

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082221\
 Data File : VX023898.D
 Acq On : 20 Aug 2021 23:26
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
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 8/23/2021 11:32:39 AM

Quant Time: Aug 21 01:11:55 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	32249	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	176633	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	159452	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	76352	30.615	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.033%	
60) 4-Bromofluorobenzene	11.085	95	79491	30.436	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 101.467%	
63) Toluene-d8	8.653	98	216713	30.199	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.667%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	37582	19.731	ug/l	99
3) Chloromethane	1.294	50	38534	17.931	ug/l	99
4) Vinyl Chloride	1.374	62	40186	18.696	ug/l	97
5) Bromomethane	1.605	94	29286	23.220	ug/l	98
6) Chloroethane	1.685	64	25557	18.990	ug/l	99
7) Trichlorofluoromethane	1.886	101	67168	19.349	ug/l	94
8) Diethyl Ether	2.142	74	23249	18.783	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	37178	19.172	ug/l	99
10) 1,1-Dichloroethene	2.319	96	35308	18.898	ug/l	98
11) Methyl Iodide	2.453	142	52191	19.881	ug/l	95
12) Methyl Acetate	2.715	43	57703	20.708	ug/l	98
13) Acrolein	2.239	56	24290	79.175	ug/l	99
14) Acrylonitrile	3.075	53	121473	98.541	ug/l	99
15) Acetone	2.386	58	32577	87.202	ug/l	98
16) Carbon Disulfide	2.514	76	88325	19.163	ug/l	100
17) Allyl chloride	2.666	41	64506	18.684	ug/l	98
18) Methylene Chloride	2.794	84	42400	19.296	ug/l	97
19) trans-1,2-Dichloroethene	3.099	96	38783	19.395	ug/l	97
20) Diisopropyl ether	3.776	45	135180	19.608	ug/l	92
21) 1,1-Dichloroethane	3.617	63	75557	20.121	ug/l	98
22) cis-1,2-Dichloroethene	4.495	96	46096	19.808	ug/l	99
23) tert-Butyl Alcohol	2.977	59	52415	93.704	ug/l	# 100
24) Methyl tert-Butyl Ether	3.123	73	133873	20.427	ug/l	99
25) Chloroform	5.105	83	78024	20.256	ug/l	100
26) Cyclohexane	5.483	56	65247	19.138	ug/l	# 100
29) 1,1-Dichloropropene	5.702	75	55549	20.192	ug/l	99
30) 2-Butanone	4.574	43	178247	96.662	ug/l	99
31) 2,2-Dichloropropane	4.483	77	49846	16.028	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	67720	20.348	ug/l	98
33) Carbon Tetrachloride	5.684	117	57695	19.932	ug/l	97
34) Benzene	6.050	78	161802	19.508	ug/l	98
35) Methacrylonitrile	4.928	41	36771	19.832	ug/l	95
36) 1,2-Dichloroethane	6.098	62	65516	20.672	ug/l	100
37) Trichloroethene	7.135	130	45308	20.106	ug/l	98
38) Methylcyclohexane	7.385	83	64133	18.327	ug/l	97
39) 1,2-Dichloropropane	7.440	63	42913	19.772	ug/l	98
40) Dibromomethane	7.586	93	31060	20.174	ug/l	96
41) Bromodichloromethane	7.830	83	55889	20.002	ug/l	99
42) Vinyl Acetate	3.733	43	599976	99.887	ug/l	99

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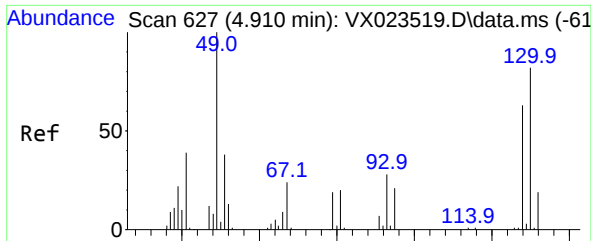
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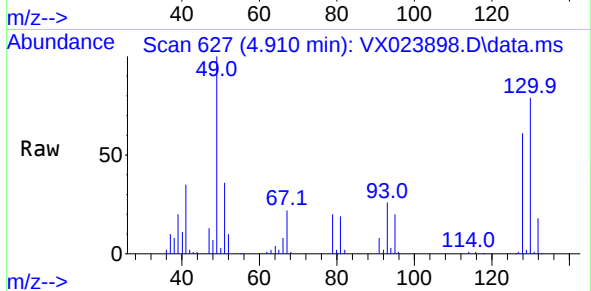
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.733	43	70143m	20.506	ug/l	
44) Isopropyl Acetate	6.348	43	109392	20.088	ug/l	98
45) 1,4-Dioxane	7.665	88	21648	383.088	ug/l	96
46) Methyl methacrylate	7.702	41	53132	20.230	ug/l	96
47) n-amyl Acetate	10.848	43	92112	19.881	ug/l	99
48) t-1,3-Dichloropropene	8.982	75	61199	18.759	ug/l	98
49) cis-1,3-Dichloropropene	8.372	75	63407	18.327	ug/l	99
50) 1,1,2-Trichloroethane	9.159	97	42847	19.269	ug/l	94
51) Ethyl methacrylate	9.122	69	67372	19.217	ug/l	97
52) 1,3-Dichloropropane	9.311	76	73132	20.035	ug/l	100
53) Dibromochloromethane	9.525	129	43104	19.288	ug/l	97
54) 1,2-Dibromoethane	9.616	107	46513	19.767	ug/l	98
55) 2-Chloroethyl vinyl ether	8.244	63	162402	92.752	ug/l	99
56) Bromoform	10.805	173	30005	18.712	ug/l	100
58) 4-Methyl-2-Pentanone	8.580	43	354333	103.077	ug/l	99
59) 2-Hexanone	9.433	43	281413	105.422	ug/l	98
61) Tetrachloroethene	9.275	164	43934	20.507	ug/l	99
62) Toluene	8.726	91	181318	20.157	ug/l	99
64) Chlorobenzene	10.079	112	113774	19.990	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.165	131	42135	19.996	ug/l	99
66) Ethyl Benzene	10.195	91	198729	19.963	ug/l	99
67) m/p-Xylenes	10.305	106	153991	39.999	ug/l	98
68) o-Xylene	10.646	106	76229	20.084	ug/l	98
69) Styrene	10.659	104	125530	20.069	ug/l	99
70) Isopropylbenzene	10.963	105	202573	20.299	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	69749	21.848	ug/l	98
72) 1,2,3-Trichloropropane	11.244	75	63386m	21.124	ug/l	
73) Bromobenzene	11.201	156	49655	20.438	ug/l	96
74) n-propylbenzene	11.305	91	232017	20.078	ug/l	99
75) 2-Chlorotoluene	11.366	91	140709	20.399	ug/l	99
76) 1,3,5-Trimethylbenzene	11.457	105	169566	20.489	ug/l	98
77) t-1,4-Dichloro-2-butene	11.024	75	18509	17.279	ug/l	99
78) 4-Chlorotoluene	11.457	91	159858	20.510	ug/l	100
79) tert-butylbenzene	11.719	119	166095	20.660	ug/l	99
80) 1,2,4-Trimethylbenzene	11.756	105	165850	20.222	ug/l	100
81) sec-Butylbenzene	11.896	105	207705	20.171	ug/l	100
82) p-Isopropyltoluene	12.012	119	170611	20.165	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	90969	20.672	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	93234	21.435	ug/l	98
85) n-Butylbenzene	12.335	91	148236	19.805	ug/l	99
86) Hexachloroethane	12.542	117	26070	18.959	ug/l	98
87) 1,2-Dichlorobenzene	12.341	146	91164	21.468	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	15511	22.122	ug/l	92
89) 1,2,4-Trichlorobenzene	13.591	180	55963	21.304	ug/l	98
90) Hexachlorobutadiene	13.725	225	24437	20.739	ug/l	99
91) Naphthalene	13.780	128	191075	21.178	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	54296	20.573	ug/l	97

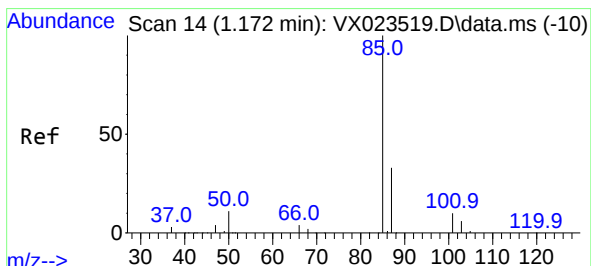
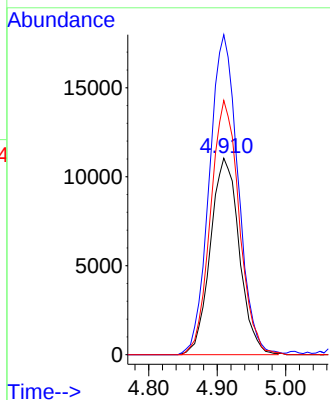
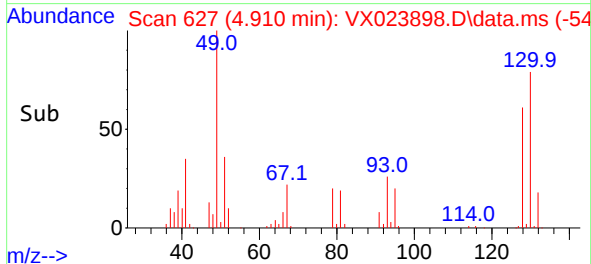
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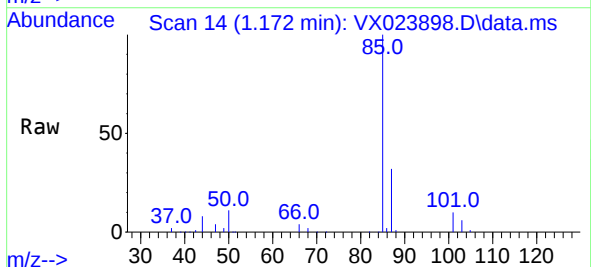
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Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 627
Delta R.T. -0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26



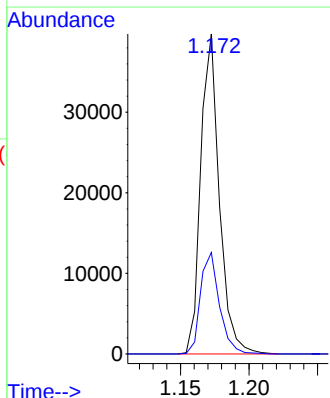
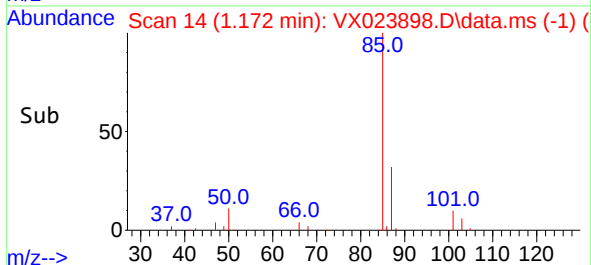
Tgt Ion:128 Resp: 32249
Ion Ratio Lower Upper
128 100
49 162.4 0.0 402.5
130 128.6 0.0 326.5



#2
Dichlorodifluoromethane
Concen: 19.731 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26



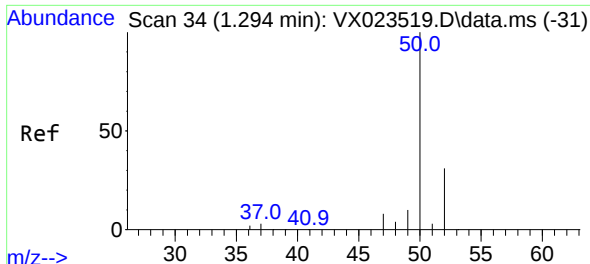
Tgt Ion: 85 Resp: 37582
Ion Ratio Lower Upper
85 100
87 31.7 15.6 46.8



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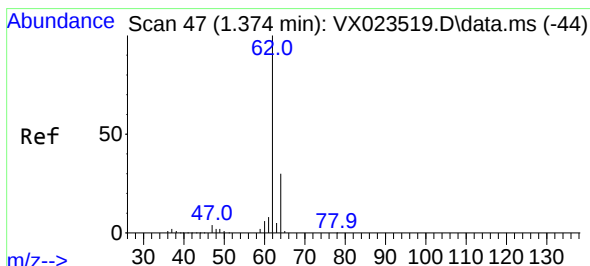
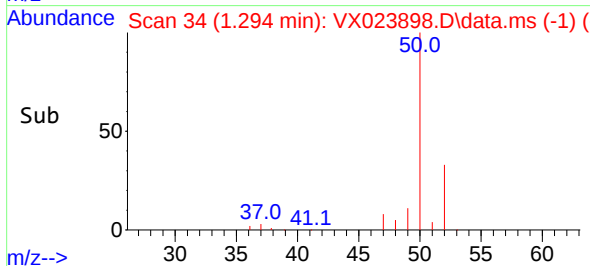
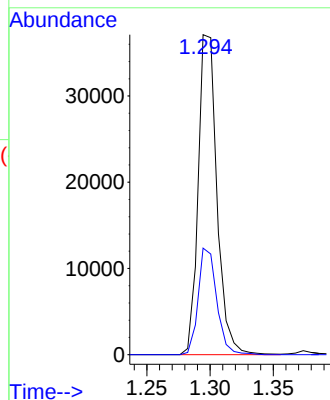
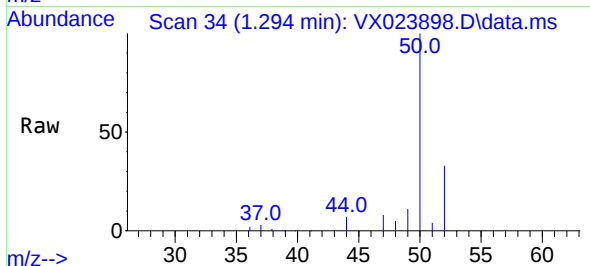
#3
Chloromethane
Concen: 17.931 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 50 Resp: 38534
Ion Ratio Lower Upper
50 100
52 33.3 26.9 40.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

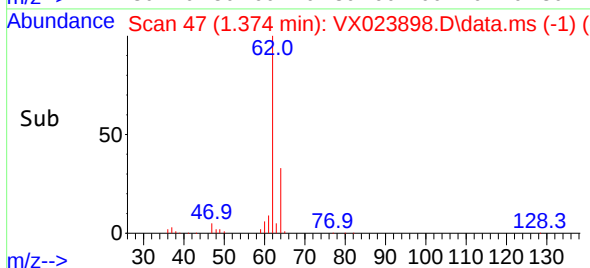
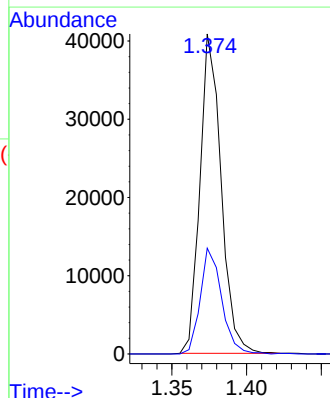
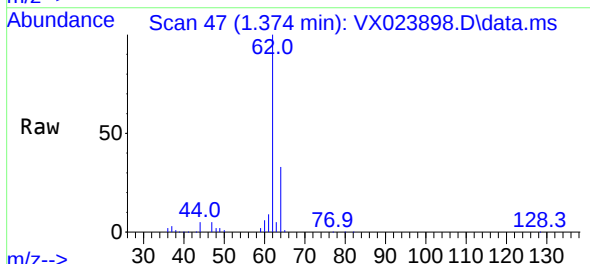
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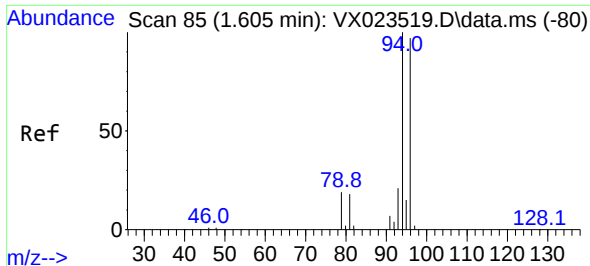
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#4
Vinyl Chloride
Concen: 18.696 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 62 Resp: 40186
Ion Ratio Lower Upper
62 100
64 33.1 25.0 37.4





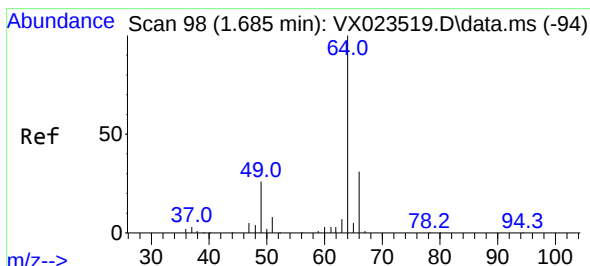
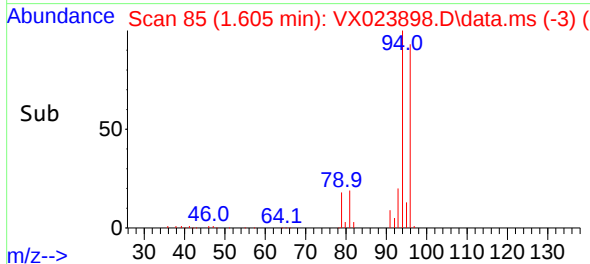
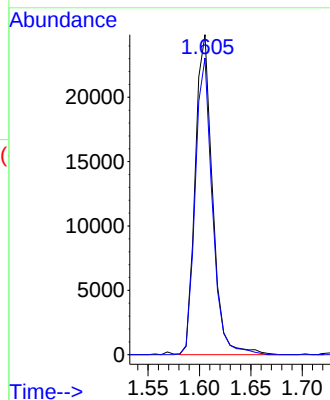
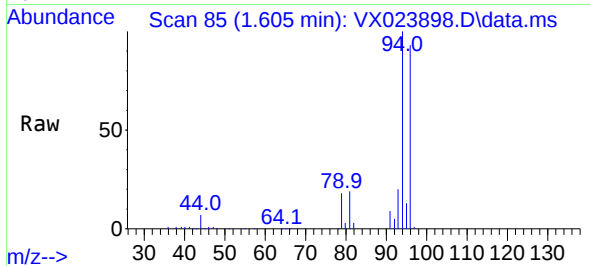
#5
Bromomethane
Concen: 23.220 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 94 Resp: 29286
Ion Ratio Lower Upper
94 100
96 92.7 72.8 109.2

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ClientSampleId :
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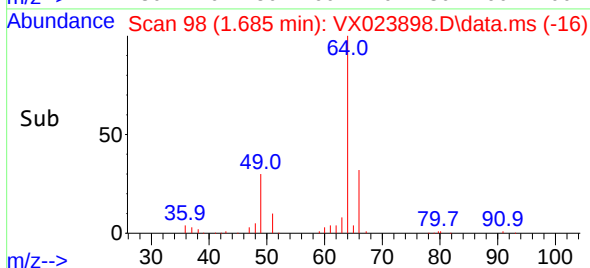
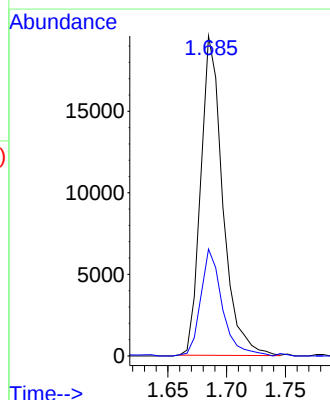
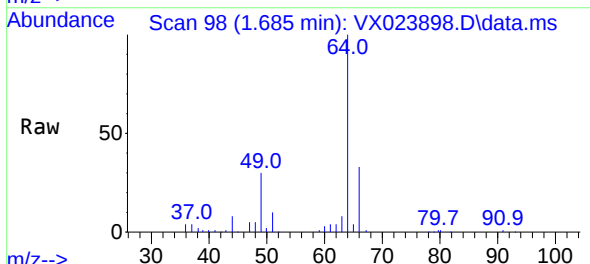
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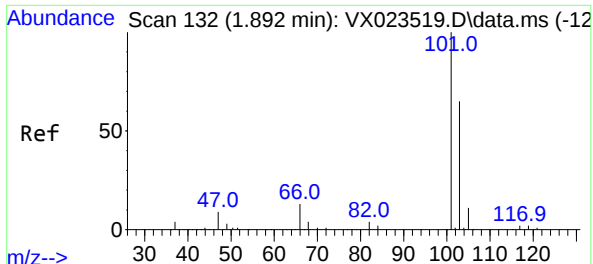
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#6
Chloroethane
Concen: 18.990 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 64 Resp: 25557
Ion Ratio Lower Upper
64 100
66 33.1 26.8 40.2





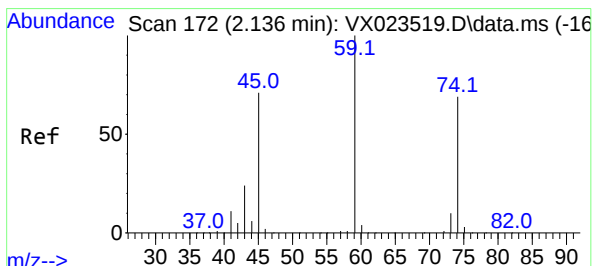
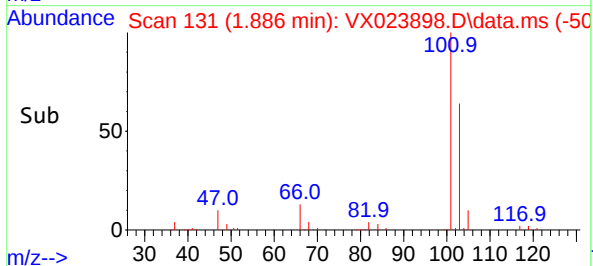
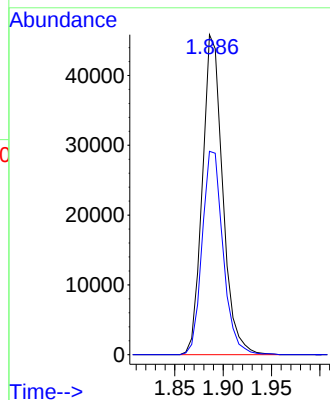
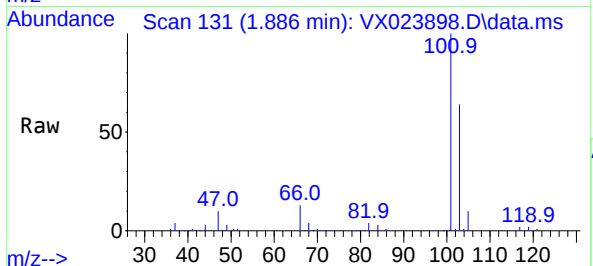
#7
Trichlorofluoromethane
Concen: 19.349 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX023898.D
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Tgt Ion:101 Resp: 67168
Ion Ratio Lower Upper
101 100
103 63.6 55.0 82.6

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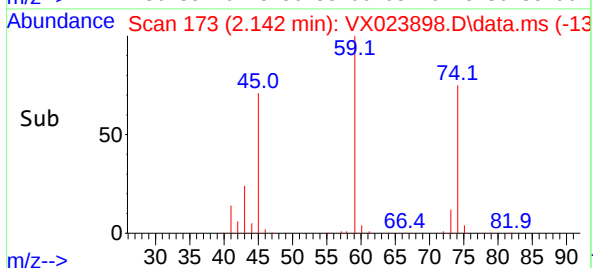
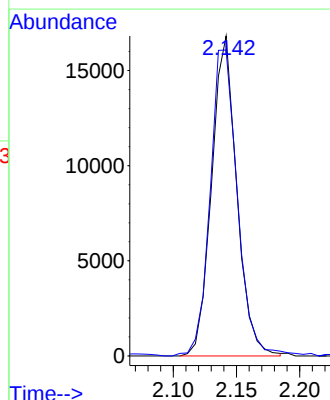
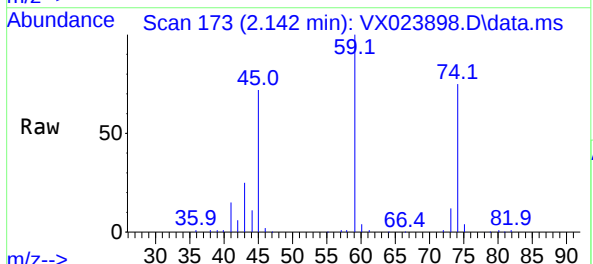
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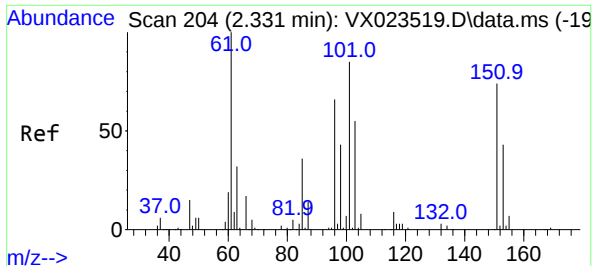
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#8
Diethyl Ether
Concen: 18.783 ug/l
RT: 2.142 min Scan# 173
Delta R.T. 0.006 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 74 Resp: 23249
Ion Ratio Lower Upper
74 100
45 103.0 19.9 179.1





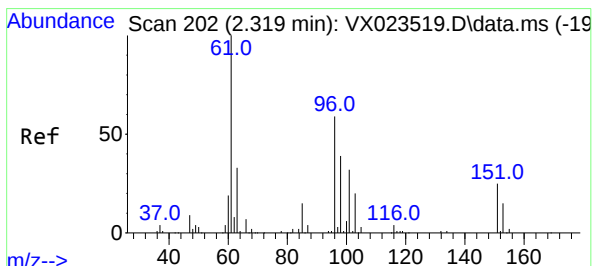
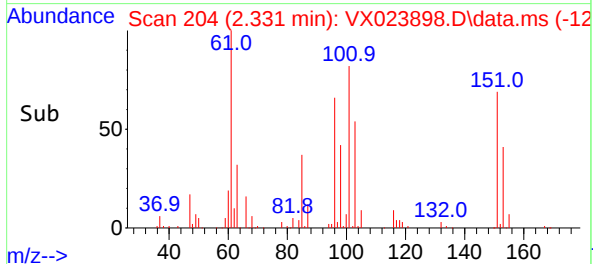
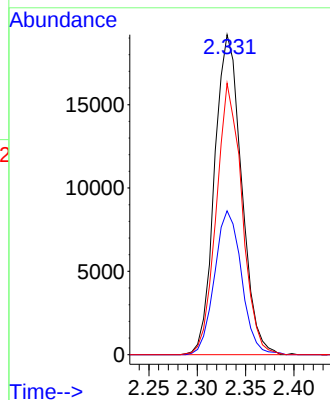
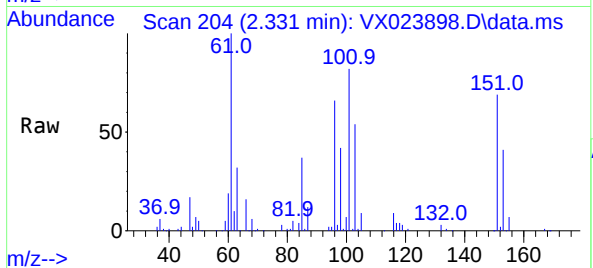
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.172 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX023898.D
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Tgt Ion: 101 Resp: 37178
Ion Ratio Lower Upper
101 100
85 45.0 0.0 91.4
151 81.0 0.0 160.0

