

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019514.D
 Acq On : 21 Nov 2020 00:03
 Operator : JC/MD
 Sample : VX1121WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD02

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 3:51:21 PM

Quant Time: Nov 21 05:08:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	254970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	427894	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	394125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	183513	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	165957	50.20	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.40%
35) Dibromofluoromethane	5.46	113	133147	49.57	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.14%
50) Toluene-d8	8.70	98	516160	49.45	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.90%
62) 4-Bromofluorobenzene	11.12	95	184226	49.06	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.12%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	46246	18.652	ug/l	99
3) Chloromethane	1.31	50	53450	18.786	ug/l	98
4) Vinyl Chloride	1.39	62	58953	19.248	ug/l	100
5) Bromomethane	1.62	94	20278	17.479	ug/l	97
6) Chloroethane	1.68	64	15517	18.095	ug/l	99
7) Trichlorofluoromethane	1.90	101	81064	18.338	ug/l	97
8) Diethyl Ether	2.17	74	35001	19.770	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	44700	18.125	ug/l	99
10) Methyl Iodide	2.48	142	55798	17.222	ug/l	99
11) Tert butyl alcohol	3.04	59	77682m	124.163	ug/l	
12) 1,1-Dichloroethene	2.34	96	46711	18.453	ug/l	98
13) Acrolein	2.28	56	36386	86.519	ug/l	99
14) Allyl chloride	2.70	41	70620	17.809	ug/l	99
15) Acrylonitrile	3.12	53	150437	101.958	ug/l	100
16) Acetone	2.43	43	122056	95.472	ug/l	98
17) Carbon Disulfide	2.54	76	117656	17.301	ug/l	98
18) Methyl Acetate	2.75	43	63019	20.484	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	171168	19.590	ug/l	99
20) Methylene Chloride	2.83	84	58072	18.174	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	52892	18.442	ug/l	94
22) Diisopropyl ether	3.82	45	160134	19.520	ug/l	97
23) Vinyl Acetate	3.78	43	673452	97.872	ug/l	99
24) 1,1-Dichloroethane	3.67	63	94062	18.746	ug/l	99
25) 2-Butanone	4.64	43	192845	100.415	ug/l	100
26) 2,2-Dichloropropane	4.55	77	67090	15.318	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	62116	18.855	ug/l	98
28) Bromochloromethane	4.98	49	44996	18.757	ug/l	99
29) Tetrahydrofuran	5.09	42	122805	100.220	ug/l	99
30) Chloroform	5.17	83	100944	19.240	ug/l	98
31) Cyclohexane	5.54	56	78287	18.207	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	85849	19.048	ug/l	100
36) 1,1-Dichloropropene	5.76	75	71927	17.930	ug/l	99
37) Ethyl Acetate	4.80	43	75385	20.017	ug/l	99
38) Carbon Tetrachloride	5.75	117	70291	18.103	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	81193	17.383	ug/l	99
40) Benzene	6.11	78	226981	18.416	ug/l	99
41) Methacrylonitrile	5.01	41	40184	19.350	ug/l	98
42) 1,2-Dichloroethane	6.16	62	79556	18.832	ug/l	99
43) Isopropyl Acetate	6.42	43	120949	19.105	ug/l	100
44) Trichloroethene	7.18	130	58714	18.186	ug/l	95
45) 1,2-Dichloropropane	7.49	63	57202	18.852	ug/l	98
46) Dibromomethane	7.63	93	39911	19.218	ug/l	96
47) Bromodichloromethane	7.87	83	75782	18.805	ug/l	99
48) Methyl methacrylate	7.74	41	58160	19.617	ug/l	100
49) 1,4-Dioxane	7.72	88	28845	428.497	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	375627	101.752	ug/l	100
52) Toluene	8.76	92	143576	19.042	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	78409	18.016	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	86717	17.954	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	58967	19.203	ug/l	99
56) Ethyl methacrylate	9.16	69	84379	19.419	ug/l	99
57) 1,3-Dichloropropane	9.35	76	99679	19.388	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	236449	92.868	ug/l	99
59) 2-Hexanone	9.48	43	282427	100.875	ug/l	100
60) Dibromochloromethane	9.57	129	55805	18.553	ug/l	99
61) 1,2-Dibromoethane	9.65	107	60427	19.090	ug/l	98
64) Tetrachloroethene	9.32	164	53687	17.329	ug/l	98
65) Chlorobenzene	10.12	112	150039	18.516	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	54189	18.385	ug/l	99
67) Ethyl Benzene	10.23	91	265313	18.690	ug/l	99
68) m/p-Xylenes	10.34	106	198460	37.525	ug/l	100
69) o-Xylene	10.68	106	95310	18.852	ug/l	99
70) Styrene	10.70	104	158153	17.989	ug/l	99
71) Bromoform	10.84	173	38385	17.868	ug/l #	100
73) Isopropylbenzene	11.00	105	254603	20.055	ug/l	99
74) N-amyl acetate	10.88	43	97782	20.555	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	91565	20.169	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	81160m	20.265	ug/l	
77) Bromobenzene	11.24	156	63264	19.521	ug/l	99
78) n-propylbenzene	11.34	91	285696	19.617	ug/l	99
79) 2-Chlorotoluene	11.40	91	177277	20.071	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	213796	20.076	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	23963	19.026	ug/l	94
82) 4-Chlorotoluene	11.49	91	204957	19.712	ug/l	100
83) tert-Butylbenzene	11.76	119	206100	20.004	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	215723	20.020	ug/l	100
85) sec-Butylbenzene	11.93	105	241210	19.679	ug/l	99
86) p-Isopropyltoluene	12.05	119	216536	19.458	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	113276	19.032	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	114757	18.718	ug/l	98
89) n-Butylbenzene	12.37	91	186508	18.538	ug/l	99
90) Hexachloroethane	12.58	117	35404	19.012	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	113135	18.926	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18678	20.167	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	71348	18.591	ug/l	99
94) Hexachlorobutadiene	13.76	225	32053	18.334	ug/l	96
95) Naphthalene	13.82	128	240926	19.202	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	73559	19.162	ug/l	99

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

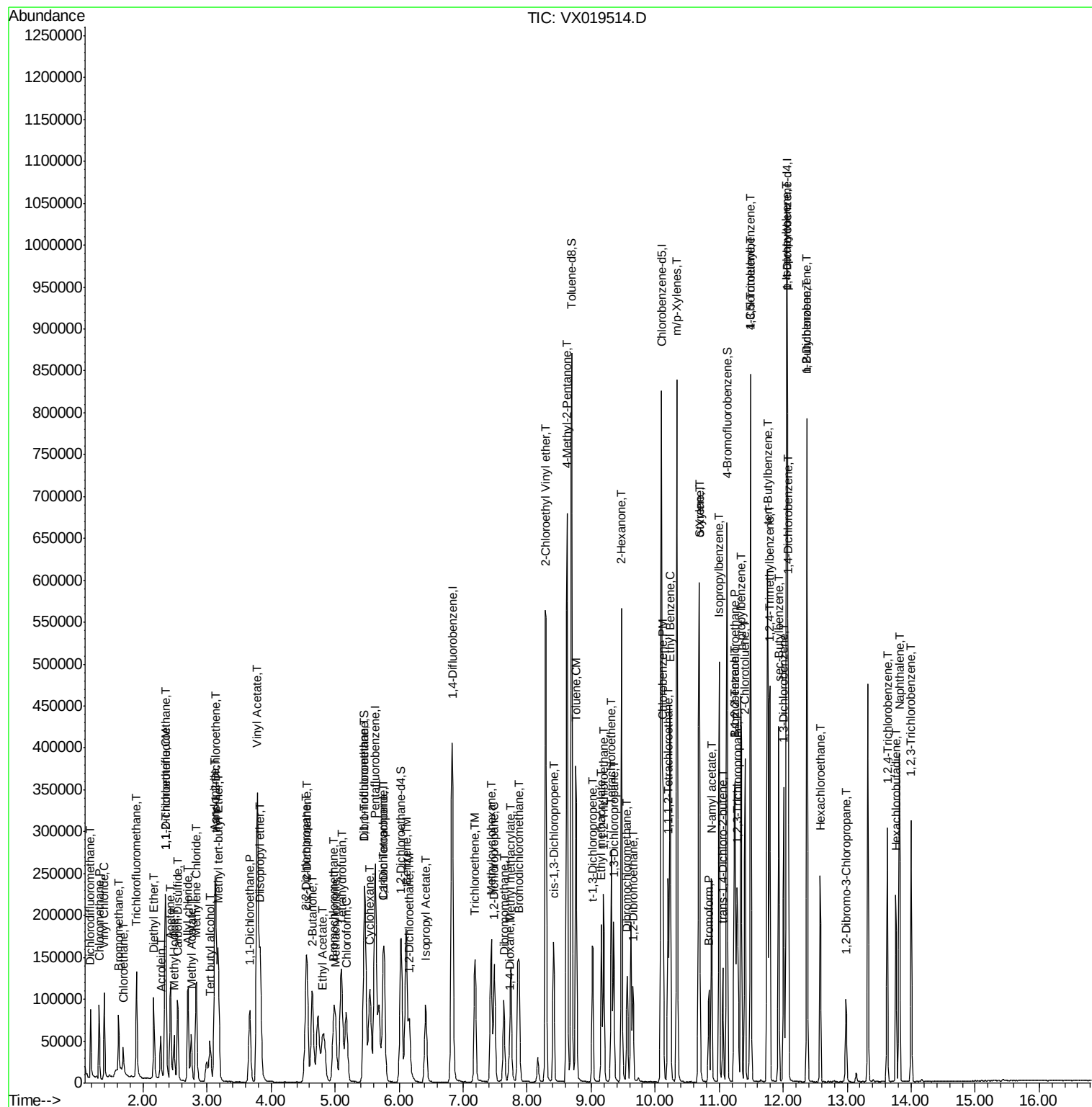
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Data File : VX019514.D
Acq On : 21 Nov 2020 00:03
Operator : JC/MD
Sample : VX1121WBSD02
Misc : 5.0mL/MSVOA X/WATER
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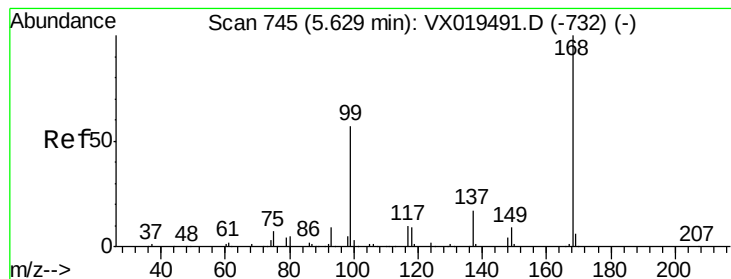
Instrument :
MSVOA_X
Client Sample ID :
VX1121WBSD02

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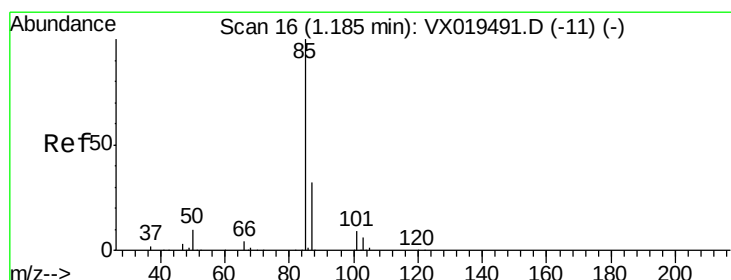
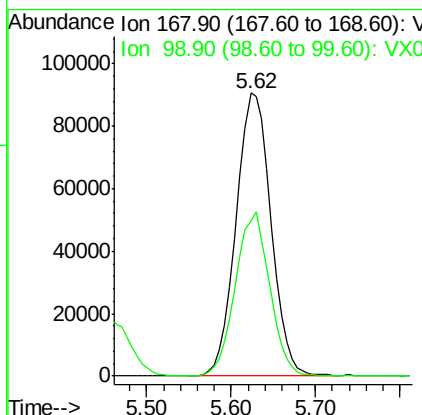
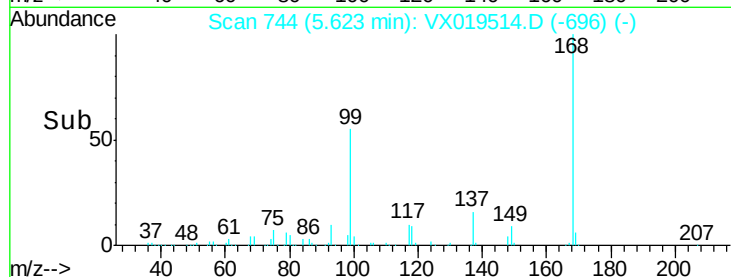
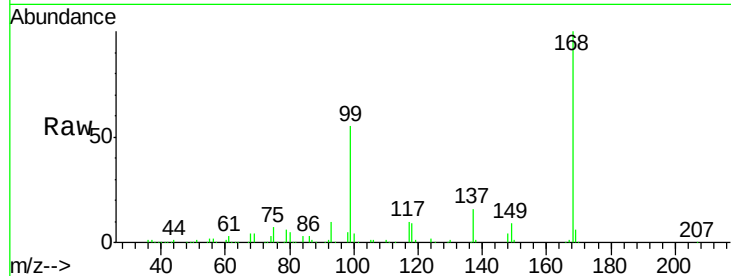
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.01 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Instrument :
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ClientSampleId :
VX1121WBSD02

Tot Ion:168 Resp: 254970
Ion Ratio Lower Upper
168 100
99 54.9 45.8 68.6

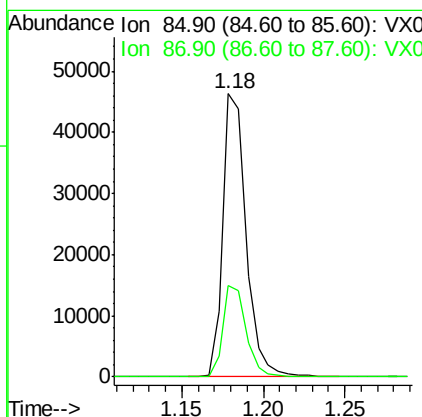
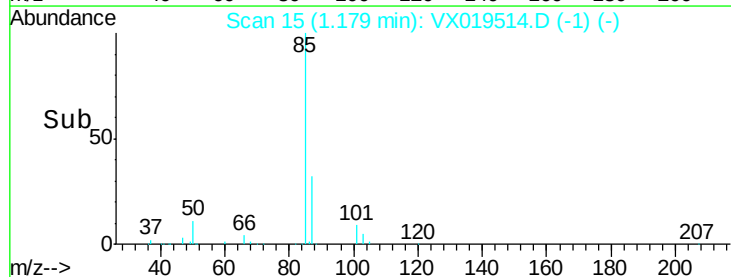
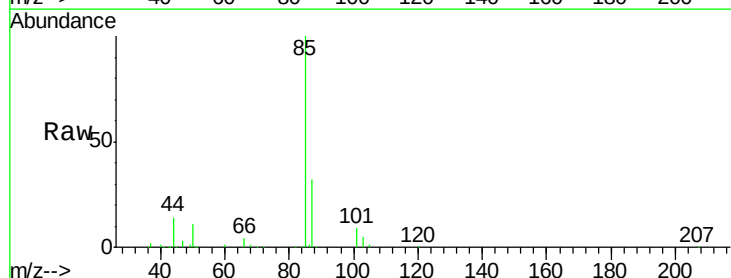
Manual Integrations
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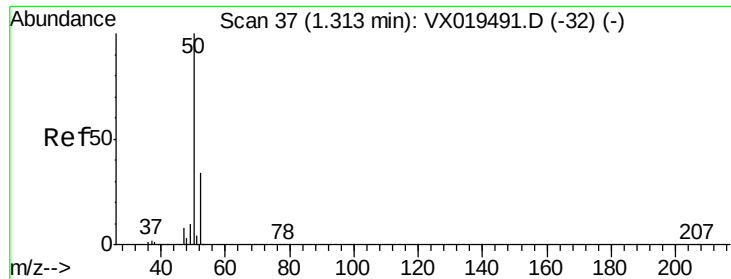
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#2
Dichlorodifluoromethane
Concen: 18.652 ug/l
RT: 1.18 min Scan# 15
Delta R.T. -0.01 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Tgt Ion: 85 Resp: 46246
Ion Ratio Lower Upper
85 100
87 32.3 16.0 47.9





#3

Chloromethane

Concen: 18.786 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD02

Tot Ion: 50 Resp: 53450

Ion Ratio Lower Upper

50 100

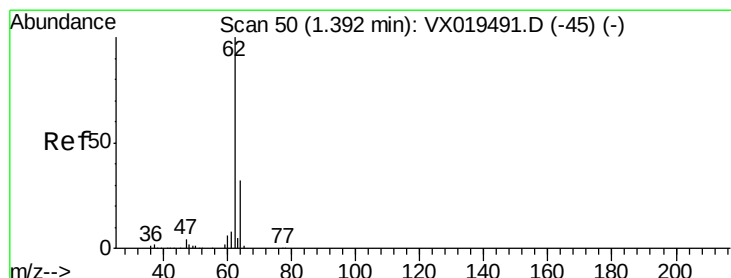
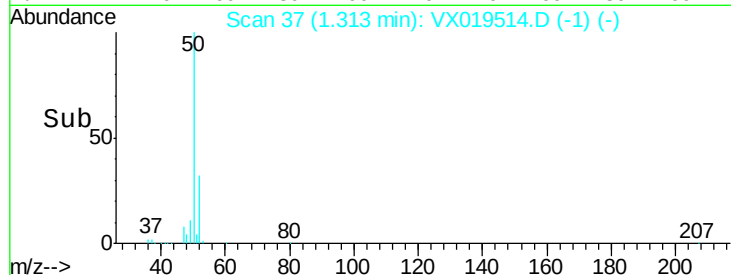
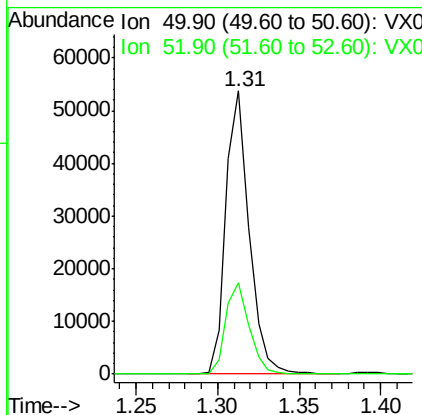
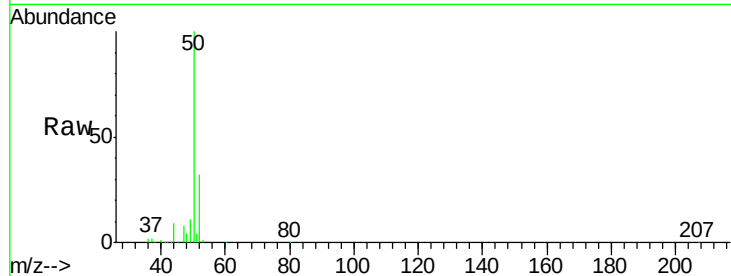
52 32.4 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.248 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019514.D

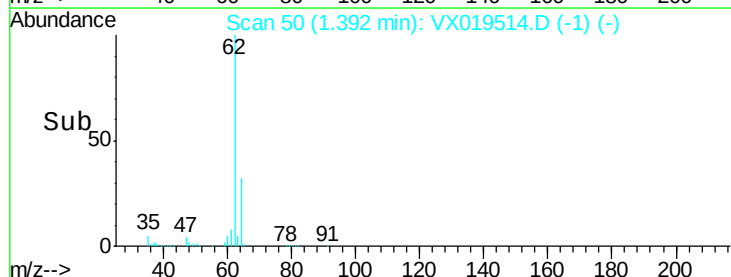
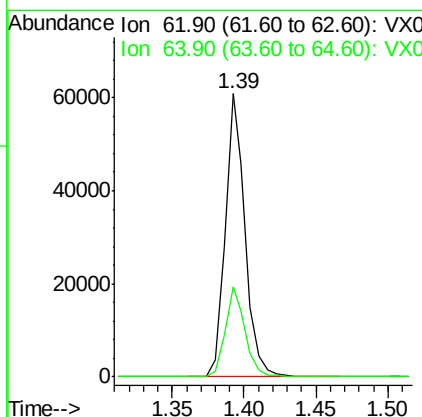
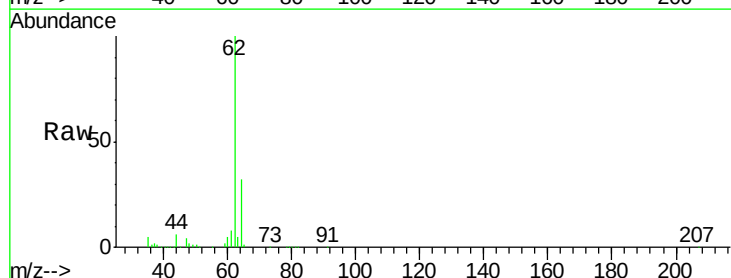
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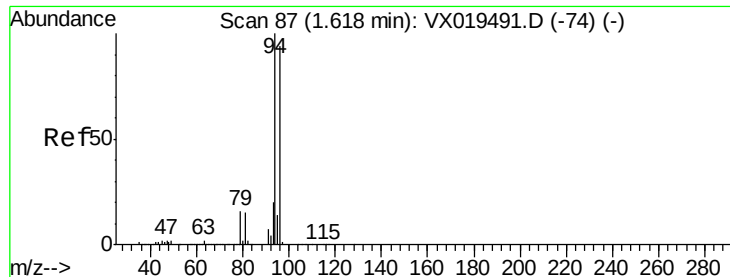
Tgt Ion: 62 Resp: 58953

