

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
 Data File : VX019071.D
 Acq On : 23 Oct 2020 11:00
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 11:17:13 AM

Quant Time: Oct 23 11:50:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 23 11:41:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	48283	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	260584	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	245178	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	92282	29.59	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.63%
60) 4-Bromofluorobenzene	11.12	95	110305	29.21	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.37%
63) Toluene-d8	8.70	98	316035	29.20	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.33%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	264184	115.251	ug/l 100
3) Chloromethane	1.31	50	238066	96.666	ug/l 99
4) Vinyl Chloride	1.39	62	307733	99.333	ug/l 99
5) Bromomethane	1.64	94	216214	111.905	ug/l 97
6) Chloroethane	1.71	64	214805	100.551	ug/l 99
7) Trichlorofluoromethane	1.92	101	540428	109.460	ug/l 96
8) Diethyl Ether	2.17	74	207048	106.919	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	259100	96.703	ug/l 99
10) 1,1-Dichloroethene	2.35	96	267191	96.045	ug/l 96
11) Methyl Iodide	2.49	142	312772	99.544	ug/l 93
12) Methyl Acetate	2.75	43	273063	99.712	ug/l 96
13) Acrolein	2.28	56	125691	260.513	ug/l 98
14) Acrylonitrile	3.12	53	640886	504.040	ug/l 99
15) Acetone	2.42	58	188864	466.663	ug/l 96
16) Carbon Disulfide	2.55	76	739664	106.362	ug/l 99
17) Allyl chloride	2.71	41	337593	94.245	ug/l 99
18) Methylene Chloride	2.84	84	307994	107.843	ug/l 97
19) trans-1,2-Dichloroethene	3.14	96	313018	108.991	ug/l 99
20) Diisopropyl ether	3.82	45	679718	100.884	ug/l 99
21) 1,1-Dichloroethane	3.67	63	494814	106.096	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	363075	111.198	ug/l 100
23) tert-Butyl Alcohol	3.03	59	309431	449.894	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	856111	109.518	ug/l 98
25) Chloroform	5.18	83	556741	111.800	ug/l 95
26) Cyclohexane	5.55	56	384262	103.218	ug/l # 100
29) 1,1-Dichloropropene	5.77	75	419709	113.246	ug/l 100
30) 2-Butanone	4.63	43	876364	491.131	ug/l 100
31) 2,2-Dichloropropane	4.55	77	476683	109.604	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	507379	112.781	ug/l 99
33) Carbon Tetrachloride	5.76	117	449533	110.351	ug/l 97
34) Benzene	6.12	78	1246636	113.533	ug/l 98
35) Methacrylonitrile	5.00	41	186836	99.874	ug/l 95
36) 1,2-Dichloroethane	6.17	62	419142	115.335	ug/l 100
37) Trichloroethene	7.19	130	360394	112.590	ug/l 99
38) Methylcyclohexane	7.44	83	471227	111.887	ug/l 99
39) 1,2-Dichloropropane	7.49	63	292478	110.105	ug/l 98
40) Dibromomethane	7.63	93	228119	115.946	ug/l 97

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	459817	115.593	ug/l	99
42) Vinyl Acetate	3.79	43	3301799	508.515	ug/l	98
43) Ethyl Acetate	4.79	43	355906	95.576	ug/l	98
44) Isopropyl Acetate	6.41	43	604432	101.003	ug/l	100
45) 1,4-Dioxane	7.73	88	124650	1965.094	ug/l	99
46) Methyl methacrylate	7.74	41	288070	103.174	ug/l	99
47) n-amyl Acetate	10.88	43	486043	98.953	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	515581	114.143	ug/l	99
49) cis-1,3-Dichloropropene	8.41	75	543087	113.022	ug/l	100
50) 1,1,2-Trichloroethane	9.20	97	337639	120.404	ug/l	99
51) Ethyl methacrylate	9.16	69	493705	112.840	ug/l	98
52) 1,3-Dichloropropane	9.35	76	538775	116.102	ug/l	100
53) Dibromochloromethane	9.57	129	388125	118.647	ug/l	99
54) 1,2-Dibromoethane	9.65	107	364758	118.316	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	1356891	573.736	ug/l	99
56) Bromoform	10.84	173	278159	111.162	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	1745327	463.829	ug/l	99
59) 2-Hexanone	9.48	43	1280029	446.571	ug/l	99
61) Tetrachloroethene	9.32	164	324543	109.115	ug/l	94
62) Toluene	8.77	91	1436054	110.688	ug/l	100
64) Chlorobenzene	10.12	112	917996	112.572	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	340869	108.725	ug/l	100
66) Ethyl Benzene	10.24	91	1608595	112.797	ug/l	97
67) m/p-Xylenes	10.34	106	1235820	221.989	ug/l	100
68) o-Xylene	10.68	106	592485	112.766	ug/l	98
69) Styrene	10.69	104	1016130	112.956	ug/l	99
70) Isopropylbenzene	11.00	105	1607192	115.117	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	453305	104.280	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	396330m	98.142	ug/l	
73) Bromobenzene	11.24	156	392363	109.981	ug/l	97
74) n-propylbenzene	11.35	91	1783364	111.989	ug/l	98
75) 2-Chlorotoluene	11.40	91	1002203	109.388	ug/l	98
76) 1,3,5-Trimethylbenzene	11.49	105	1285754	110.505	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	168374	98.519	ug/l	95
78) 4-Chlorotoluene	11.49	91	1175328	108.815	ug/l	97
79) tert-butylbenzene	11.76	119	1274529	108.506	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	1263704	108.636	ug/l	98
81) sec-Butylbenzene	11.93	105	1491656	109.999	ug/l	99
82) p-Isopropyltoluene	12.05	119	1377155	109.445	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	681645	106.710	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	696723	108.156	ug/l	100
85) n-Butylbenzene	12.37	91	1240733	109.786	ug/l	99
86) Hexachloroethane	12.58	117	217719	104.170	ug/l	98
87) 1,2-Dichlorobenzene	12.38	146	646226	104.730	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	107012	102.980	ug/l	96
89) 1,2,4-Trichlorobenzene	13.63	180	502265	111.367	ug/l	96
90) Hexachlorobutadiene	13.76	225	204879	108.858	ug/l	96
91) Naphthalene	13.82	128	1609945	109.793	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	468993	107.057	ug/l	100

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ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
VSTDICC100

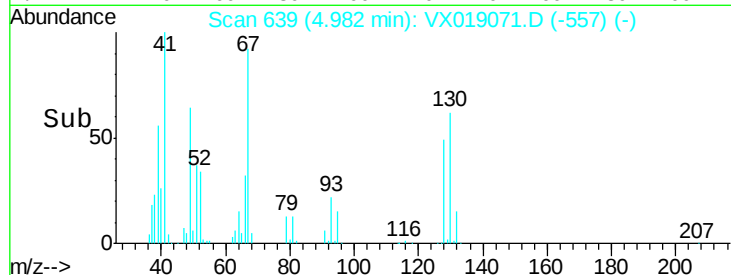
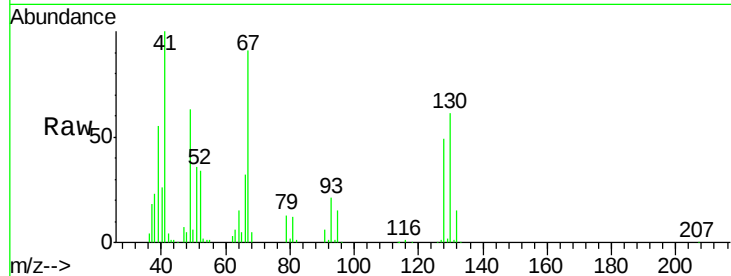
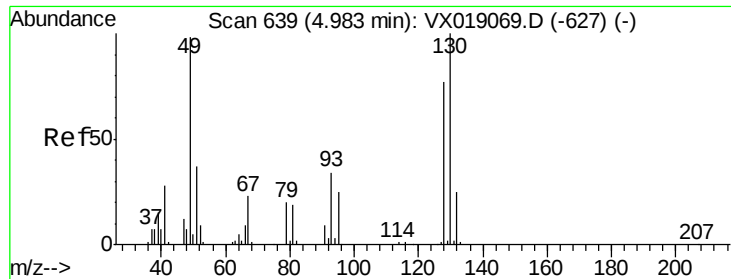
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



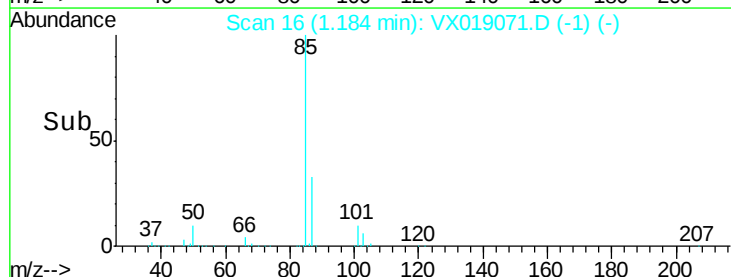
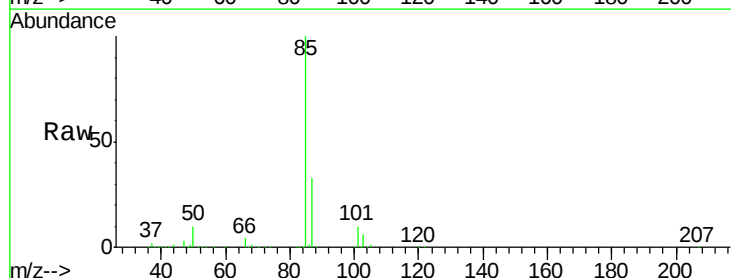
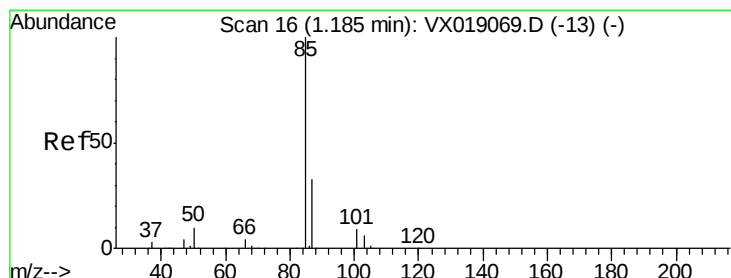
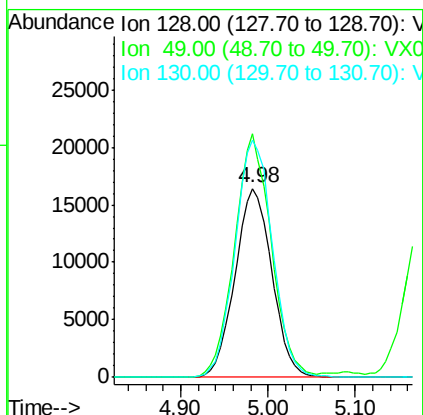
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tot Ion	Ratio	Lower	Upper
128	100		
49	128.0	0.0	318.8
130	127.6	0.0	321.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

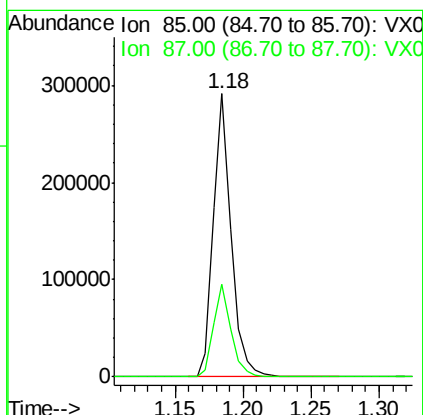
Manual Integrations
APPROVED

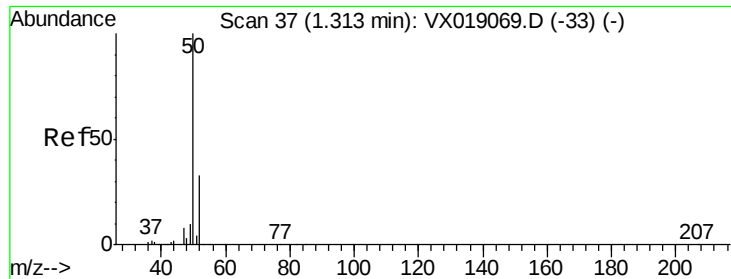
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#2
Dichlorodifluoromethane
Concen: 115.251 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.6	49.7





#3

Chloromethane

Concen: 96.666 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 238066

Ion Ratio Lower Upper

50 100

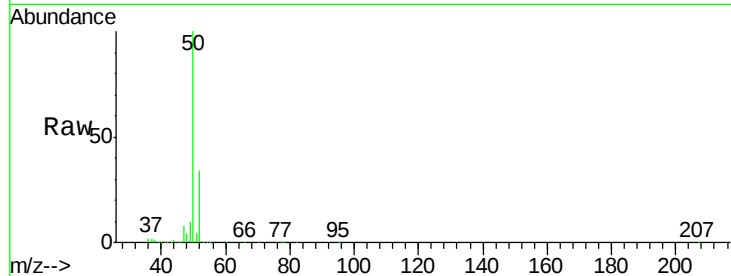
52 33.8 26.7 40.1

Manual Integrations

APPROVED

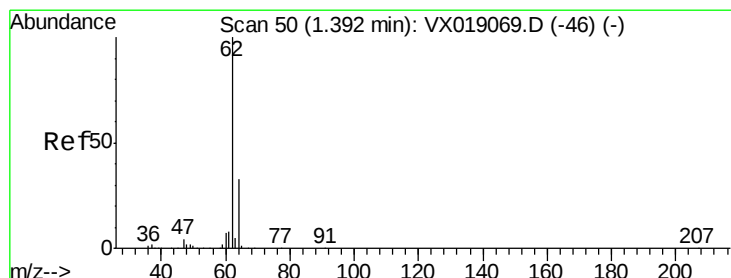
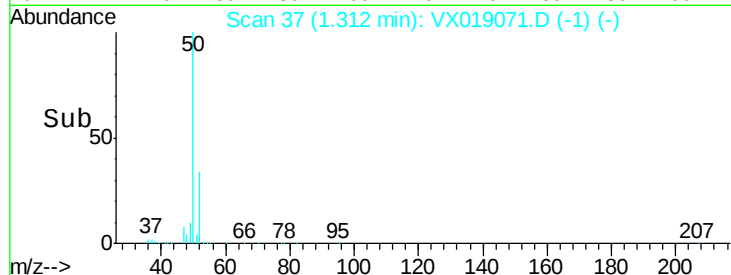
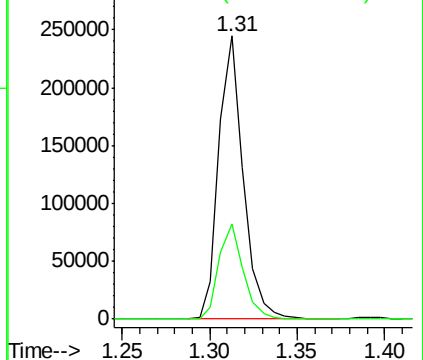
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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 99.333 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019071.D

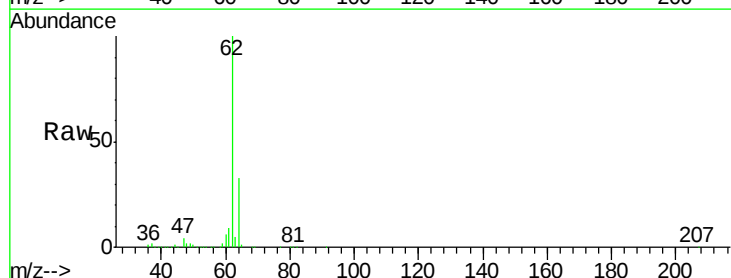
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Tgt Ion: 62 Resp: 307733

Ion Ratio Lower Upper

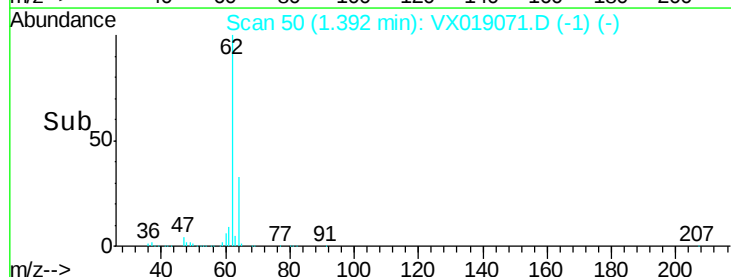
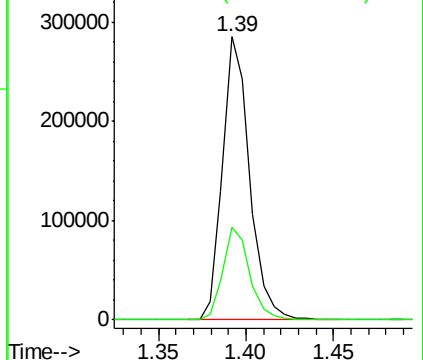
62 100

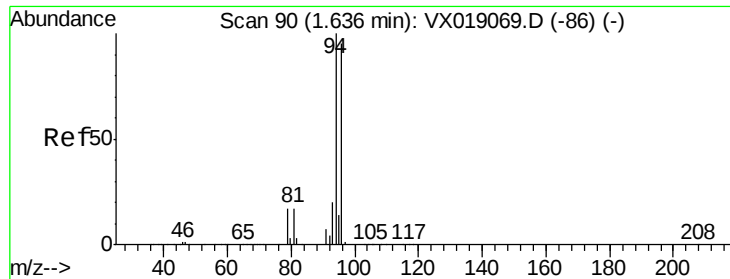
64 32.9 26.7 40.1



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 111.905 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 94 Resp: 216214

Ion Ratio Lower Upper

94 100

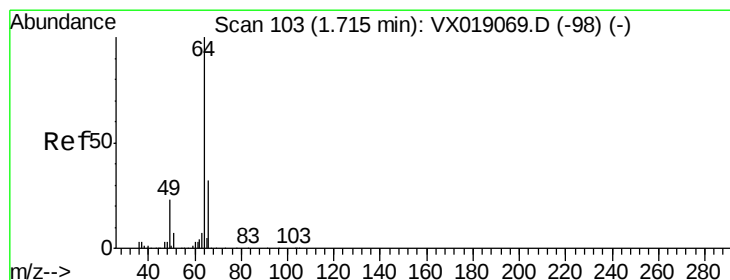
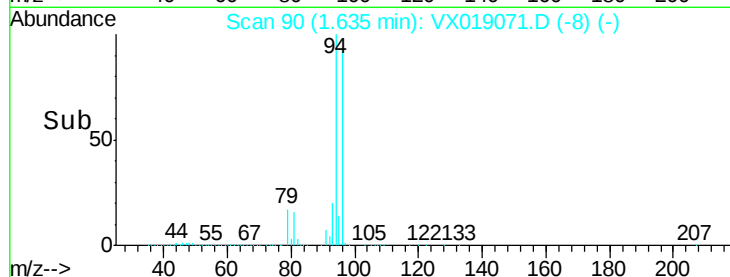
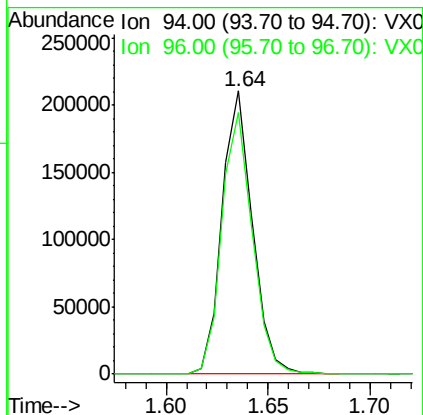
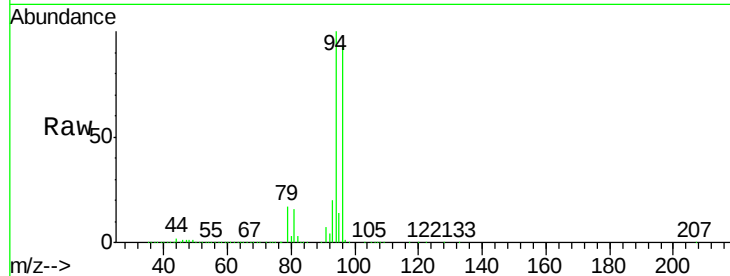
96 92.5 76.2 114.2

Manual Integrations

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#6

Chloroethane

Concen: 100.551 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX019071.D

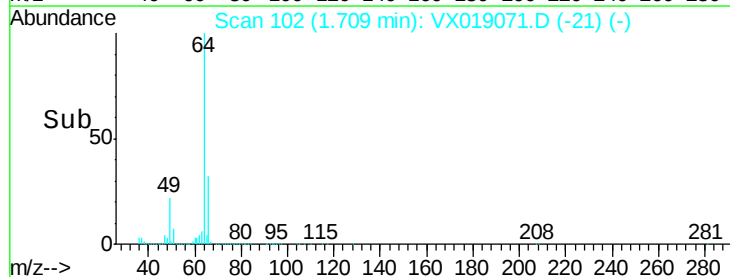
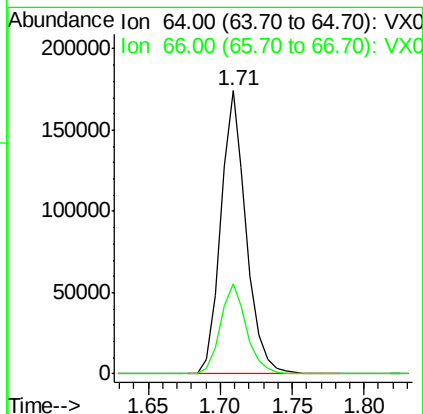
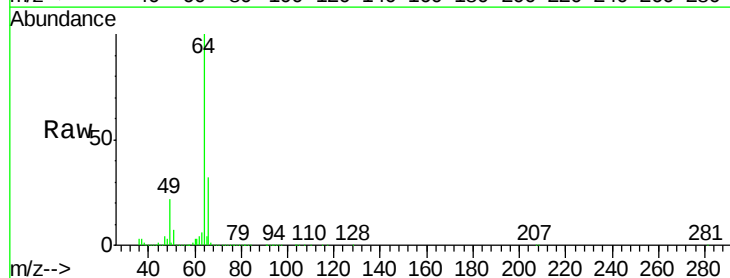
Acq: 23 Oct 2020 11:00

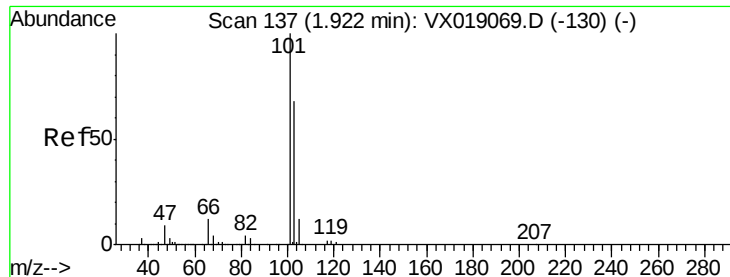
Tgt Ion: 64 Resp: 214805

Ion Ratio Lower Upper

64 100

66 31.8 25.9 38.9





#7

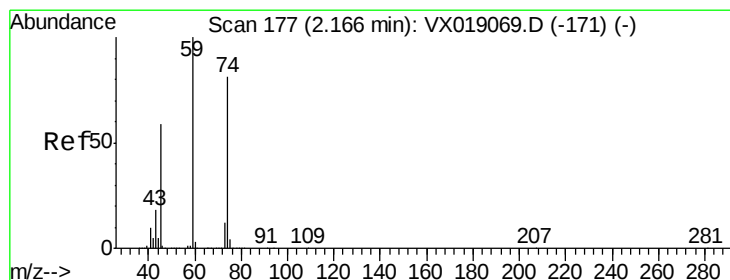
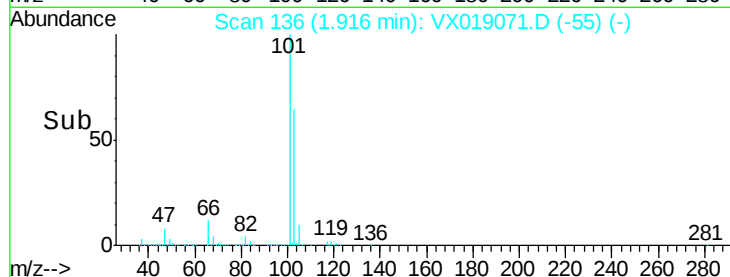
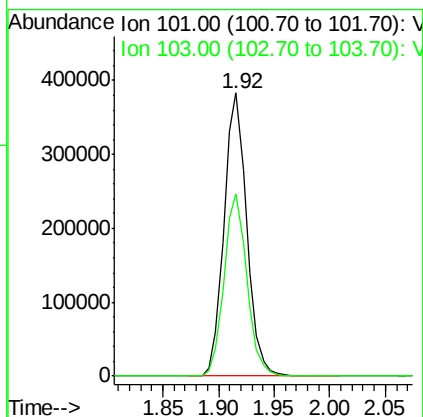
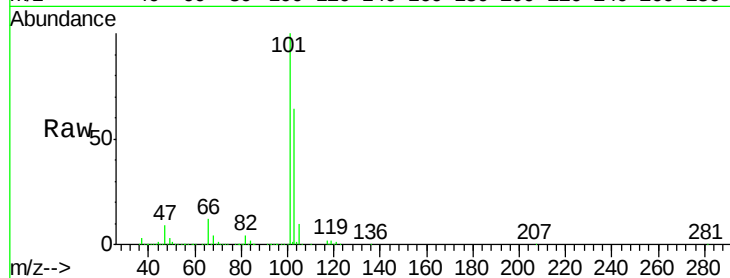
Trichlorofluoromethane
Concen: 109.460 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Instrument :
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ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
101	100	540428		
103	64.3	54.2	81.4	

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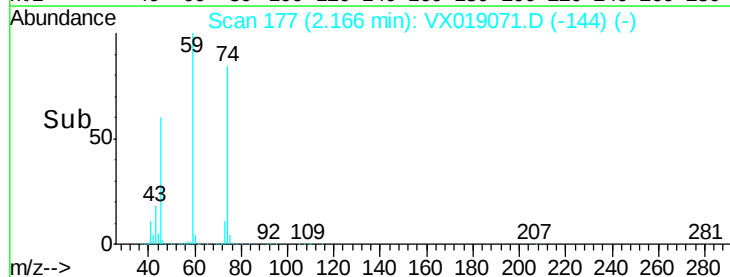
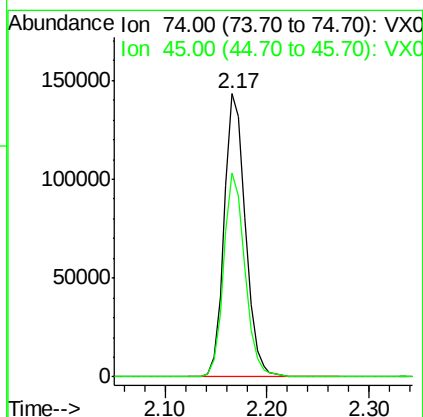
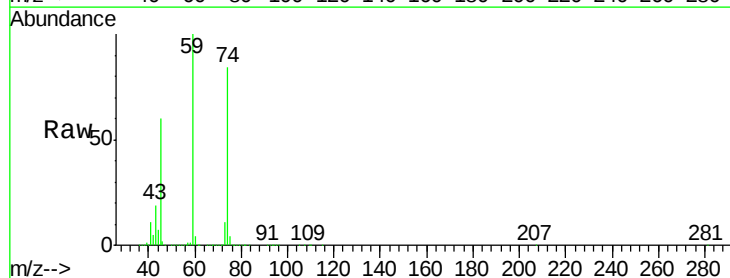
MMDadoda
10/26/2020 11:17:13 AM

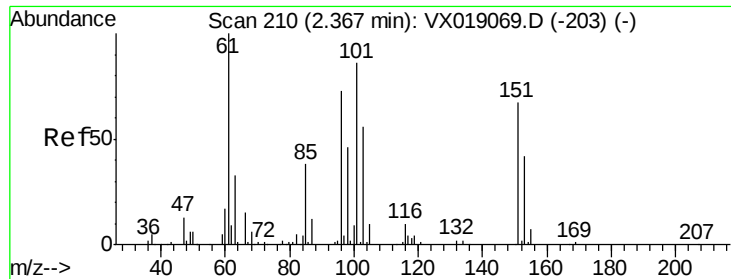


#8

Diethyl Ether
Concen: 106.919 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	207048		
45	71.8	14.5	130.7	





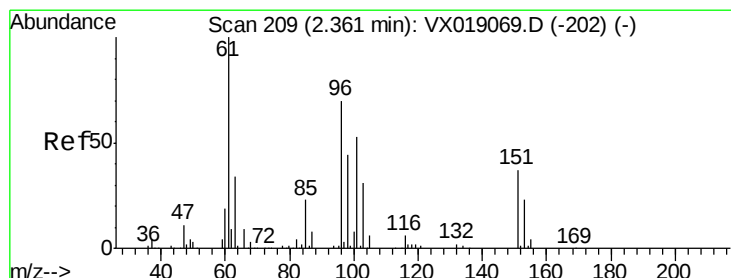
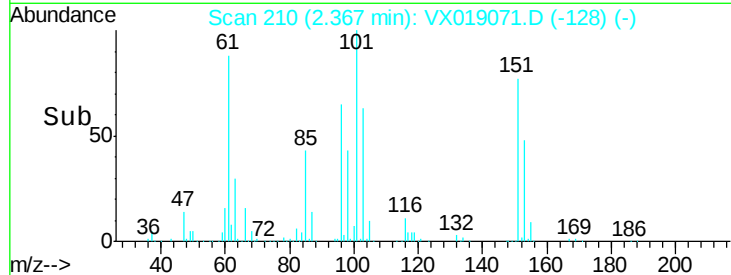
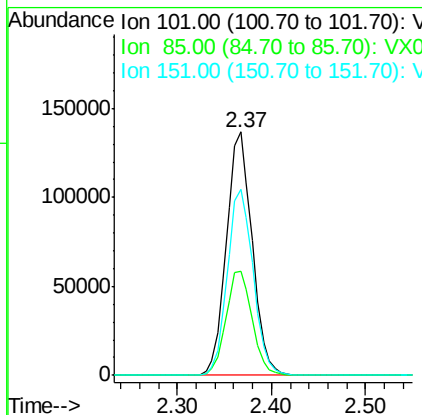
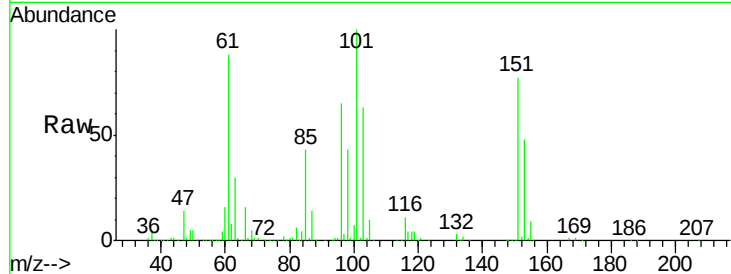
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 1,1,2-Trichlorotrifluoroethane
 Concen: 96.703 ug/l
 RT: 2.37 min Scan# 210
 Delta R.T. -0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

Instrument :
 MSVOA_X
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 VSTDIC100