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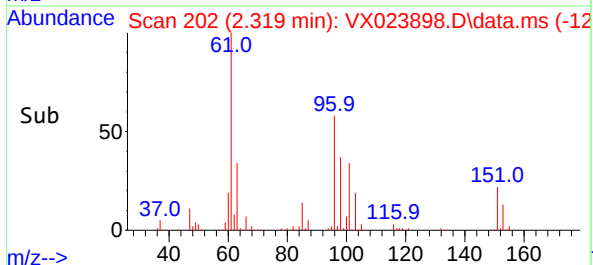
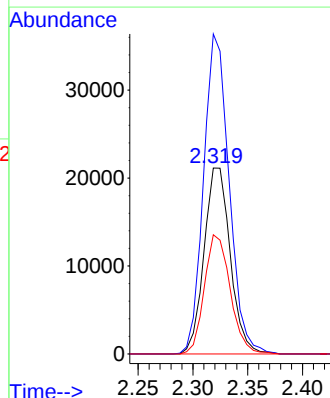
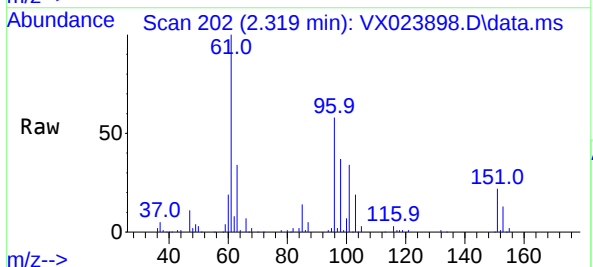
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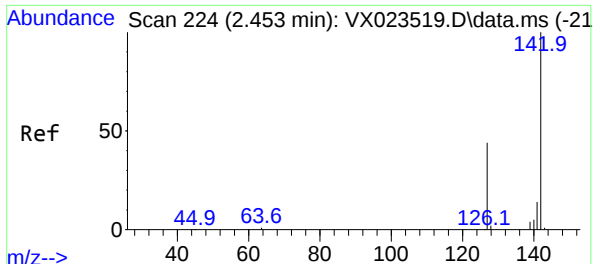
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8/23/2021 11:32:39 AM



#10
1,1-Dichloroethene
Concen: 18.898 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

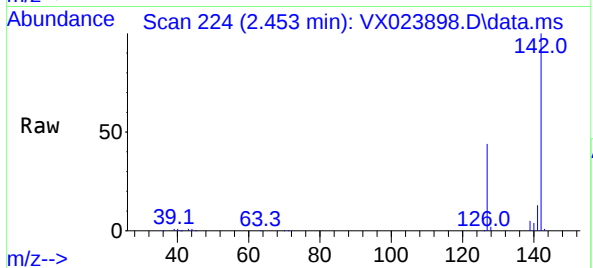
Tgt Ion: 96 Resp: 35308
Ion Ratio Lower Upper
96 100
61 172.1 140.3 210.5
98 64.1 52.8 79.2





#11
Methyl Iodide
Concen: 19.881 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

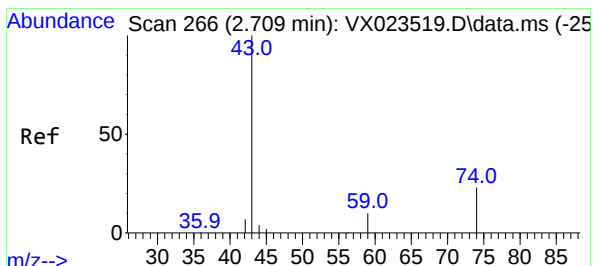
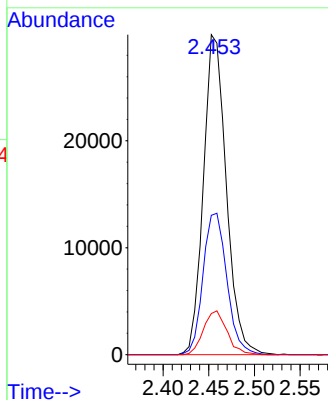
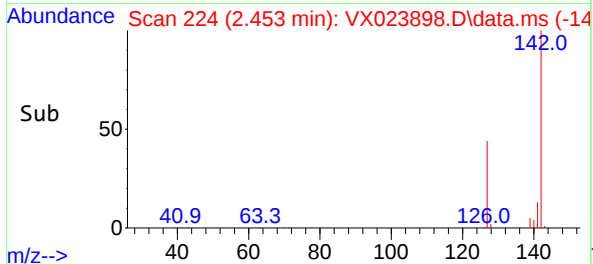
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



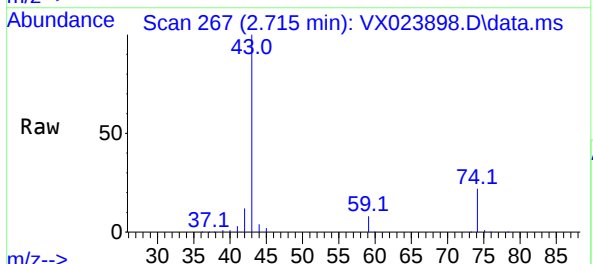
Tgt Ion:142 Resp: 52191
Ion Ratio Lower Upper
142 100
127 43.6 23.6 71.0
141 12.9 7.1 21.3

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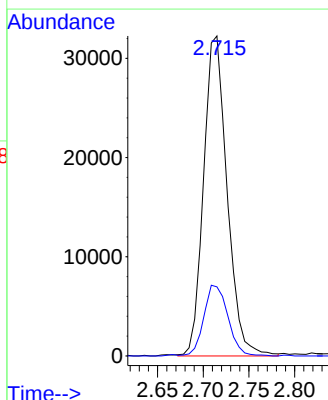
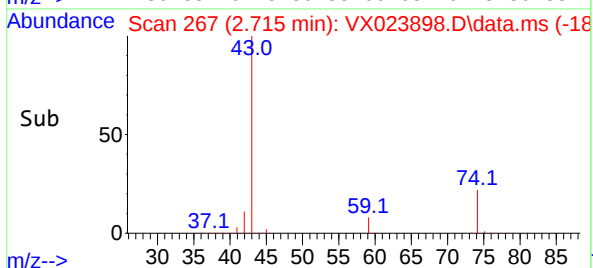
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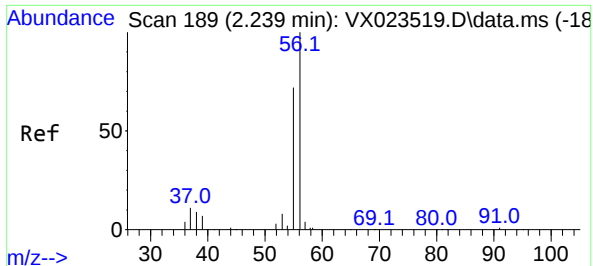


#12
Methyl Acetate
Concen: 20.708 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26



Tgt Ion: 43 Resp: 57703
Ion Ratio Lower Upper
43 100
74 21.6 18.2 27.2





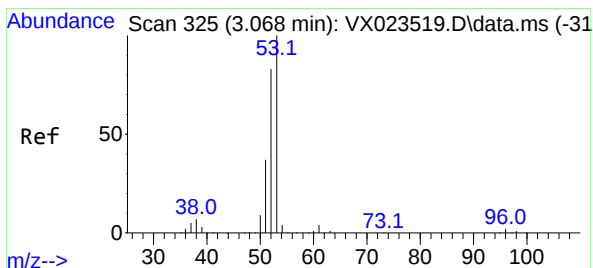
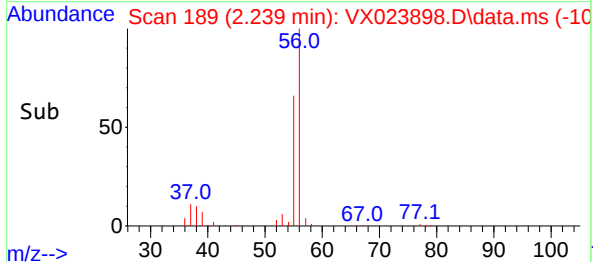
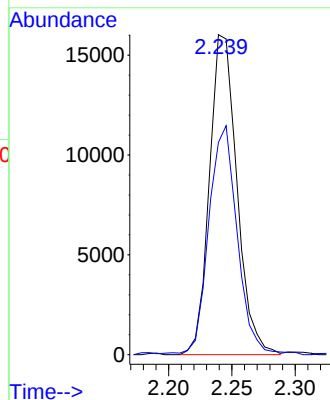
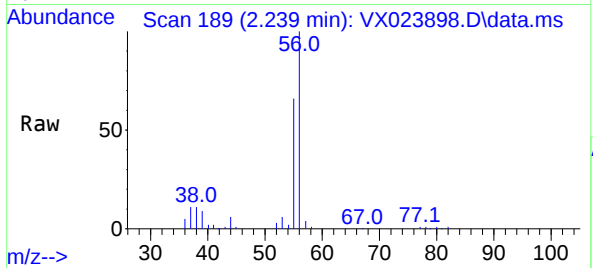
#13
Acrolein
Concen: 79.175 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 56 Resp: 24290
Ion Ratio Lower Upper
56 100
55 73.6 59.5 89.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

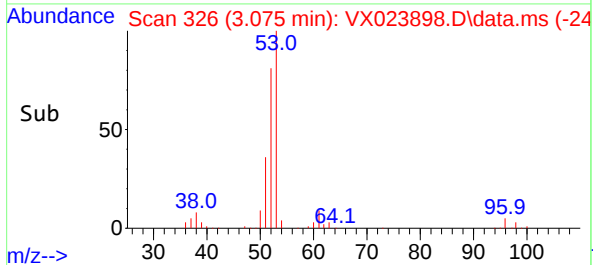
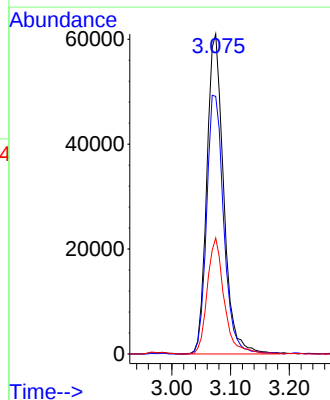
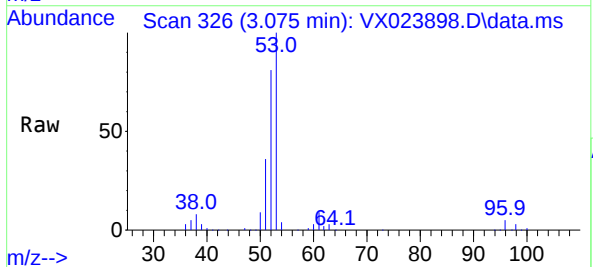
Manual Integrations
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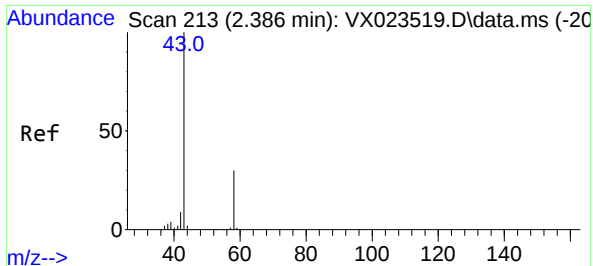
MMDadoda
8/23/2021 11:32:39 AM



#14
Acrylonitrile
Concen: 98.541 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.006 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 53 Resp: 121473
Ion Ratio Lower Upper
53 100
52 82.1 40.4 121.2
51 36.3 18.1 54.1





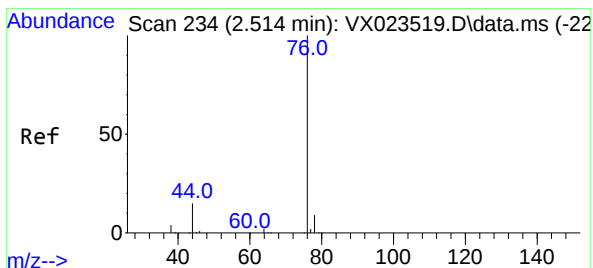
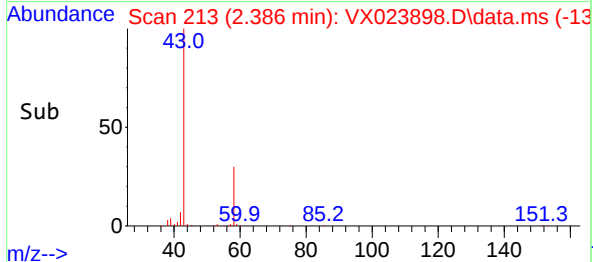
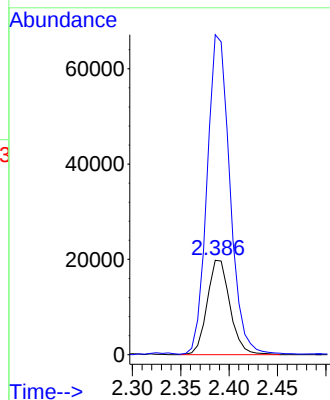
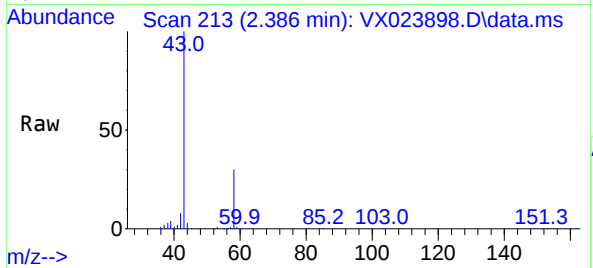
#15
Acetone
Concen: 87.202 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 58 Resp: 32577
Ion Ratio Lower Upper
58 100
43 338.2 266.6 400.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

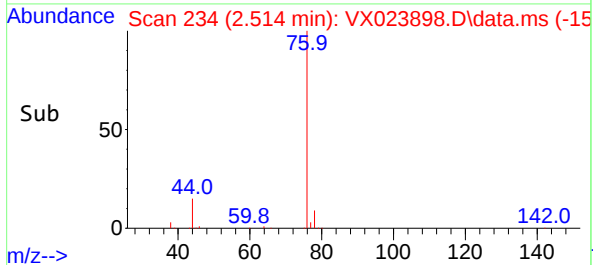
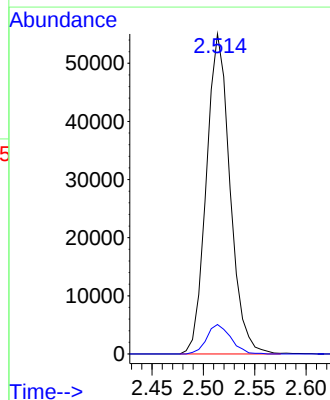
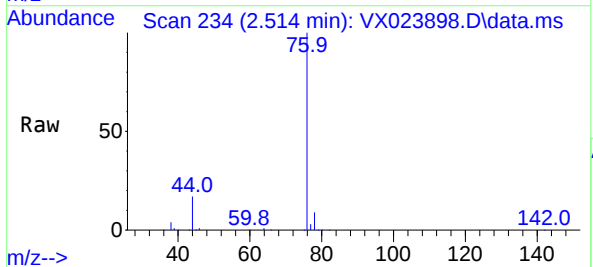
Manual Integrations
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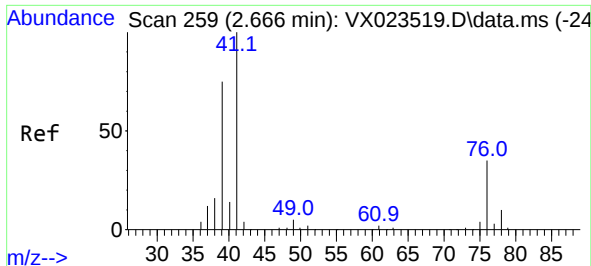
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#16
Carbon Disulfide
Concen: 19.163 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

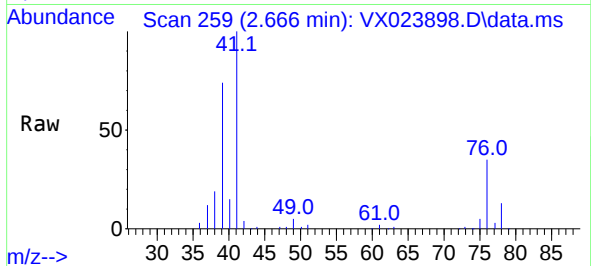
Tgt Ion: 76 Resp: 88325
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9





#17
Allyl chloride
Concen: 18.684 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

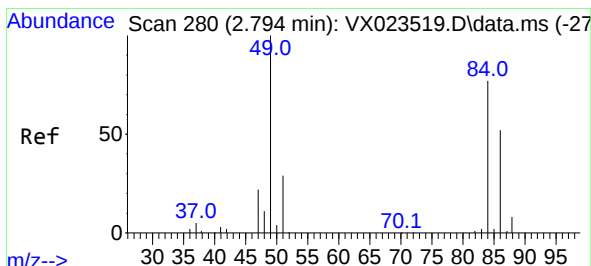
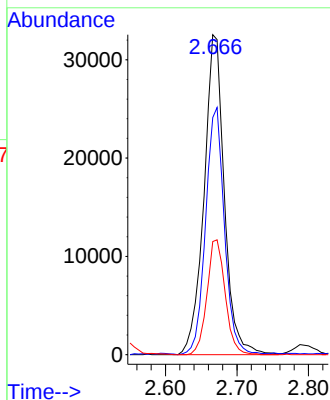
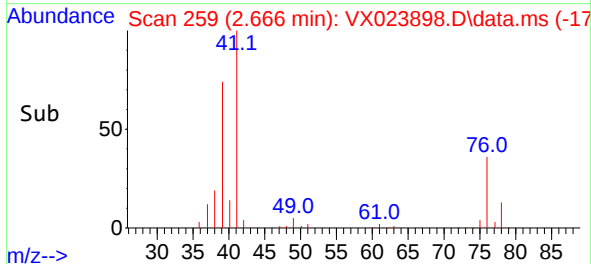
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



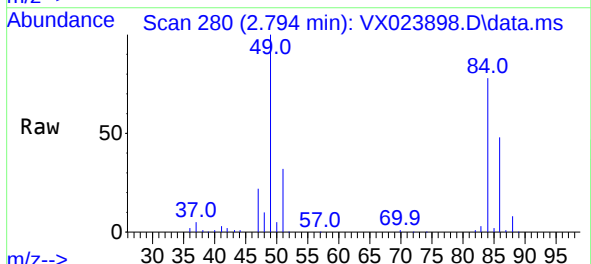
Tgt Ion:	41	Resp:	64506
Ion	Ratio	Lower	Upper
41	100		
39	74.1	36.4	109.3
76	35.3	16.6	49.7

Manual Integrations
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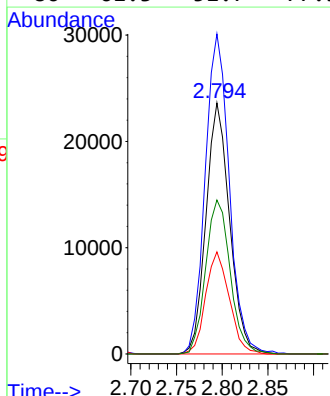
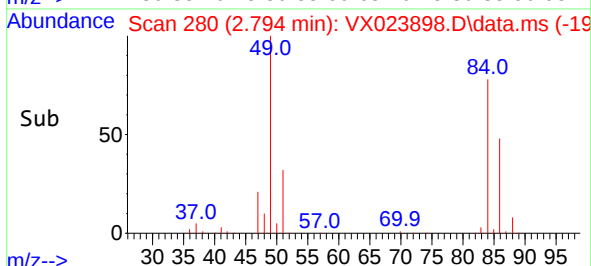
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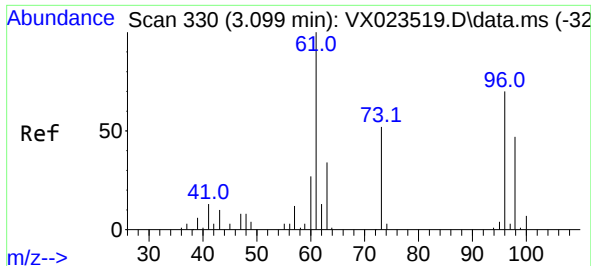


#18
Methylene Chloride
Concen: 19.296 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

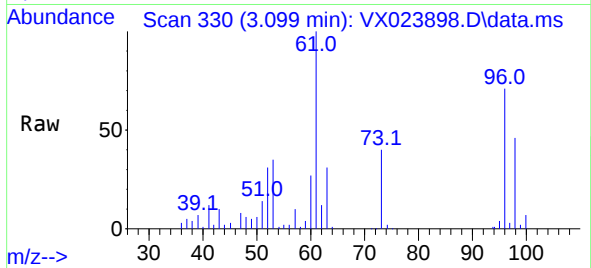


Tgt Ion:	84	Resp:	42400
Ion	Ratio	Lower	Upper
84	100		
49	127.5	104.3	156.5
51	40.7	30.3	45.5
86	61.3	51.7	77.5

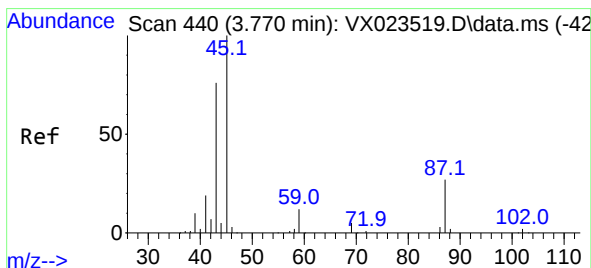
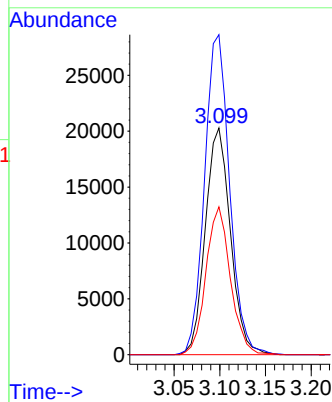
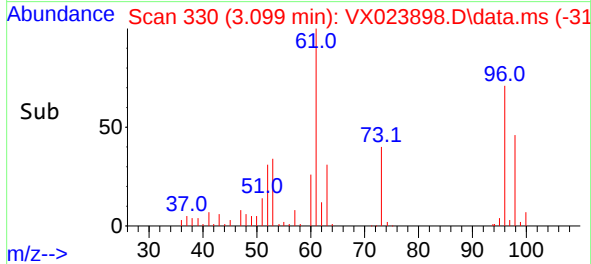




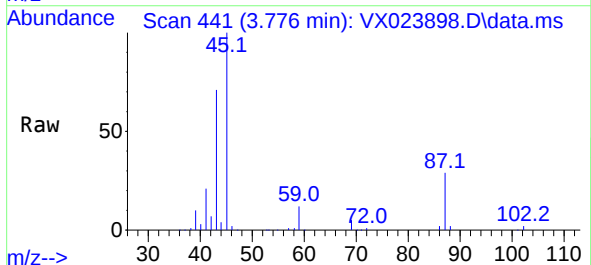
#19
trans-1,2-Dichloroethene
Concen: 19.395 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26



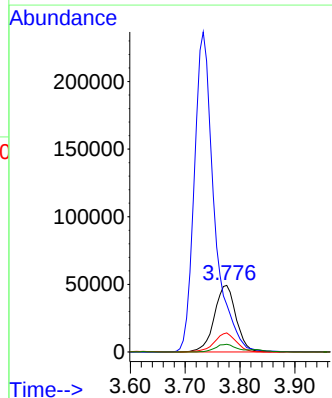
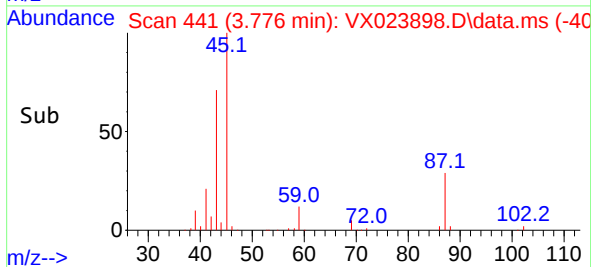
Tgt Ion: 96 Resp: 38783
Ion Ratio Lower Upper
96 100
61 140.8 109.2 163.8
98 65.2 50.8 76.2



#20
Diisopropyl ether
Concen: 19.608 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.006 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26



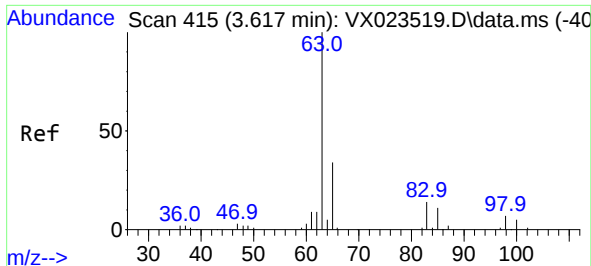
Tgt Ion: 45 Resp: 135180
Ion Ratio Lower Upper
45 100
43 70.5 63.8 95.6
87 28.6 21.8 32.6
59 11.6 9.4 14.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Manual Integrations
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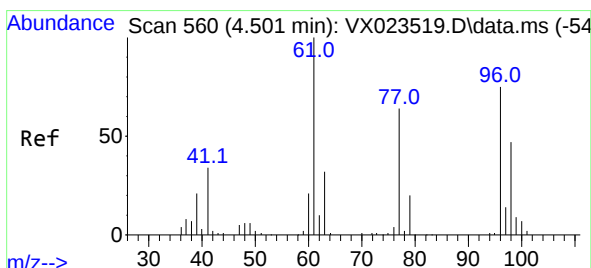
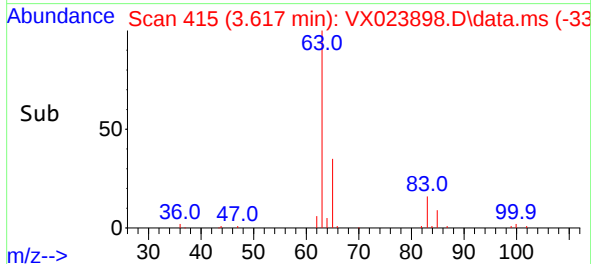
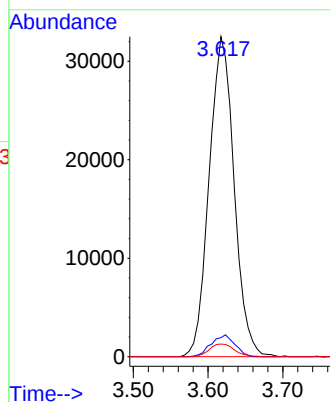
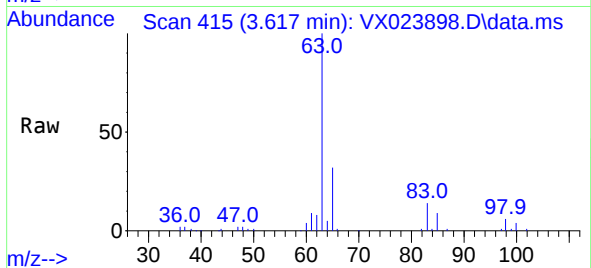
#21
1,1-Dichloroethane
Concen: 20.121 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 63 Resp: 75557
Ion Ratio Lower Upper
63 100
98 6.0 3.4 10.1
100 3.9 2.1 6.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