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.2





#5

Bromomethane

Concen: 17.479 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD02

Tot Ion: 94 Resp: 20278

Ion Ratio Lower Upper

94 100

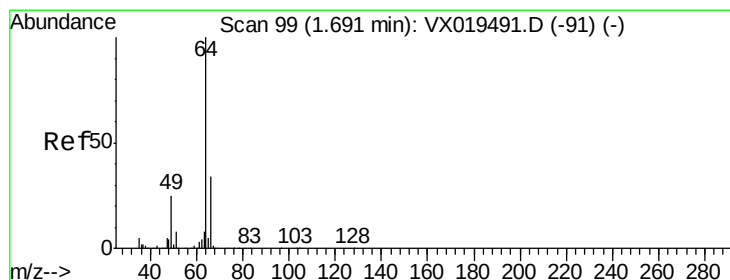
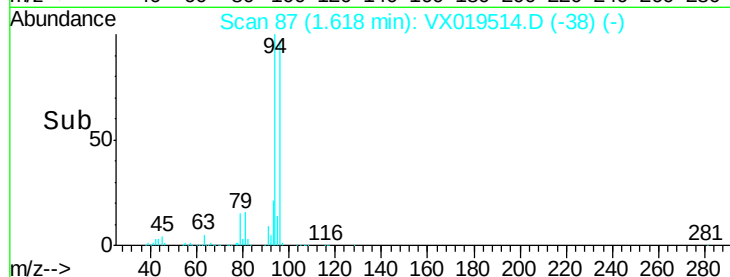
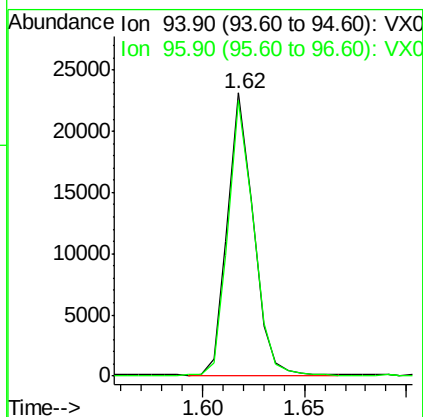
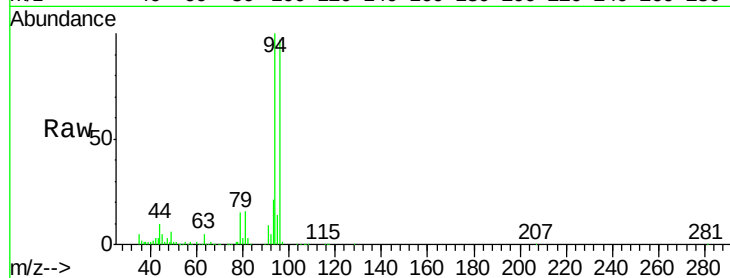
96 97.4 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 18.095 ug/l

RT: 1.68 min Scan# 98

Delta R.T. -0.01 min

Lab File: VX019514.D

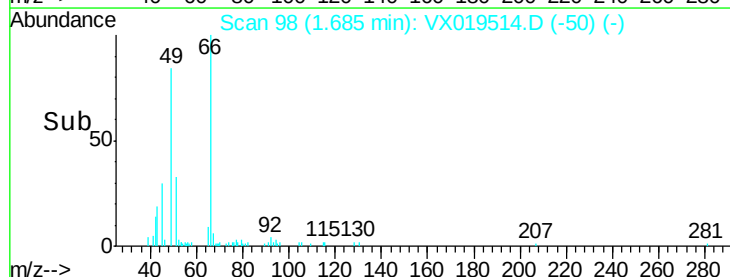
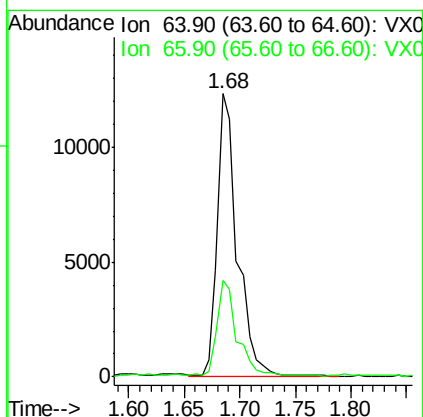
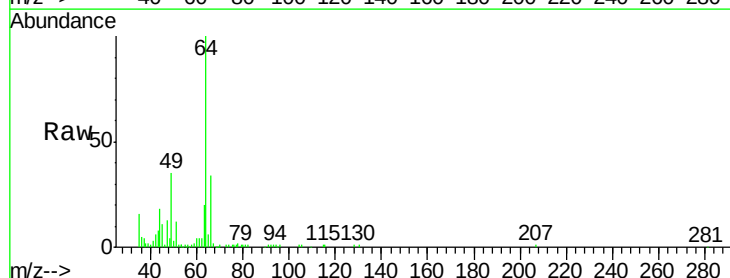
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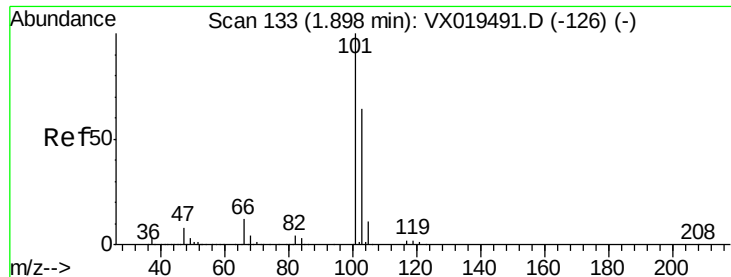
Tgt Ion: 64 Resp: 15517

Ion Ratio Lower Upper

64 100

66 33.3 27.1 40.7





#7

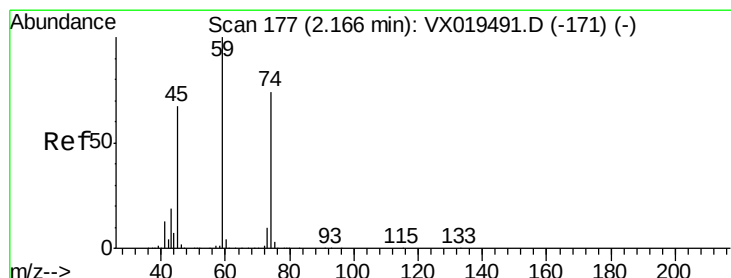
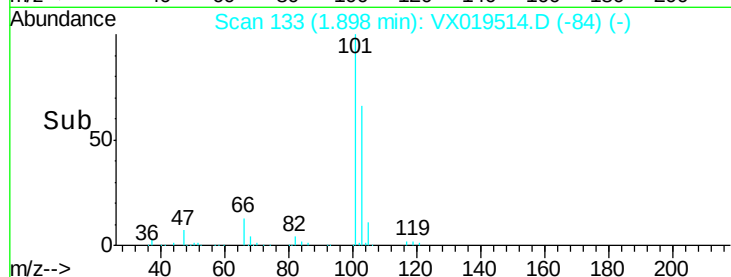
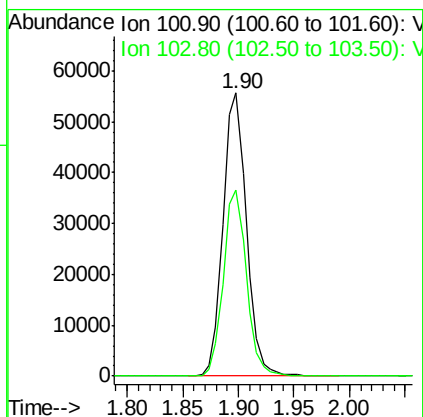
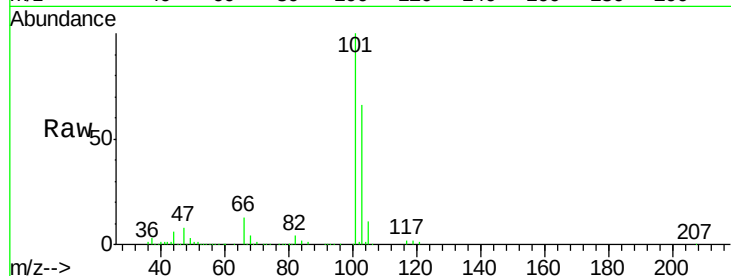
Trichlorofluoromethane
Concen: 18.338 ug/l
RT: 1.90 min Scan# 133
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	50.9	76.3

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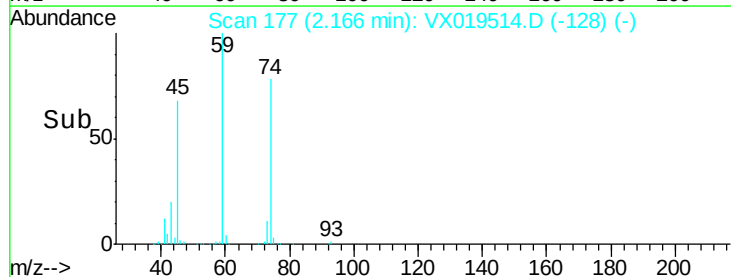
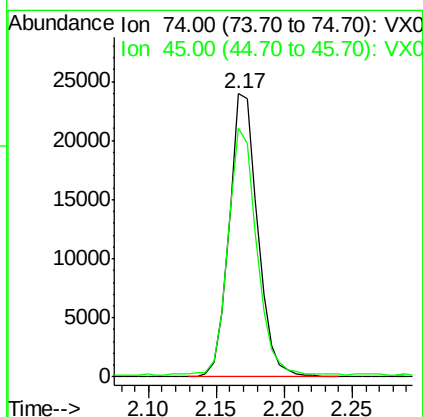
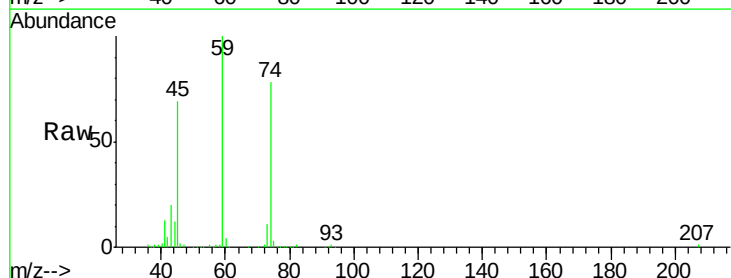
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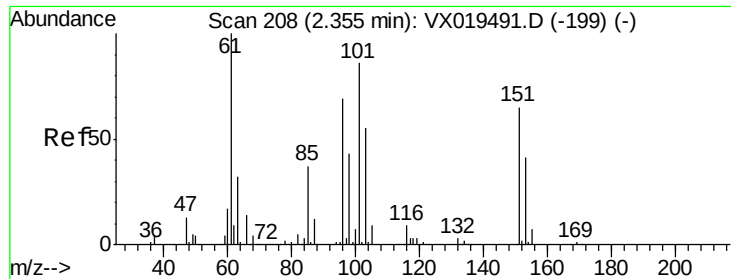


#8

Diethyl Ether
Concen: 19.770 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.7	44.4	133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.125 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019514.D

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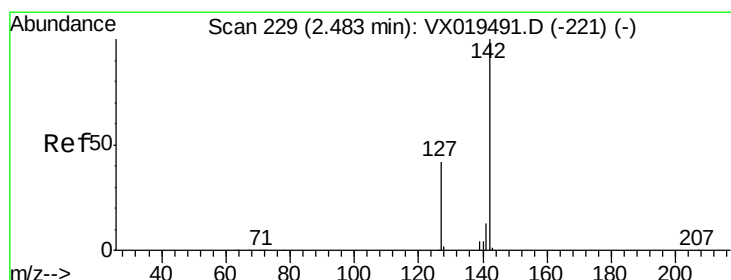
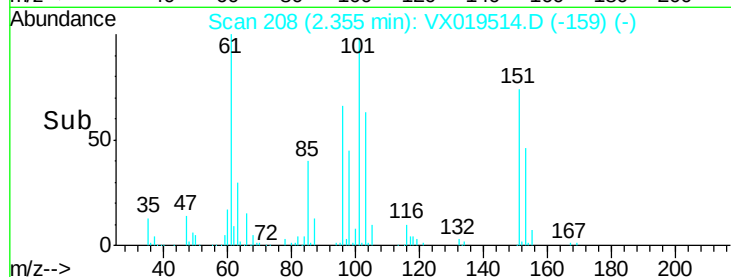
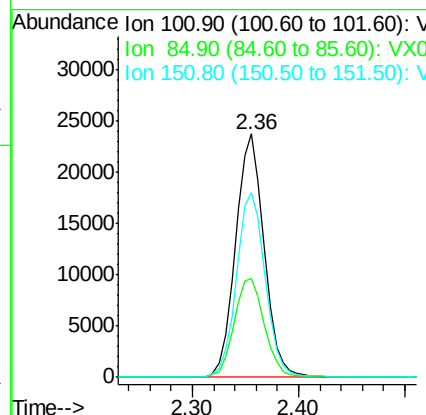
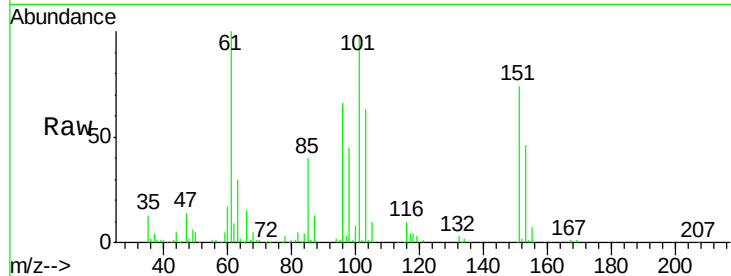
ClientSampleId :

VX1121WBSD02

Tot Ion:	101	Resp:	44700
Ion Ratio	Lower	Upper	
101	100		
85	43.0	33.9	50.9
151	76.9	60.9	91.3

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#10

Methyl Iodide

Concen: 17.222 ug/l

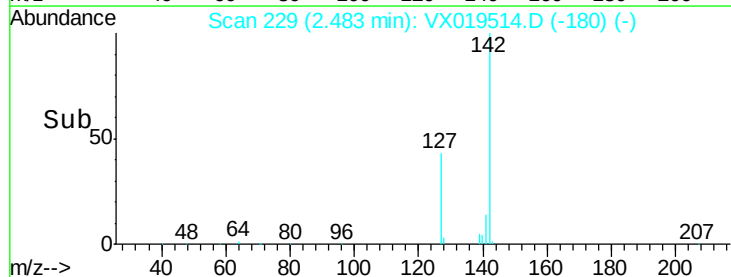
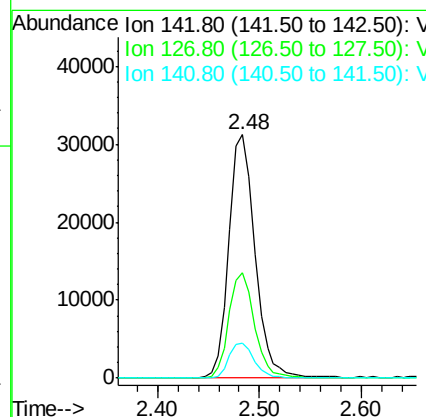
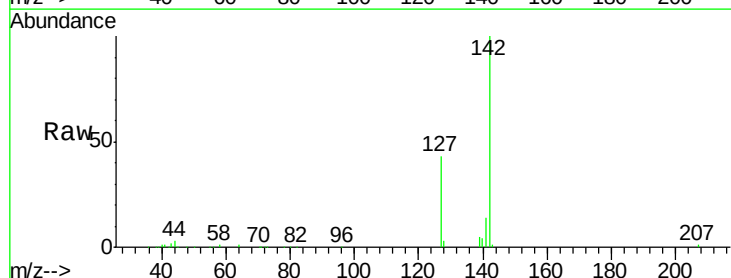
RT: 2.48 min Scan# 229

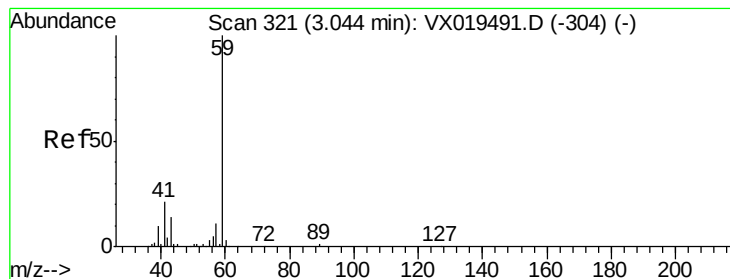
Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Tgt Ion:	142	Resp:	55798
Ion Ratio	Lower	Upper	
142	100		
127	42.6	33.8	50.6
141	14.0	11.0	16.6





#11

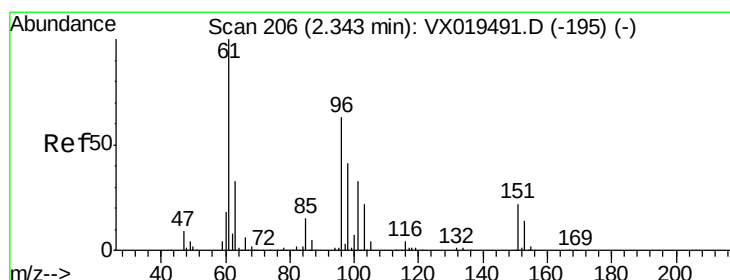
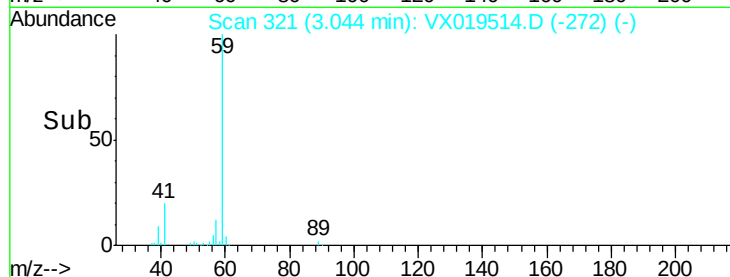
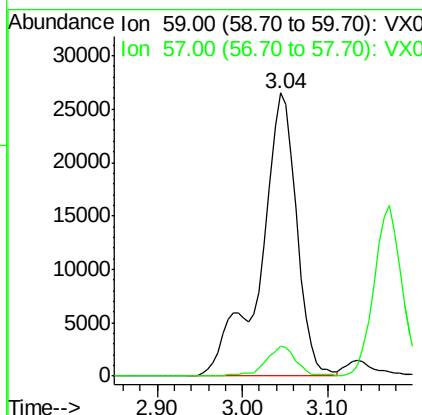
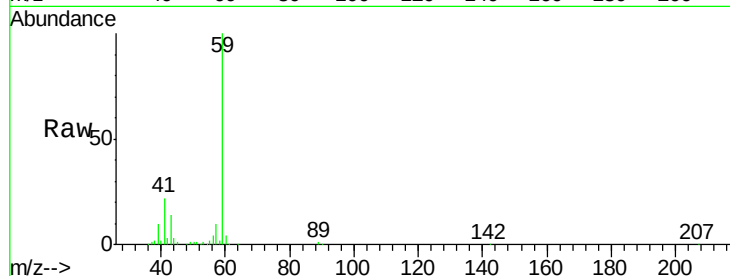
Tert butyl alcohol
Concen: 124.163 ug/l m
RT: 3.04 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD02