Tot Ion	Ratio	Resp Lower	Upper
101	100		
85	43.5	0.0	87.0
151	76.9	0.0	151.8

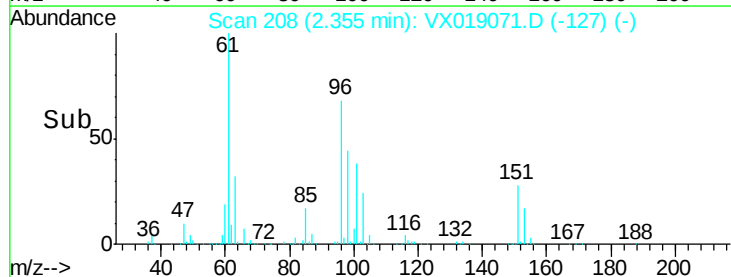
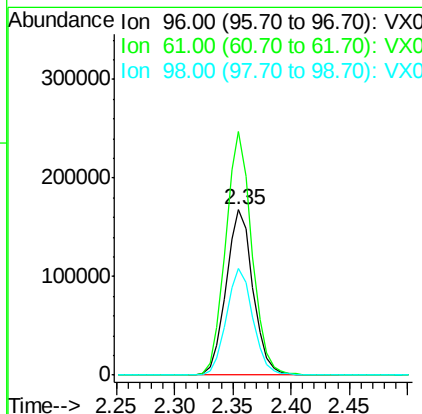
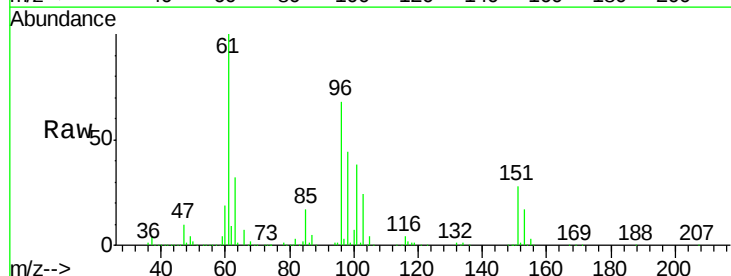
Manual Integrations
 APPROVED

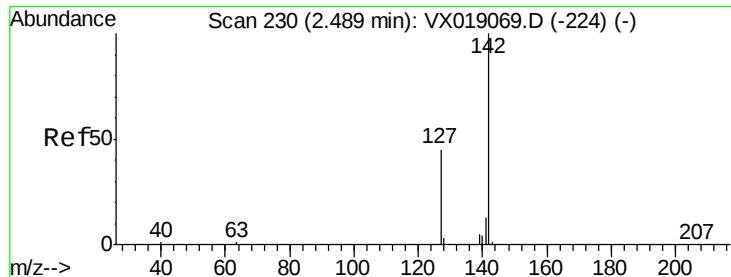
MMDadoda
 10/26/2020 11:17:13 AM



#10
 1,1-Dichloroethene
 Concen: 96.045 ug/l
 RT: 2.35 min Scan# 208
 Delta R.T. -0.01 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	147.6	113.8	170.8
98	64.5	50.4	75.6





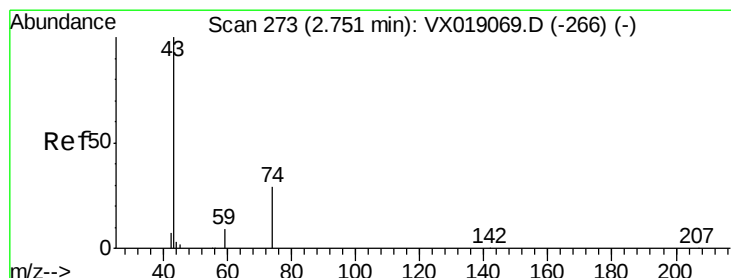
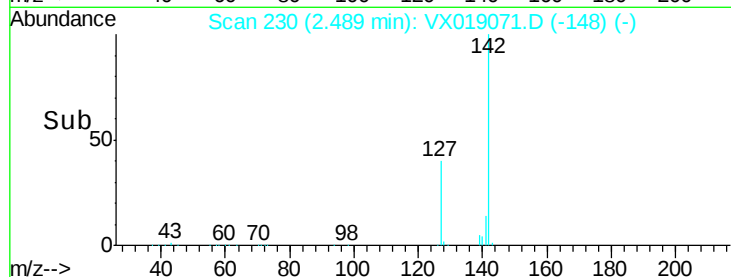
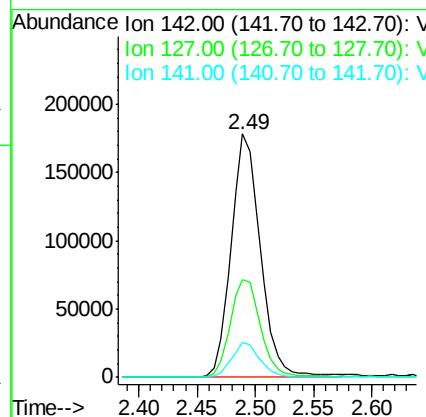
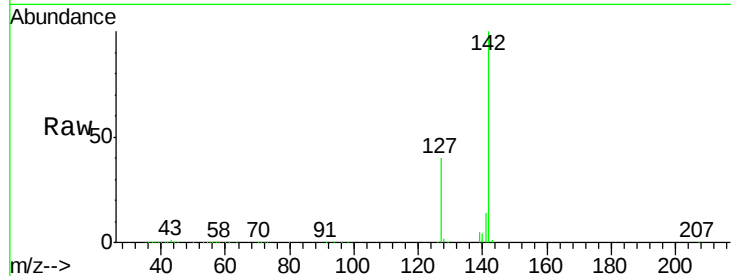
#11
Methvl Iodide
Concen: 99.544 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
142	100		
127	40.4	22.6	67.7
141	14.4	6.3	19.1

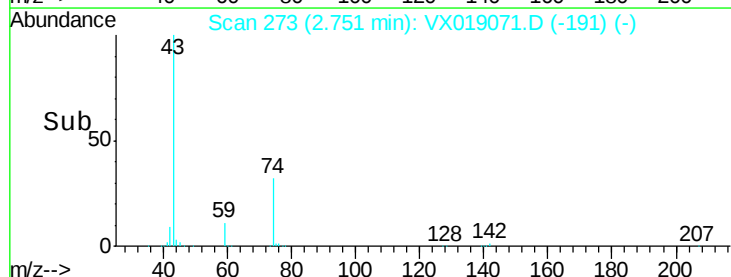
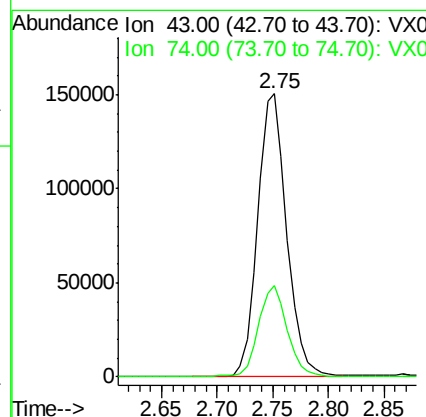
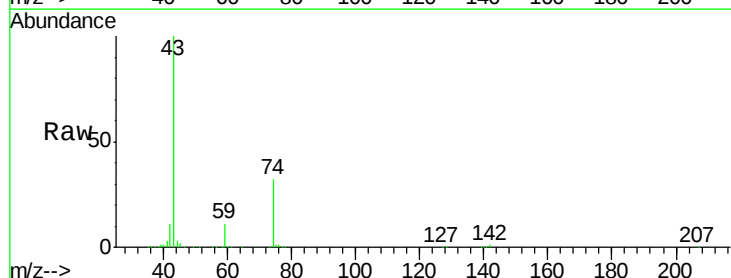
Manual Integrations
APPROVED

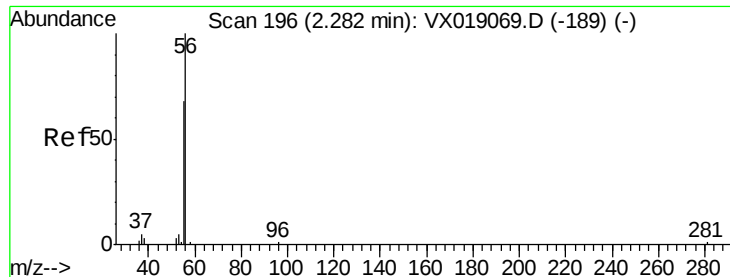
MMDadoda
10/26/2020 11:17:13 AM



#12
Methyl Acetate
Concen: 99.712 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	32.3	23.9	35.9





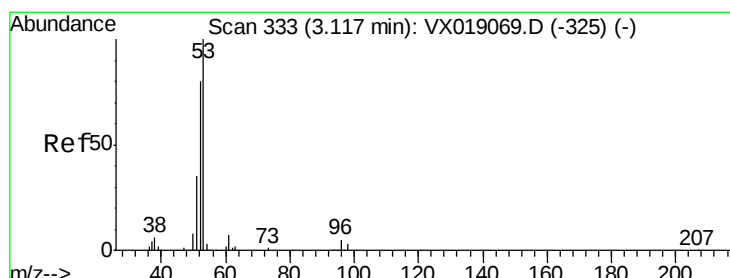
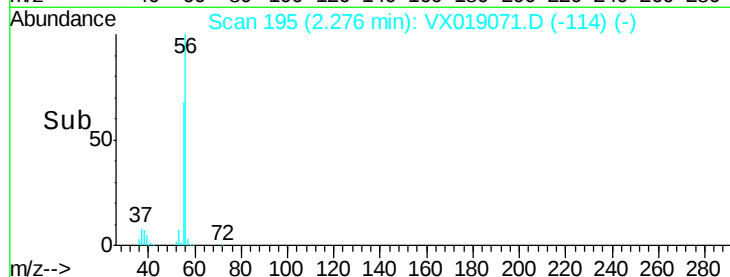
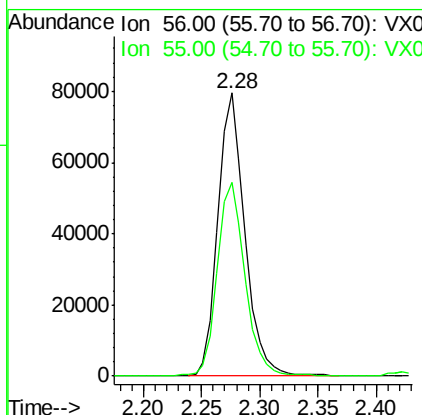
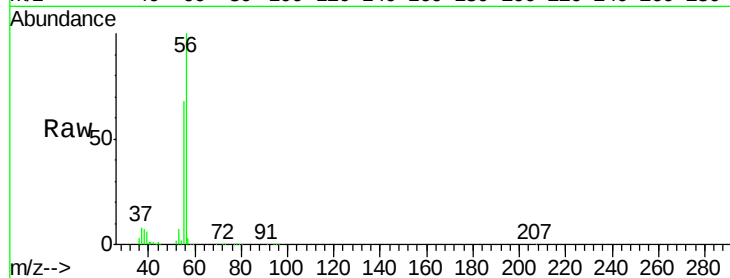
#13
Acrolein
Concen: 260.513 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.01 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.8	58.2	87.2

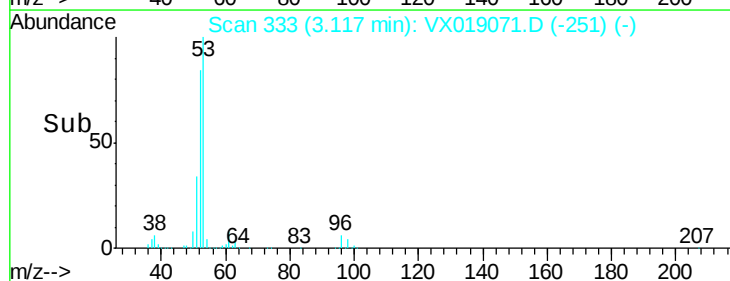
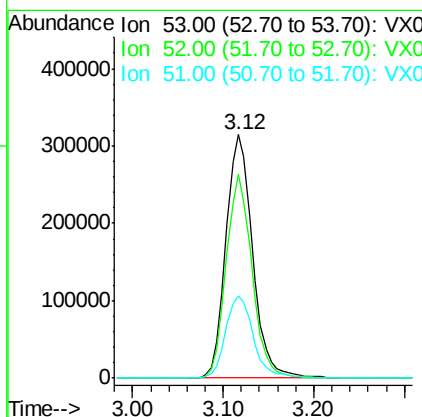
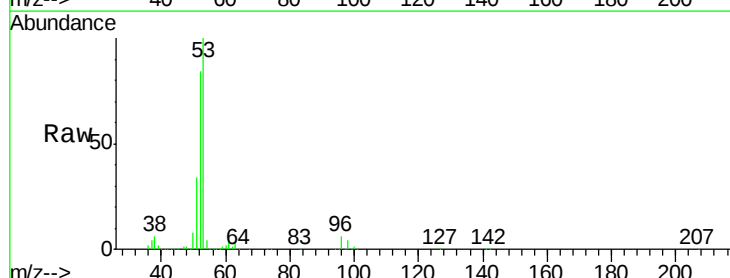
Manual Integrations
APPROVED

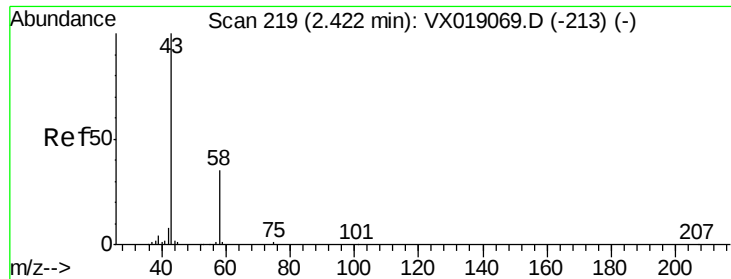
MMDadoda
10/26/2020 11:17:13 AM



#14
Acrylonitrile
Concen: 504.040 ug/l
RT: 3.12 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.3	41.0	123.0
51	35.2	18.2	54.6





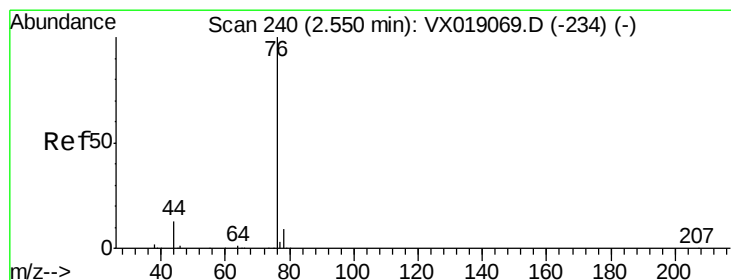
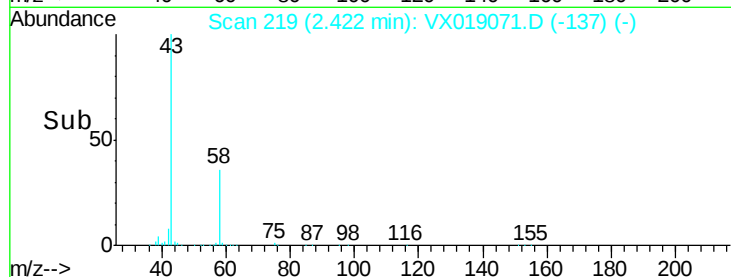
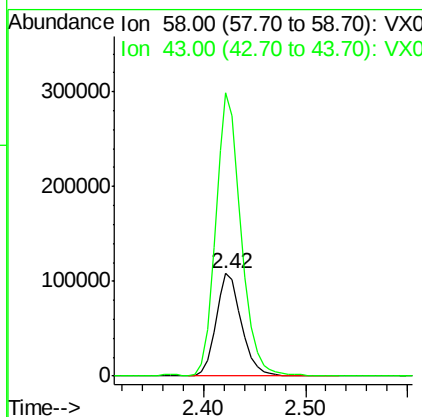
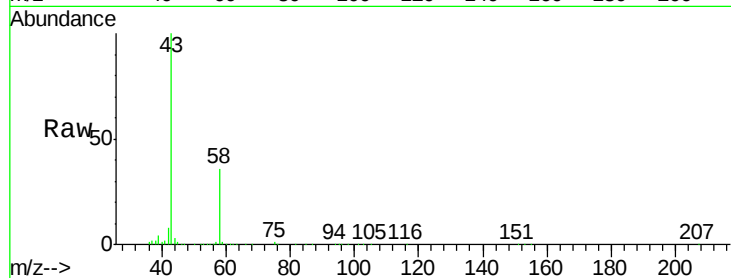
#15
Acetone
Concen: 466.663 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
58	100		
43	276.0	226.7	340.1

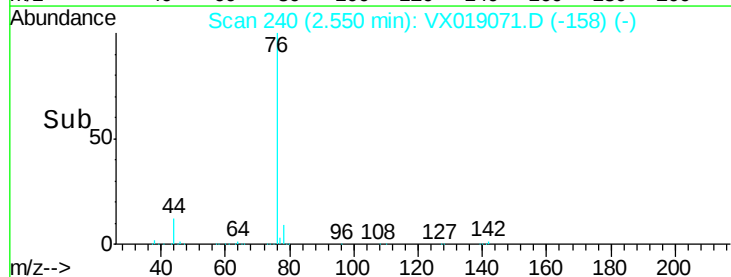
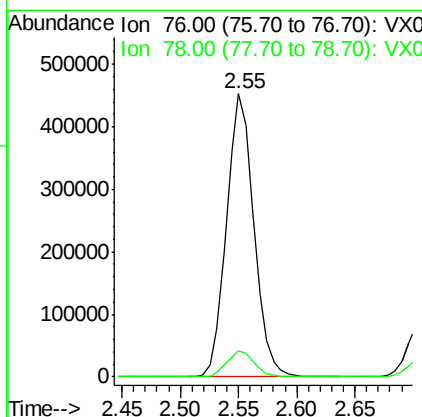
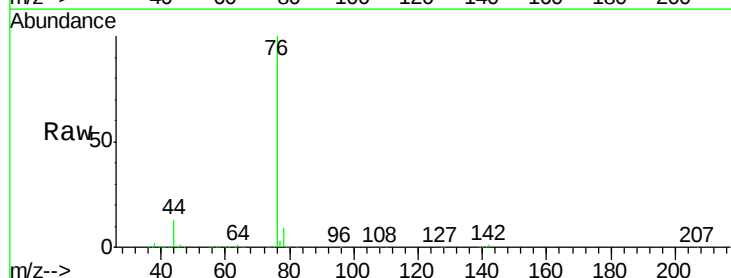
Manual Integrations
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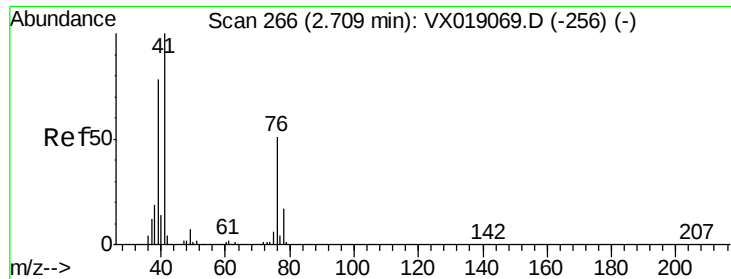
MMDadoda
10/26/2020 11:17:13 AM



#16
Carbon Disulfide
Concen: 106.362 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.2	10.8





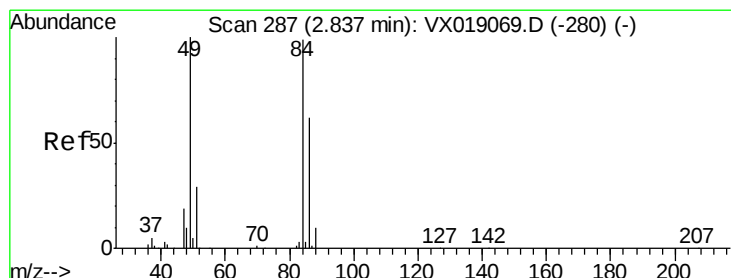
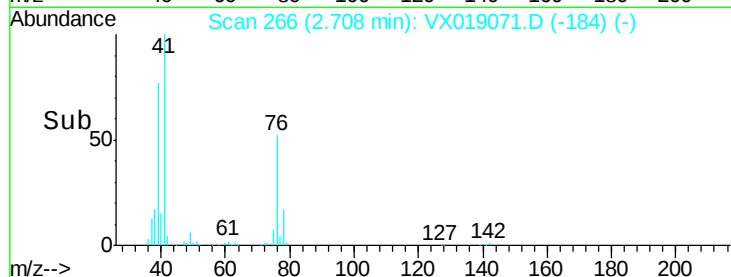
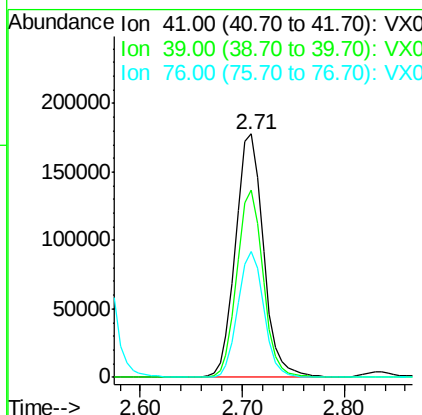
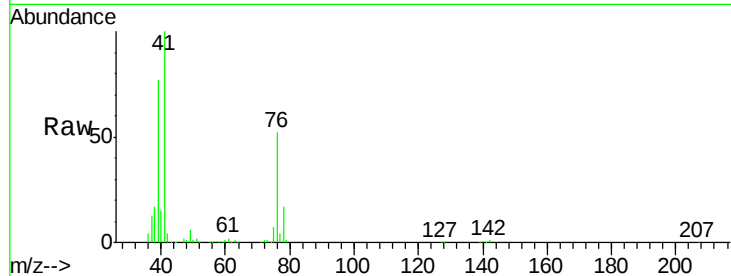
#17
Allvl chloride
Concen: 94.245 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
41	100		
39	76.7	38.8	116.3
76	51.7	25.8	77.4

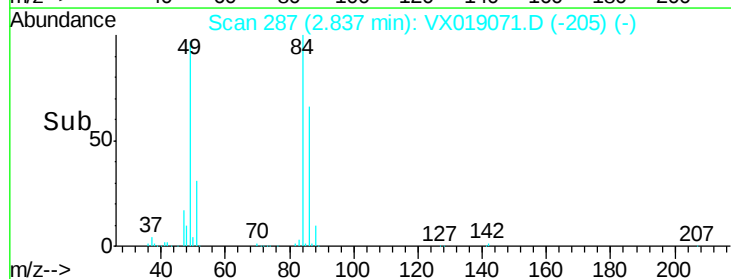
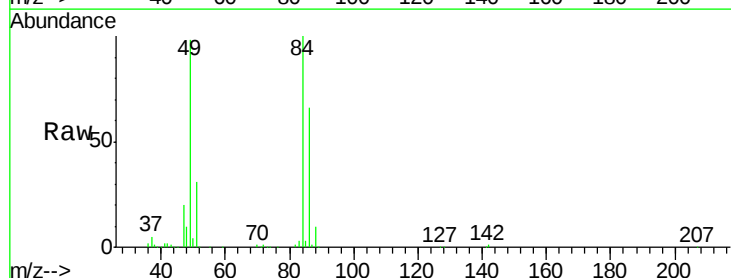
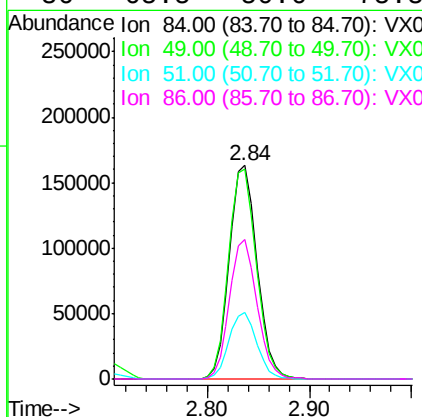
Manual Integrations
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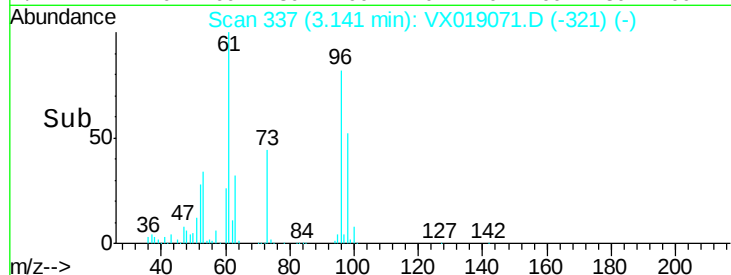
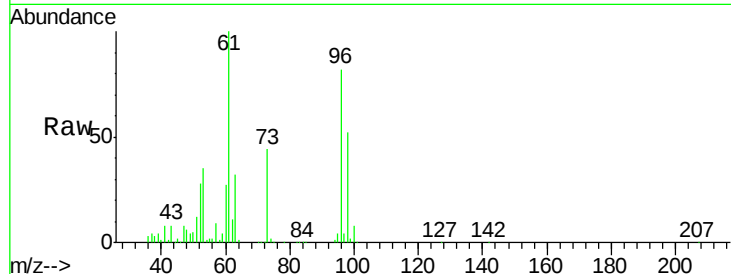
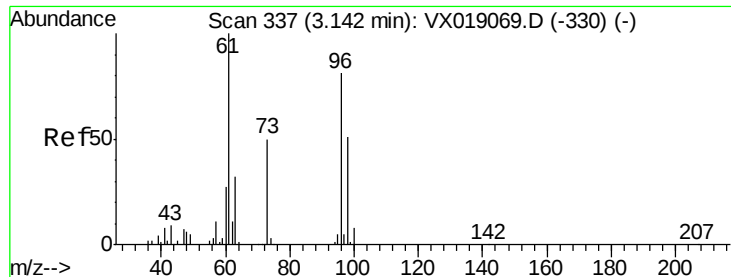
MMDadoda
10/26/2020 11:17:13 AM



#18
Methylene Chloride
Concen: 107.843 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion	Ratio	Lower	Upper
84	100		
49	98.2	80.9	121.3
51	31.0	23.8	35.6
86	65.5	50.6	75.8





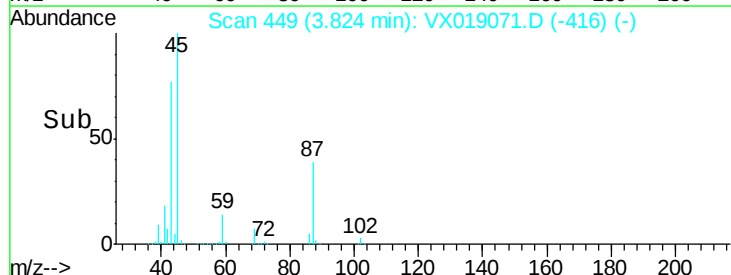
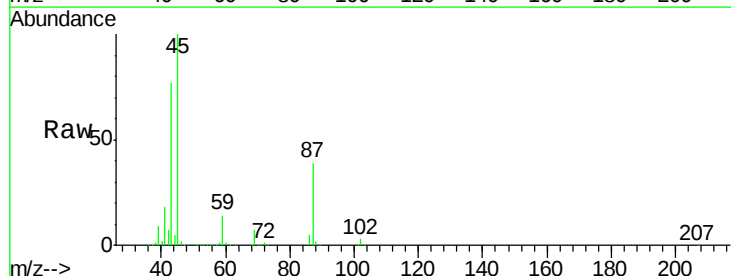
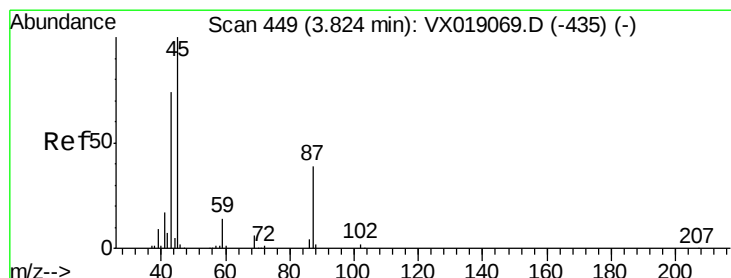
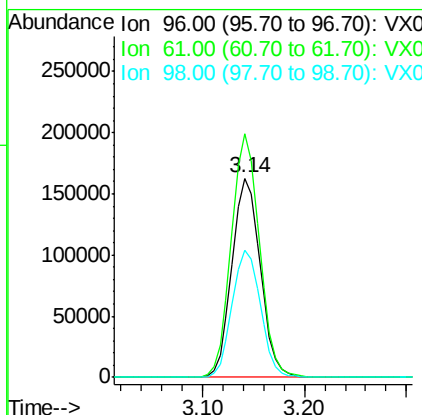
#19
trans-1,2-Dichloroethene
Concen: 108.991 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tot Ion	Ratio	Lower	Upper
96	100		
61	122.4	98.4	147.6
98	63.8	49.9	74.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

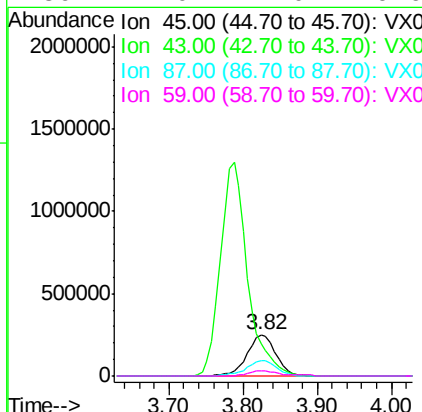
Manual Integrations
APPROVED

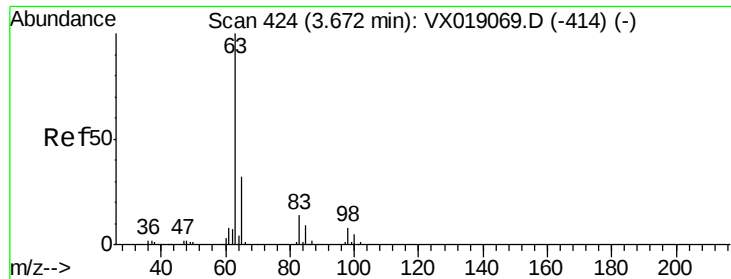
MMDadoda
10/26/2020 11:17:13 AM



#20
Diisopropyl ether
Concen: 100.884 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion	Ratio	Lower	Upper
45	100		
43	76.8	60.6	91.0
87	38.6	30.9	46.3
59	14.0	11.0	16.6





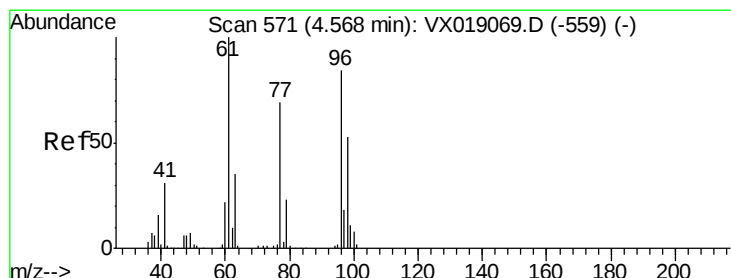
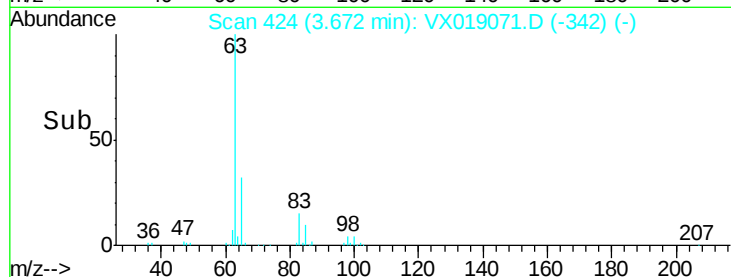
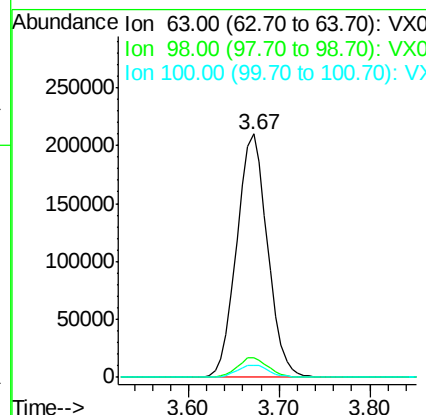
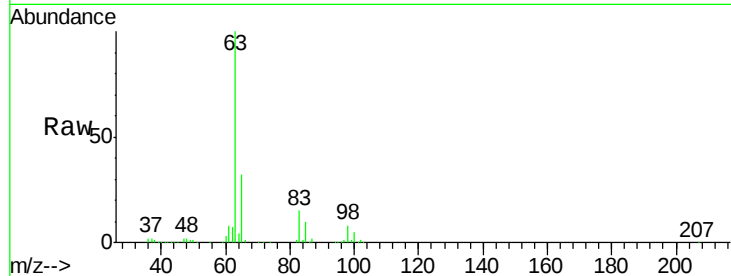
#21
 1,1-Dichloroethane
 Concen: 106.096 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
63	100	494814		
98	8.0		3.9	11.7
100	5.0		2.4	7.2

