

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011321\
 Data File : VN065493.D
 Acq On : 13 Jan 2021 17:30
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

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 1/15/2021 4:13:50 PM

Quant Time: Jan 14 03:54:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jan 14 03:54:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.155	128	42578	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.553	114	219207	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.379	117	198752	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.991	65	81088	26.97	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	89.90%#		
60) 4-Bromofluorobenzene	12.376	95	83428	26.71	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	89.03%		
63) Toluene-d8	10.058	98	266973	30.34	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.13%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.849	85	11445	5.05	ug/l	98
3) Chloromethane	2.055	50	13934	5.27	ug/l	99
4) Vinyl Chloride	2.180	62	15025	5.40	ug/l	100
5) Bromomethane	2.541	94	11422	5.61	ug/l	96
6) Chloroethane	2.685	64	9611	5.36	ug/l	98
7) Trichlorofluoromethane	3.000	101	20106	5.03	ug/l	99
8) Diethyl Ether	3.389	74	7670	5.14	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.724	101	12072	5.39	ug/l	99
10) 1,1-Dichloroethene	3.701	96	12121	5.32	ug/l	96
11) Methyl Iodide	3.914	142	17167	4.99	ug/l	96
12) Methyl Acetate	4.293	43	11521	4.88	ug/l	100
13) Acrolein	3.582	56	10220	30.17	ug/l	100
14) Acrylonitrile	4.949	53	23673	21.64	ug/l	96
15) Acetone	3.791	58	8768	26.16	ug/l	94
16) Carbon Disulfide	4.010	76	28425	4.46	ug/l	100
17) Allyl chloride	4.280	41	16432	4.26	ug/l	100
18) Methylene Chloride	4.508	84	13752	5.29	ug/l	95
19) trans-1,2-Dichloroethene	4.991	96	12036	4.88	ug/l	88
20) Diisopropyl ether	5.920	45	34054	4.34	ug/l	99
21) 1,1-Dichloroethane	5.804	63	20931	4.71	ug/l	98
22) cis-1,2-Dichloroethene	6.788	96	13487	4.77	ug/l	97
23) tert-Butyl Alcohol	4.775	59	7977	17.92	ug/l #	100
24) Methyl tert-Butyl Ether	5.010	73	32898	4.27	ug/l	99
25) Chloroform	7.331	83	21966	4.80	ug/l	96
26) Cyclohexane	7.614	56	16963	4.39	ug/l #	99
29) 1,1-Dichloropropene	7.756	75	15691	4.90	ug/l	98
30) 2-Butanone	6.804	43	31304	21.85	ug/l #	96
31) 2,2-Dichloropropane	6.782	77	16299	4.26	ug/l	100
32) 1,1,1-Trichloroethane	7.531	97	17723	4.62	ug/l	99
33) Carbon Tetrachloride	7.733	117	15011	4.46	ug/l	91
34) Benzene	8.007	78	48900	5.11	ug/l #	80
35) Methacrylonitrile	7.135	41	5587	4.12	ug/l	95
36) 1,2-Dichloroethane	8.087	62	16492	4.73	ug/l	99
37) Trichloroethene	8.804	130	14675	5.34	ug/l	98
38) Methylcyclohexane	9.045	83	17516	4.52	ug/l	98
39) 1,2-Dichloropropane	9.087	63	12531	5.02	ug/l	97
40) Dibromomethane	9.177	93	8280	4.93	ug/l	97
41) Bromodichloromethane	9.370	83	15515	4.42	ug/l	98
42) Vinyl Acetate	5.856	43	130819	21.01	ug/l	99

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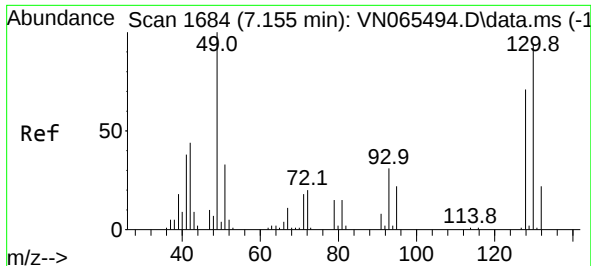
Manual Integrations
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Quant Time: Jan 14 03:54:41 2021
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.897	43	13476	4.73	ug/l #	87
44) Isopropyl Acetate	8.132	43	21593	4.07	ug/l	95
45) 1,4-Dioxane	9.177	88	3239	81.19	ug/l	95
46) Methyl methacrylate	9.171	41	10504	4.16	ug/l	98
47) n-amyl Acetate	12.045	43	15750	3.54	ug/l	96
48) t-1,3-Dichloropropene	10.354	75	15994	4.09	ug/l	100
49) cis-1,3-Dichloropropene	9.807	75	18138	4.34	ug/l	99
50) 1,1,2-Trichloroethane	10.534	97	12096	5.08	ug/l	98
51) Ethyl methacrylate	10.402	69	14937	4.10	ug/l	98
52) 1,3-Dichloropropane	10.679	76	20151	5.08	ug/l	100
53) Dibromochloromethane	10.875	129	11799	4.23	ug/l	99
54) 1,2-Dibromoethane	10.978	107	12869	5.05	ug/l	96
55) 2-Chloroethyl vinyl ether	9.666	63	33759	18.63	ug/l	98
56) Bromoform	12.100	173	8736	4.05	ug/l #	94
58) 4-Methyl-2-Pentanone	9.955	43	64847	21.73	ug/l	99
59) 2-Hexanone	10.724	43	44892	20.58	ug/l	97
61) Tetrachloroethene	10.601	164	17823	5.92	ug/l	98
62) Toluene	10.126	91	53314	5.06	ug/l	99
64) Chlorobenzene	11.405	112	34078	5.20	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.482	131	12212	4.74	ug/l	98
66) Ethyl Benzene	11.482	91	54504	4.66	ug/l	99
67) m/p-Xylenes	11.592	106	41321	9.31	ug/l	99
68) o-Xylene	11.920	106	20039	4.67	ug/l	98
69) Styrene	11.939	104	31302	4.34	ug/l	99
70) Isopropylbenzene	12.222	105	52313	4.58	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.479	83	15381	4.91	ug/l	99
72) 1,2,3-Trichloropropane	12.531	75	14332m	4.61	ug/l	
73) Bromobenzene	12.502	156	15322	5.06	ug/l	98
74) n-propylbenzene	12.566	91	57043	4.40	ug/l	99
75) 2-Chlorotoluene	12.650	91	35211	4.57	ug/l	99
76) 1,3,5-Trimethylbenzene	12.707	105	44019	4.51	ug/l	99
77) t-1,4-Dichloro-2-butene	12.277	75	3918	3.26	ug/l	92
78) 4-Chlorotoluene	12.749	91	33009	4.22	ug/l	100
79) tert-butylbenzene	12.968	119	38029	4.58	ug/l	99
80) 1,2,4-Trimethylbenzene	13.013	105	41777	4.32	ug/l	100
81) sec-Butylbenzene	13.145	105	48191	4.42	ug/l	98
82) p-Isopropyltoluene	13.264	119	42923	4.26	ug/l	100
83) 1,3-Dichlorobenzene	13.257	146	21995	4.38	ug/l	99
84) 1,4-Dichlorobenzene	13.341	146	20872	4.21	ug/l	100
85) n-Butylbenzene	13.588	91	31864	3.77	ug/l	99
86) Hexachloroethane	13.849	117	6410	3.57	ug/l	97
87) 1,2-Dichlorobenzene	13.630	146	22210	4.55	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.244	75	2013	3.18	ug/l	94
89) 1,2,4-Trichlorobenzene	14.884	180	6979	2.74	ug/l	90
90) Hexachlorobutadiene	14.984	225	8709	5.06	ug/l	99
91) Naphthalene	15.106	128	15768	2.36	ug/l	99
92) 1,2,3-Trichlorobenzene	15.286	180	7426	3.06	ug/l	97

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



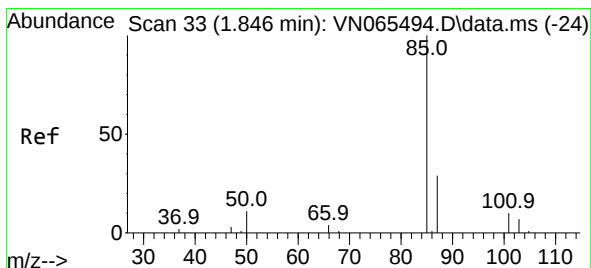
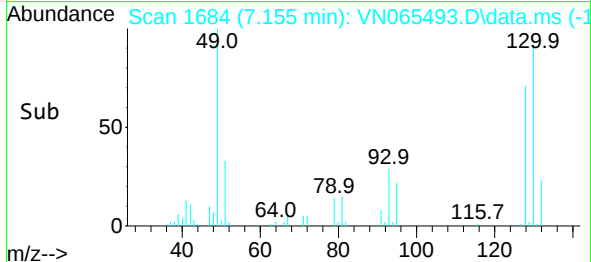
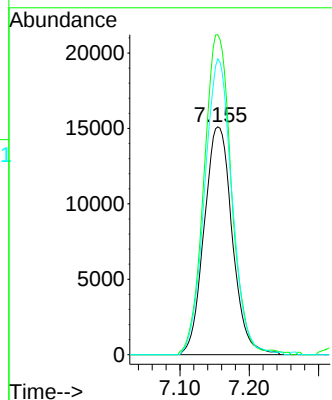
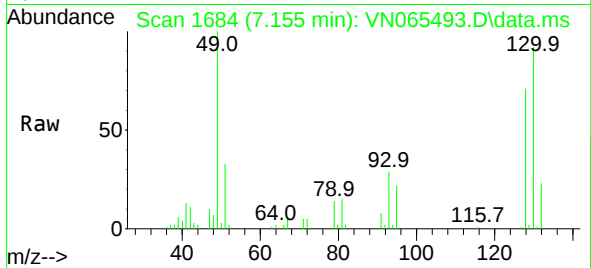
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Bromochloromethane
Concen: 30.00 ug/l
RT: 7.155 min Scan# 1684
Delta R.T. -0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion: 128 Resp: 42578
Ion Ratio Lower Upper
128 100
49 137.0 0.0 355.0
130 126.9 0.0 325.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

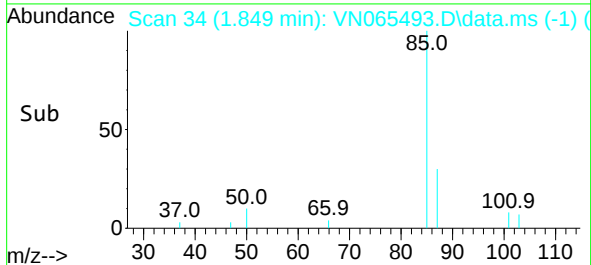
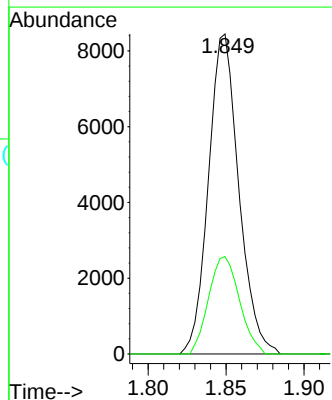
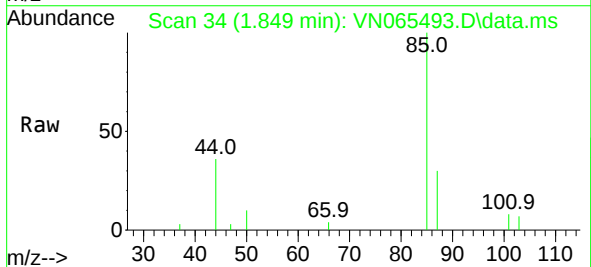
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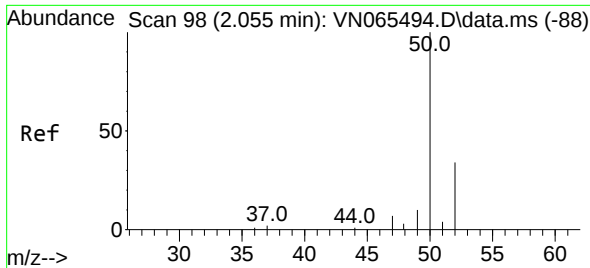
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#2
Dichlorodifluoromethane
Concen: 5.05 ug/l
RT: 1.849 min Scan# 34
Delta R.T. 0.003 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion: 85 Resp: 11445
Ion Ratio Lower Upper
85 100
87 30.4 14.6 43.8





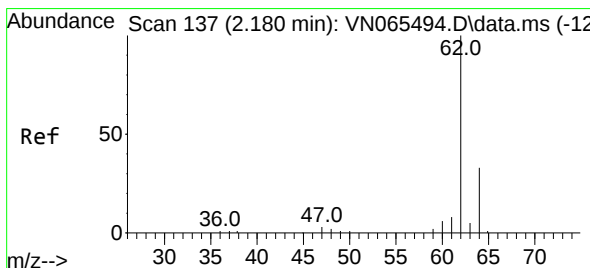
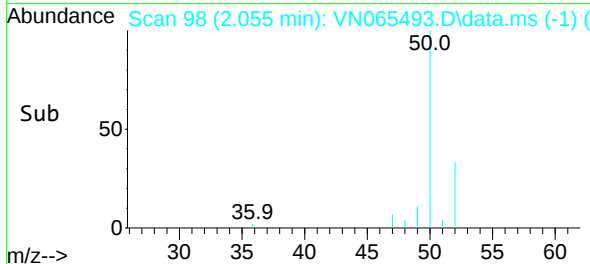
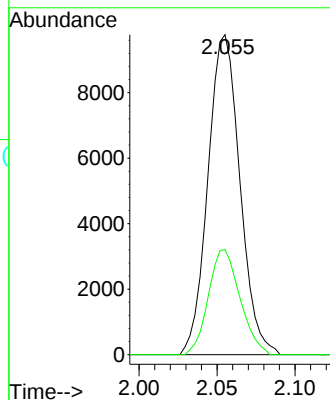
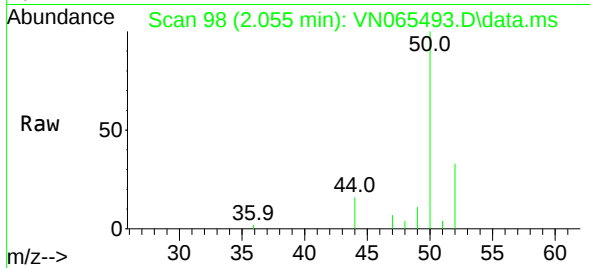
#3
Chloromethane
Concen: 5.27 ug/l
RT: 2.055 min Scan# 98
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion: 50 Resp: 13934
Ion Ratio Lower Upper
50 100
52 32.9 26.8 40.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

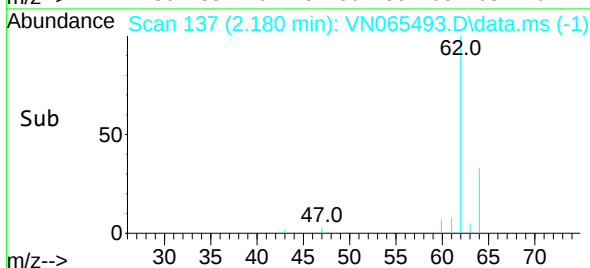
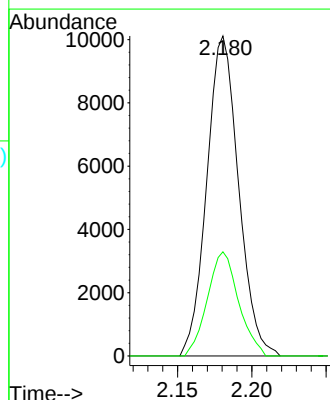
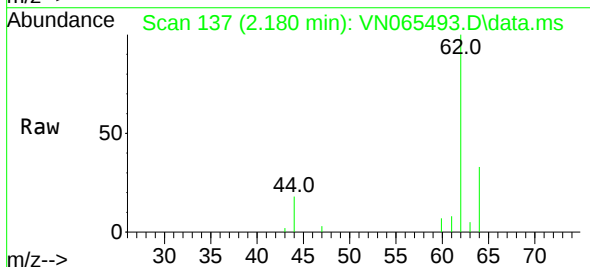
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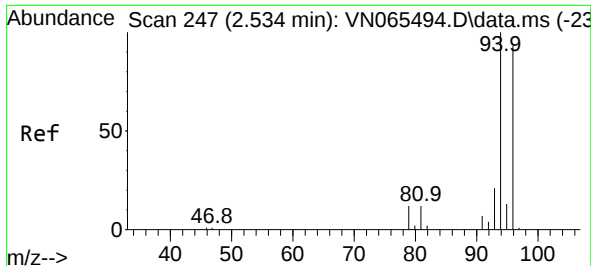
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1/15/2021 4:13:50 PM



#4
Vinyl Chloride
Concen: 5.40 ug/l
RT: 2.180 min Scan# 137
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

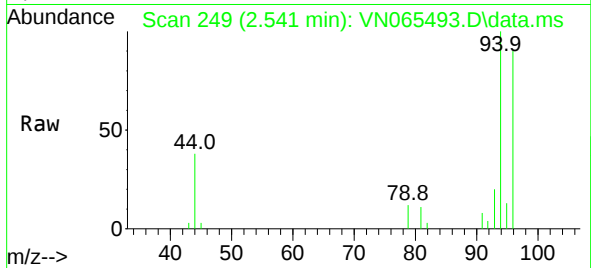
Tgt Ion: 62 Resp: 15025
Ion Ratio Lower Upper
62 100
64 32.6 26.2 39.4





#5
Bromomethane
Concen: 5.61 ug/l
RT: 2.541 min Scan# 249
Delta R.T. 0.006 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

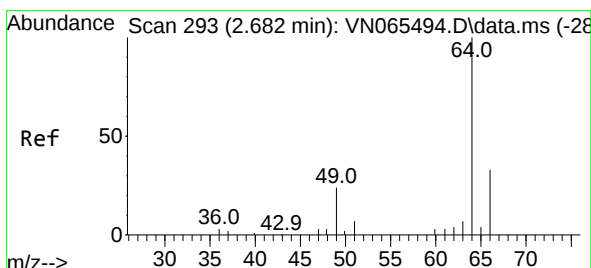
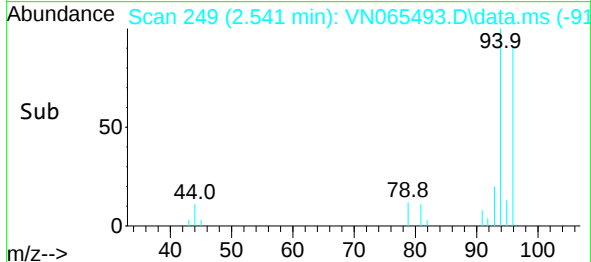
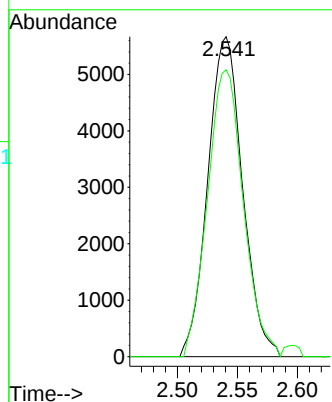
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 11422
Ion Ratio Lower Upper
94 100
96 89.6 74.6 111.8

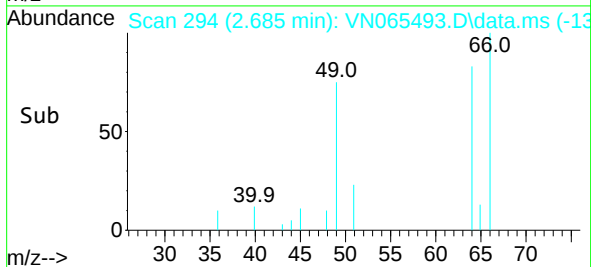
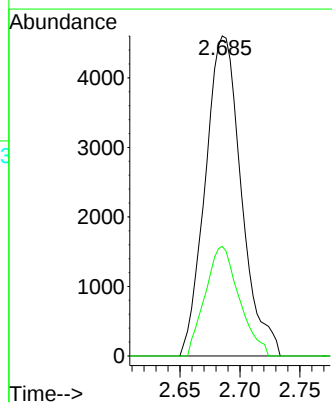
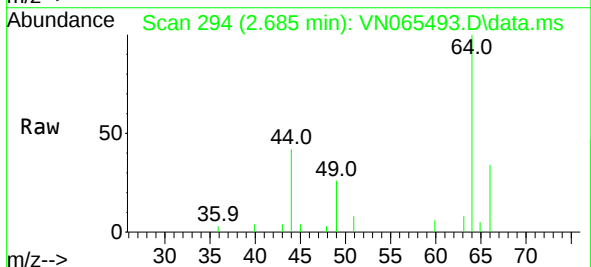
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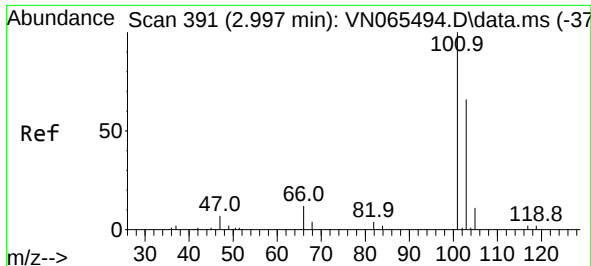
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#6
Chloroethane
Concen: 5.36 ug/l
RT: 2.685 min Scan# 294
Delta R.T. 0.003 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion: 64 Resp: 9611
Ion Ratio Lower Upper
64 100
66 34.3 26.3 39.5





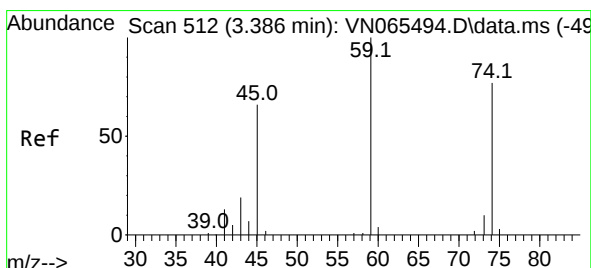
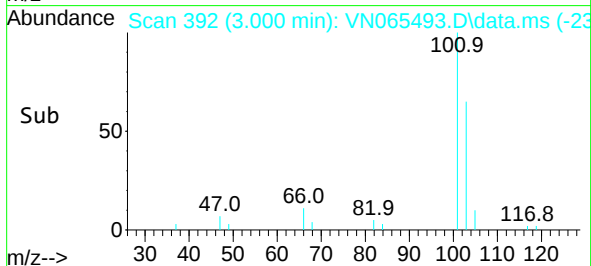
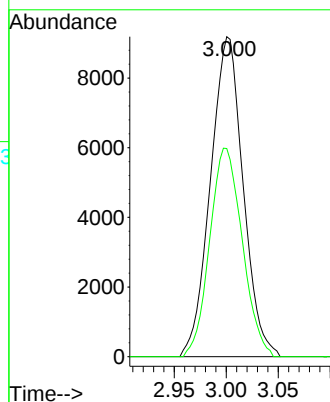
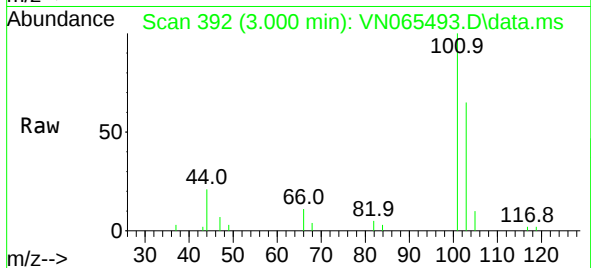
#7
Trichlorofluoromethane
Concen: 5.03 ug/l
RT: 3.000 min Scan# 392
Delta R.T. 0.003 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion:101 Resp: 20106
Ion Ratio Lower Upper
101 100
103 65.0 52.6 78.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

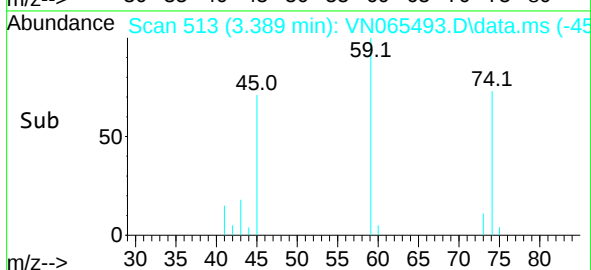
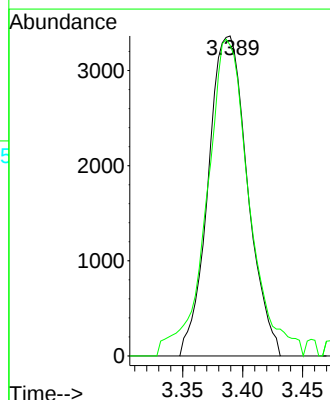
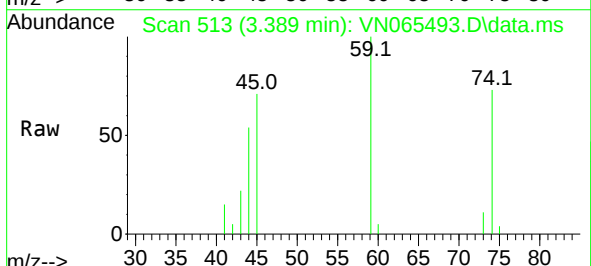
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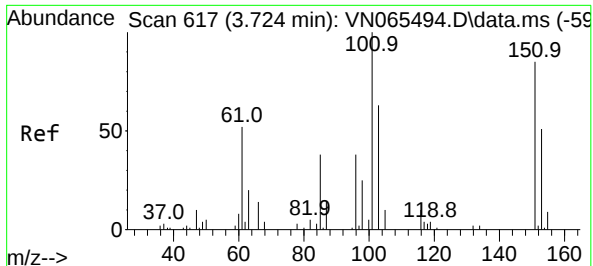
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1/15/2021 4:13:50 PM



#8
Diethyl Ether
Concen: 5.14 ug/l
RT: 3.389 min Scan# 513
Delta R.T. 0.003 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion: 74 Resp: 7670
Ion Ratio Lower Upper
74 100
45 106.2 18.5 166.9





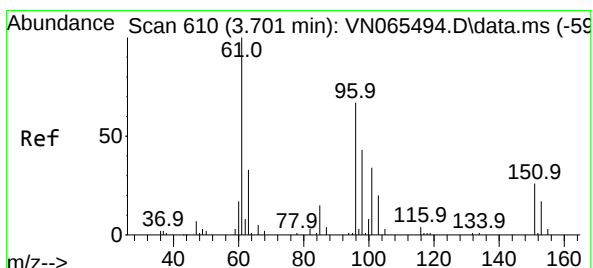
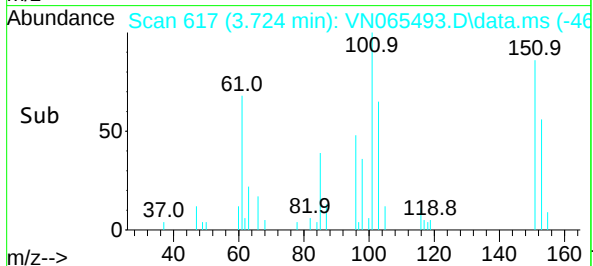
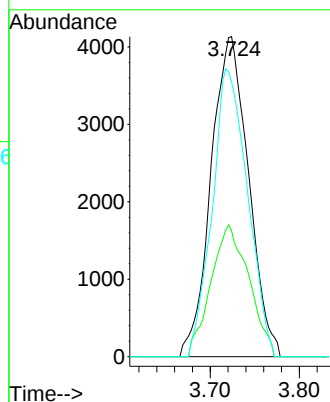
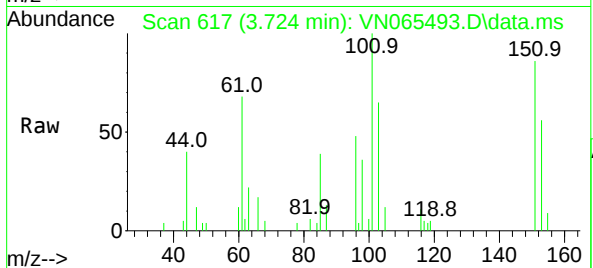
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1,1,2-Trichlorotrifluoroethane
Concen: 5.39 ug/l
RT: 3.724 min Scan# 617
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion: 101 Resp: 12072
Ion Ratio Lower Upper
101 100
85 41.6 0.0 80.6
151 84.6 0.0 169.2