Tot Ion	59	Resp	77682
Ion Ratio	100	Lower	Upper
57	8.9	7.9	11.9

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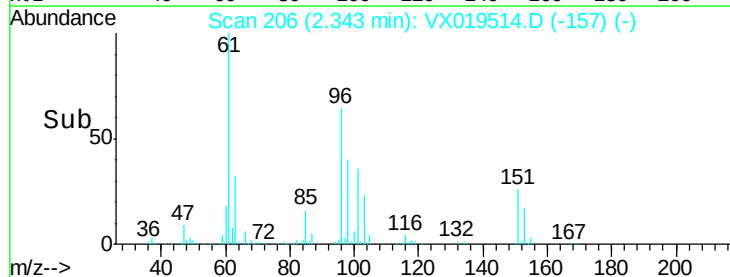
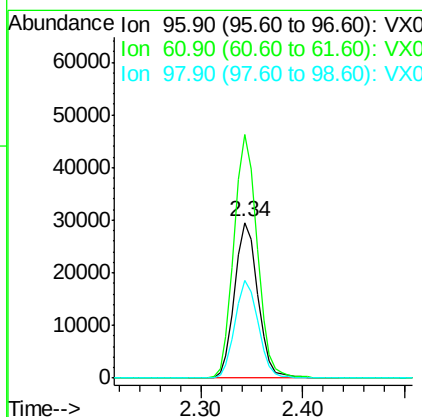
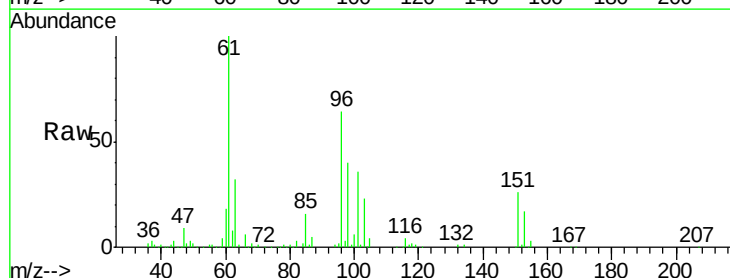
MMDadoda
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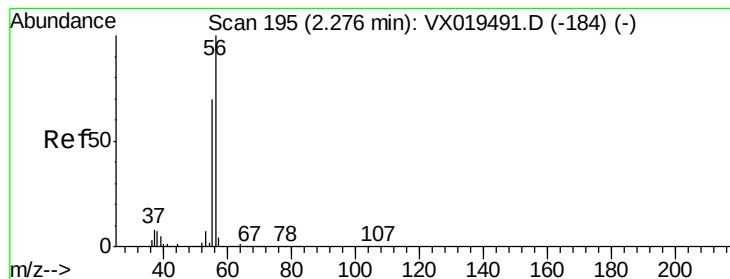


#12

1,1-Dichloroethene
Concen: 18.453 ug/l
RT: 2.34 min Scan# 206
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Tgt Ion	96	Resp	46711
Ion Ratio	100	Lower	Upper
61	156.1	126.0	189.0
98	62.4	52.0	78.0





#13

Acrolein

Concen: 86.519 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD02

Tot Ion: 56 Resp: 36386

Ion Ratio Lower Upper

56 100

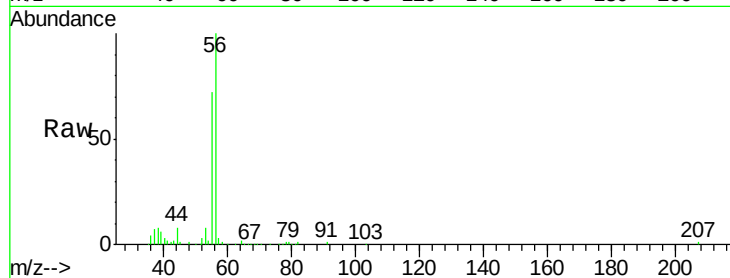
55 70.4 55.5 83.3

Manual Integrations

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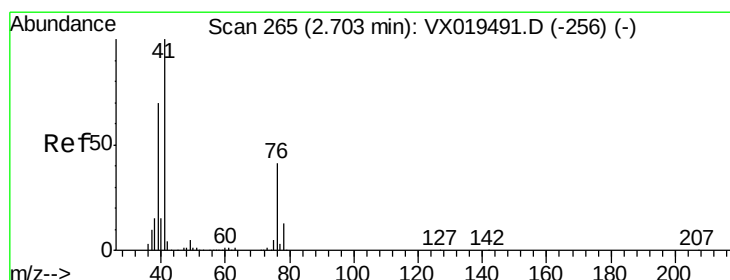
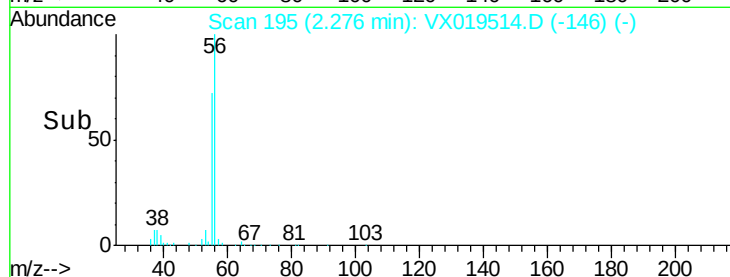
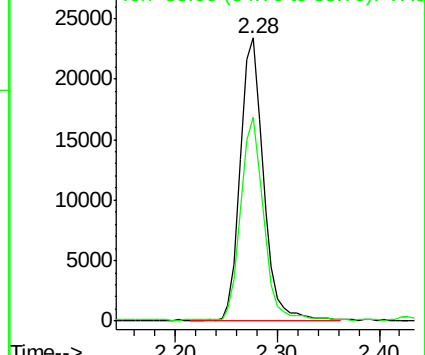
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 17.809 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

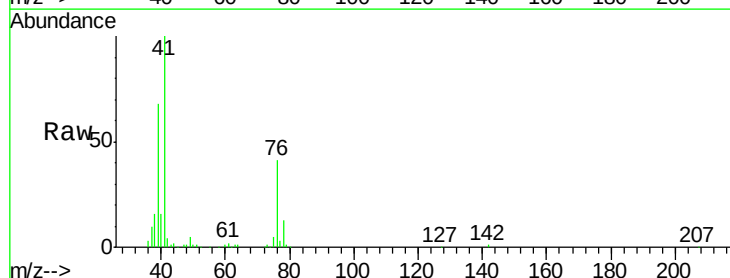
Tgt Ion: 41 Resp: 70620

Ion Ratio Lower Upper

41 100

39 66.5 53.0 79.4

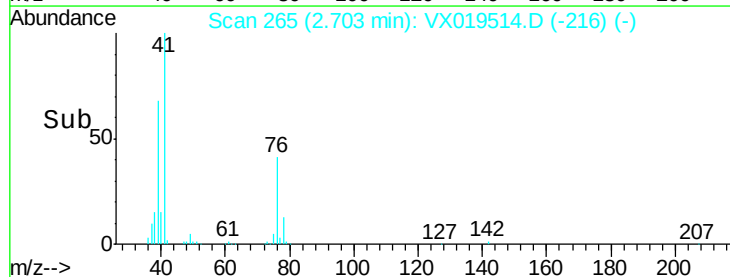
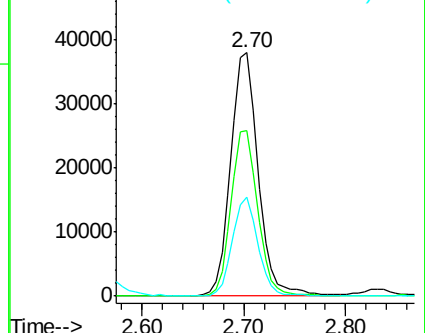
76 37.9 31.0 46.6

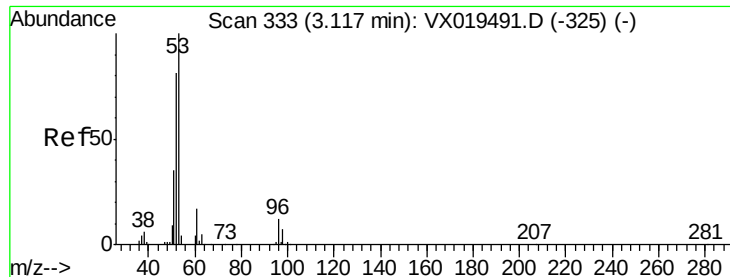


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





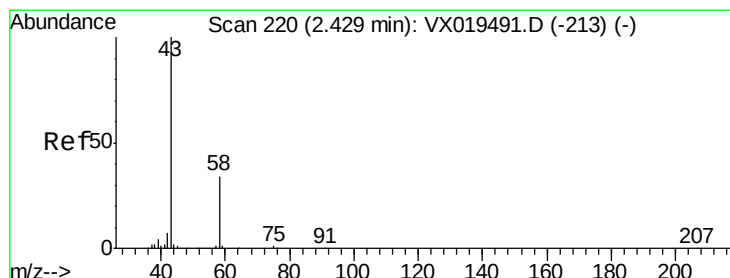
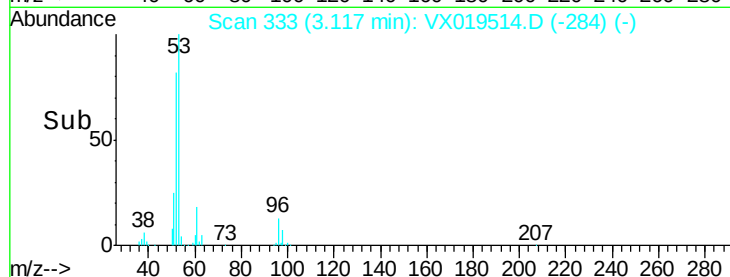
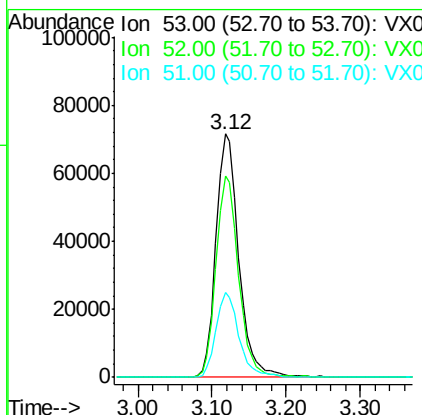
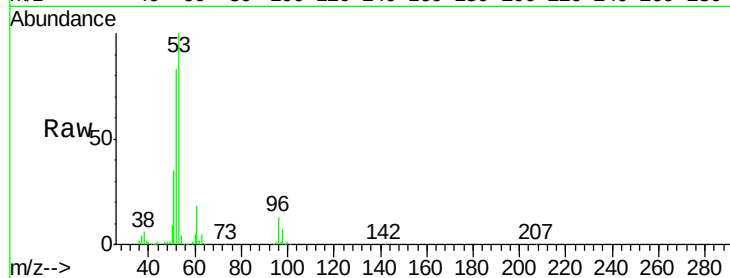
#15
 Acrylonitrile
 Concen: 101.958 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD02

Tot Ion:	53	Resp:	150437
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.2	99.2
51	35.0	28.5	42.7

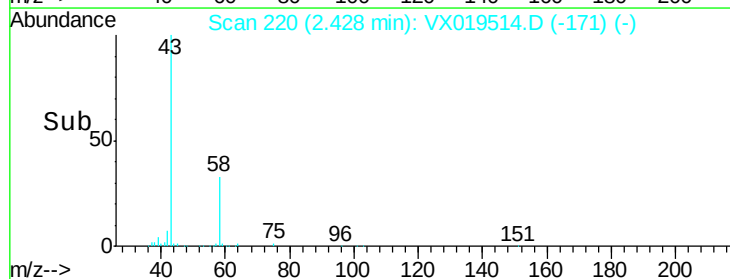
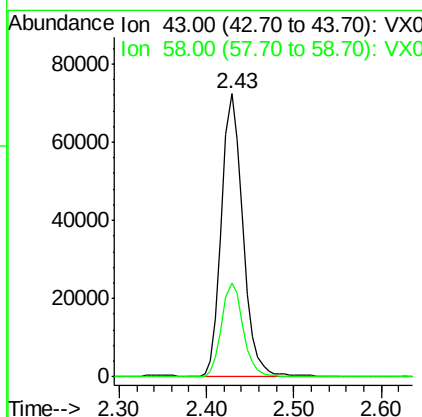
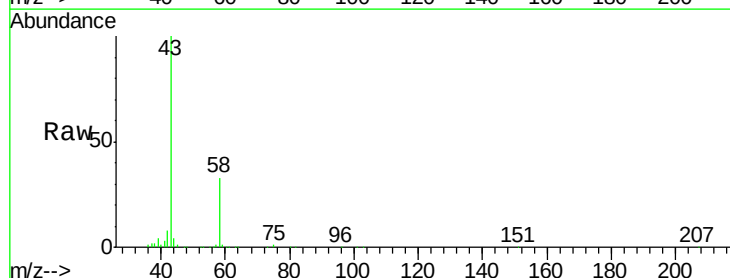
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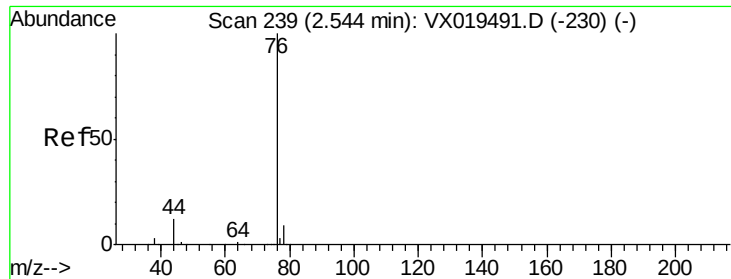
MMDadoda
 11/23/2020 3:51:21 PM



#16
 Acetone
 Concen: 95.472 ug/l
 RT: 2.43 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

Tgt Ion:	43	Resp:	122056
Ion Ratio	Lower	Upper	
43	100		
58	33.2	27.4	41.2





#17

Carbon Disulfide

Concen: 17.301 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.01 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD02

Tot Ion: 76 Resp: 117656

Ion Ratio Lower Upper

76 100

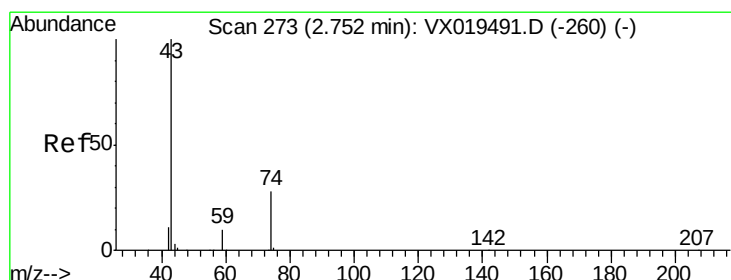
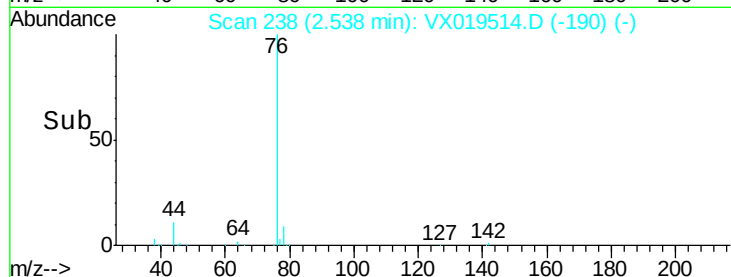
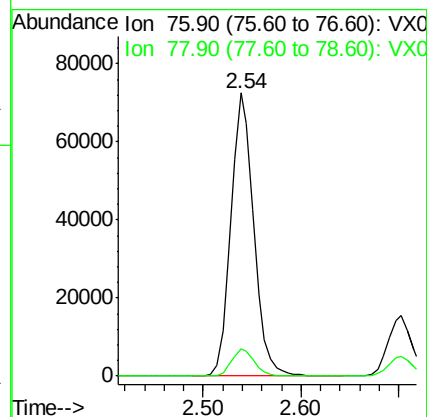
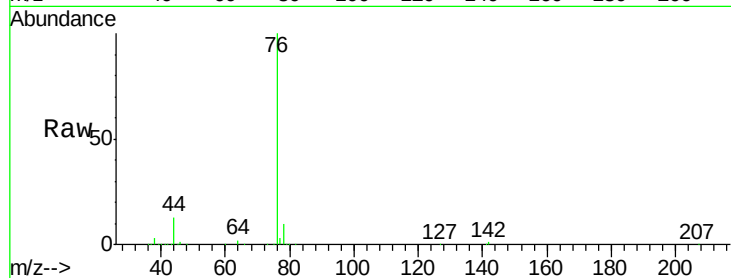
78 9.6 7.2 10.8

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#18

Methyl Acetate

Concen: 20.484 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX019514.D

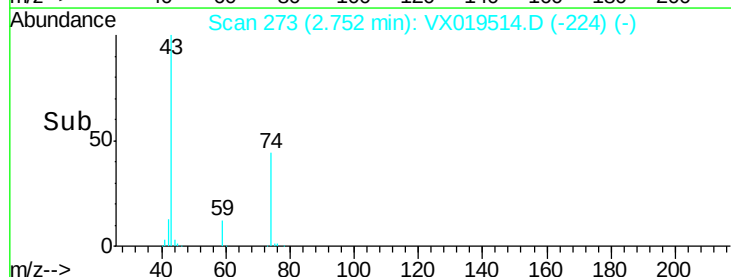
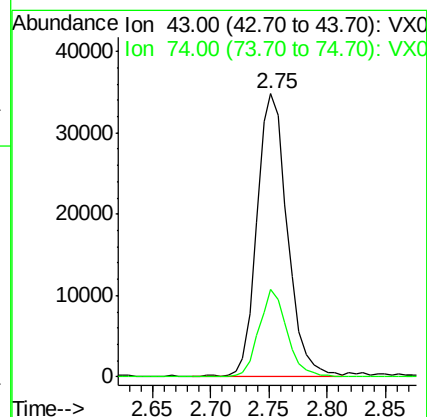
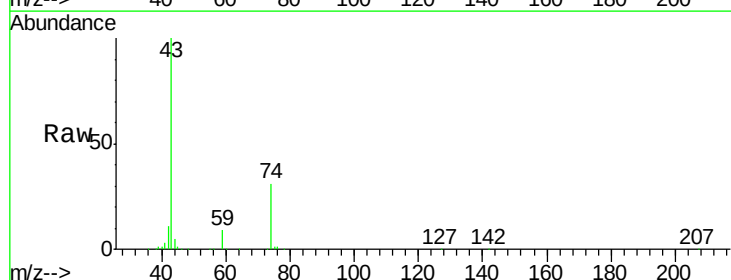
Acq: 21 Nov 2020 00:03

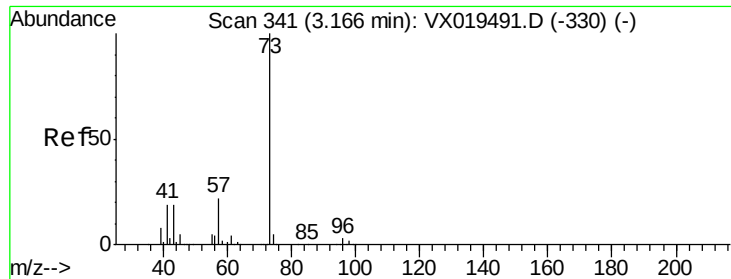
Tgt Ion: 43 Resp: 63019

Ion Ratio Lower Upper

43 100

74 29.1 22.2 33.4





#19

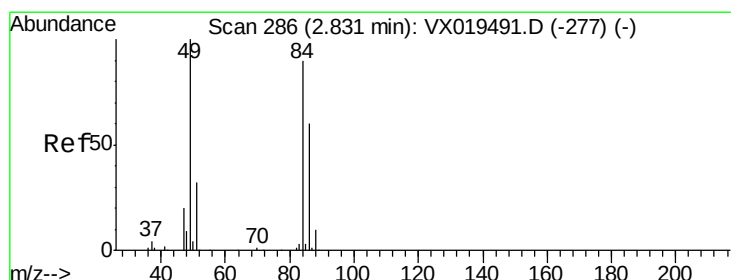
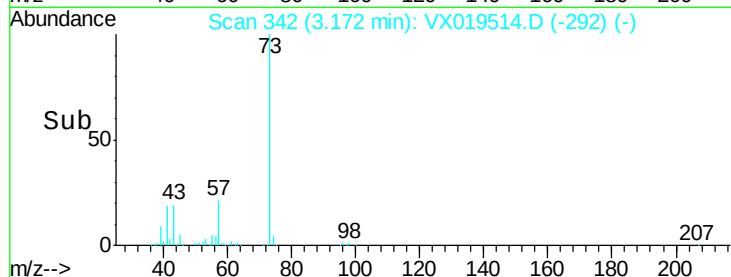
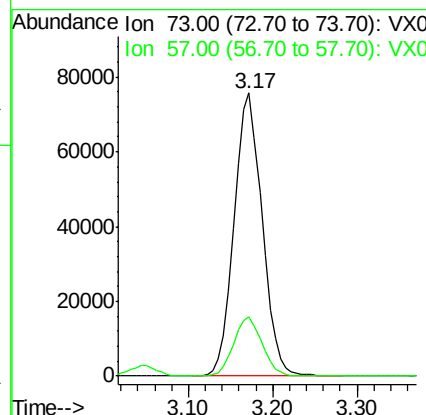
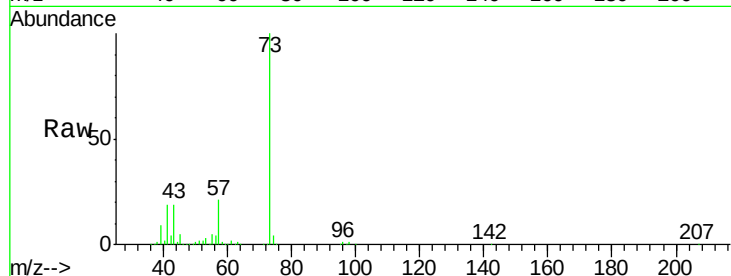
Methyl tert-butyl Ether
 Concen: 19.590 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.3	25.9