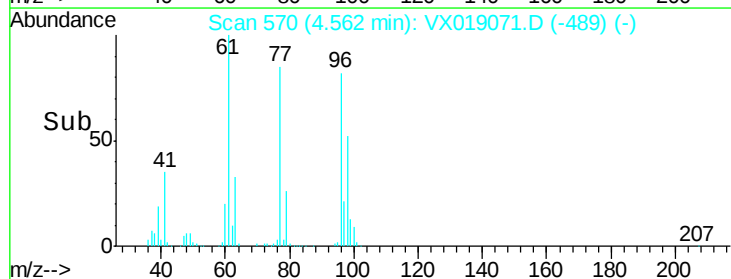
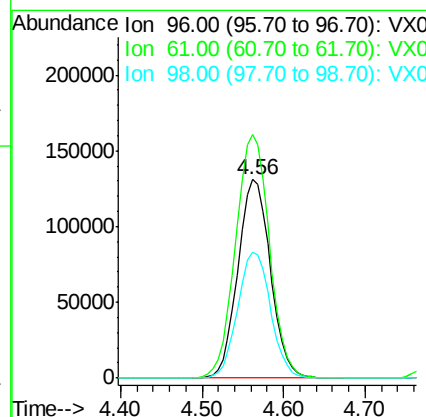
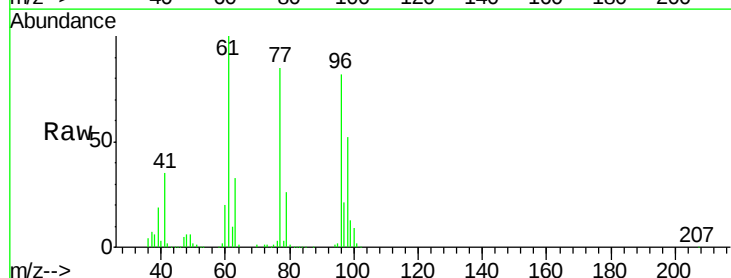
Manual Integrations
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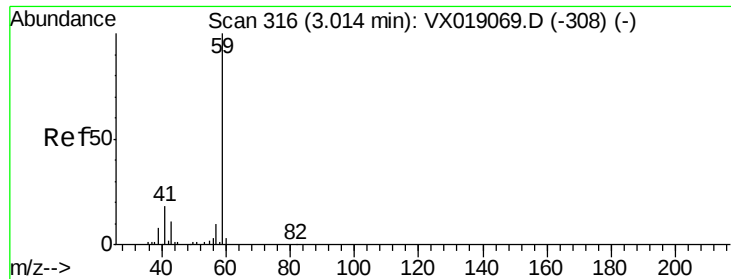
MMDadoda
 10/26/2020 11:17:13 AM



#22
 cis-1,2-Dichloroethene
 Concen: 111.198 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	363075		
61	127.4		101.9	152.9
98	64.2		51.3	76.9





#23

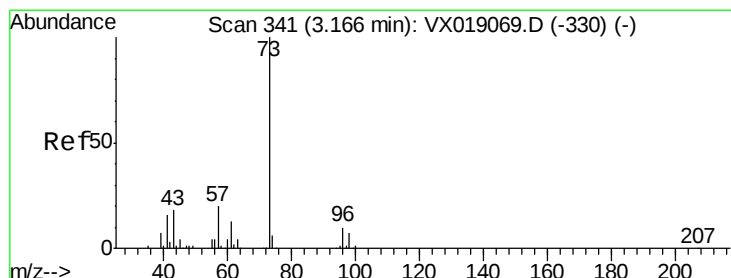
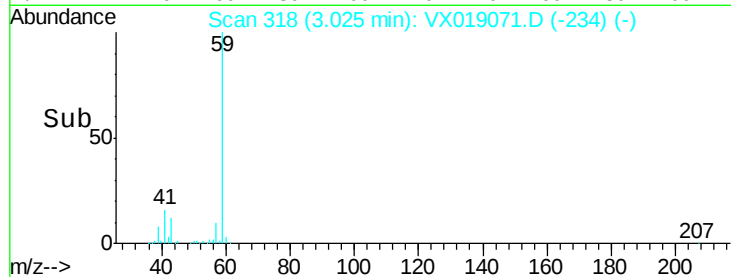
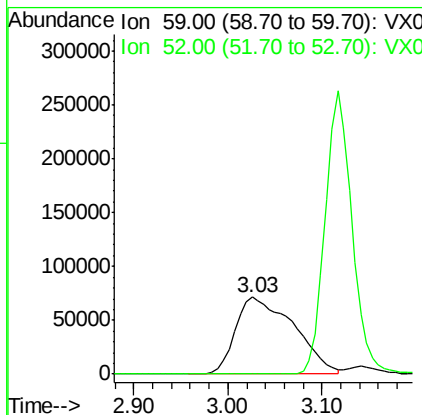
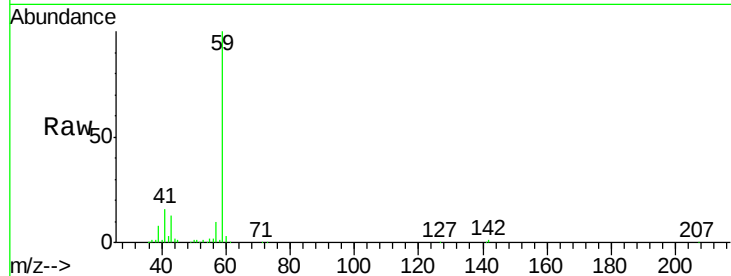
tert-Butyl Alcohol
 Concen: 449.894 ug/l
 RT: 3.03 min Scan# 318
 Delta R.T. 0.01 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.2	0.4#

Manual Integrations
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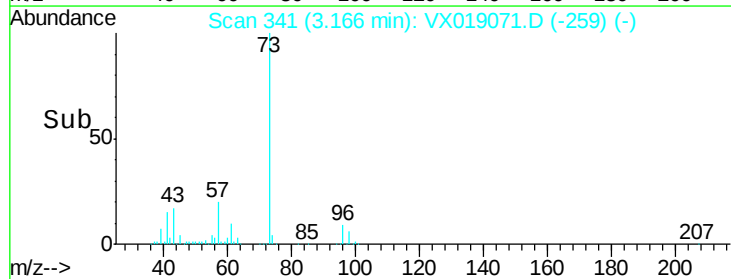
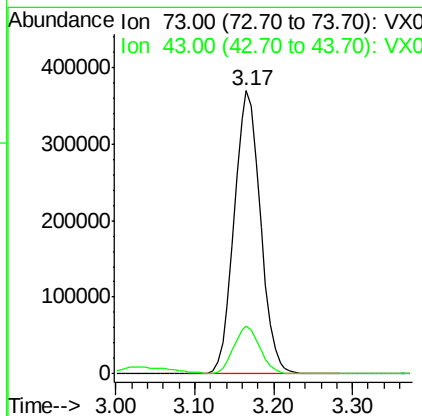
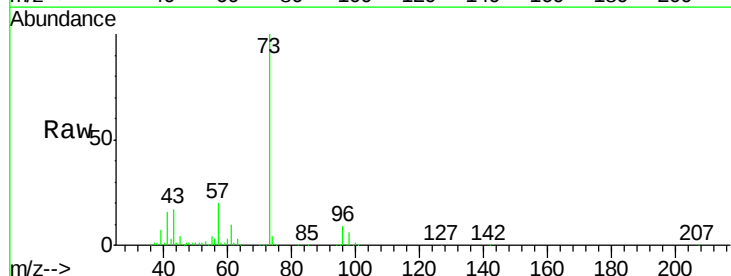
MMDadoda
 10/26/2020 11:17:13 AM

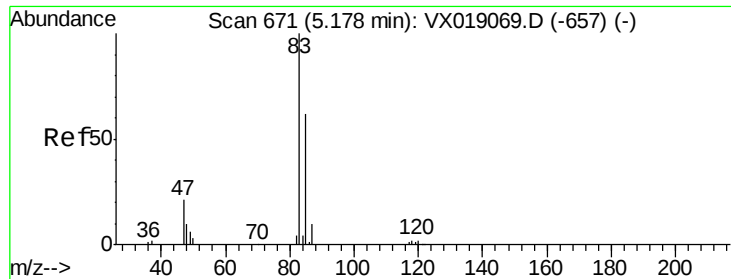


#24

Methyl tert-Butyl Ether
 Concen: 109.518 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

Tgt Ion	Ratio	Lower	Upper
73	100		
43	16.7	13.9	20.9





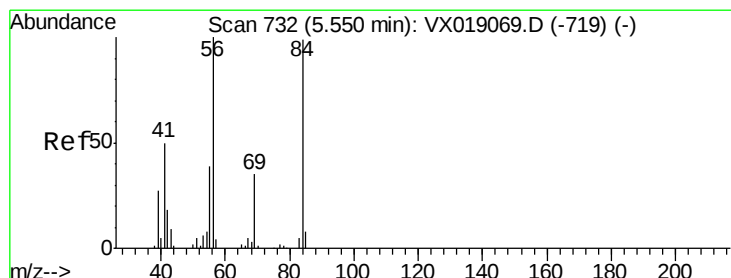
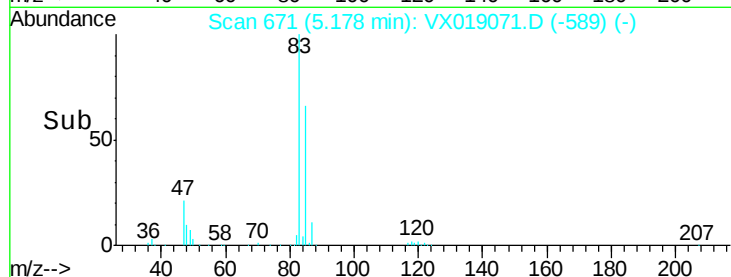
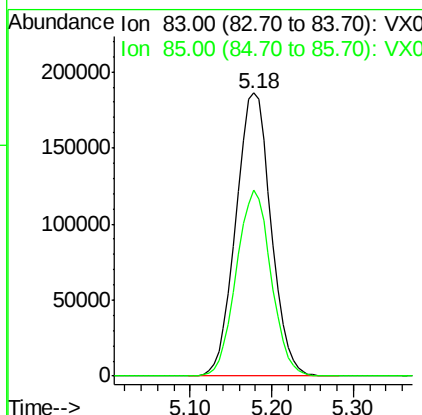
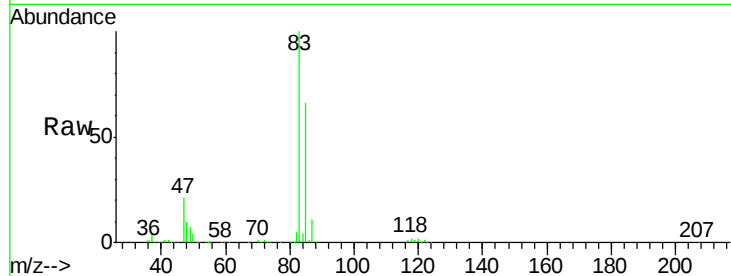
#25
Chloroform
Concen: 111.800 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	83	Resp	556741
Ion Ratio	100	Lower	Upper
85	65.9	49.8	74.8

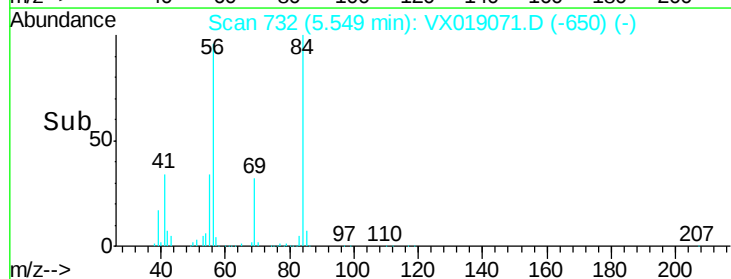
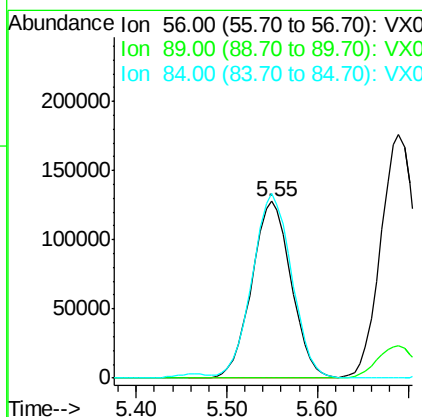
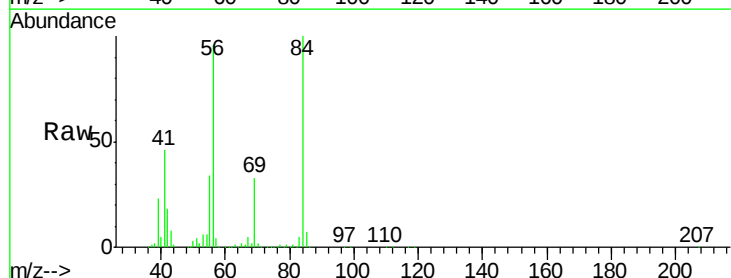
Manual Integrations
APPROVED

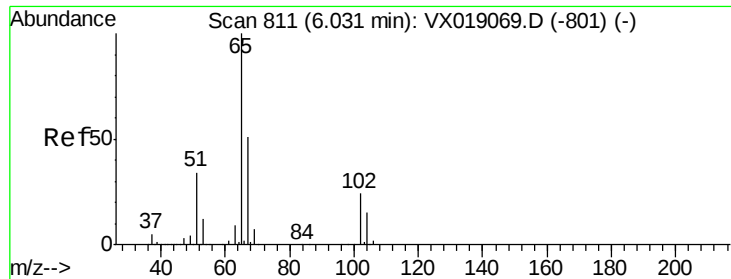
MMDadoda
10/26/2020 11:17:13 AM



#26
Cyclohexane
Concen: 103.218 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion	56	Resp	384262
Ion Ratio	100	Lower	Upper
89	0.0	0.0	0.0
84	104.9	83.7	125.5





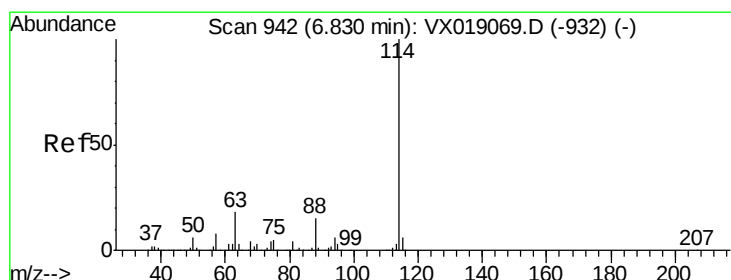
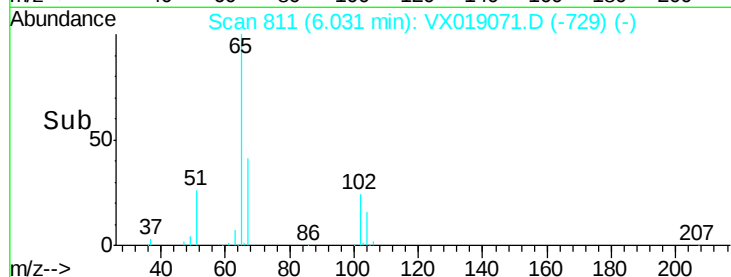
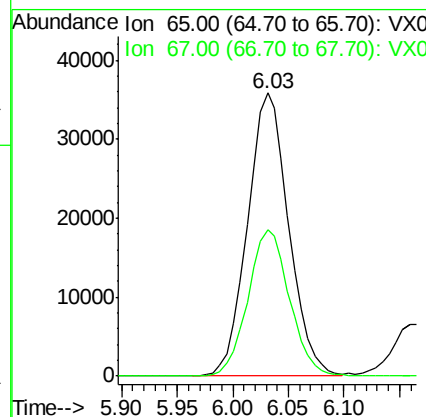
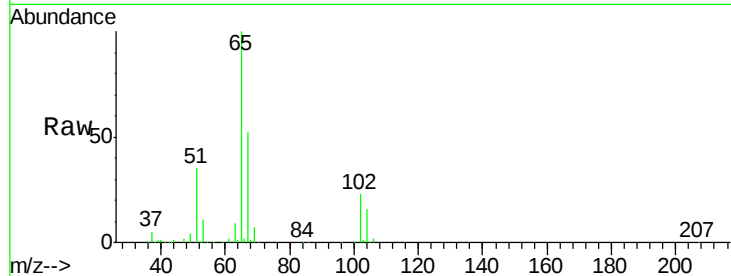
#27
 1,2-Dichloroethane-d4
 Concen: 29.587 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.0	42.0	63.0

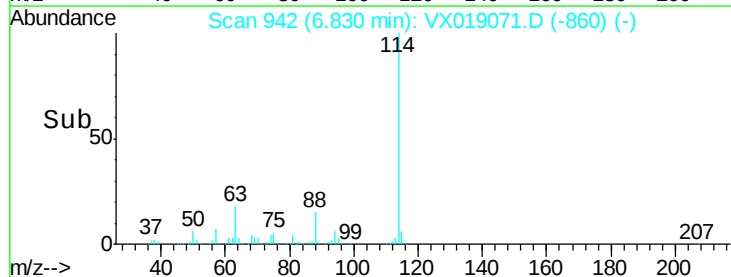
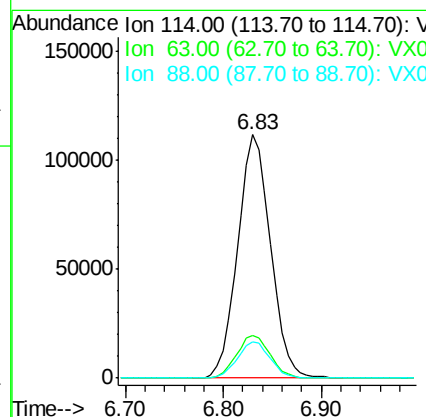
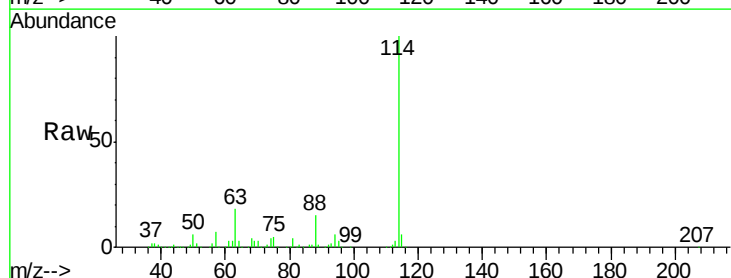
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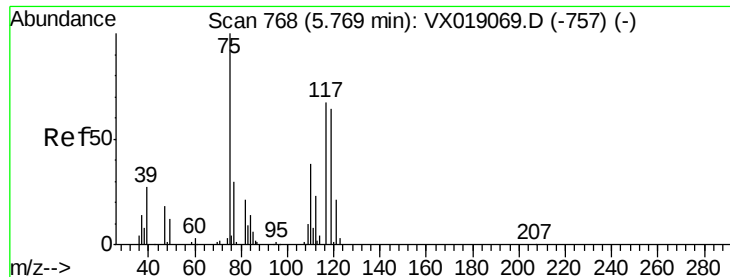
MMDadoda
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.9	14.6	21.8
88	14.8	12.2	18.2





#29

1,1-Dichloropropene

Concen: 113.246 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Instrument :

MSVOA_X

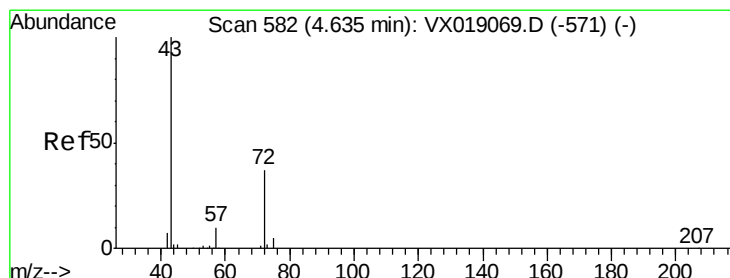
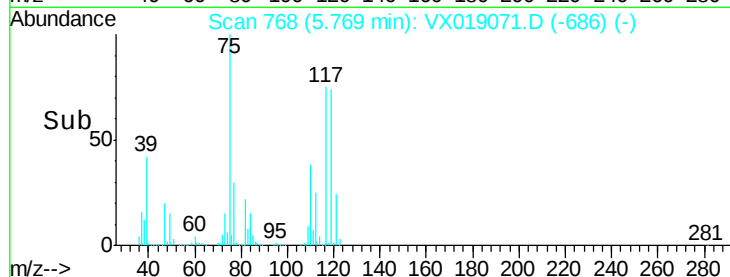
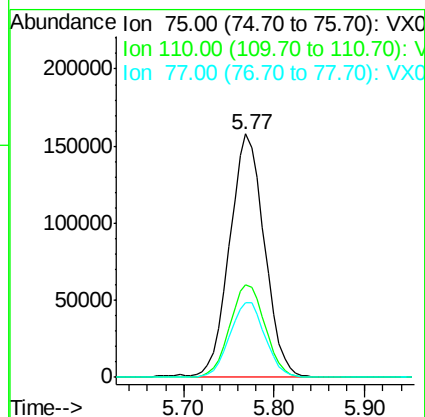
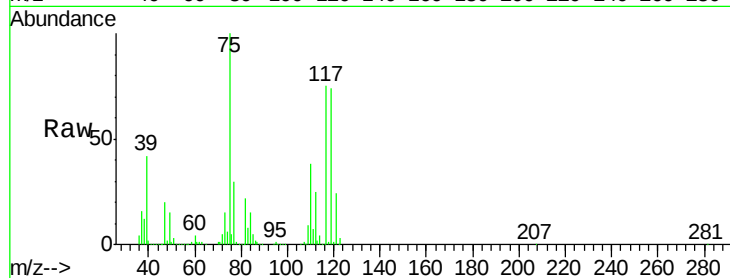
ClientSampleId :

VSTDIC100

Tot Ion:	75	Resp:	419709
Ion	Ratio	Lower	Upper
75	100		
110	38.7	0.0	77.4
77	31.3	0.0	62.8

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#30

2-Butanone

Concen: 491.131 ug/l

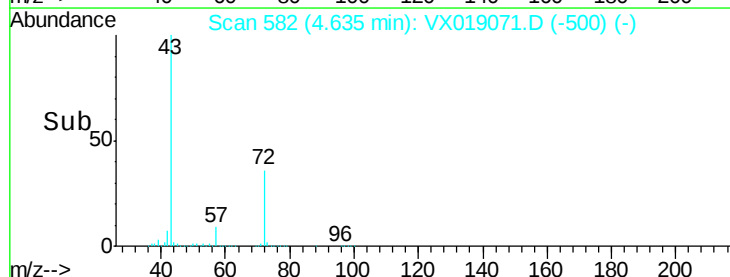
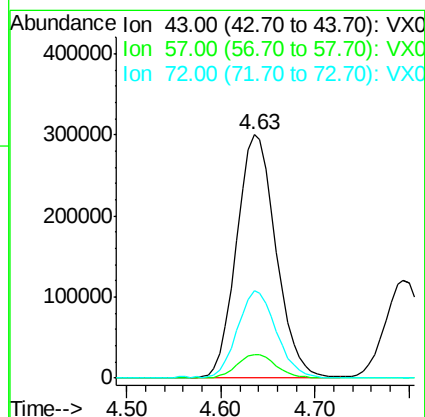
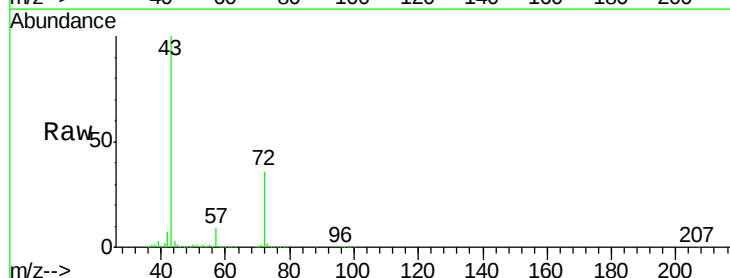
RT: 4.63 min Scan# 582

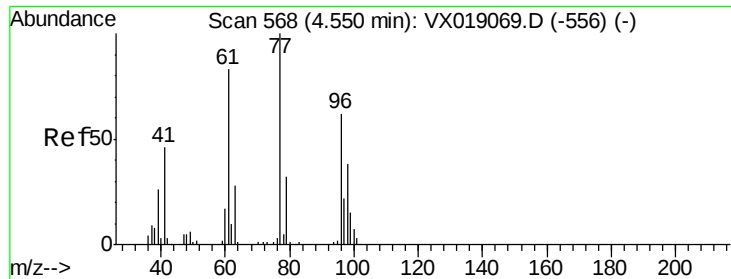
Delta R.T. -0.00 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Tgt Ion:	43	Resp:	876364
Ion	Ratio	Lower	Upper
43	100		
57	9.8	7.8	11.6
72	35.3	28.1	42.1





#31

2,2-Dichloropropane

Concen: 109.604 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 77 Resp: 476683

Ion Ratio Lower Upper

77 100

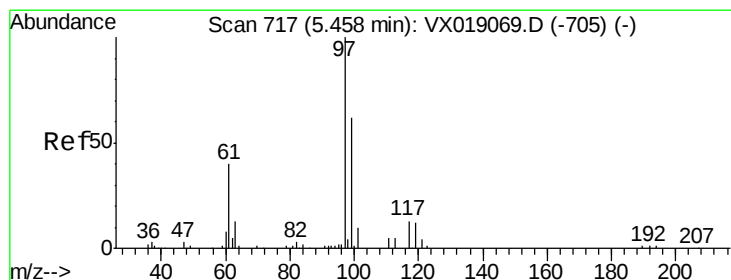
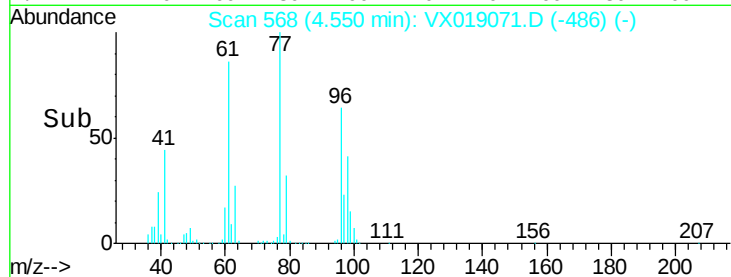
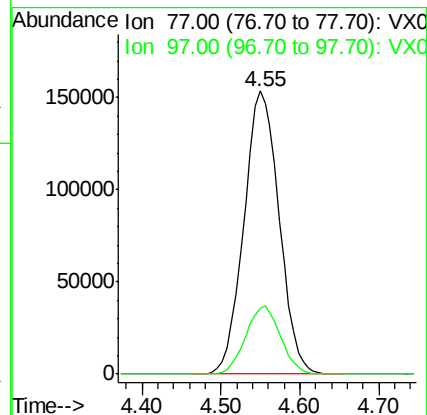
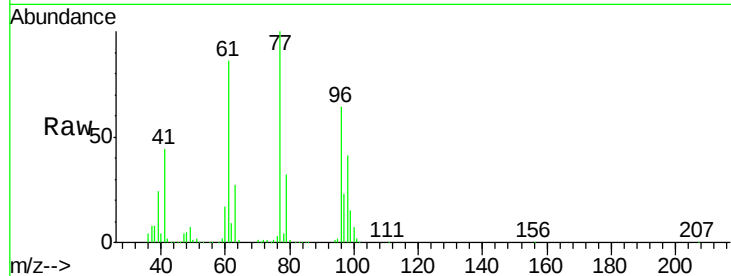
97 23.8 19.2 28.8

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#32

1,1,1-Trichloroethane

Concen: 112.781 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

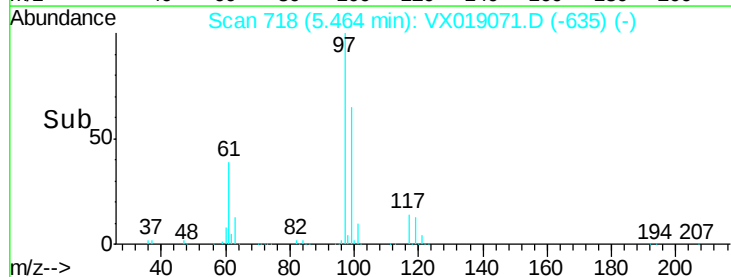
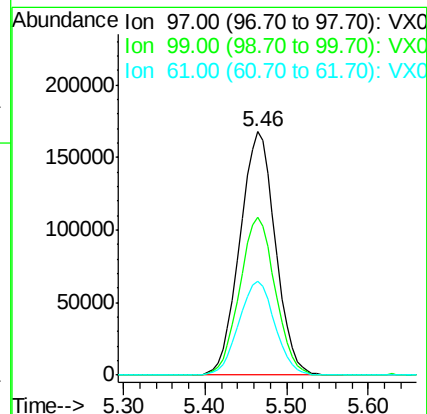
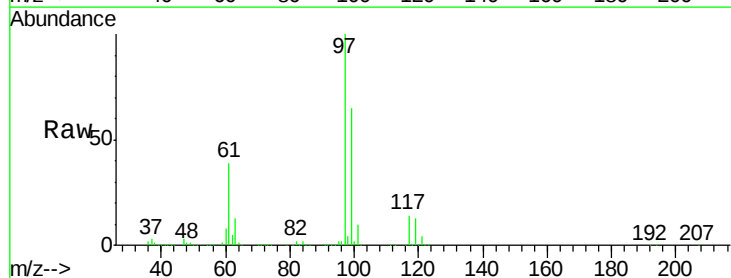
Tgt Ion: 97 Resp: 507379

