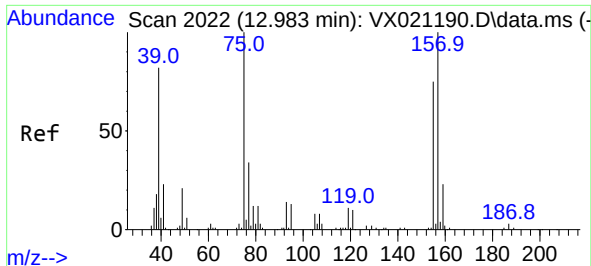
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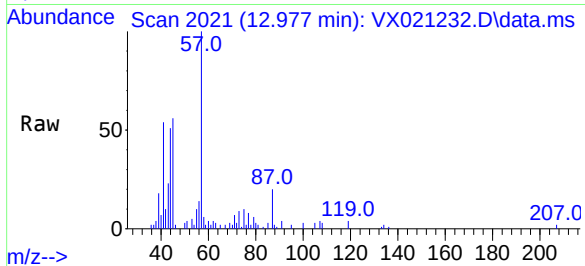
#90
Hexachloroethane
Concen: 0.34 ug/l
RT: 12.730 min Scan# 1979
Delta R.T. 0.153 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38

Tgt Ion:	117	Resp:	39
Ion	Ratio	Lower	Upper
117	100		
201	0.0	40.4	121.2#

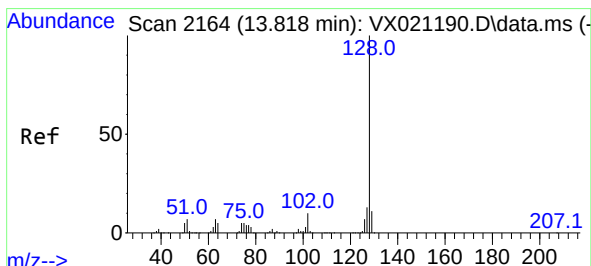
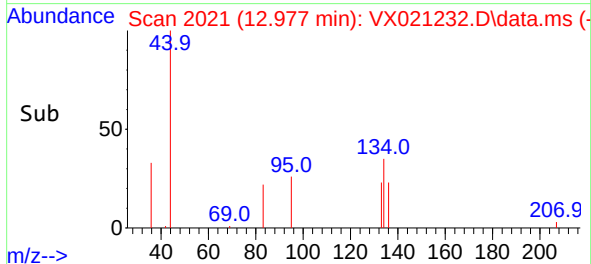
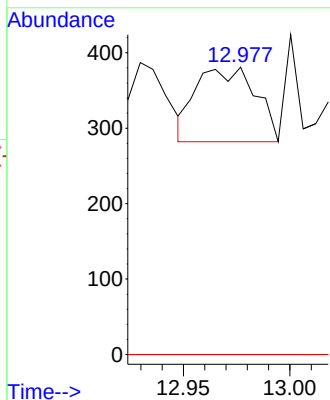




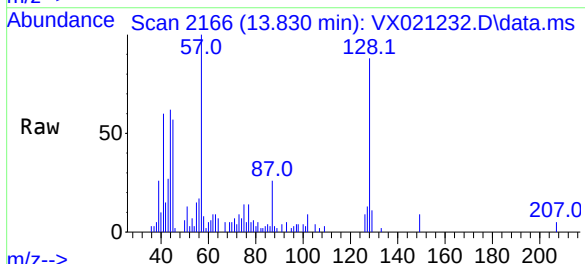
#92
1,2-Dibromo-3-Chloropropane
Concen: 3.25 ug/l
RT: 12.977 min Scan# 2021
Delta R.T. -0.006 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38



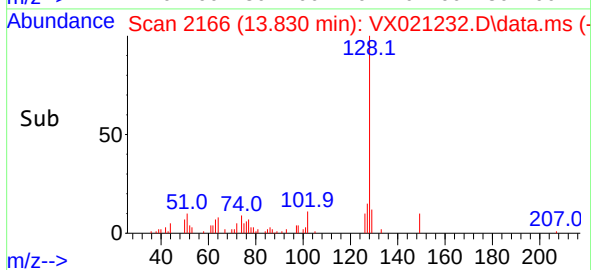
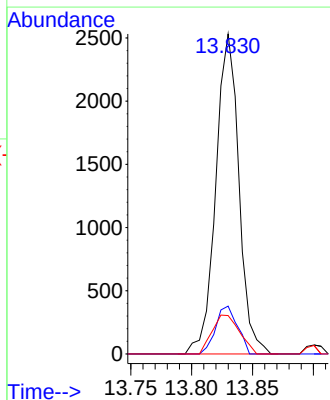
Tgt Ion: 75 Resp: 191
Ion Ratio Lower Upper
75 100
155 0.0 45.3 135.9#
157 0.0 57.7 173.1#



#95
Naphthalene
Concen: 6.12 ug/l
RT: 13.830 min Scan# 2166
Delta R.T. 0.012 min
Lab File: VX021232.D
Acq: 16 Mar 2021 04:38



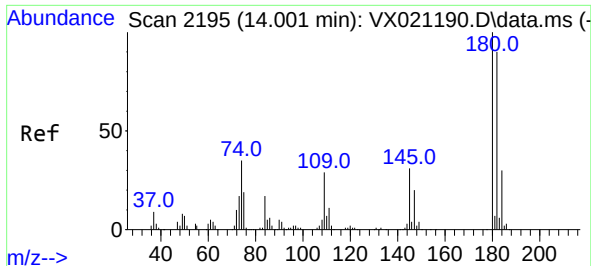
Tgt Ion: 128 Resp: 3347
Ion Ratio Lower Upper
128 100
127 14.1 10.3 15.5
129 14.3 8.8 13.2#



Instrument :
MSVOA_X
ClientSampled :
1875

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#96
 1,2,3-Trichlorobenzene
 Concen: 1.02 ug/l
 RT: 14.265 min Scan# 2240
 Delta R.T. 0.264 min
 Lab File: VX021232.D
 Acq: 16 Mar 2021 04:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.6	142.9#
145	0.0	16.1	48.3#

Instrument :
 MSVOA_X
 ClientSampled :
 1875

Manual Integrations
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