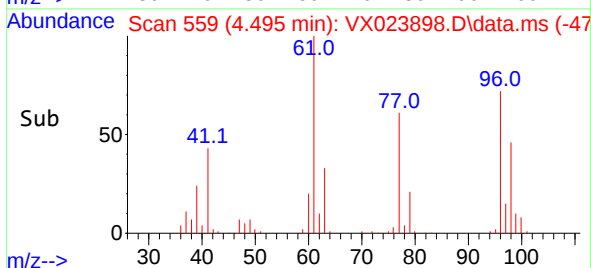
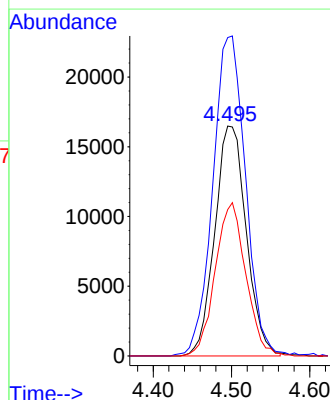
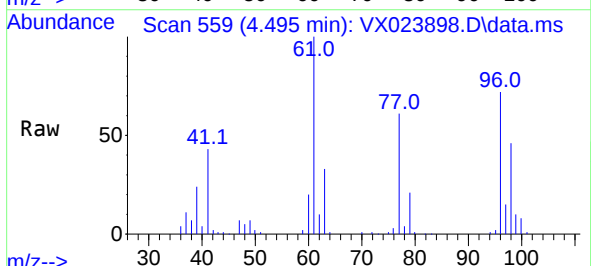
Manual Integrations
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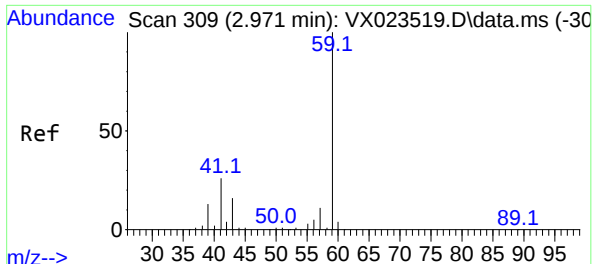
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#22
cis-1,2-Dichloroethene
Concen: 19.808 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.006 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 96 Resp: 46096
Ion Ratio Lower Upper
96 100
61 144.4 114.5 171.7
98 64.7 51.3 76.9





#23

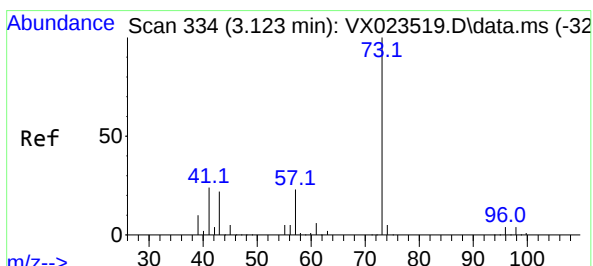
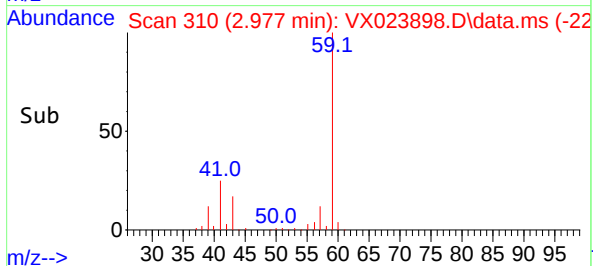
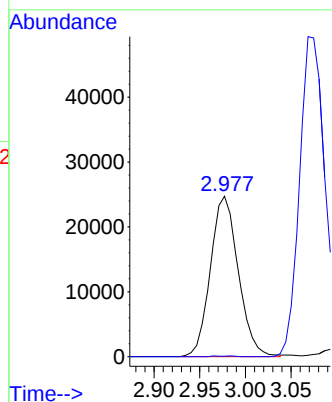
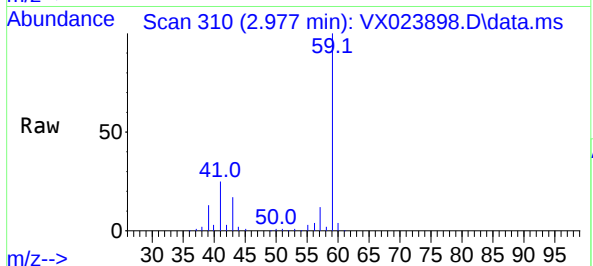
tert-Butyl Alcohol
Concen: 93.704 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.006 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 52415
Ion Ratio Lower Upper
59 100
52 0.2 0.1 0.1#

Manual Integrations
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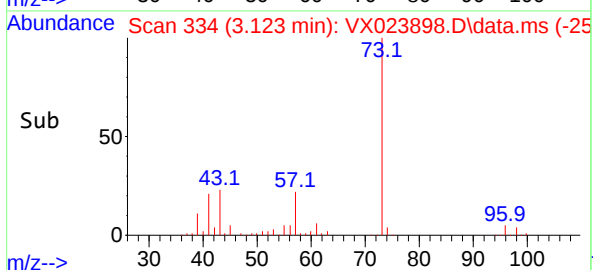
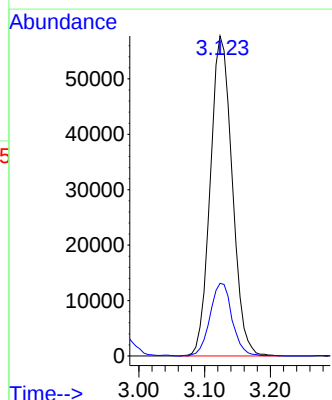
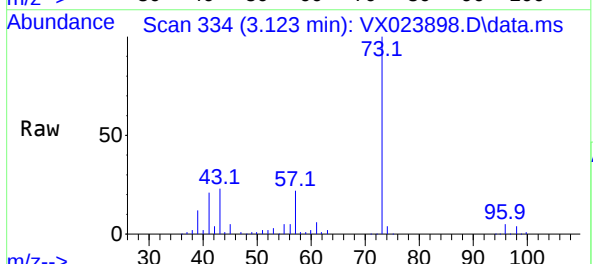
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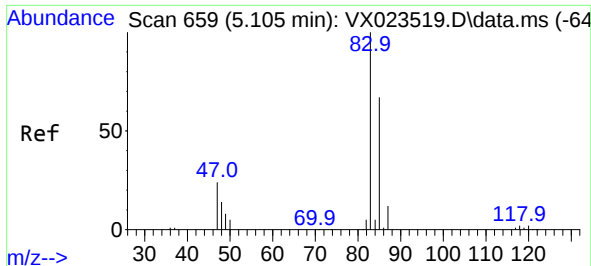


#24

Methyl tert-Butyl Ether
Concen: 20.427 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 73 Resp: 133873
Ion Ratio Lower Upper
73 100
43 22.9 17.9 26.9





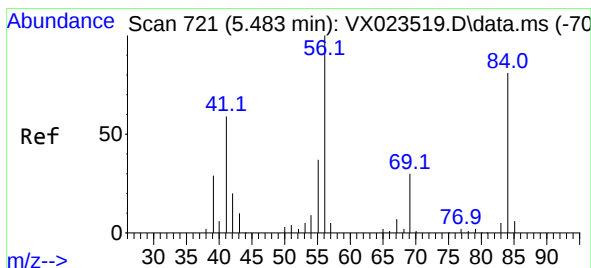
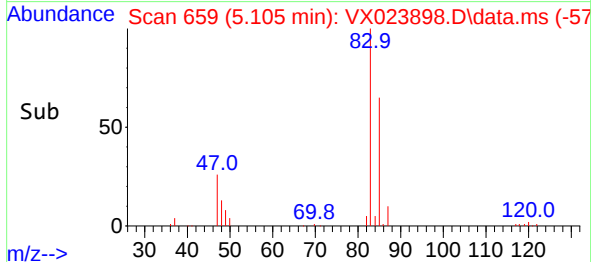
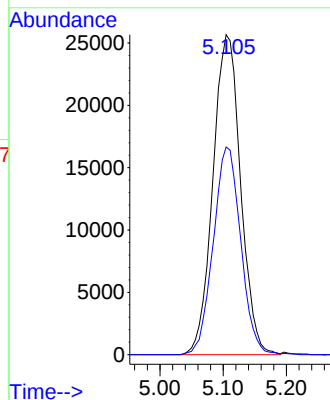
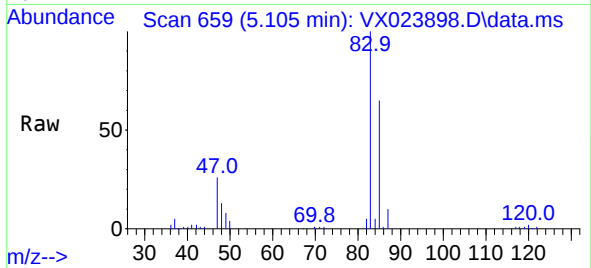
#25
Chloroform
Concen: 20.256 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 83 Resp: 78024
Ion Ratio Lower Upper
83 100
85 64.9 51.8 77.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

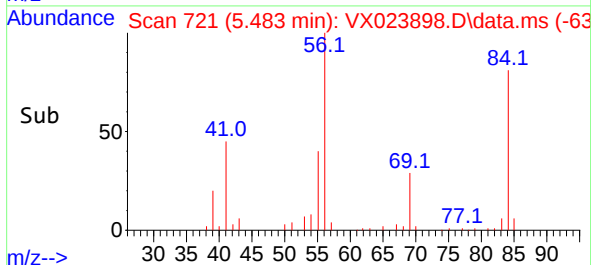
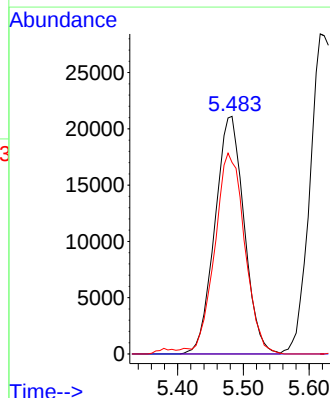
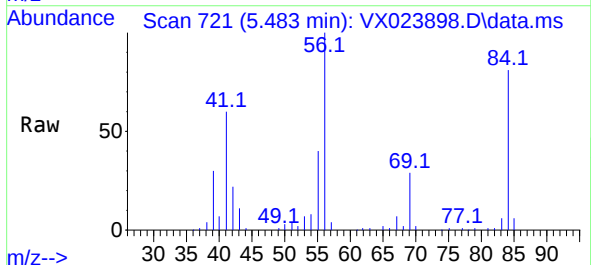
Manual Integrations
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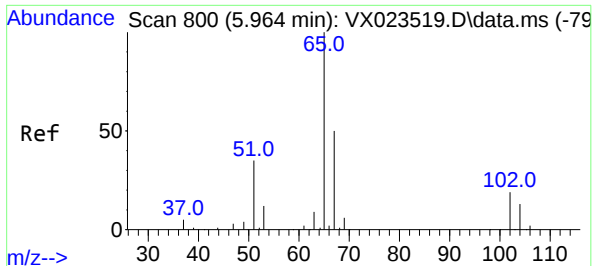
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#26
Cyclohexane
Concen: 19.138 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 56 Resp: 65247
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.3 69.0 103.6





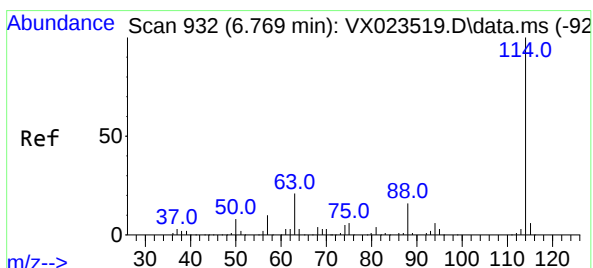
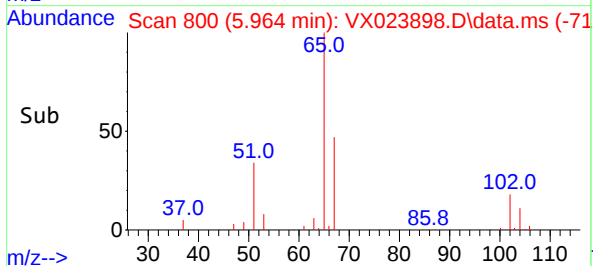
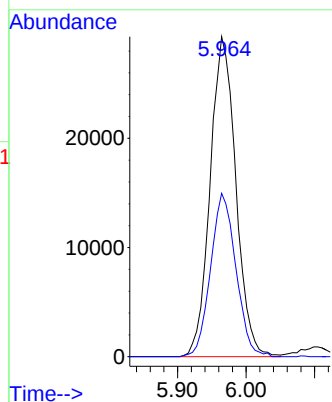
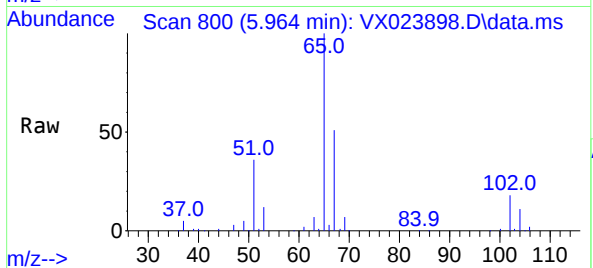
#27
1,2-Dichloroethane-d4
Concen: 30.615 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 65 Resp: 76352
Ion Ratio Lower Upper
65 100
67 50.2 42.4 63.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

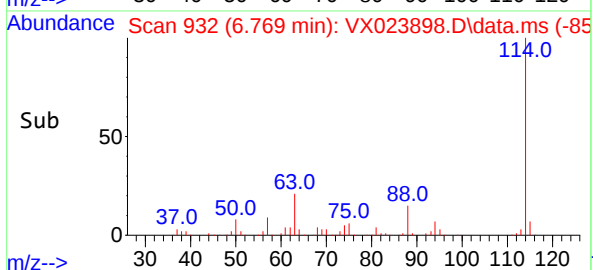
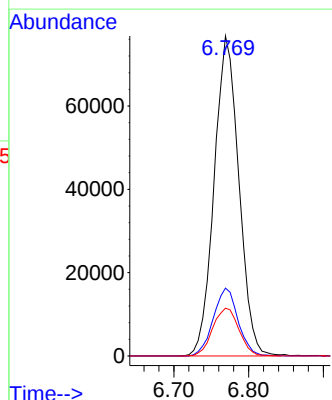
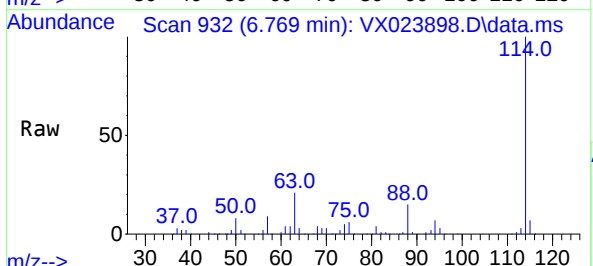
Manual Integrations
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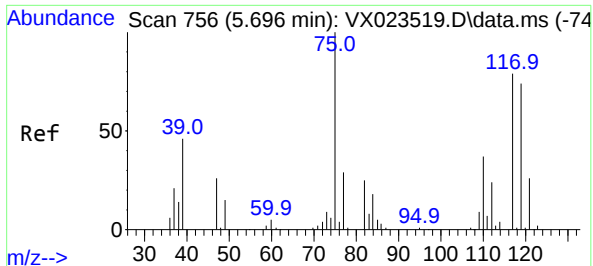
MMDadoda
8/23/2021 11:32:39 AM



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 114 Resp: 176633
Ion Ratio Lower Upper
114 100
63 21.2 16.4 24.6
88 15.8 12.7 19.1





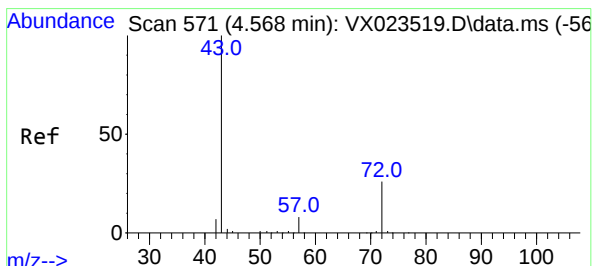
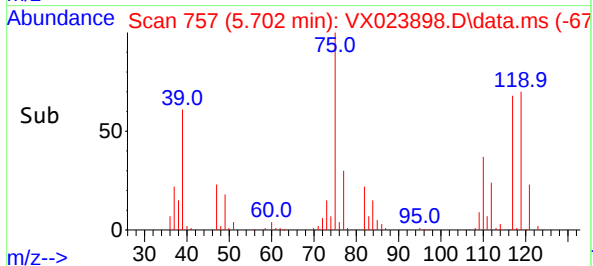
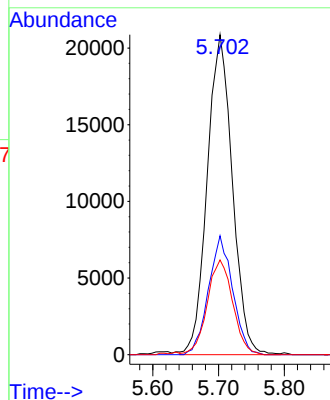
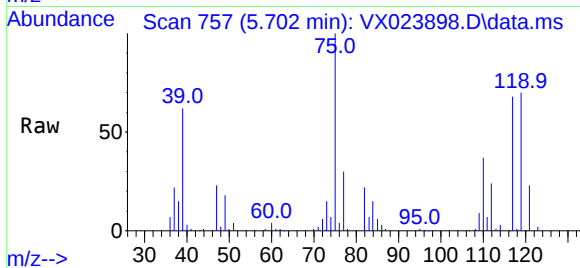
#29
1,1-Dichloropropene
Concen: 20.192 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.006 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion:	75	Resp:	55549
Ion	Ratio	Lower	Upper
75	100		
110	35.6	0.0	72.0
77	30.0	0.0	61.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

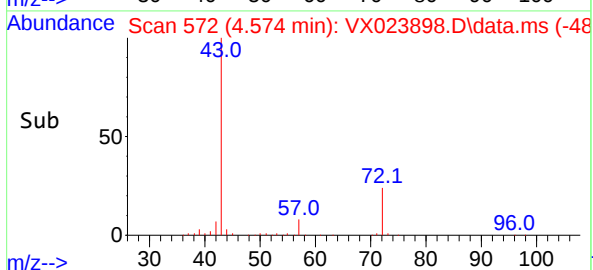
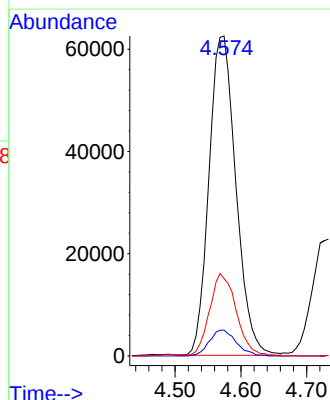
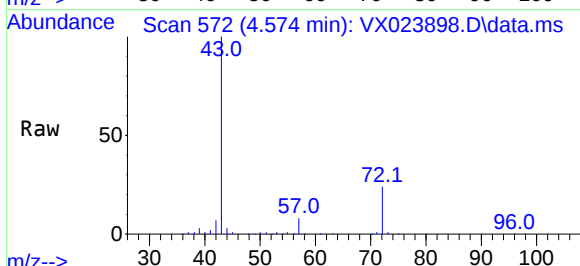
Manual Integrations
APPROVED

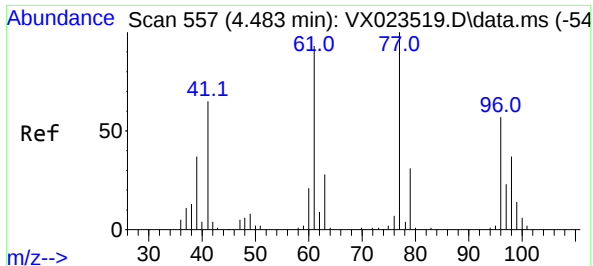
MMDadoda
8/23/2021 11:32:39 AM



#30
2-Butanone
Concen: 96.662 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion:	43	Resp:	178247
Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.6	9.8
72	25.5	21.0	31.4





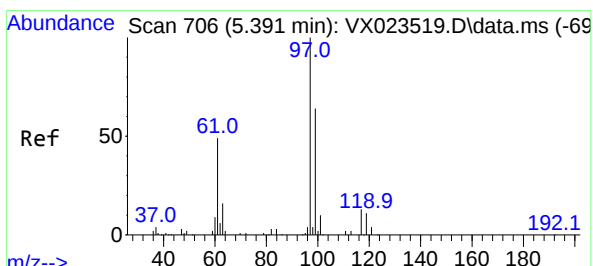
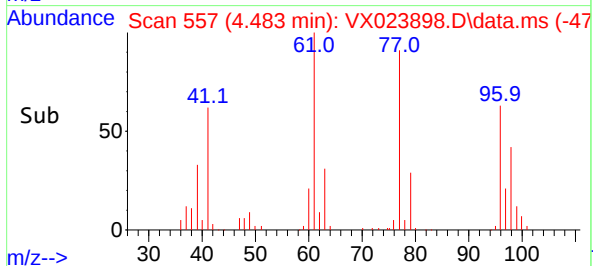
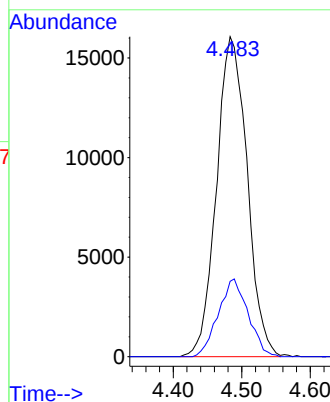
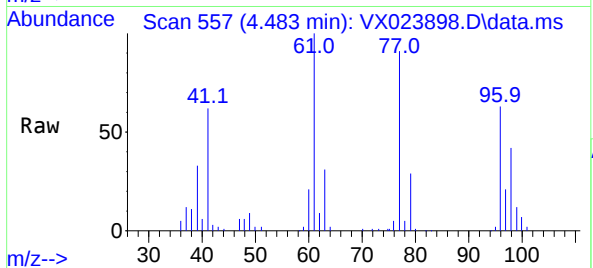
#31
2,2-Dichloropropane
Concen: 16.028 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 77 Resp: 49846
Ion Ratio Lower Upper
77 100
97 23.7 19.8 29.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

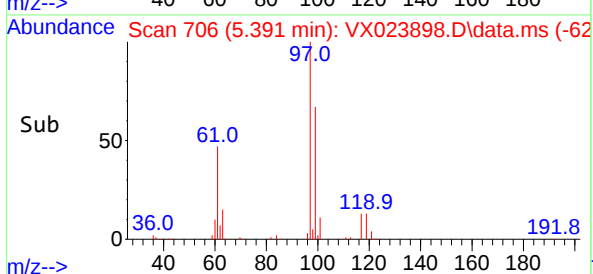
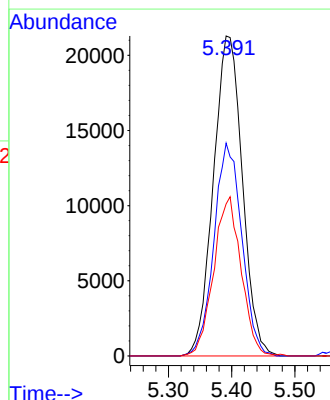
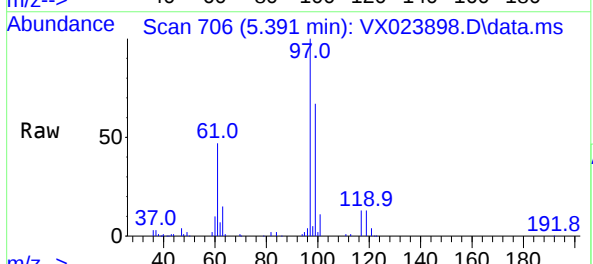
Manual Integrations
APPROVED

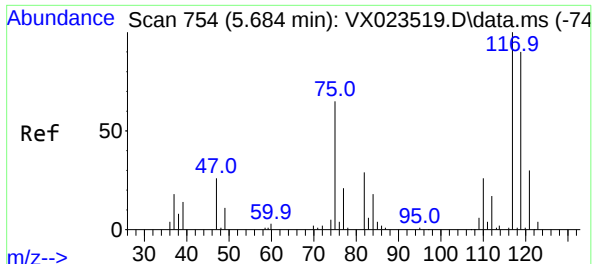
MMDadoda
8/23/2021 11:32:39 AM



#32
1,1,1-Trichloroethane
Concen: 20.348 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 97 Resp: 67720
Ion Ratio Lower Upper
97 100
99 63.9 50.4 75.6
61 47.1 36.4 54.6