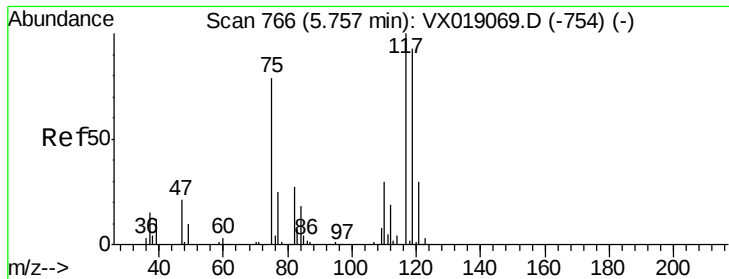
Ion Ratio Lower Upper

97 100

99 65.0 51.0 76.6

61 39.1 32.0 48.0





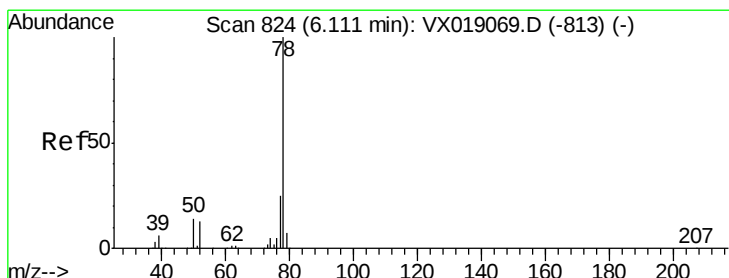
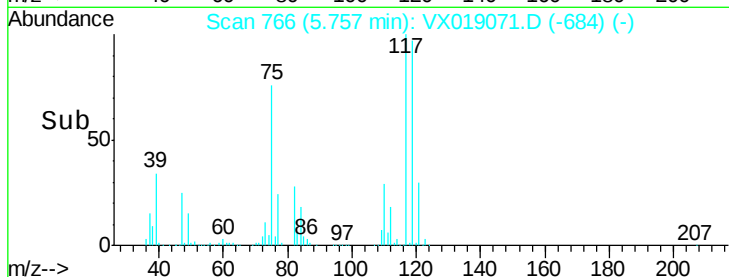
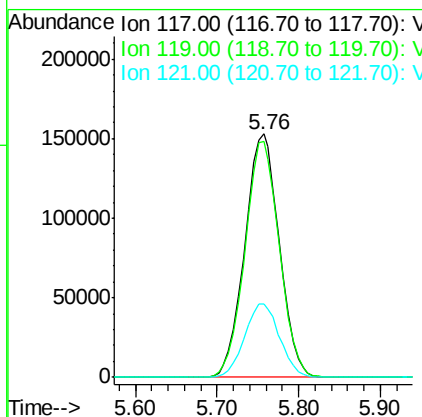
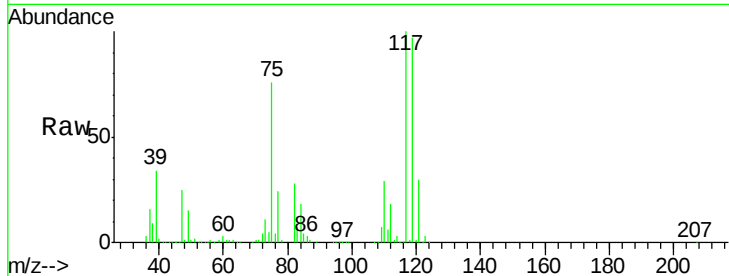
#33
Carbon Tetrachloride
Concen: 110.351 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.9	74.5	111.7
121	30.0	24.1	36.1

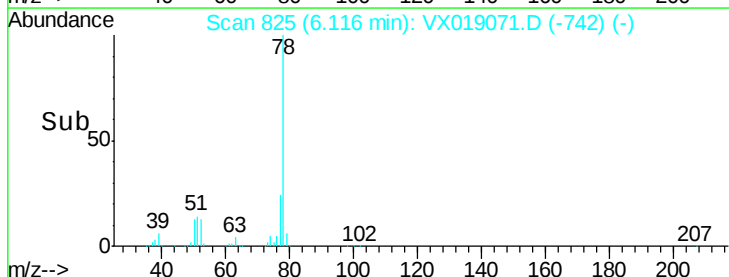
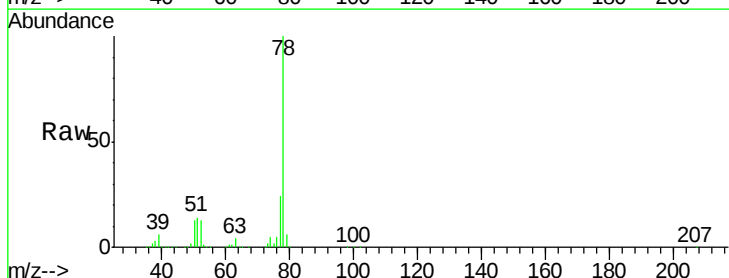
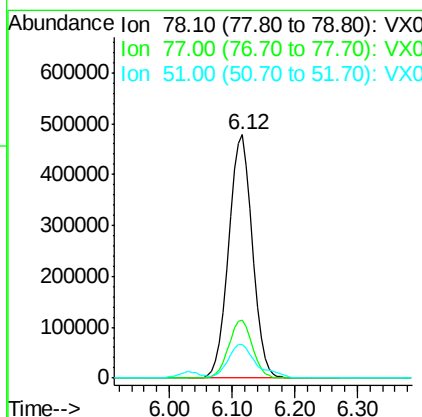
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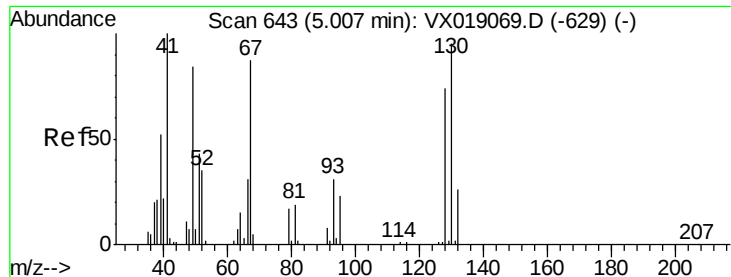
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#34
Benzene
Concen: 113.533 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	20.1	30.1
51	14.0	11.0	16.4





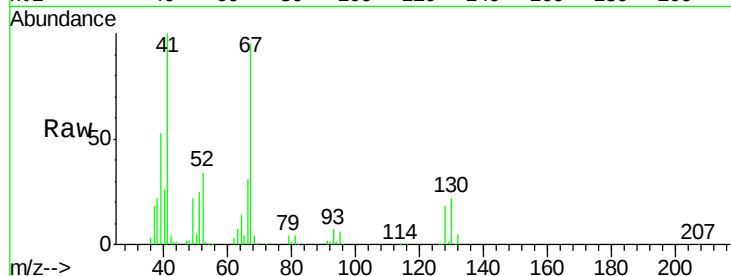
#35
Methacrylonitrile
Concen: 99.874 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

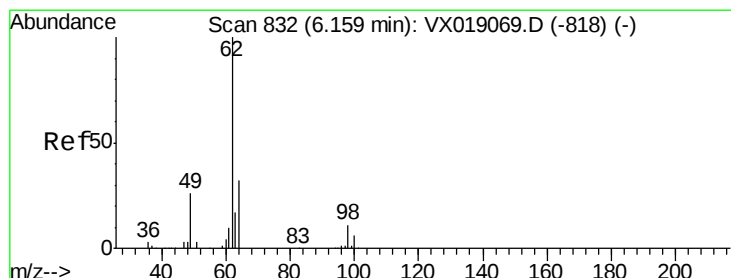
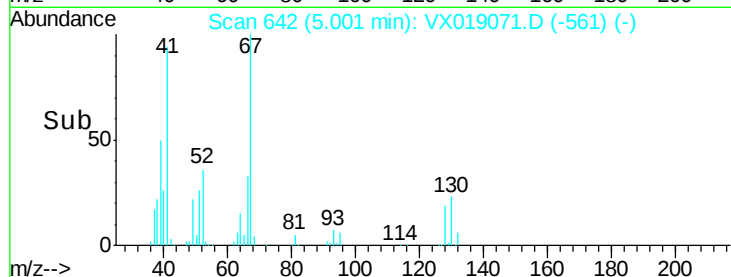
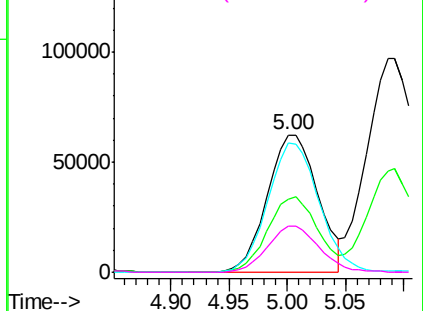
Tot Ion	Ion	Resp	Lower	Upper
41	100			
39	52.9	25.8	77.4	
67	94.8	43.6	130.8	
52	33.7	17.3	51.7	

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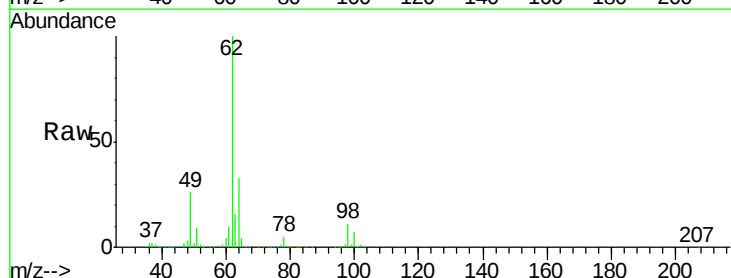


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

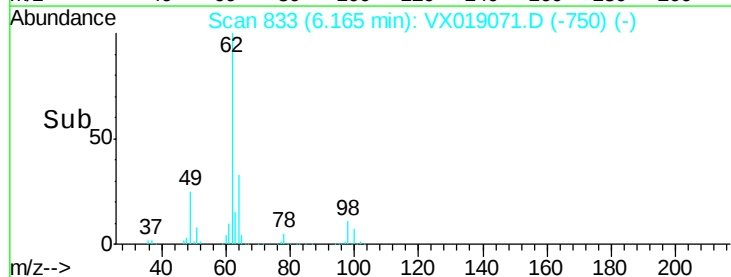
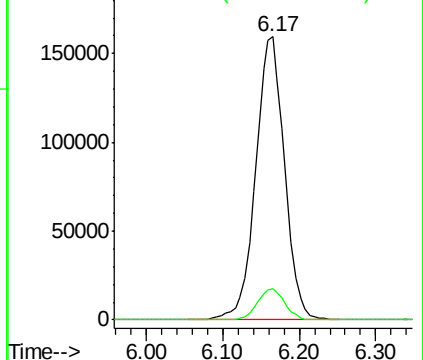


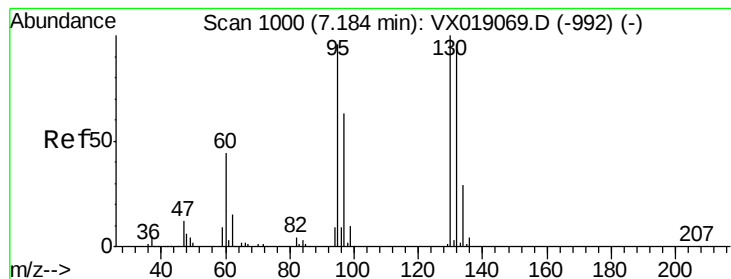
#36
1,2-Dichloroethane
Concen: 115.335 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion	Ion	Resp	Lower	Upper
62	100			
98	10.6	8.4	12.6	



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 112.590 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:130 Resp: 360394

Ion Ratio Lower Upper

130 100

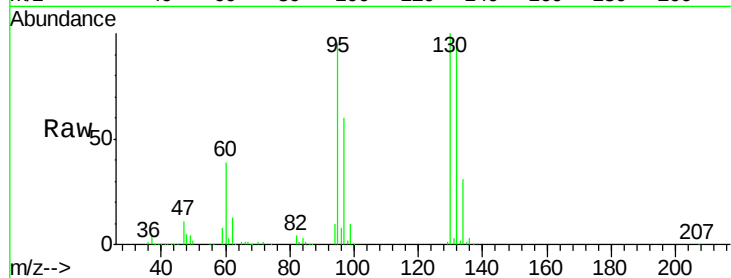
95 95.4 76.8 115.2

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Abundance Ion 129.90 (129.60 to 130.60): V

200000 Ion 94.90 (94.60 to 95.60): VX0

7.19

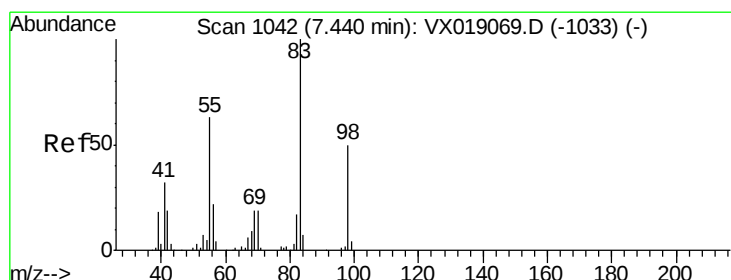
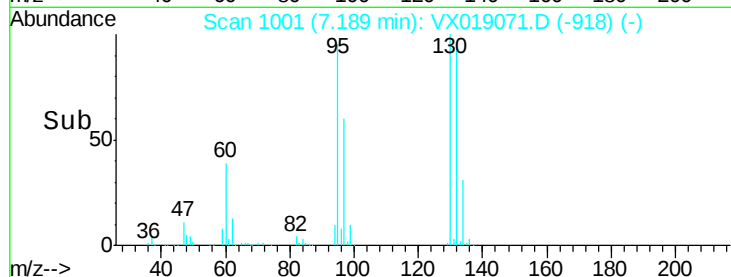
150000

100000

50000

0

Time-->



#38

Methylcyclohexane

Concen: 111.887 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

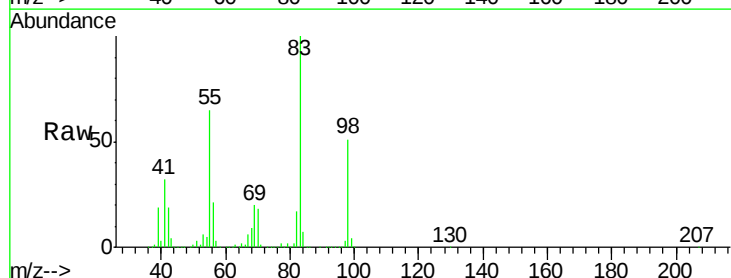
Tgt Ion: 83 Resp: 471227

Ion Ratio Lower Upper

83 100

55 64.1 32.3 96.8

98 50.8 25.7 77.1



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.44

250000

200000

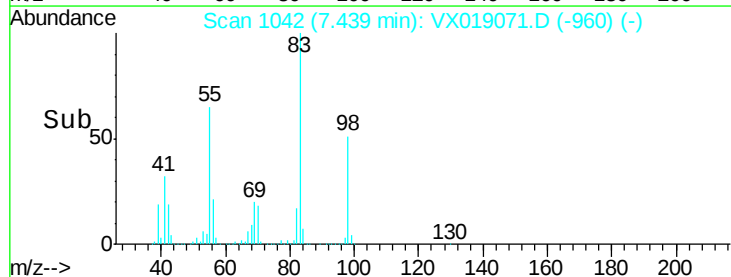
150000

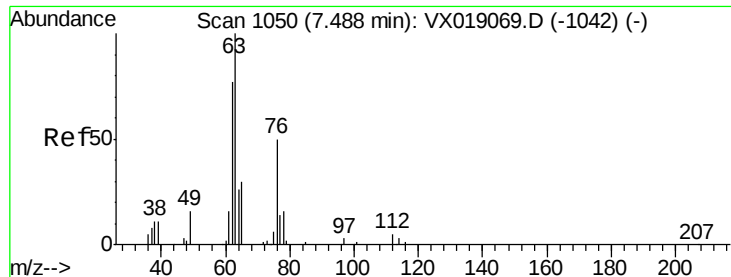
100000

50000

0

Time-->





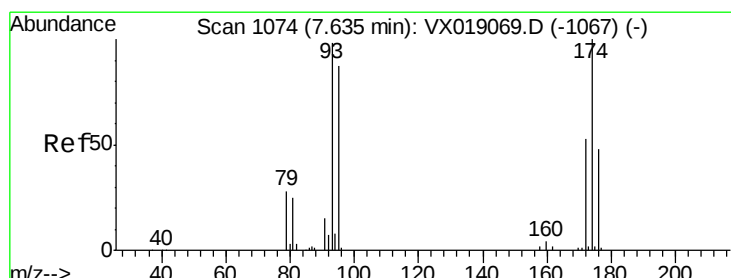
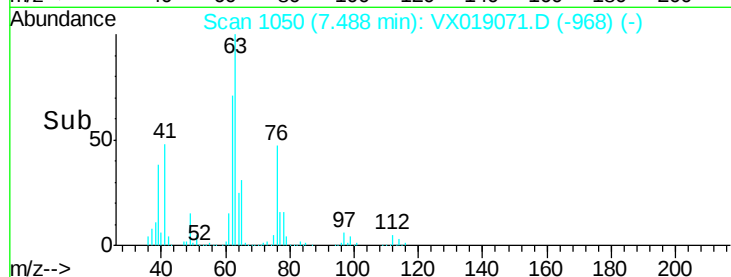
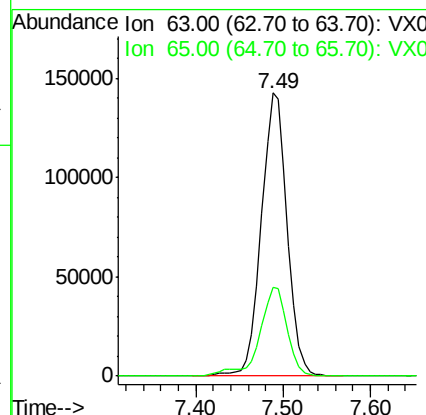
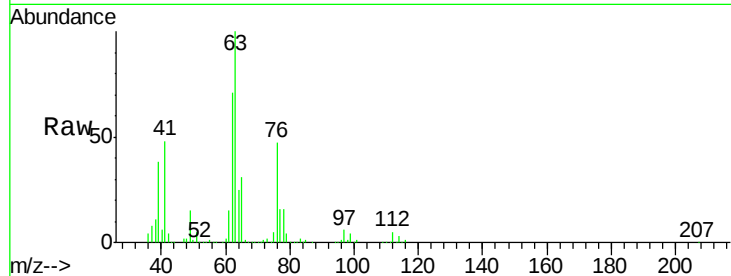
#39
 1,2-Dichloropropane
 Concen: 110.105 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	25.8	38.8

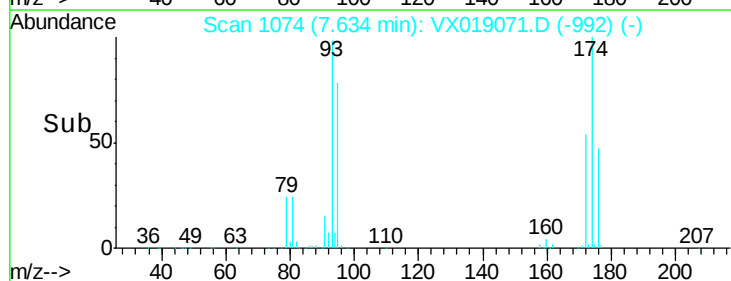
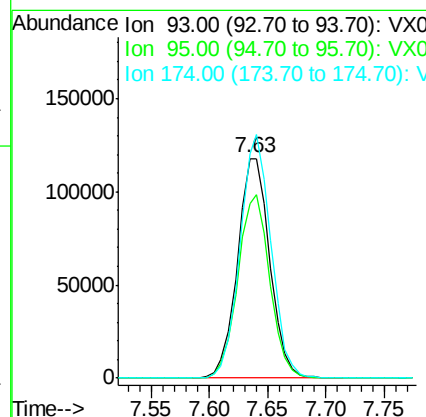
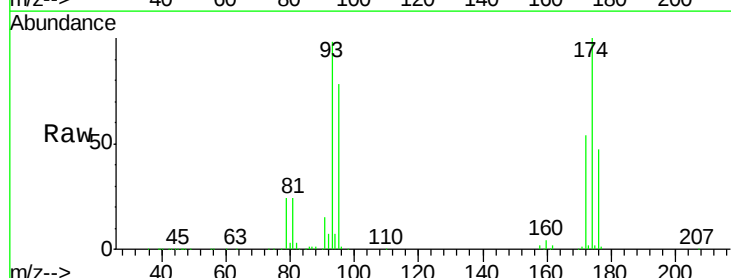
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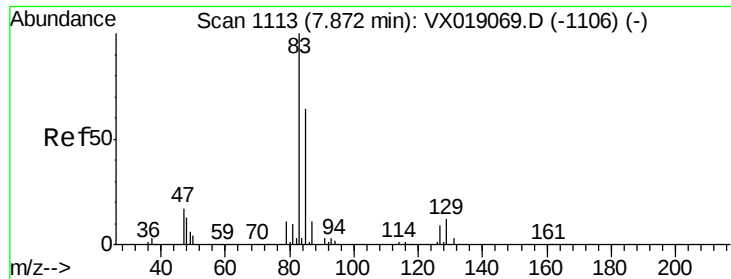
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#40
 Dibromomethane
 Concen: 115.946 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	0.0	169.0
174	106.3	0.0	205.4





#41

Bromodichloromethane

Concen: 115.593 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Instrument :

MSVOA_X

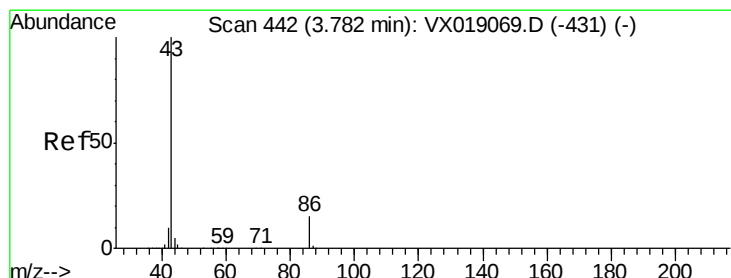
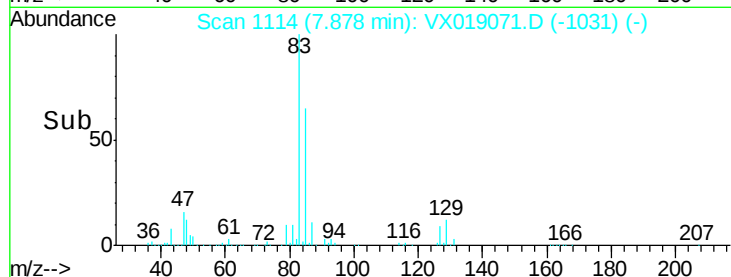
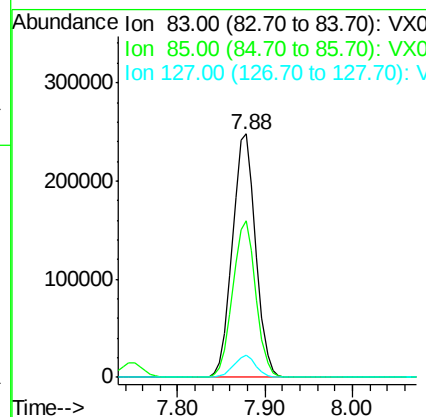
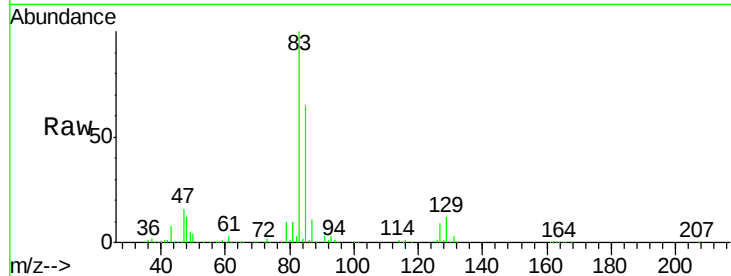
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	459817
Ion Ratio	Lower	Upper	
83	100		
85	64.5	51.2	76.8
127	9.2	7.1	10.7

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#42

Vinyl Acetate

Concen: 508.515 ug/l

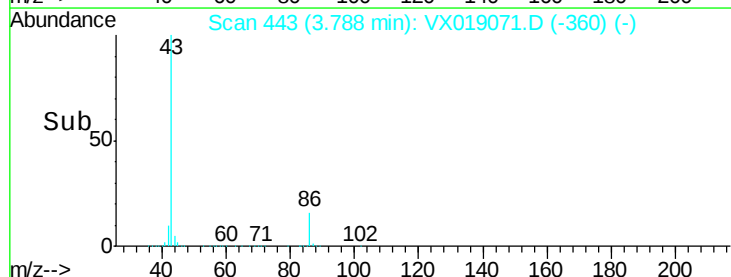
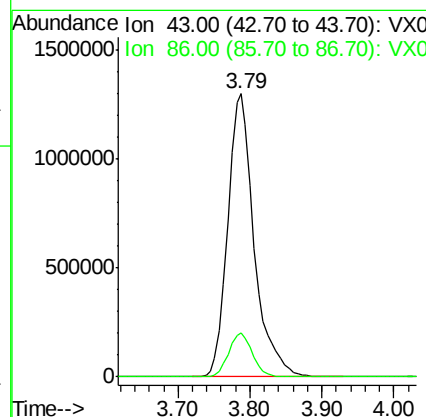
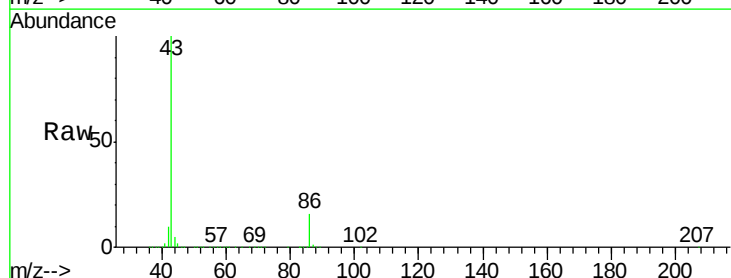
RT: 3.79 min Scan# 443

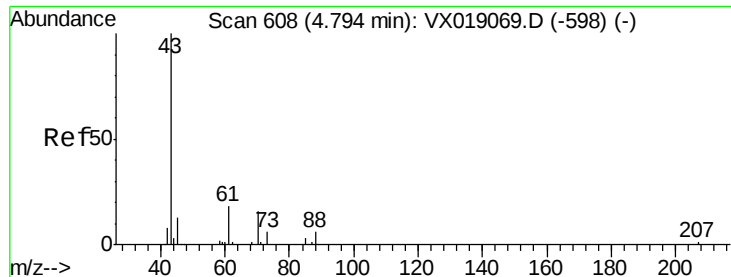
Delta R.T. 0.01 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Tgt Ion:	43	Resp:	3301799
Ion Ratio	Lower	Upper	
43	100		
86	13.9	10.6	15.8





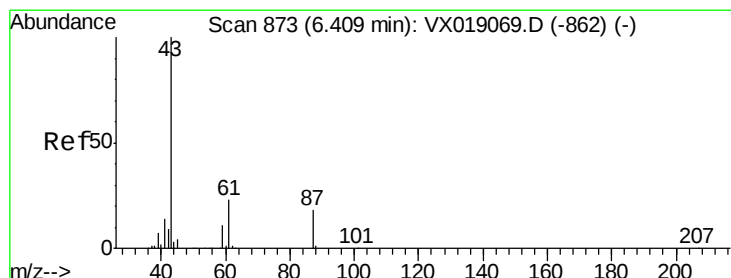
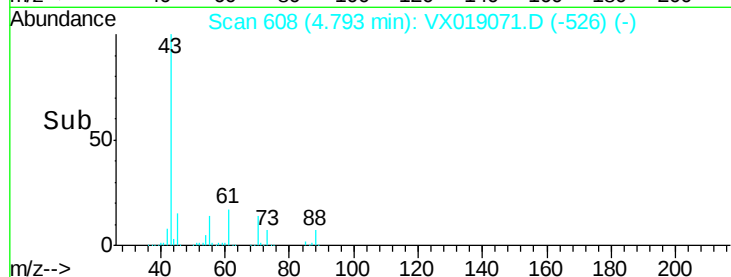
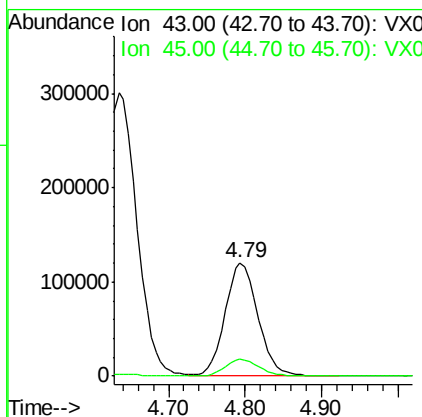
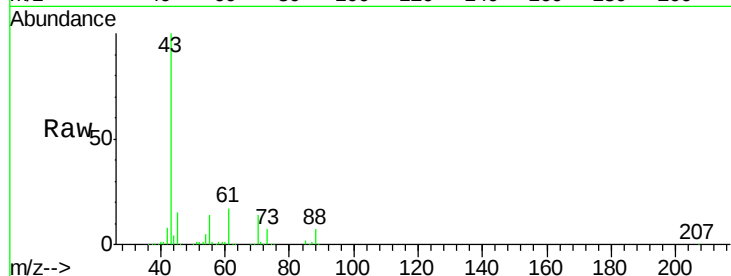
#43
Ethyl Acetate
Concen: 95.576 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 355906
Ion Ratio Lower Upper
43 100
45 15.0 12.7 19.1

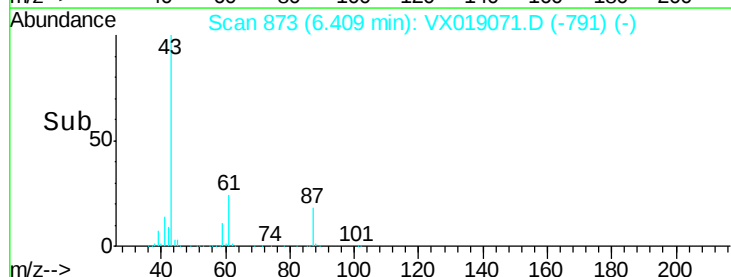
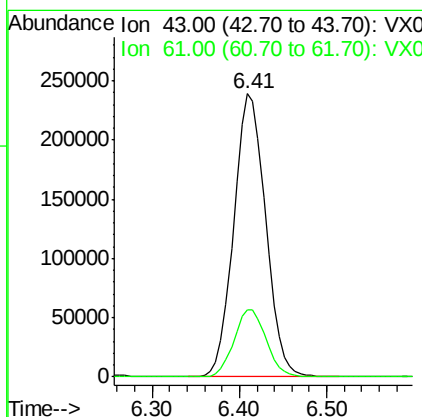
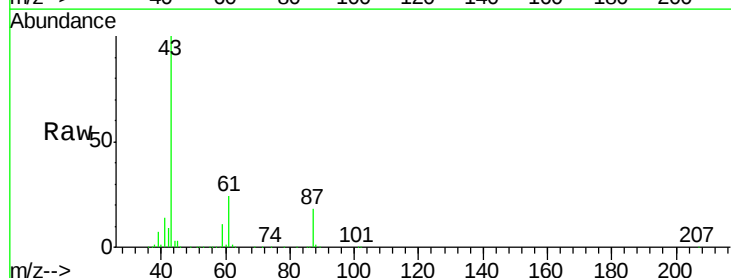
Manual Integrations
APPROVED

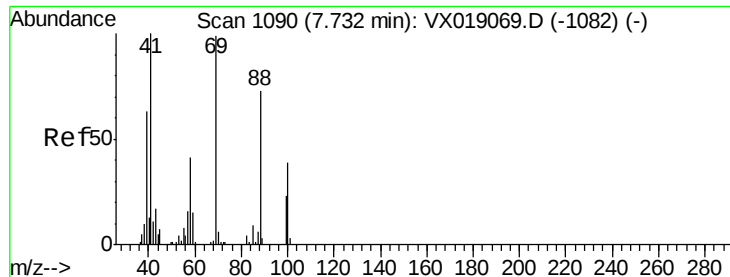
MMDadoda
10/26/2020 11:17:13 AM



#44
Isopropyl Acetate
Concen: 101.003 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion: 43 Resp: 604432
Ion Ratio Lower Upper
43 100
61 23.9 19.1 28.7