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

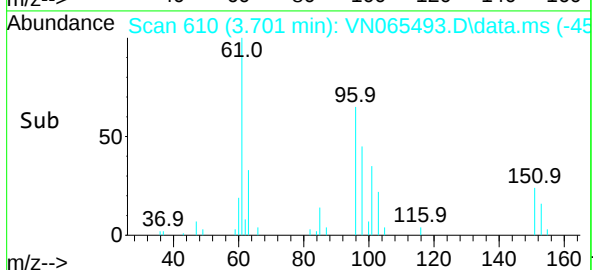
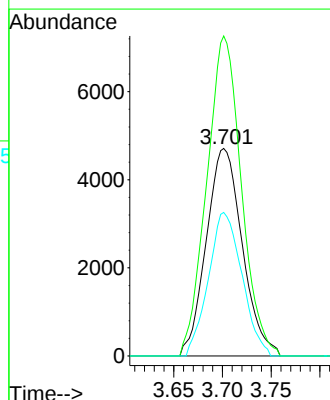
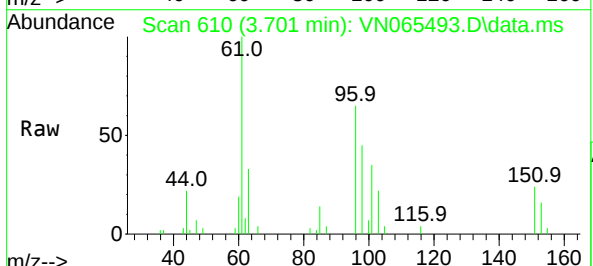
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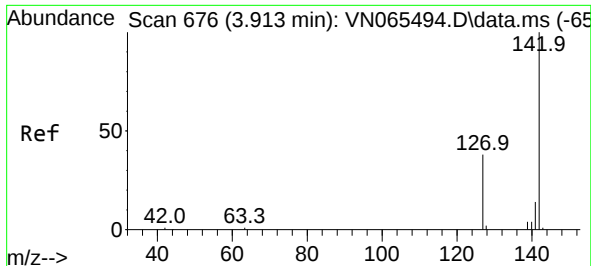
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#10
1,1-Dichloroethene
Concen: 5.32 ug/l
RT: 3.701 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

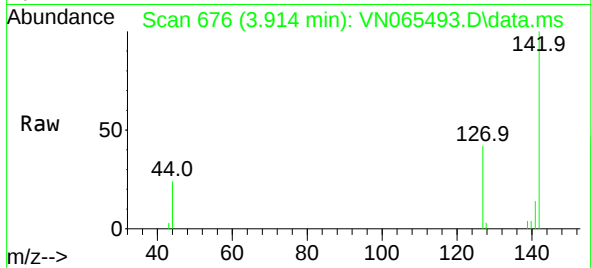
Tgt Ion: 96 Resp: 12121
Ion Ratio Lower Upper
96 100
61 154.2 119.9 179.9
98 69.2 51.2 76.8





#11
Methyl Iodide
Concen: 4.99 ug/l
RT: 3.914 min Scan# 676
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

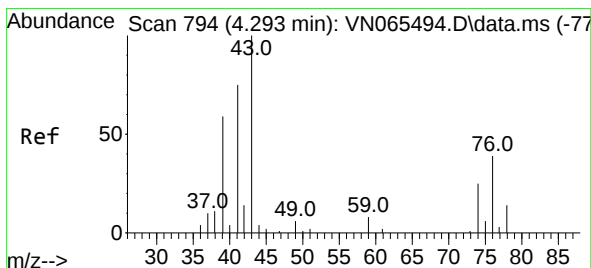
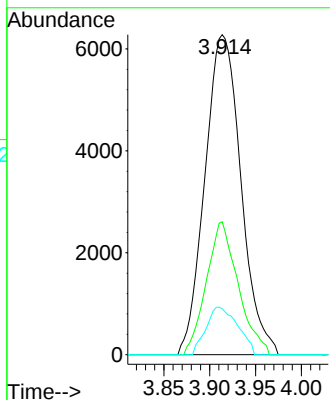
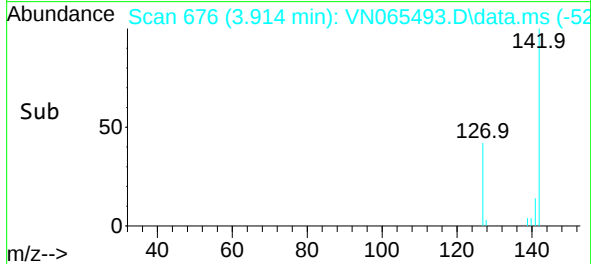
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005



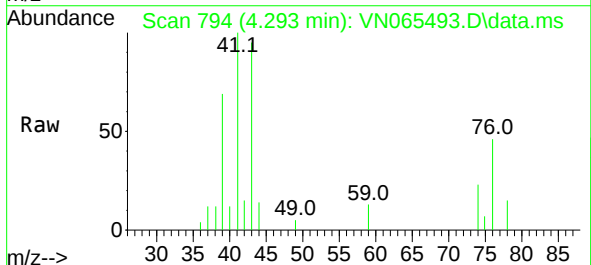
Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.6	19.1	57.5
141	14.4	7.0	20.9

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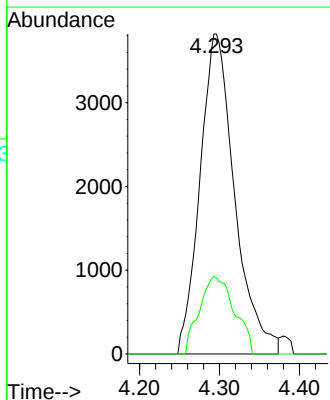
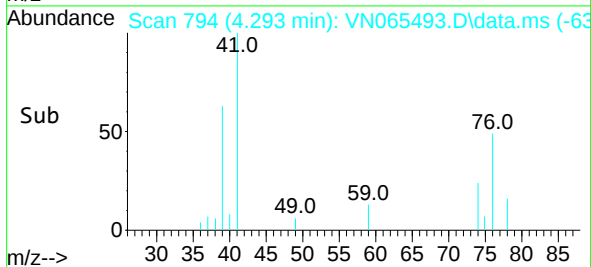
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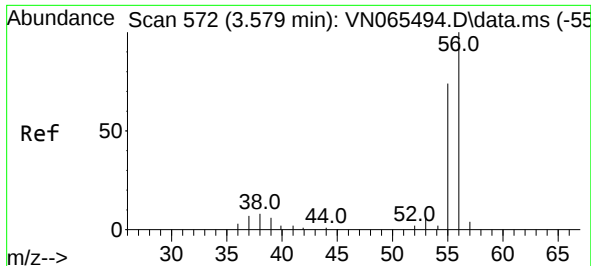


#12
Methyl Acetate
Concen: 4.88 ug/l
RT: 4.293 min Scan# 794
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

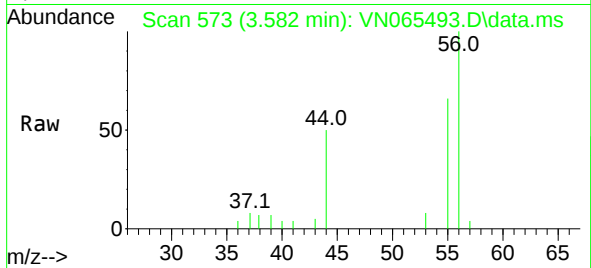


Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	19.9	29.9

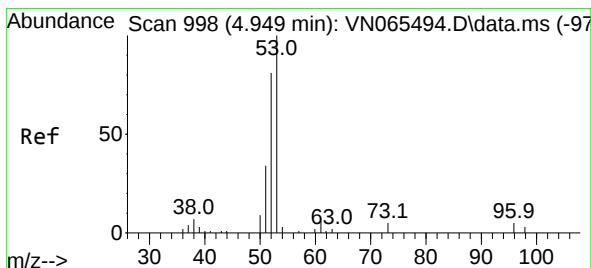
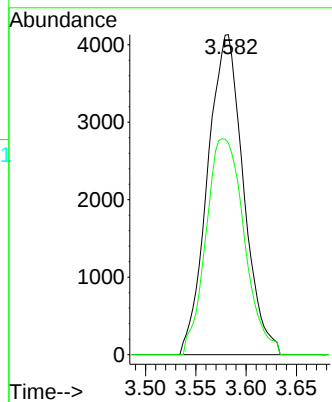
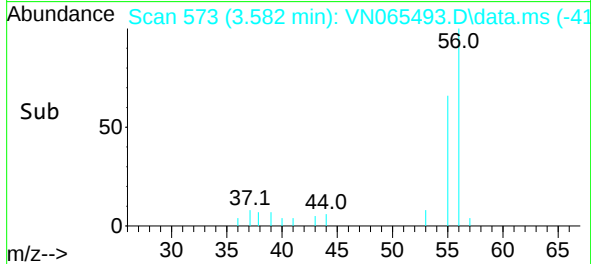




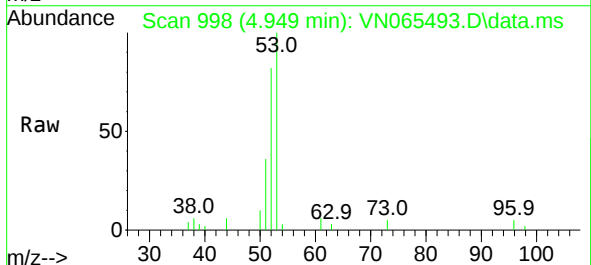
#13
Acrolein
Concen: 30.17 ug/l
RT: 3.582 min Scan# 573
Delta R.T. 0.003 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30



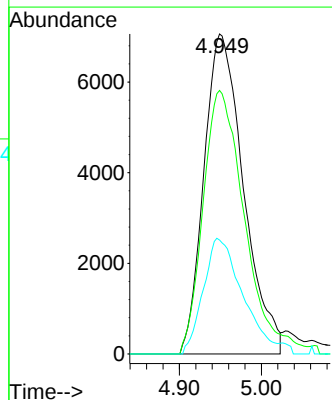
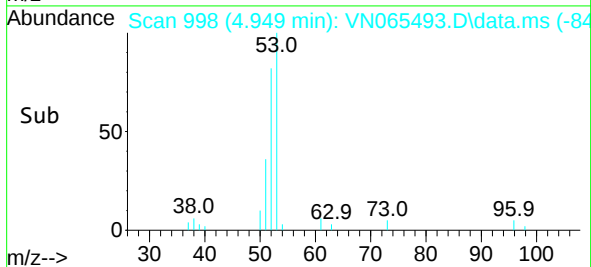
Tgt Ion: 56 Resp: 10220
Ion Ratio Lower Upper
56 100
55 72.1 57.7 86.5



#14
Acrylonitrile
Concen: 21.64 ug/l
RT: 4.949 min Scan# 998
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30



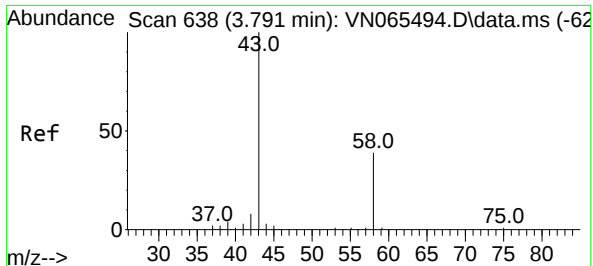
Tgt Ion: 53 Resp: 23673
Ion Ratio Lower Upper
53 100
52 86.3 40.7 122.1
51 35.7 18.3 54.8



Instrument :
MSVOA_N
ClientSampled :
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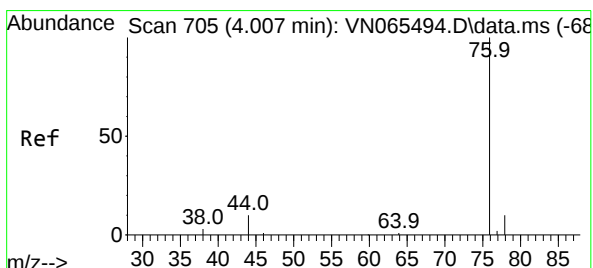
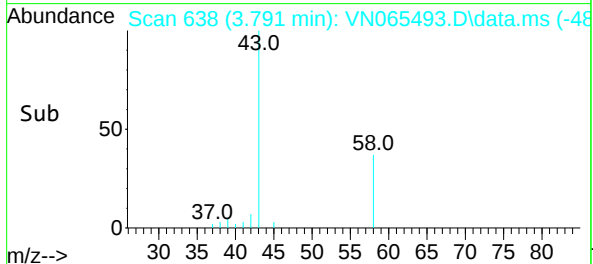
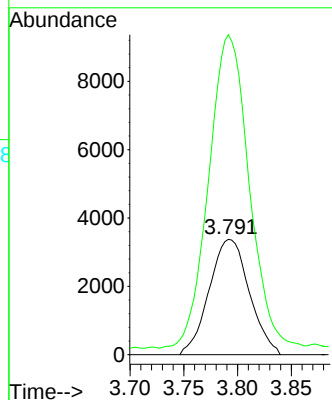
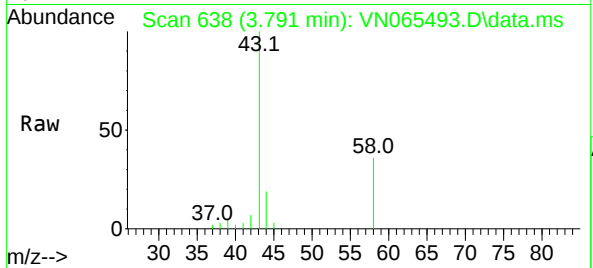
#15
Acetone
Concen: 26.16 ug/l
RT: 3.791 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion: 58 Resp: 8768
Ion Ratio Lower Upper
58 100
43 264.5 203.4 305.0

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

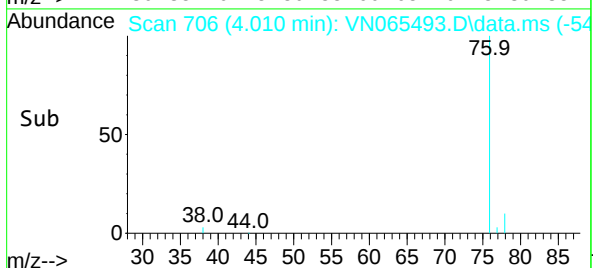
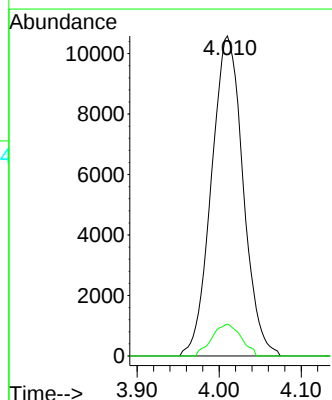
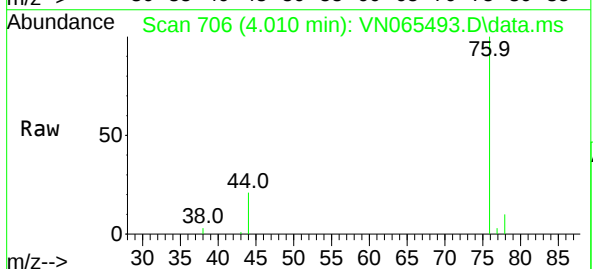
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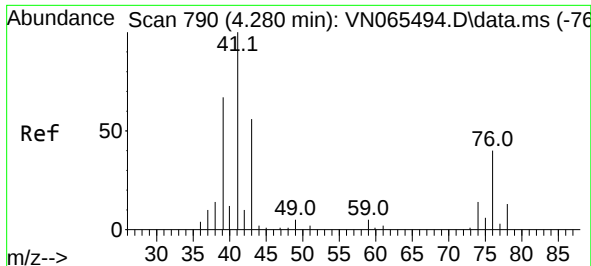
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#16
Carbon Disulfide
Concen: 4.46 ug/l
RT: 4.010 min Scan# 706
Delta R.T. 0.003 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion: 76 Resp: 28425
Ion Ratio Lower Upper
76 100
78 10.0 7.8 11.8





#17

Allyl chloride

Concen: 4.26 ug/l

RT: 4.280 min Scan# 790

Delta R.T. 0.000 min

Lab File: VN065493.D

Acq: 13 Jan 2021 17:30

Tgt Ion:	41	Resp:	16432
Ion	Ratio	Lower	Upper
41	100		
39	66.5	33.5	100.5
76	40.3	20.3	60.8

Instrument :

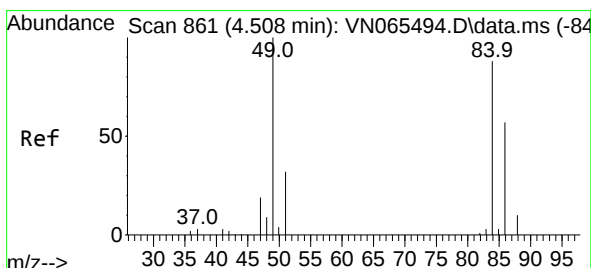
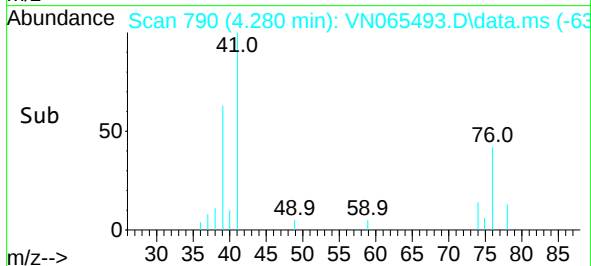
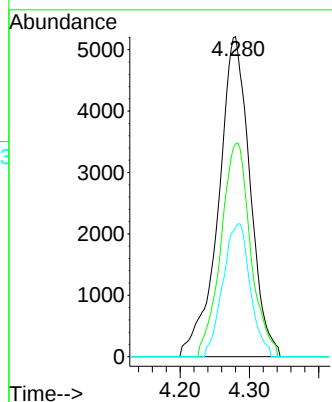
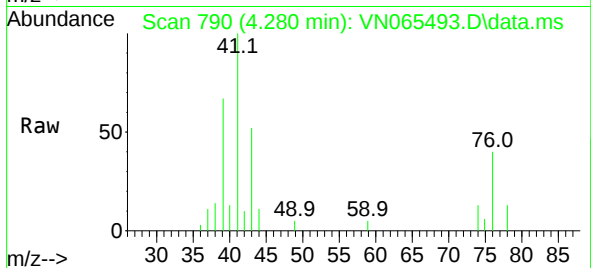
MSVOA_N

ClientSampleId :

VSTDIC005

Manual Integrations
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1/15/2021 4:13:50 PM



#18

Methylene Chloride

Concen: 5.29 ug/l

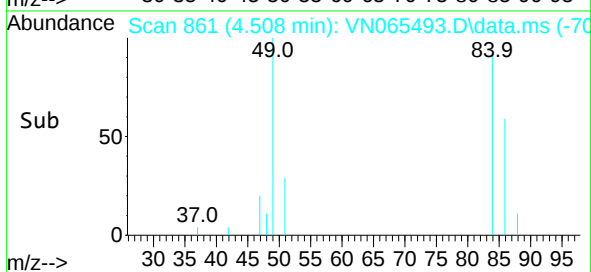
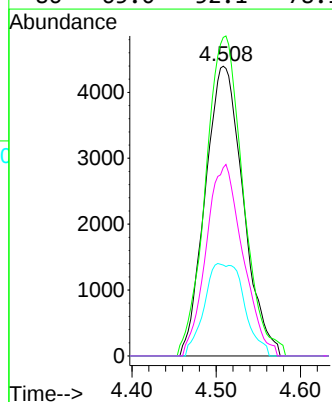
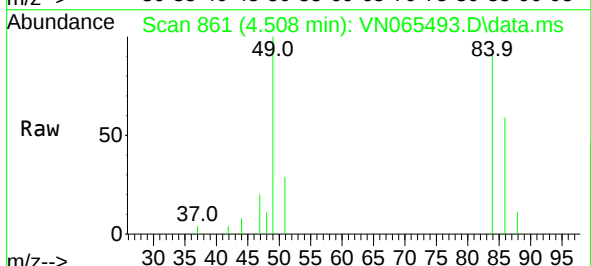
RT: 4.508 min Scan# 861

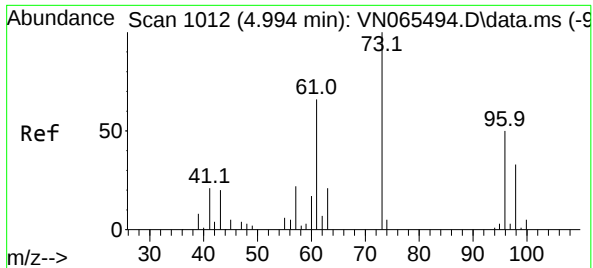
Delta R.T. 0.000 min

Lab File: VN065493.D

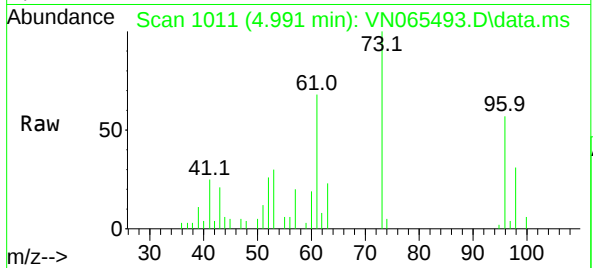
Acq: 13 Jan 2021 17:30

Tgt Ion:	84	Resp:	13752
Ion	Ratio	Lower	Upper
84	100		
49	106.3	91.3	136.9
51	31.3	28.8	43.2
86	65.0	52.1	78.1

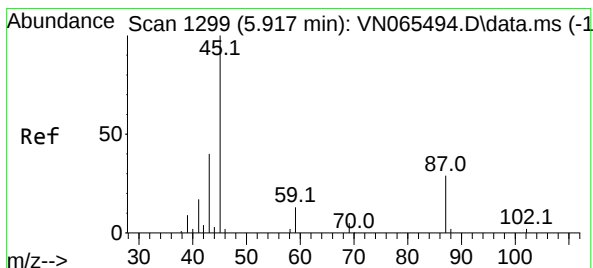
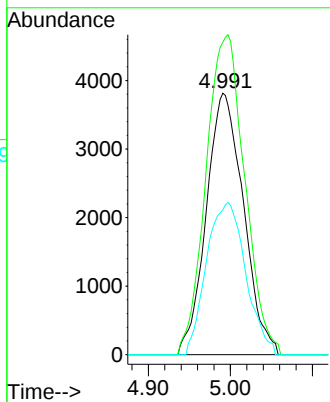
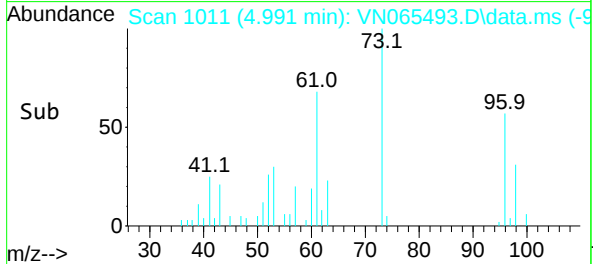




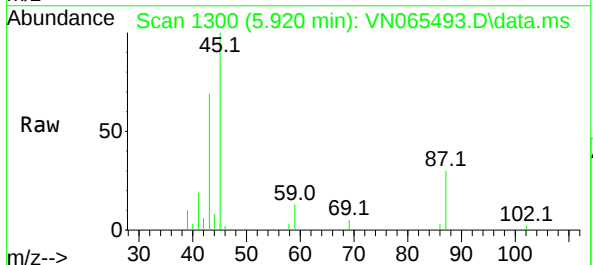
#19
trans-1,2-Dichloroethene
Concen: 4.88 ug/l
RT: 4.991 min Scan# 1011
Delta R.T. -0.003 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30



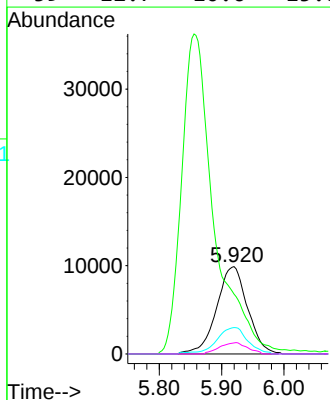
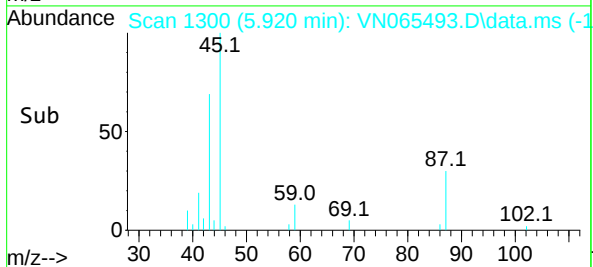
Tgt Ion:	96	Resp:	12036
Ion	Ratio	Lower	Upper
96	100		
61	119.6	106.2	159.2
98	55.4	52.4	78.6



#20
Diisopropyl ether
Concen: 4.34 ug/l
RT: 5.920 min Scan# 1300
Delta R.T. 0.003 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30



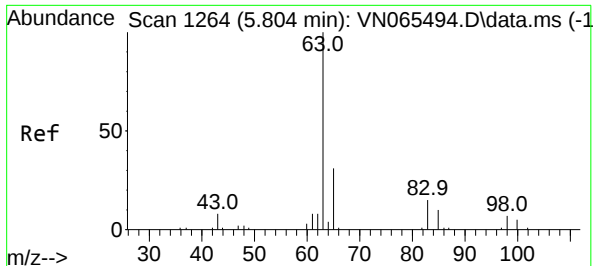
Tgt Ion:	45	Resp:	34054
Ion	Ratio	Lower	Upper
45	100		
43	63.2	50.4	75.6
87	30.2	24.5	36.7
59	12.7	10.6	15.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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1/15/2021 4:13:50 PM



#21

1,1-Dichloroethane

Concen: 4.71 ug/l

RT: 5.804 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VN065493.D

Acq: 13 Jan 2021 17:30

Tgt Ion:	63	Resp:	20931
Ion Ratio	Lower	Upper	
63	100		
98	7.2	3.3	9.9
100	3.9	2.3	6.8

Instrument :