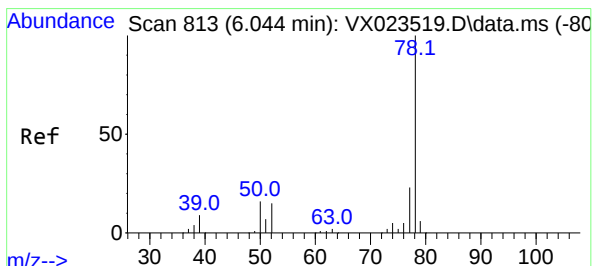
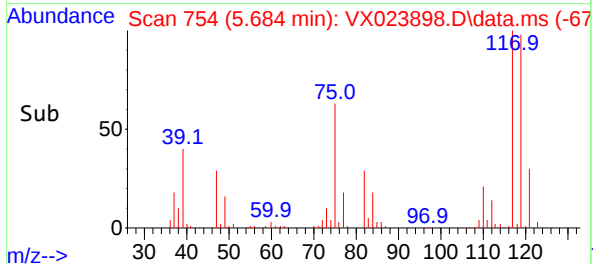
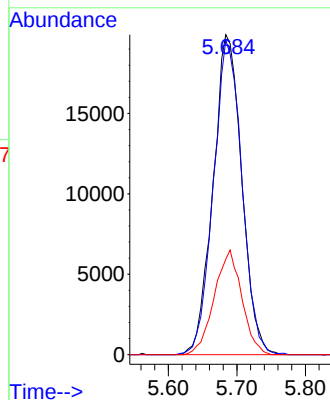
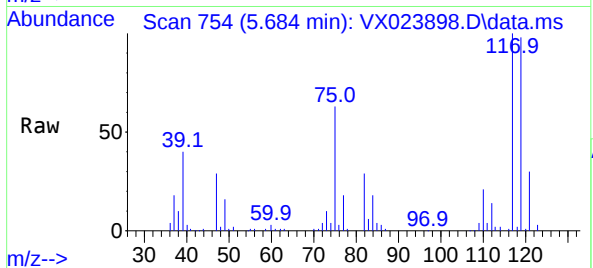
#33
Carbon Tetrachloride
Concen: 19.932 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion:117 Resp: 57695
Ion Ratio Lower Upper
117 100
119 97.8 75.4 113.2
121 29.8 24.1 36.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

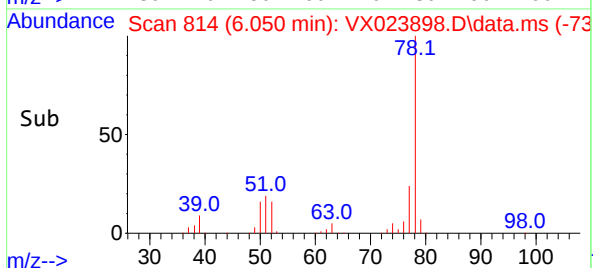
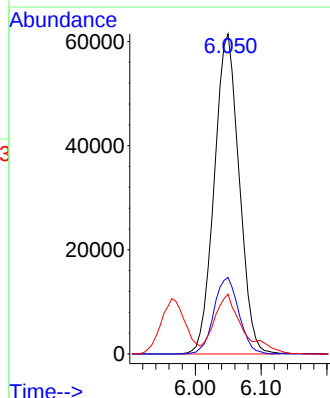
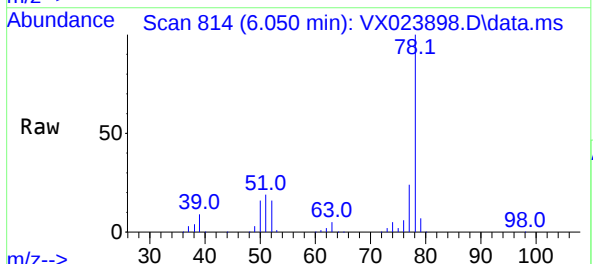
Manual Integrations
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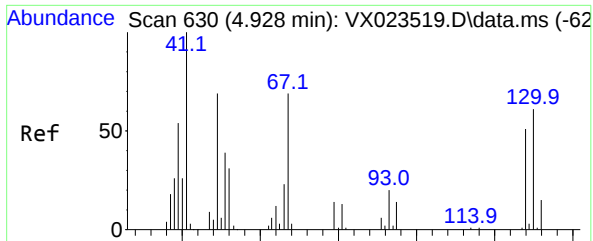
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#34
Benzene
Concen: 19.508 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 78 Resp: 161802
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9
51 17.7 12.2 18.4





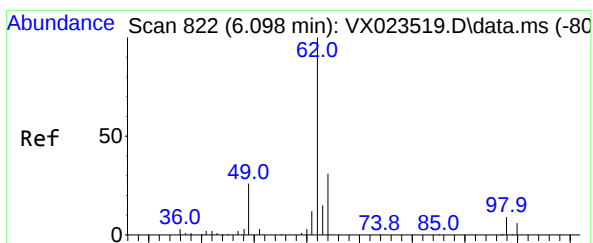
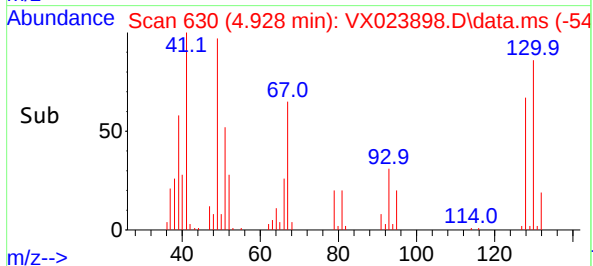
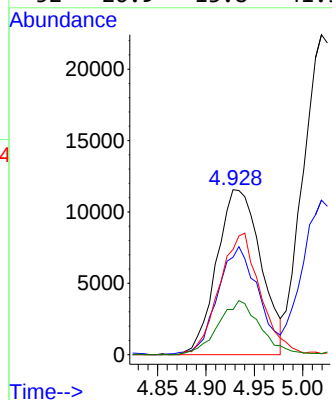
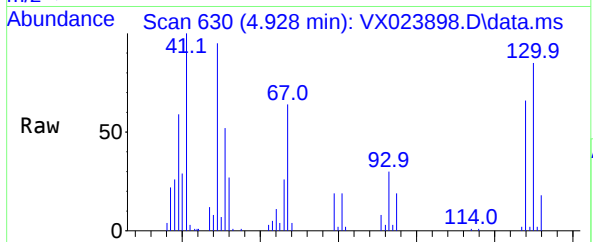
#35
Methacrylonitrile
Concen: 19.832 ug/l
RT: 4.928 min Scan# 630
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion:	41	Resp:	36771
Ion	Ratio	Lower	Upper
41	100		
39	57.7	27.4	82.2
67	63.8	34.6	103.9
52	26.9	13.8	41.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

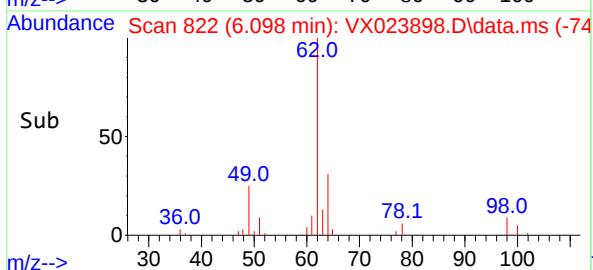
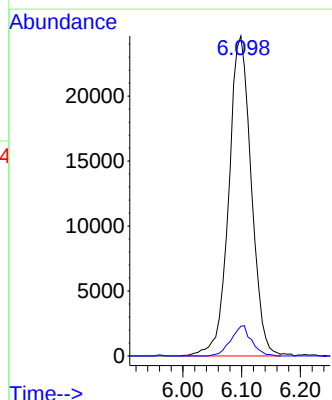
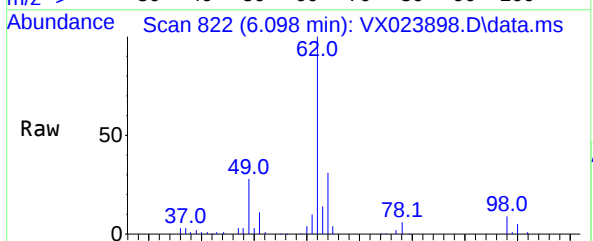
Manual Integrations
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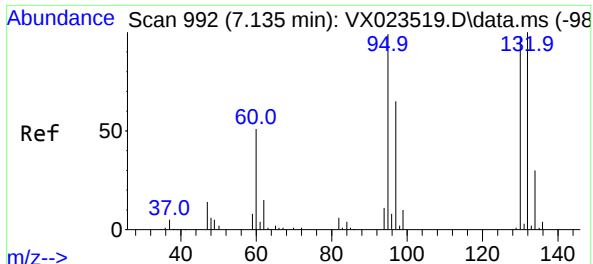
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8/23/2021 11:32:39 AM



#36
1,2-Dichloroethane
Concen: 20.672 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion:	62	Resp:	65516
Ion	Ratio	Lower	Upper
62	100		
98	8.7	7.0	10.4





#37

Trichloroethene

Concen: 20.106 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.000 min

Lab File: VX023898.D

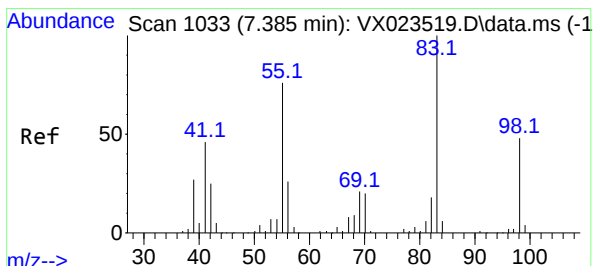
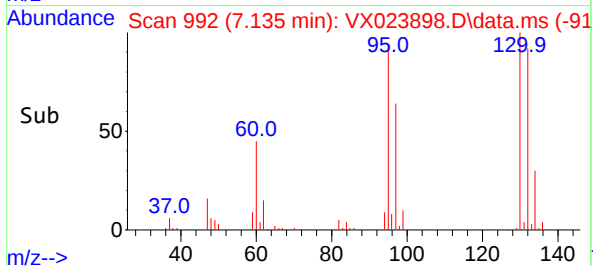
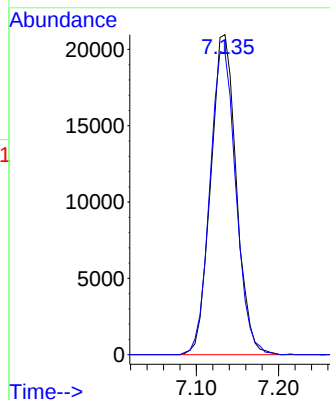
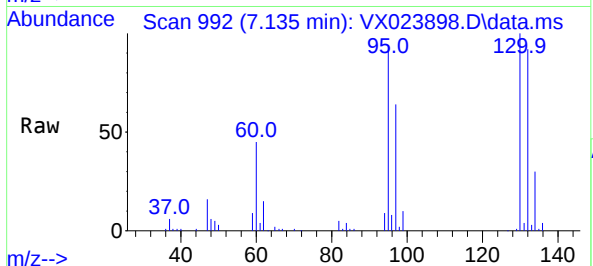
Acq: 20 Aug 2021 23:26

Tgt Ion:130 Resp: 45308

Ion Ratio Lower Upper

130 100

95 94.3 77.0 115.4



#38

Methylcyclohexane

Concen: 18.327 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX023898.D

Acq: 20 Aug 2021 23:26

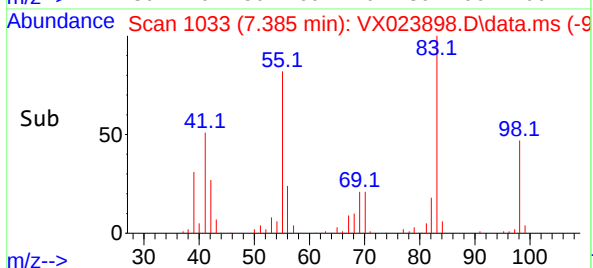
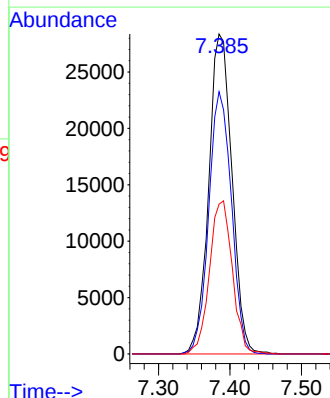
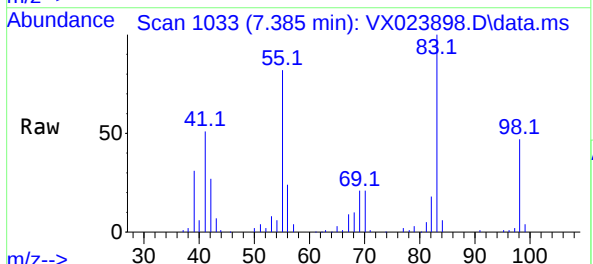
Tgt Ion: 83 Resp: 64133

Ion Ratio Lower Upper

83 100

55 79.9 37.8 113.4

98 47.1 23.4 70.3



Instrument :

MSVOA_X

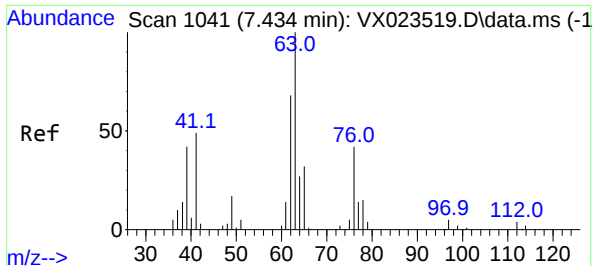
ClientSampleId :

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Manual Integrations

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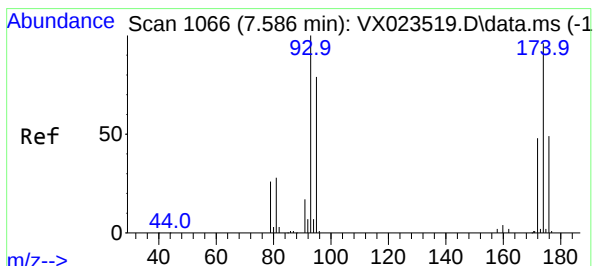
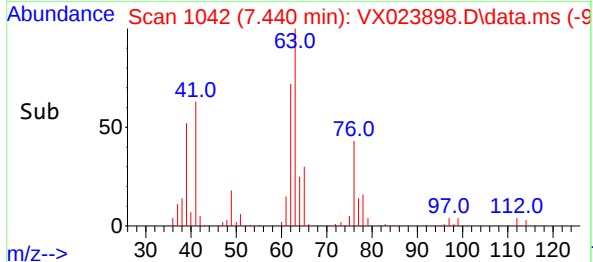
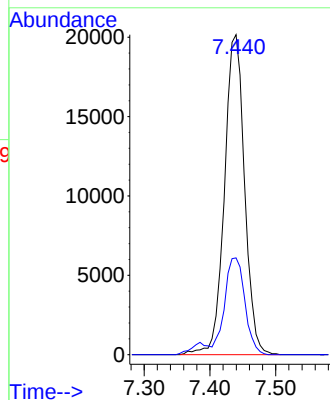
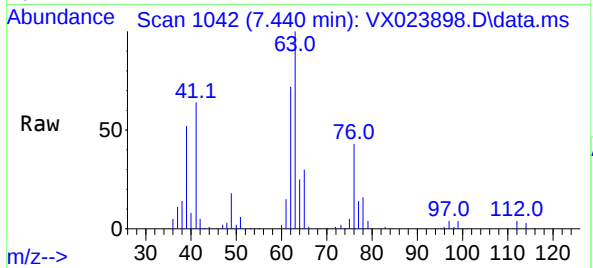
#39
1,2-Dichloropropane
Concen: 19.772 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 63 Resp: 42913
Ion Ratio Lower Upper
63 100
65 30.2 23.4 35.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

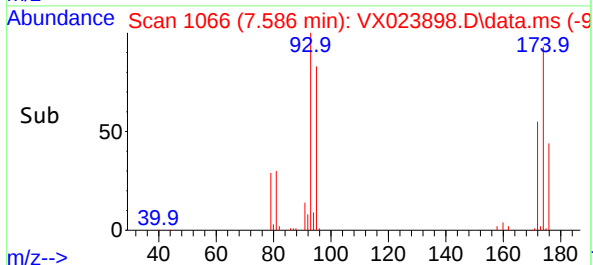
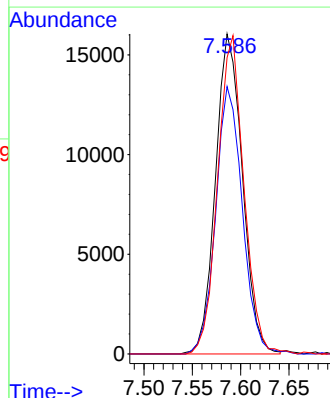
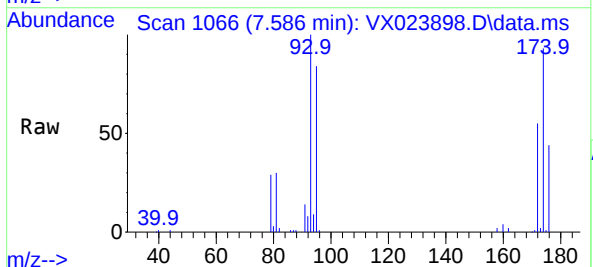
Manual Integrations
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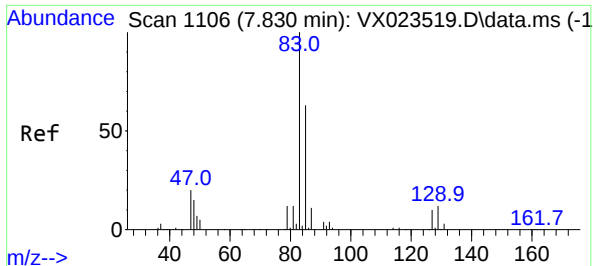
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#40
Dibromomethane
Concen: 20.174 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 93 Resp: 31060
Ion Ratio Lower Upper
93 100
95 82.7 0.0 168.4
174 96.8 0.0 206.6





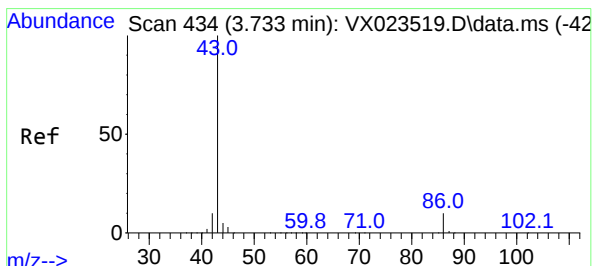
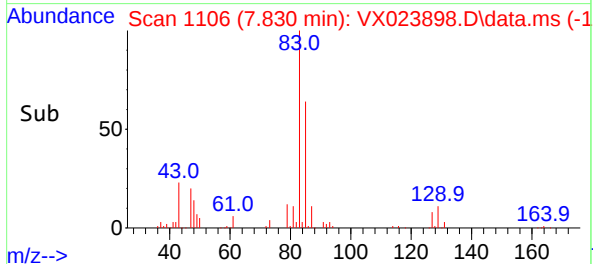
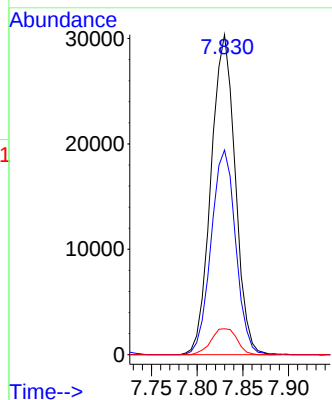
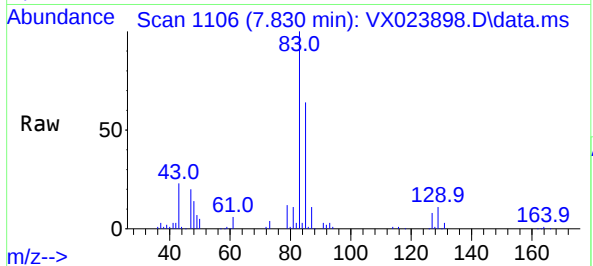
#41
Bromodichloromethane
Concen: 20.002 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 83 Resp: 55889
Ion Ratio Lower Upper
83 100
85 63.9 51.7 77.5
127 8.1 7.4 11.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

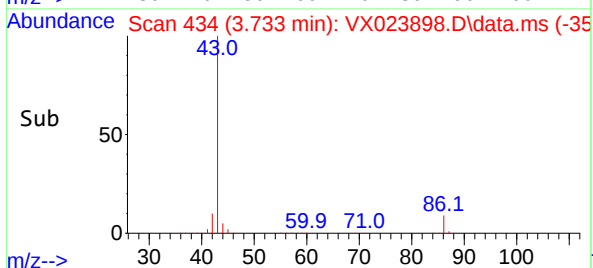
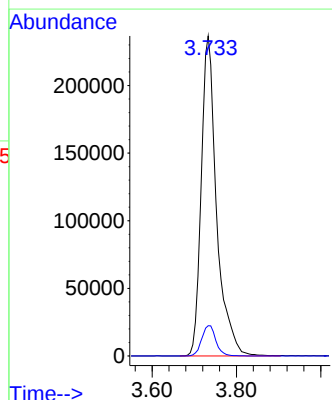
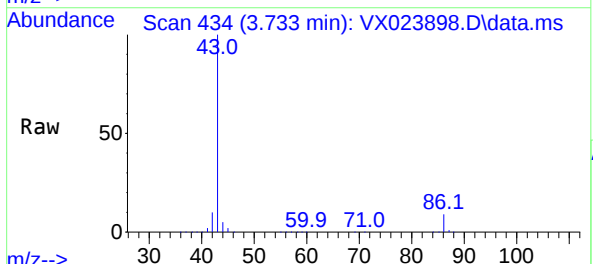
Manual Integrations
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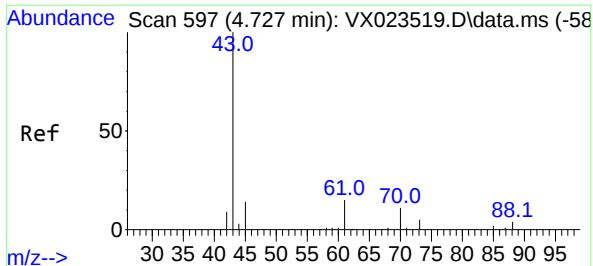
MMDadoda
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#42
Vinyl Acetate
Concen: 99.887 ug/l
RT: 3.733 min Scan# 434
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 43 Resp: 599976
Ion Ratio Lower Upper
43 100
86 8.7 7.2 10.8





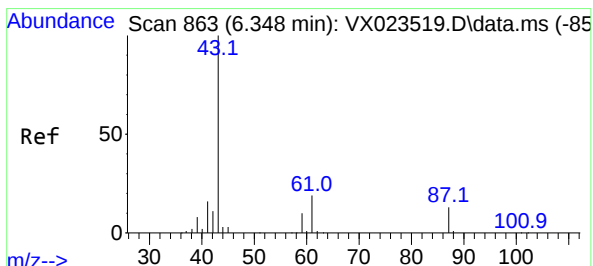
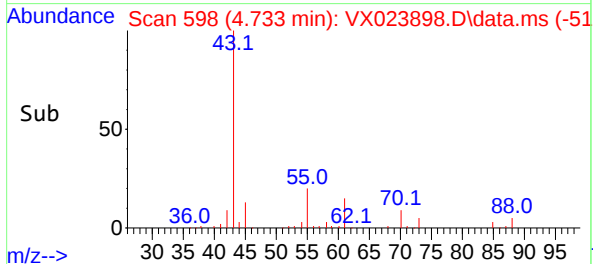
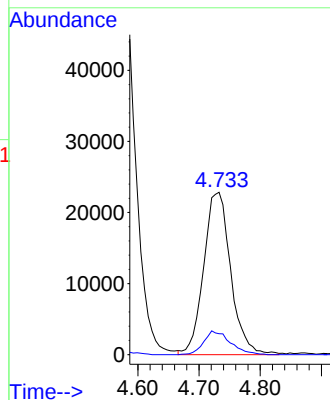
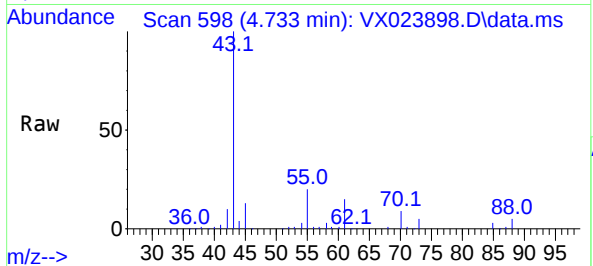
#43
Ethyl Acetate
Concen: 20.506 ug/l m
RT: 4.733 min Scan# 598
Delta R.T. 0.006 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 43 Resp: 70143
Ion Ratio Lower Upper
43 100
45 0.1 12.1 18.1#

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

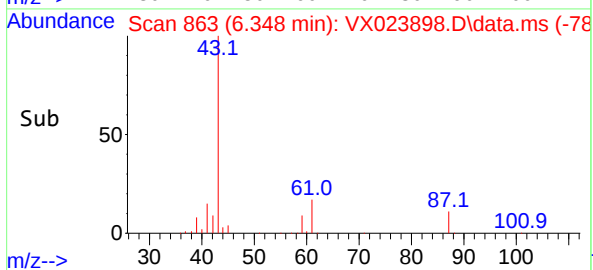
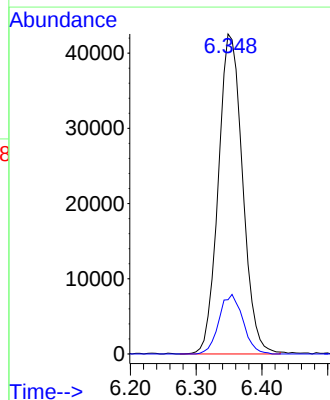
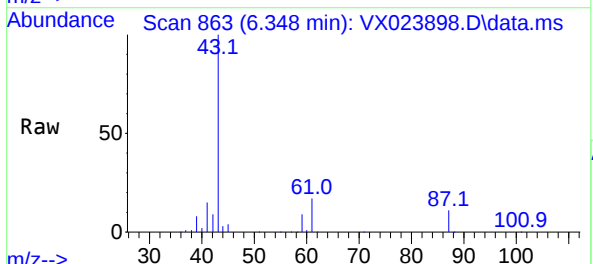
Manual Integrations
APPROVED

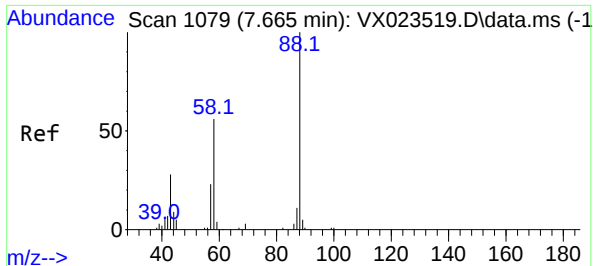
MMDadoda
8/23/2021 11:32:39 AM



#44
Isopropyl Acetate
Concen: 20.088 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 43 Resp: 109392
Ion Ratio Lower Upper
43 100
61 18.3 15.4 23.2