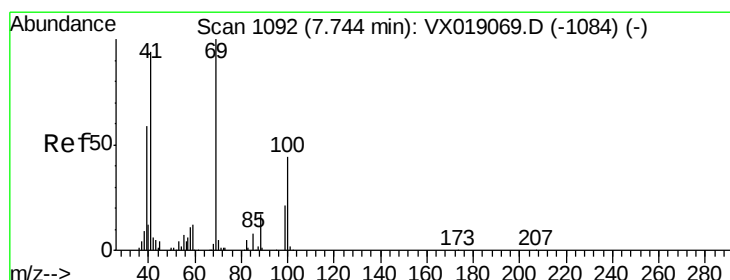
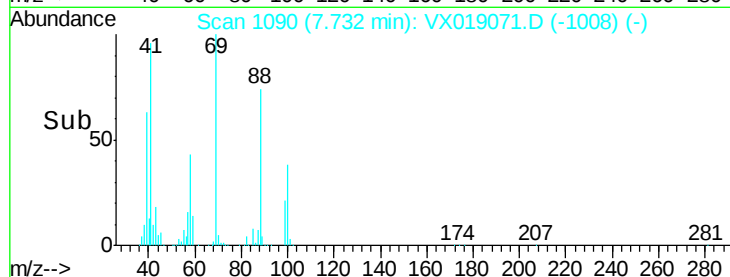
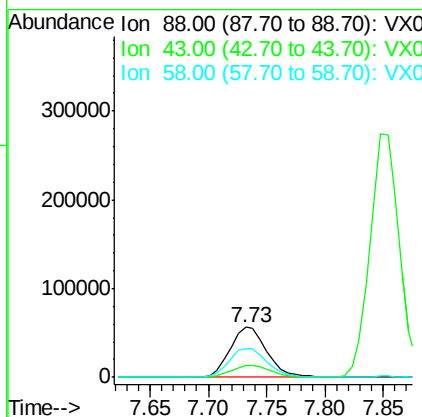
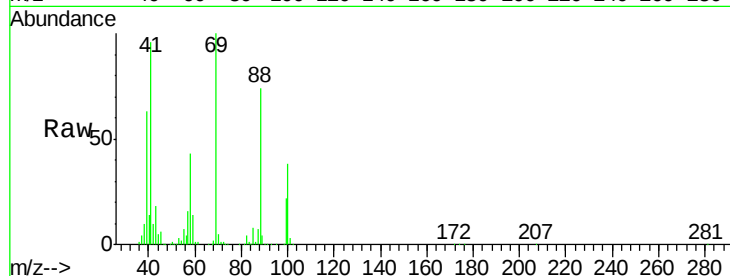
#45
1,4-Dioxane
Concen: 1965.094 ug/l
RT: 7.73 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.4	20.5	30.7
58	60.7	47.4	71.2

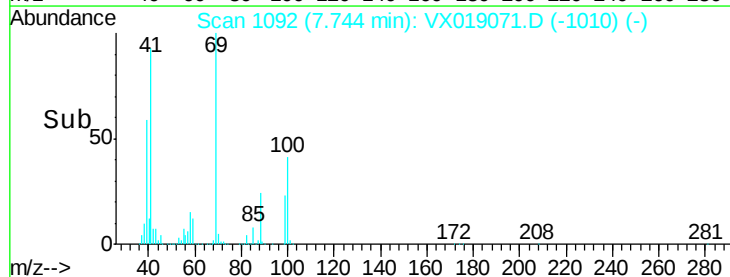
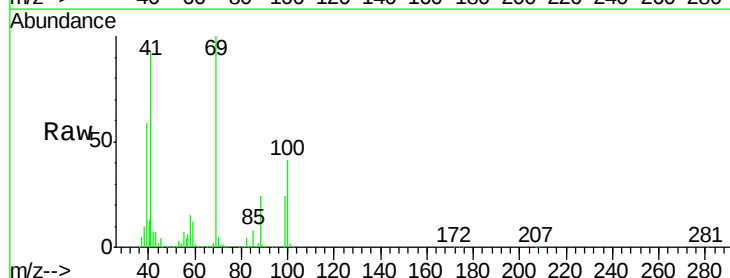
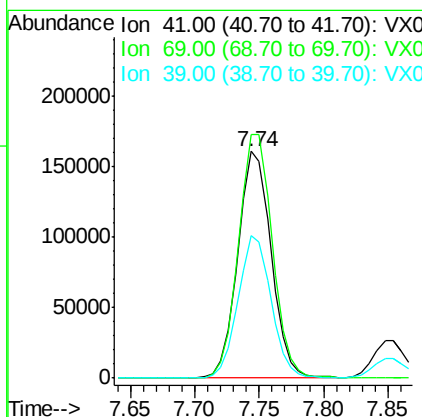
Manual Integrations
APPROVED

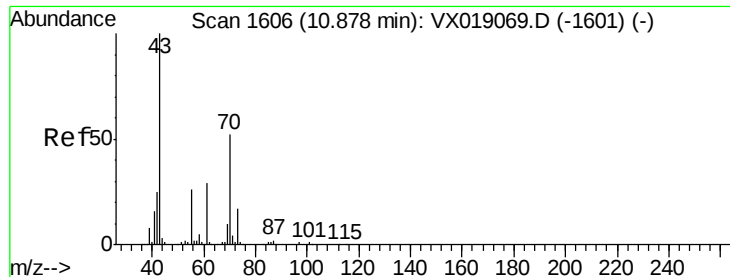
MMDadoda
10/26/2020 11:17:13 AM



#46
Methyl methacrylate
Concen: 103.174 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion	Ratio	Lower	Upper
41	100		
69	107.3	53.1	159.4
39	62.9	31.3	93.9





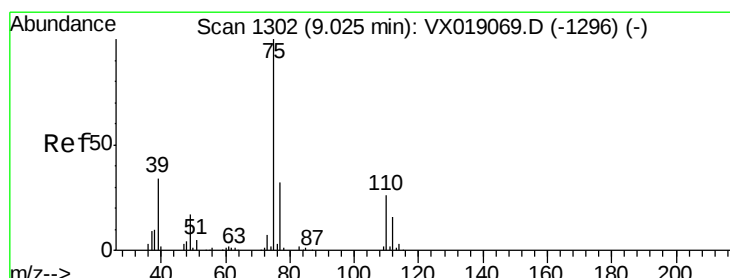
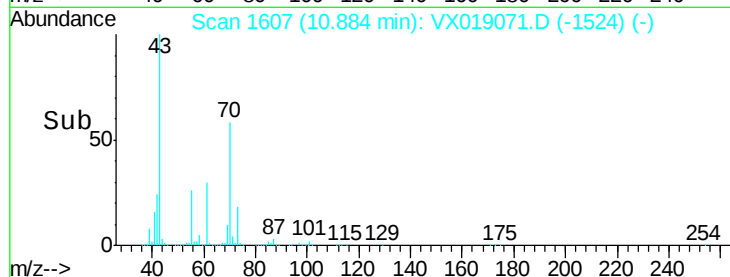
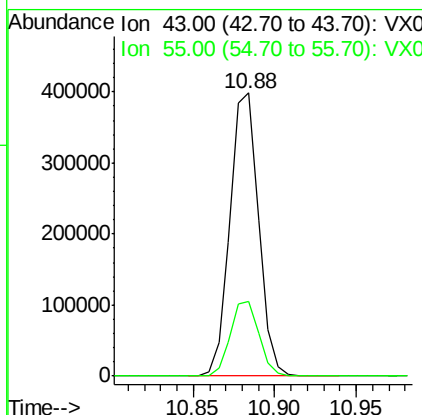
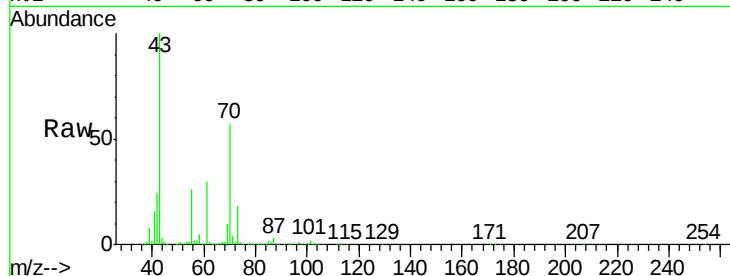
#47
 n-amvl Acetate
 Concen: 98.953 ug/l
 RT: 10.88 min Scan# 1607
 Delta R.T. 0.01 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 43 Resp: 486043
 Ion Ratio Lower Upper
 43 100
 55 26.4 21.5 32.3

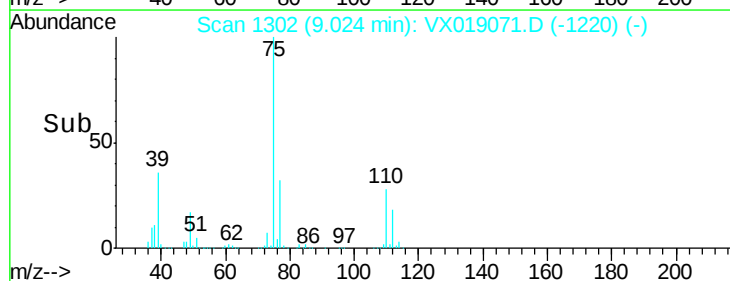
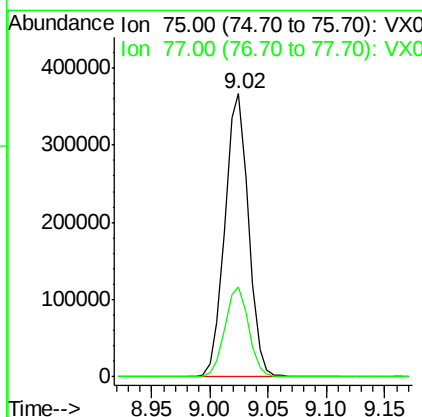
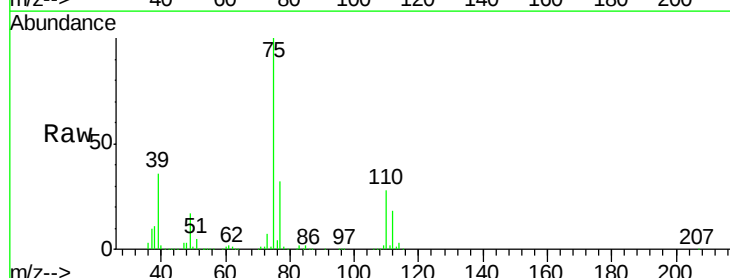
Manual Integrations
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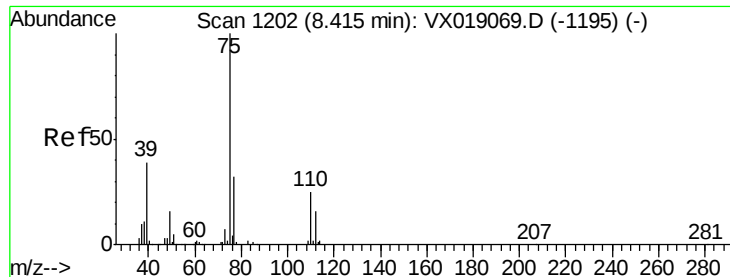
MMDadoda
 10/26/2020 11:17:13 AM



#48
 t-1,3-Dichloropropene
 Concen: 114.143 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

Tgt Ion: 75 Resp: 515581
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.3 37.9





#49

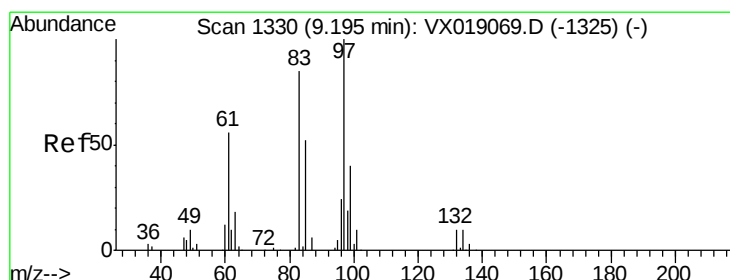
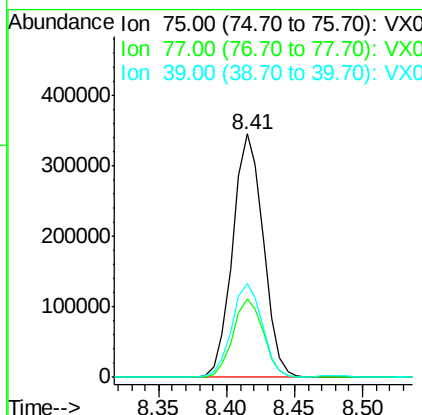
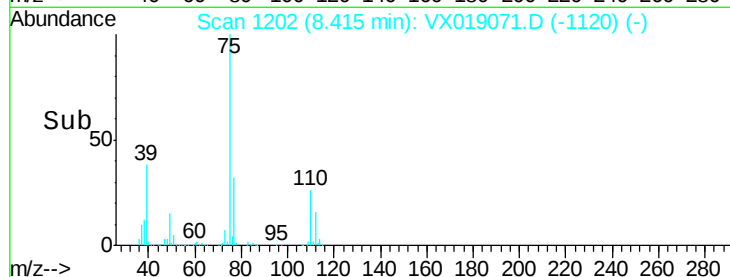
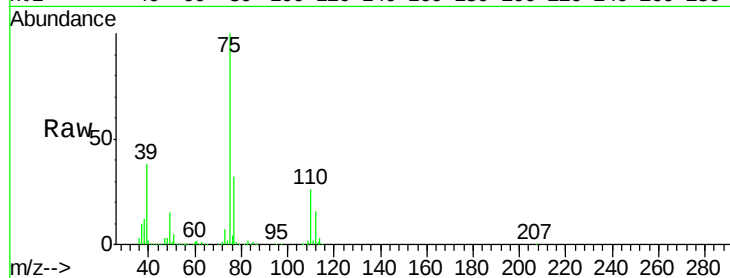
cis-1,3-Dichloropropene
 Concen: 113.022 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:	75	Resp:	543087
Ion Ratio		Lower	Upper
75	100		
77	32.3	25.8	38.8
39	38.3	31.0	46.6

Manual Integrations
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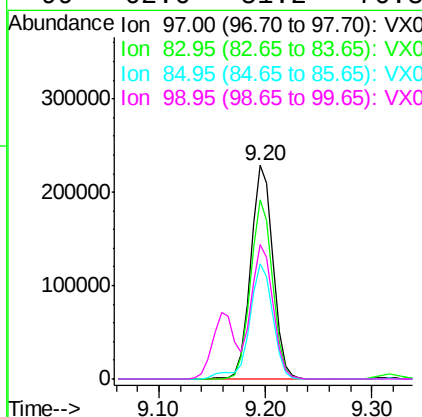
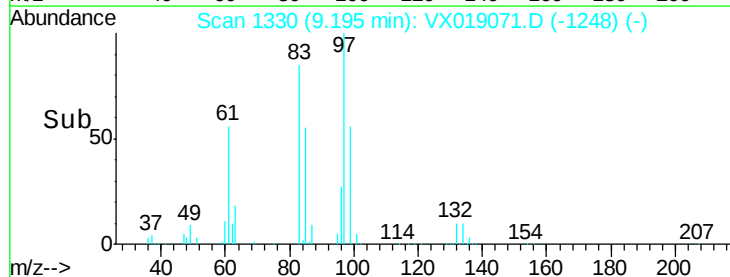
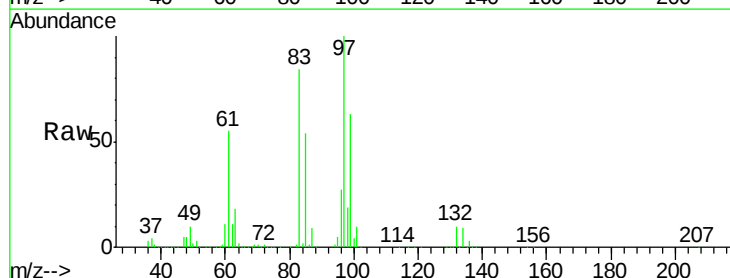
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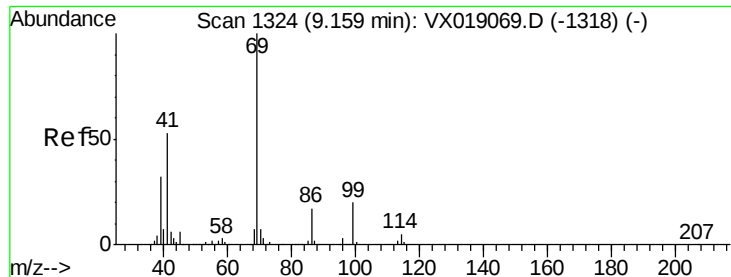


#50

1,1,2-Trichloroethane
 Concen: 120.404 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

Tgt Ion:	97	Resp:	337639
Ion Ratio		Lower	Upper
97	100		
83	84.0	67.8	101.6
85	54.0	43.5	65.3
99	62.6	51.2	76.8





#51

Ethyl methacrylate

Concen: 112.840 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Instrument :

MSVOA_X

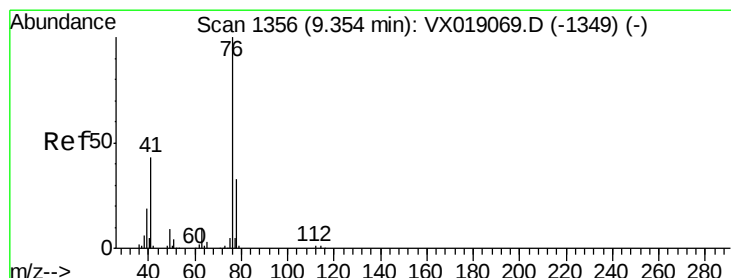
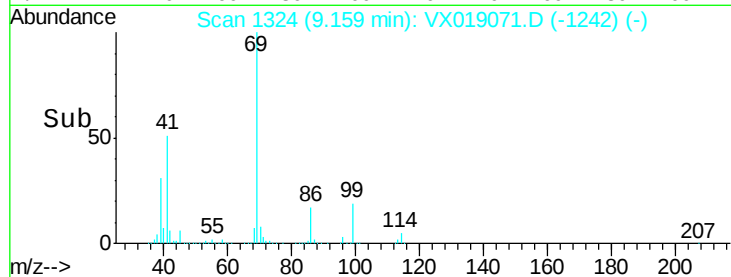
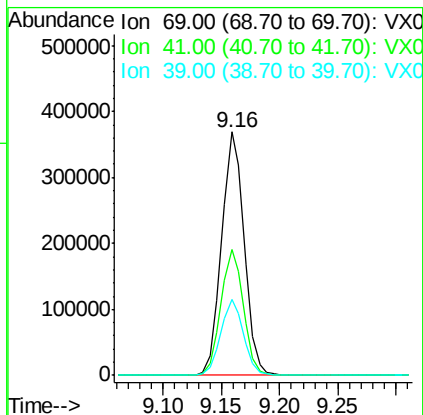
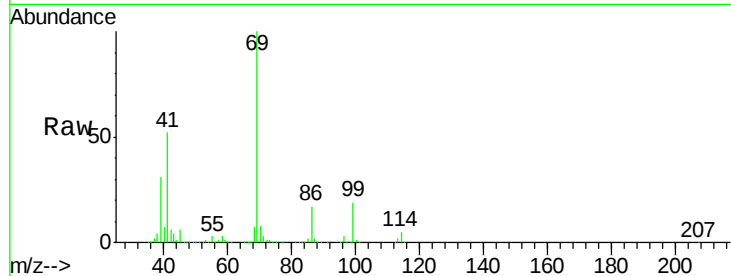
ClientSampleId :

VSTDIC100

Tot Ion:	69	Resp:	493705
Ion Ratio	Lower	Upper	
69	100		
41	51.5	26.5	79.4
39	31.0	16.2	48.6

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 116.102 ug/l

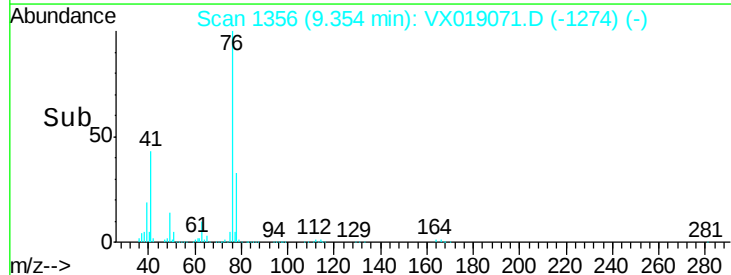
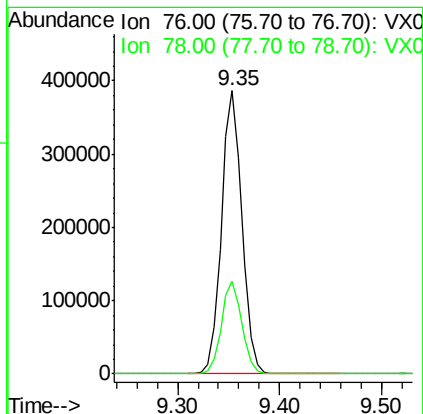
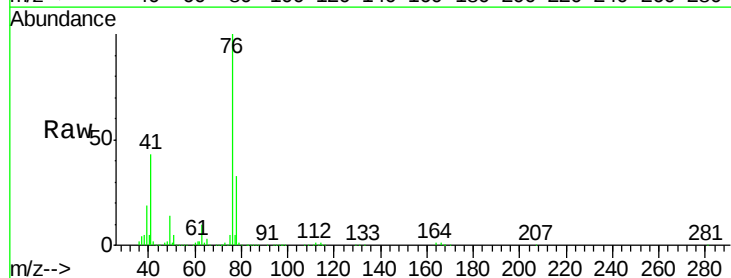
RT: 9.35 min Scan# 1356

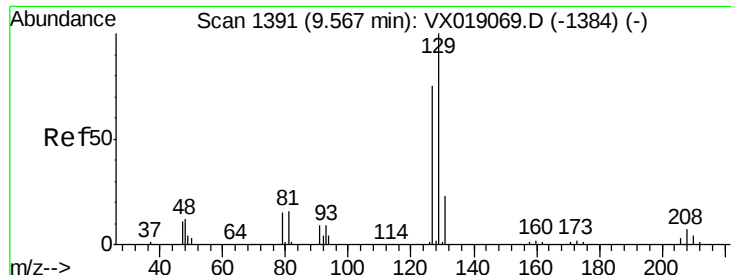
Delta R.T. -0.00 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Tgt Ion:	76	Resp:	538775
Ion Ratio	Lower	Upper	
76	100		
78	32.5	0.0	65.2





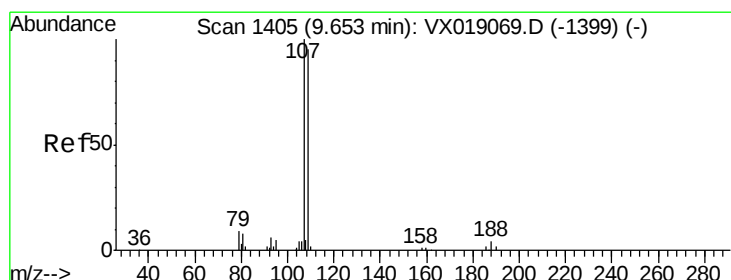
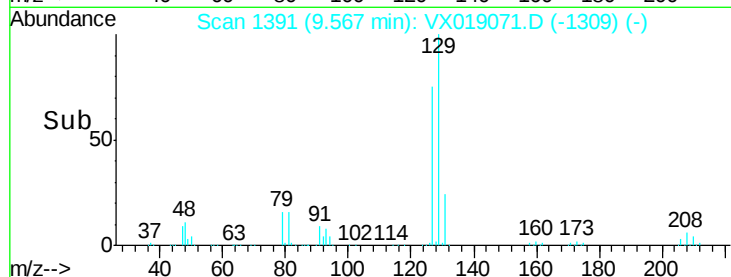
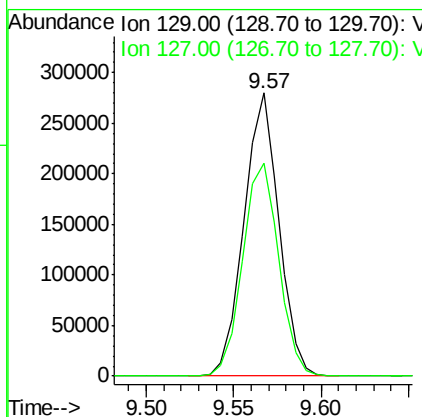
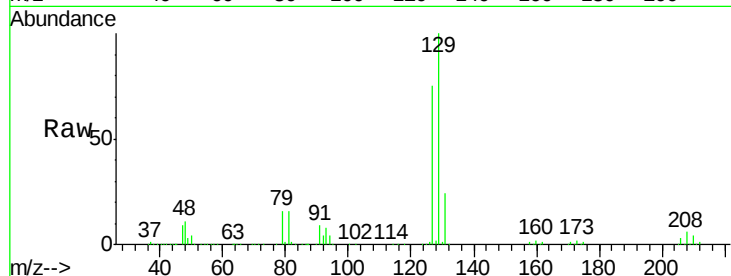
#53
Dibromochloromethane
Concen: 118.647 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:129 Resp: 388125
Ion Ratio Lower Upper
129 100
127 77.9 38.4 115.1

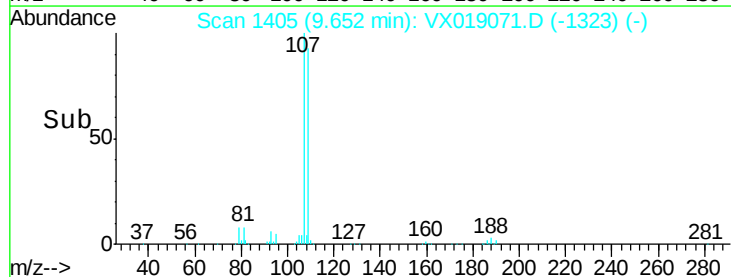
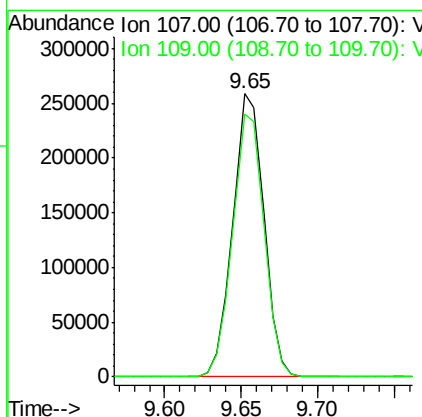
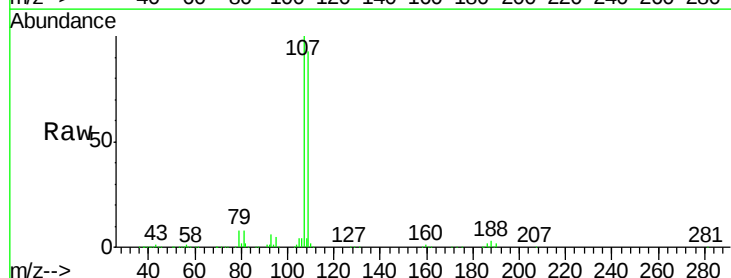
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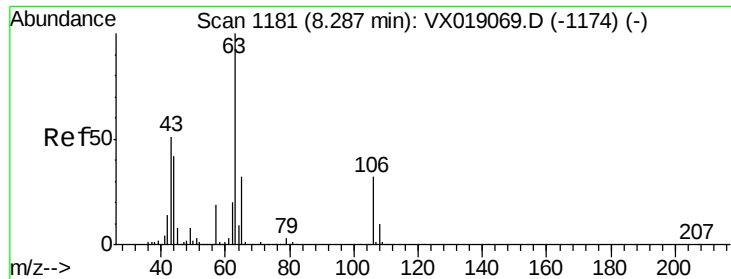
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#54
1,2-Dibromoethane
Concen: 118.316 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion:107 Resp: 364758
Ion Ratio Lower Upper
107 100
109 94.3 74.6 112.0





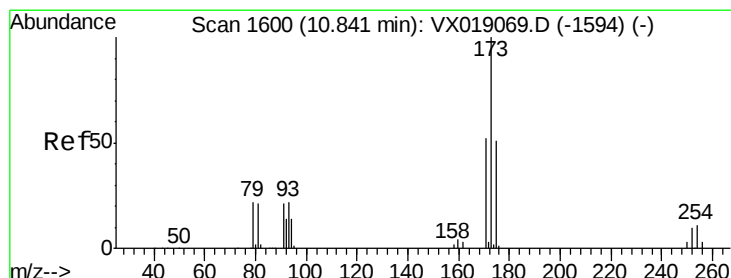
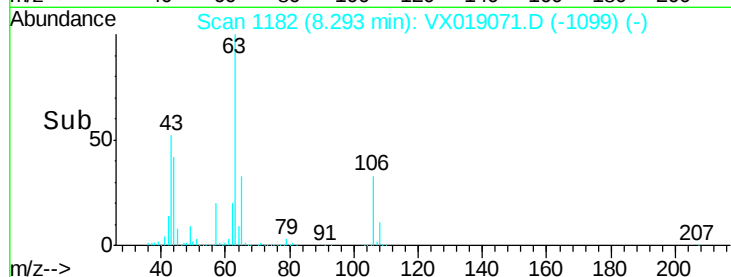
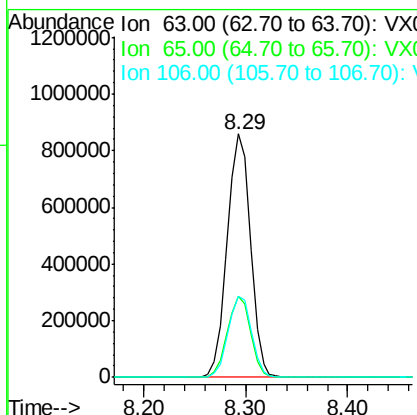
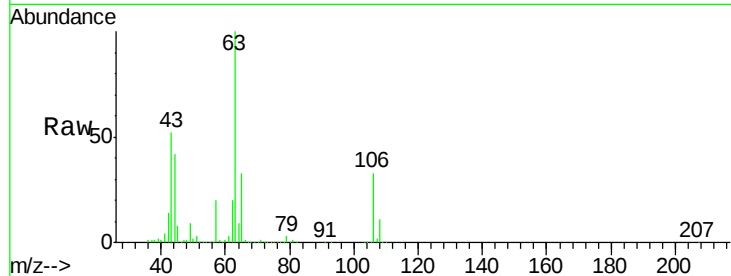
#55
2-Chloroethyl vinyl ether
Concen: 573.736 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.8	26.0	39.0
106	33.3	25.9	38.9

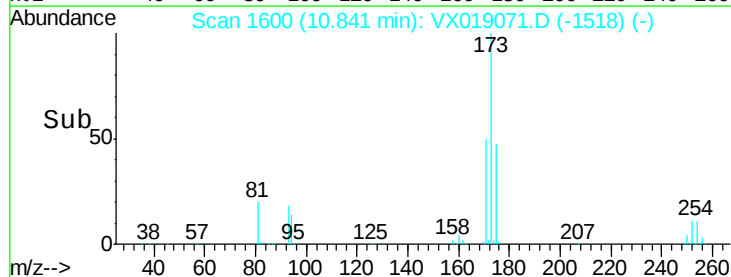
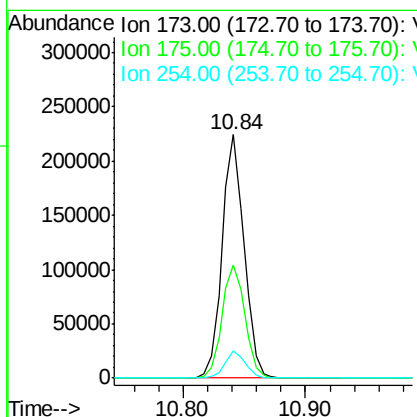
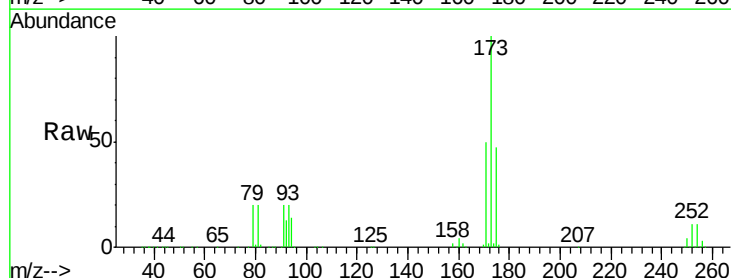
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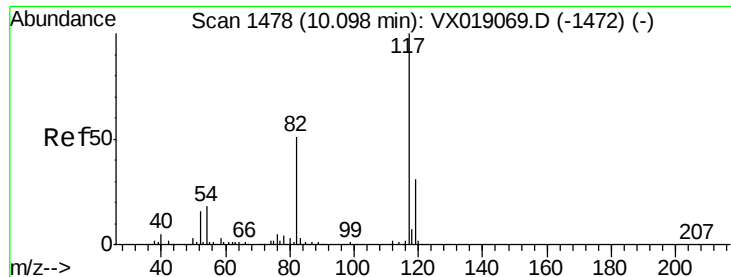
MMDadoda
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#56
Bromoform
Concen: 111.162 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.4	39.6	59.4
254	10.6	8.6	13.0