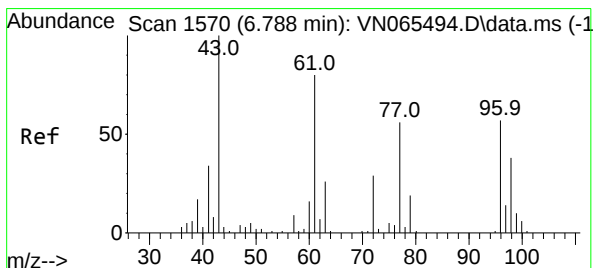
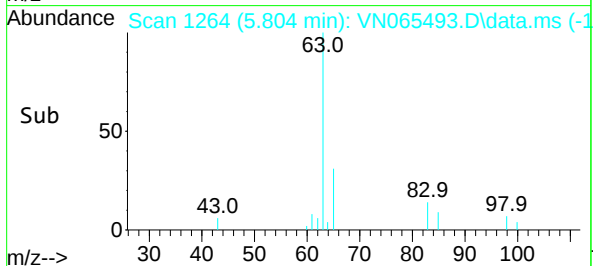
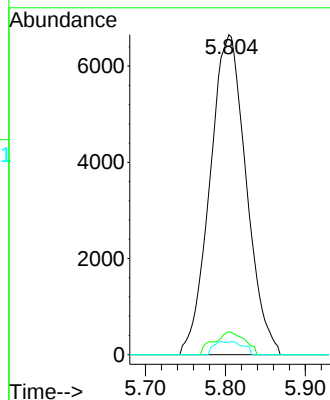
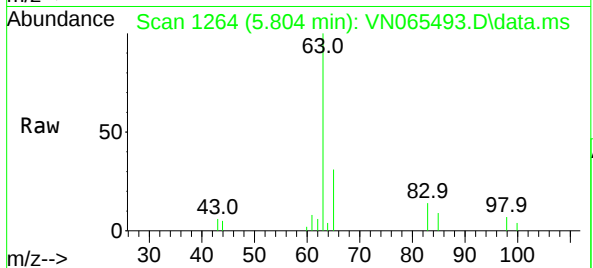
MSVOA_N

ClientSampleId :

VSTDIC005

Manual Integrations
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1/15/2021 4:13:50 PM



#22

cis-1,2-Dichloroethene

Concen: 4.77 ug/l

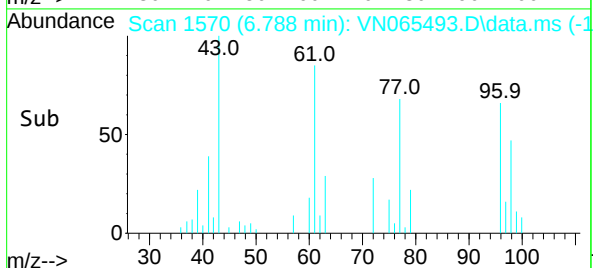
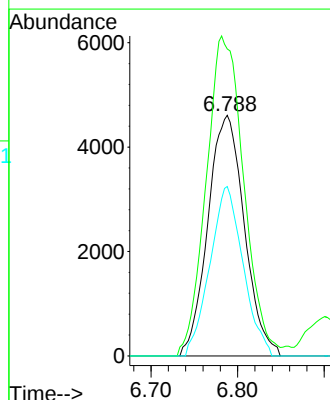
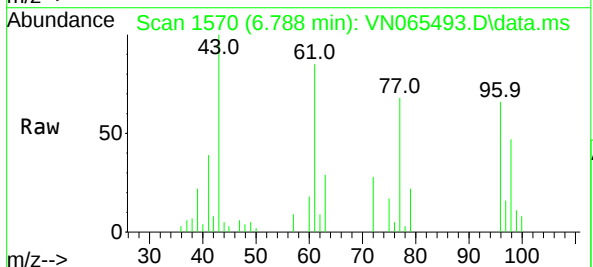
RT: 6.788 min Scan# 1570

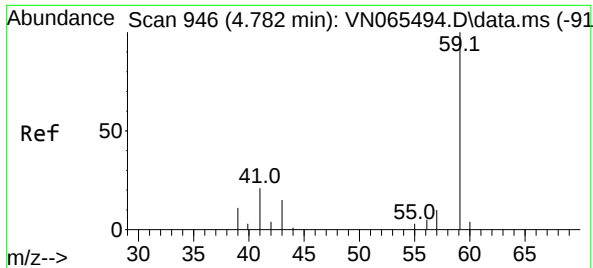
Delta R.T. 0.000 min

Lab File: VN065493.D

Acq: 13 Jan 2021 17:30

Tgt Ion:	96	Resp:	13487
Ion Ratio	Lower	Upper	
96	100		
61	136.8	112.5	168.7
98	64.0	52.2	78.2





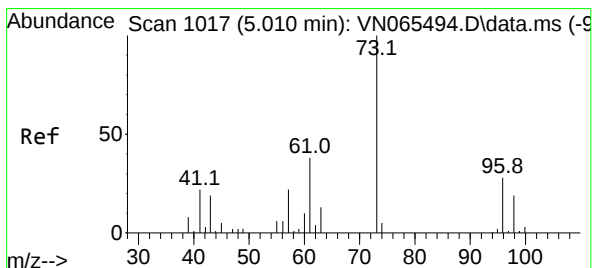
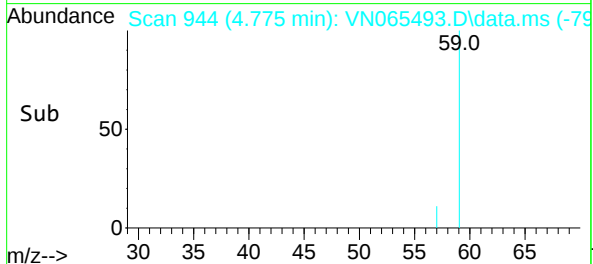
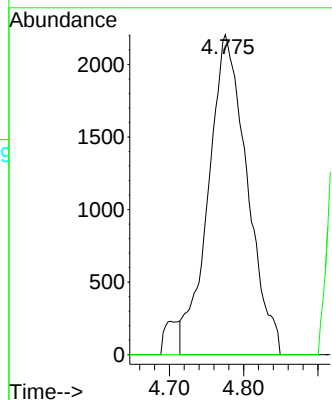
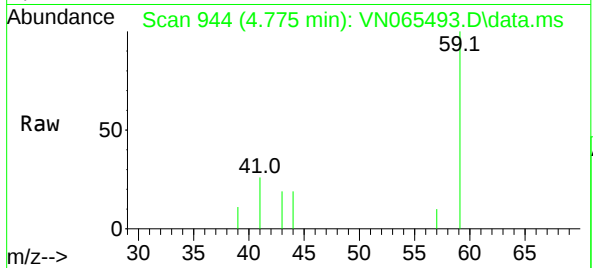
#23
tert-Butyl Alcohol
Concen: 17.92 ug/l
RT: 4.775 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion: 59 Resp: 7977
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

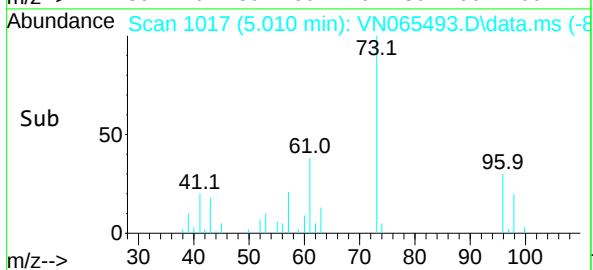
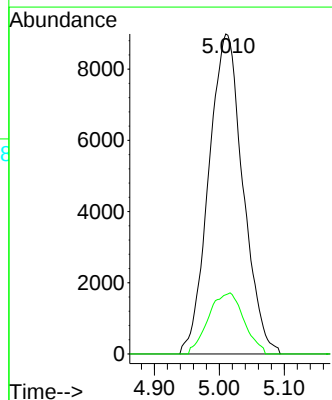
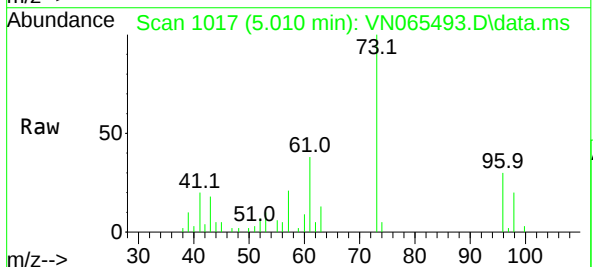
Manual Integrations
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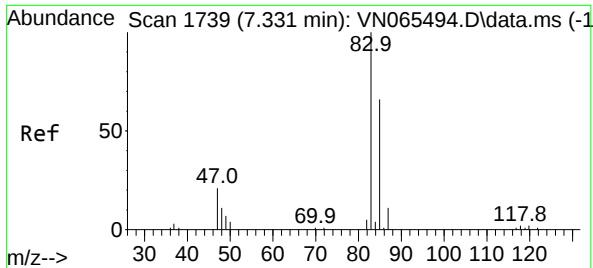
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#24
Methyl tert-Butyl Ether
Concen: 4.27 ug/l
RT: 5.010 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion: 73 Resp: 32898
Ion Ratio Lower Upper
73 100
43 19.8 15.4 23.2





#25

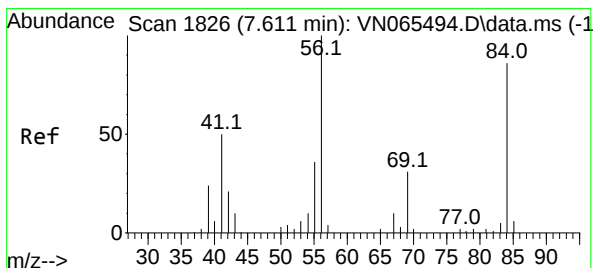
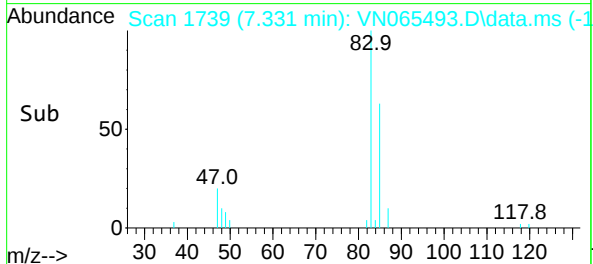
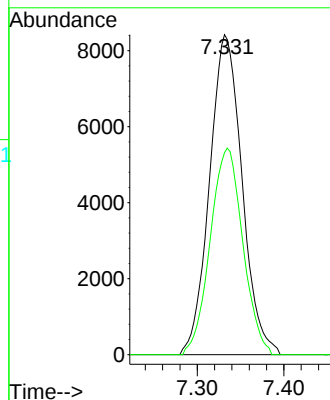
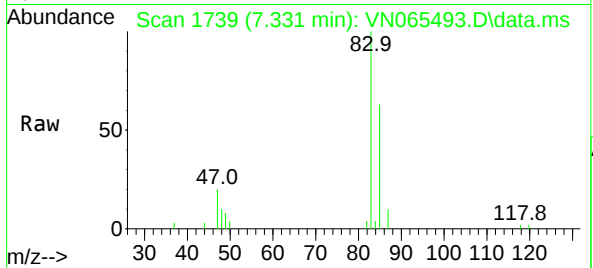
Chloroform
Concen: 4.80 ug/l
RT: 7.331 min Scan# 1739
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	53.0	79.4

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Manual Integrations
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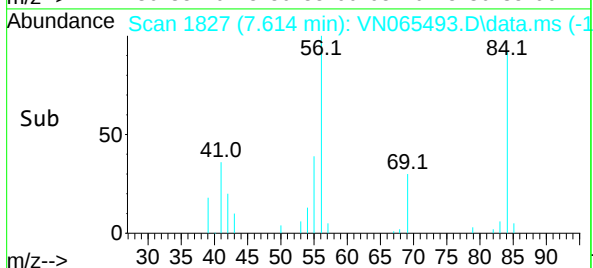
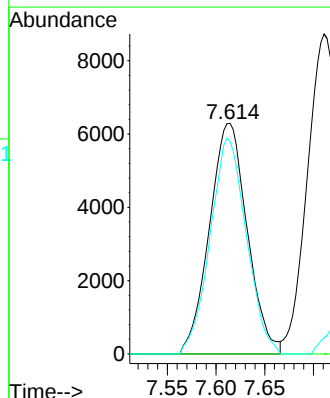
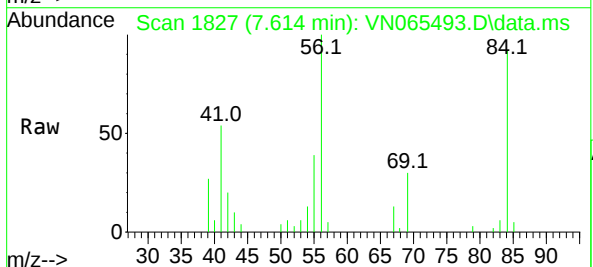
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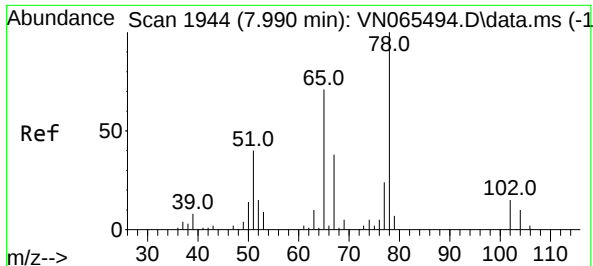


#26

Cyclohexane
Concen: 4.39 ug/l
RT: 7.614 min Scan# 1827
Delta R.T. 0.003 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	89.9	72.8	109.2





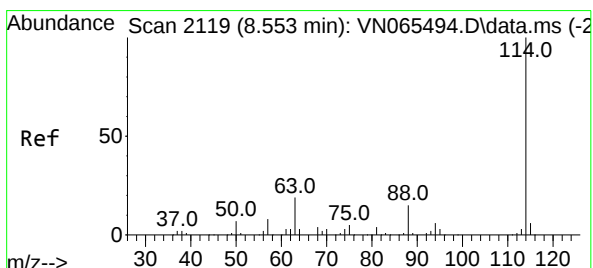
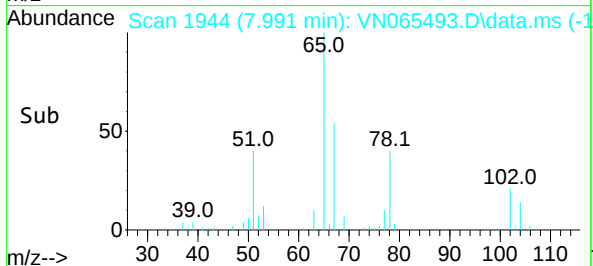
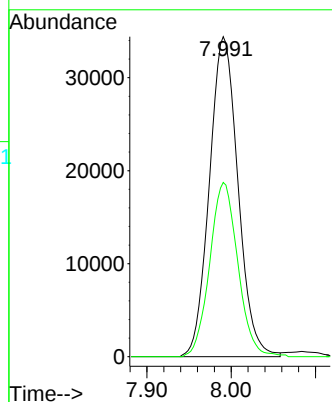
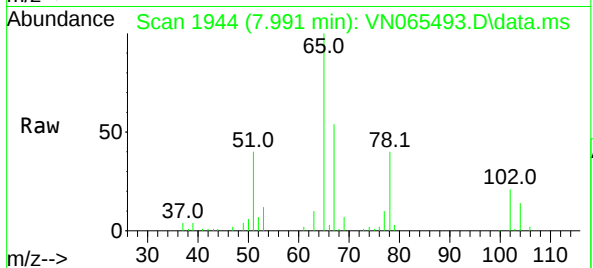
#27
1,2-Dichloroethane-d4
Concen: 26.97 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion: 65 Resp: 81088
Ion Ratio Lower Upper
65 100
67 53.4 42.8 64.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

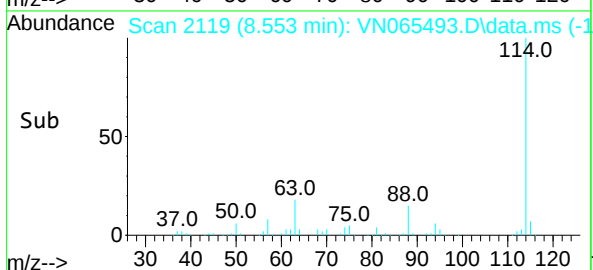
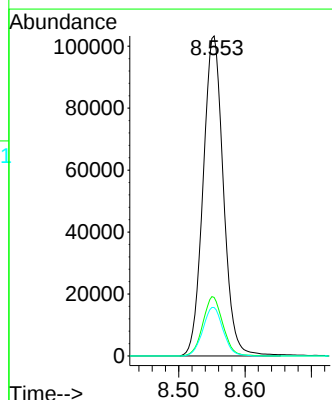
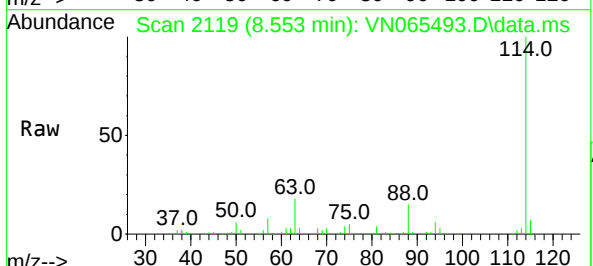
Manual Integrations
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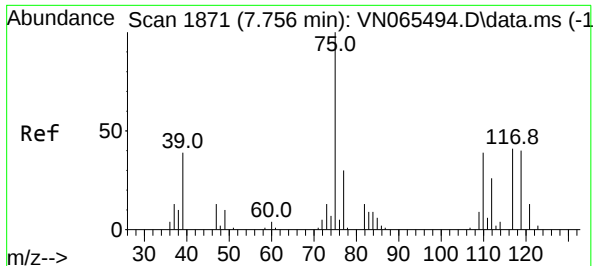
MMDadoda
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#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion: 114 Resp: 219207
Ion Ratio Lower Upper
114 100
63 18.3 14.7 22.1
88 15.1 11.7 17.5





#29

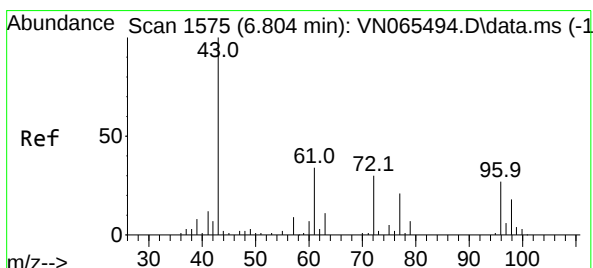
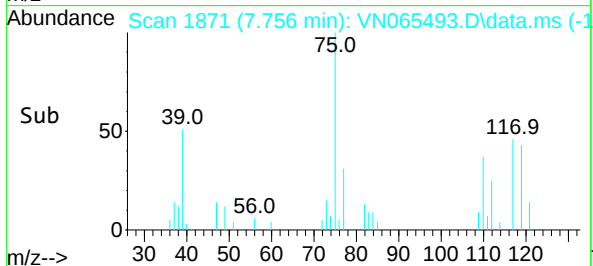
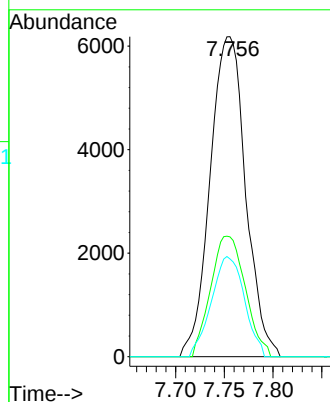
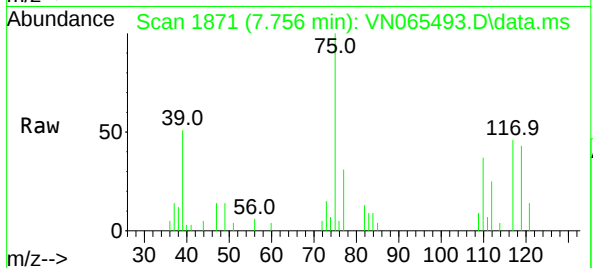
1,1-Dichloropropene
Concen: 4.90 ug/l
RT: 7.756 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion:	75	Resp:	15691
Ion Ratio	Lower	Upper	
75	100		
110	36.7	0.0	74.2
77	29.0	0.0	61.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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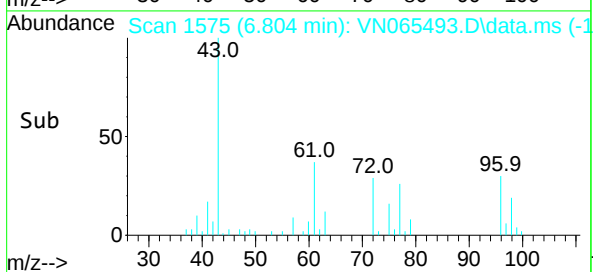
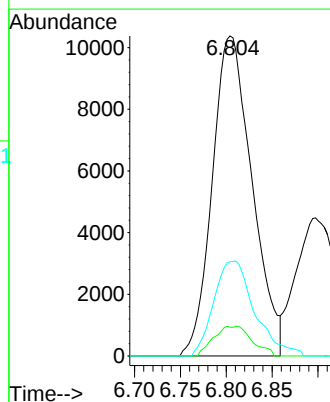
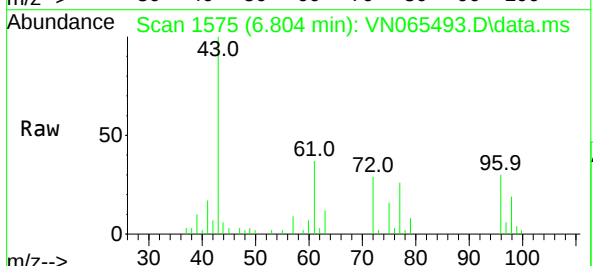
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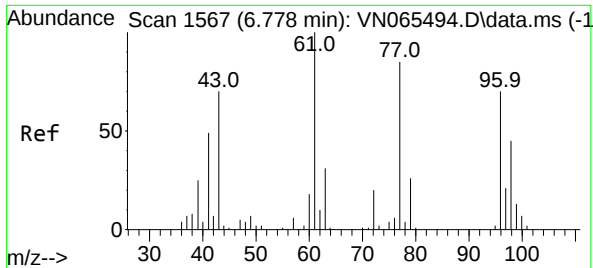


#30

2-Butanone
Concen: 21.85 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion:	43	Resp:	31304
Ion Ratio	Lower	Upper	
43	100		
57	4.7	7.0	10.4#
72	30.4	23.6	35.4





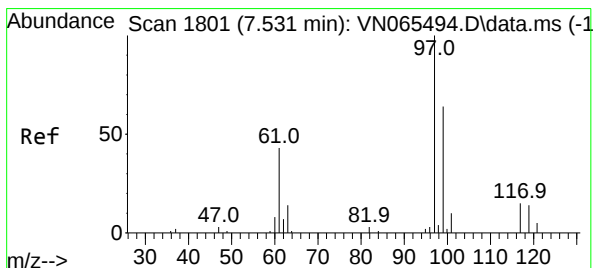
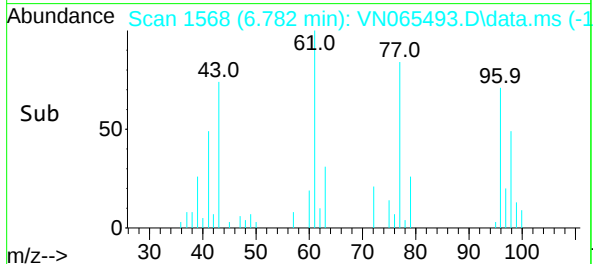
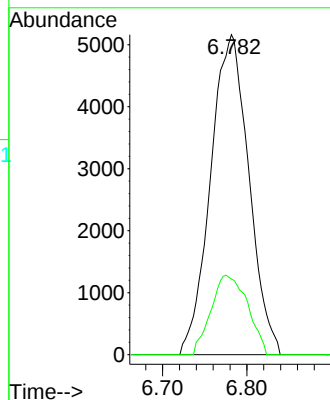
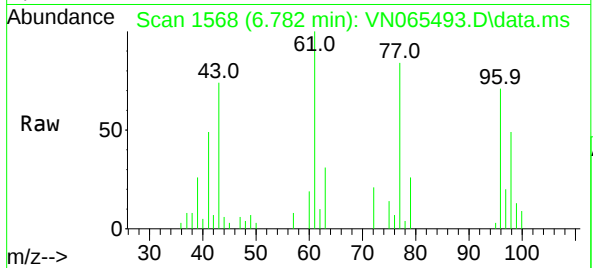
#31
2,2-Dichloropropane
Concen: 4.26 ug/l
RT: 6.782 min Scan# 1568
Delta R.T. 0.003 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion: 77 Resp: 16299
Ion Ratio Lower Upper
77 100
97 23.7 19.0 28.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

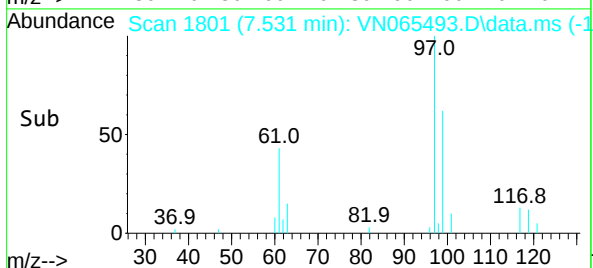
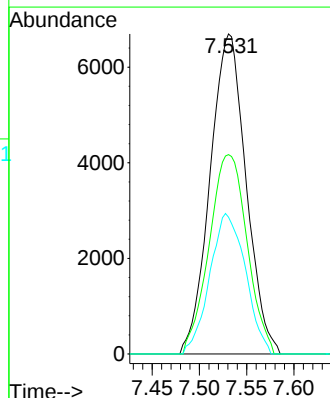
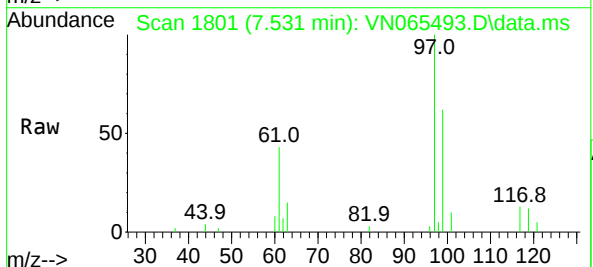
Manual Integrations
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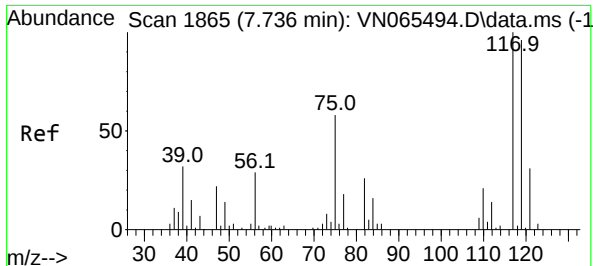
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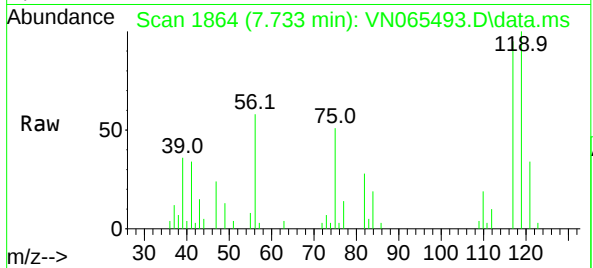
#32
1,1,1-Trichloroethane
Concen: 4.62 ug/l
RT: 7.531 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion: 97 Resp: 17723
Ion Ratio Lower Upper
97 100
99 65.7 51.5 77.3
61 43.6 34.7 52.1