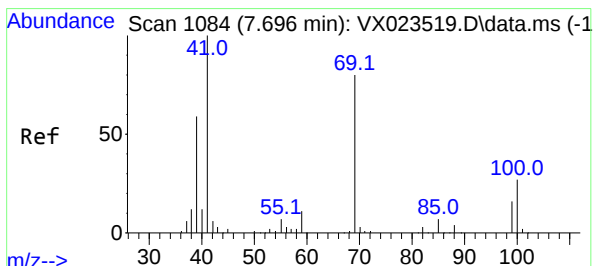
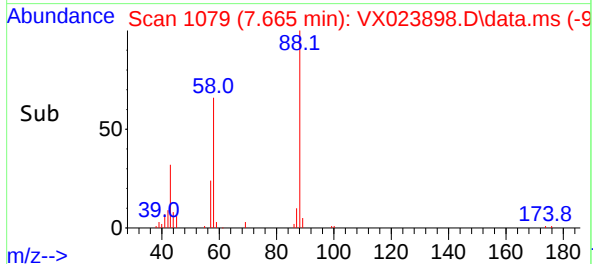
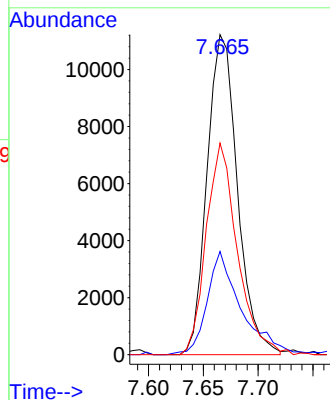
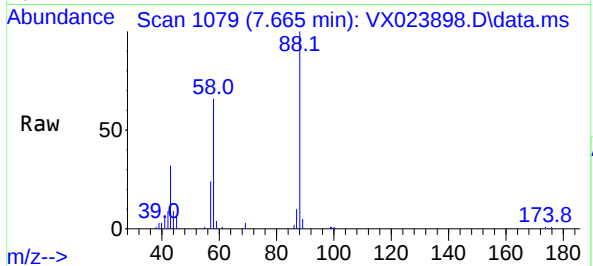
#45
1,4-Dioxane
Concen: 383.088 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion:	88	Resp:	21648
Ion	Ratio	Lower	Upper
88	100		
43	36.5	25.3	37.9
58	67.9	53.1	79.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

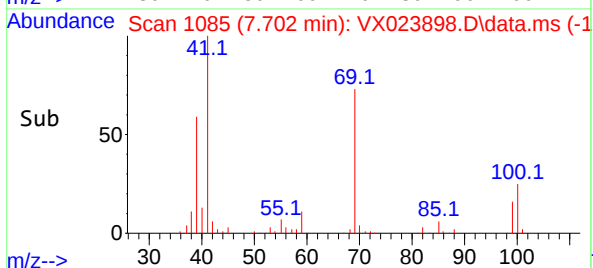
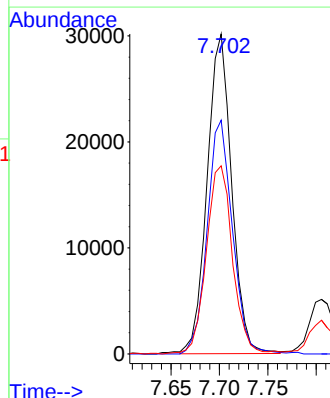
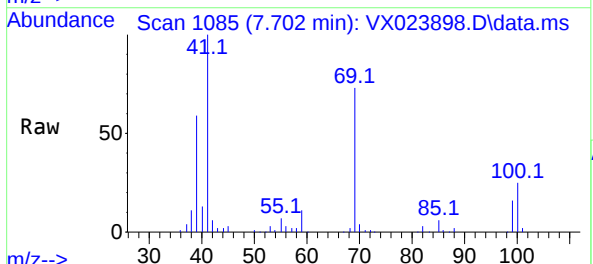
Manual Integrations
APPROVED

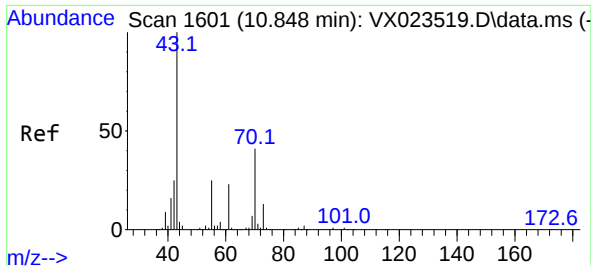
MMDadoda
8/23/2021 11:32:39 AM



#46
Methyl methacrylate
Concen: 20.230 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion:	41	Resp:	53132
Ion	Ratio	Lower	Upper
41	100		
69	73.5	39.5	118.5
39	58.7	29.0	87.1





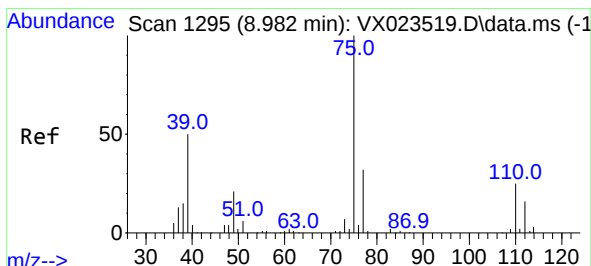
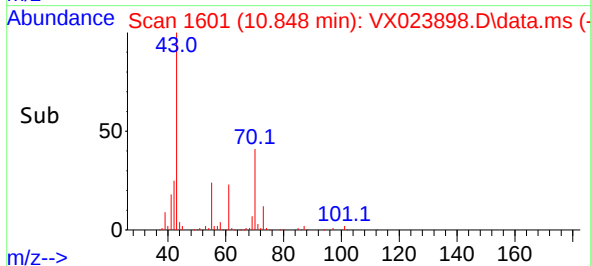
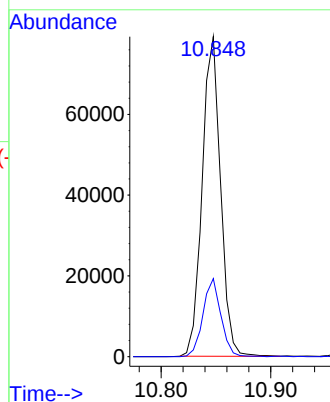
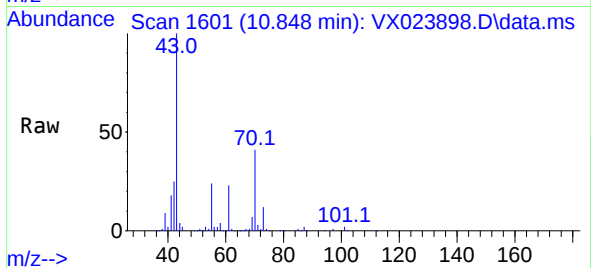
#47
n-amy1 Acetate
Concen: 19.881 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 43 Resp: 92112
Ion Ratio Lower Upper
43 100
55 23.9 18.9 28.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

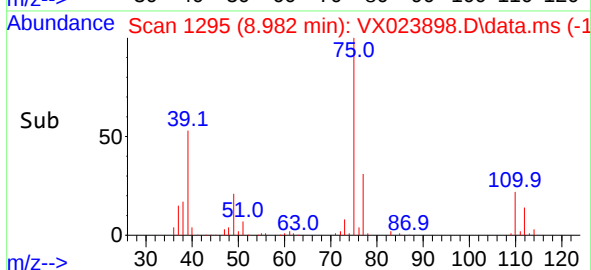
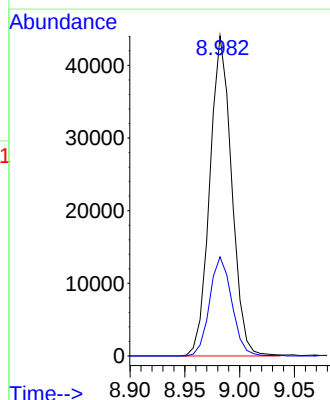
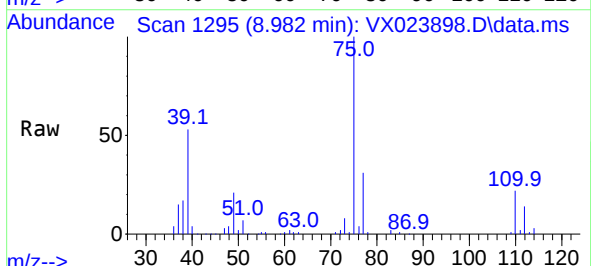
Manual Integrations
APPROVED

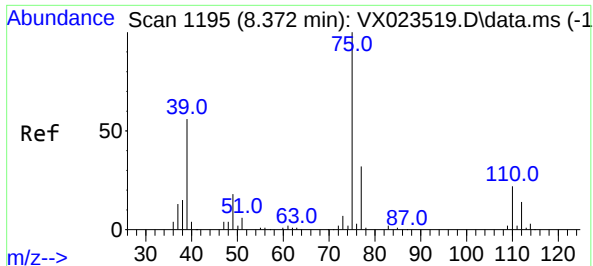
MMDadoda
8/23/2021 11:32:39 AM



#48
t-1,3-Dichloropropene
Concen: 18.759 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 75 Resp: 61199
Ion Ratio Lower Upper
75 100
77 30.9 25.8 38.8





#49

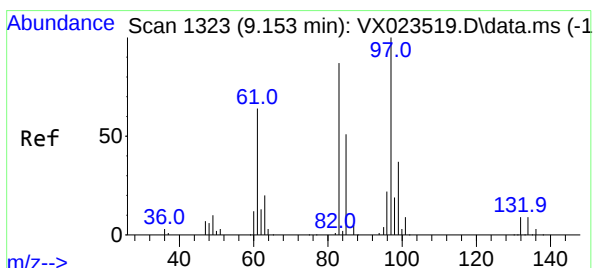
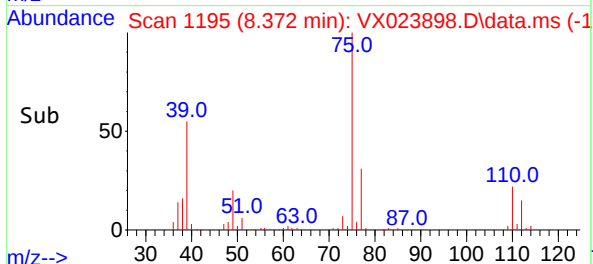
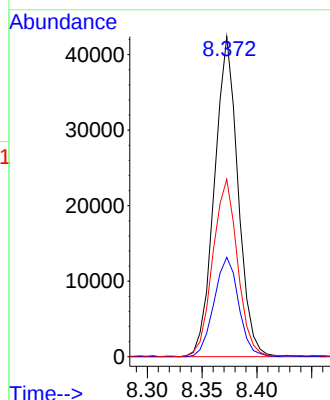
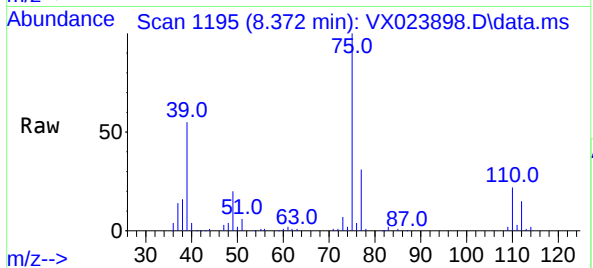
cis-1,3-Dichloropropene
Concen: 18.327 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 75 Resp: 63407
Ion Ratio Lower Upper
75 100
77 31.0 23.6 35.4
39 55.1 44.0 66.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

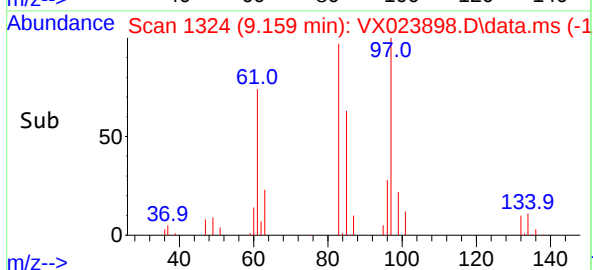
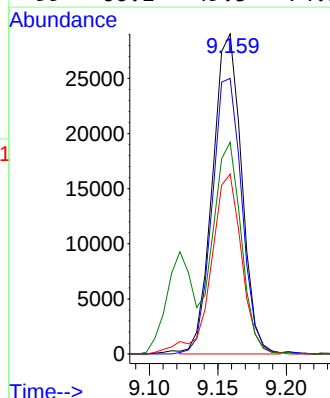
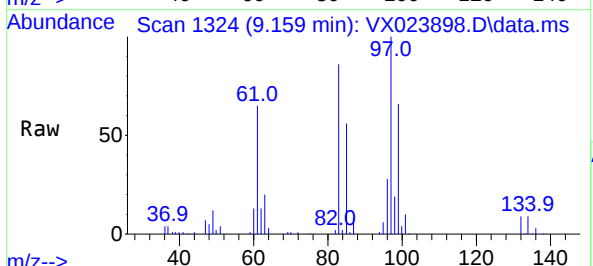
MMDadoda
8/23/2021 11:32:39 AM

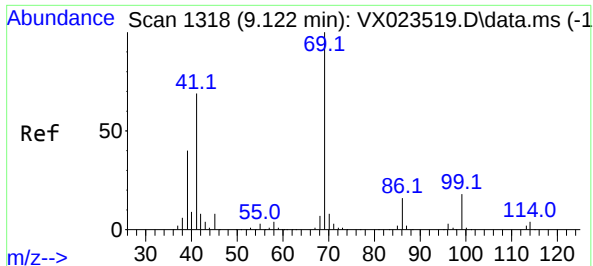


#50

1,1,2-Trichloroethane
Concen: 19.269 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 97 Resp: 42847
Ion Ratio Lower Upper
97 100
83 86.1 64.2 96.4
85 56.0 42.4 63.6
99 66.1 49.5 74.3





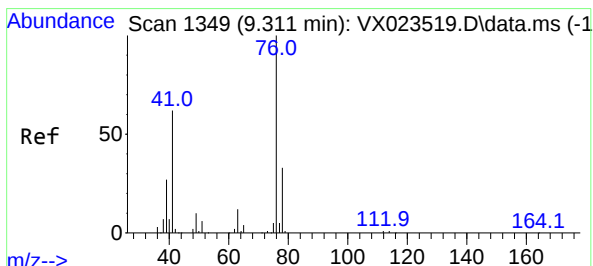
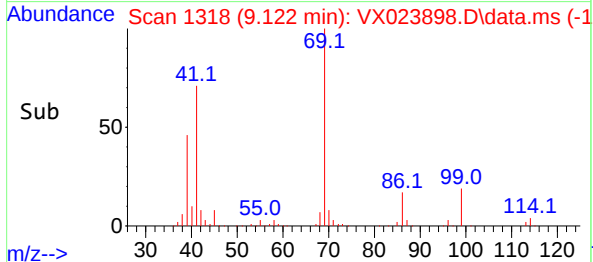
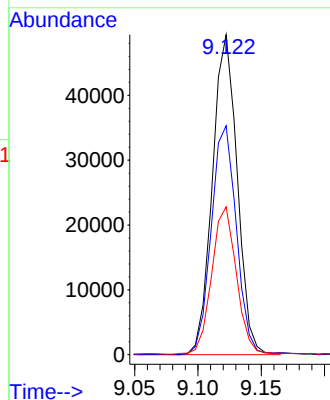
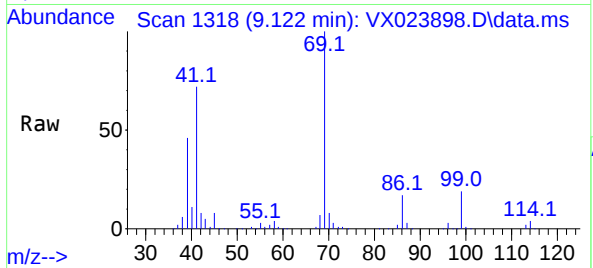
#51
Ethyl methacrylate
Concen: 19.217 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 69 Resp: 67372
Ion Ratio Lower Upper
69 100
41 71.6 35.8 107.3
39 45.8 20.3 60.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

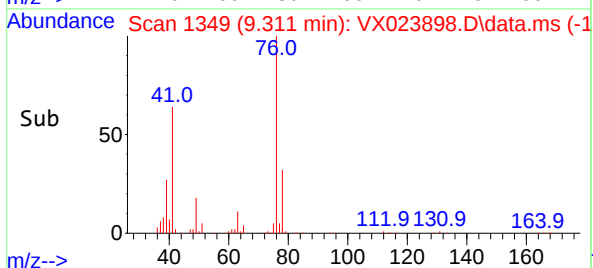
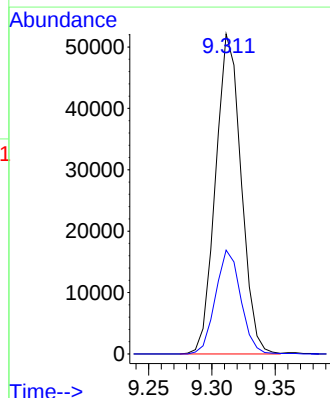
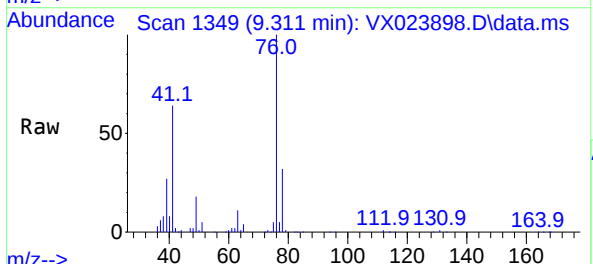
Manual Integrations
APPROVED

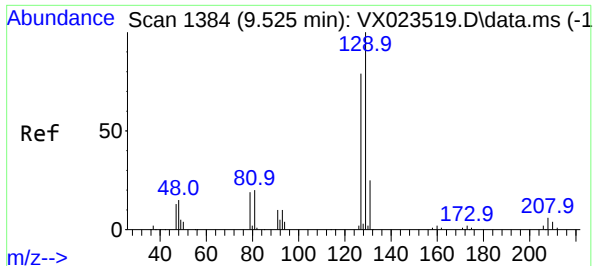
MMDadoda
8/23/2021 11:32:39 AM



#52
1,3-Dichloropropane
Concen: 20.035 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 76 Resp: 73132
Ion Ratio Lower Upper
76 100
78 32.1 0.0 64.0





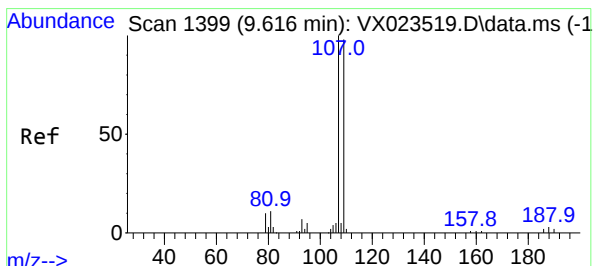
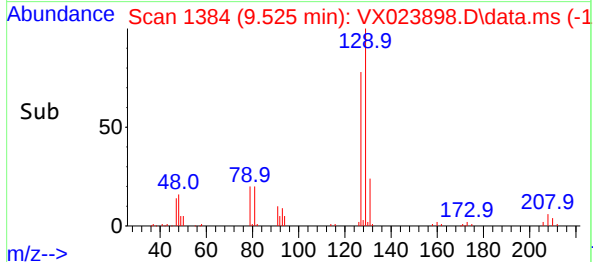
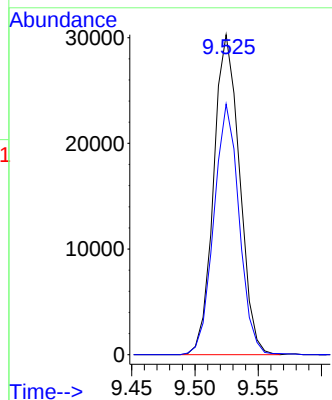
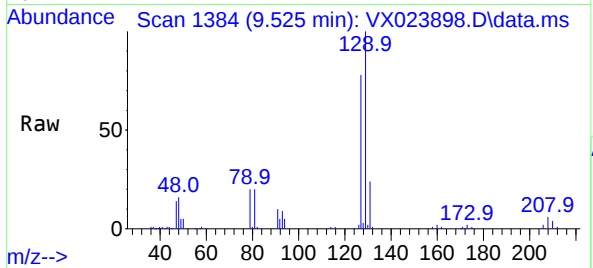
#53
Dibromochloromethane
Concen: 19.288 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion:129 Resp: 43104
Ion Ratio Lower Upper
129 100
127 76.3 39.3 117.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

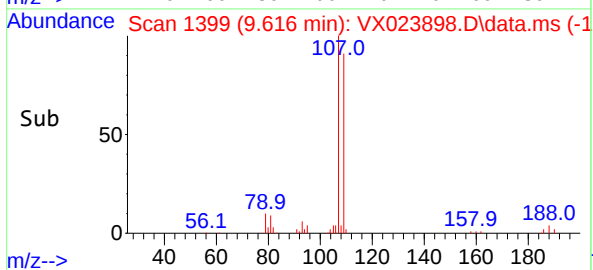
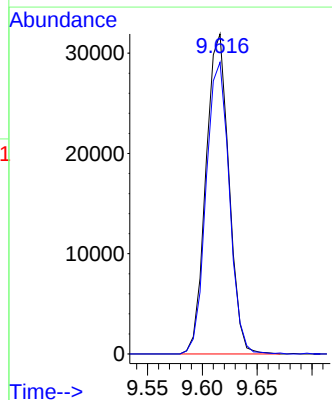
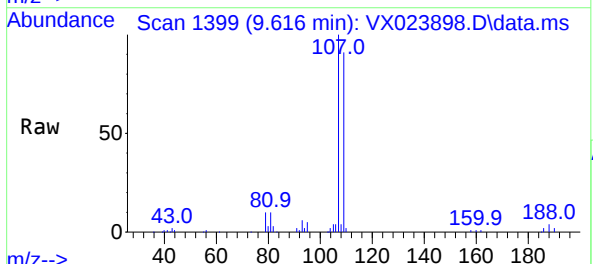
Manual Integrations
APPROVED

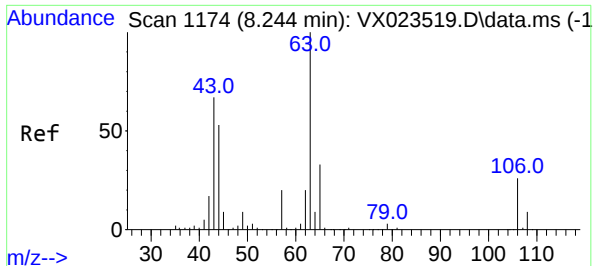
MMDadoda
8/23/2021 11:32:39 AM



#54
1,2-Dibromoethane
Concen: 19.767 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion:107 Resp: 46513
Ion Ratio Lower Upper
107 100
109 92.1 75.3 112.9





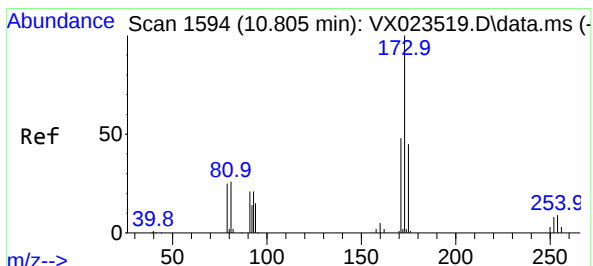
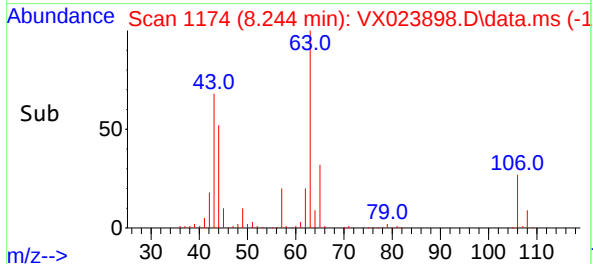
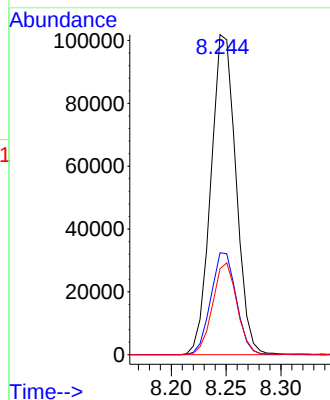
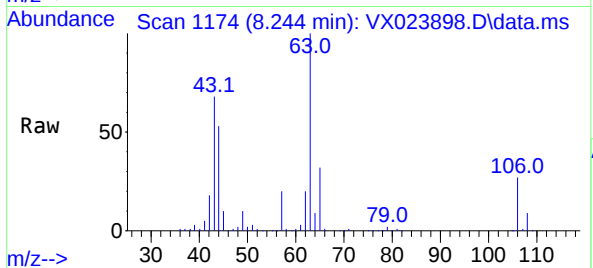
#55
2-Chloroethyl vinyl ether
Concen: 92.752 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 63 Resp: 162402
Ion Ratio Lower Upper
63 100
65 32.3 25.8 38.6
106 28.0 21.8 32.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

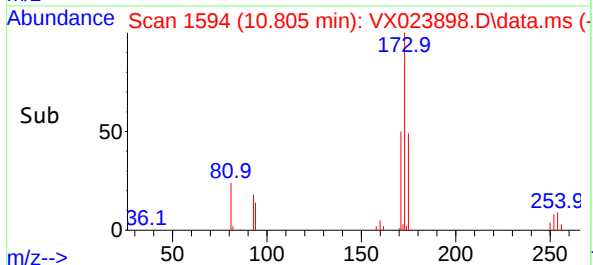
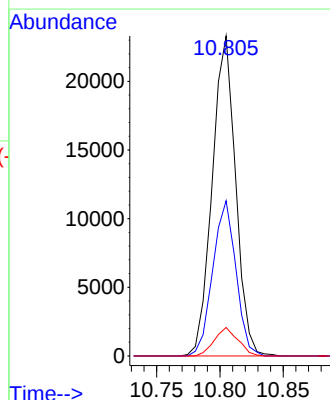
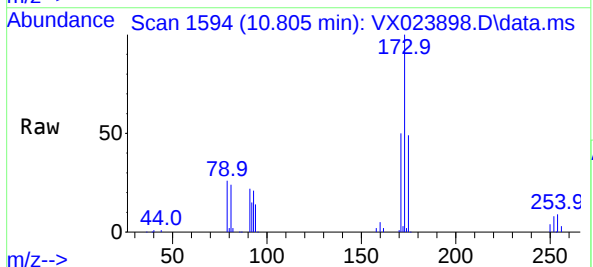
Manual Integrations
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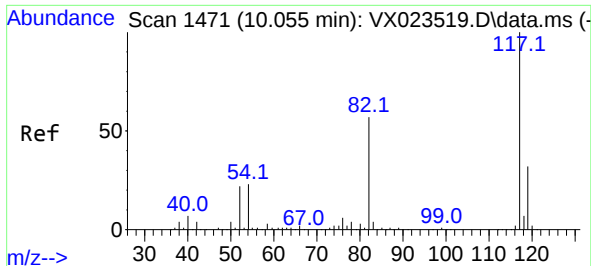
MMDadoda
8/23/2021 11:32:39 AM