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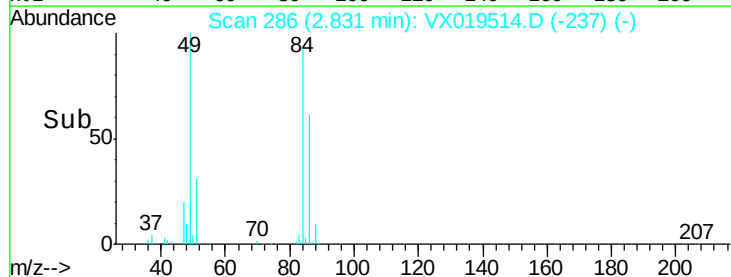
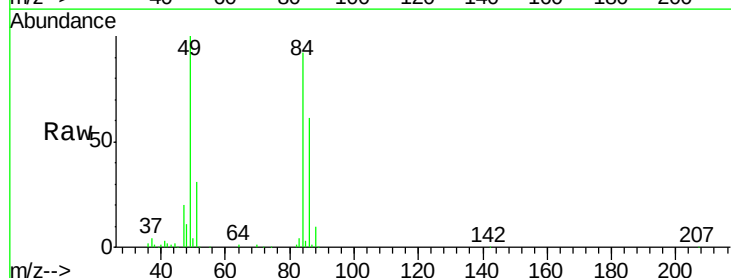
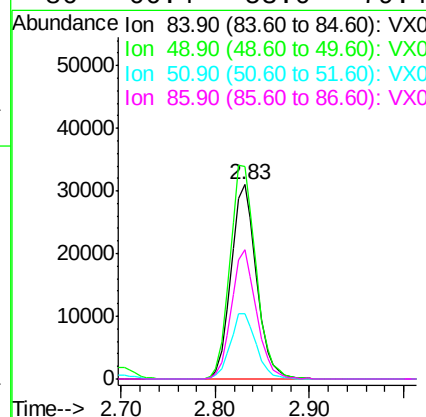
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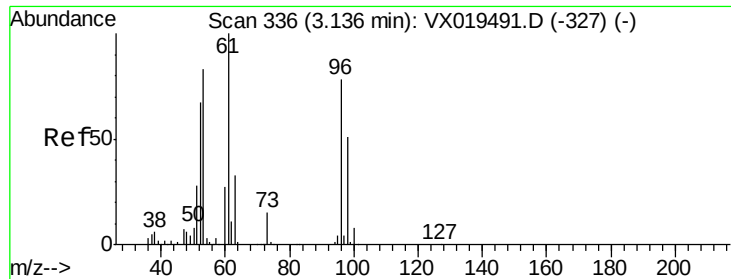


#20

Methylene Chloride
 Concen: 18.174 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.1	88.5	132.7
51	33.6	28.0	42.0
86	66.4	53.0	79.4





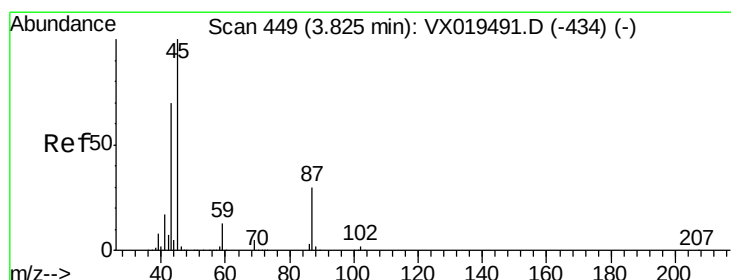
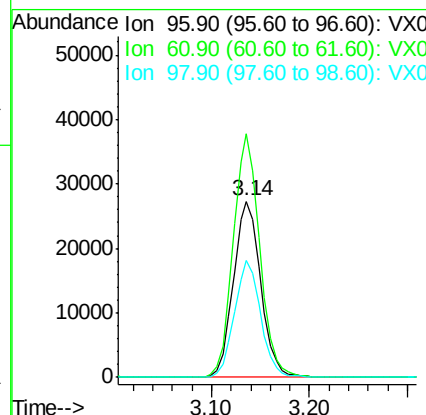
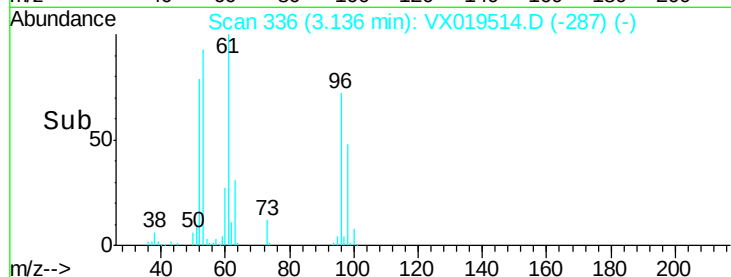
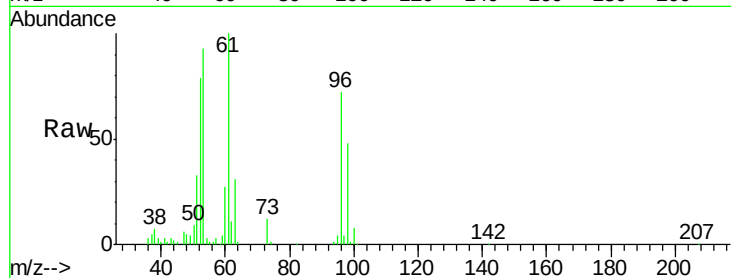
#21
trans-1,2-Dichloroethene
Concen: 18.442 ug/l
RT: 3.14 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.4	102.9	154.3
98	66.4	52.1	78.1

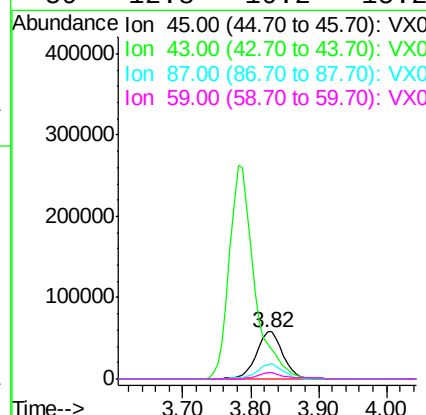
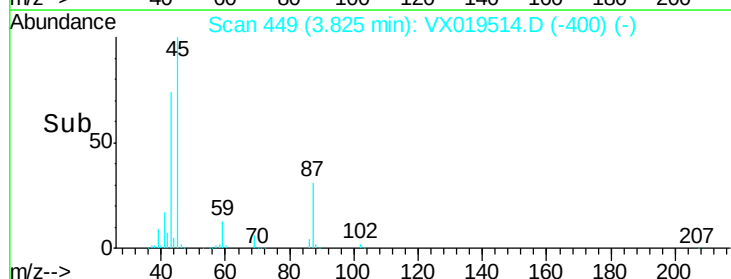
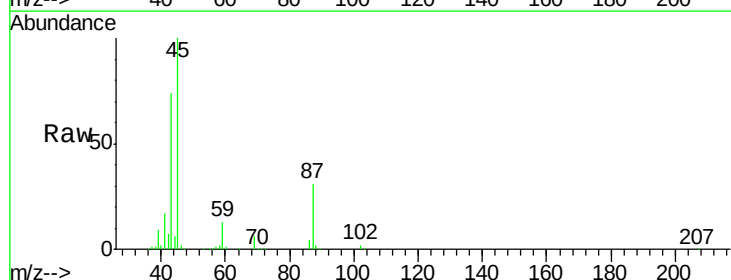
Manual Integrations
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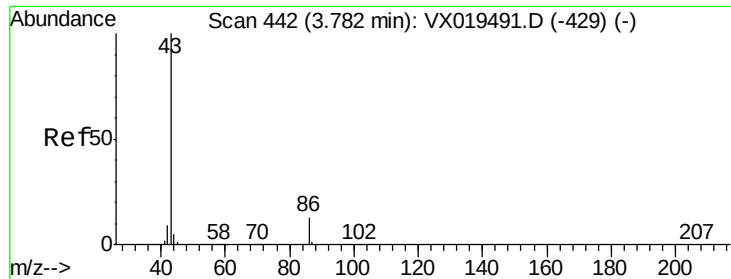
MMDadoda
11/23/2020 3:51:21 PM



#22
Diisopropyl ether
Concen: 19.520 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Tgt Ion	Ratio	Lower	Upper
45	100		
43	73.7	56.1	84.1
87	31.0	24.2	36.2
59	12.8	10.2	15.2





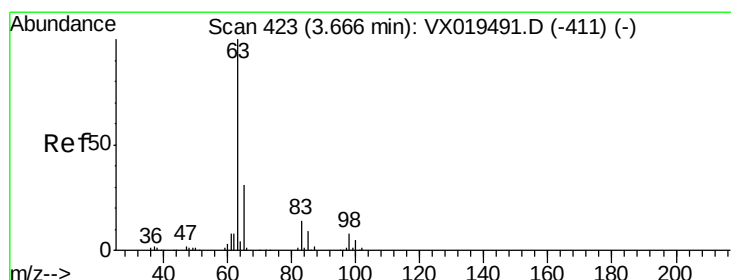
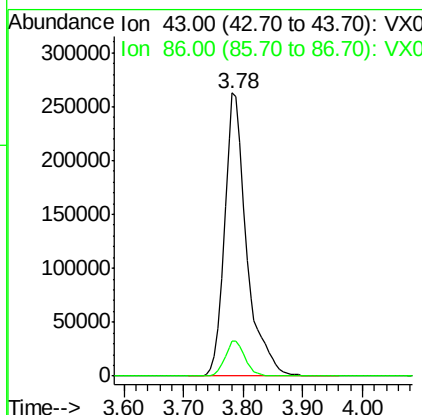
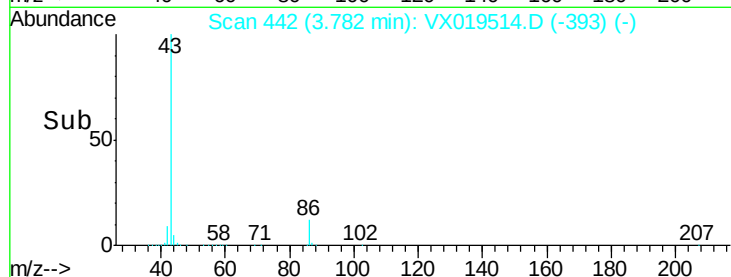
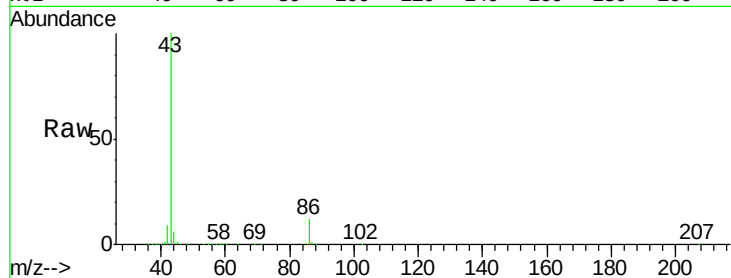
#23
 Vinyl Acetate
 Concen: 97.872 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
86	12.2	10.2	15.2

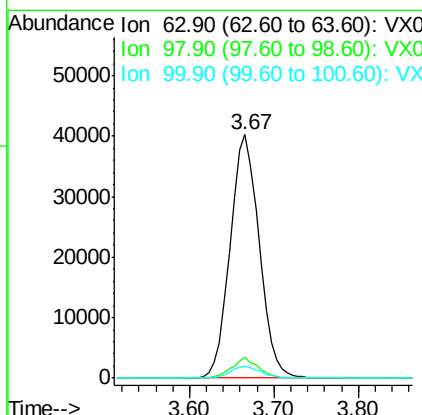
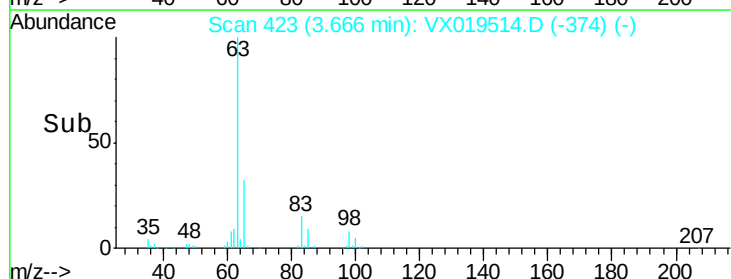
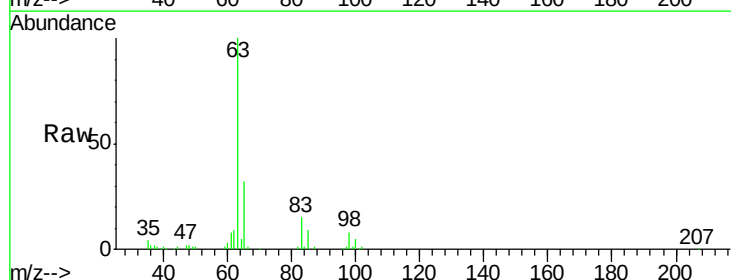
Manual Integrations
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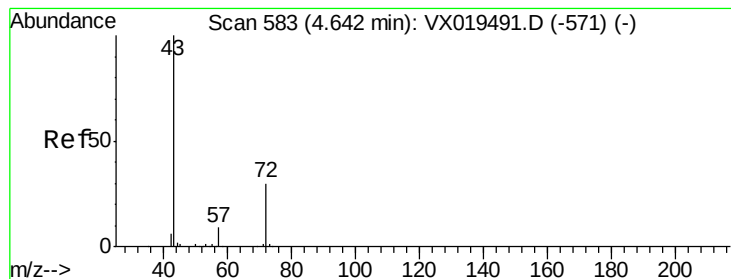
MMDadoda
 11/23/2020 3:51:21 PM



#24
 1,1-Dichloroethane
 Concen: 18.746 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

Tgt Ion	Ratio	Lower	Upper
63	100		
98	8.4	3.9	11.7
100	5.0	2.4	7.1





#25

2-Butanone

Concen: 100.415 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Tot Ion: 43 Resp: 192845

Ion Ratio Lower Upper

43 100

72 29.8 24.0 36.0

Instrument :

MSVOA_X

ClientSampleId :

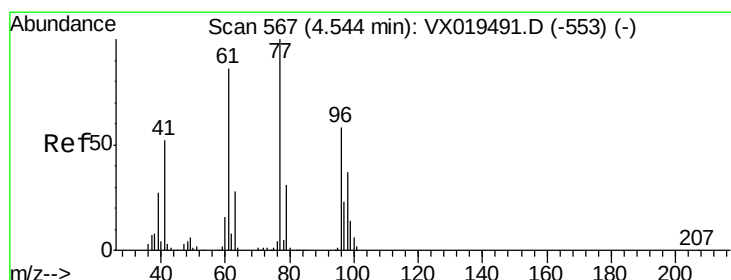
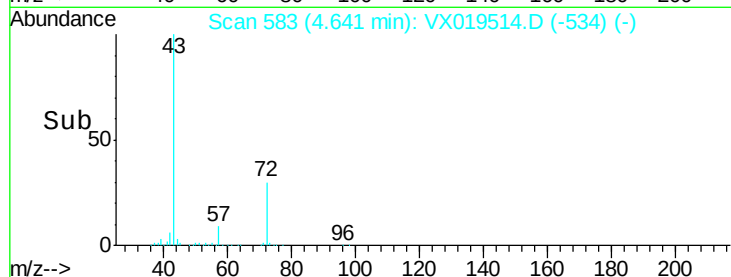
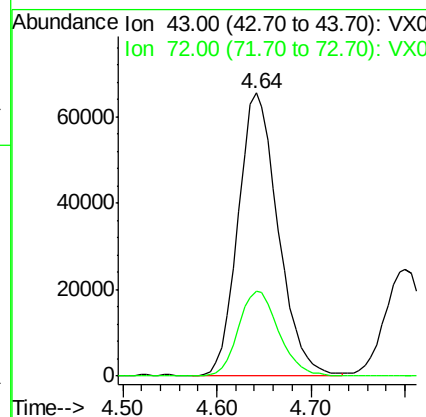
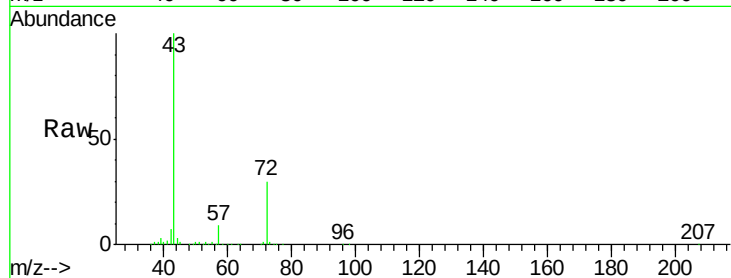
VX1121WBSD02

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 15.318 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019514.D

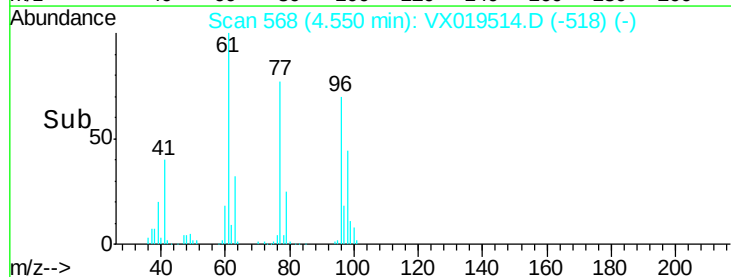
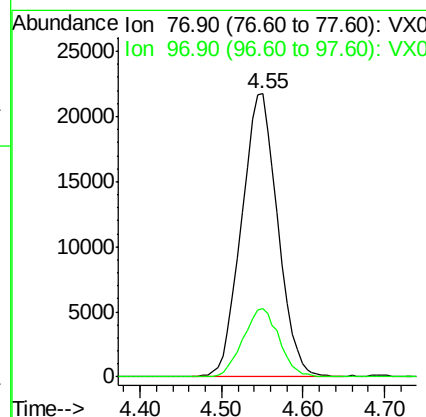
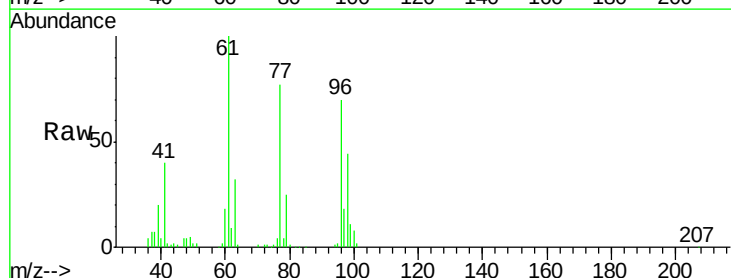
Acq: 21 Nov 2020 00:03