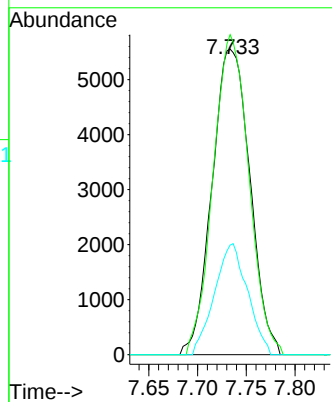
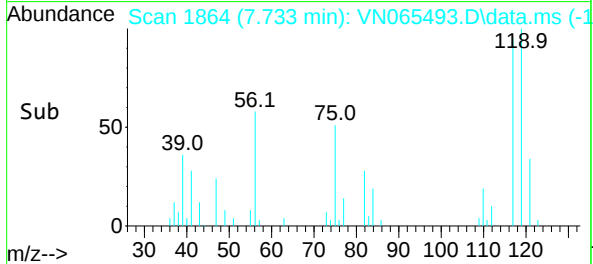




#33
Carbon Tetrachloride
Concen: 4.46 ug/l
RT: 7.733 min Scan# 1864
Delta R.T. -0.003 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30



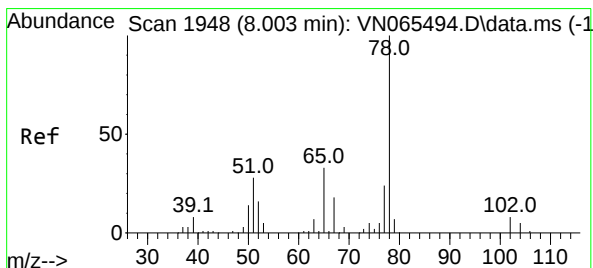
Tgt Ion: 117 Resp: 15011
Ion Ratio Lower Upper
117 100
119 104.7 77.0 115.4
121 35.9 24.8 37.2



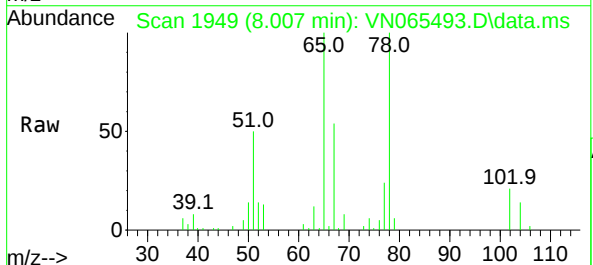
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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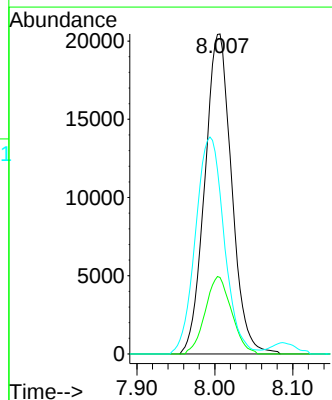
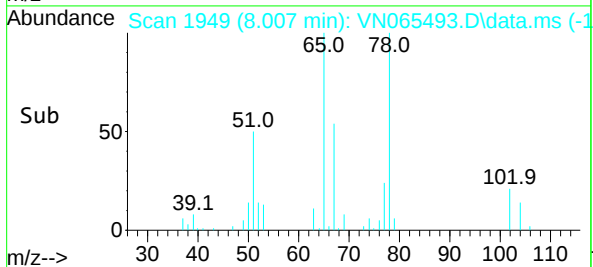
MMDadoda
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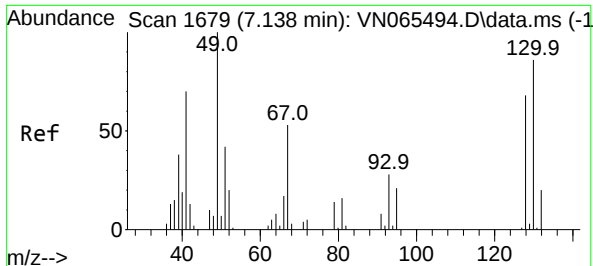


#34
Benzene
Concen: 5.11 ug/l
RT: 8.007 min Scan# 1949
Delta R.T. 0.003 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30



Tgt Ion: 78 Resp: 48900
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6
51 46.7 22.1 33.1#





#35

Methacrylonitrile

Concen: 4.12 ug/l

RT: 7.135 min Scan# 1678

Delta R.T. -0.003 min

Lab File: VN065493.D

Acq: 13 Jan 2021 17:30

Tgt Ion: 41 Resp: 5587

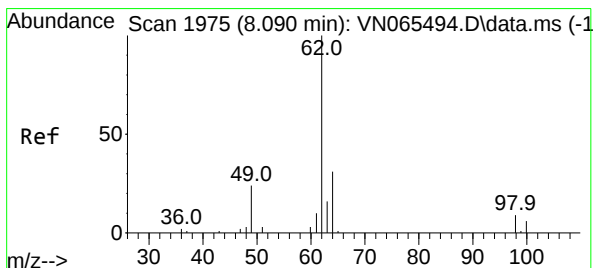
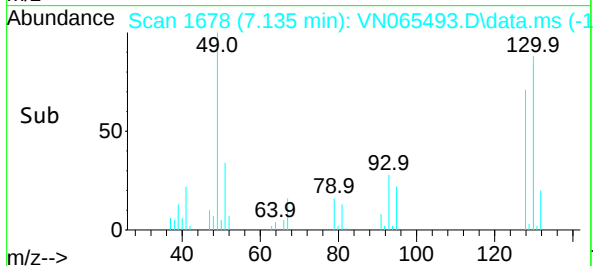
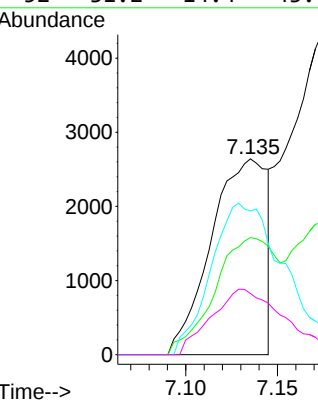
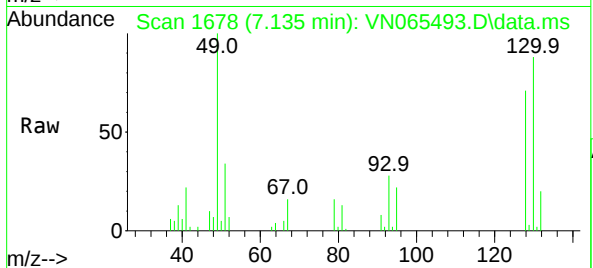
Ion Ratio Lower Upper

41 100

39 59.8 26.8 80.3

67 73.4 38.0 113.9

52 31.2 14.4 43.4



#36

1,2-Dichloroethane

Concen: 4.73 ug/l

RT: 8.087 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VN065493.D

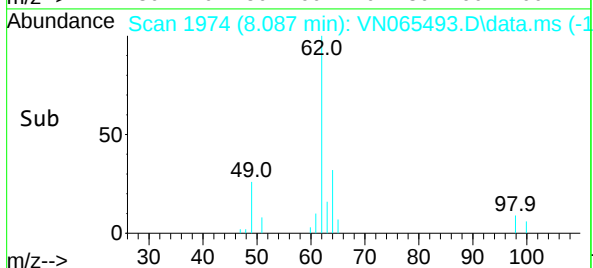
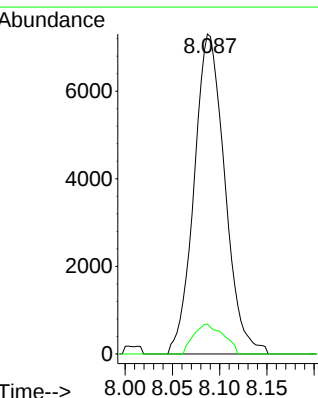
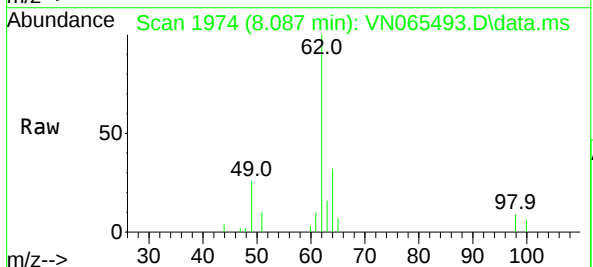
Acq: 13 Jan 2021 17:30

Tgt Ion: 62 Resp: 16492

Ion Ratio Lower Upper

62 100

98 9.0 7.4 11.2



Instrument :

MSVOA_N

ClientSampleId :

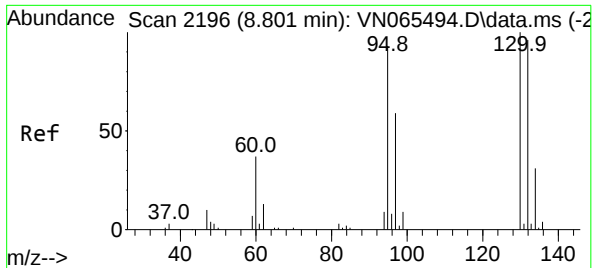
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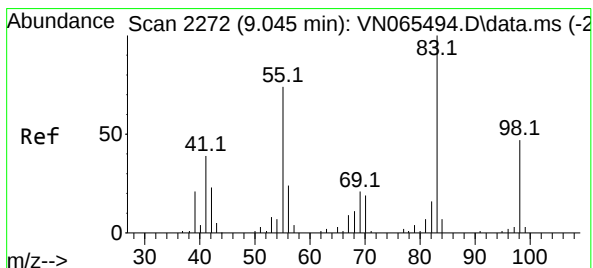
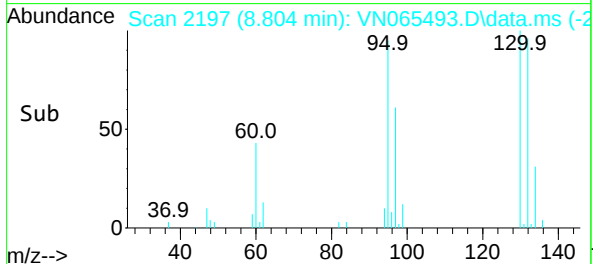
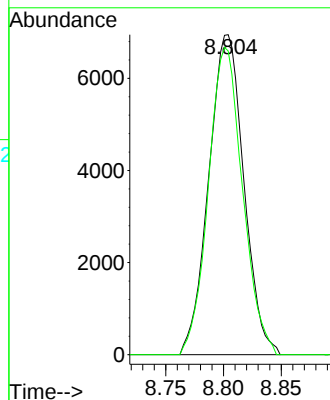
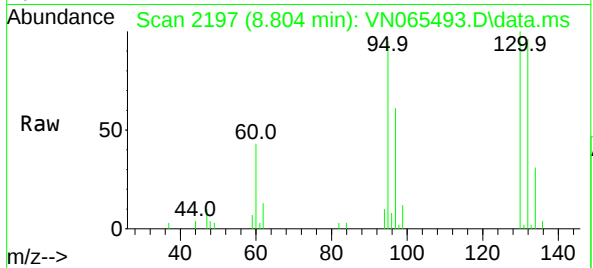
#37
Trichloroethene
Concen: 5.34 ug/l
RT: 8.804 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion:130 Resp: 14675
Ion Ratio Lower Upper
130 100
95 94.9 74.0 111.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

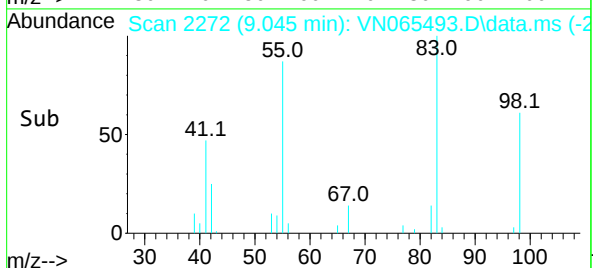
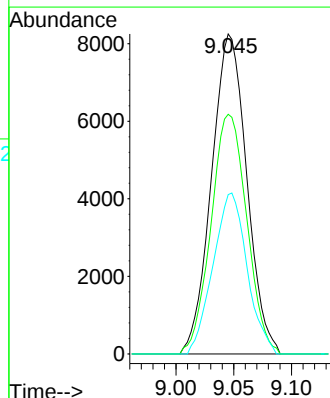
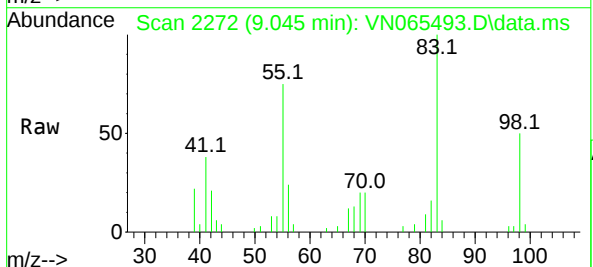
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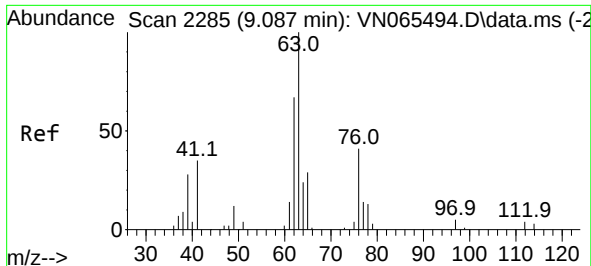
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1/15/2021 4:13:50 PM



#38
Methylcyclohexane
Concen: 4.52 ug/l
RT: 9.045 min Scan# 2272
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion: 83 Resp: 17516
Ion Ratio Lower Upper
83 100
55 76.0 37.2 111.6
98 48.6 23.8 71.4





#39

1,2-Dichloropropane

Concen: 5.02 ug/l

RT: 9.087 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN065493.D

Acq: 13 Jan 2021 17:30

Tgt Ion: 63 Resp: 12531

Ion Ratio Lower Upper

63 100

65 31.7 24.1 36.1

Instrument :

MSVOA_N

ClientSampled :

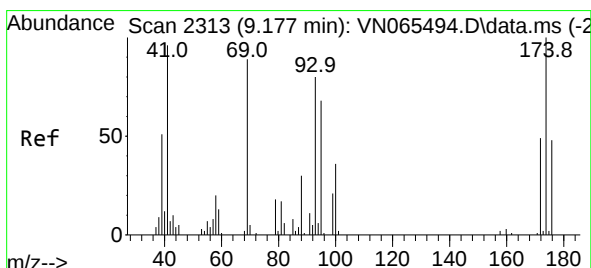
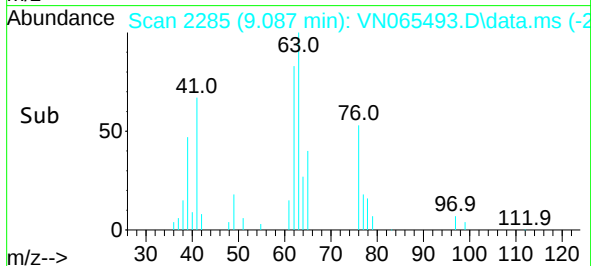
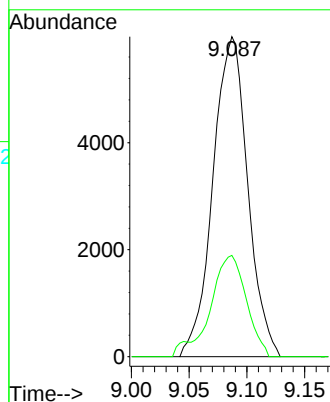
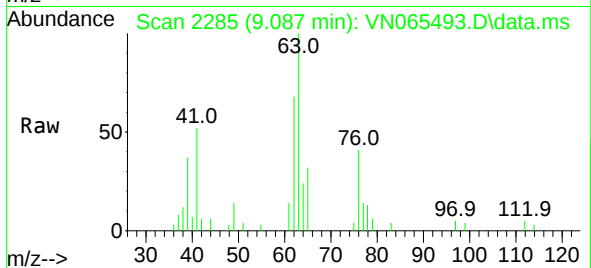
VSTDIC005

Manual Integrations

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1/15/2021 4:13:50 PM



#40

Dibromomethane

Concen: 4.93 ug/l

RT: 9.177 min Scan# 2313

Delta R.T. 0.000 min

Lab File: VN065493.D

Acq: 13 Jan 2021 17:30

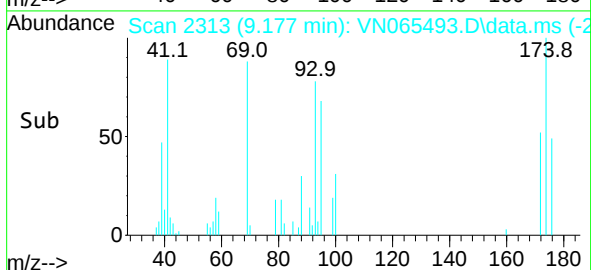
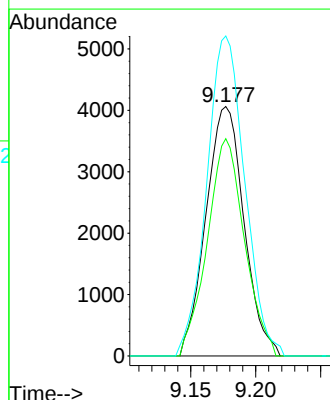
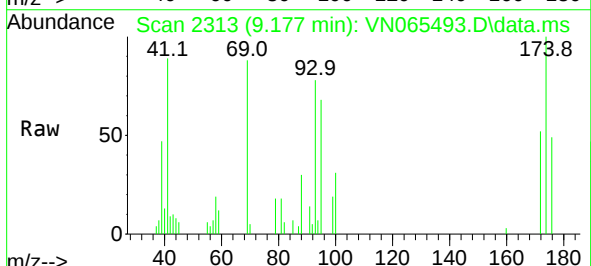
Tgt Ion: 93 Resp: 8280

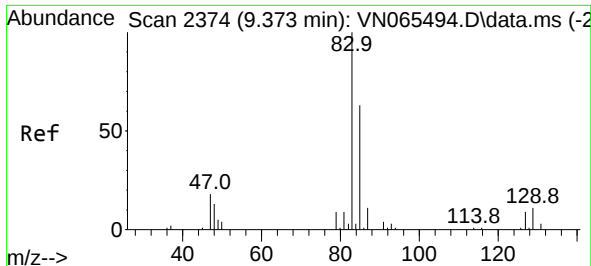
Ion Ratio Lower Upper

93 100

95 84.9 0.0 168.6

174 128.1 0.0 246.4





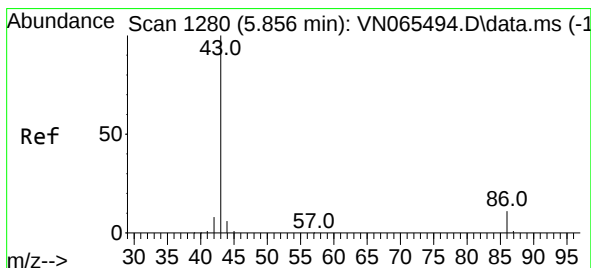
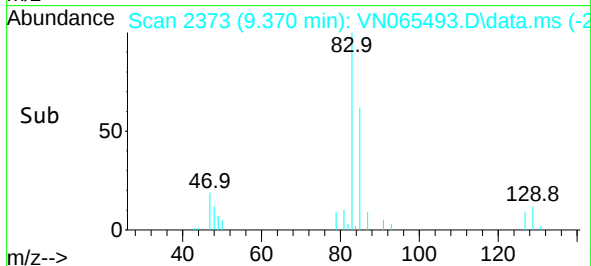
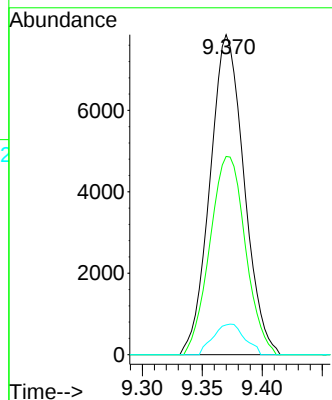
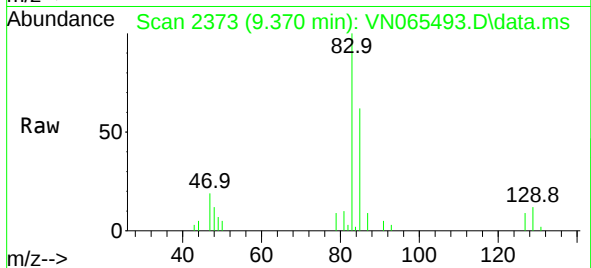
#41
Bromodichloromethane
Concen: 4.42 ug/l
RT: 9.370 min Scan# 2373
Delta R.T. -0.003 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion: 83 Resp: 15515
Ion Ratio Lower Upper
83 100
85 62.0 50.7 76.1
127 9.3 7.5 11.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

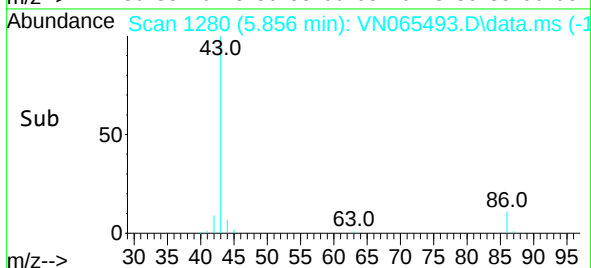
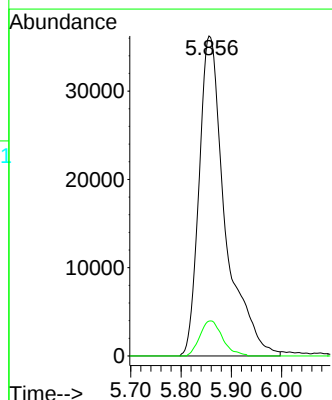
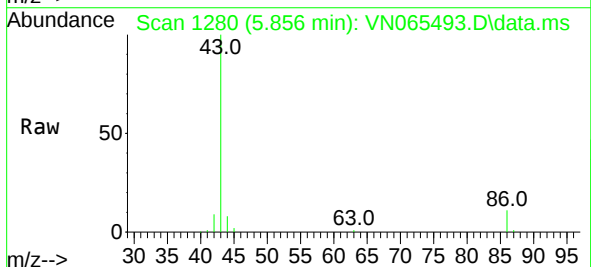
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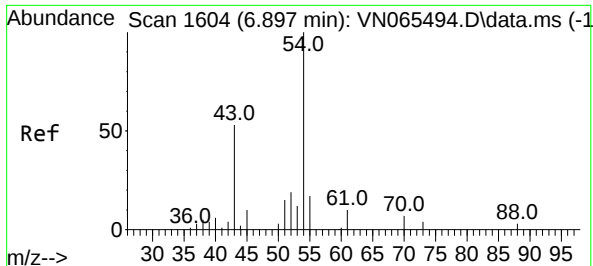
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#42
Vinyl Acetate
Concen: 21.01 ug/l
RT: 5.856 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion: 43 Resp: 130819
Ion Ratio Lower Upper
43 100
86 9.5 7.9 11.9





#43

Ethyl Acetate

Concen: 4.73 ug/l

RT: 6.897 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VN065493.D

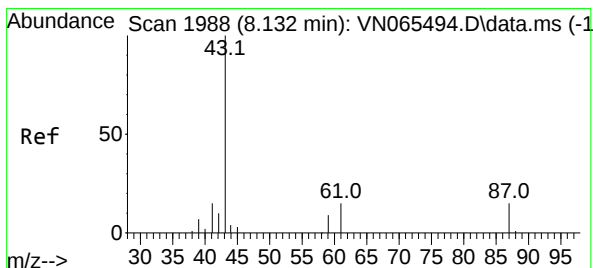
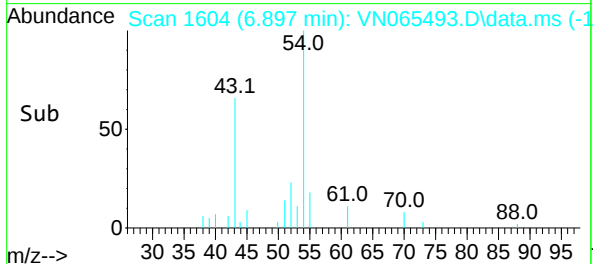
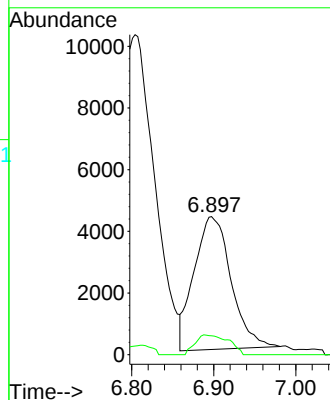
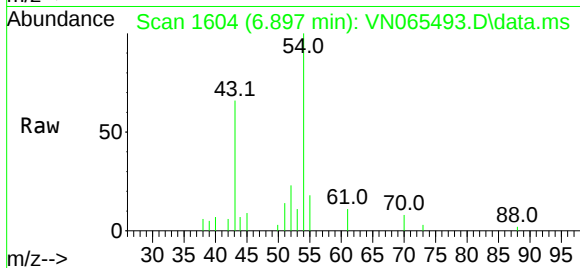
Acq: 13 Jan 2021 17:30

Tgt Ion: 43 Resp: 13476

Ion Ratio Lower Upper

43 100

45 10.6 12.9 19.3#



#44

Isopropyl Acetate

Concen: 4.07 ug/l

RT: 8.132 min Scan# 1988

Delta R.T. 0.000 min

Lab File: VN065493.D

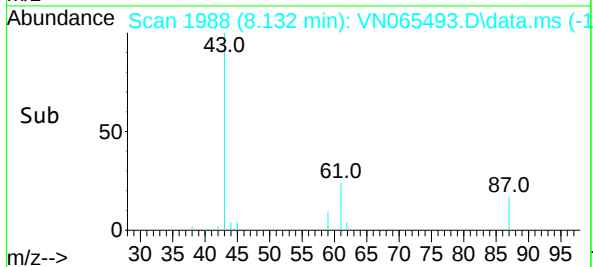
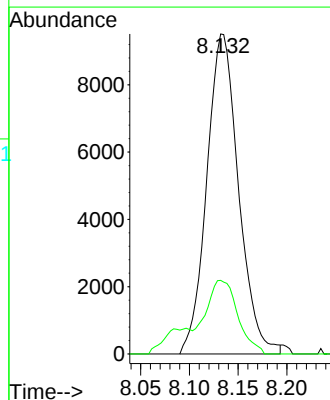
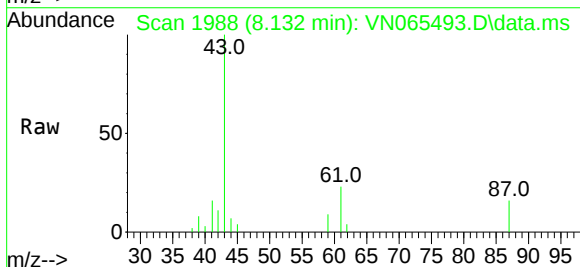
Acq: 13 Jan 2021 17:30

Tgt Ion: 43 Resp: 21593

Ion Ratio Lower Upper

43 100

61 23.4 16.8 25.2



Instrument :

MSVOA_N

ClientSampleId :