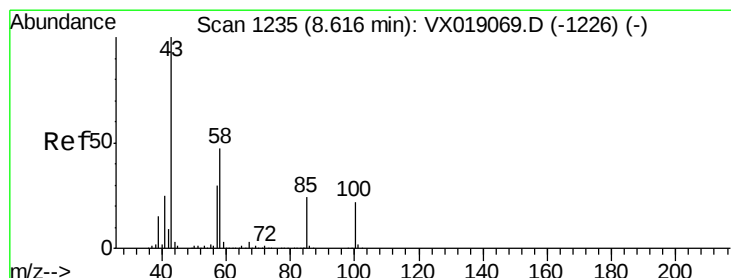
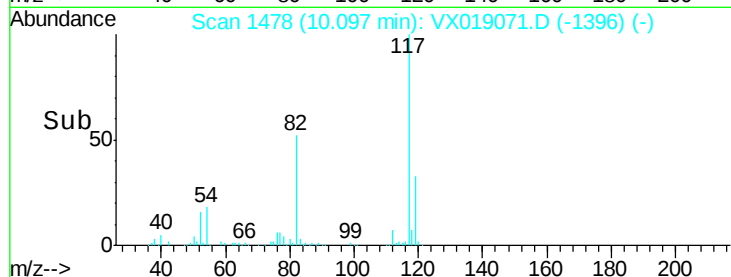
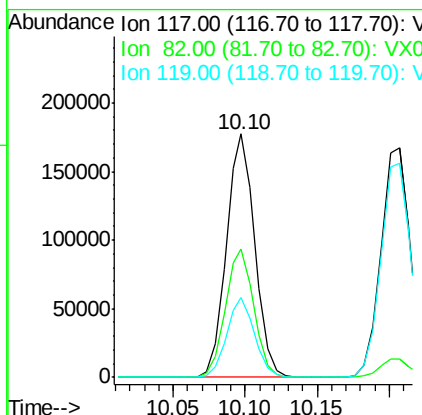
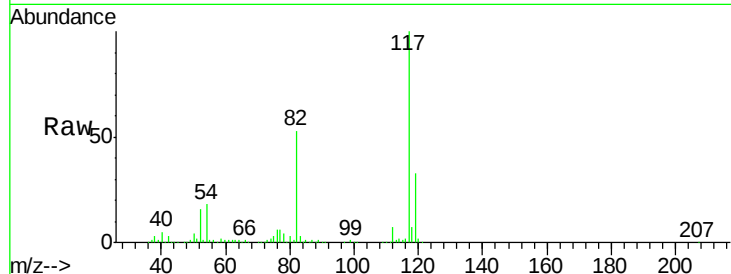
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.5	63.7
119	31.9	25.6	38.4

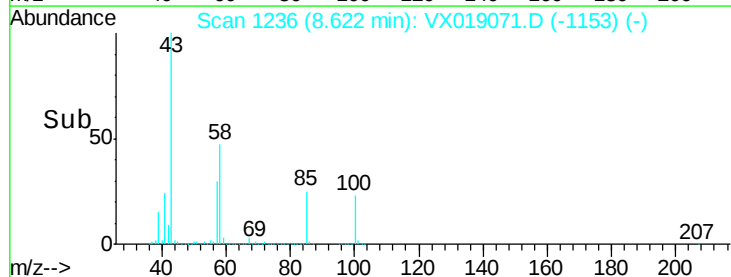
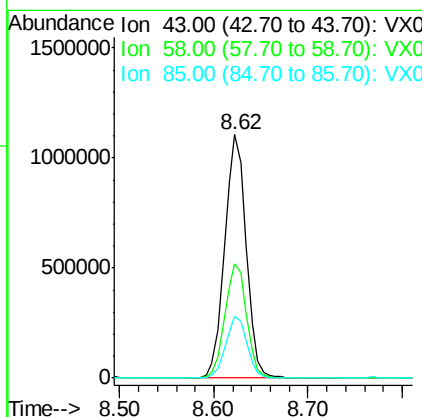
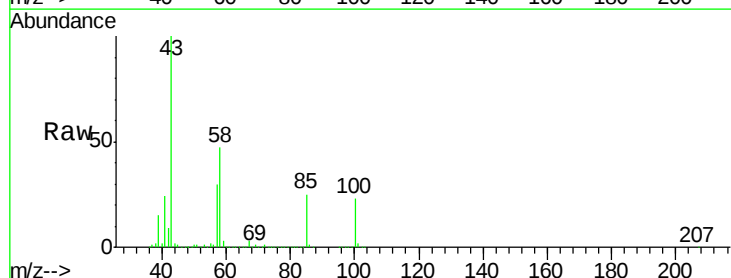
Manual Integrations
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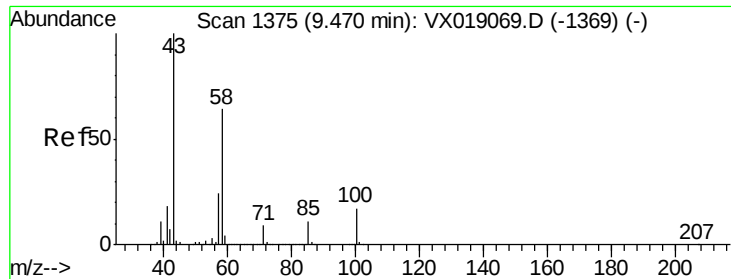
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 463.829 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion	Ratio	Lower	Upper
43	100		
58	47.3	37.6	56.4
85	25.2	19.4	29.2





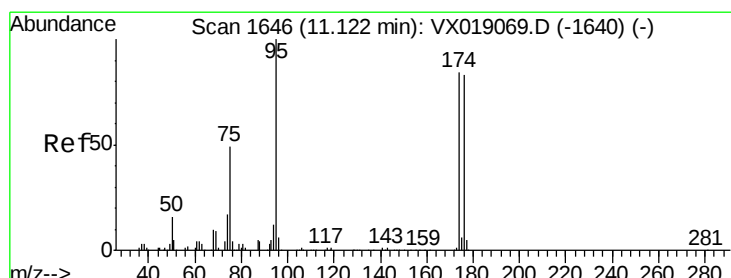
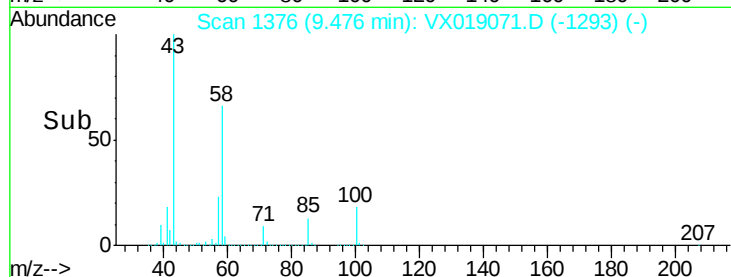
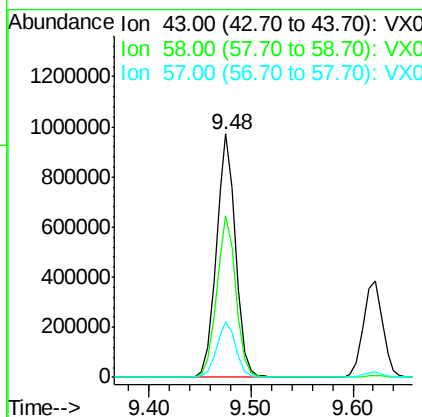
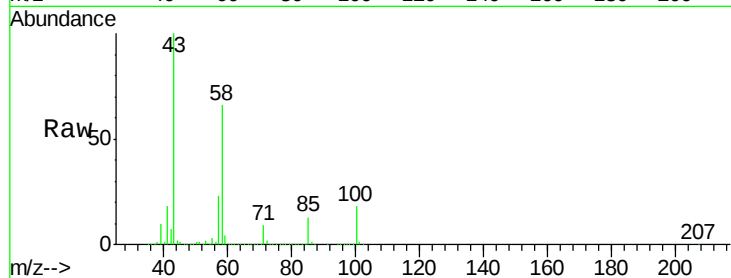
#59
2-Hexanone
Concen: 446.571 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 1280029
Ion Ratio Lower Upper
43 100
58 66.2 51.9 77.9
57 22.8 18.2 27.4

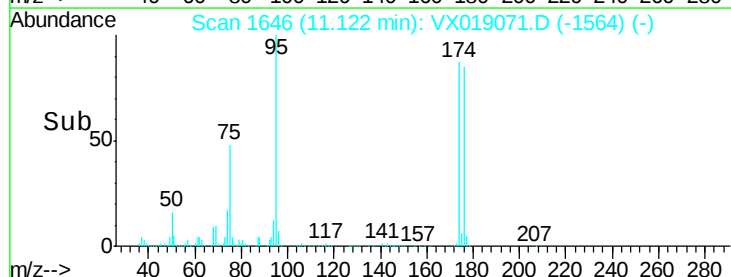
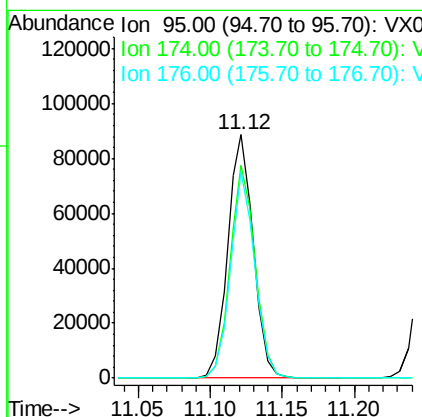
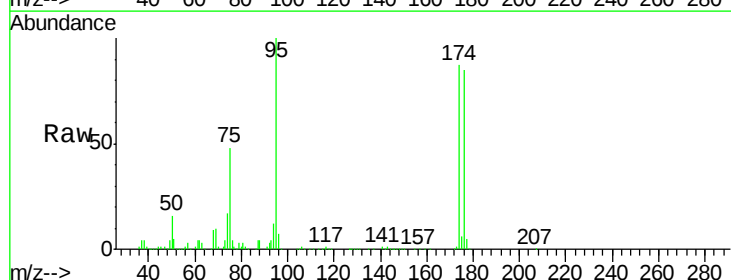
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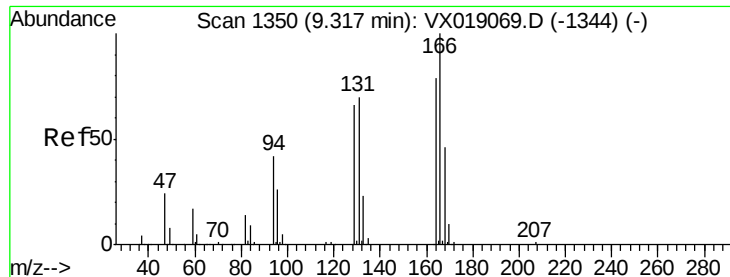
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#60
4-Bromofluorobenzene
Concen: 29.207 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion: 95 Resp: 110305
Ion Ratio Lower Upper
95 100
174 86.1 66.3 99.5
176 80.9 65.5 98.3





#61

Tetrachloroethene

Concen: 109.115 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:164 Resp: 324543

Ion Ratio Lower Upper

164 100

166 119.5 101.9 152.9

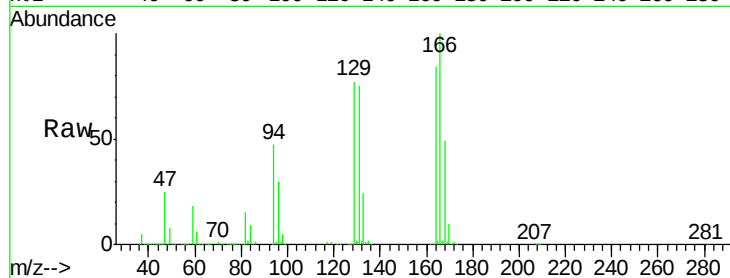
129 91.6 67.0 100.6

131 90.0 71.1 106.7

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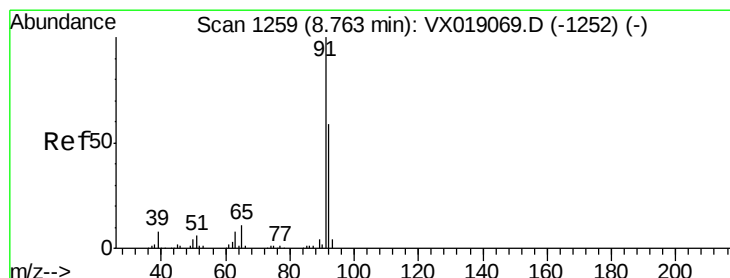
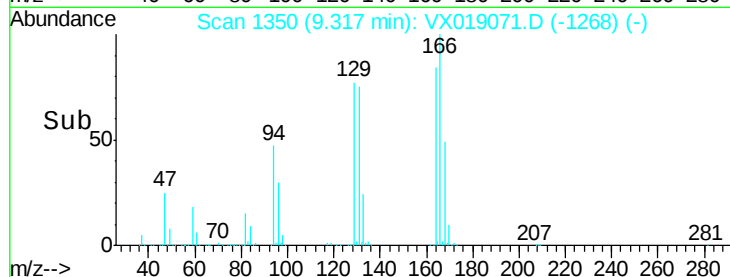
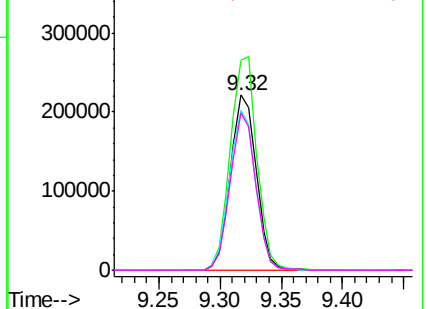


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 110.688 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX019071.D

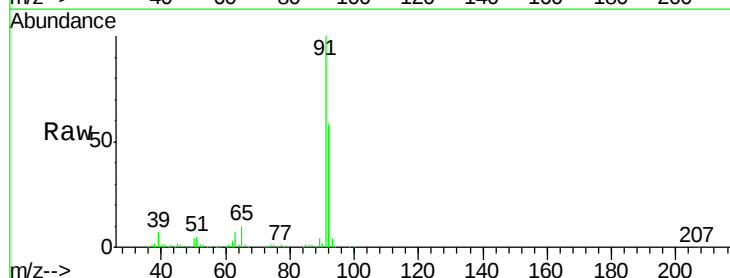
Acq: 23 Oct 2020 11:00

Tgt Ion: 91 Resp: 1436054

Ion Ratio Lower Upper

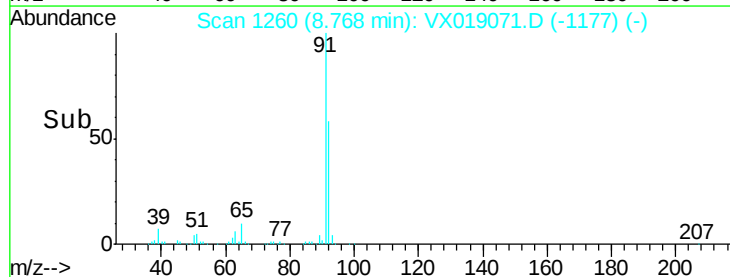
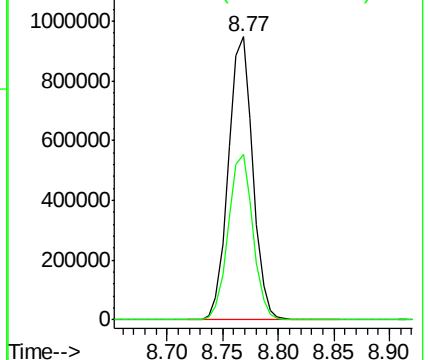
91 100

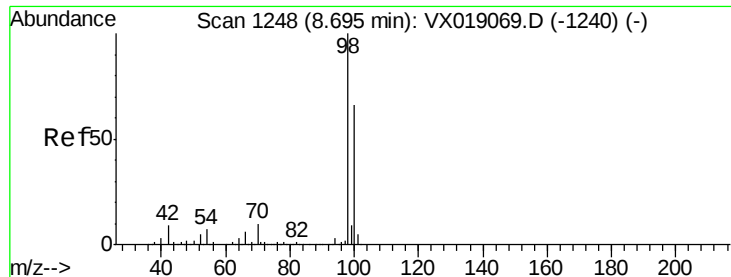
92 58.9 47.3 70.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.205 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 98 Resp: 316035

Ion Ratio Lower Upper

98 100

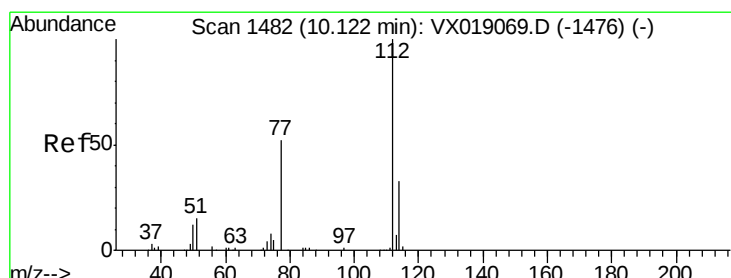
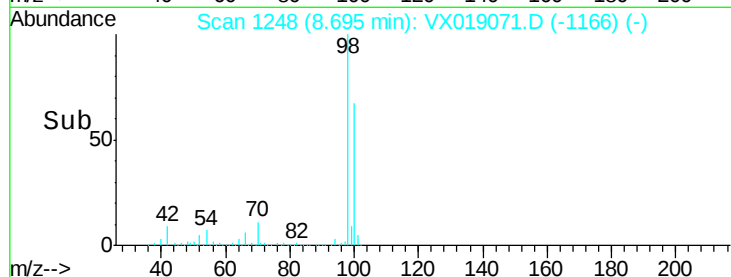
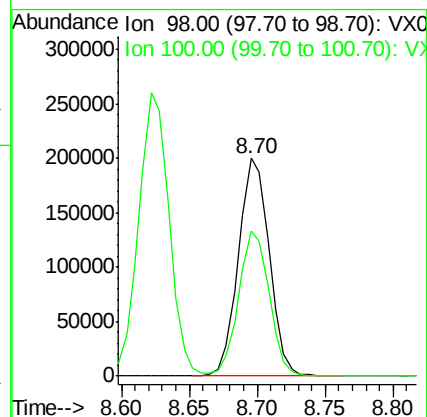
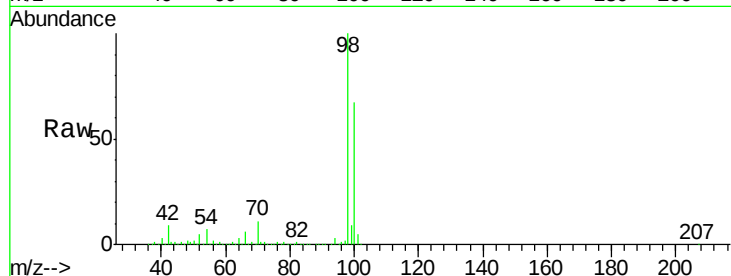
100 66.2 52.2 78.4

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#64

Chlorobenzene

Concen: 112.572 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX019071.D

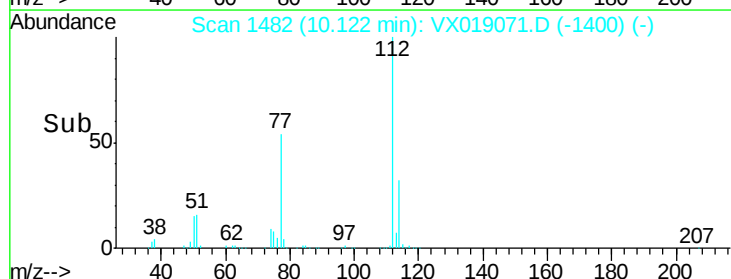
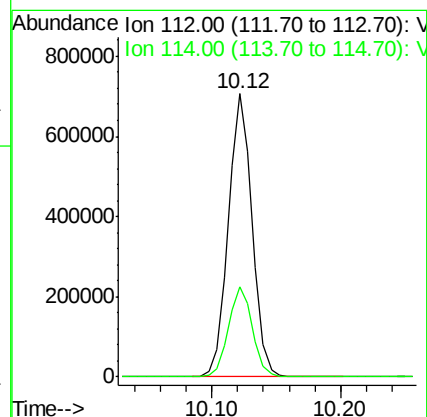
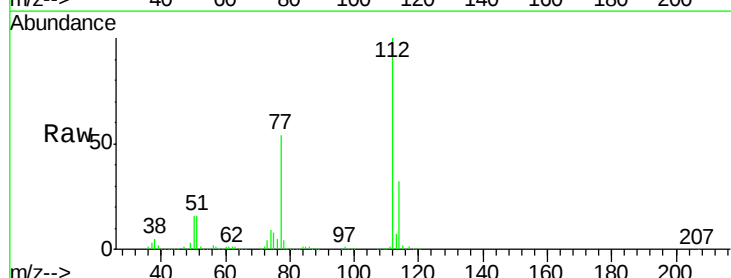
Acq: 23 Oct 2020 11:00

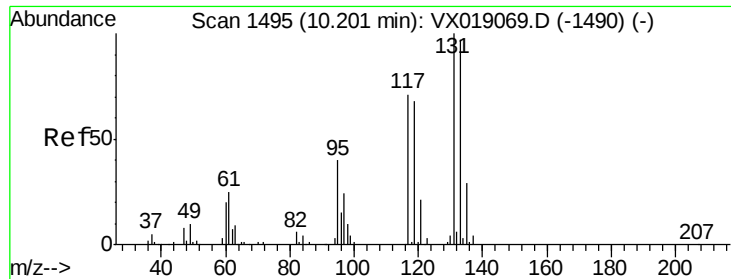
Tgt Ion: 112 Resp: 917996

Ion Ratio Lower Upper

112 100

114 32.0 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 108.725 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Instrument :

MSVOA_X

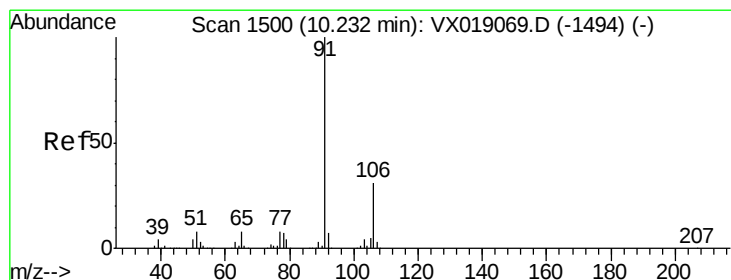
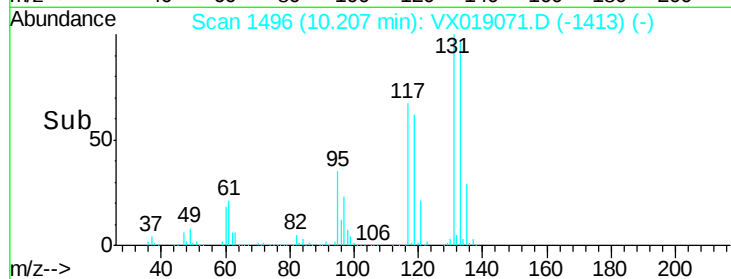
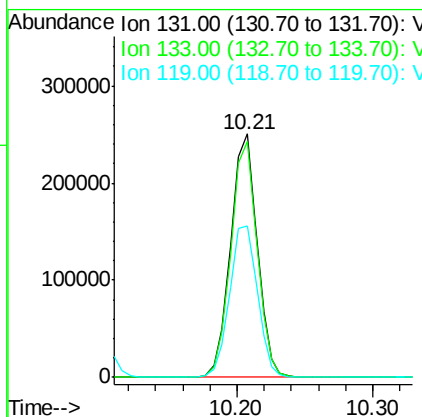
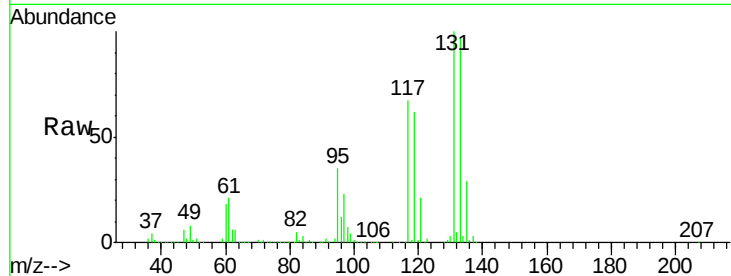
ClientSampleId :

VSTDIC100

Tot Ion:	131	Resp:	340869
Ion Ratio		Lower	Upper
131	100		
133	96.1	0.0	191.6
119	65.6	0.0	130.0

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#66

Ethyl Benzene

Concen: 112.797 ug/l

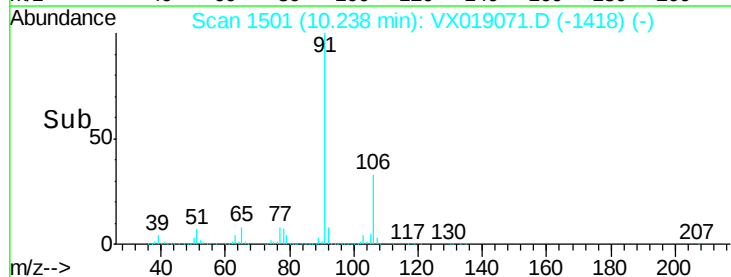
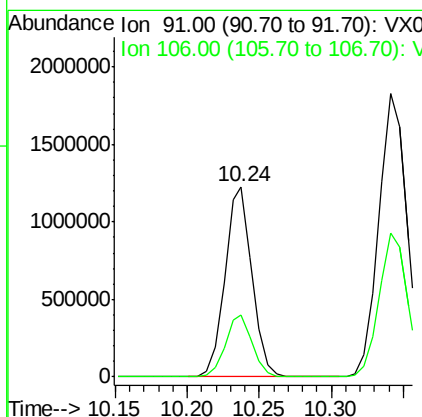
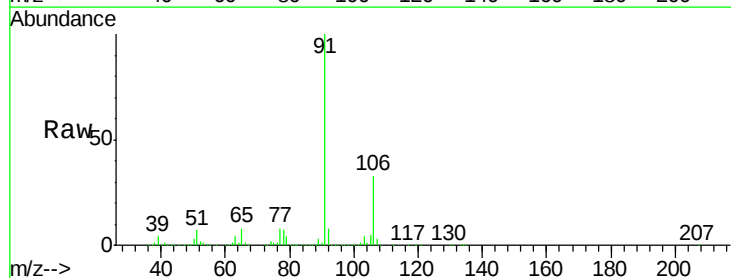
RT: 10.24 min Scan# 1501

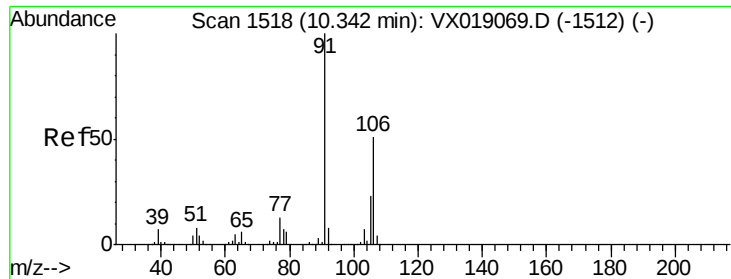
Delta R.T. 0.01 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Tgt Ion:	91	Resp:	1608595
Ion Ratio		Lower	Upper
91	100		
106	32.7	24.7	37.1





#67

m/p-Xylenes

Concen: 221.989 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:106 Resp: 1235820

Ion Ratio Lower Upper

106 100

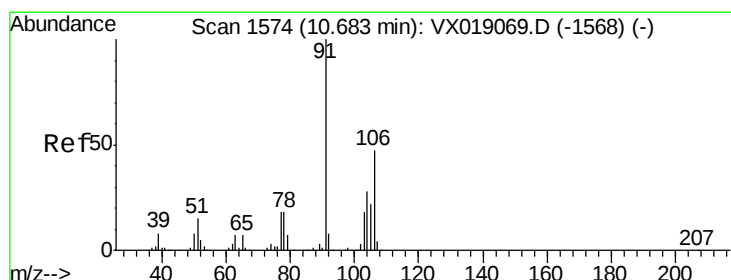
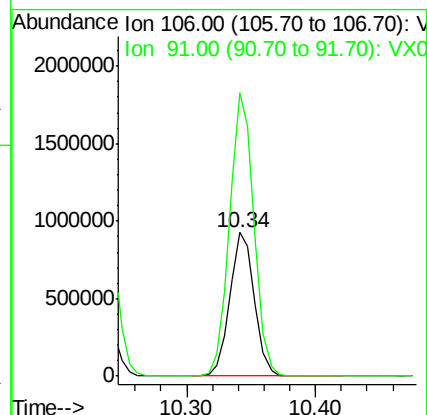
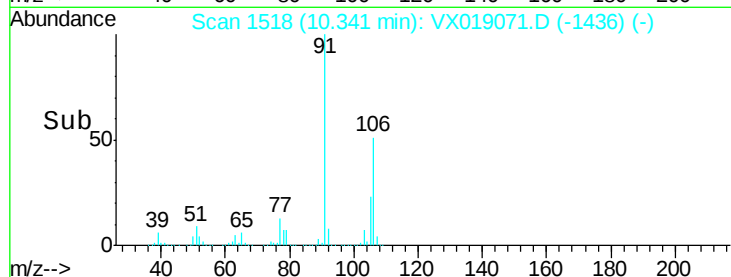
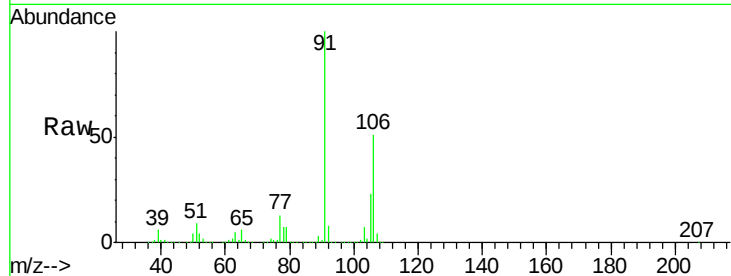
91 197.0 157.5 236.3

Manual Integrations

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#68

o-Xylene

Concen: 112.766 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX019071.D

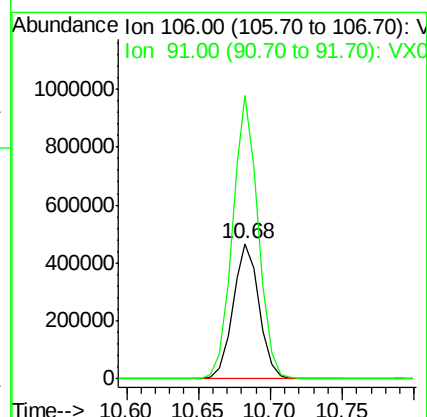
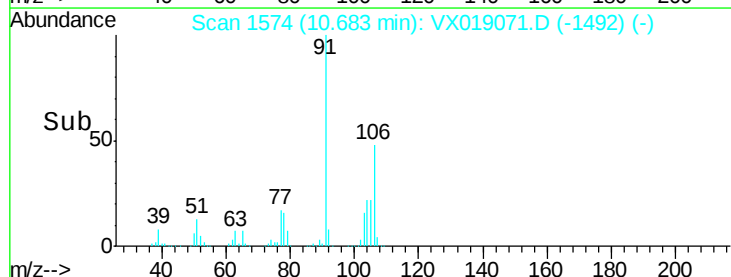
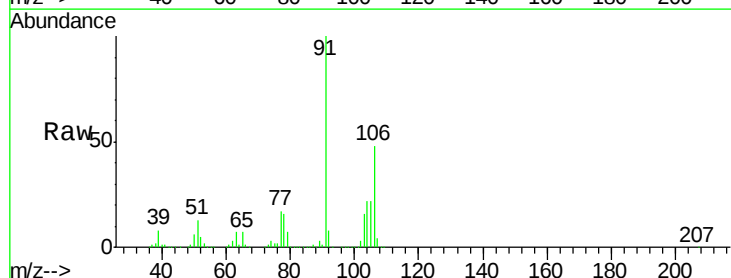
Acq: 23 Oct 2020 11:00