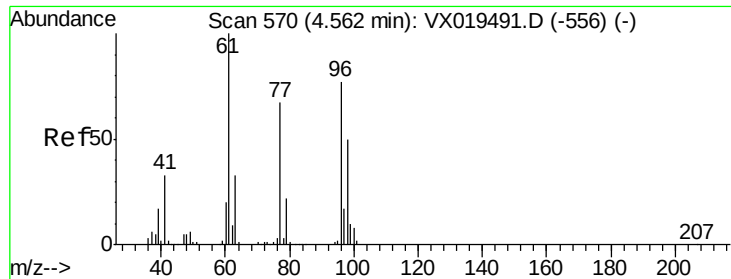
Tgt Ion: 77 Resp: 67090

Ion Ratio Lower Upper

77 100

97 24.0 11.6 34.8





#27

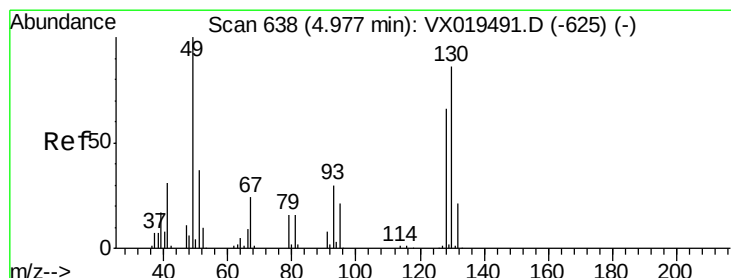
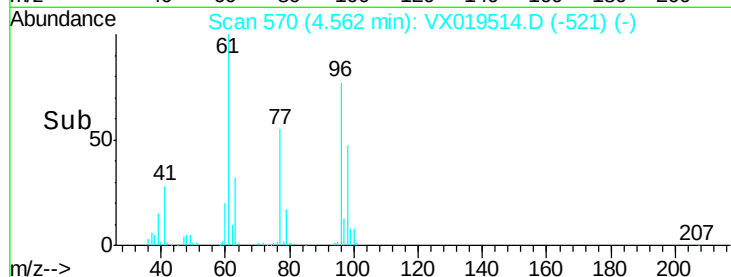
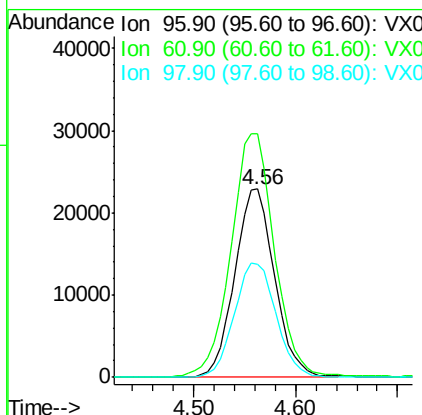
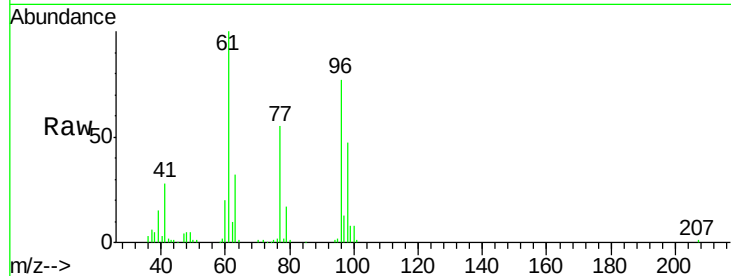
cis-1,2-Dichloroethene
Concen: 18.855 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	62116		
61	141.5		0.0	279.2
98	63.7		0.0	129.8

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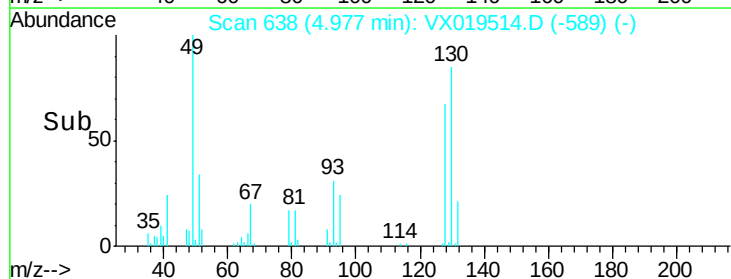
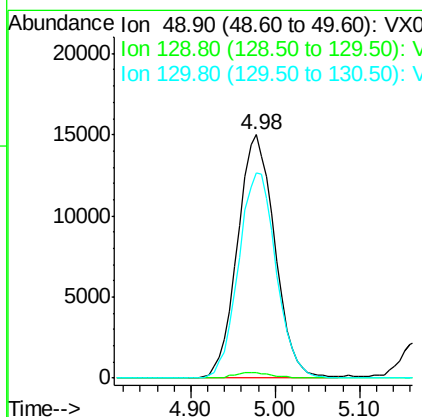
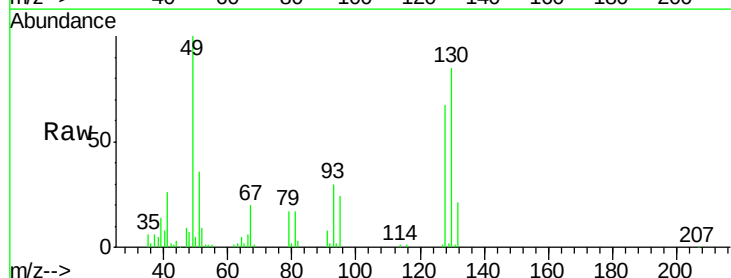
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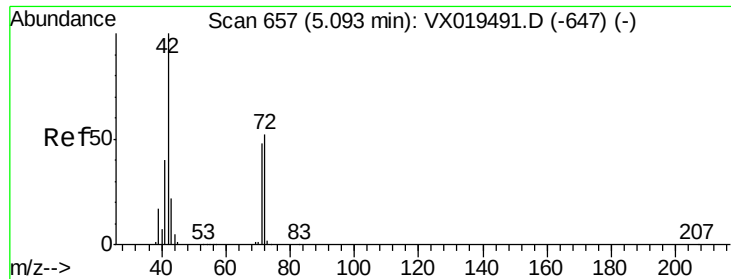


#28

Bromochloromethane
Concen: 18.757 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	44996		
129	2.2		0.0	4.2
130	85.1		69.0	103.6





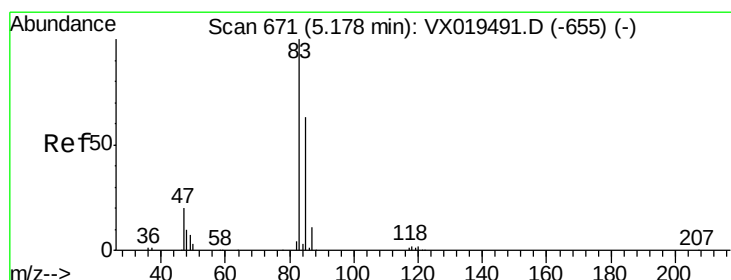
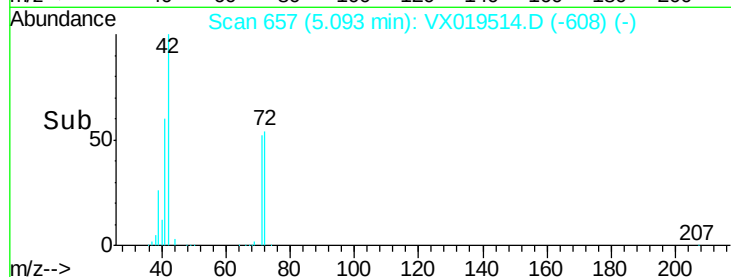
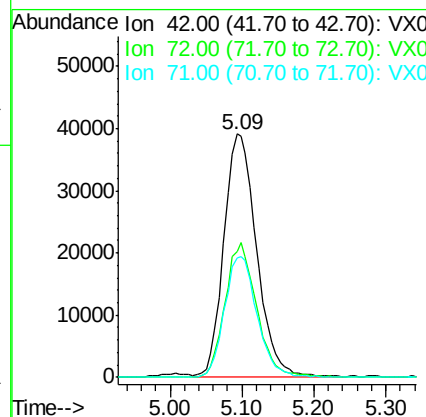
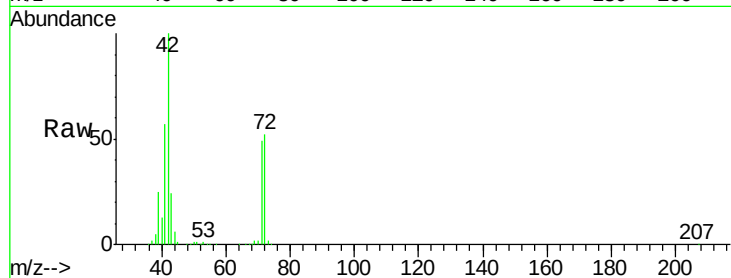
#29
Tetrahydrofuran
Concen: 100.220 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.8	42.6	63.8
71	49.9	39.0	58.6

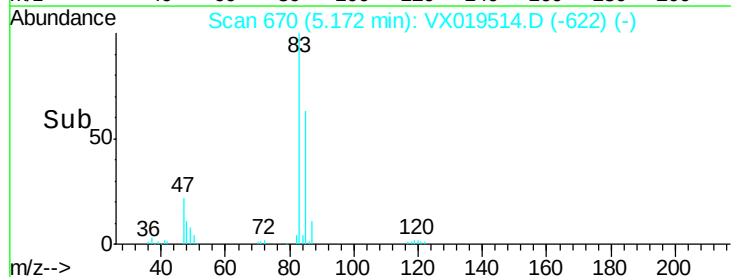
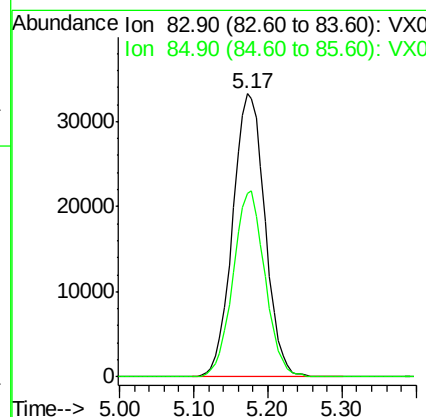
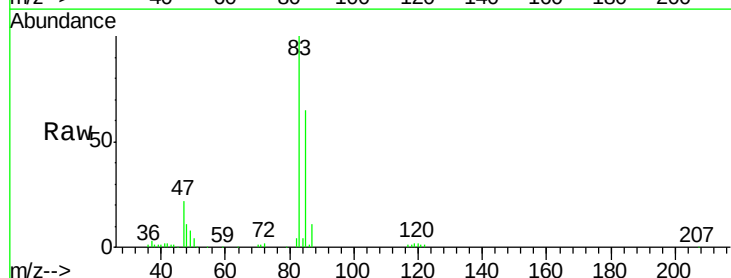
Manual Integrations
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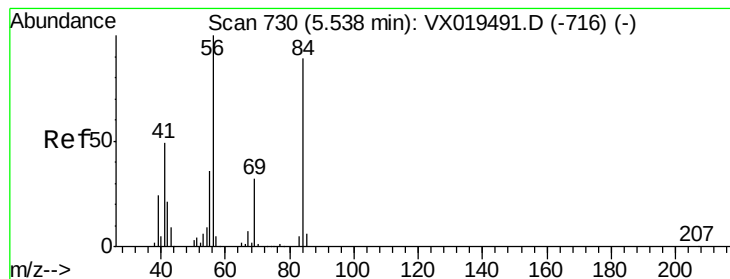
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#30
Chloroform
Concen: 19.240 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.5	75.7





#31

Cyclohexane

Concen: 18.207 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

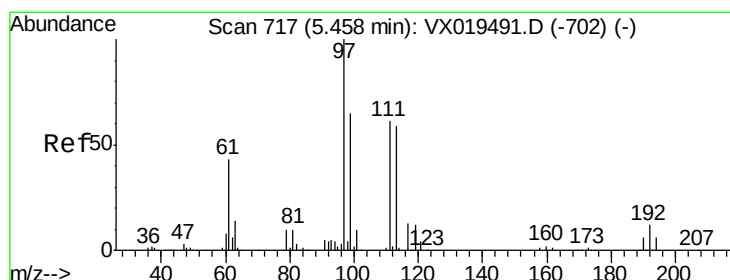
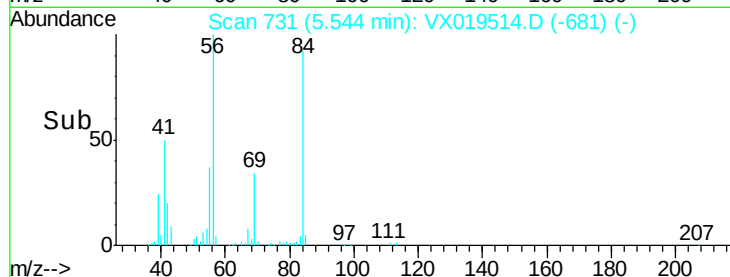
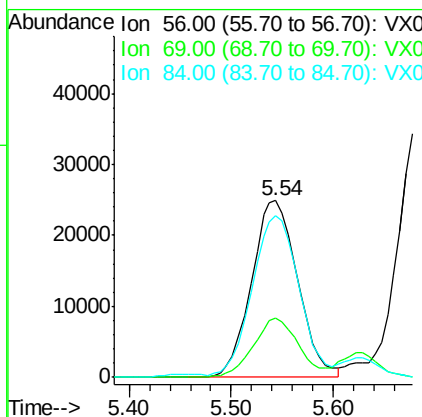
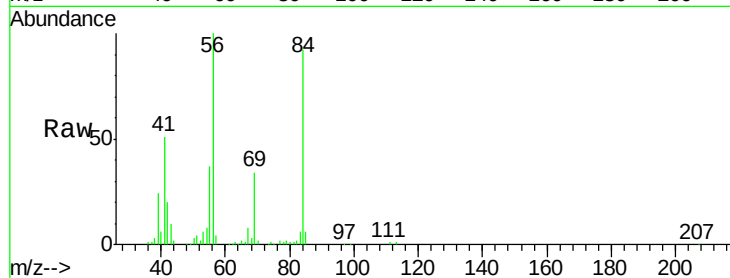
ClientSampleId :

VX1121WBSD02

Tot Ion:	56	Resp:	78287
Ion Ratio	Lower	Upper	
56	100		
69	33.9	25.5	38.3
84	90.4	71.1	106.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.048 ug/l

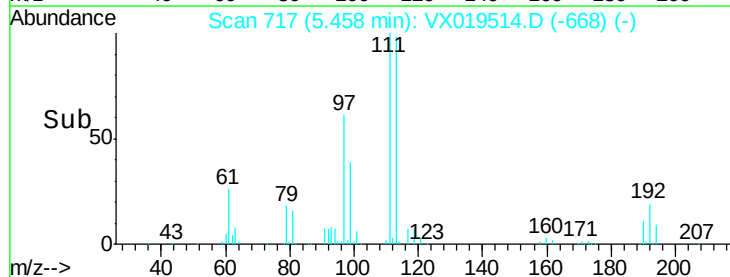
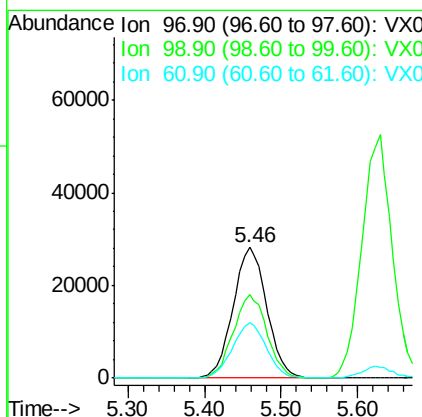
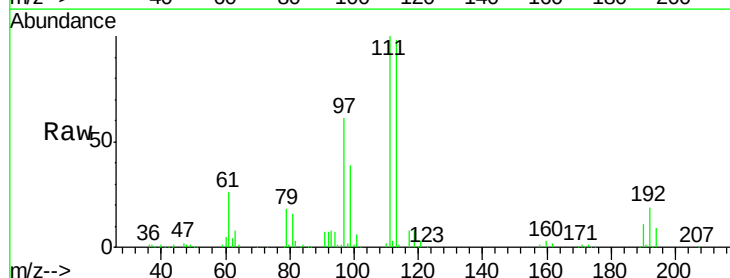
RT: 5.46 min Scan# 717

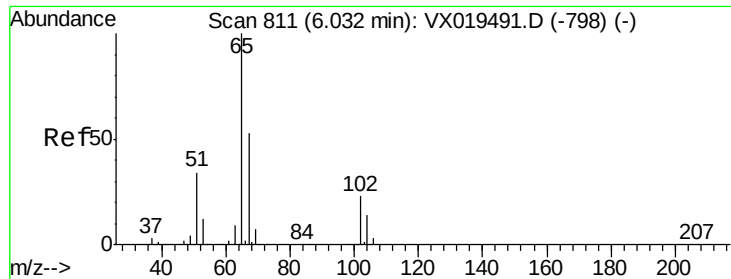
Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Tgt Ion:	97	Resp:	85849
Ion Ratio	Lower	Upper	
97	100		
99	63.9	51.4	77.0
61	42.6	34.2	51.2





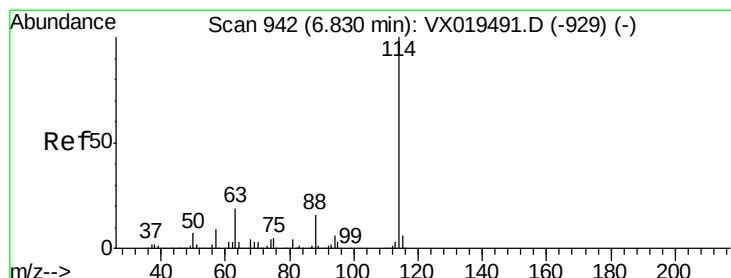
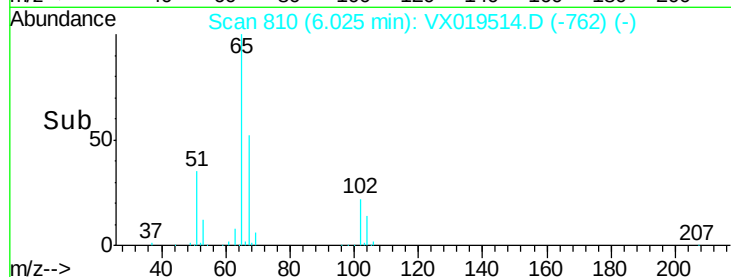
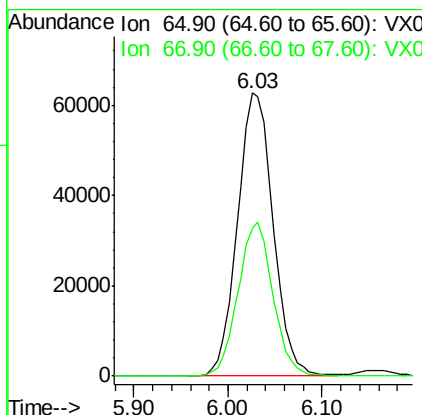
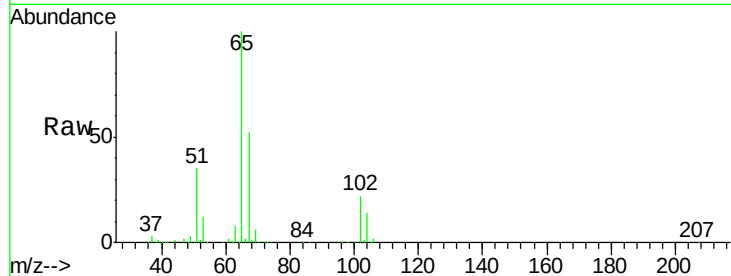
#33
 1,2-Dichloroethane-d4
 Concen: 50.200 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	165957		
67	53.2	0.0	105.0	