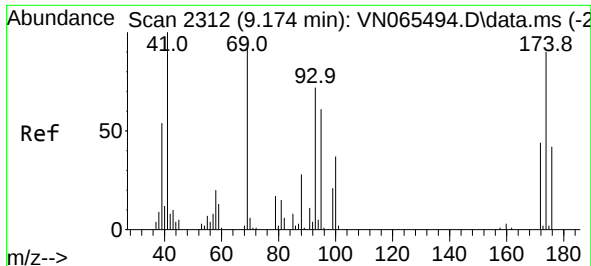
VSTDIC005

Manual Integrations

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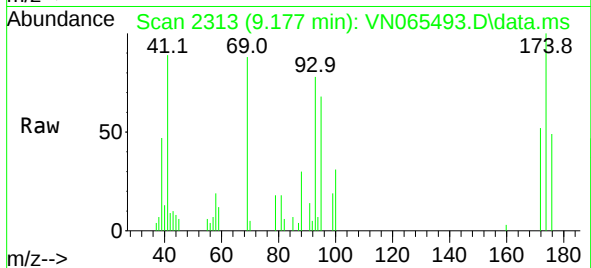
MMDadoda

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#45
1,4-Dioxane
Concen: 81.19 ug/l
RT: 9.177 min Scan# 2313
Delta R.T. 0.003 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

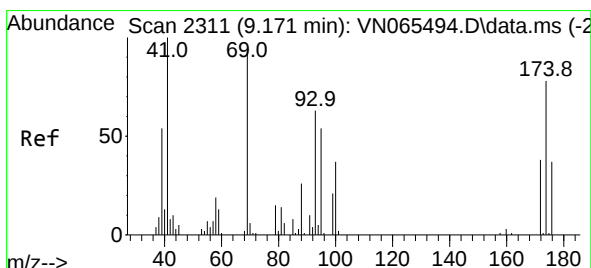
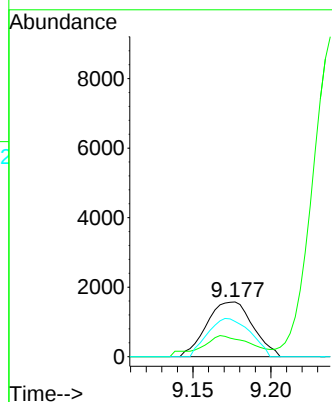
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



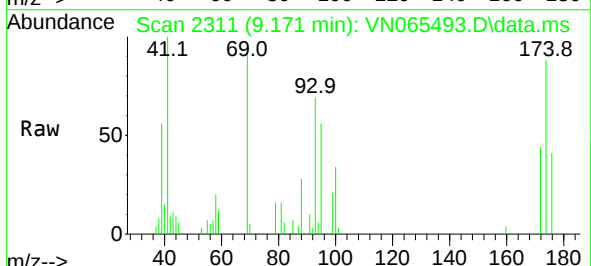
Tgt Ion: 88 Resp: 3239
Ion Ratio Lower Upper
88 100
43 30.7 28.3 42.5
58 64.3 53.8 80.6

Manual Integrations
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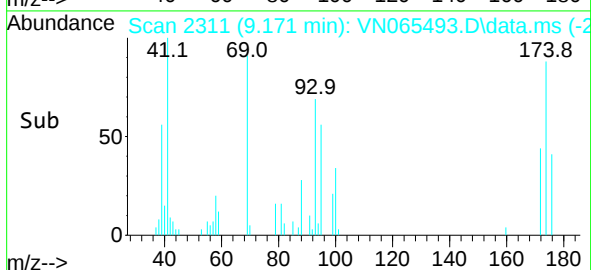
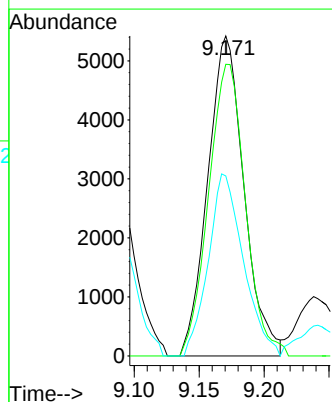
MMDadoda
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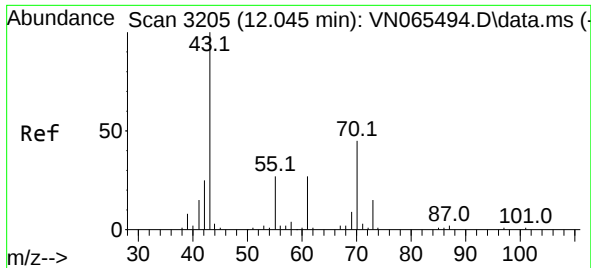


#46
Methyl methacrylate
Concen: 4.16 ug/l
RT: 9.171 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30



Tgt Ion: 41 Resp: 10504
Ion Ratio Lower Upper
41 100
69 91.1 46.3 138.8
39 56.2 26.8 80.3





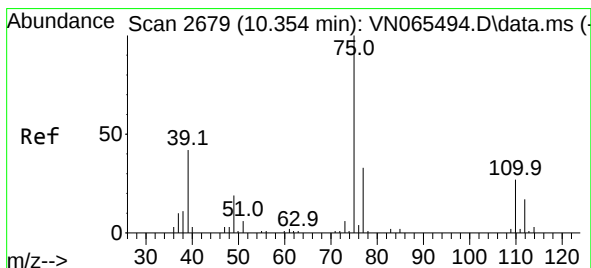
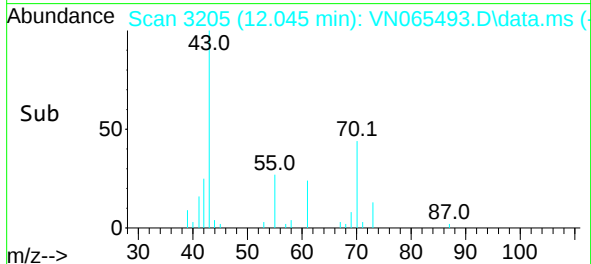
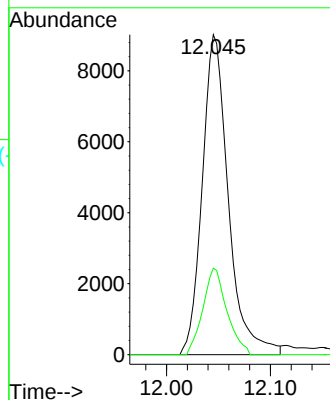
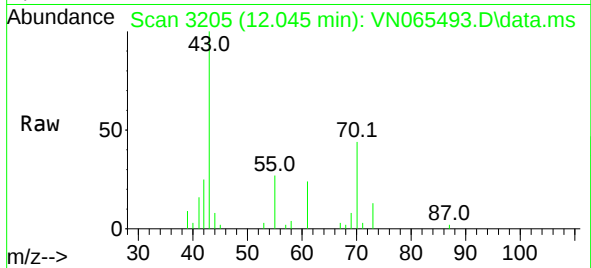
#47
n-amy1 Acetate
Concen: 3.54 ug/l
RT: 12.045 min Scan# 3205
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion: 43 Resp: 15750
Ion Ratio Lower Upper
43 100
55 24.8 21.3 31.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

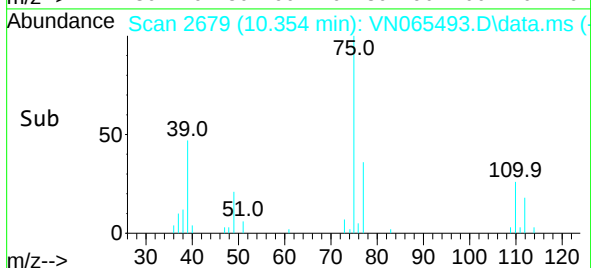
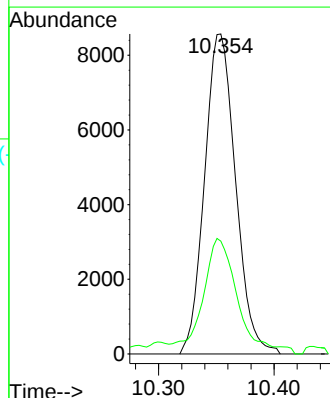
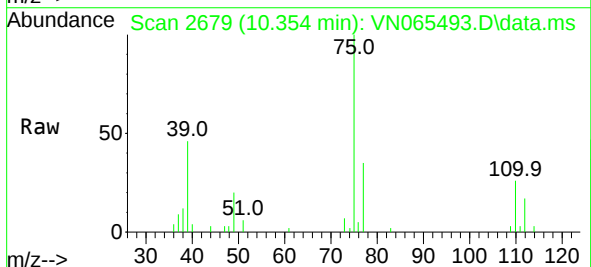
Manual Integrations
APPROVED

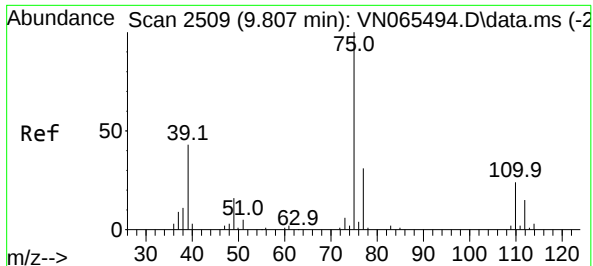
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#48
t-1,3-Dichloropropene
Concen: 4.09 ug/l
RT: 10.354 min Scan# 2679
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion: 75 Resp: 15994
Ion Ratio Lower Upper
75 100
77 33.0 26.5 39.7





#49

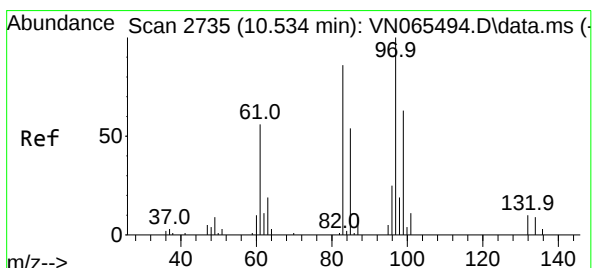
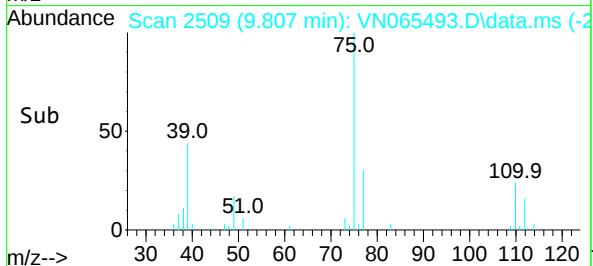
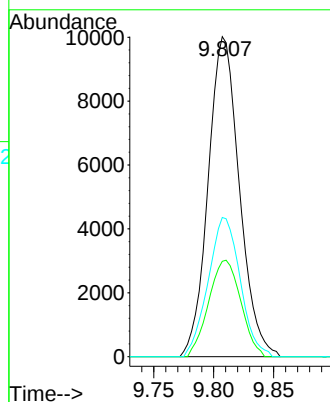
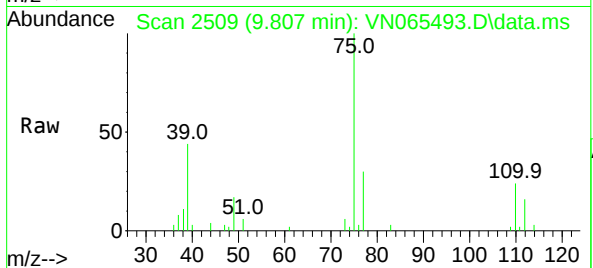
cis-1,3-Dichloropropene
Concen: 4.34 ug/l
RT: 9.807 min Scan# 2509
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion:	75	Resp:	18138
Ion	Ratio	Lower	Upper
75	100		
77	29.8	24.8	37.2
39	43.5	34.4	51.6

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Manual Integrations
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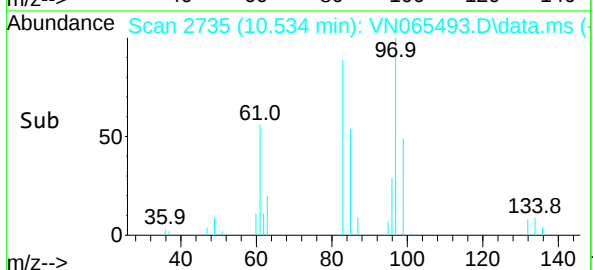
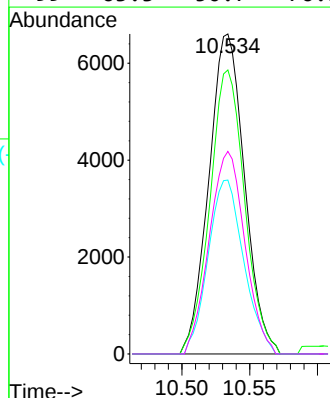
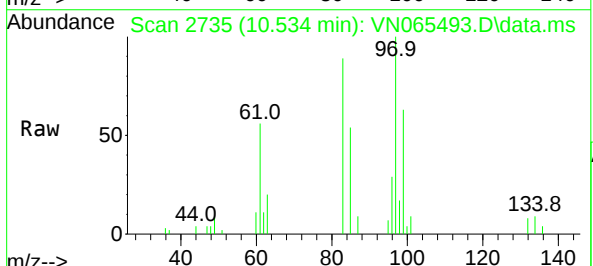
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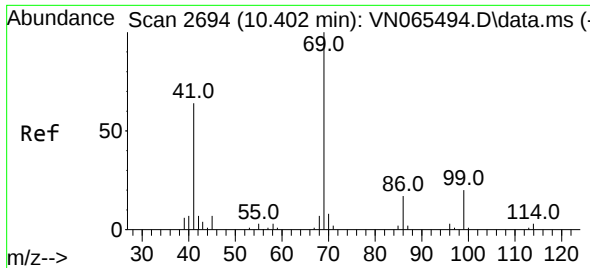


#50

1,1,2-Trichloroethane
Concen: 5.08 ug/l
RT: 10.534 min Scan# 2735
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion:	97	Resp:	12096
Ion	Ratio	Lower	Upper
97	100		
83	88.7	68.4	102.6
85	54.3	42.8	64.2
99	63.3	50.7	76.1





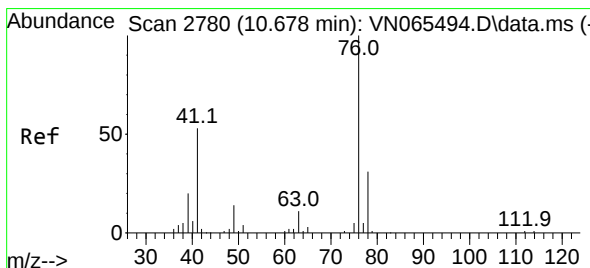
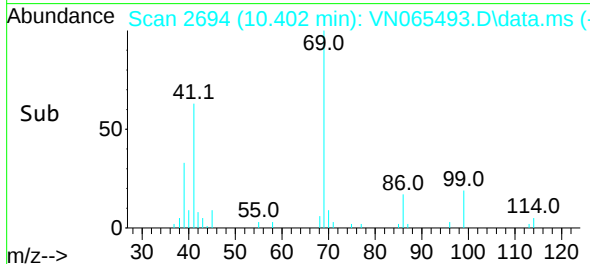
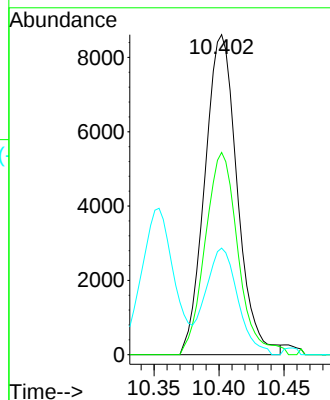
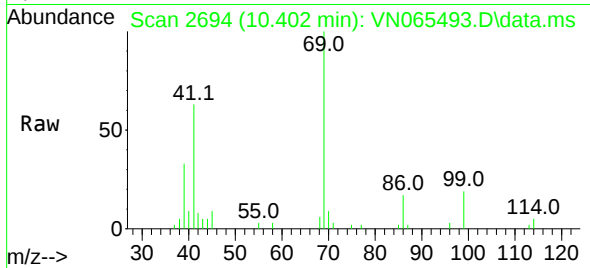
#51
Ethyl methacrylate
Concen: 4.10 ug/l
RT: 10.402 min Scan# 2694
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion: 69 Resp: 14937
Ion Ratio Lower Upper
69 100
41 63.2 31.9 95.7
39 33.3 15.6 46.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

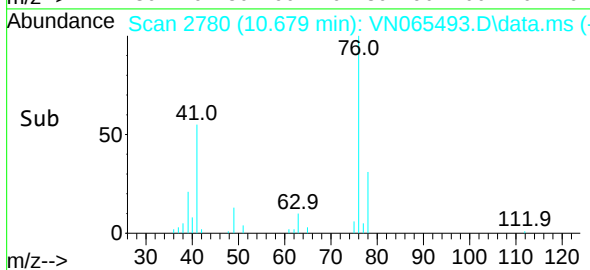
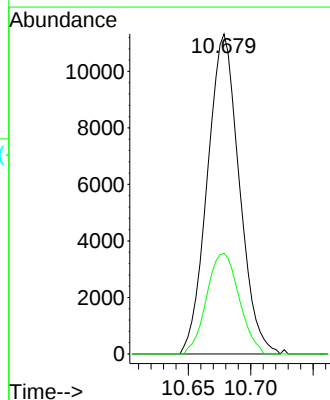
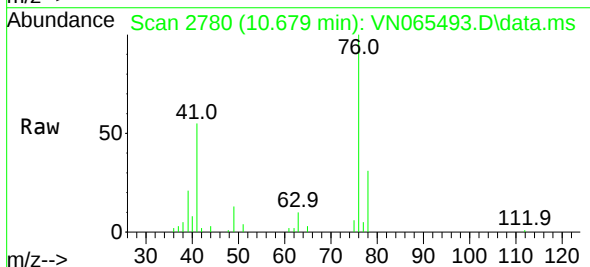
Manual Integrations
APPROVED

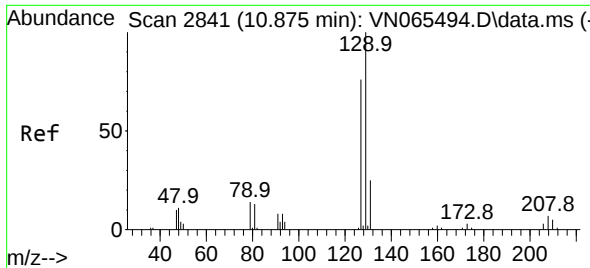
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1/15/2021 4:13:50 PM



#52
1,3-Dichloropropane
Concen: 5.08 ug/l
RT: 10.679 min Scan# 2780
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion: 76 Resp: 20151
Ion Ratio Lower Upper
76 100
78 32.0 0.0 64.2





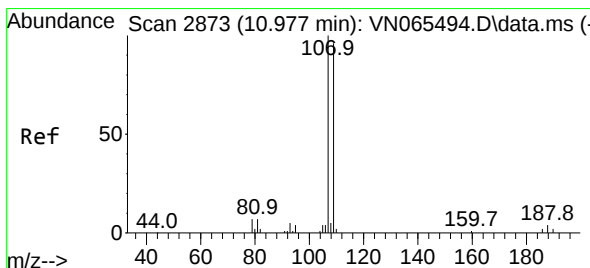
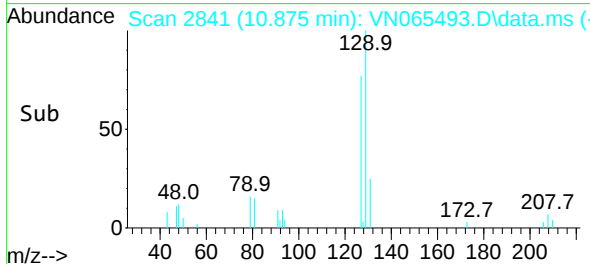
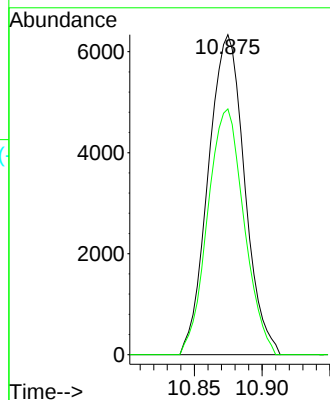
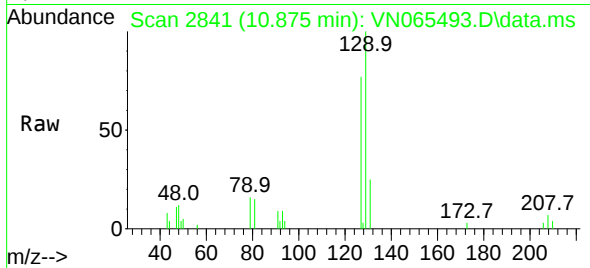
#53
Dibromochloromethane
Concen: 4.23 ug/l
RT: 10.875 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion:129 Resp: 11799
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.6

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

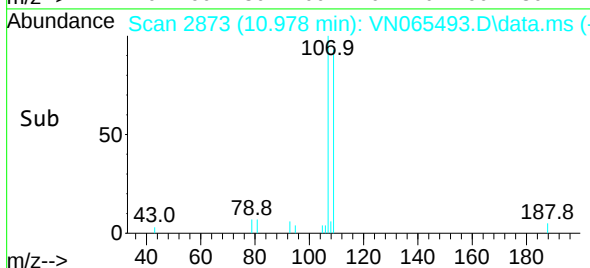
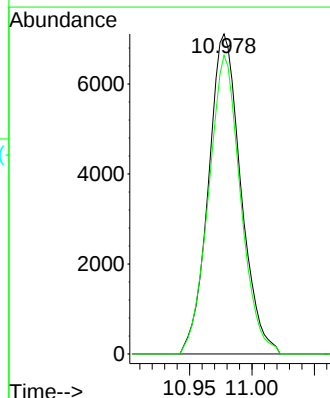
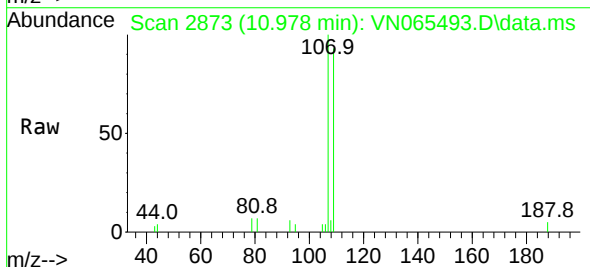
Manual Integrations
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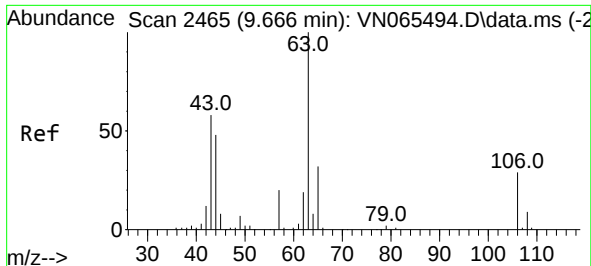
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1/15/2021 4:13:50 PM



#54
1,2-Dibromoethane
Concen: 5.05 ug/l
RT: 10.978 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion:107 Resp: 12869
Ion Ratio Lower Upper
107 100
109 91.9 76.6 115.0





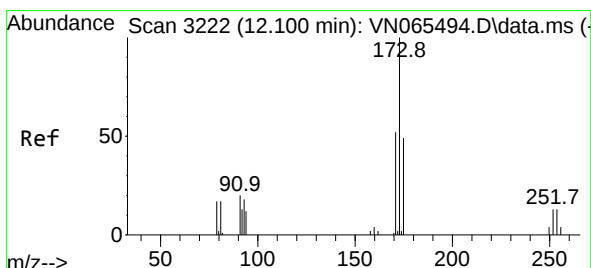
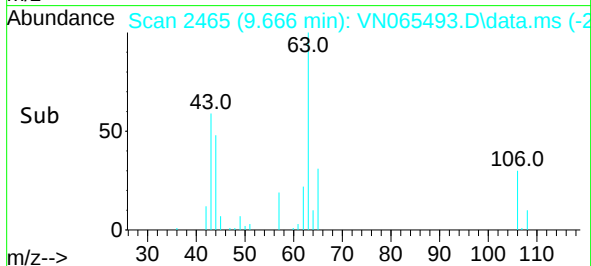
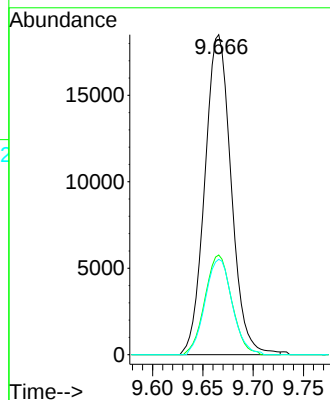
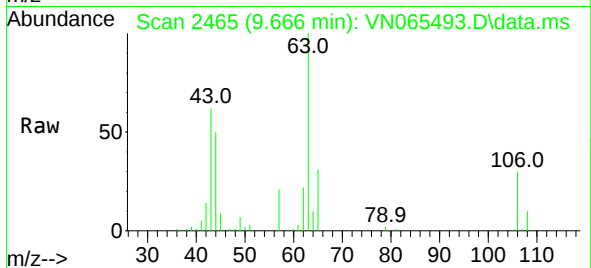
#55
2-Chloroethyl vinyl ether
Concen: 18.63 ug/l
RT: 9.666 min Scan# 2465
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion:	63	Resp:	33759
Ion Ratio	Lower	Upper	
63	100		
65	31.5	25.7	38.5
106	30.6	23.1	34.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

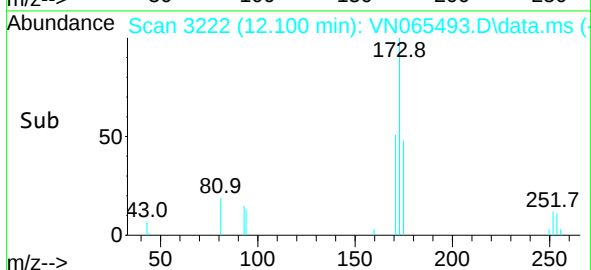
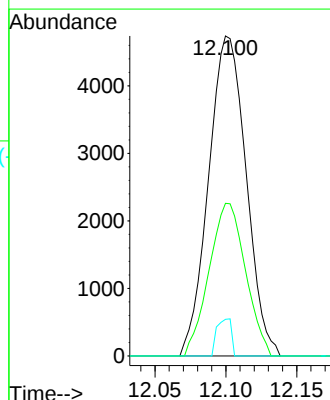
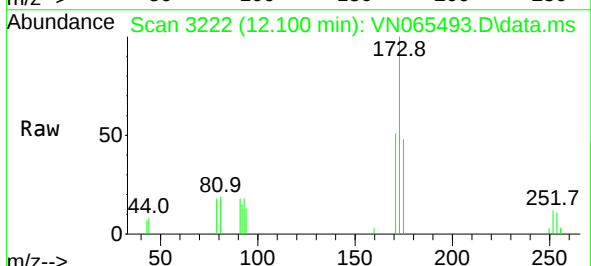
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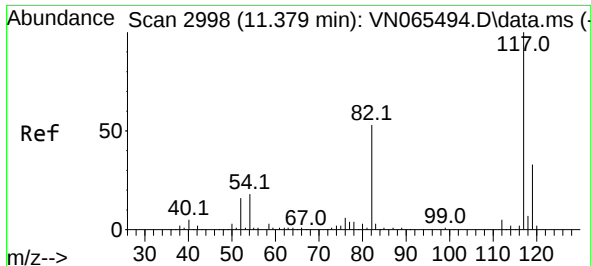
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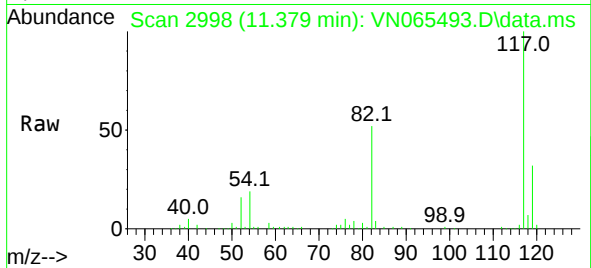
#56
Bromoform
Concen: 4.05 ug/l
RT: 12.100 min Scan# 3222
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion:	173	Resp:	8736
Ion Ratio	Lower	Upper	
173	100		
175	46.2	38.2	57.4
254	4.5	9.8	14.8#