#56
Bromoform
Concen: 18.712 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 173 Resp: 30005
Ion Ratio Lower Upper
173 100
175 47.9 38.4 57.6
254 9.0 7.3 10.9





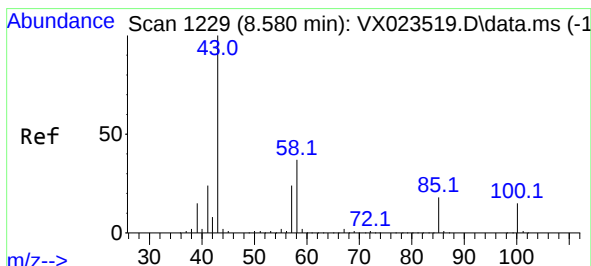
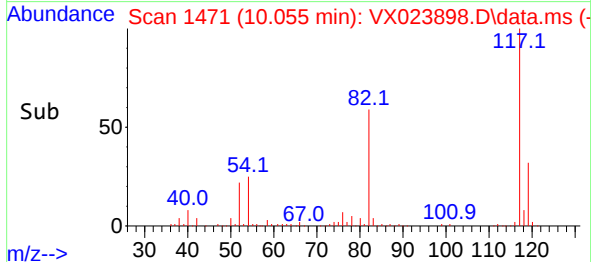
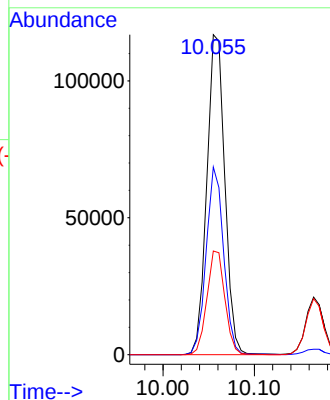
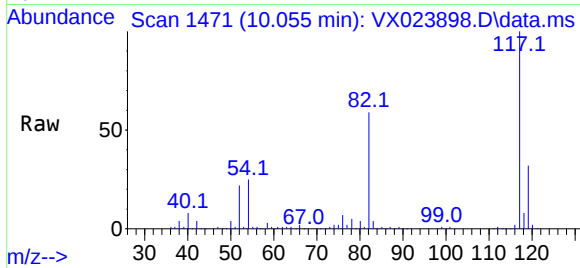
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 117 Resp: 159452
Ion Ratio Lower Upper
117 100
82 57.0 45.0 67.4
119 32.4 26.2 39.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

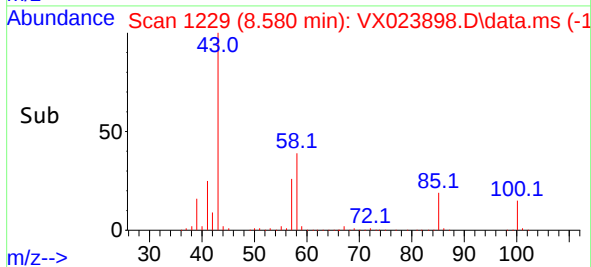
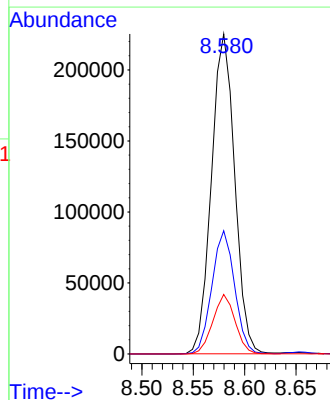
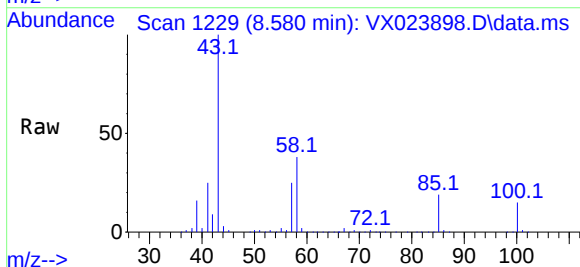
Manual Integrations
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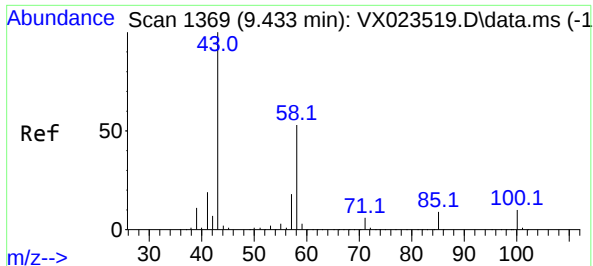
MMDadoda
8/23/2021 11:32:39 AM



#58
4-Methyl-2-Pentanone
Concen: 103.077 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 43 Resp: 354333
Ion Ratio Lower Upper
43 100
58 37.7 30.5 45.7
85 17.8 14.0 21.0





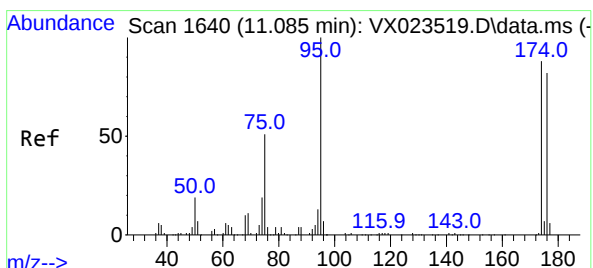
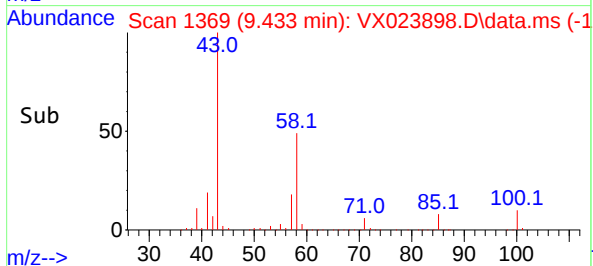
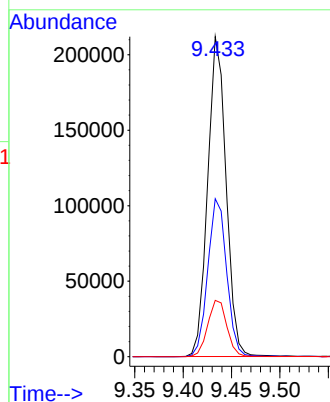
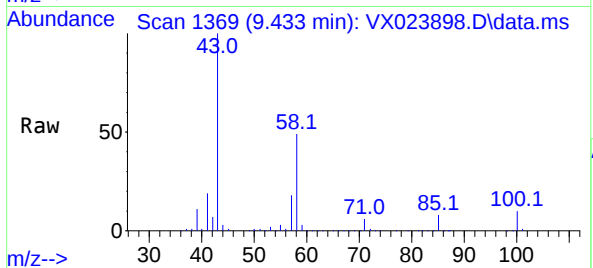
#59
2-Hexanone
Concen: 105.422 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 43 Resp: 281413
Ion Ratio Lower Upper
43 100
58 50.6 42.1 63.1
57 18.4 14.9 22.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

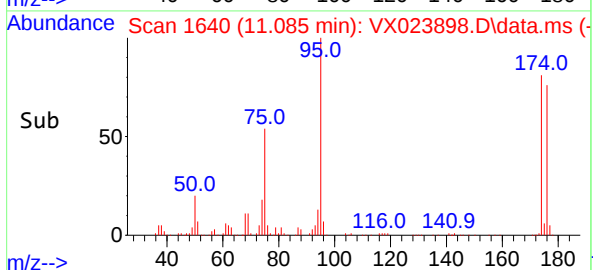
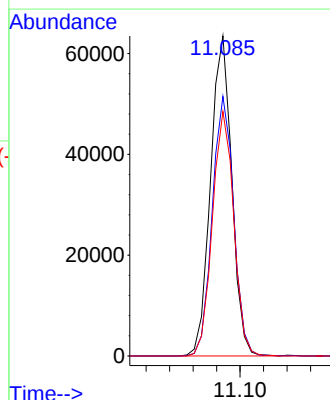
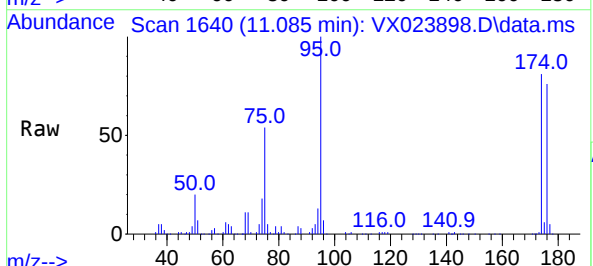
Manual Integrations
APPROVED

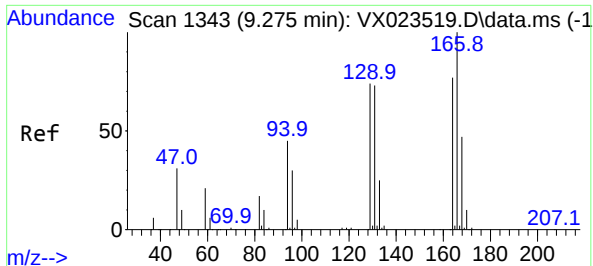
MMDadoda
8/23/2021 11:32:39 AM



#60
4-Bromofluorobenzene
Concen: 30.436 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

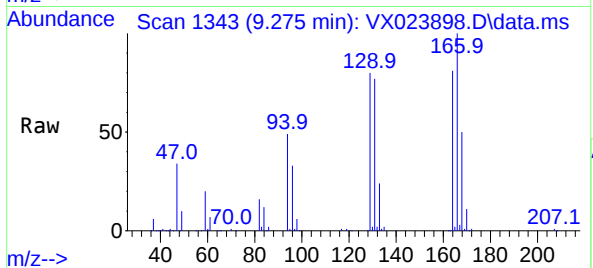
Tgt Ion: 95 Resp: 79491
Ion Ratio Lower Upper
95 100
174 81.6 63.5 95.3
176 76.9 63.0 94.4





#61
Tetrachloroethene
Concen: 20.507 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

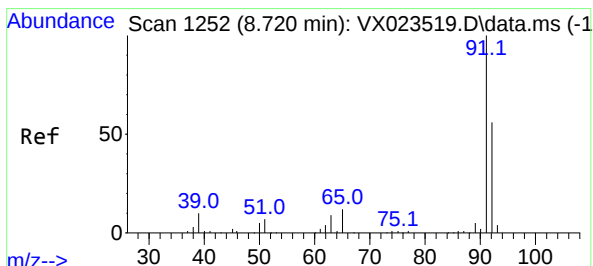
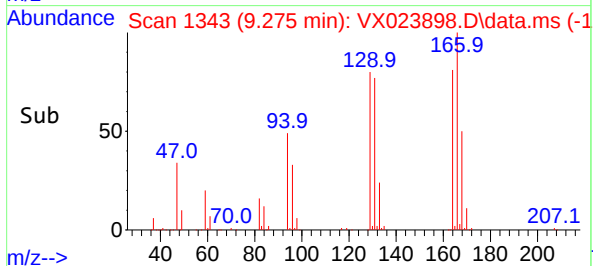
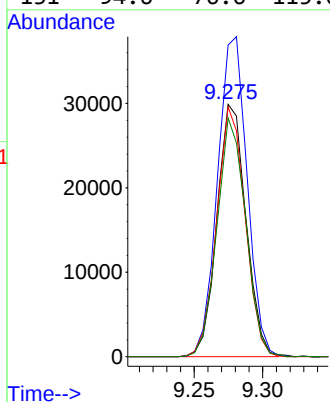
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



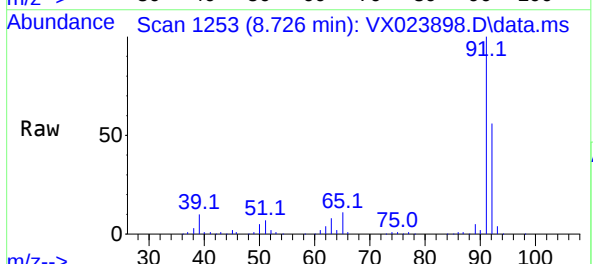
Tgt Ion:164 Resp: 43934
Ion Ratio Lower Upper
164 100
166 123.5 98.6 147.8
129 98.9 79.7 119.5
131 94.6 76.6 115.0

Manual Integrations
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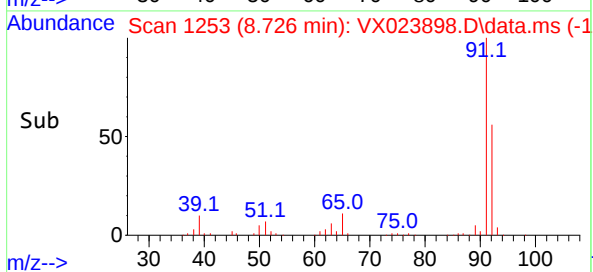
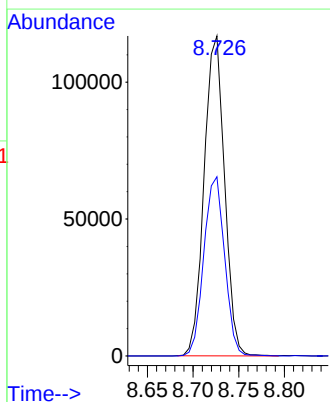
MMDadoda
8/23/2021 11:32:39 AM

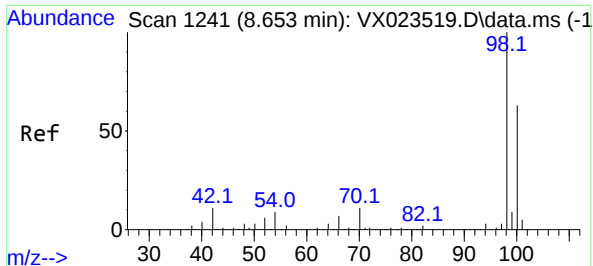


#62
Toluene
Concen: 20.157 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26



Tgt Ion: 91 Resp: 181318
Ion Ratio Lower Upper
91 100
92 57.1 46.5 69.7





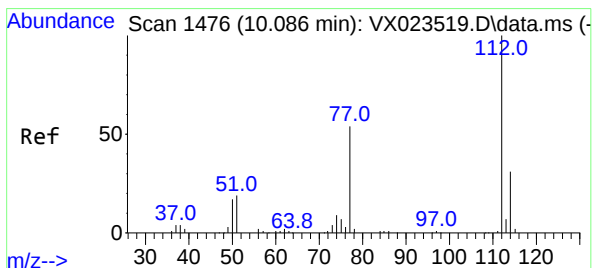
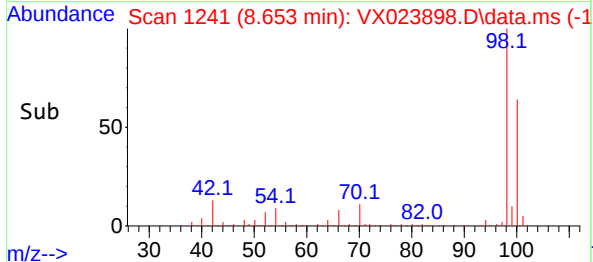
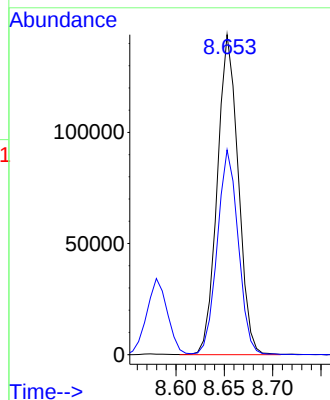
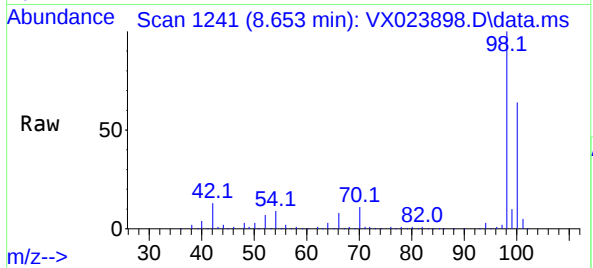
#63
Toluene-d8
Concen: 30.199 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 98 Resp: 216713
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

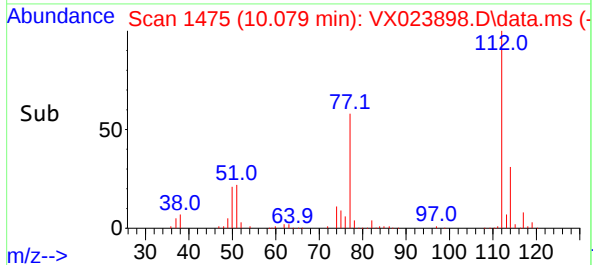
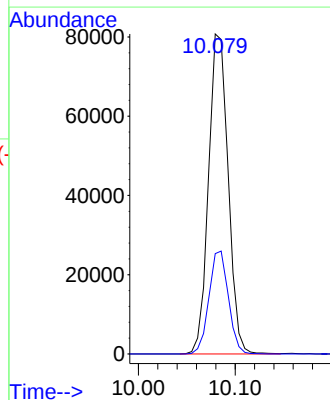
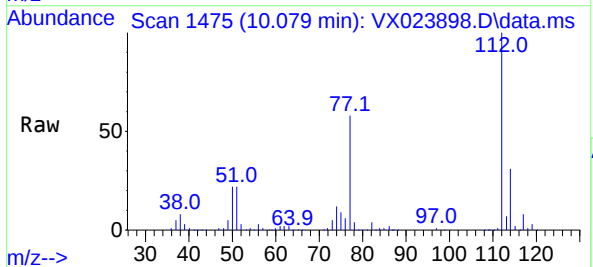
Manual Integrations
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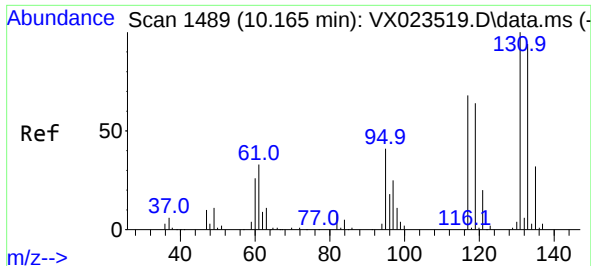
MMDadoda
8/23/2021 11:32:39 AM



#64
Chlorobenzene
Concen: 19.990 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 112 Resp: 113774
Ion Ratio Lower Upper
112 100
114 31.4 26.0 39.0





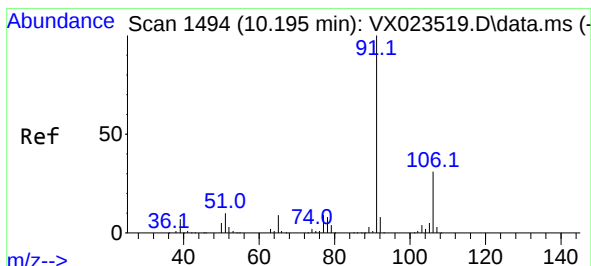
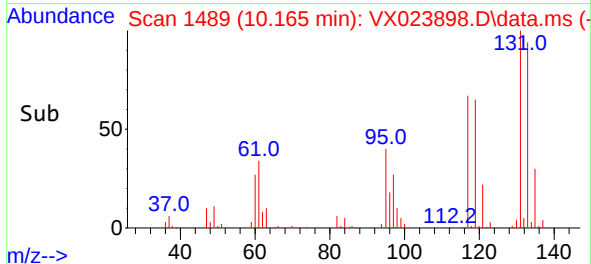
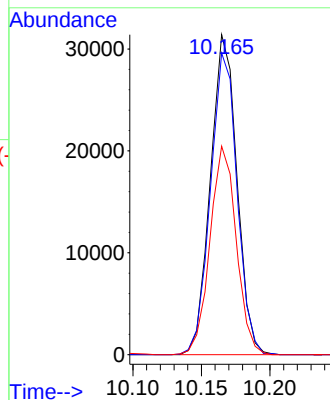
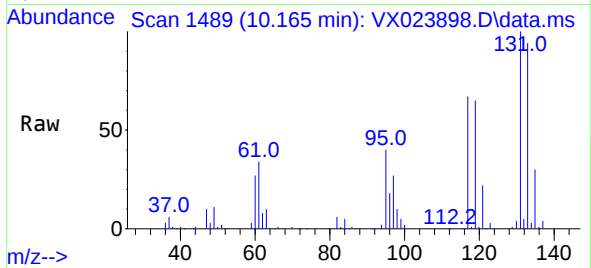
#65
1,1,1,2-Tetrachloroethane
Concen: 19.996 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion:	131	Resp:	42135
Ion	Ratio	Lower	Upper
131	100		
133	94.9	0.0	191.2
119	64.8	0.0	133.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

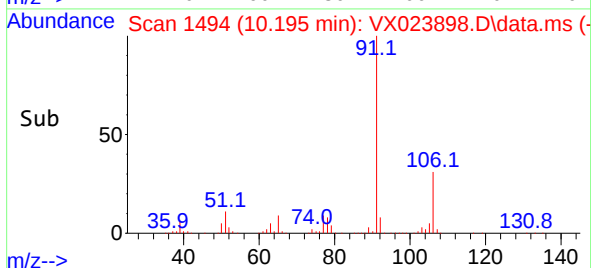
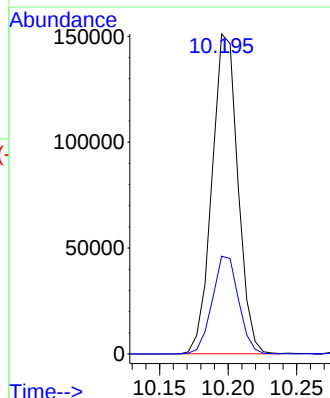
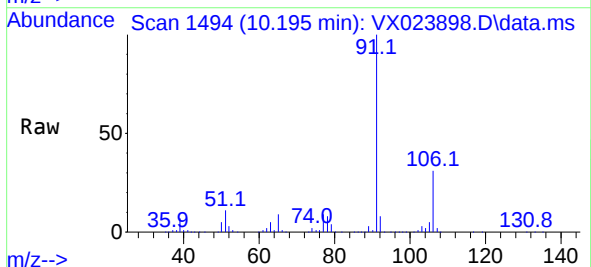
Manual Integrations
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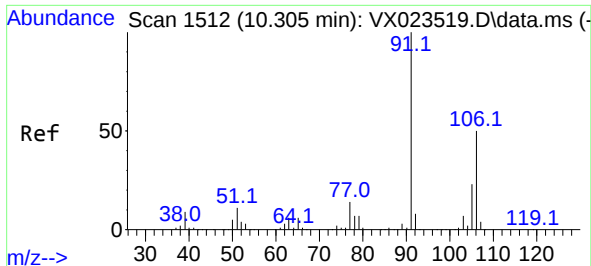
MMDadoda
8/23/2021 11:32:39 AM



#66
Ethyl Benzene
Concen: 19.963 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion:	91	Resp:	198729
Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.7	37.1





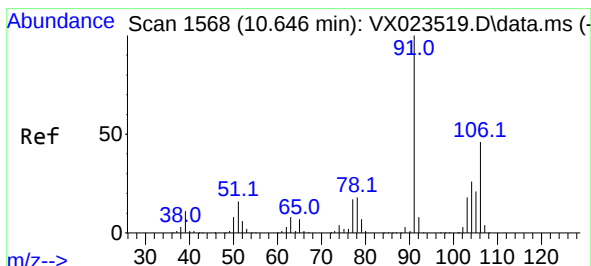
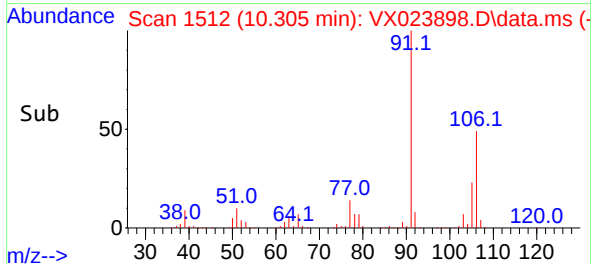
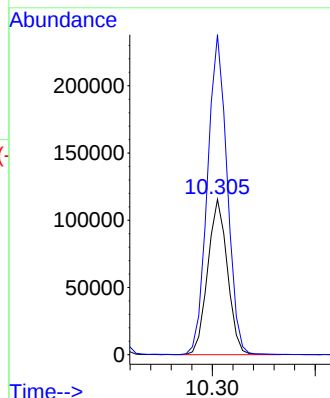
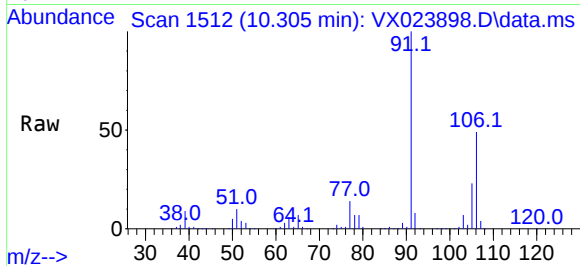
#67
m/p-Xylenes
Concen: 39.999 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 153991
Ion Ratio Lower Upper
106 100
91 205.5 162.4 243.6

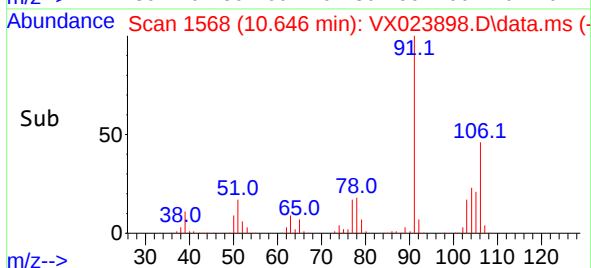
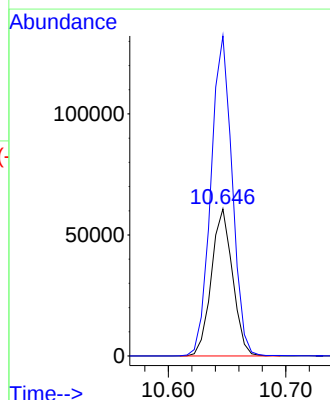
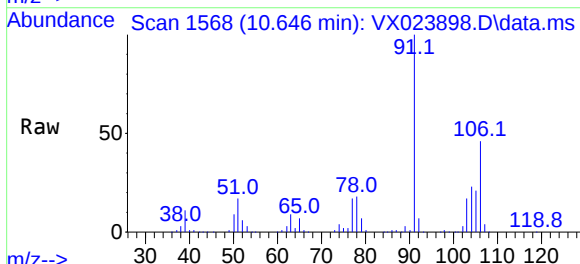
Manual Integrations
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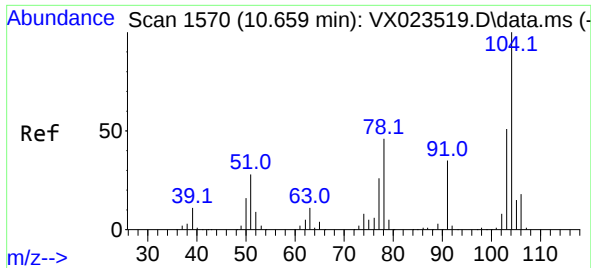
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8/23/2021 11:32:39 AM