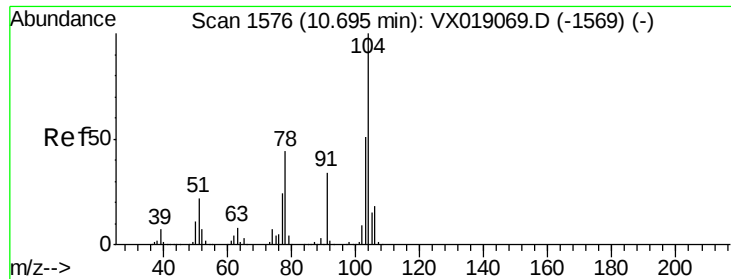
Tgt Ion:106 Resp: 592485

Ion Ratio Lower Upper

106 100

91 204.5 103.8 311.4





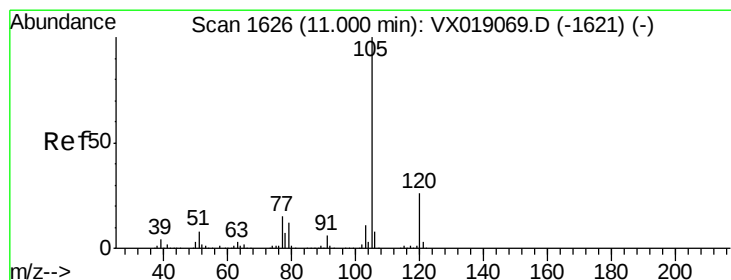
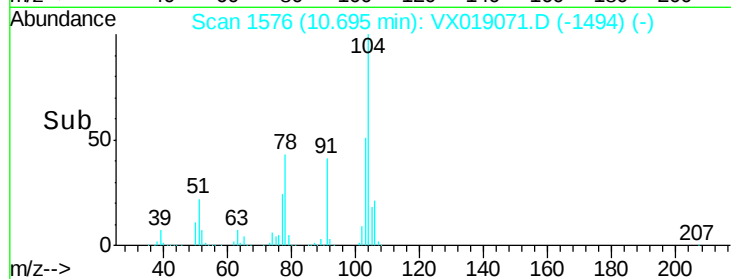
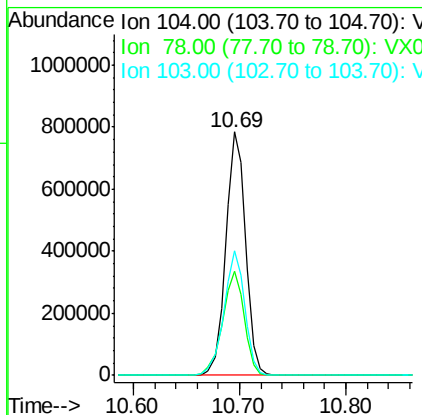
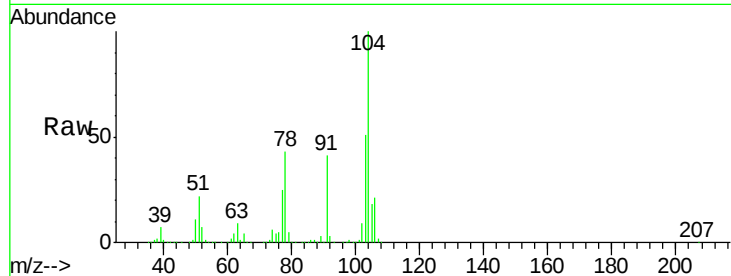
#69
Stvrene
Concen: 112.956 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
104	100		
78	46.8	38.6	58.0
103	54.2	43.4	65.2

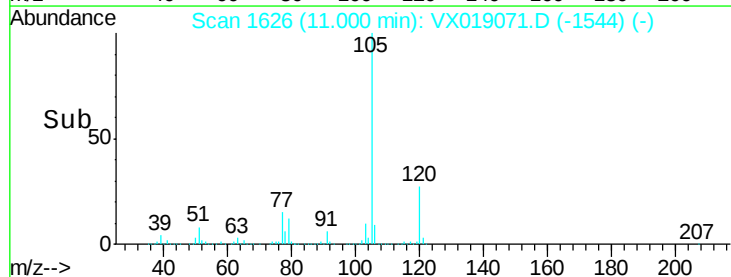
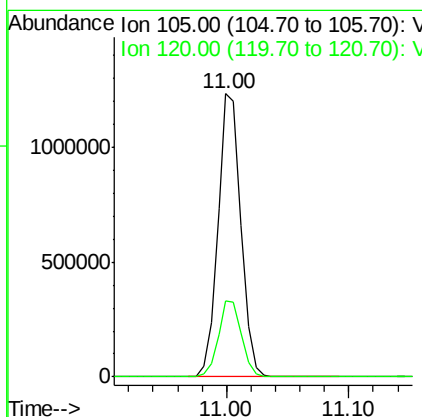
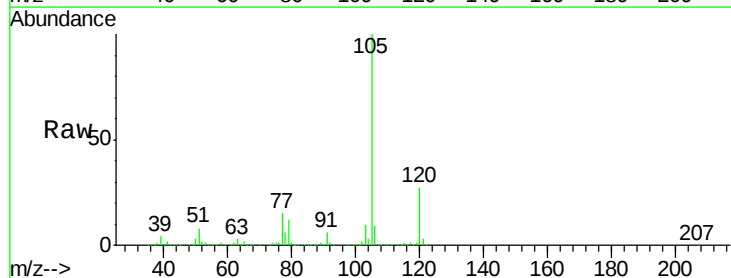
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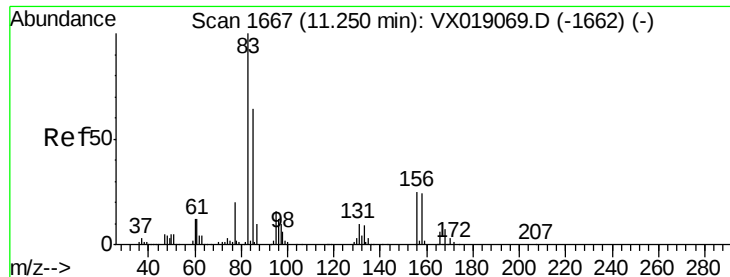
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#70
Isopropylbenzene
Concen: 115.117 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	19.0	35.4





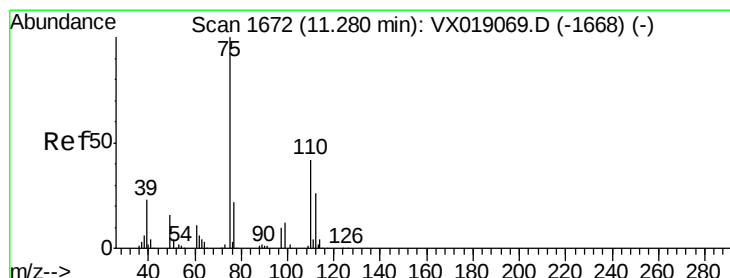
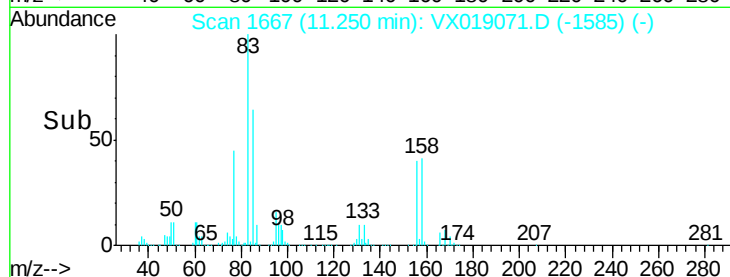
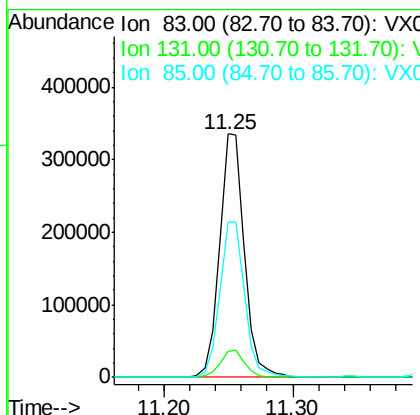
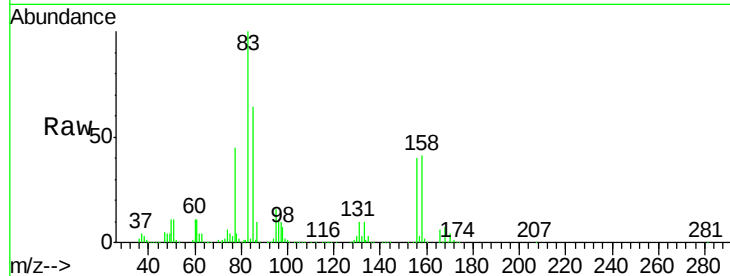
#71
 1,1,2,2-Tetrachloroethane
 Concen: 104.280 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
83	100	453305		
131	10.8	5.2	15.6	
85	64.6	32.5	97.4	

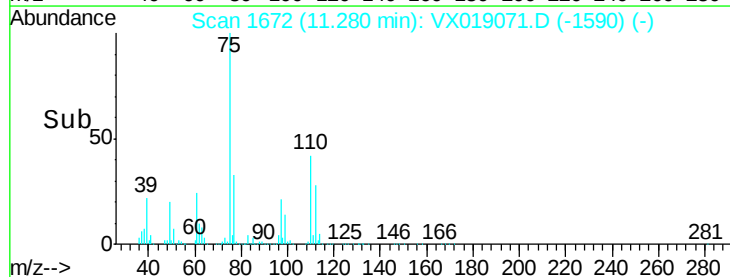
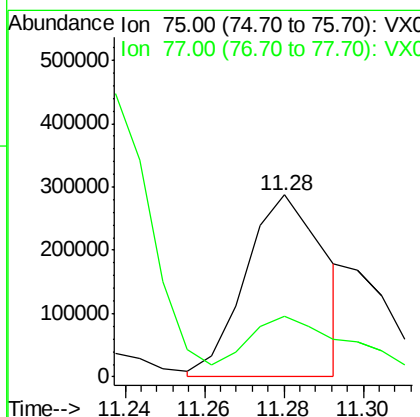
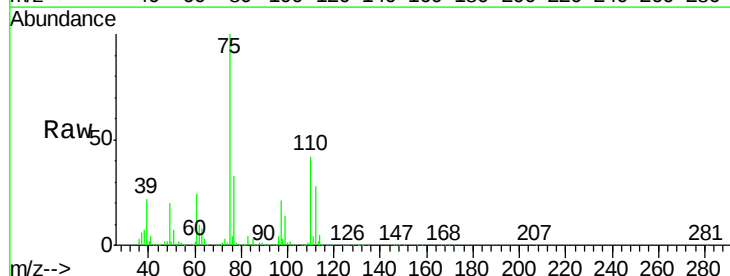
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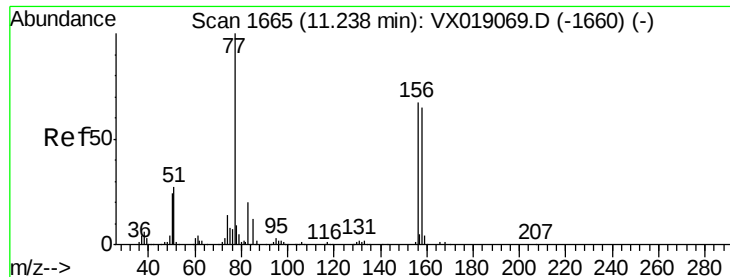
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#72
 1,2,3-Trichloropropane
 Concen: 98.142 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	396330		
77	43.8	0.0	81.8	





#73

Bromobenzene

Concen: 109.981 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Instrument :

MSVOA_X

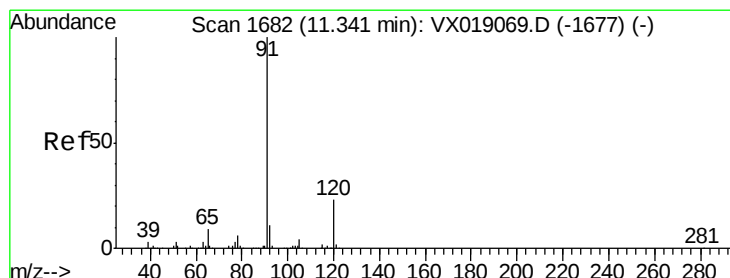
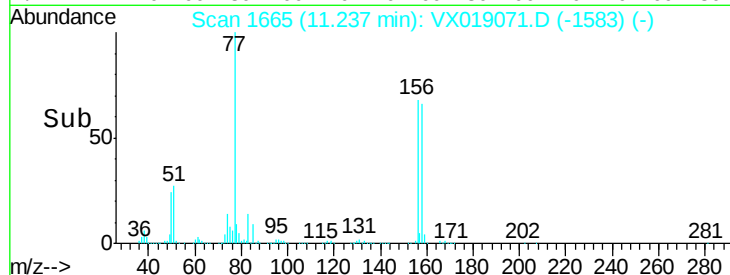
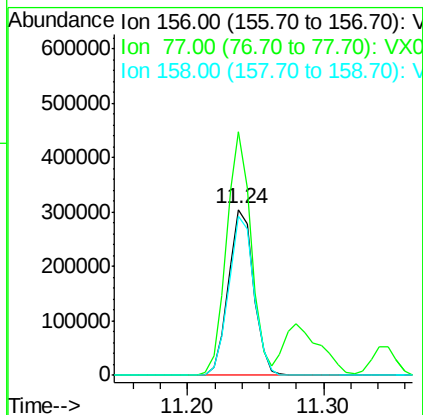
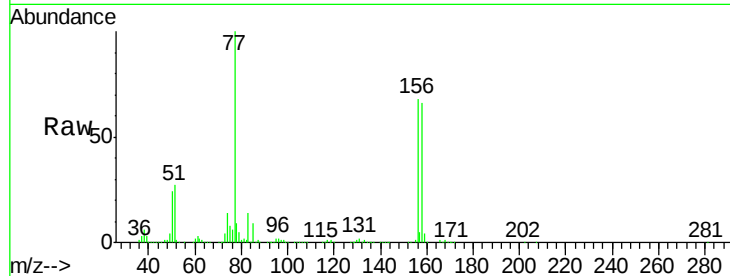
ClientSampleId :

VSTDIC100

Tot Ion:	156	Resp:	392363
Ion Ratio	Lower	Upper	
156	100		
77	142.8	0.0	299.6
158	96.2	0.0	192.2

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#74

n-propylbenzene

Concen: 111.989 ug/l

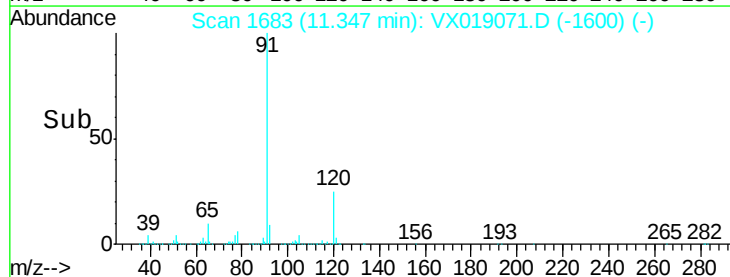
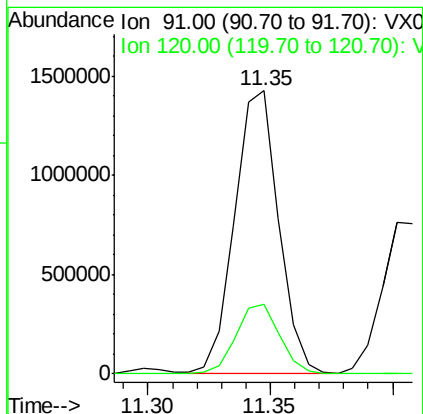
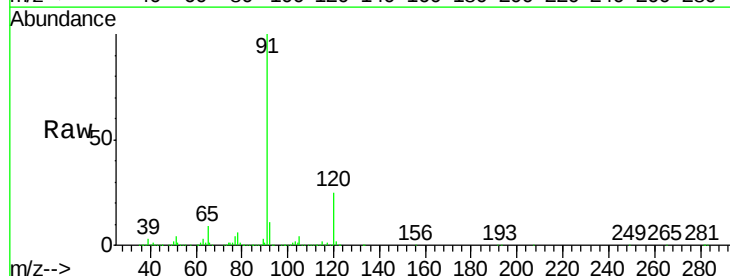
RT: 11.35 min Scan# 1683

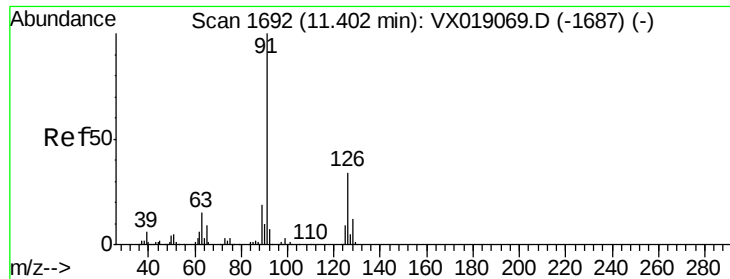
Delta R.T. 0.01 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Tgt Ion:	91	Resp:	1783364
Ion Ratio	Lower	Upper	
91	100		
120	24.4	0.0	46.6





#75

2-Chlorotoluene

Concen: 109.388 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1002203

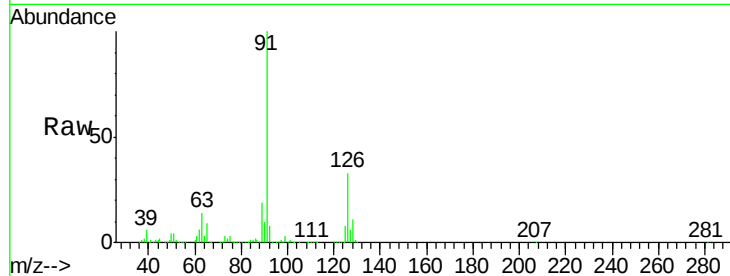
Ion Ratio Lower Upper

91 100

126 35.4 0.0 69.0

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Abundance Ion 91.00 (90.70 to 91.70): VX019069.D (-1687) (-)

Ion 126.00 (125.70 to 126.70): VX019069.D (-1687) (-)

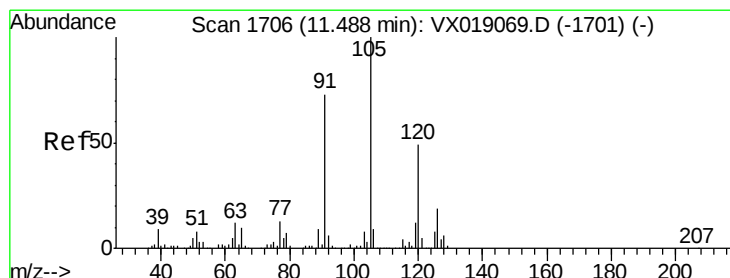
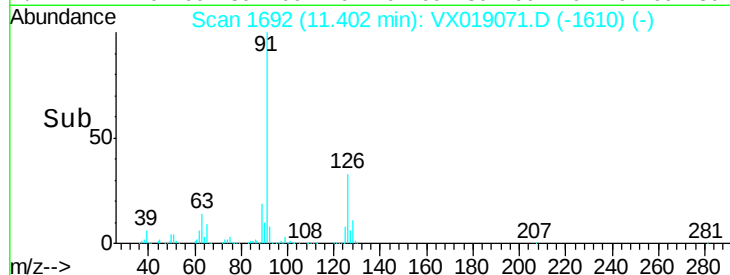
1500000

1000000

500000

0

11.35 11.40 11.45



#76

1,3,5-Trimethylbenzene

Concen: 110.505 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX019071.D

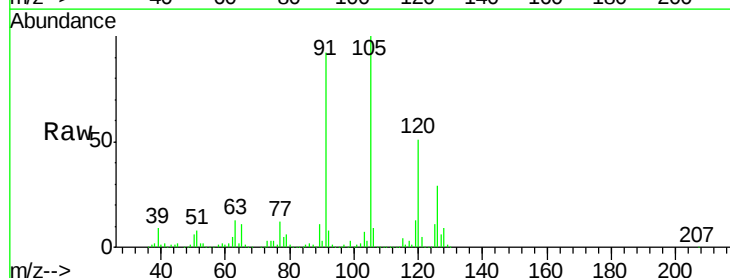
Acq: 23 Oct 2020 11:00

Tgt Ion: 105 Resp: 1285754

Ion Ratio Lower Upper

105 100

120 50.7 0.0 100.2



Abundance Ion 105.00 (104.70 to 105.70): VX019069.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX019069.D (-1701) (-)

1200000

1000000

800000

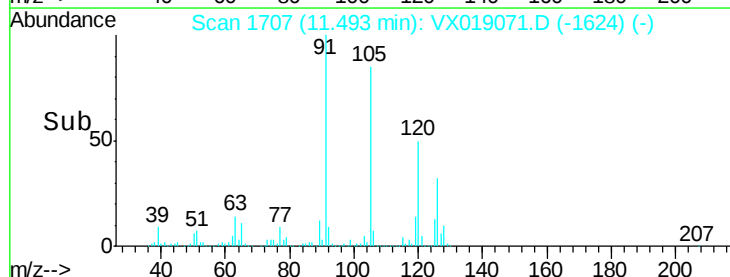
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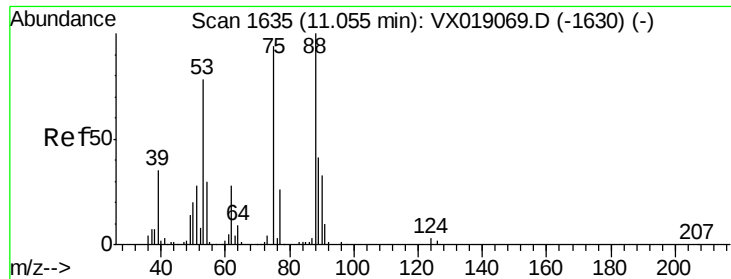
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200000

0

11.45 11.50 11.55





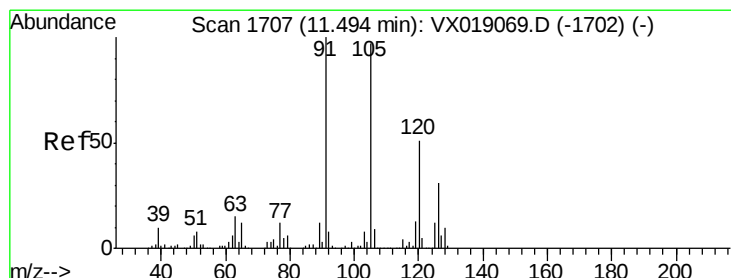
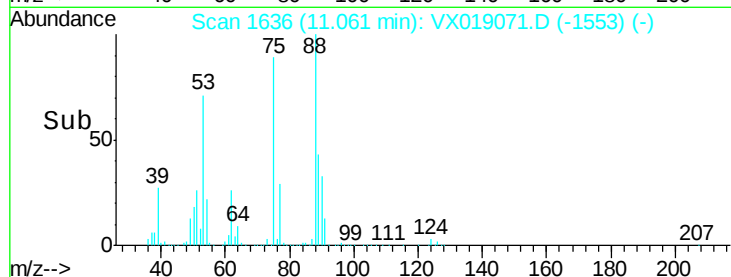
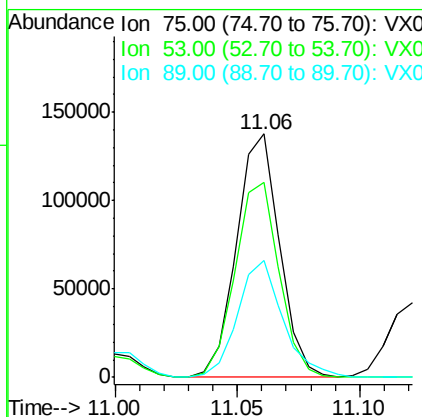
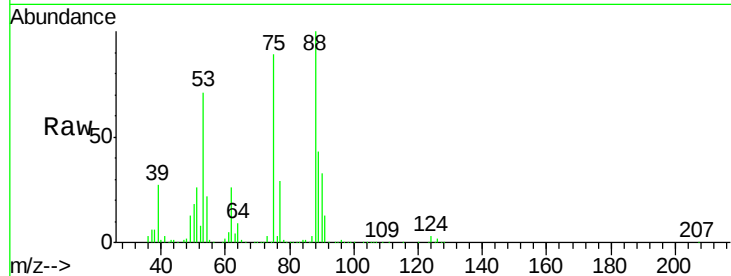
#77
t-1,4-Dichloro-2-butene
Concen: 98.519 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	79.8	41.6	124.8
89	48.2	21.8	65.3

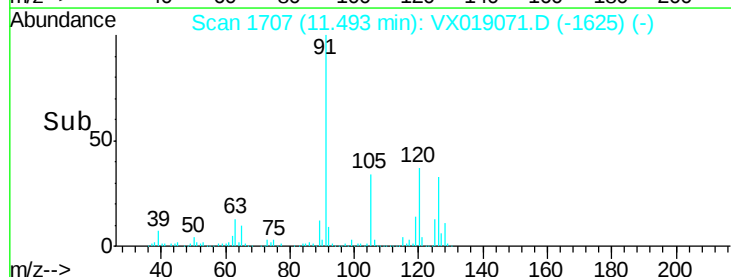
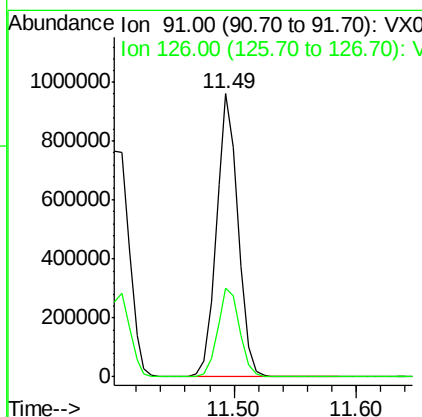
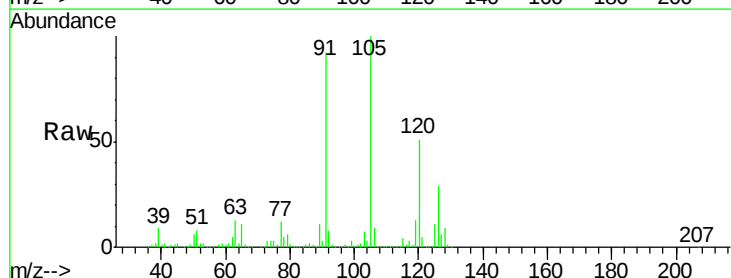
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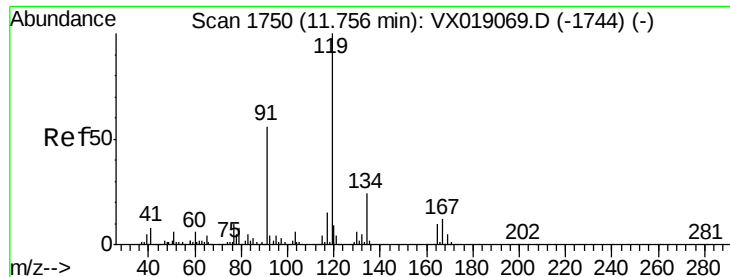
MMDadoda
10/26/2020 11:17:13 AM



#78
4-Chlorotoluene
Concen: 108.815 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	0.0	61.2





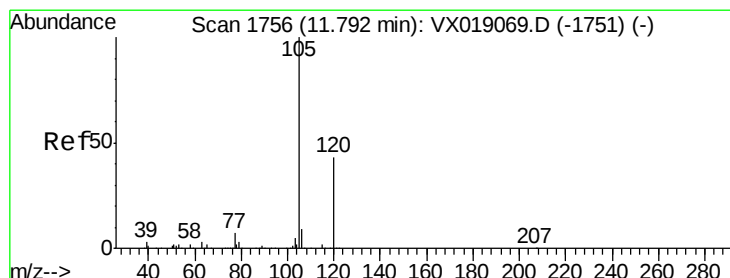
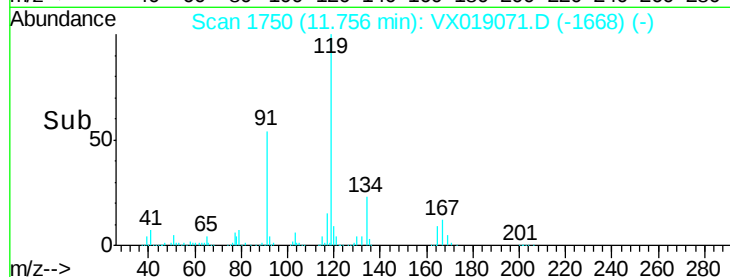
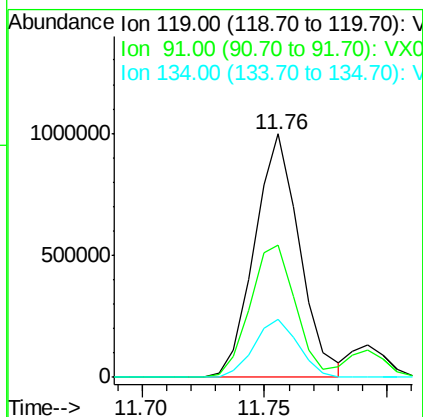
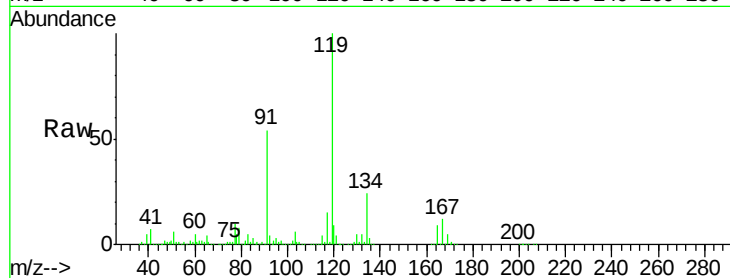
#79
tert-butylbenzene
Concen: 108.506 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.6	0.0	111.4
134	23.6	0.0	47.2