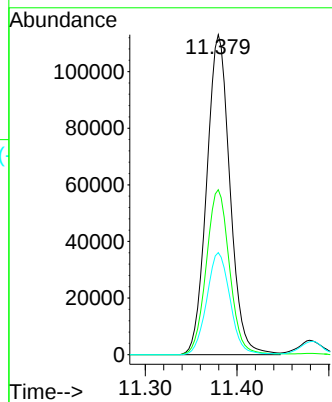
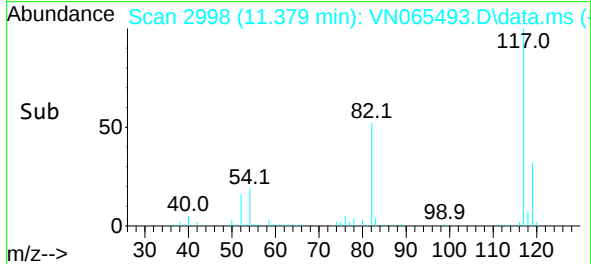




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30



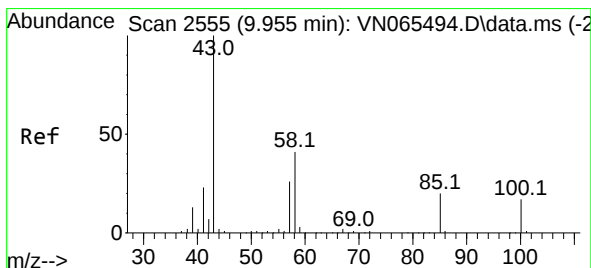
Tgt Ion: 117 Resp: 198752
Ion Ratio Lower Upper
117 100
82 51.6 41.3 61.9
119 32.0 25.7 38.5



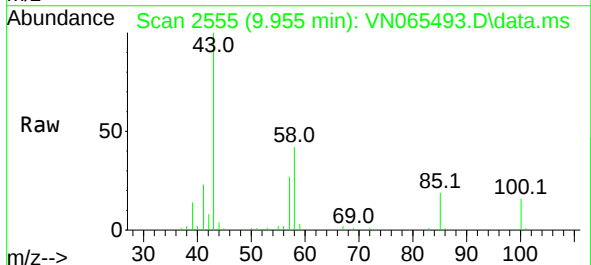
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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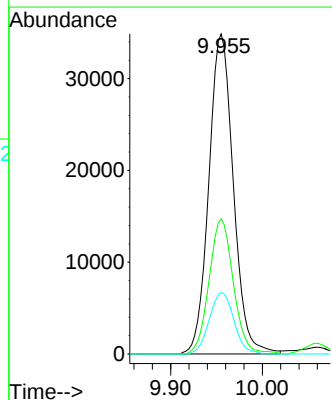
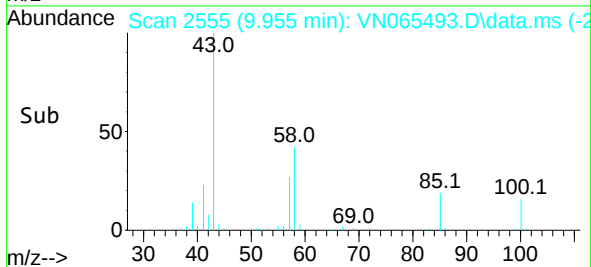
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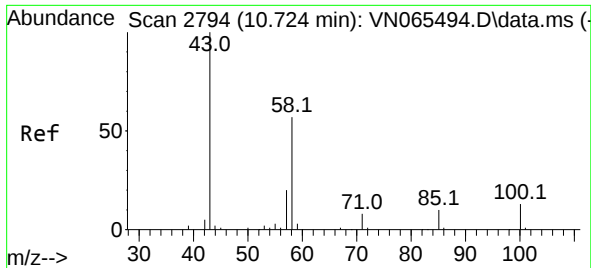


#58
4-Methyl-2-Pentanone
Concen: 21.73 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30



Tgt Ion: 43 Resp: 64847
Ion Ratio Lower Upper
43 100
58 41.7 32.7 49.1
85 19.2 16.0 24.0





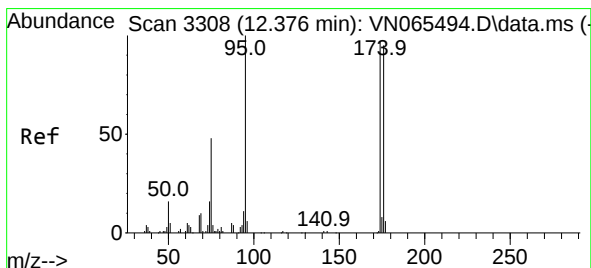
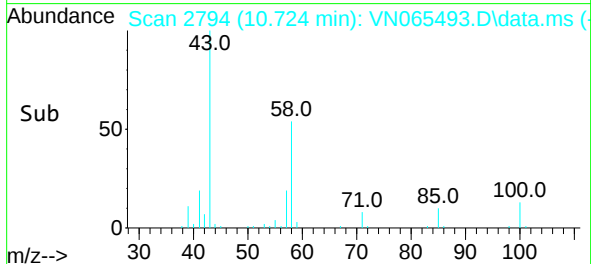
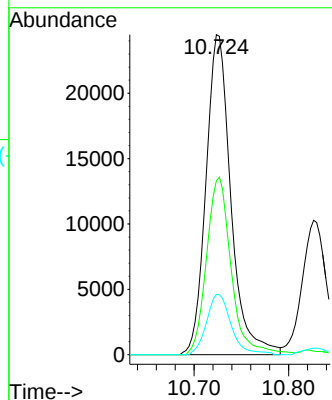
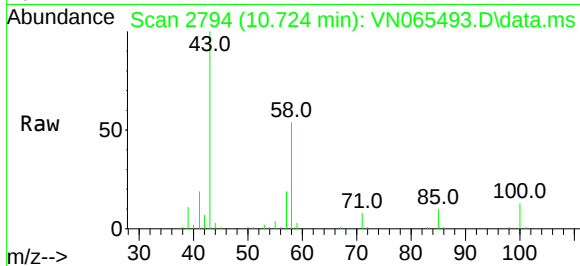
#59
2-Hexanone
Concen: 20.58 ug/l
RT: 10.724 min Scan# 2794
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion:	43	Resp:	44892
Ion	Ratio	Lower	Upper
43	100		
58	54.8	45.4	68.0
57	18.6	15.8	23.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

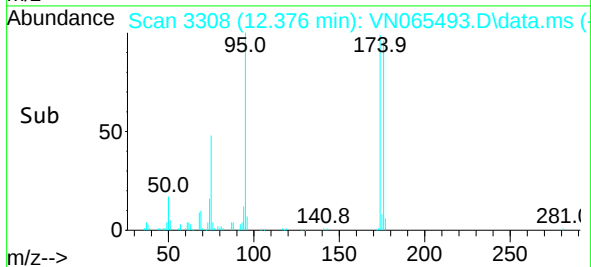
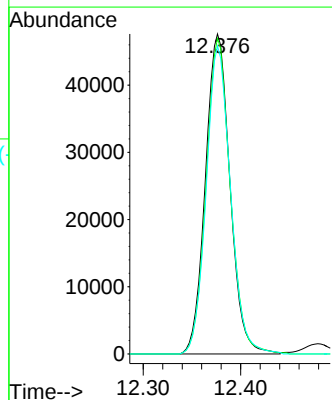
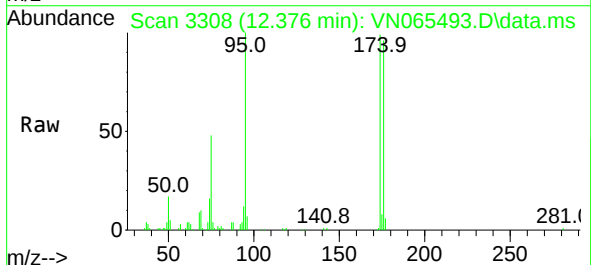
Manual Integrations
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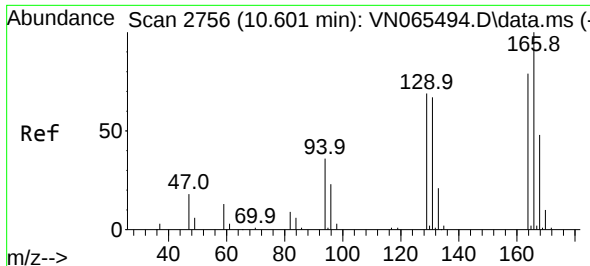
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1/15/2021 4:13:50 PM



#60
4-Bromofluorobenzene
Concen: 26.71 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion:	95	Resp:	83428
Ion	Ratio	Lower	Upper
95	100		
174	96.9	77.0	115.6
176	95.0	75.8	113.6





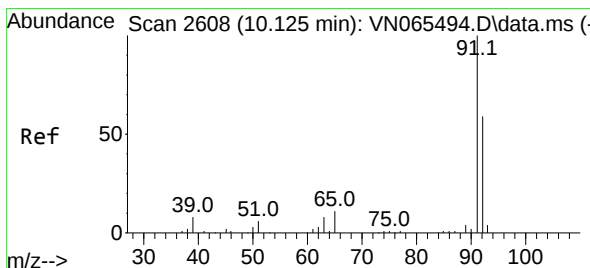
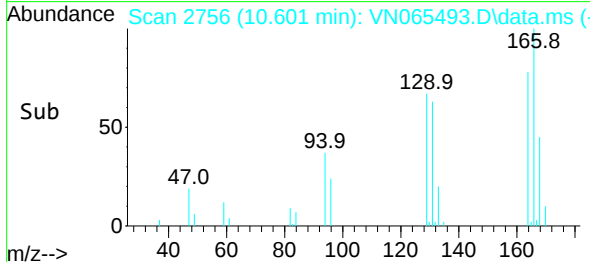
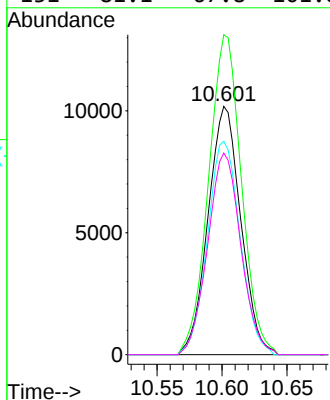
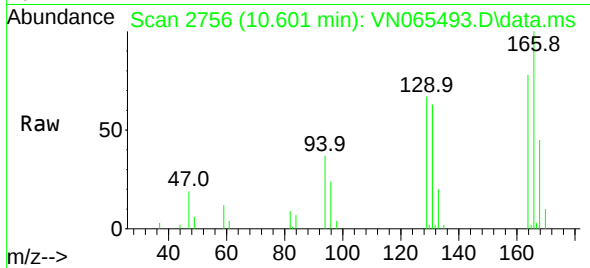
#61
Tetrachloroethene
Concen: 5.92 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion:164 Resp: 17823
Ion Ratio Lower Upper
164 100
166 128.9 101.2 151.8
129 86.0 69.7 104.5
131 81.1 67.8 101.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

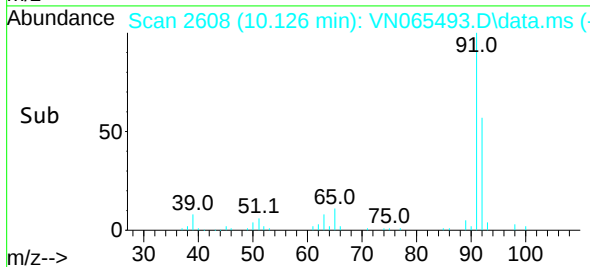
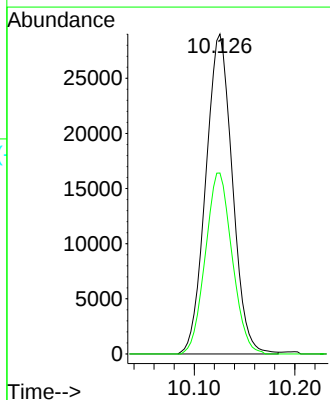
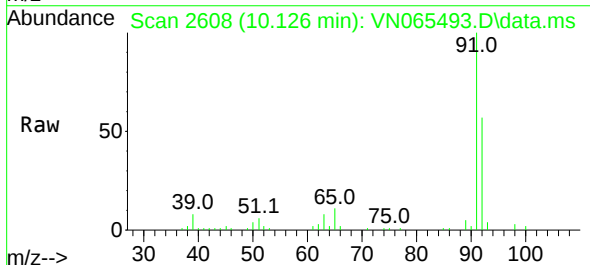
Manual Integrations
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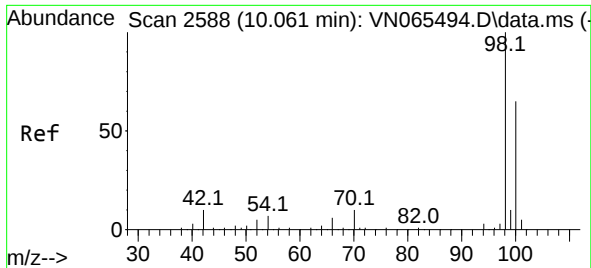
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1/15/2021 4:13:50 PM



#62
Toluene
Concen: 5.06 ug/l
RT: 10.126 min Scan# 2608
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion: 91 Resp: 53314
Ion Ratio Lower Upper
91 100
92 56.9 46.2 69.4





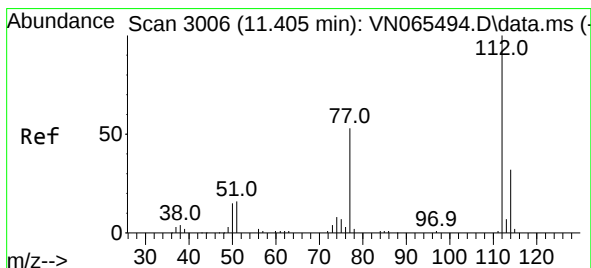
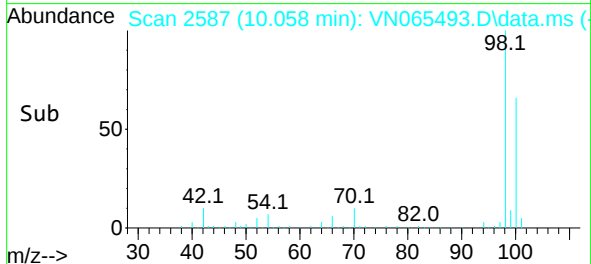
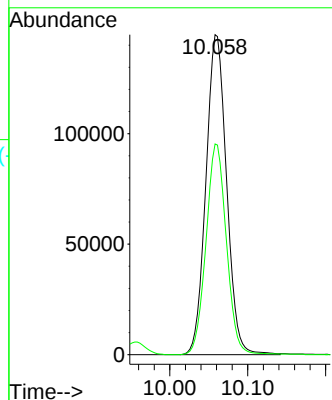
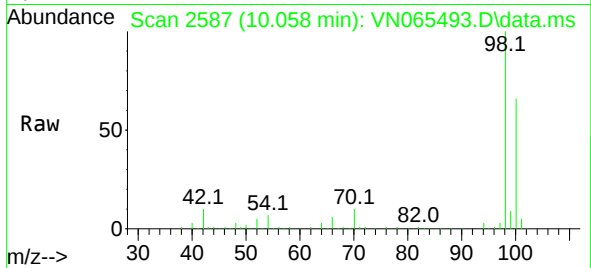
#63
Toluene-d8
Concen: 30.34 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.003 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion: 98 Resp: 266973
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

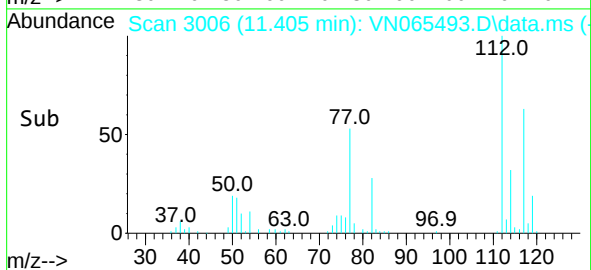
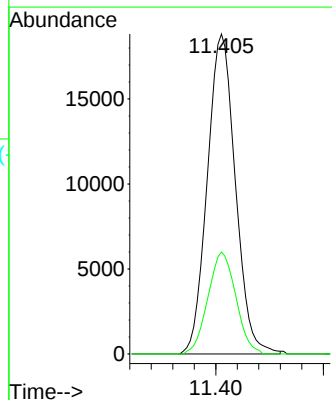
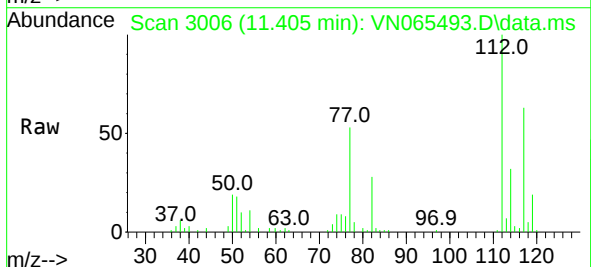
Manual Integrations
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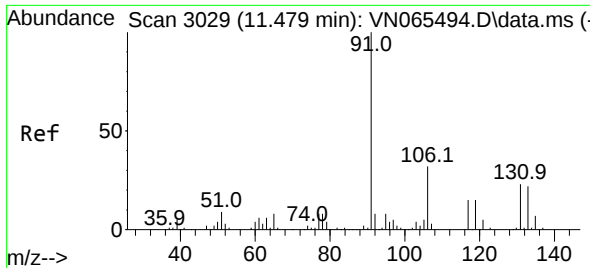
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#64
Chlorobenzene
Concen: 5.20 ug/l
RT: 11.405 min Scan# 3006
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion: 112 Resp: 34078
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3





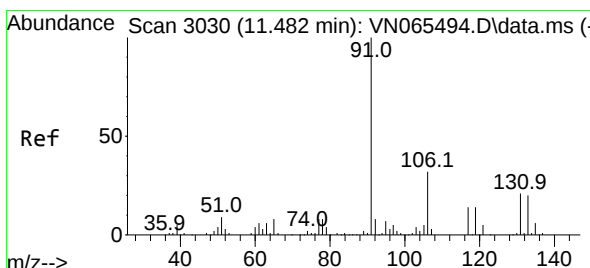
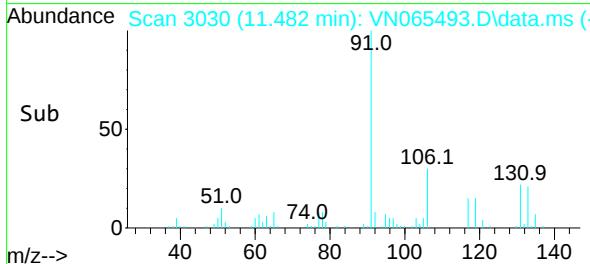
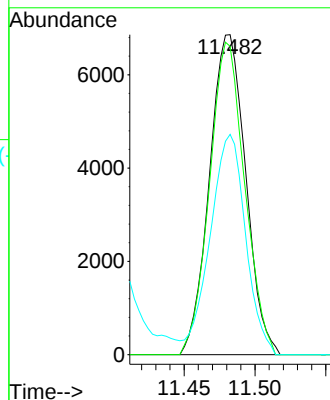
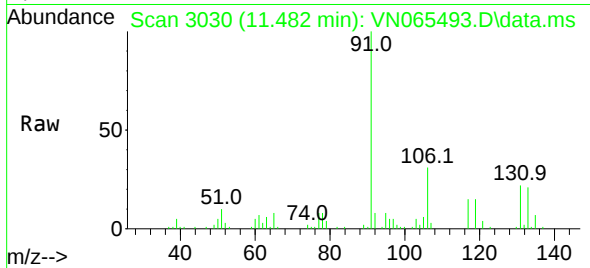
#65
1,1,1,2-Tetrachloroethane
Concen: 4.74 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.003 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.9	0.0	186.2
119	67.5	0.0	131.6

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

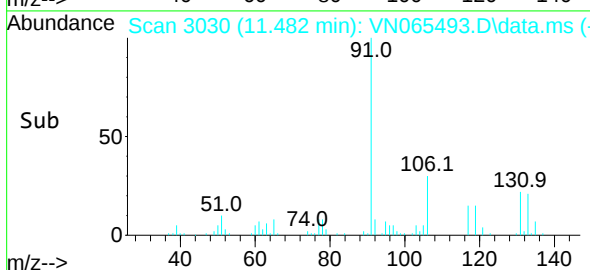
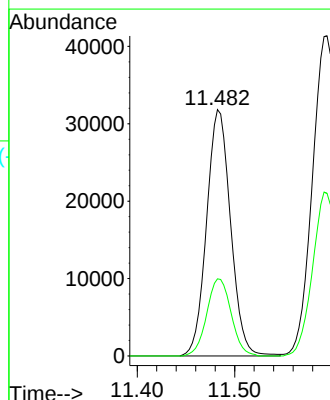
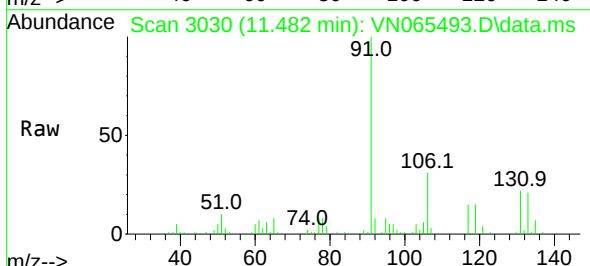
Manual Integrations
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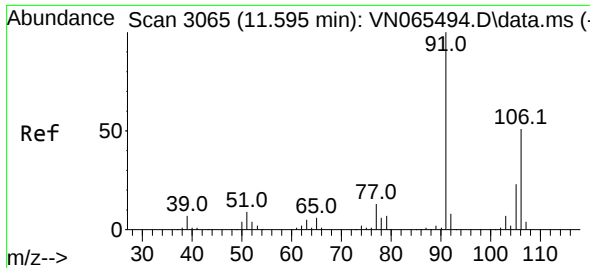
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#66
Ethyl Benzene
Concen: 4.66 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.3	25.5	38.3





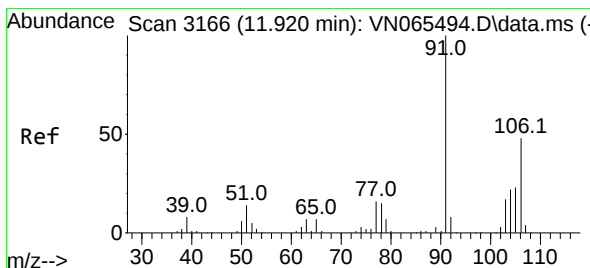
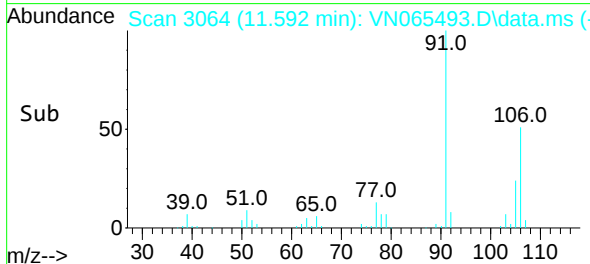
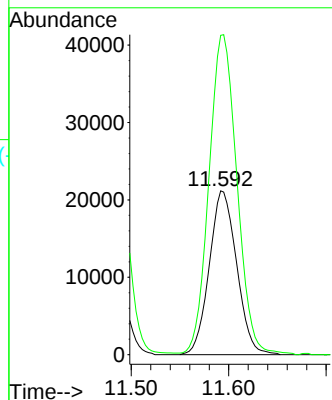
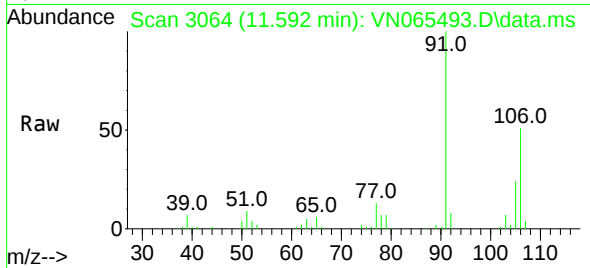
#67
m/p-Xylenes
Concen: 9.31 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. -0.003 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion:106 Resp: 41321
Ion Ratio Lower Upper
106 100
91 199.8 159.0 238.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

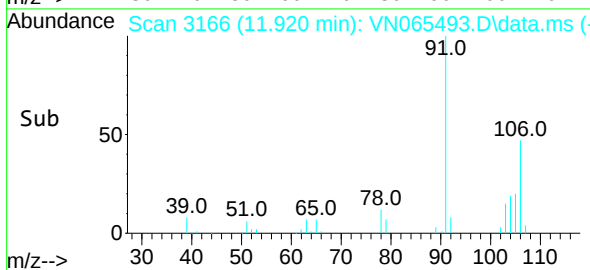
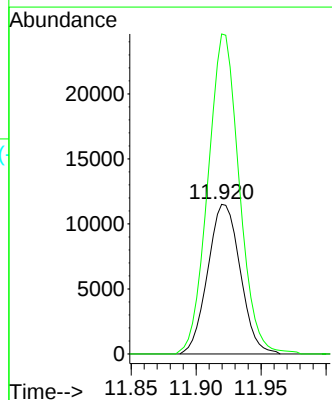
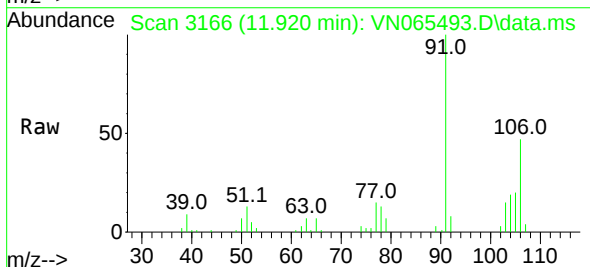
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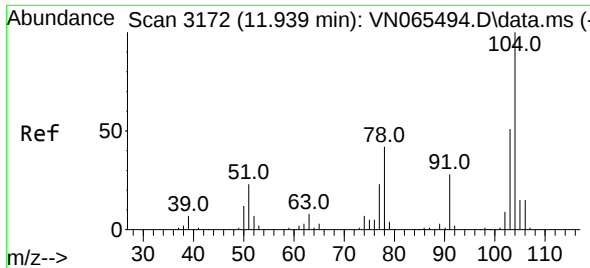
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#68
o-Xylene
Concen: 4.67 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion:106 Resp: 20039
Ion Ratio Lower Upper
106 100
91 206.2 104.7 313.9