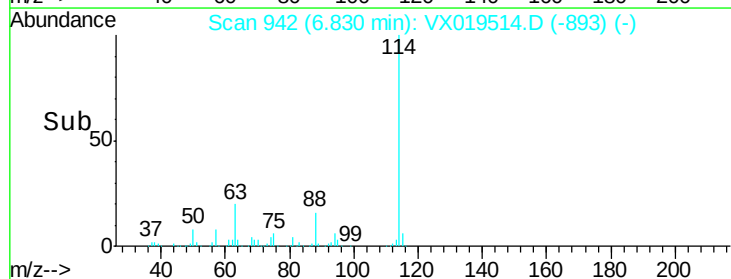
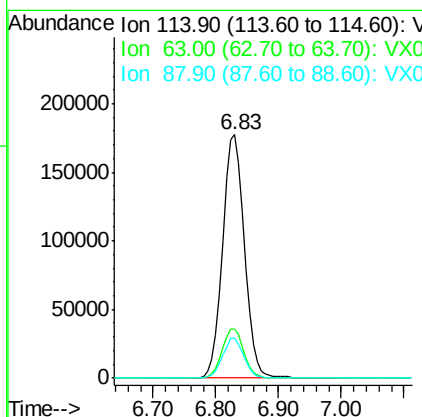
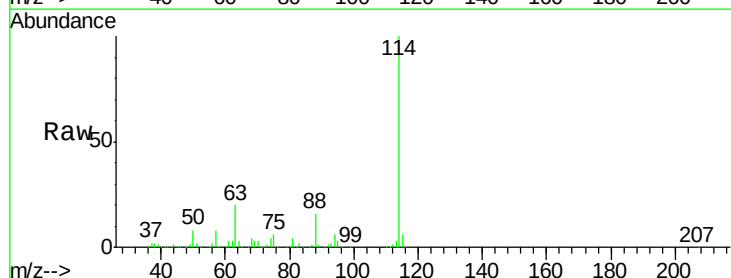
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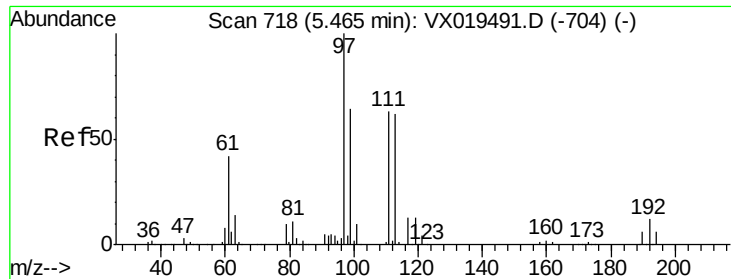
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	427894		
63	20.3	0.0	38.8	
88	16.3	0.0	31.6	





#35

Dibromofluoromethane

Concen: 49.573 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

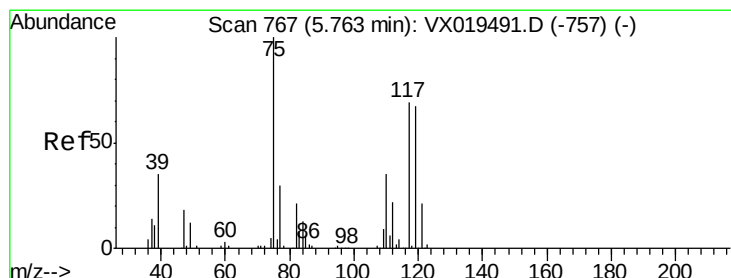
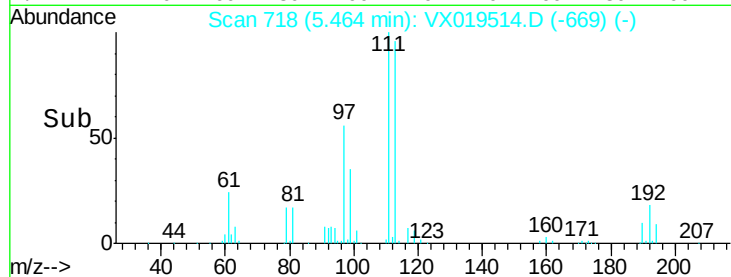
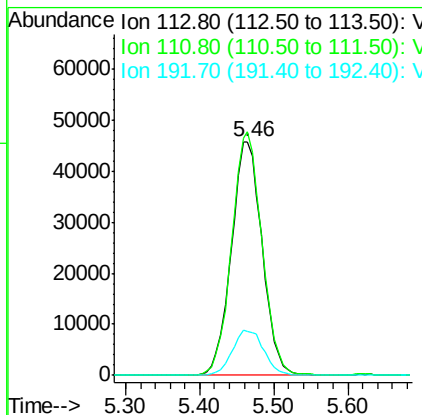
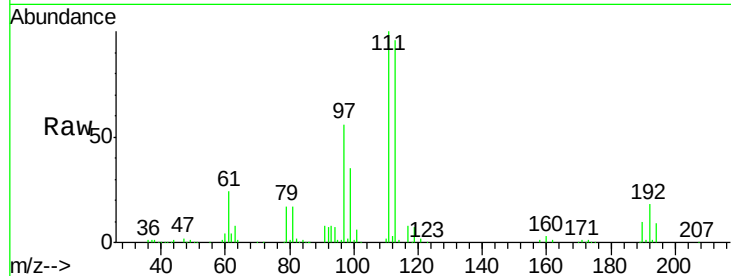
ClientSampleId :

VX1121WBSD02

Tot Ion:	113	Resp:	133147
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.5	122.3
192	19.7	16.2	24.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 17.930 ug/l

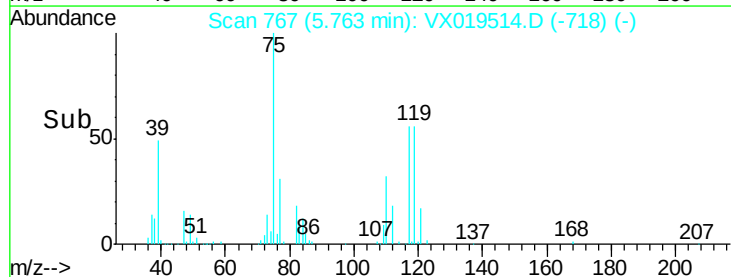
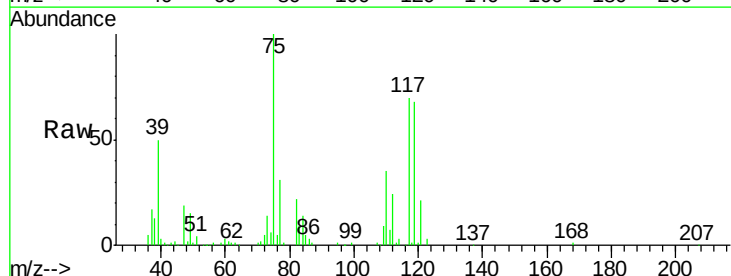
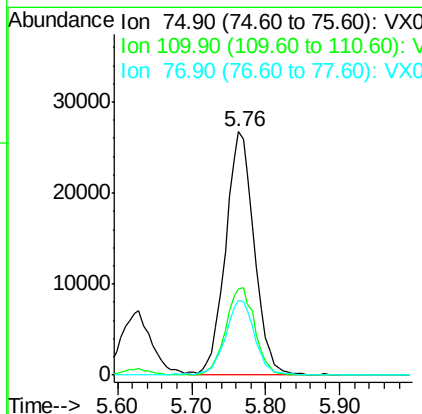
RT: 5.76 min Scan# 767

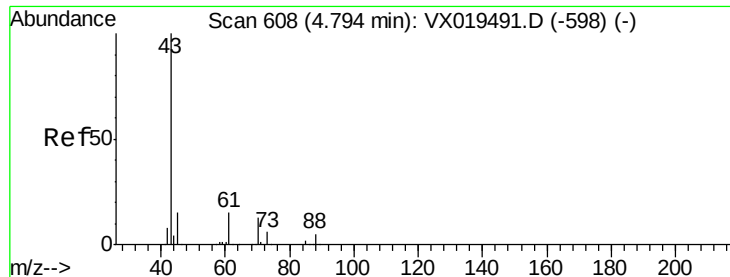
Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Tgt Ion:	75	Resp:	71927
Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.1	54.3
77	31.3	24.2	36.4





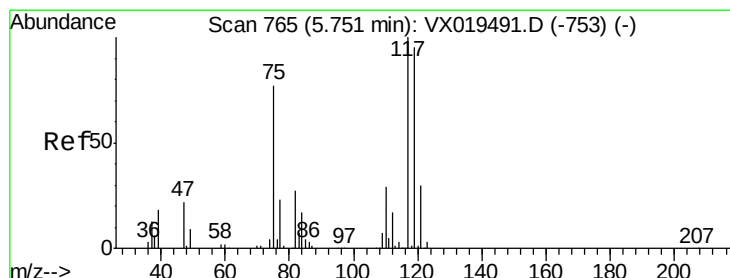
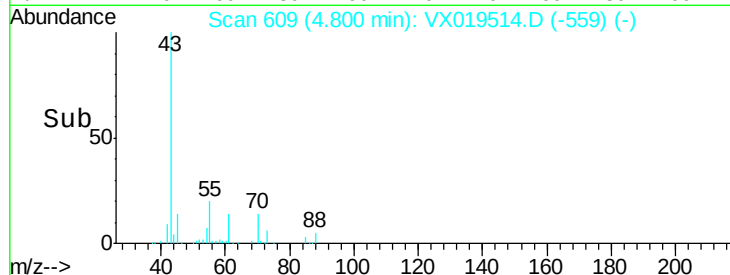
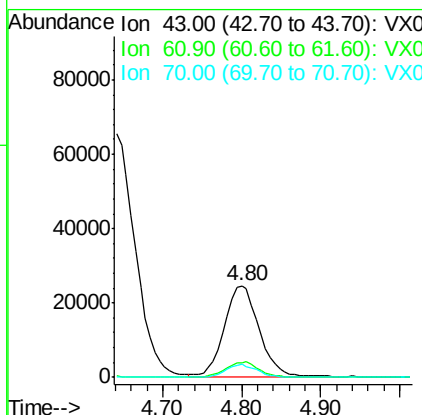
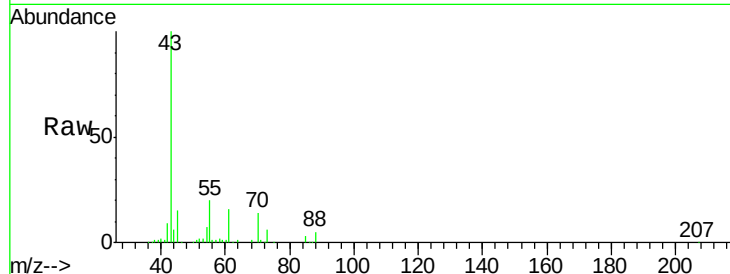
#37
Ethyl Acetate
Concen: 20.017 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.5	12.7	19.1
70	13.1	10.2	15.2

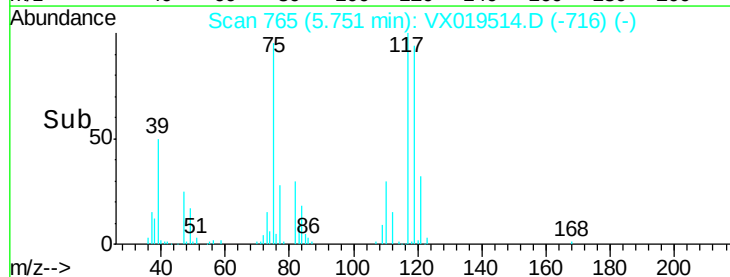
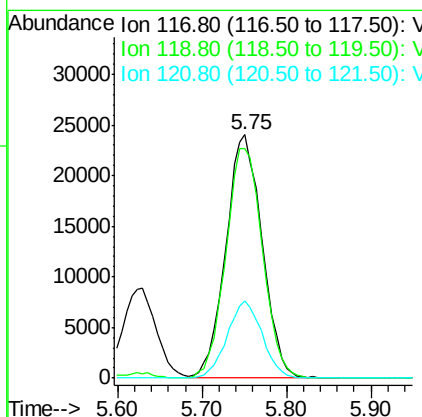
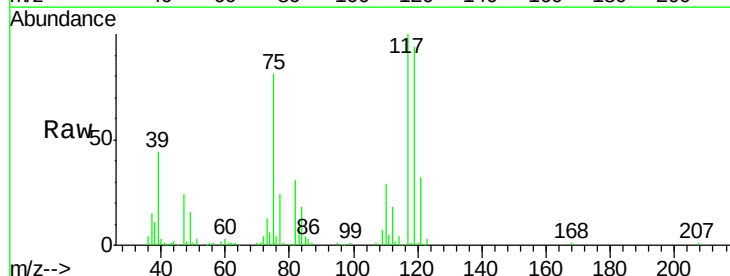
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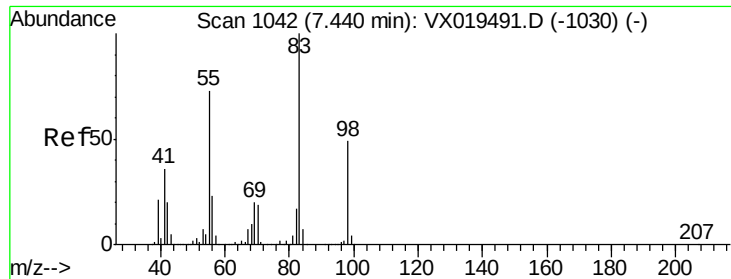
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#38
Carbon Tetrachloride
Concen: 18.103 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.9	113.9
121	31.8	24.0	36.0





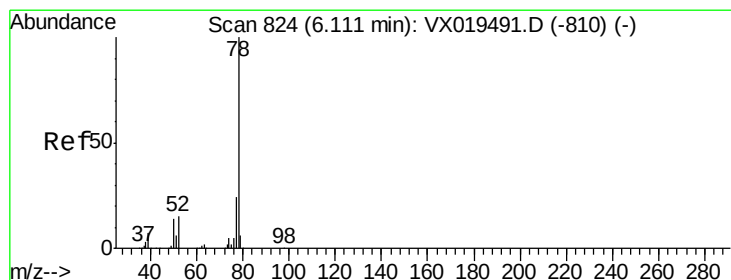
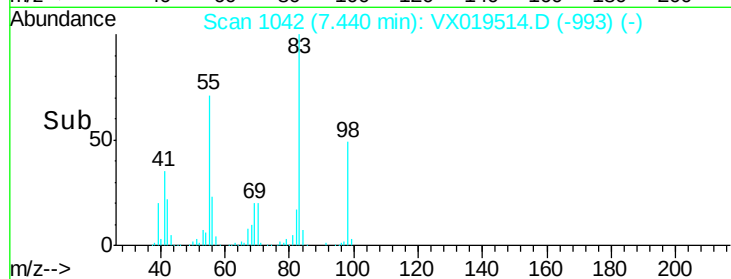
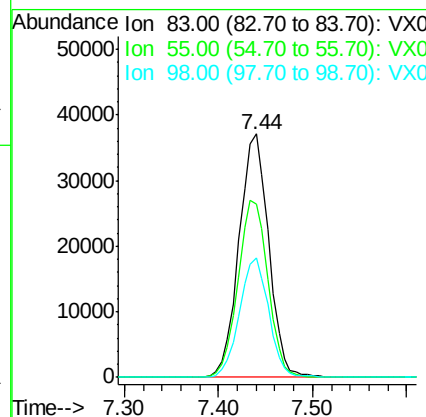
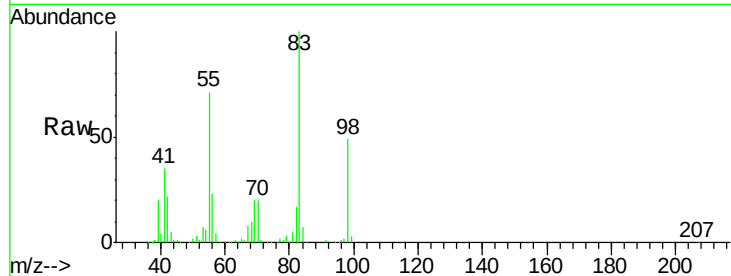
#39
Methylvlcyclohexane
Concen: 17.383 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	81193		
55	71.3		58.3	87.5
98	49.0		38.9	58.3

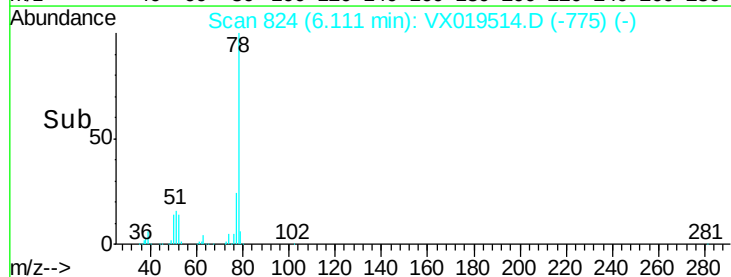
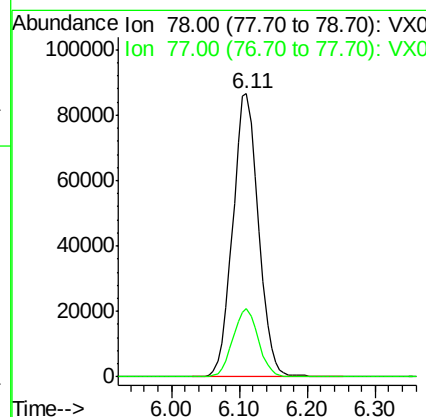
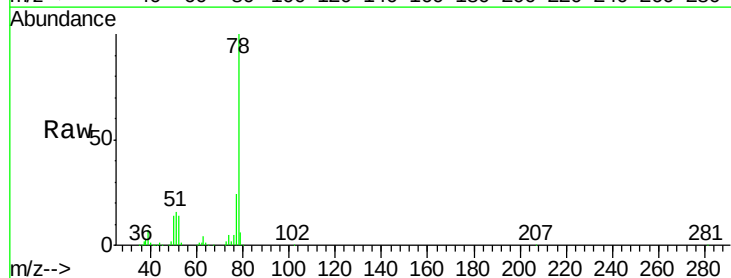
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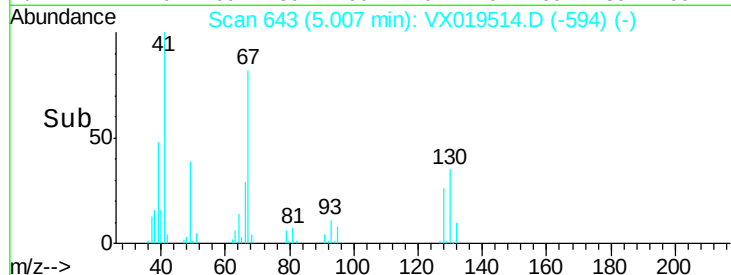
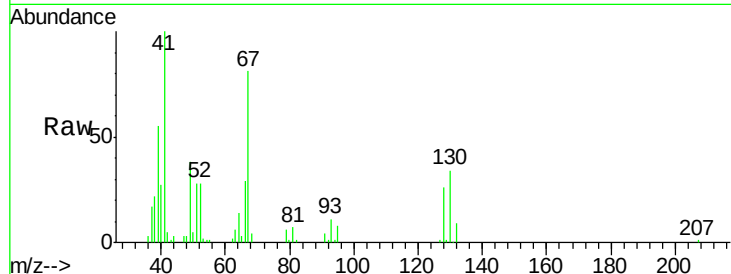
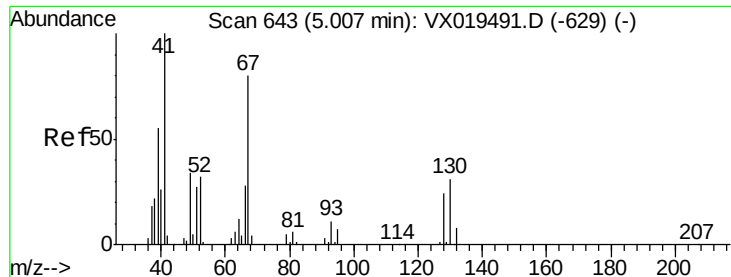
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#40
Benzene
Concen: 18.416 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

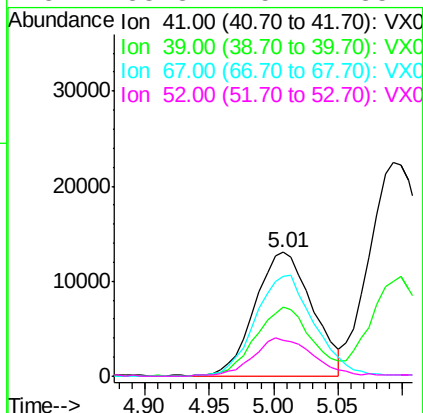
Tgt Ion	Ratio	Resp	Lower	Upper
78	100	226981		
77	24.3		18.9	28.3





#41
Methacrylonitrile
Concen: 19.350 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