#68
o-Xylene
Concen: 20.084 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion:106 Resp: 76229
Ion Ratio Lower Upper
106 100
91 218.0 107.3 321.8





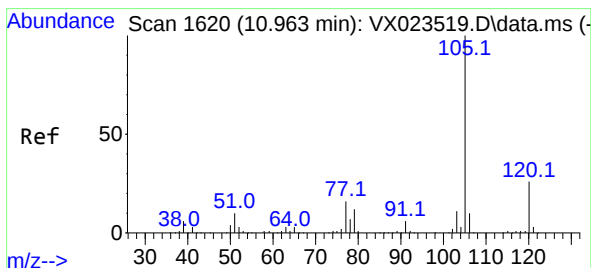
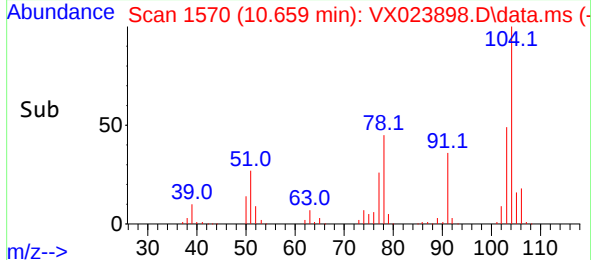
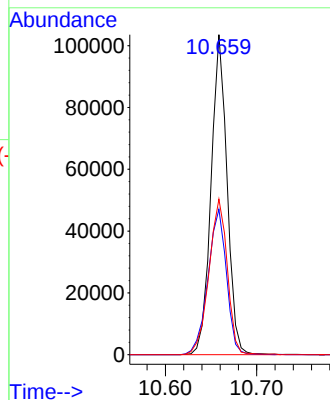
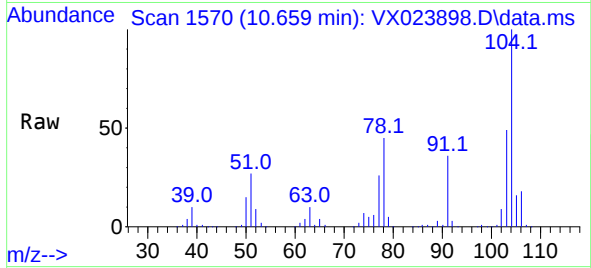
#69
Styrene
Concen: 20.069 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion:104 Resp: 125530
Ion Ratio Lower Upper
104 100
78 52.7 41.4 62.0
103 55.6 44.2 66.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

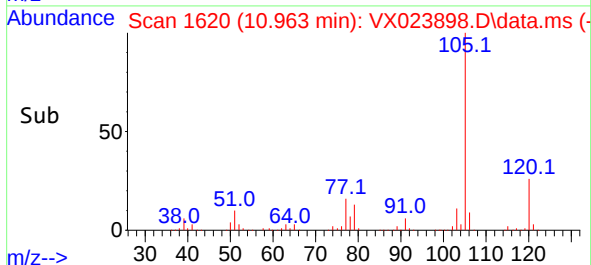
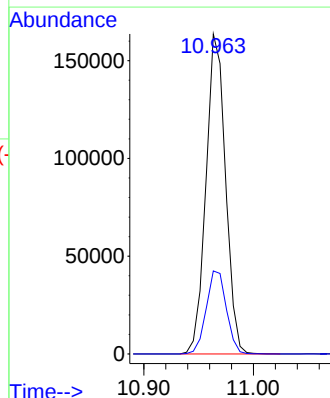
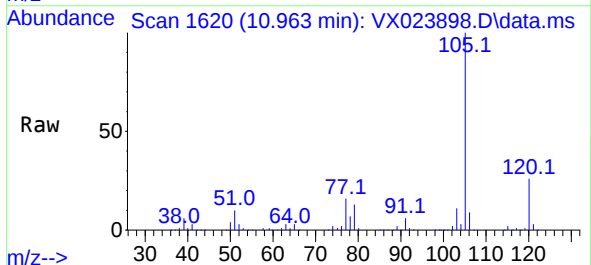
Manual Integrations
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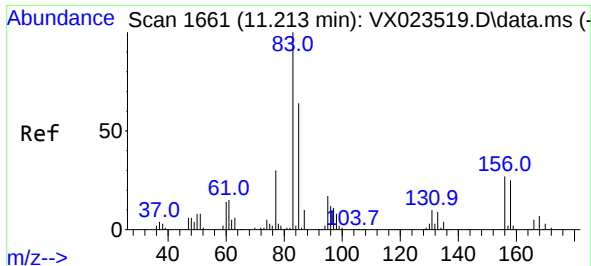
MMDadoda
8/23/2021 11:32:39 AM



#70
Isopropylbenzene
Concen: 20.299 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion:105 Resp: 202573
Ion Ratio Lower Upper
105 100
120 26.7 18.7 34.7





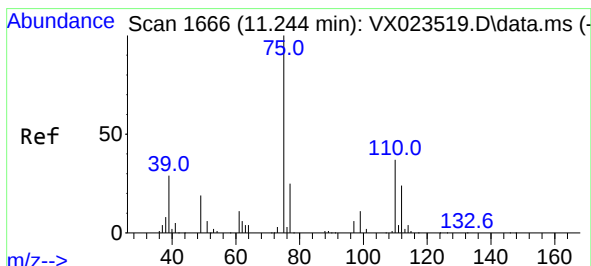
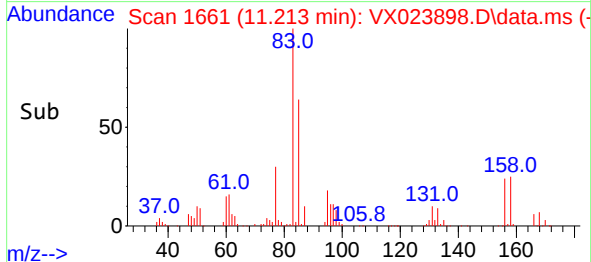
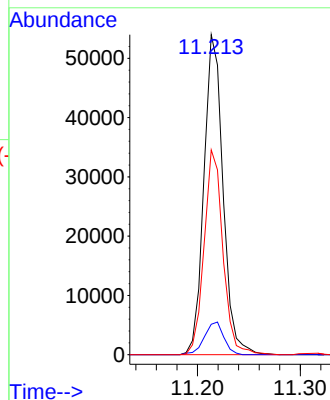
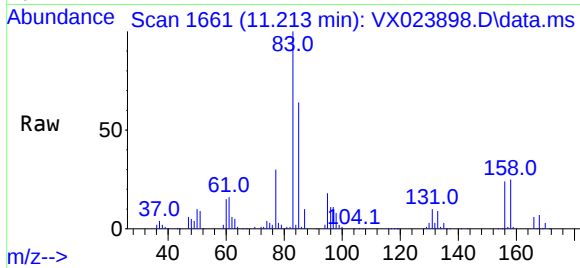
#71
1,1,2,2-Tetrachloroethane
Concen: 21.848 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 83 Resp: 69749
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.4
85 63.2 32.4 97.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

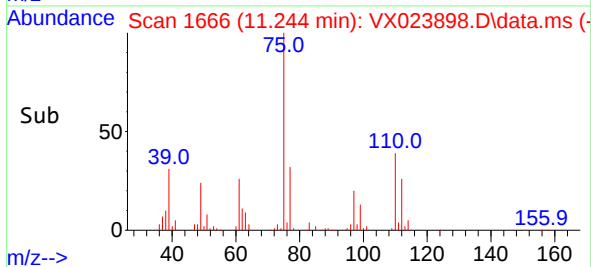
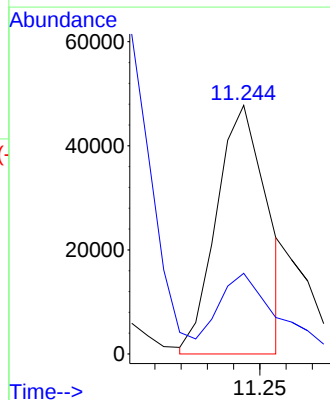
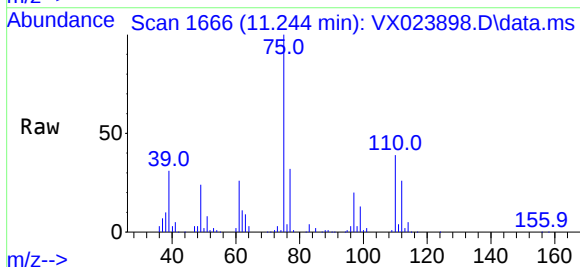
Manual Integrations
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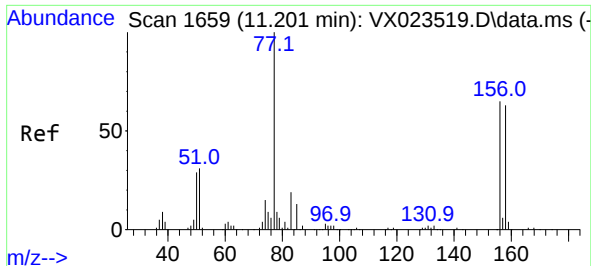
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#72
1,2,3-Trichloropropane
Concen: 21.124 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 75 Resp: 63386
Ion Ratio Lower Upper
75 100
77 38.7 0.0 77.4





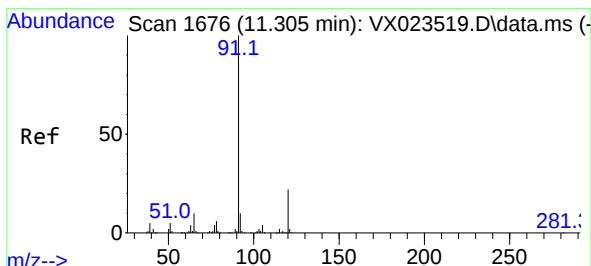
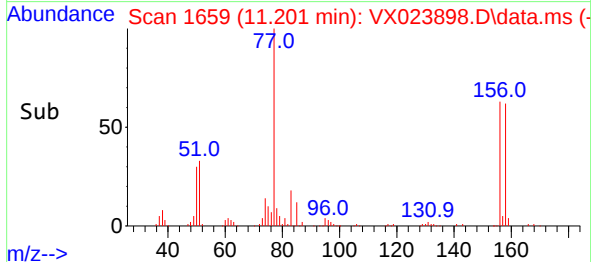
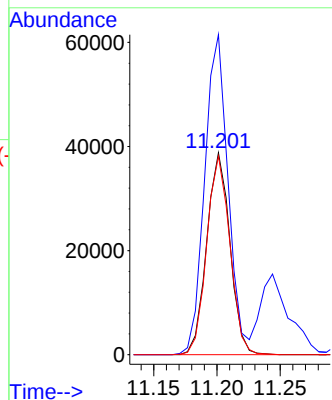
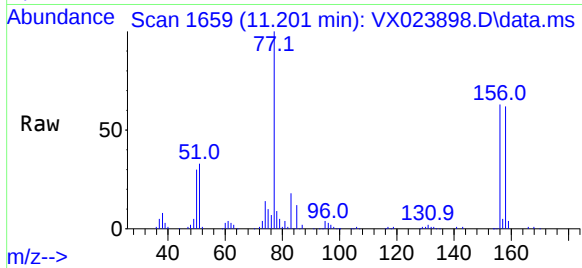
#73
Bromobenzene
Concen: 20.438 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 156 Resp: 49655
Ion Ratio Lower Upper
156 100
77 159.6 0.0 303.2
158 97.9 0.0 197.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

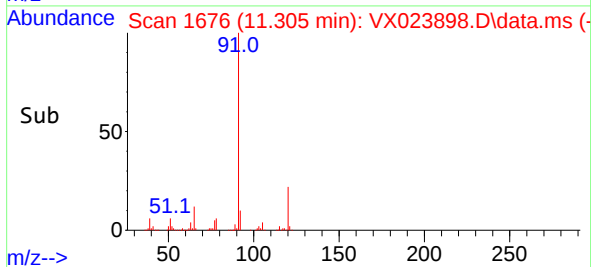
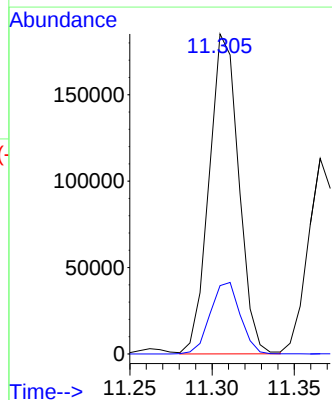
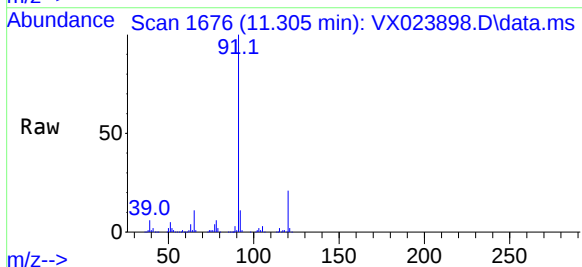
Manual Integrations
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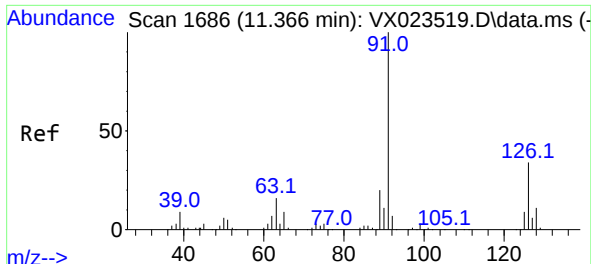
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#74
n-propylbenzene
Concen: 20.078 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 91 Resp: 232017
Ion Ratio Lower Upper
91 100
120 22.7 0.0 46.0





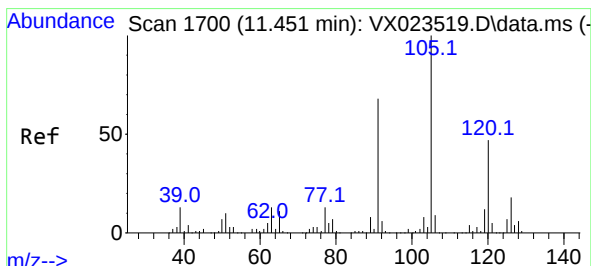
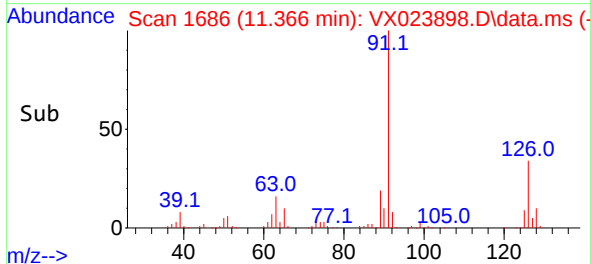
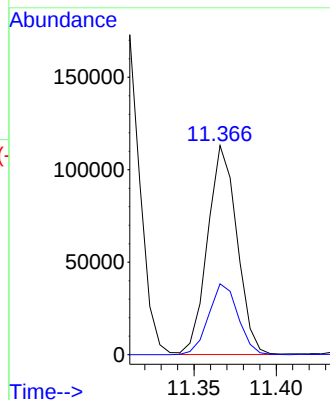
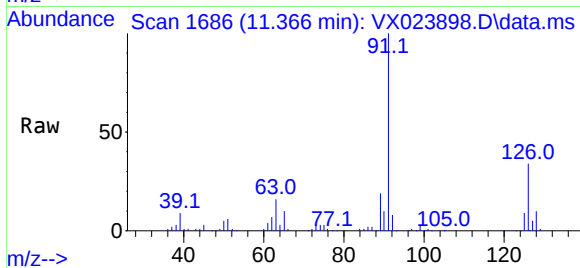
#75
2-Chlorotoluene
Concen: 20.399 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 91 Resp: 140709
Ion Ratio Lower Upper
91 100
126 33.9 0.0 69.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

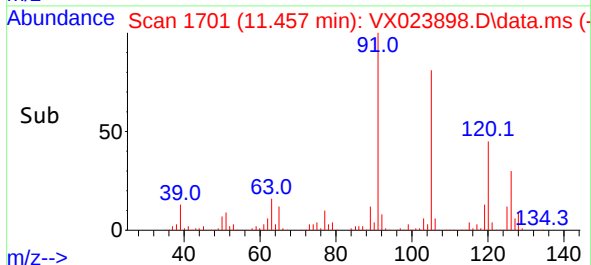
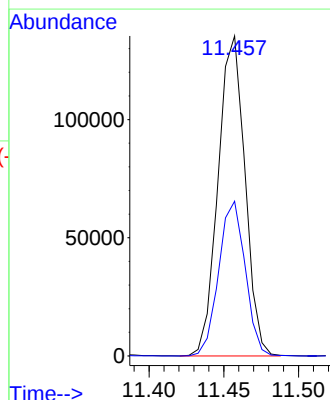
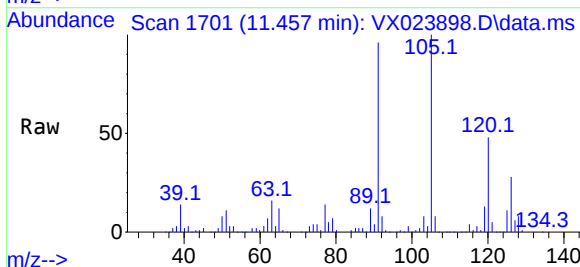
Manual Integrations
APPROVED

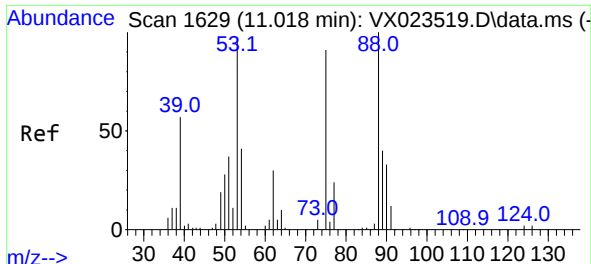
MMDadoda
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#76
1,3,5-Trimethylbenzene
Concen: 20.489 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

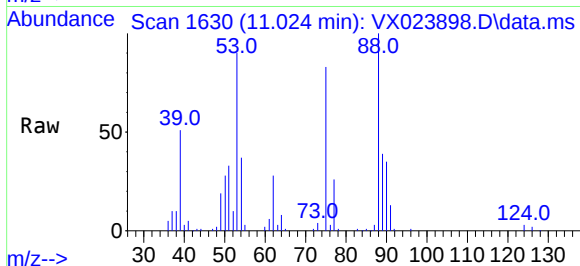
Tgt Ion: 105 Resp: 169566
Ion Ratio Lower Upper
105 100
120 47.7 0.0 98.0





#77
t-1,4-Dichloro-2-butene
Concen: 17.279 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

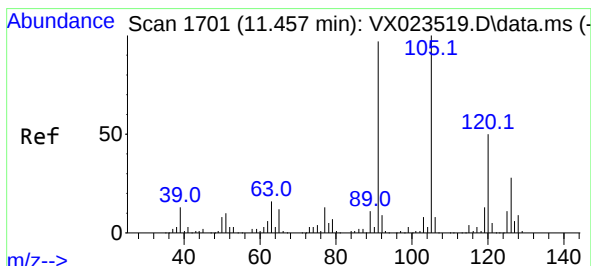
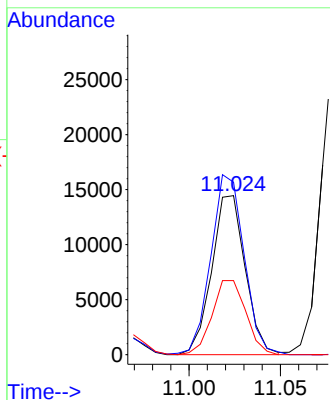
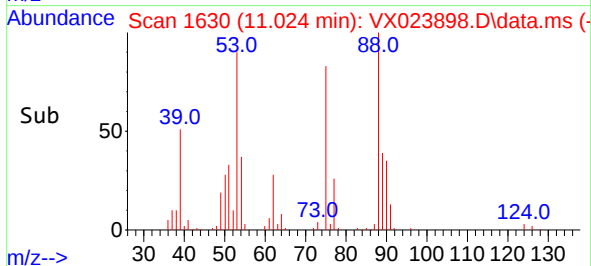
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



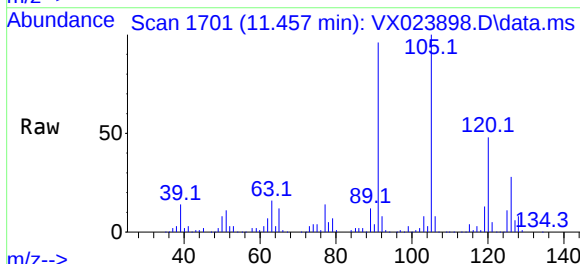
Tgt Ion: 75 Resp: 18509
Ion Ratio Lower Upper
75 100
53 107.5 53.9 161.7
89 46.6 22.9 68.7

Manual Integrations
APPROVED

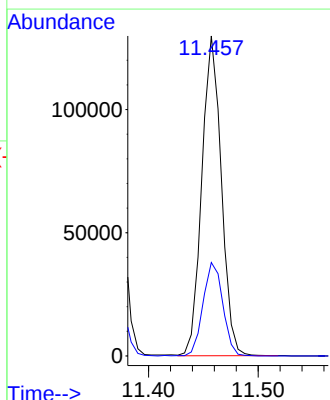
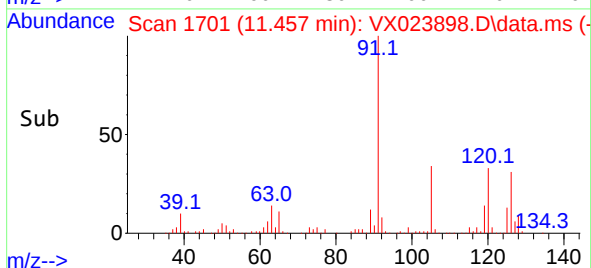
MMDadoda
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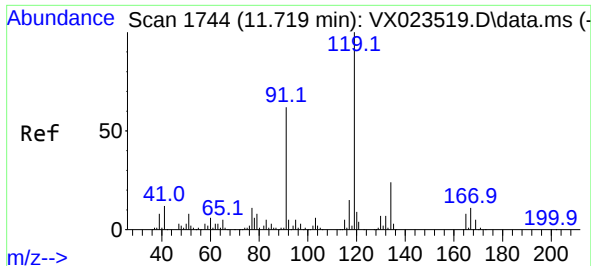


#78
4-Chlorotoluene
Concen: 20.510 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26



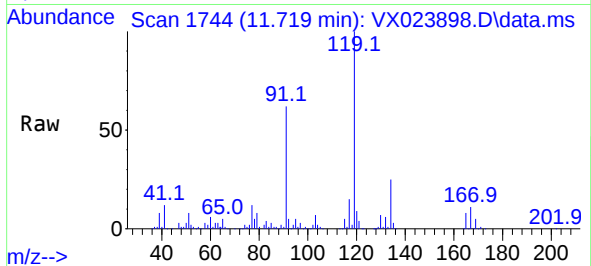
Tgt Ion: 91 Resp: 159858
Ion Ratio Lower Upper
91 100
126 29.7 0.0 59.6





#79
tert-butylbenzene
Concen: 20.660 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

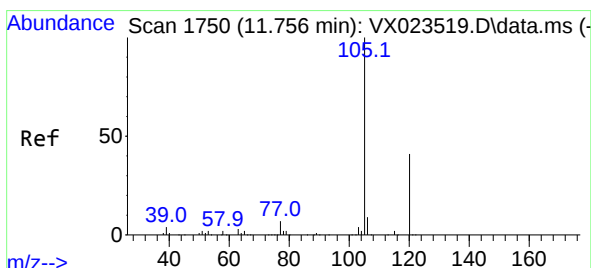
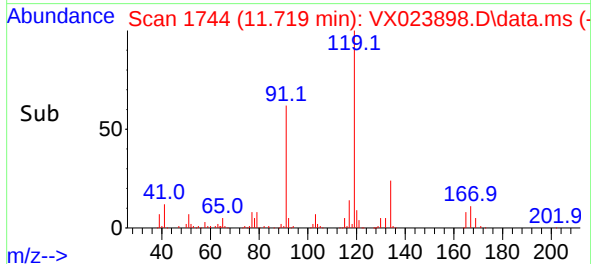
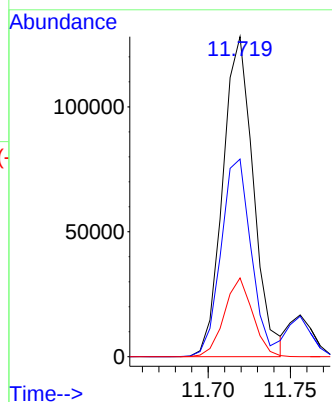
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



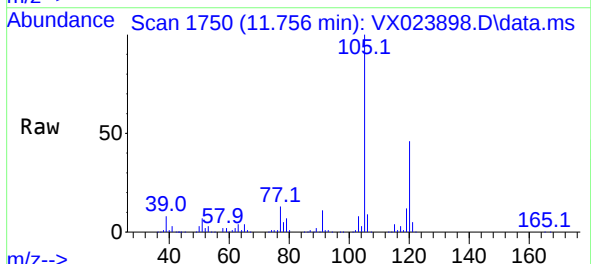
Tgt Ion:119 Resp: 166095
Ion Ratio Lower Upper
119 100
91 60.4 0.0 121.2
134 22.8 0.0 47.4

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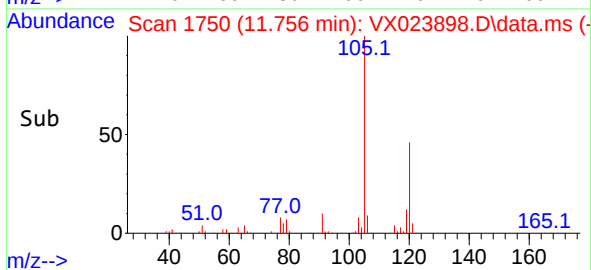
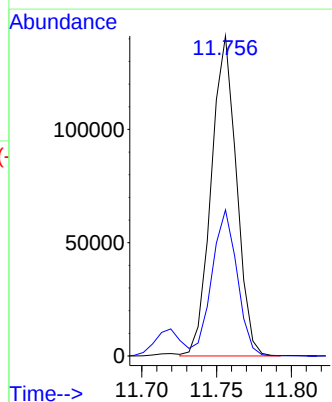
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8/23/2021 11:32:39 AM