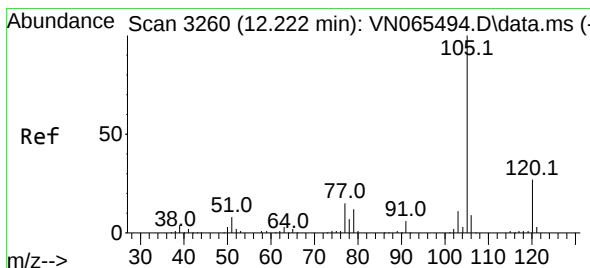
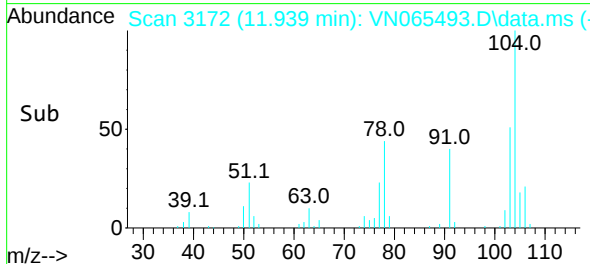
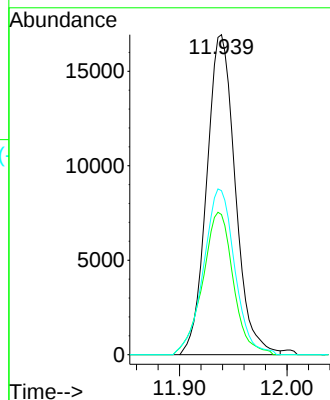
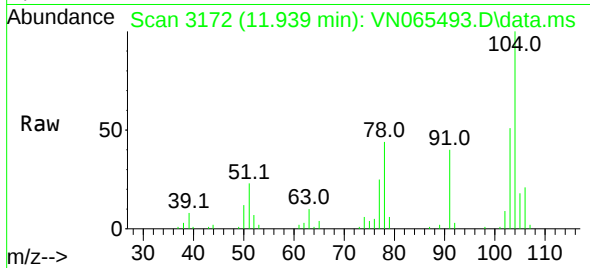
#69
Styrene
Concen: 4.34 ug/l
RT: 11.939 min Scan# 3172
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion:104 Resp: 31302
Ion Ratio Lower Upper
104 100
78 47.6 38.0 57.0
103 56.4 44.3 66.5

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

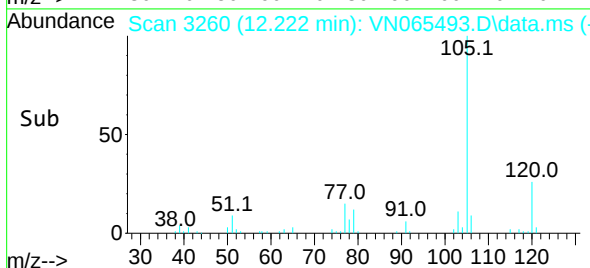
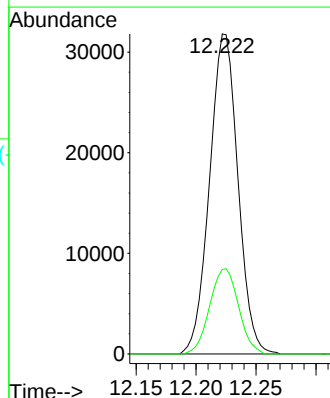
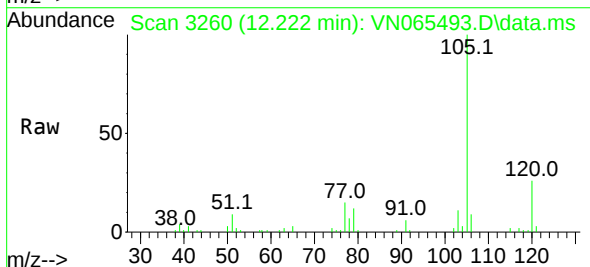
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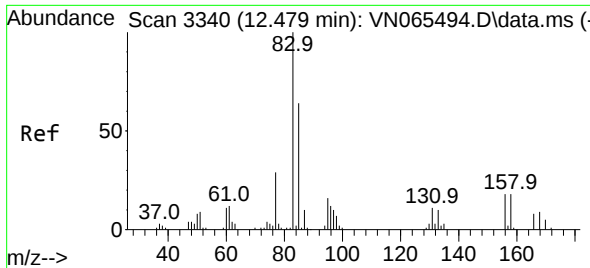
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#70
Isopropylbenzene
Concen: 4.58 ug/l
RT: 12.222 min Scan# 3260
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion:105 Resp: 52313
Ion Ratio Lower Upper
105 100
120 27.0 19.3 35.9





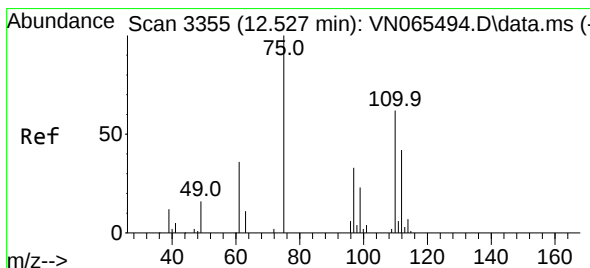
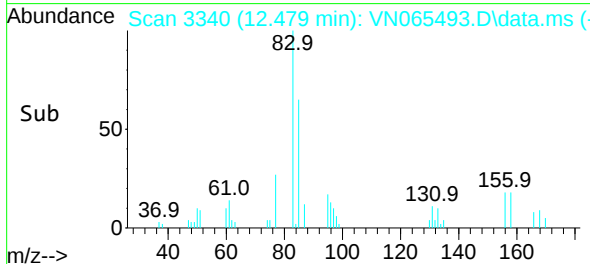
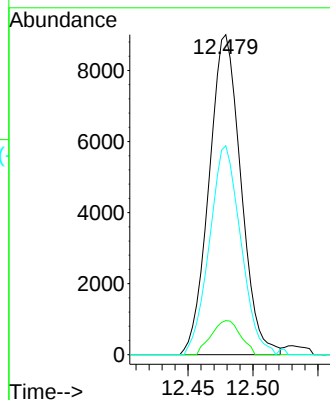
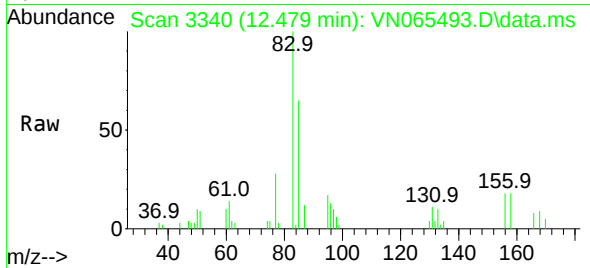
#71
1,1,2,2-Tetrachloroethane
Concen: 4.91 ug/l
RT: 12.479 min Scan# 3340
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion: 83 Resp: 15381
Ion Ratio Lower Upper
83 100
131 9.7 5.5 16.4
85 64.0 32.1 96.5

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

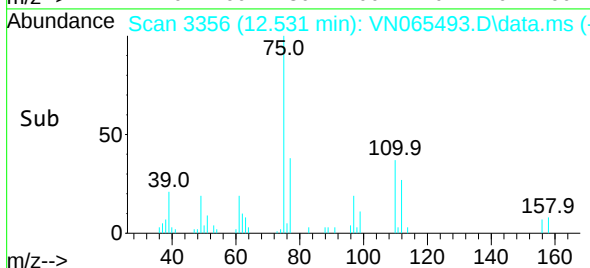
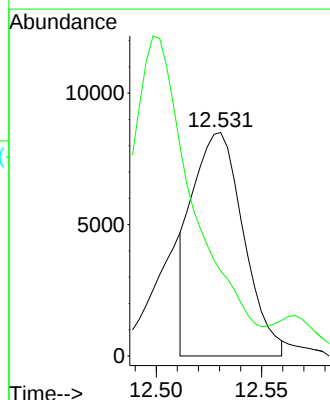
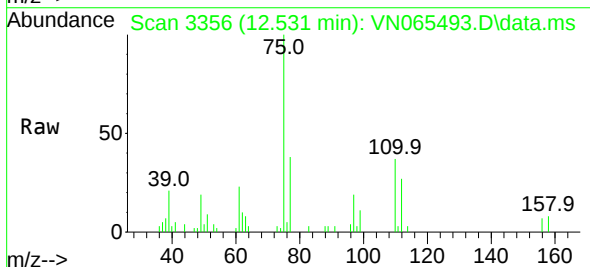
Manual Integrations
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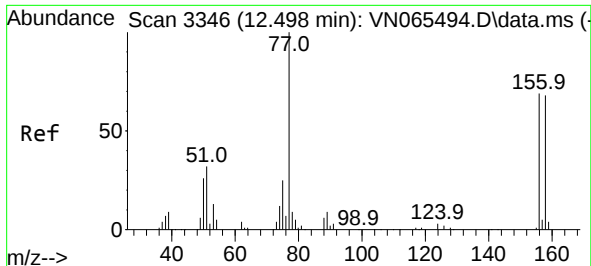
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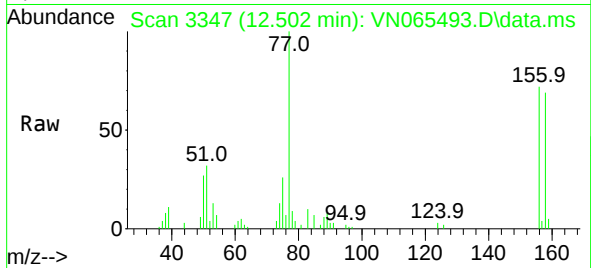
#72
1,2,3-Trichloropropane
Concen: 4.61 ug/l m
RT: 12.531 min Scan# 3356
Delta R.T. 0.003 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion: 75 Resp: 14332
Ion Ratio Lower Upper
75 100
77 182.6 0.0 366.4

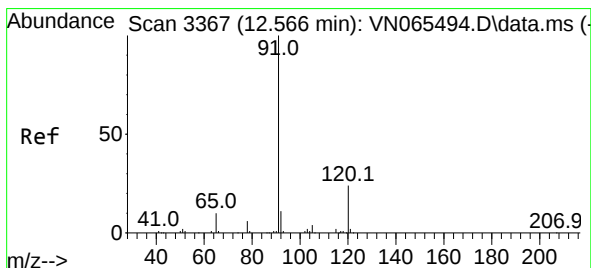
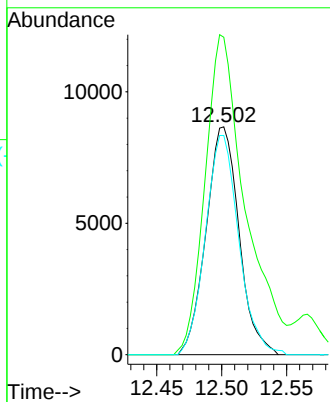
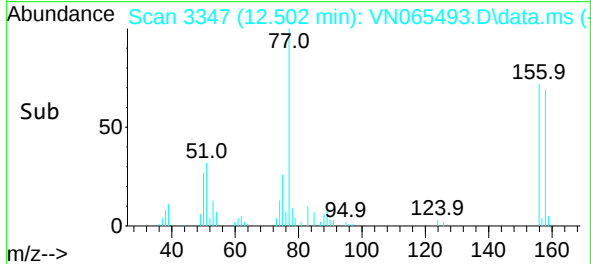




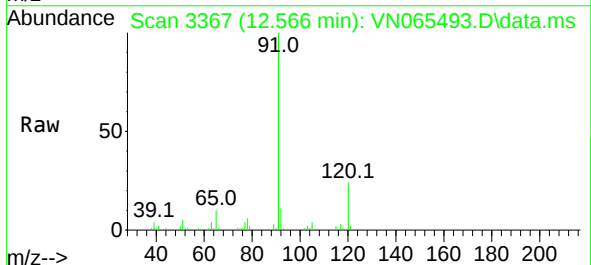
#73
Bromobenzene
Concen: 5.06 ug/l
RT: 12.502 min Scan# 3347
Delta R.T. 0.003 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30



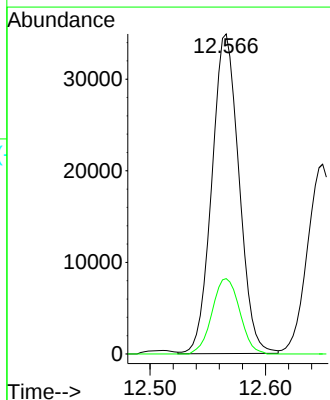
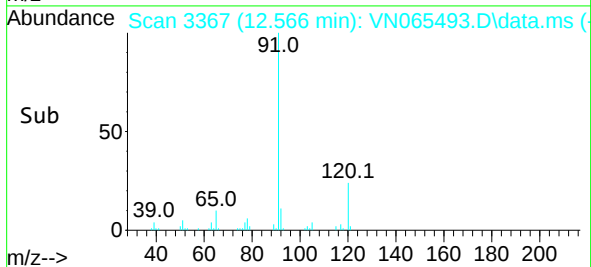
Tgt Ion: 156 Resp: 15322
Ion Ratio Lower Upper
156 100
77 170.8 0.0 348.8
158 97.1 0.0 194.8



#74
n-propylbenzene
Concen: 4.40 ug/l
RT: 12.566 min Scan# 3367
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30



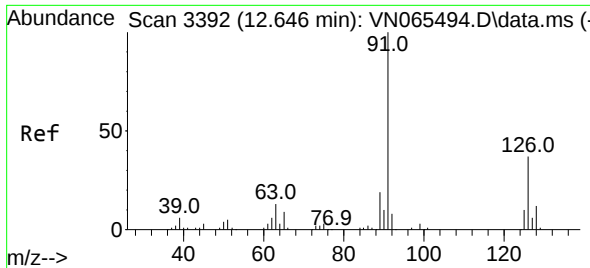
Tgt Ion: 91 Resp: 57043
Ion Ratio Lower Upper
91 100
120 24.0 0.0 49.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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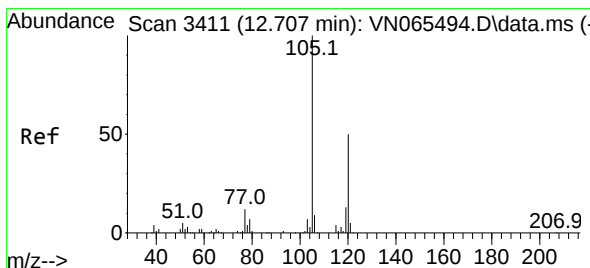
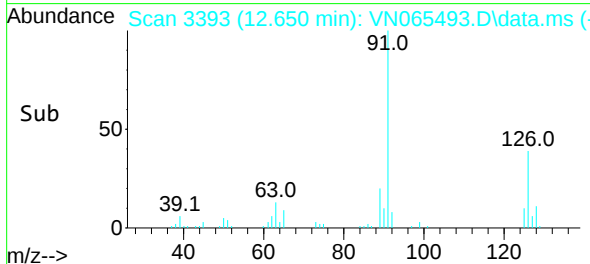
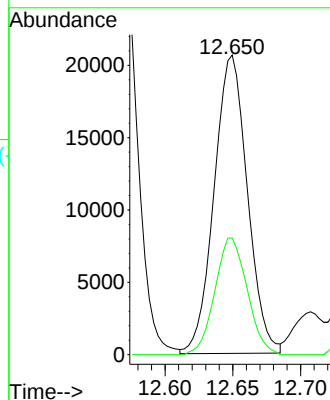
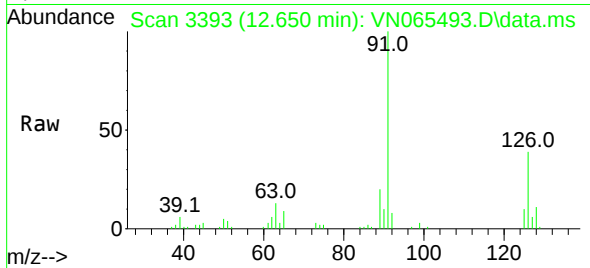
#75
2-Chlorotoluene
Concen: 4.57 ug/l
RT: 12.650 min Scan# 3393
Delta R.T. 0.003 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion: 91 Resp: 35211
Ion Ratio Lower Upper
91 100
126 37.9 0.0 74.2

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

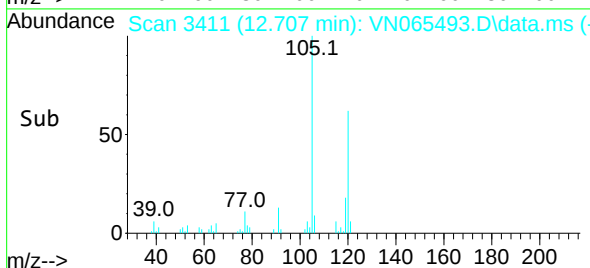
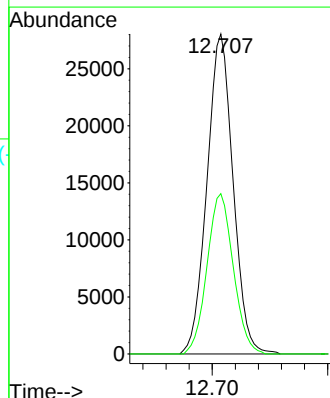
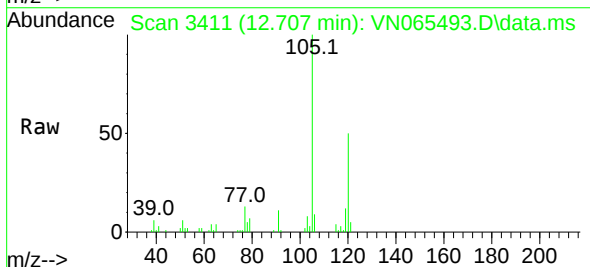
Manual Integrations
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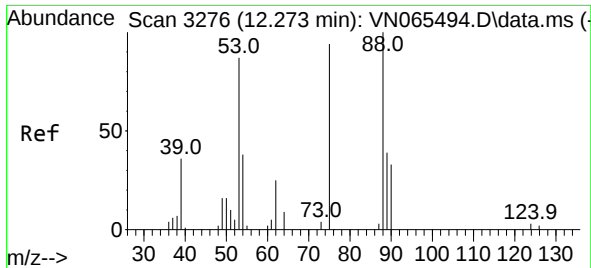
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#76
1,3,5-Trimethylbenzene
Concen: 4.51 ug/l
RT: 12.707 min Scan# 3411
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion: 105 Resp: 44019
Ion Ratio Lower Upper
105 100
120 50.4 0.0 101.6





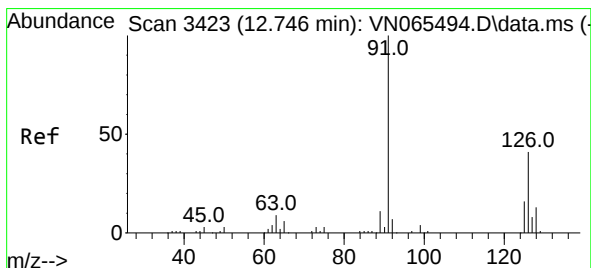
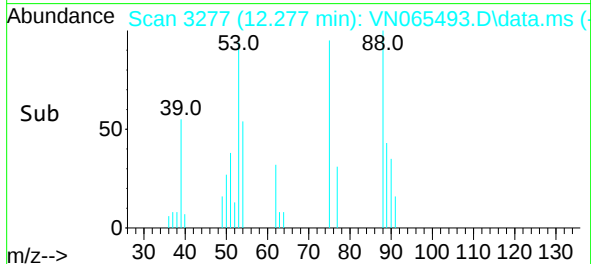
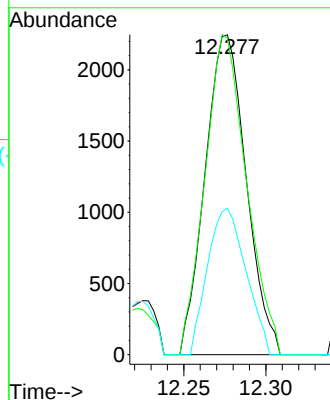
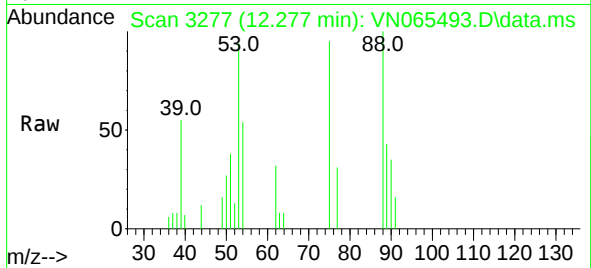
#77
t-1,4-Dichloro-2-butene
Concen: 3.26 ug/l
RT: 12.277 min Scan# 3277
Delta R.T. 0.003 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion: 75 Resp: 3918
Ion Ratio Lower Upper
75 100
53 99.0 44.9 134.5
89 45.8 21.3 64.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

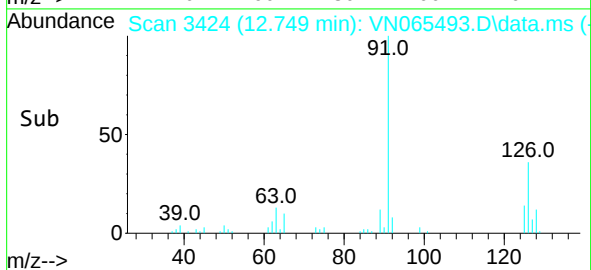
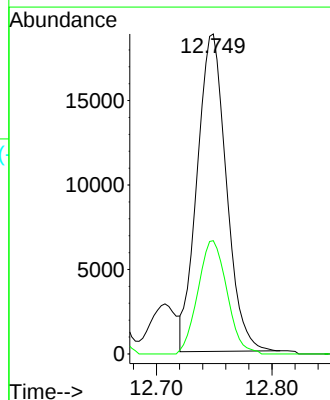
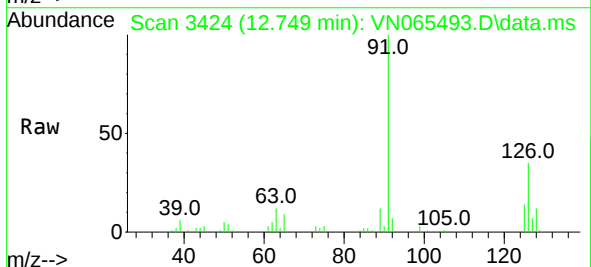
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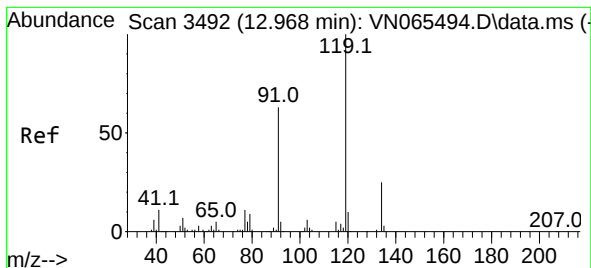
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1/15/2021 4:13:50 PM



#78
4-Chlorotoluene
Concen: 4.22 ug/l
RT: 12.749 min Scan# 3424
Delta R.T. 0.003 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

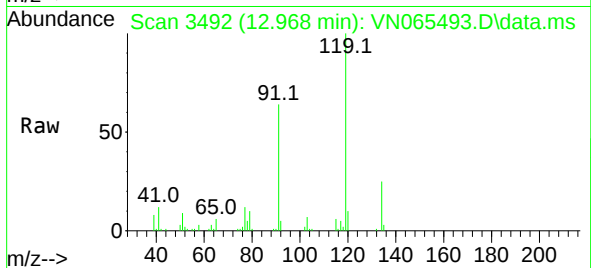
Tgt Ion: 91 Resp: 33009
Ion Ratio Lower Upper
91 100
126 35.5 0.0 71.4





#79
tert-butylbenzene
Concen: 4.58 ug/l
RT: 12.968 min Scan# 3492
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

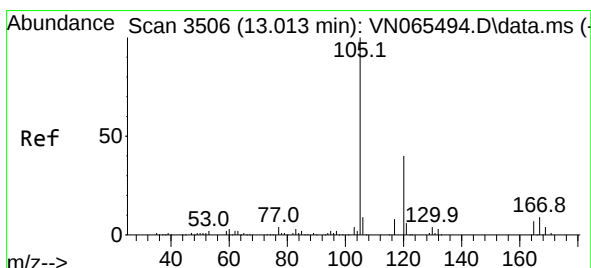
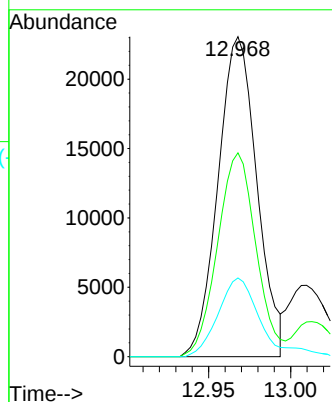
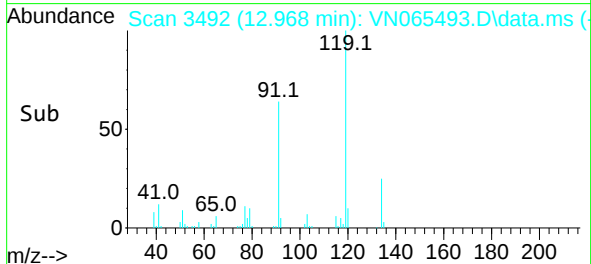
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



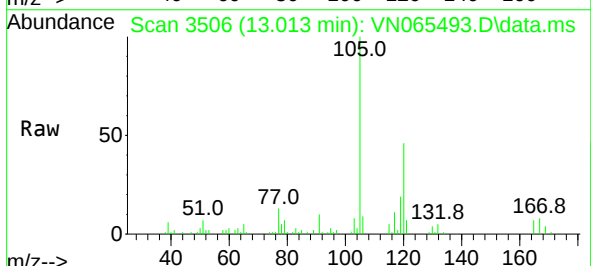
Tgt Ion:119 Resp: 38029
Ion Ratio Lower Upper
119 100
91 63.1 0.0 126.0
134 26.7 0.0 51.2

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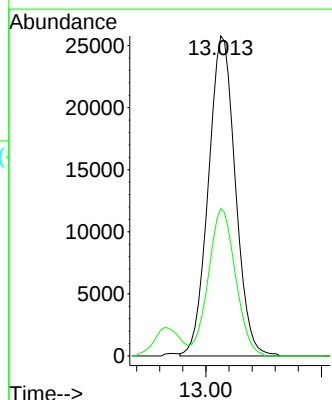
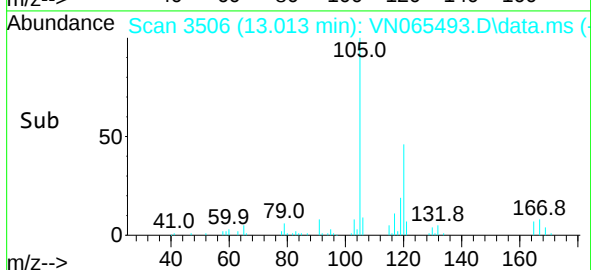
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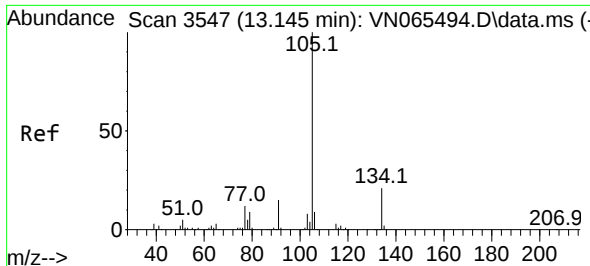