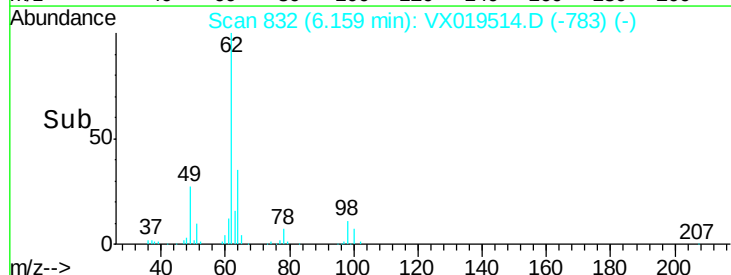
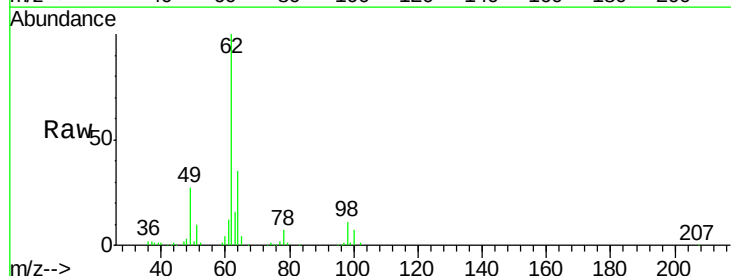
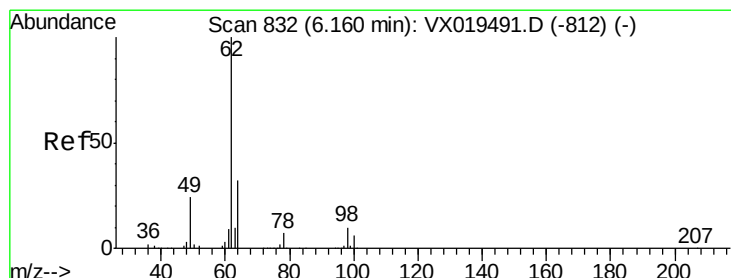
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.2	43.3	64.9	
67	85.0	66.0	99.0	
52	33.3	25.4	38.2	



Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD02

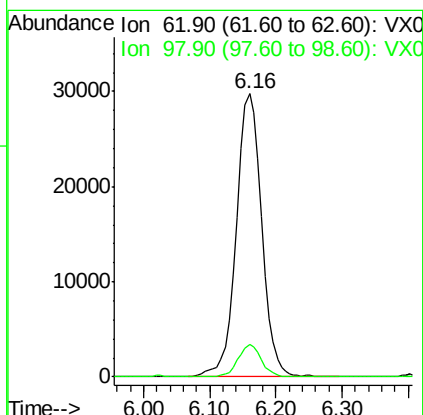
Manual Integrations
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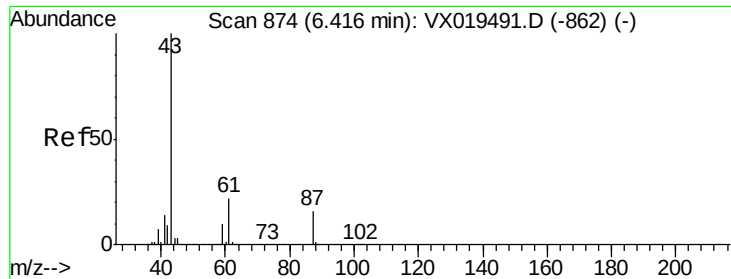
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#42
1,2-Dichloroethane
Concen: 18.832 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.3	0.0	20.0	





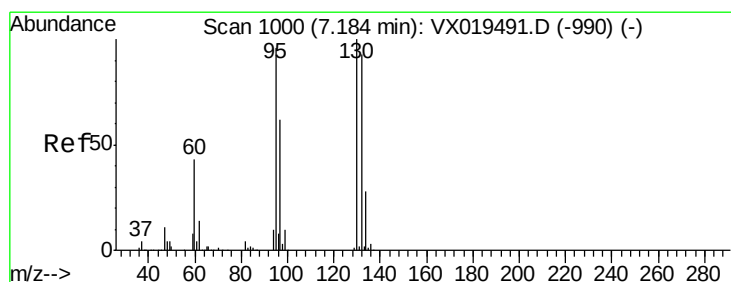
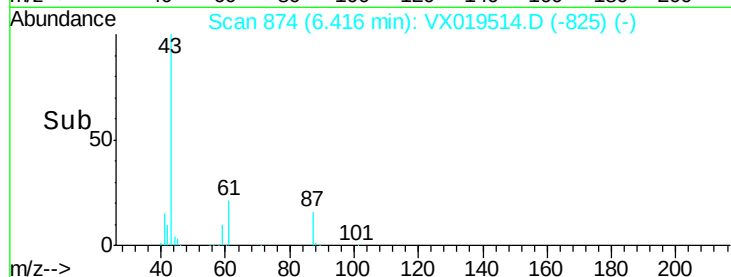
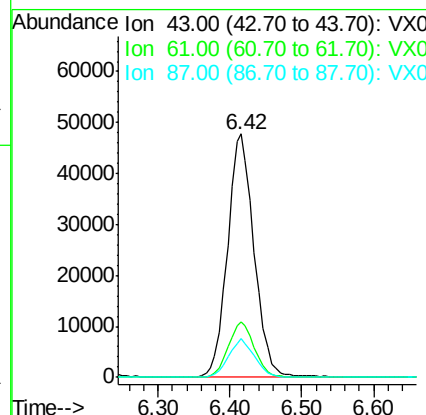
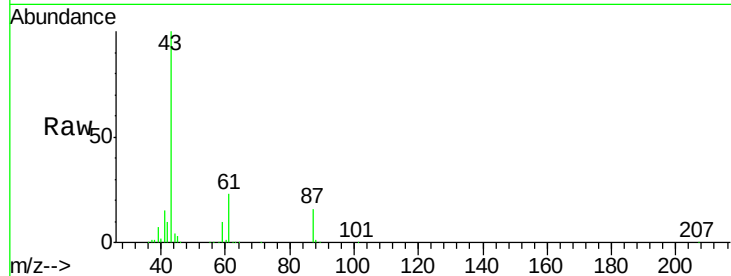
#43
Isopropyl Acetate
Concen: 19.105 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.6	18.2	27.2
87	15.6	12.6	18.8

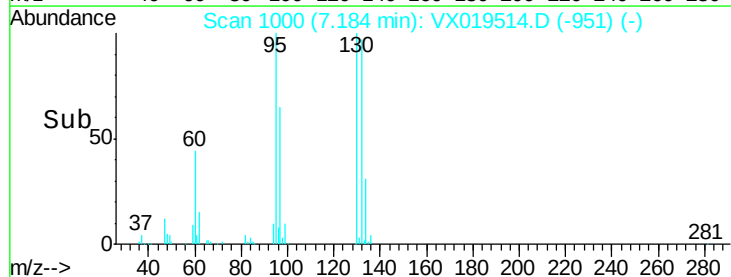
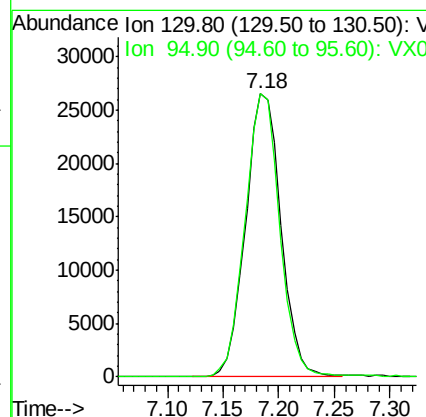
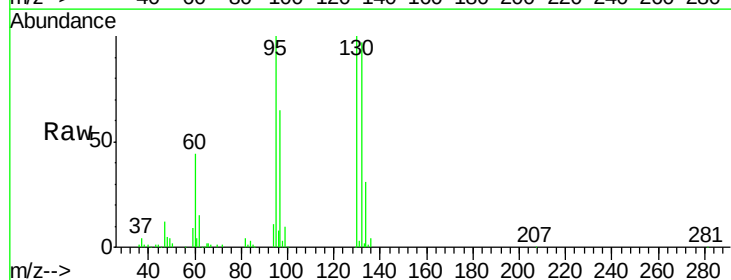
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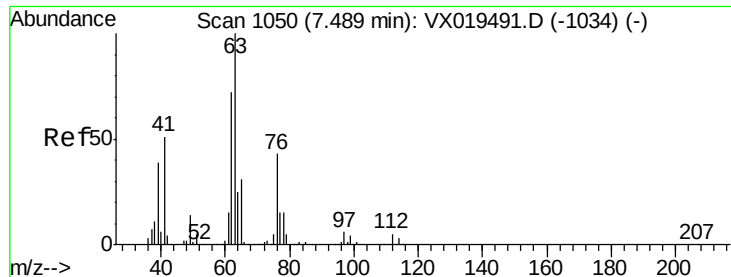
MMDadoda
11/23/2020 3:51:21 PM



#44
Trichloroethene
Concen: 18.186 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	191.2





#45

1,2-Dichloropropane

Concen: 18.852 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD02

Tot Ion: 63 Resp: 57202

Ion Ratio Lower Upper

63 100

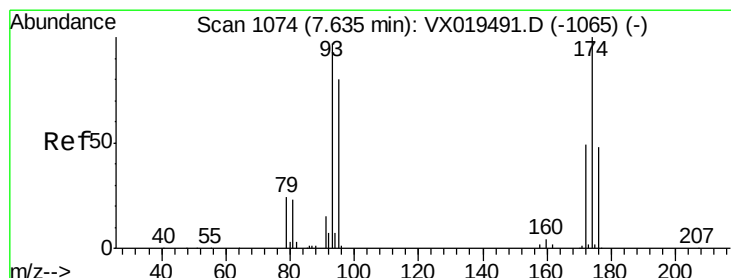
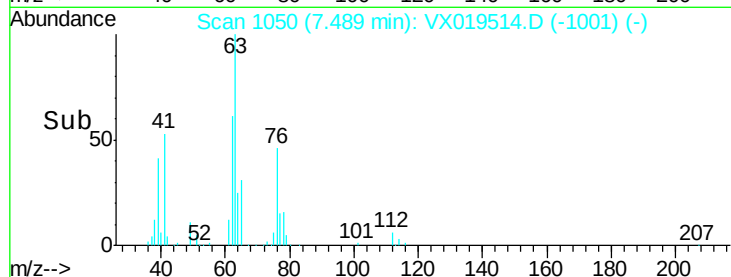
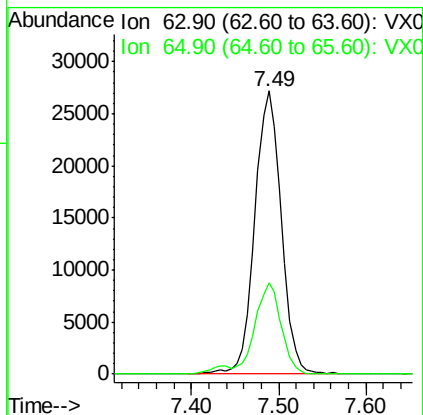
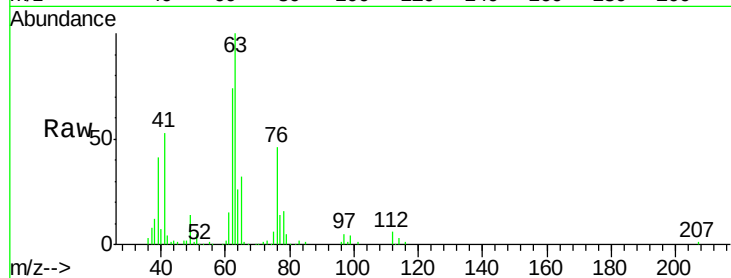
65 32.1 25.0 37.4

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#46

Dibromomethane

Concen: 19.218 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

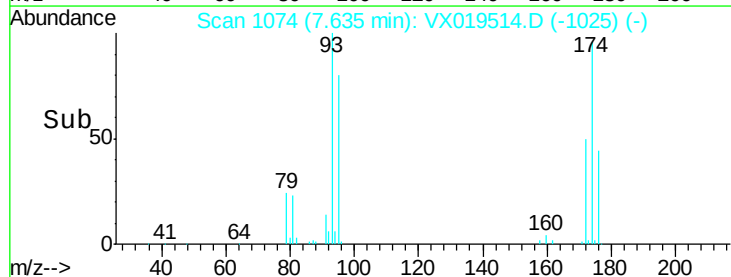
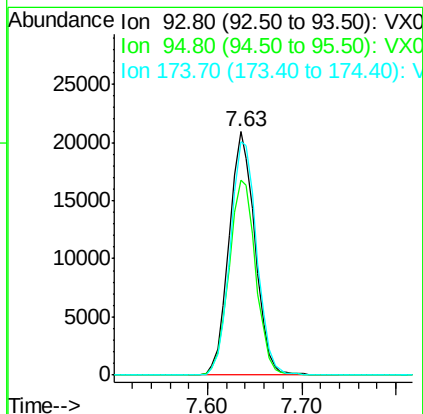
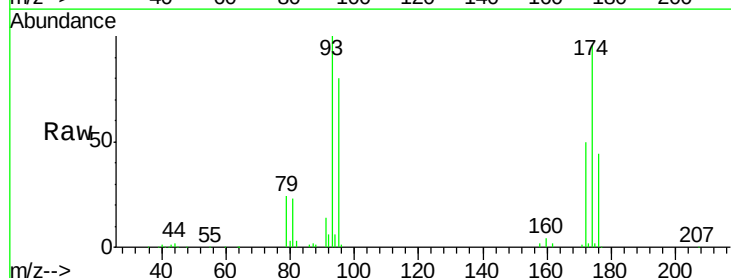
Tgt Ion: 93 Resp: 39911

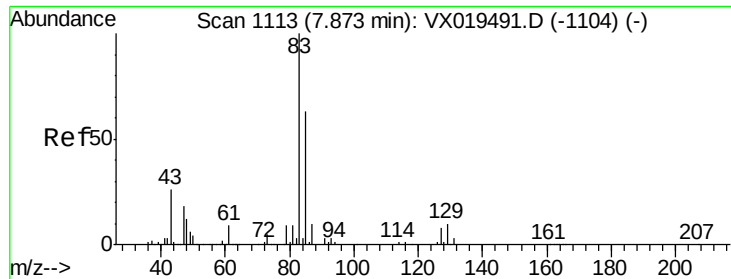
Ion Ratio Lower Upper

93 100

95 82.2 66.8 100.2

174 98.3 83.0 124.4





#47

Bromodichloromethane

Concen: 18.805 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

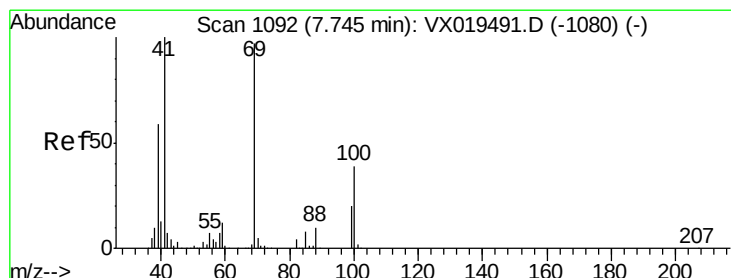
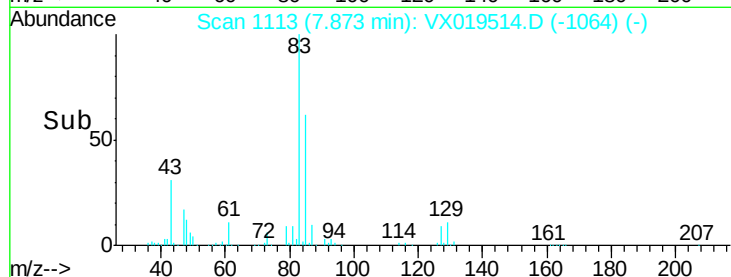
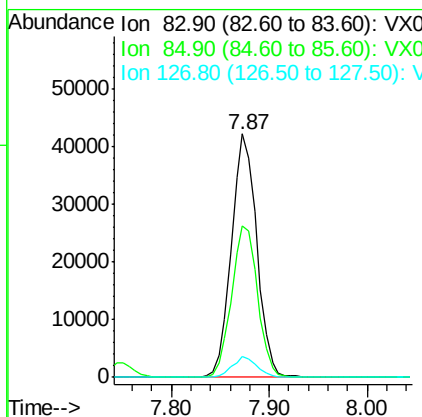
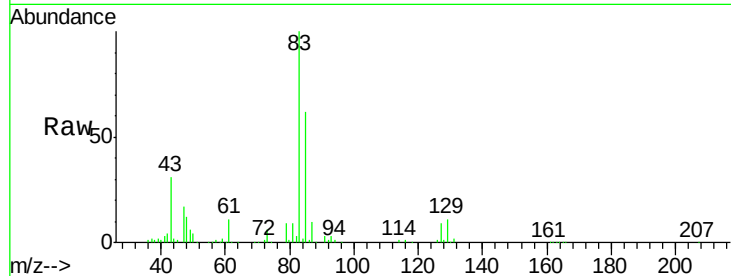
ClientSampleId :

VX1121WBSD02

Tot Ion:	83	Resp:	75782
Ion	Ratio	Lower	Upper
83	100		
85	62.2	50.2	75.2
127	8.6	6.4	9.6

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#48

Methyl methacrylate

Concen: 19.617 ug/l

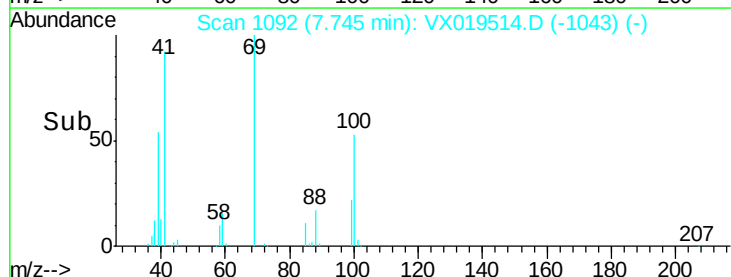
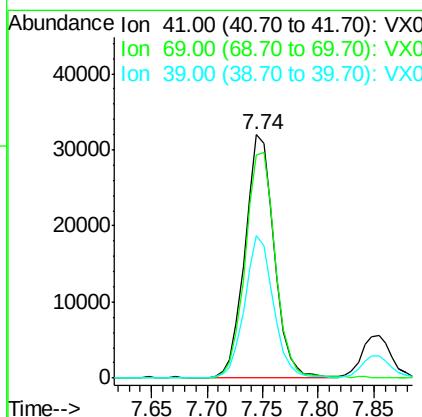
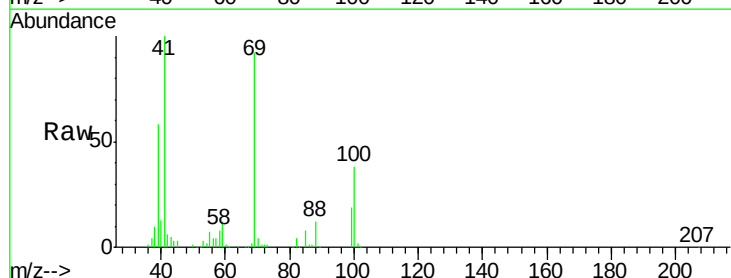
RT: 7.74 min Scan# 1092

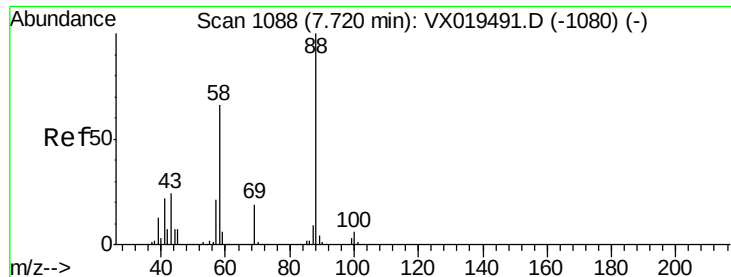
Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Tgt Ion:	41	Resp:	58160
Ion	Ratio	Lower	Upper
41	100		
69	96.3	77.0	115.6
39	57.3	45.6	68.4