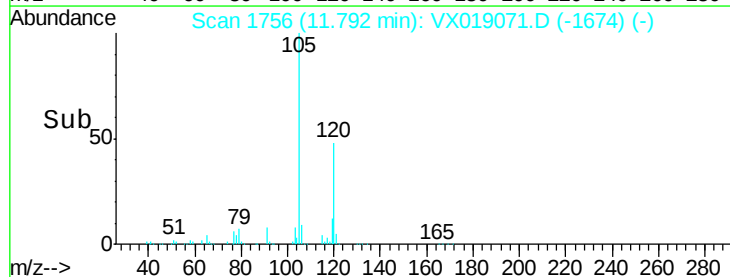
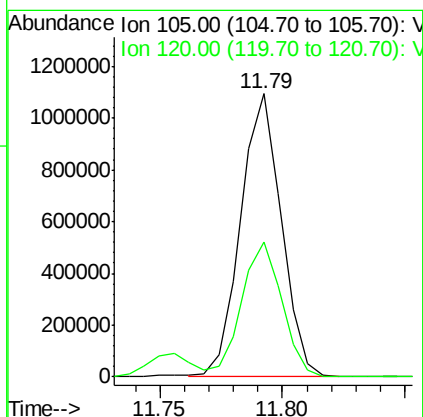
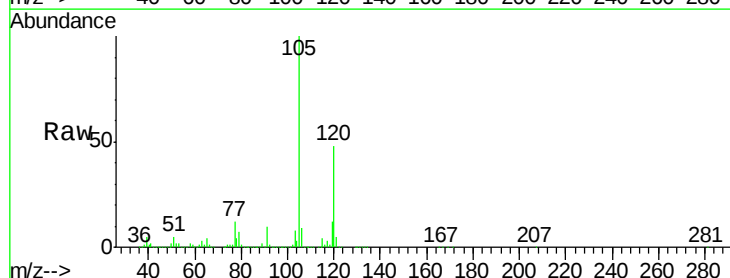
Manual Integrations
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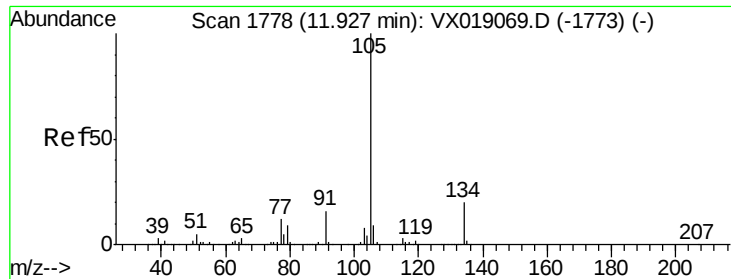
MMDadoda
10/26/2020 11:17:13 AM



#80
1,2,4-Trimethylbenzene
Concen: 108.636 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.3	0.0	92.0





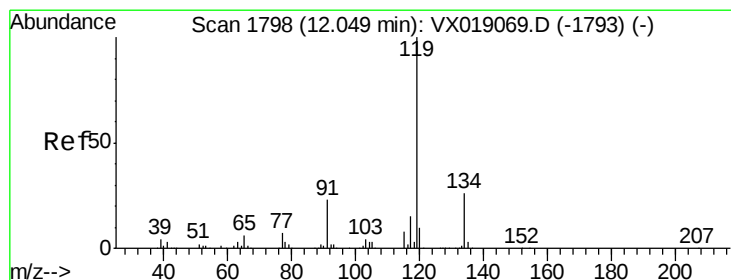
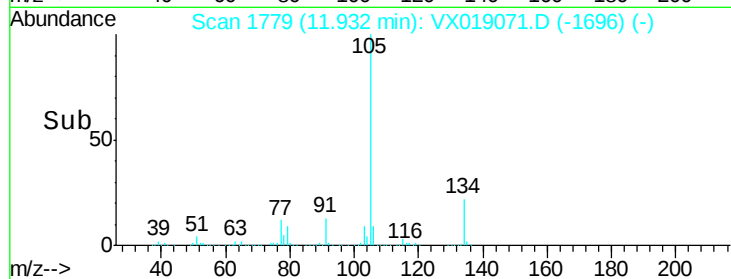
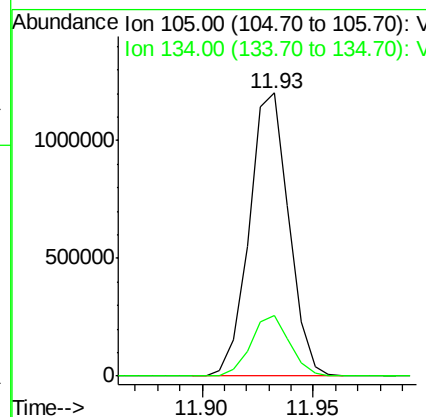
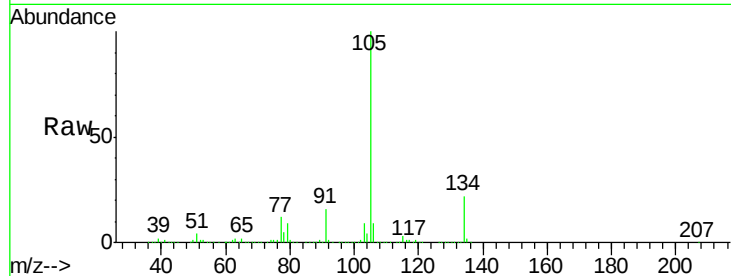
#81
 sec-Butylbenzene
 Concen: 109.999 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:105 Resp: 1491656
 Ion Ratio Lower Upper
 105 100
 134 21.1 0.0 40.8

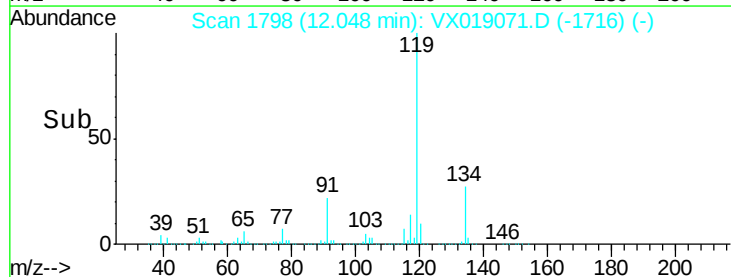
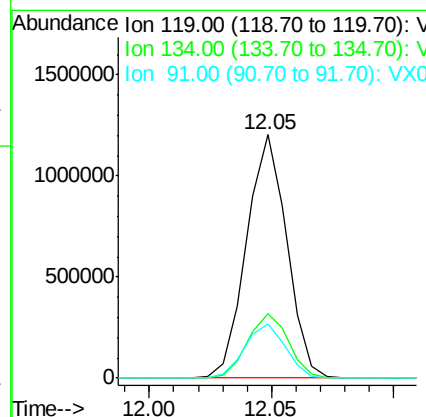
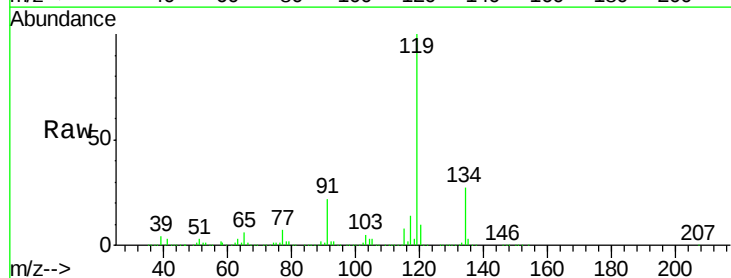
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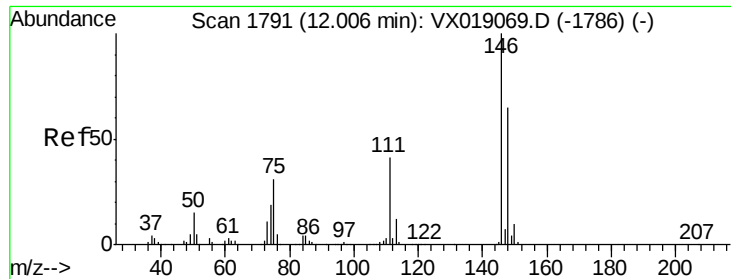
MMDadoda
 10/26/2020 11:17:13 AM



#82
 p-Isopropyltoluene
 Concen: 109.445 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

Tgt Ion:119 Resp: 1377155
 Ion Ratio Lower Upper
 119 100
 134 26.9 0.0 52.0
 91 22.7 0.0 45.6





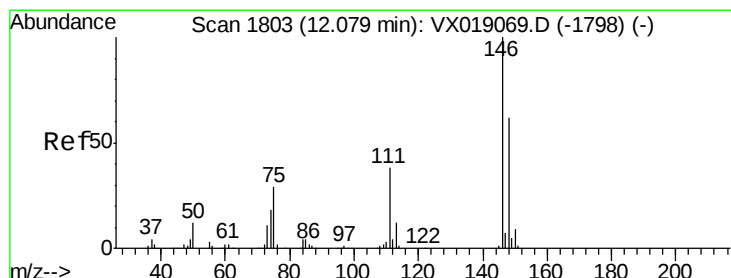
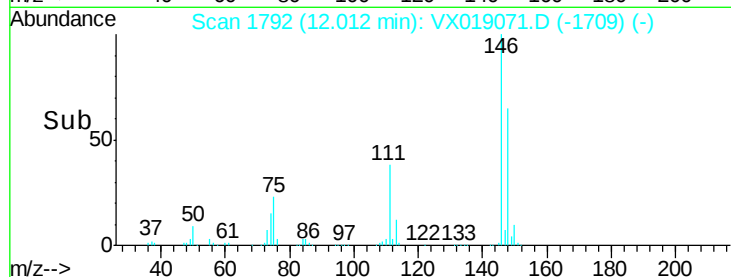
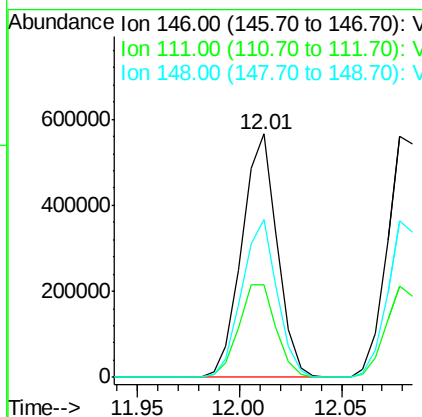
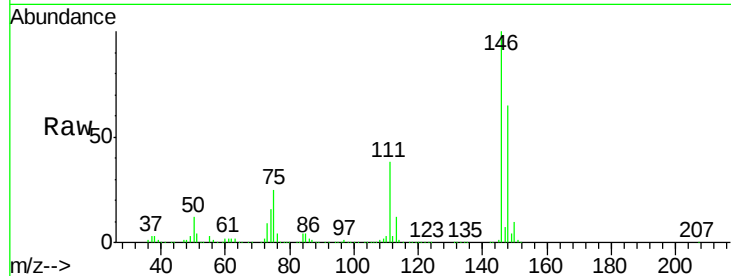
#83
 1,3-Dichlorobenzene
 Concen: 106.710 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	59.9
148	64.4	32.2	96.6

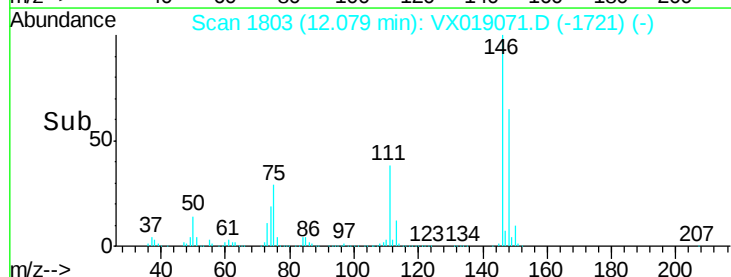
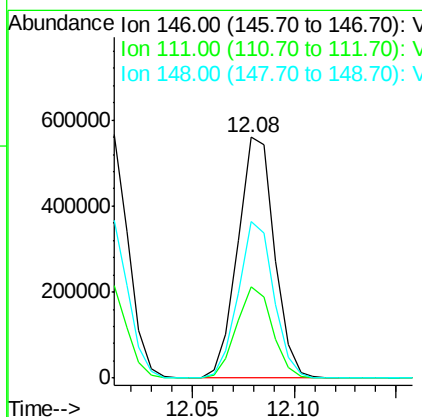
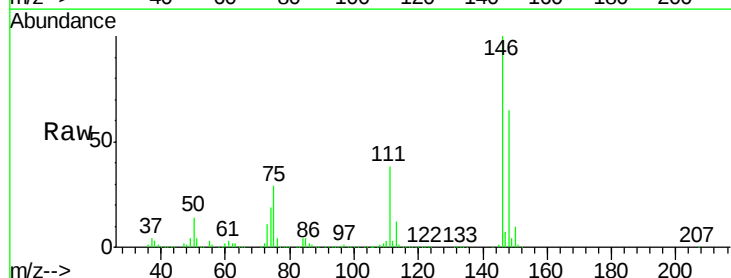
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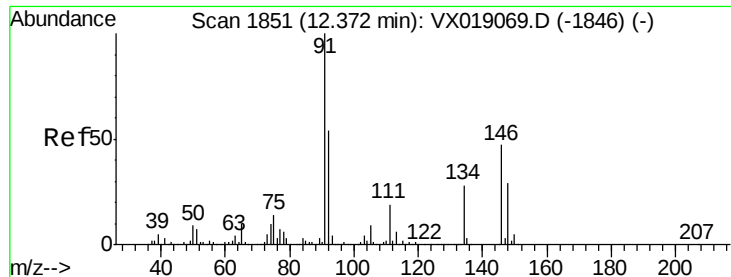
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 10/26/2020 11:17:13 AM



#84
 1,4-Dichlorobenzene
 Concen: 108.156 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.9	56.7
148	63.2	31.6	95.0





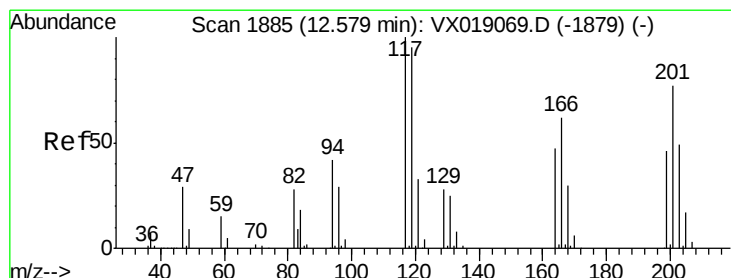
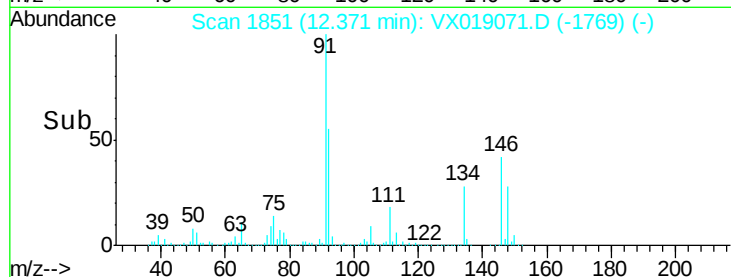
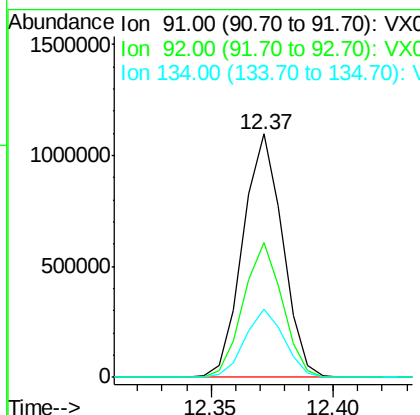
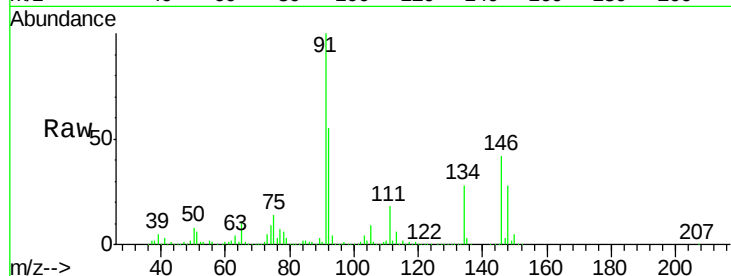
#85
n-Butylbenzene
Concen: 109.786 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	0.0	107.4
134	27.7	0.0	54.6

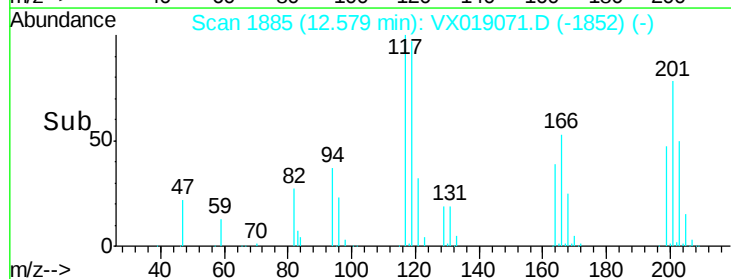
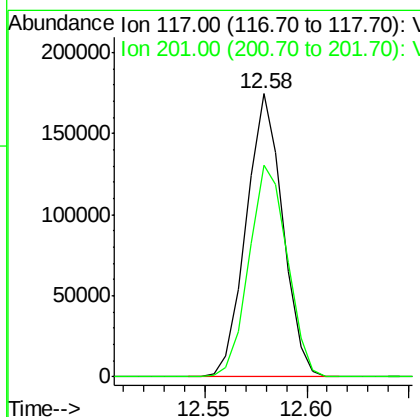
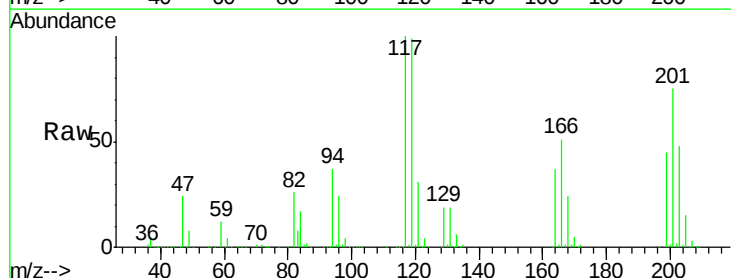
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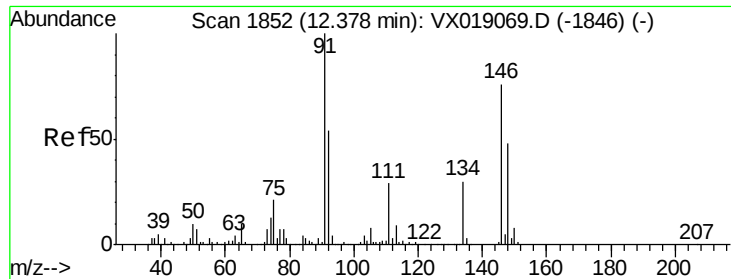
MMDadoda
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#86
Hexachloroethane
Concen: 104.170 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.1	38.4	115.1





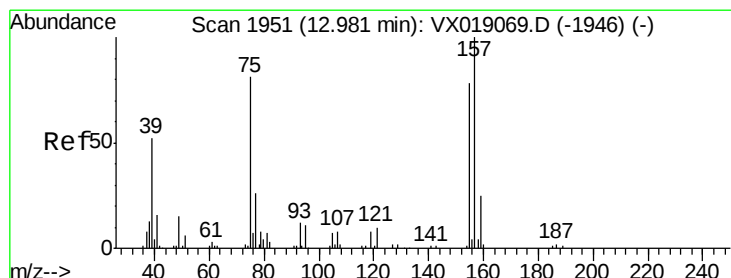
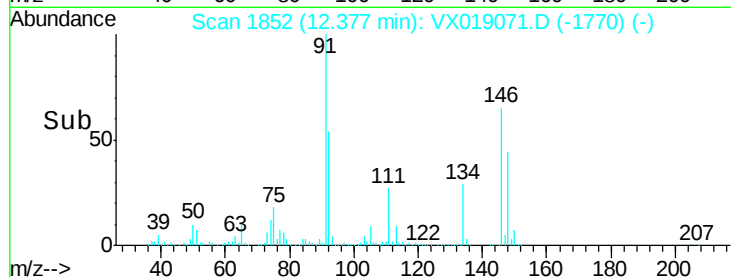
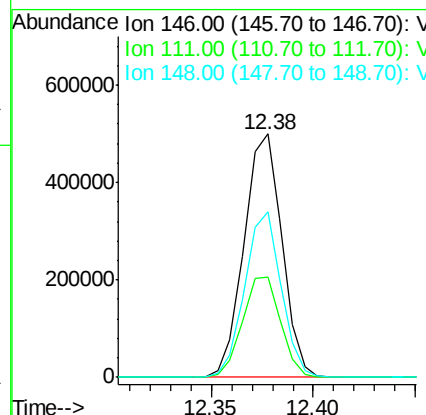
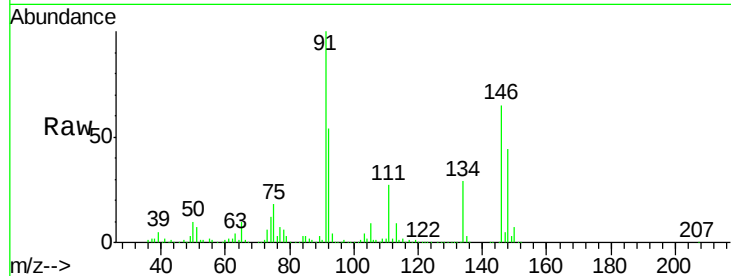
#87
 1,2-Dichlorobenzene
 Concen: 104.730 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.3	61.0
148	65.3	32.1	96.5

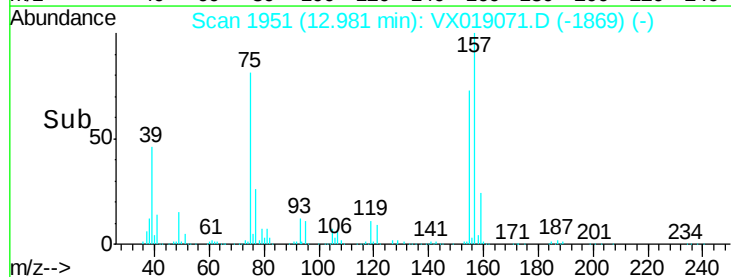
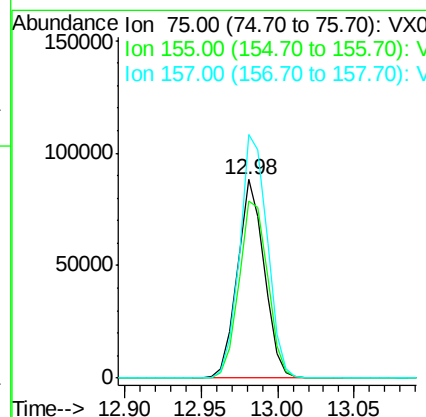
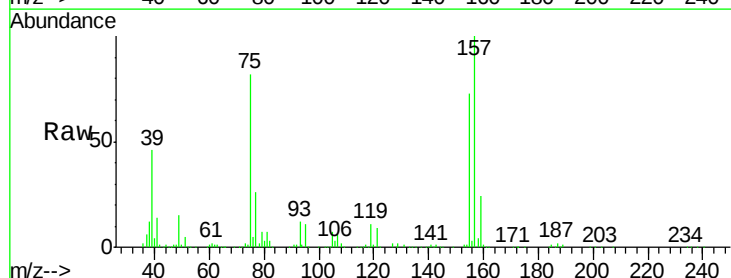
Manual Integrations
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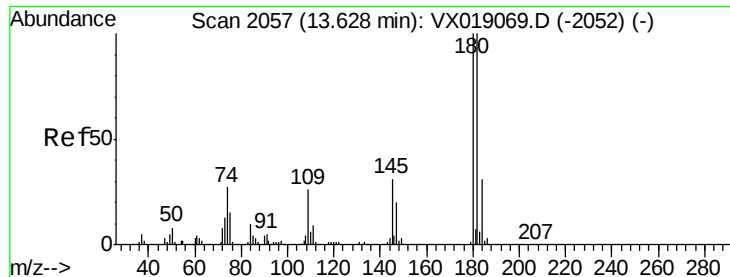
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 10/26/2020 11:17:13 AM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 102.980 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.2	73.7	110.5
157	126.4	96.5	144.7





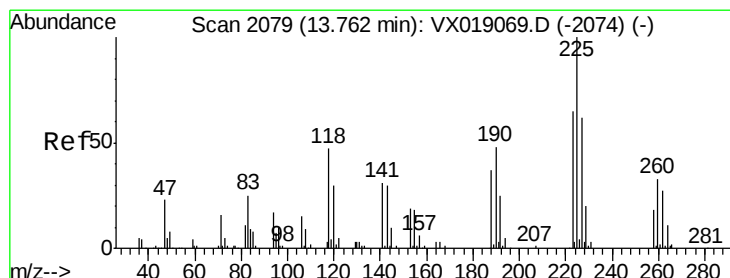
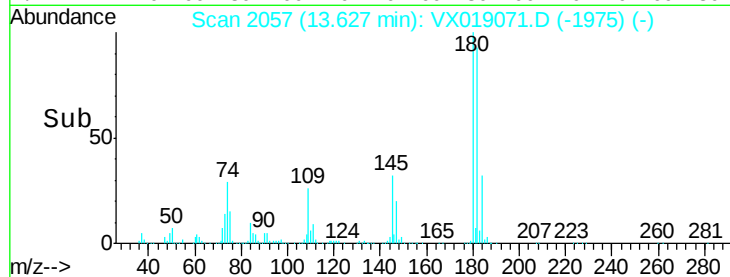
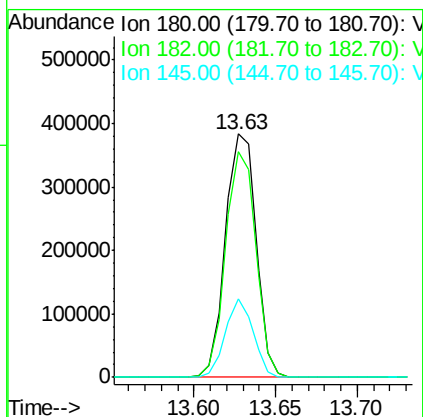
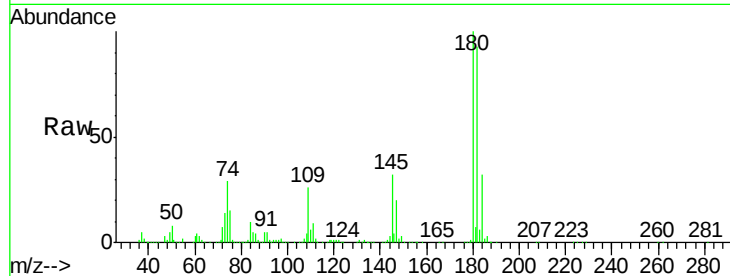
#89
 1,2,4-Trichlorobenzene
 Concen: 111.367 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	502265		
182	91.4	76.5	114.7	
145	29.4	24.2	36.4	

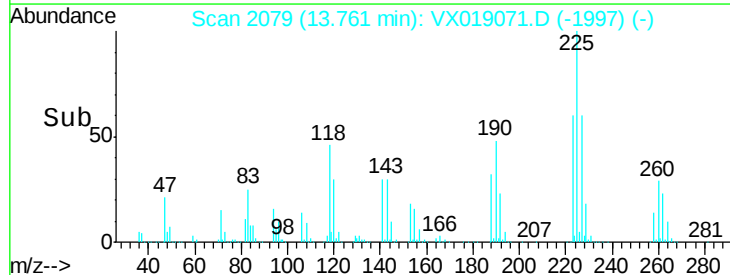
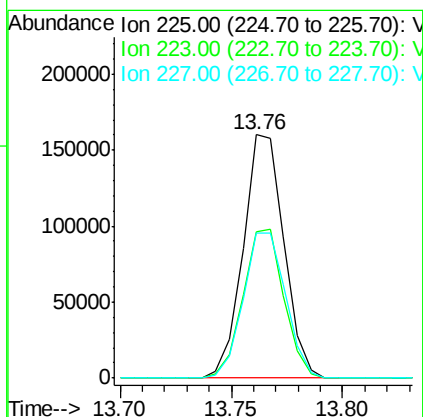
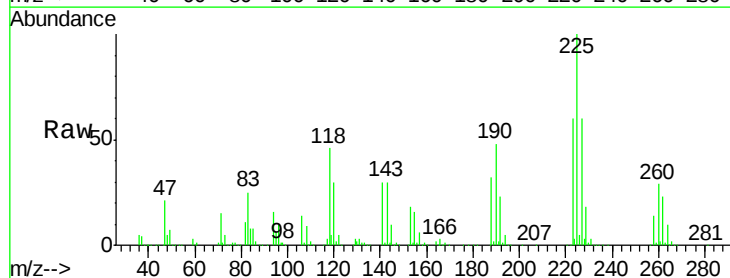
Manual Integrations
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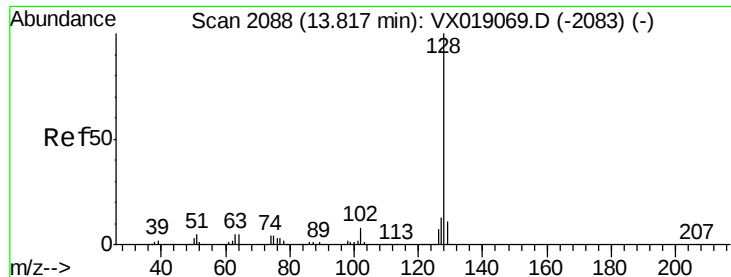
MMDadoda
 10/26/2020 11:17:13 AM



#90
 Hexachlorobutadiene
 Concen: 108.858 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	204879		
223	61.4	0.0	130.0	
227	62.2	0.0	128.6	





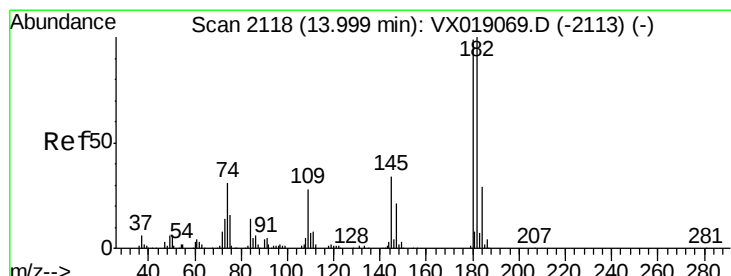
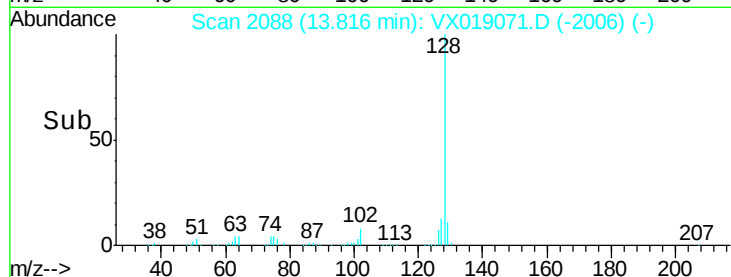
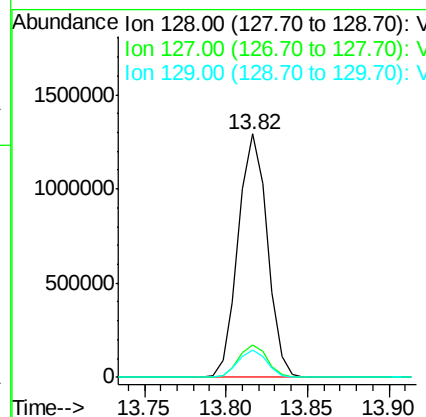
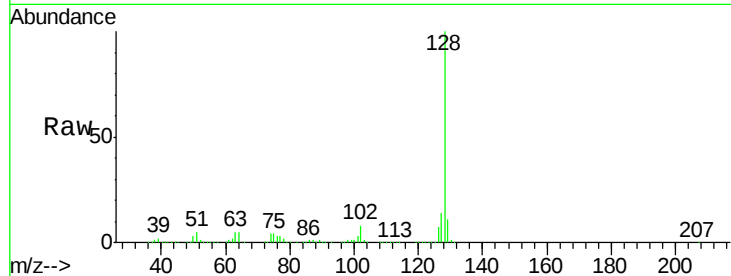
#91
Naphthalene
Concen: 109.793 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	11.0	8.9	13.3

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 107.057 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	0.0	192.4
145	32.5	0.0	64.6