#80
1,2,4-Trimethylbenzene
Concen: 4.32 ug/l
RT: 13.013 min Scan# 3506
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30



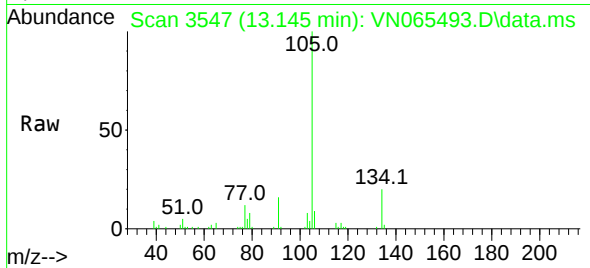
Tgt Ion:105 Resp: 41777
Ion Ratio Lower Upper
105 100
120 46.5 0.0 93.6





#81
 sec-Butylbenzene
 Concen: 4.42 ug/l
 RT: 13.145 min Scan# 3547
 Delta R.T. 0.000 min
 Lab File: VN065493.D
 Acq: 13 Jan 2021 17:30

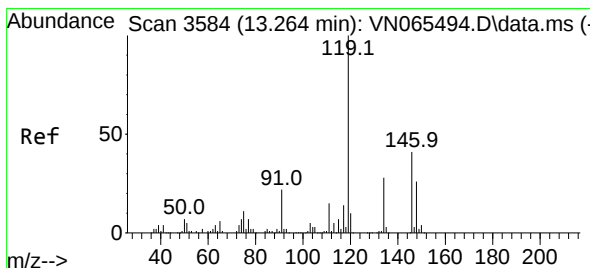
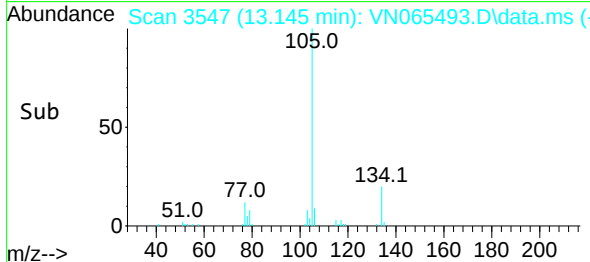
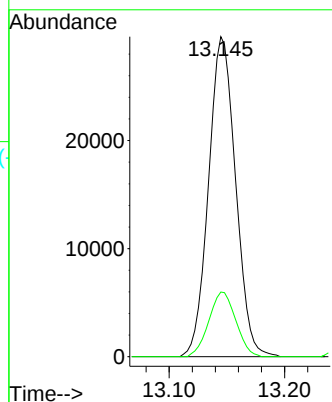
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion:105 Resp: 48191
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 42.2

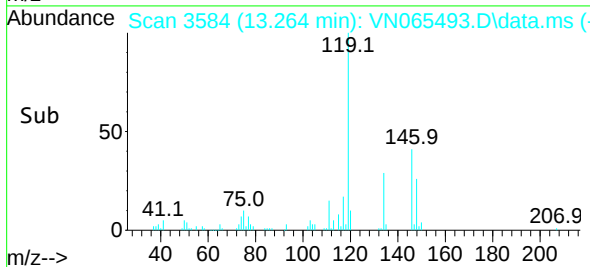
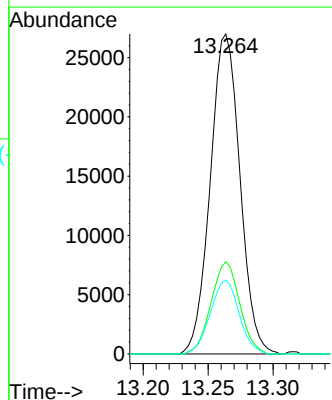
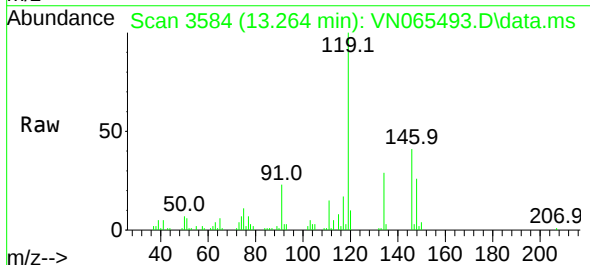
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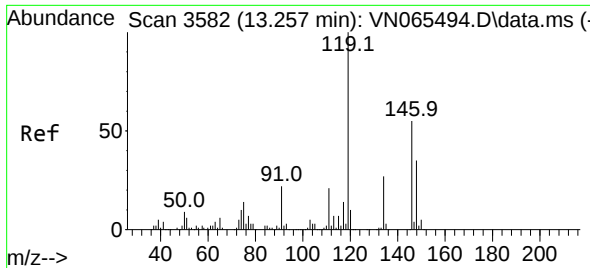
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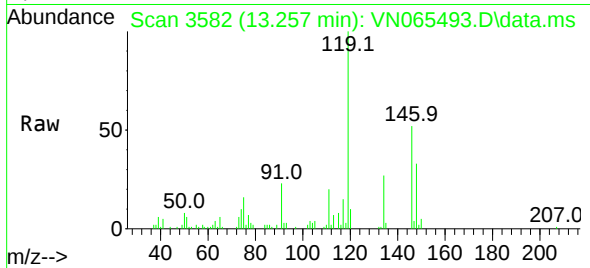
#82
 p-Isopropyltoluene
 Concen: 4.26 ug/l
 RT: 13.264 min Scan# 3584
 Delta R.T. 0.000 min
 Lab File: VN065493.D
 Acq: 13 Jan 2021 17:30

Tgt Ion:119 Resp: 42923
 Ion Ratio Lower Upper
 119 100
 134 27.7 0.0 54.8
 91 22.4 0.0 44.8

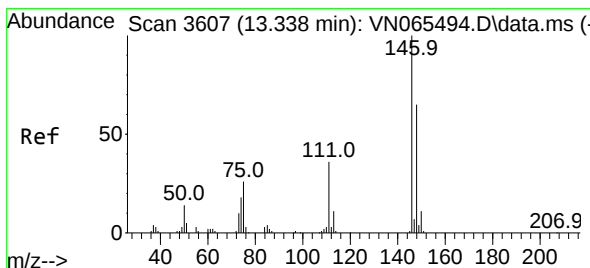
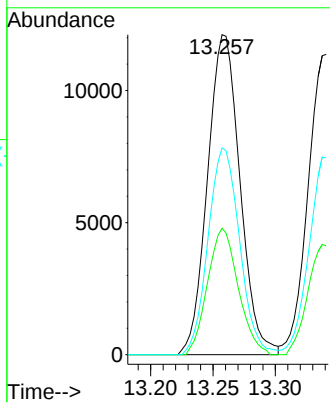
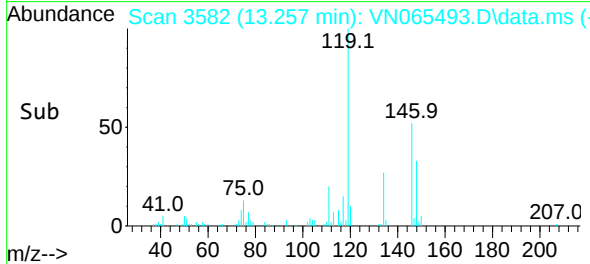




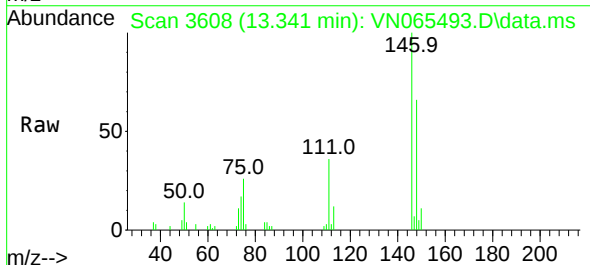
#83
1,3-Dichlorobenzene
Concen: 4.38 ug/l
RT: 13.257 min Scan# 3582
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30



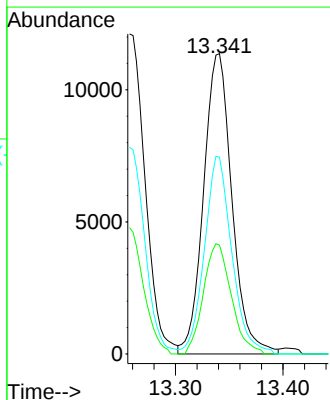
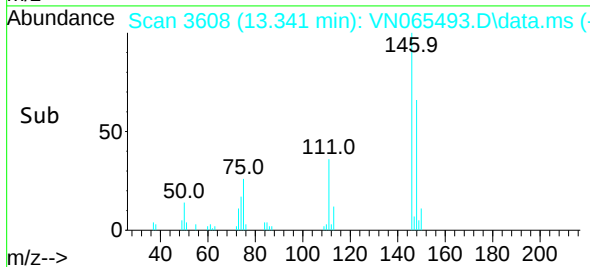
Tgt Ion:146 Resp: 21995
Ion Ratio Lower Upper
146 100
111 37.3 18.6 55.8
148 62.8 32.0 96.2



#84
1,4-Dichlorobenzene
Concen: 4.21 ug/l
RT: 13.341 min Scan# 3608
Delta R.T. 0.003 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30



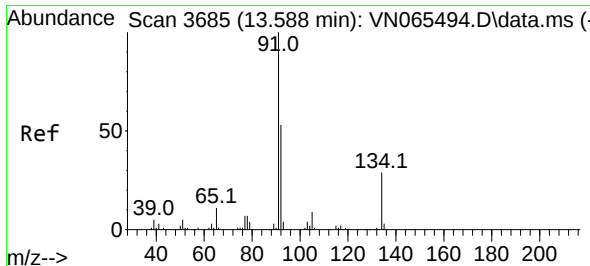
Tgt Ion:146 Resp: 20872
Ion Ratio Lower Upper
146 100
111 35.9 17.9 53.7
148 63.5 31.8 95.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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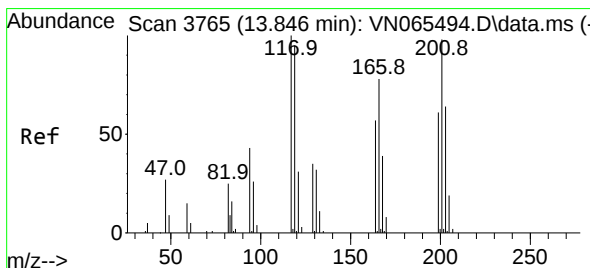
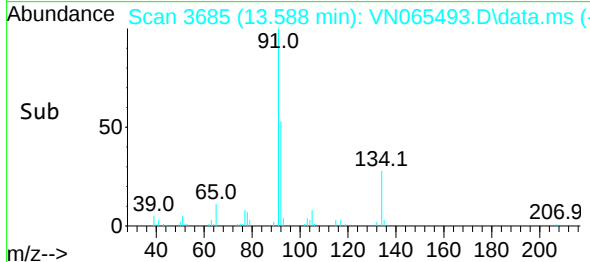
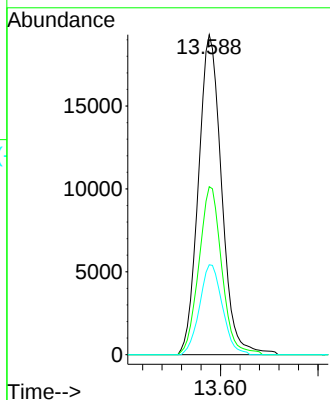
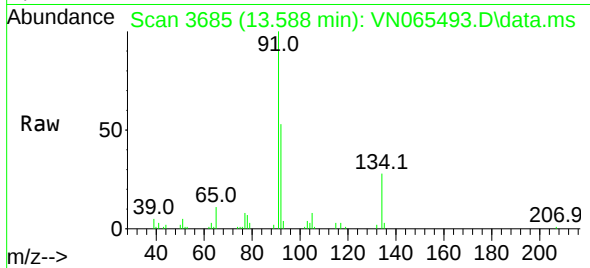
#85
n-Butylbenzene
Concen: 3.77 ug/l
RT: 13.588 min Scan# 3685
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion: 91	Resp: 31864
Ion Ratio	Lower Upper
91 100	
92 51.9	0.0 104.8
134 27.7	0.0 55.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

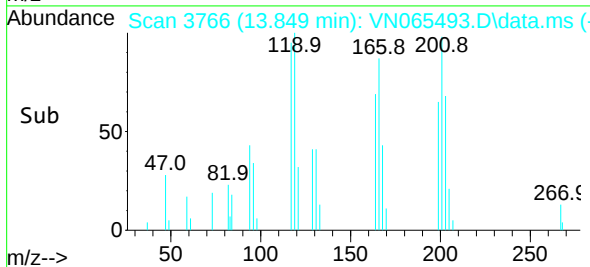
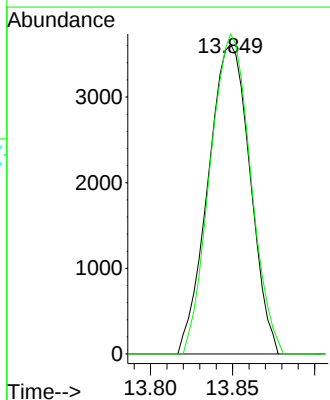
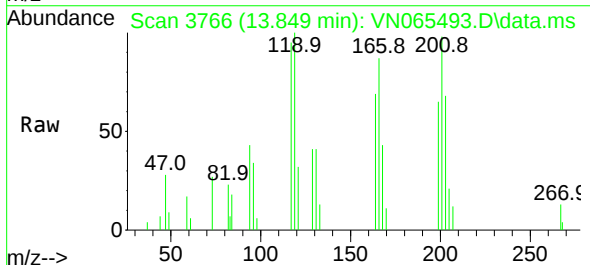
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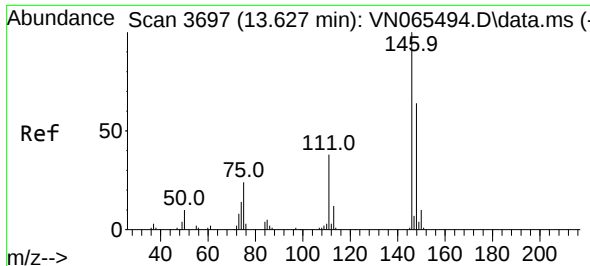
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1/15/2021 4:13:50 PM



#86
Hexachloroethane
Concen: 3.57 ug/l
RT: 13.849 min Scan# 3766
Delta R.T. 0.003 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion:117	Resp:	6410	
Ion	Ratio	Lower	Upper
117	100		
201	100.0	48.4	145.3





#87

1,2-Dichlorobenzene

Concen: 4.55 ug/l

RT: 13.630 min Scan# 3698

Delta R.T. 0.003 min

Lab File: VN065493.D

Acq: 13 Jan 2021 17:30

Tgt Ion:	146	Resp:	22210
Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.9
148	63.9	32.3	96.8

Instrument :

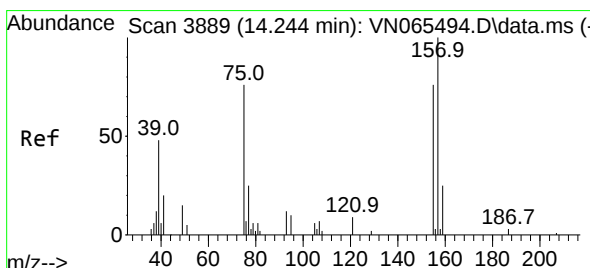
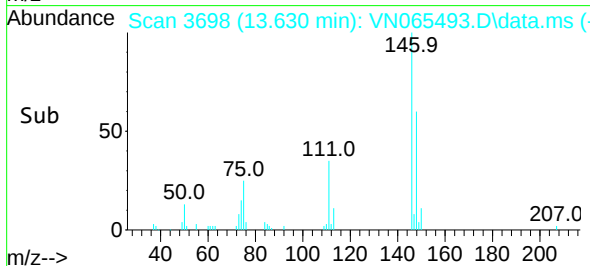
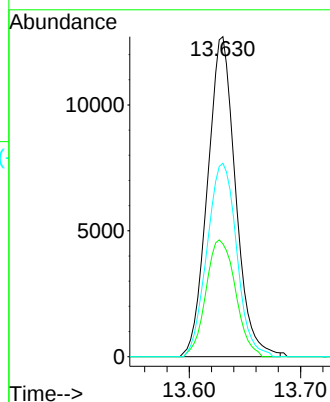
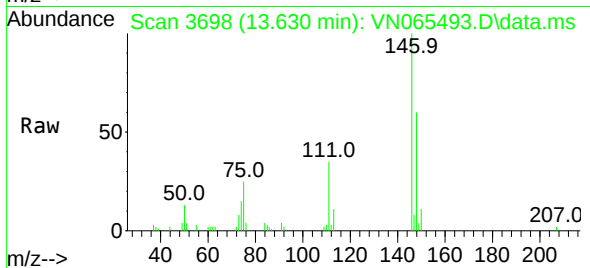
MSVOA_N

ClientSampleId :

VSTDIC005

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1/15/2021 4:13:50 PM



#88

1,2-Dibromo-3-Chloropropane

Concen: 3.18 ug/l

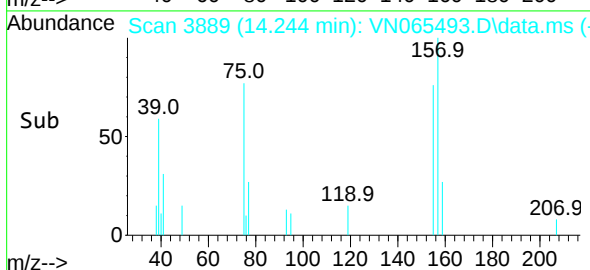
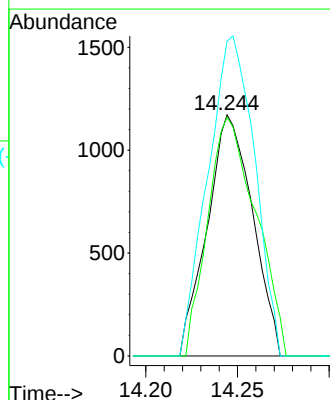
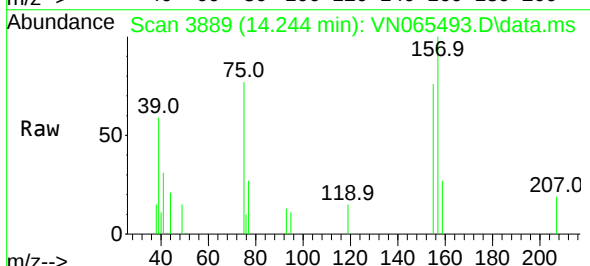
RT: 14.244 min Scan# 3889

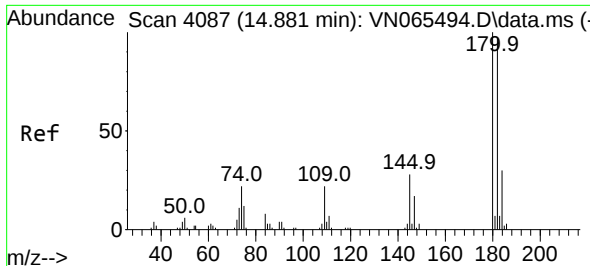
Delta R.T. 0.000 min

Lab File: VN065493.D

Acq: 13 Jan 2021 17:30

Tgt Ion:	75	Resp:	2013
Ion	Ratio	Lower	Upper
75	100		
155	105.0	76.9	115.3
157	137.0	105.8	158.8





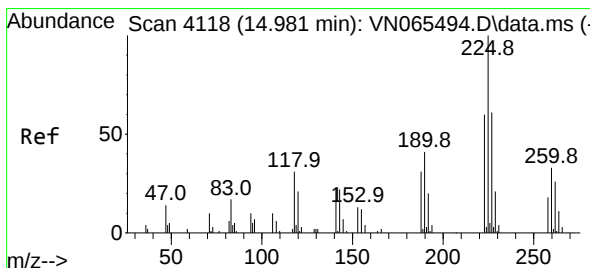
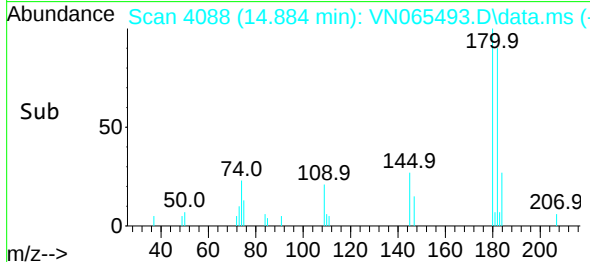
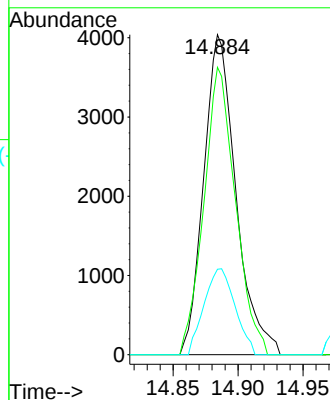
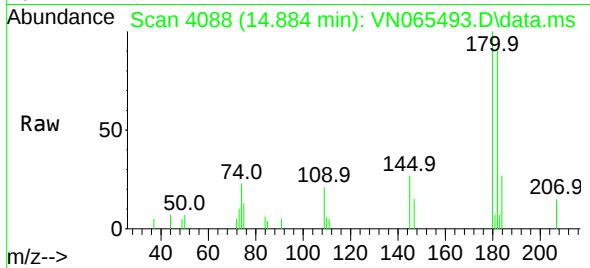
#89
1,2,4-Trichlorobenzene
Concen: 2.74 ug/l
RT: 14.884 min Scan# 4088
Delta R.T. 0.003 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	87.7	78.5	117.7
145	25.7	23.8	35.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

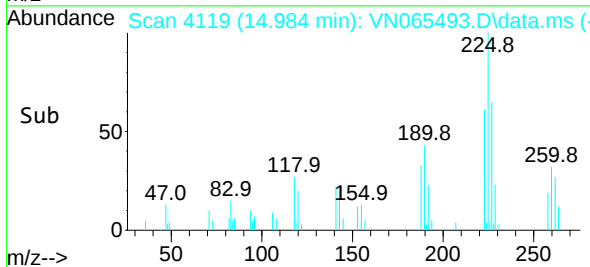
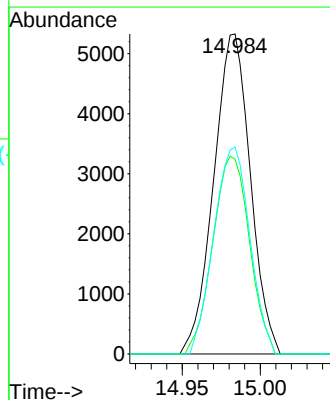
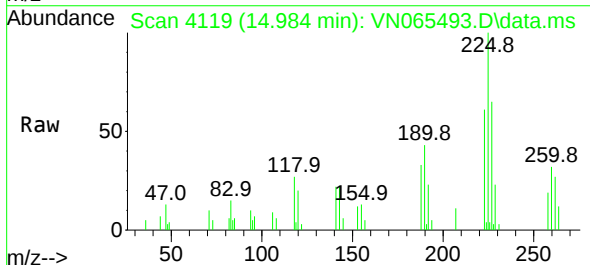
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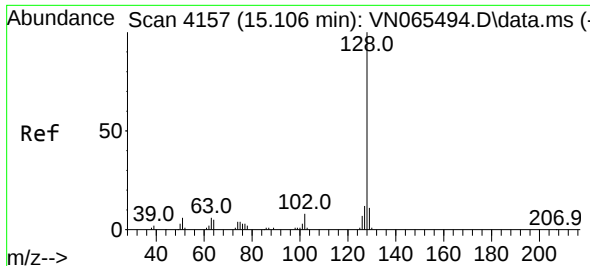
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1/15/2021 4:13:50 PM



#90
Hexachlorobutadiene
Concen: 5.06 ug/l
RT: 14.984 min Scan# 4119
Delta R.T. 0.003 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

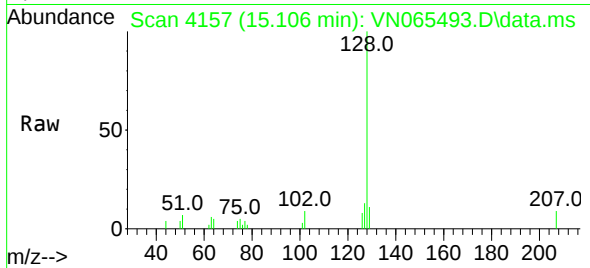
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	0.0	122.0
227	63.7	0.0	126.4





#91
Naphthalene
Concen: 2.36 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.000 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30

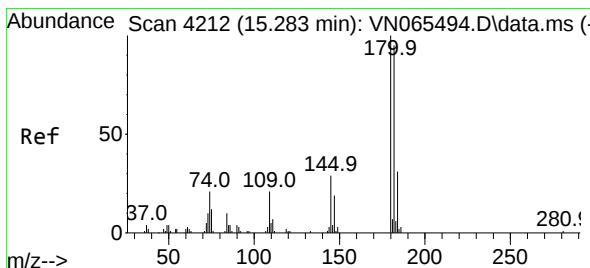
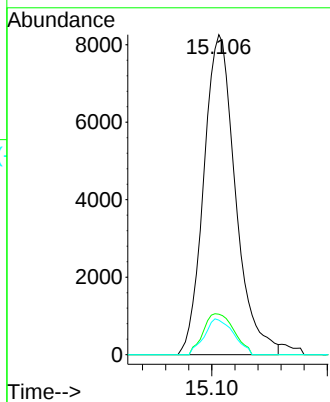
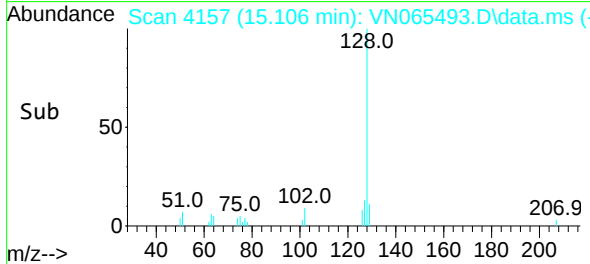
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



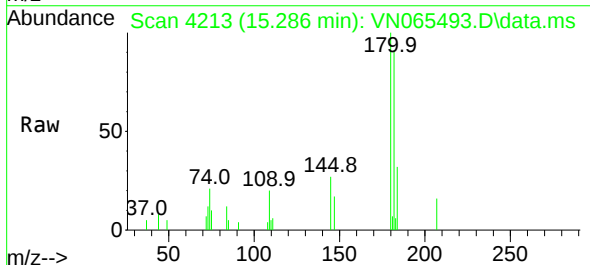
Tgt Ion:128 Resp: 15768
Ion Ratio Lower Upper
128 100
127 12.4 10.1 15.1
129 10.2 8.6 12.8

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1/15/2021 4:13:50 PM



#92
1,2,3-Trichlorobenzene
Concen: 3.06 ug/l
RT: 15.286 min Scan# 4213
Delta R.T. 0.003 min
Lab File: VN065493.D
Acq: 13 Jan 2021 17:30



Tgt Ion:180 Resp: 7426
Ion Ratio Lower Upper
180 100
182 92.6 0.0 190.4
145 27.8 0.0 57.8