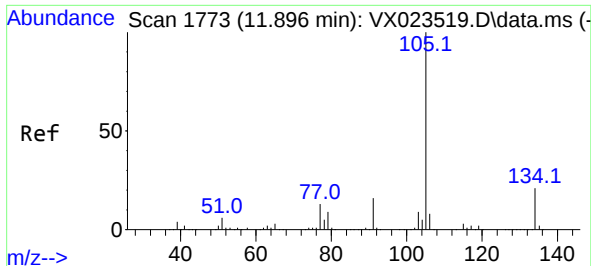


#80
1,2,4-Trimethylbenzene
Concen: 20.222 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26



Tgt Ion:105 Resp: 165850
Ion Ratio Lower Upper
105 100
120 45.4 0.0 90.4





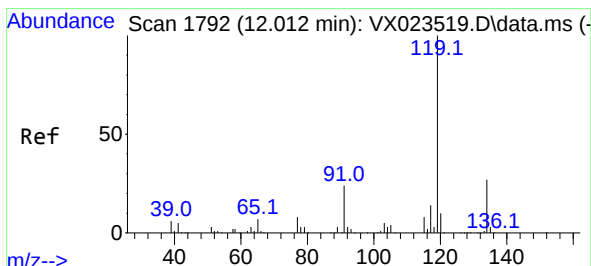
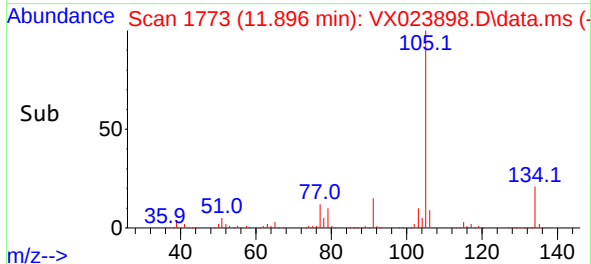
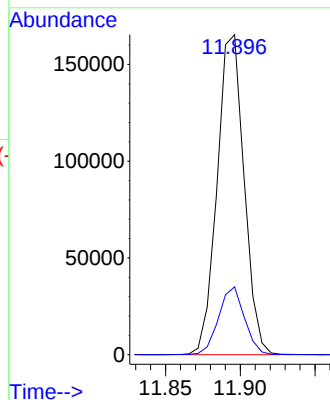
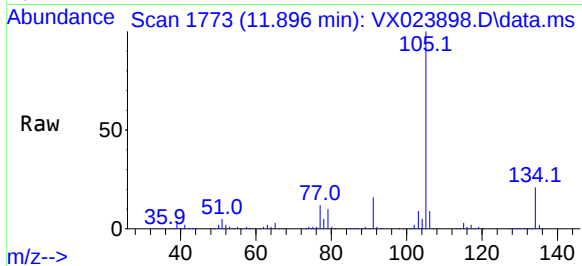
#81
sec-Butylbenzene
Concen: 20.171 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:105 Resp: 207705
Ion Ratio Lower Upper
105 100
134 20.3 0.0 40.2

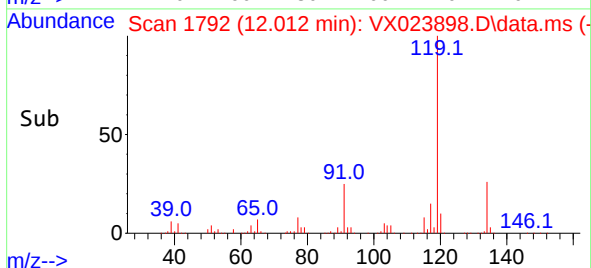
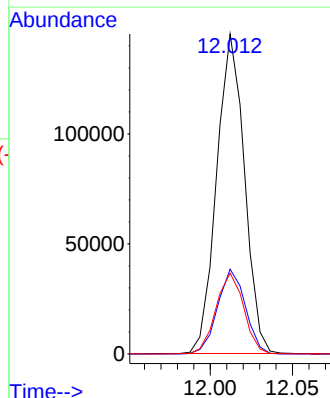
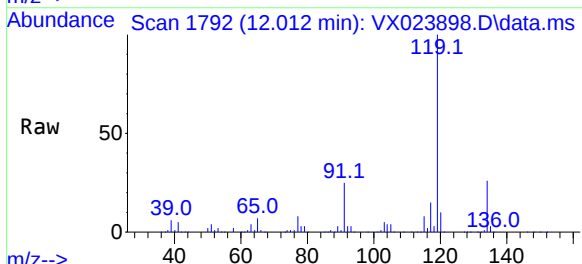
Manual Integrations
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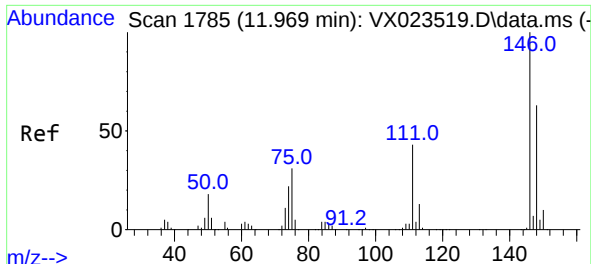
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#82
p-Isopropyltoluene
Concen: 20.165 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion:119 Resp: 170611
Ion Ratio Lower Upper
119 100
134 26.5 0.0 52.8
91 25.3 0.0 48.6





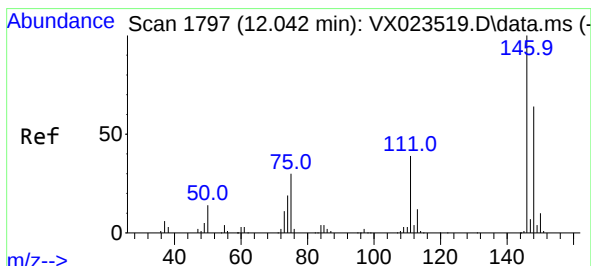
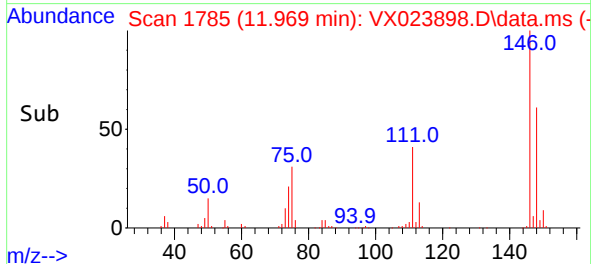
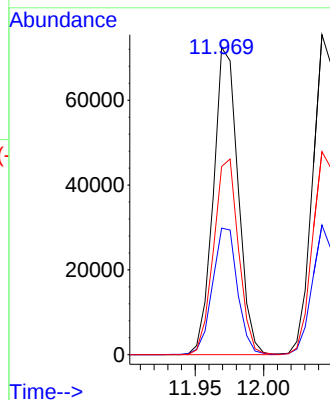
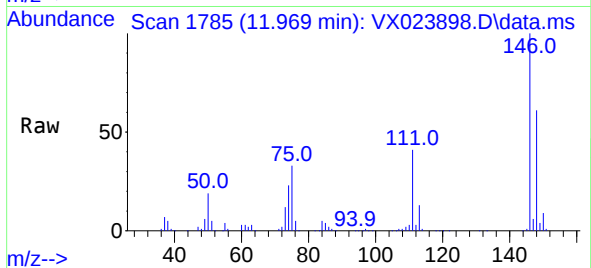
#83
1,3-Dichlorobenzene
Concen: 20.672 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion:146 Resp: 90969
Ion Ratio Lower Upper
146 100
111 41.8 20.1 60.2
148 64.2 31.9 95.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

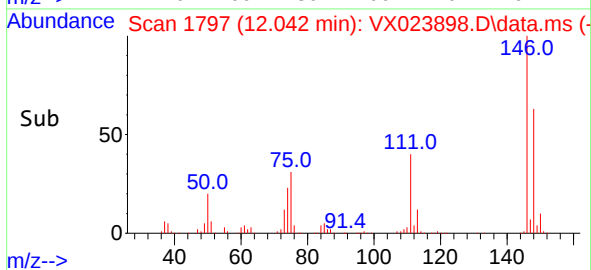
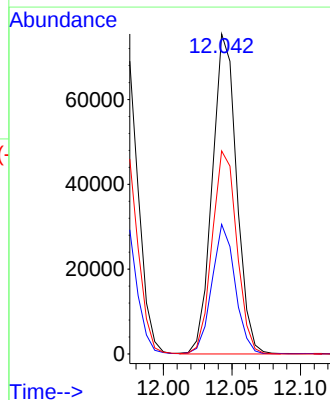
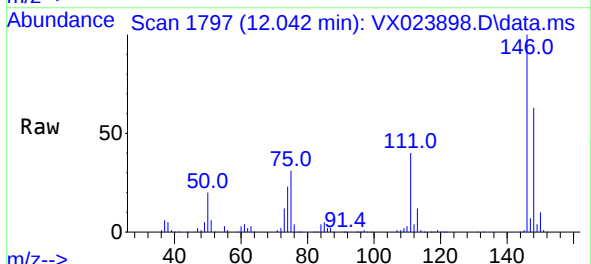
Manual Integrations
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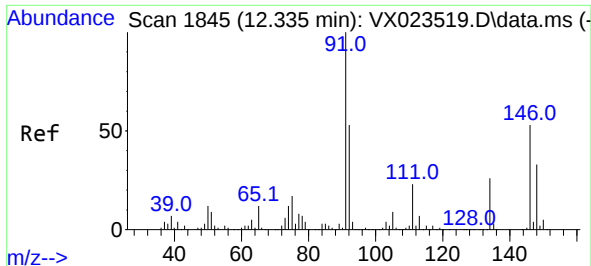
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#84
1,4-Dichlorobenzene
Concen: 21.435 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion:146 Resp: 93234
Ion Ratio Lower Upper
146 100
111 38.7 18.9 56.9
148 64.3 31.4 94.2





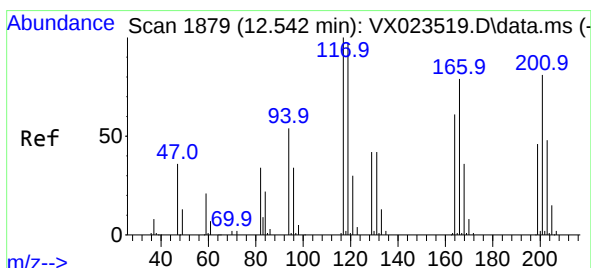
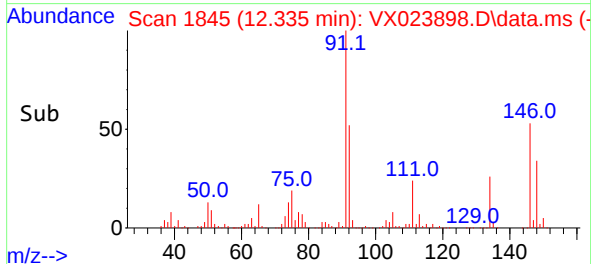
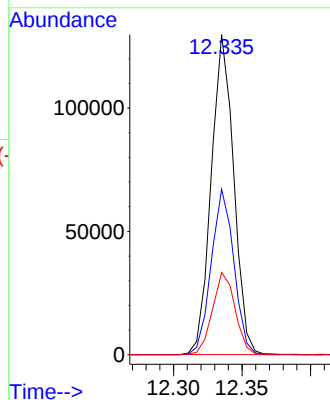
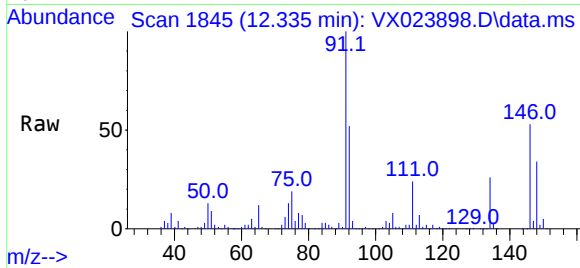
#85
n-Butylbenzene
Concen: 19.805 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 148236
Ion Ratio Lower Upper
91 100
92 52.0 0.0 105.4
134 25.9 0.0 52.4

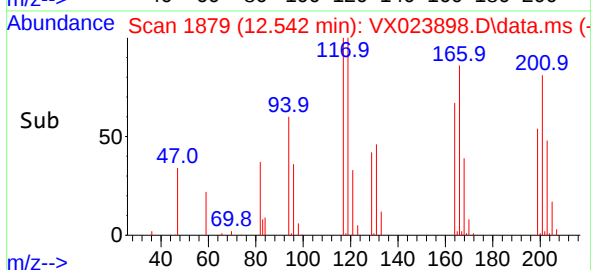
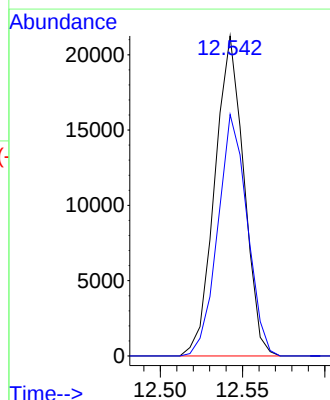
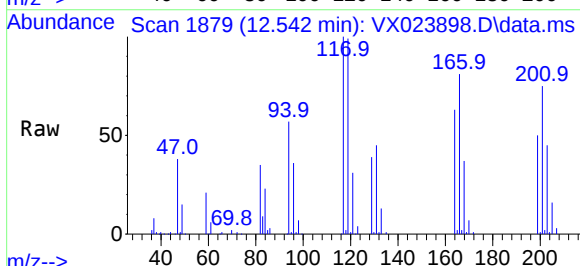
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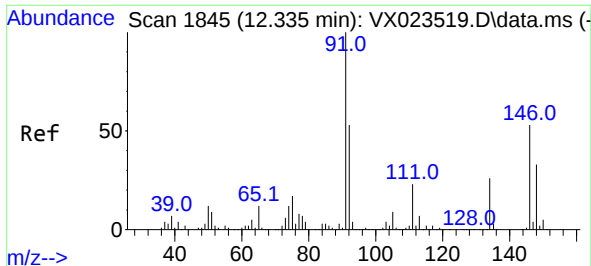
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#86
Hexachloroethane
Concen: 18.959 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 117 Resp: 26070
Ion Ratio Lower Upper
117 100
201 76.5 37.5 112.5





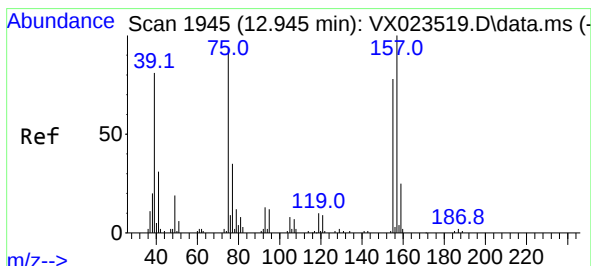
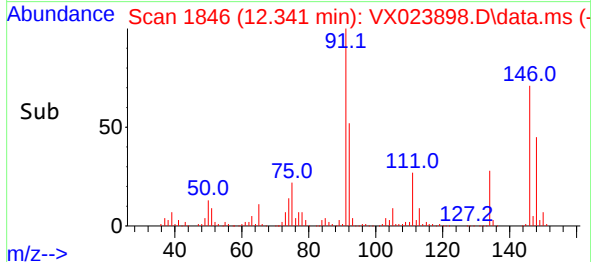
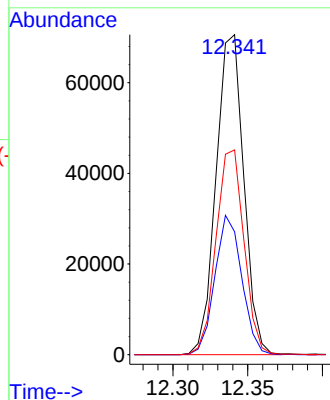
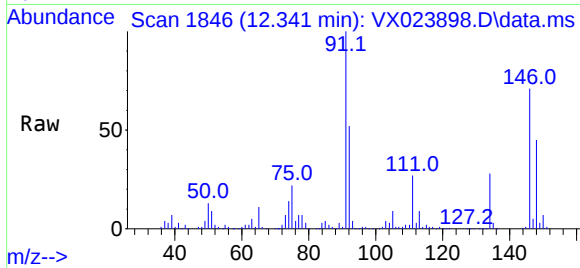
#87
1,2-Dichlorobenzene
Concen: 21.468 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

Tgt Ion: 146 Resp: 91164
Ion Ratio Lower Upper
146 100
111 42.2 20.7 62.1
148 64.5 32.6 97.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

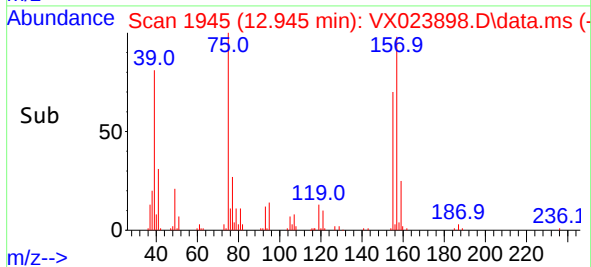
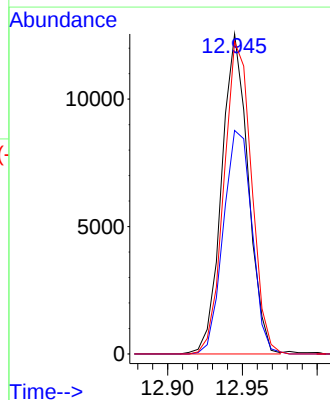
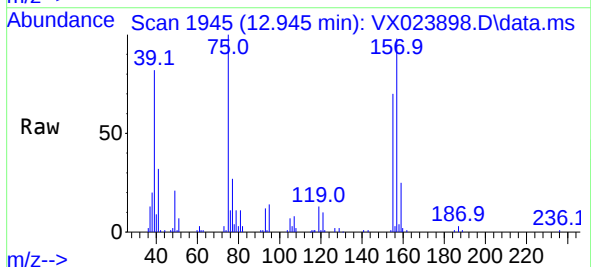
Manual Integrations
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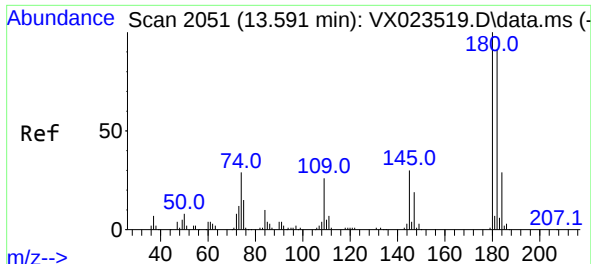
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8/23/2021 11:32:39 AM



#88
1,2-Dibromo-3-Chloropropane
Concen: 22.122 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

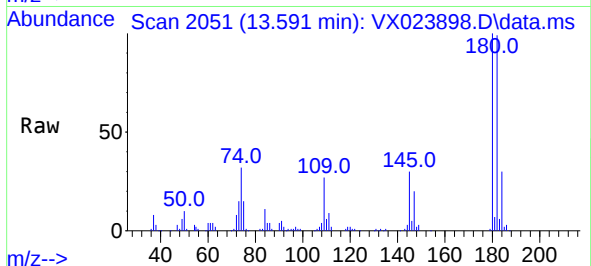
Tgt Ion: 75 Resp: 15511
Ion Ratio Lower Upper
75 100
155 75.1 67.4 101.2
157 101.2 85.8 128.8





#89
1,2,4-Trichlorobenzene
Concen: 21.304 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

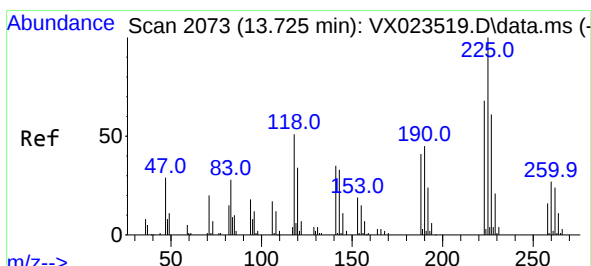
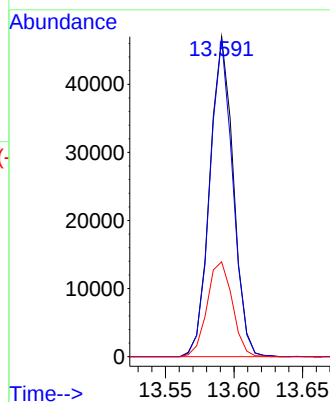
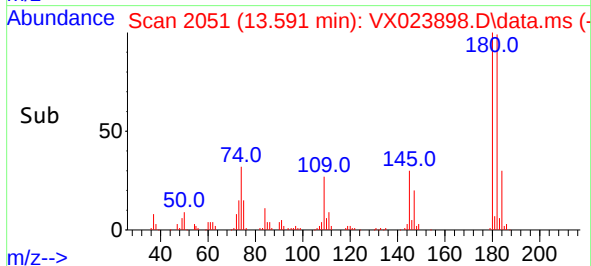
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



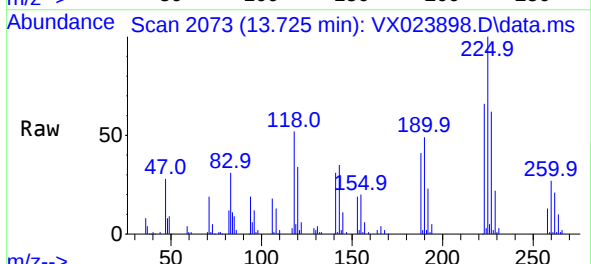
Tgt Ion:180 Resp: 55963
Ion Ratio Lower Upper
180 100
182 96.8 75.9 113.9
145 31.8 24.2 36.4

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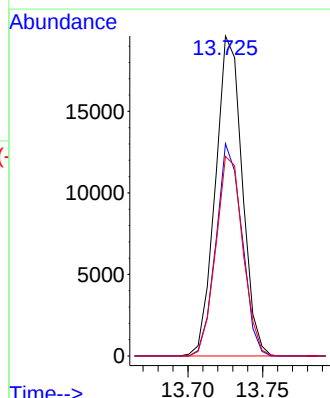
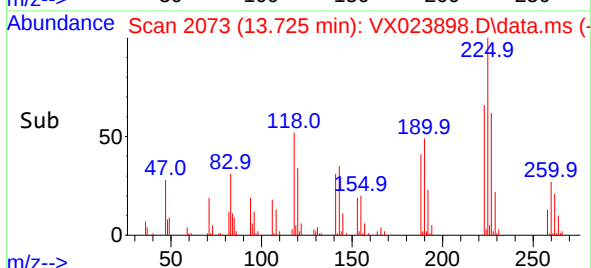
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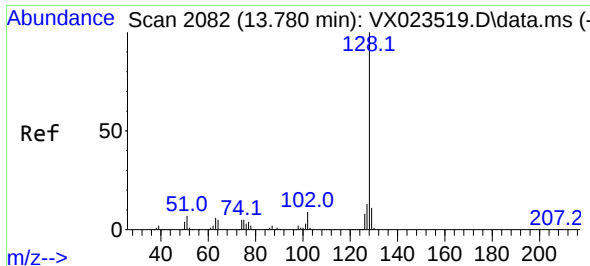


#90
Hexachlorobutadiene
Concen: 20.739 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26



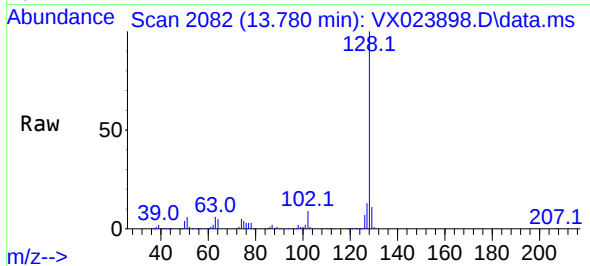
Tgt Ion:225 Resp: 24437
Ion Ratio Lower Upper
225 100
223 64.1 0.0 126.4
227 63.0 0.0 125.0





#91
Naphthalene
Concen: 21.178 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26

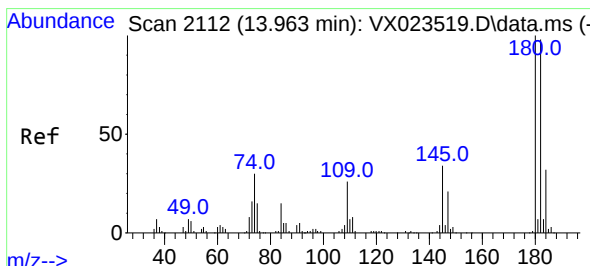
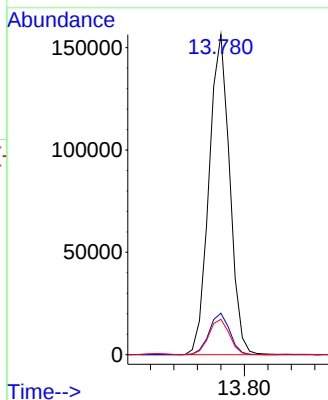
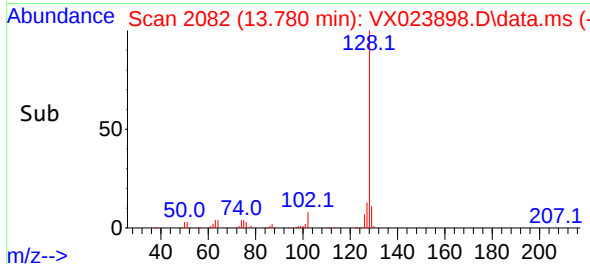
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



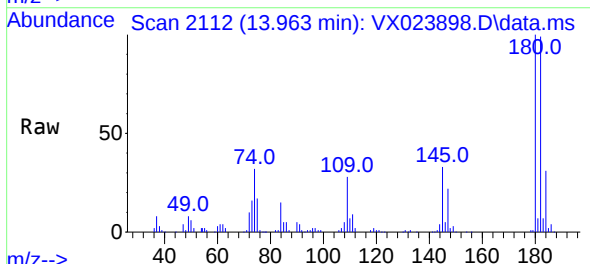
Tgt Ion:128 Resp: 191075
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 11.1 8.6 12.8

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 20.573 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX023898.D
Acq: 20 Aug 2021 23:26



Tgt Ion:180 Resp: 54296
Ion Ratio Lower Upper
180 100
182 99.7 0.0 193.4
145 33.6 0.0 64.4