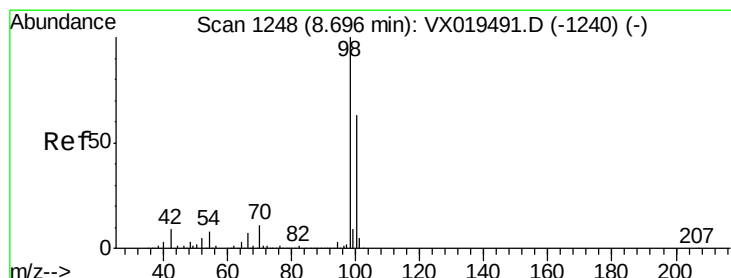
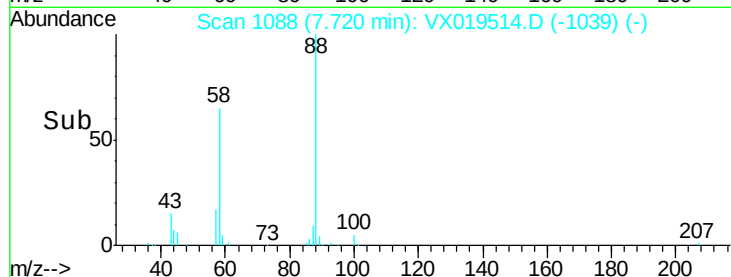
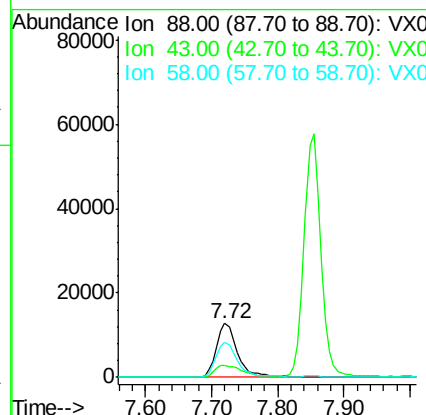
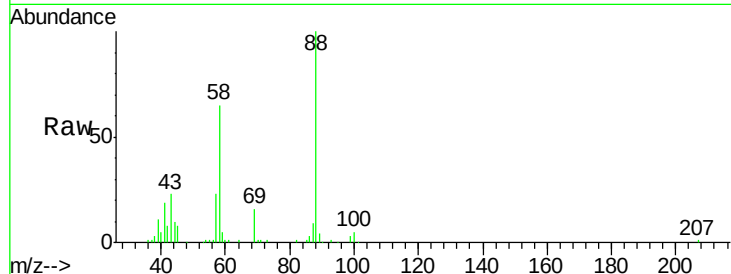
#49
1,4-Dioxane
Concen: 428.497 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.7	23.8	35.6
58	65.5	54.2	81.2

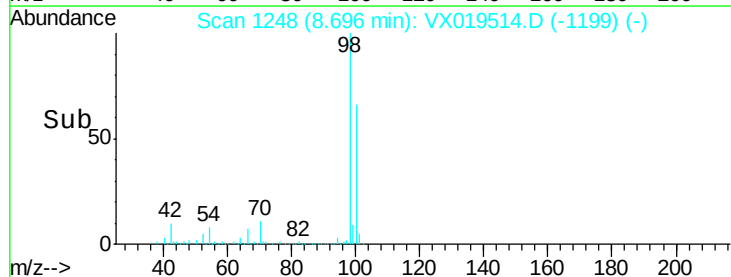
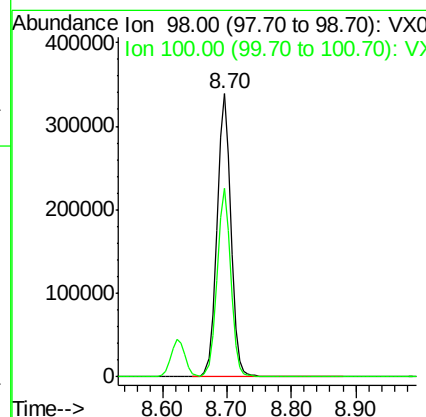
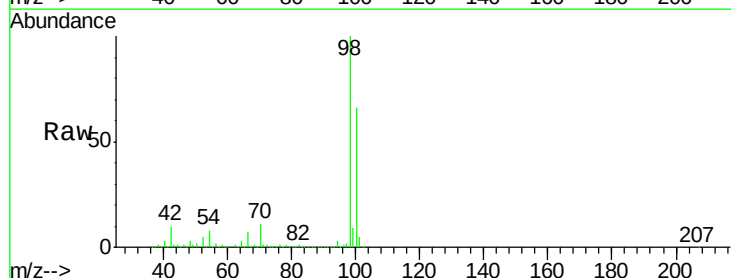
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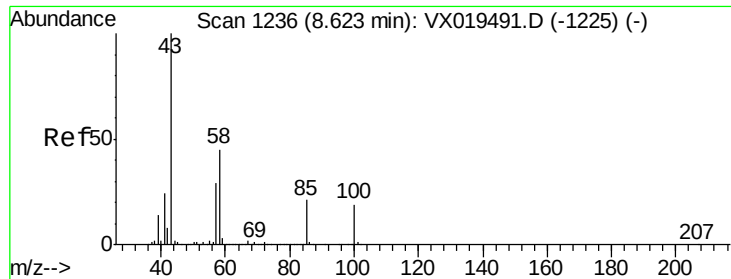
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#50
Toluene-d8
Concen: 49.454 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 101.752 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD02

Tot Ion: 43 Resp: 375627

Ion Ratio Lower Upper

43 100

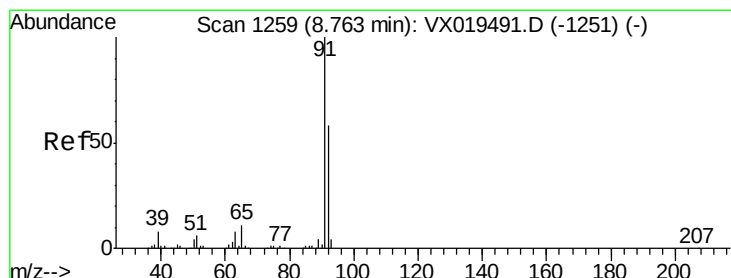
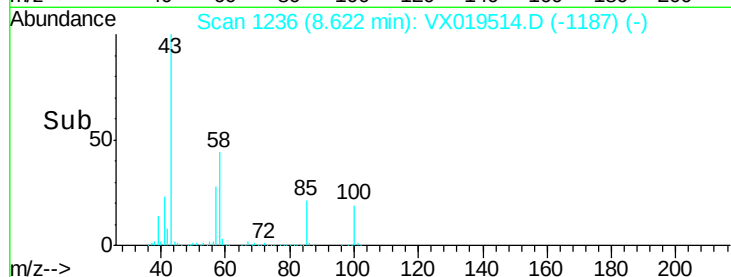
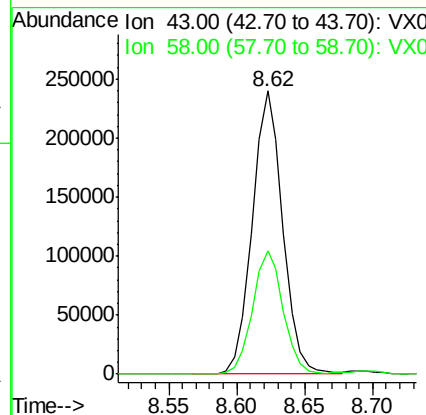
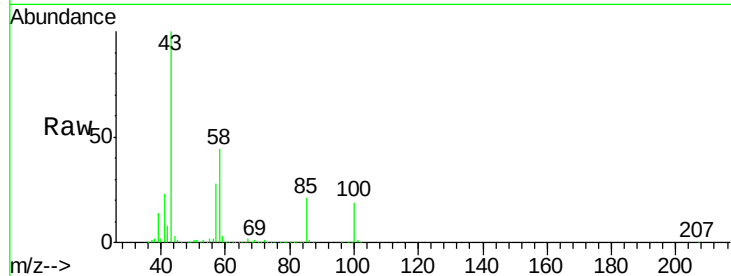
58 43.7 35.1 52.7

Manual Integrations

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#52

Toluene

Concen: 19.042 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019514.D

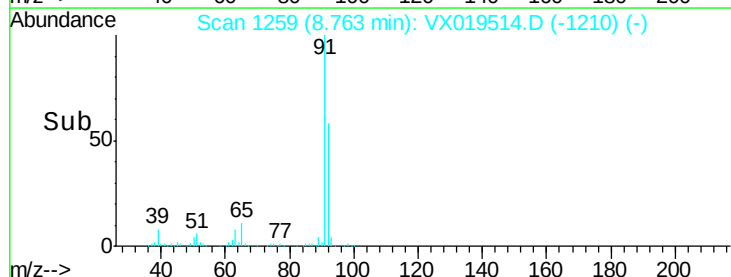
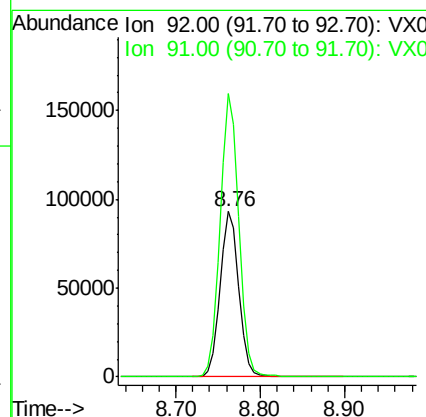
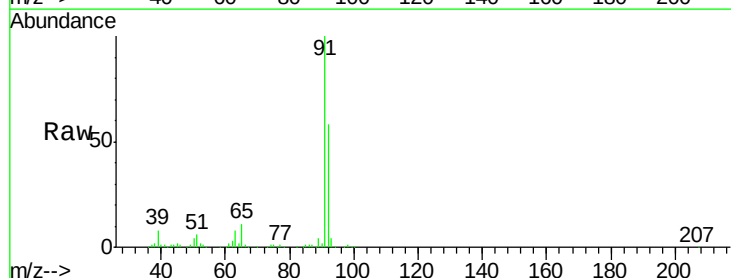
Acq: 21 Nov 2020 00:03

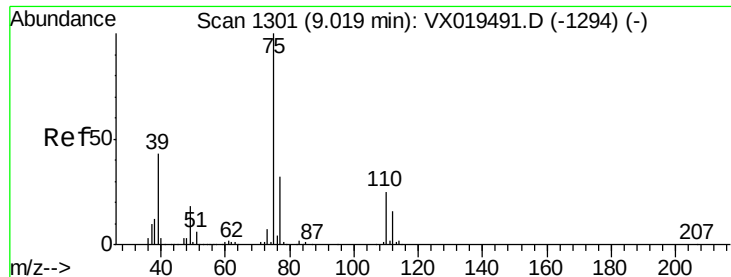
Tgt Ion: 92 Resp: 143576

Ion Ratio Lower Upper

92 100

91 171.5 138.1 207.1





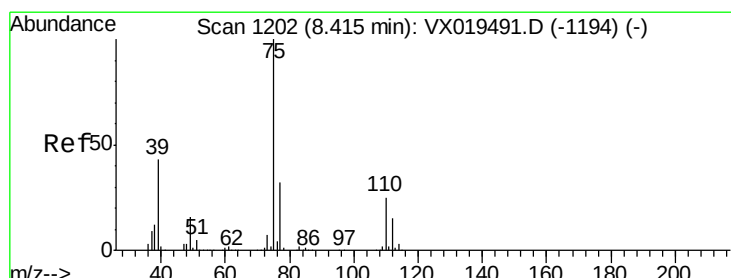
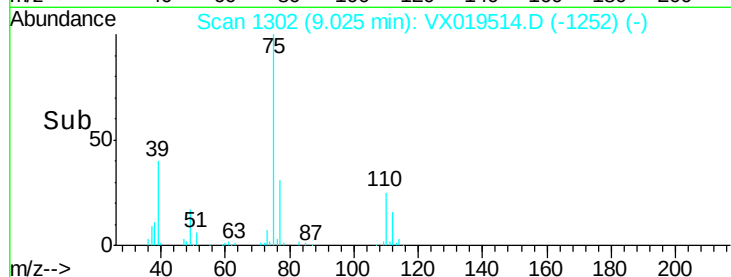
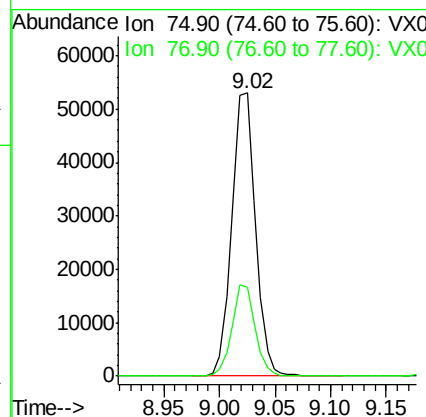
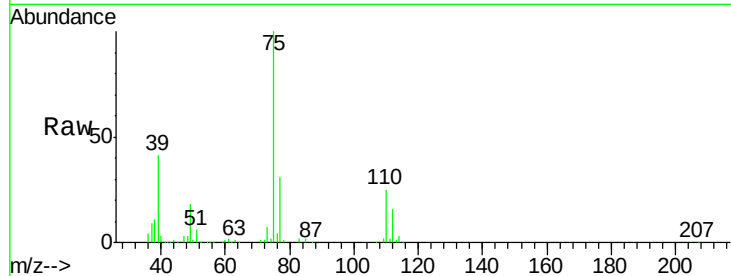
#53
t-1,3-Dichloropropene
Concen: 18.016 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.01 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD02

Tot Ion: 75 Resp: 78409
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9

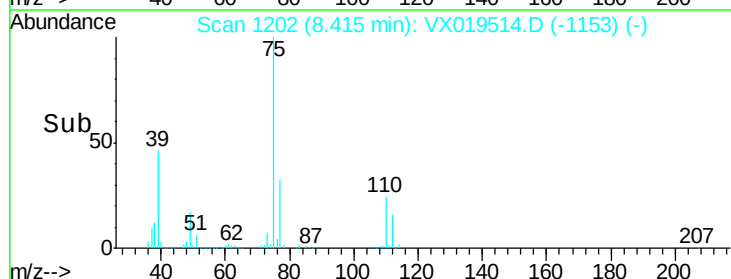
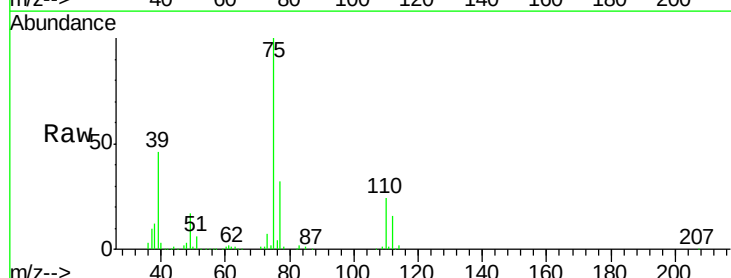
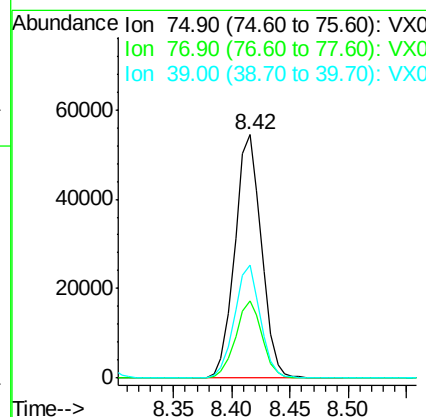
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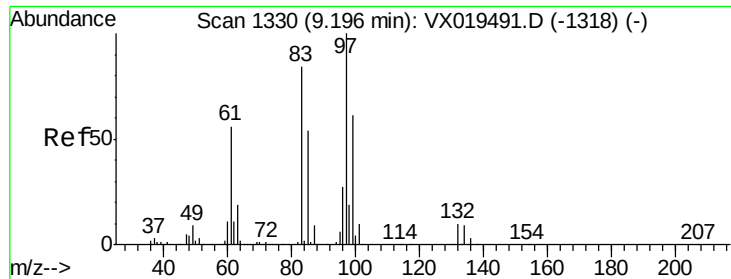
MMDadoda
11/23/2020 3:51:21 PM



#54
cis-1,3-Dichloropropene
Concen: 17.954 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Tgt Ion: 75 Resp: 86717
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.6
39 46.2 34.6 51.8





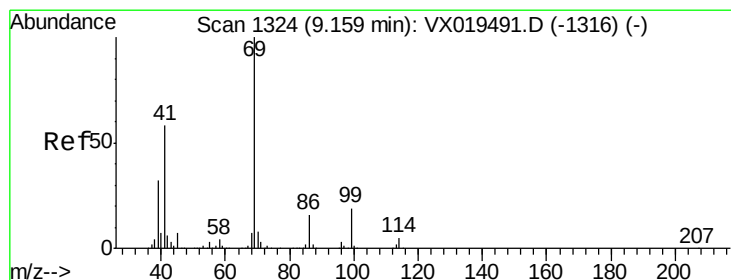
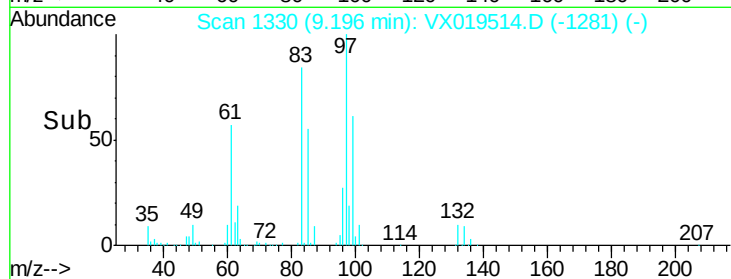
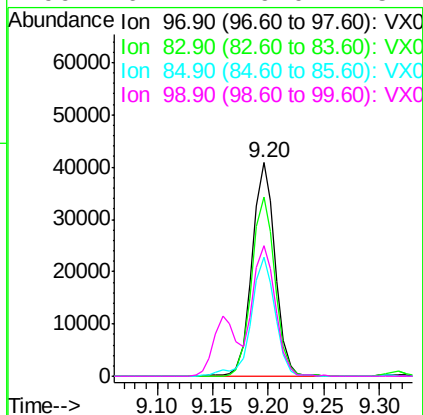
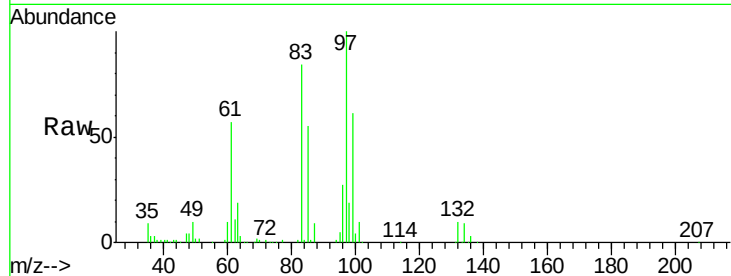
#55
 1,1,2-Trichloroethane
 Concen: 19.203 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD02

Tot Ion:	97	Resp:	58967
Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.0	100.6
85	55.5	43.4	65.0
99	61.4	49.0	73.4

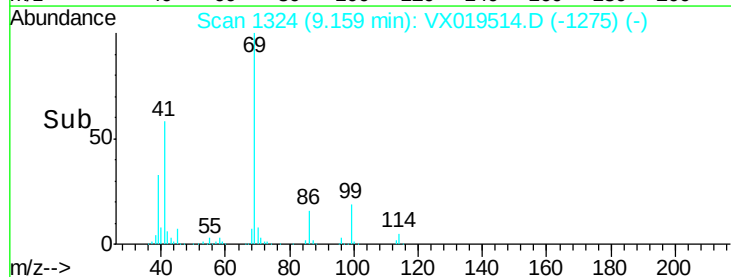
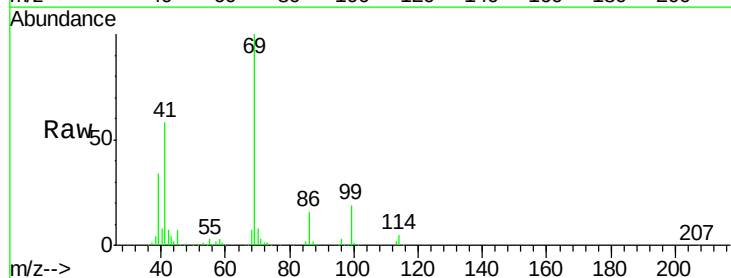
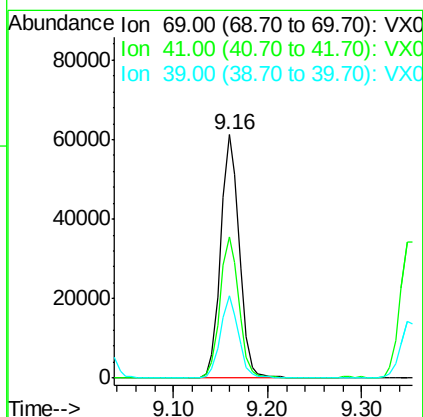
Manual Integrations
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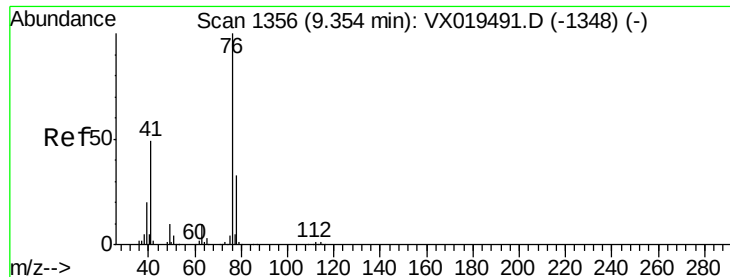
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#56
 Ethyl methacrylate
 Concen: 19.419 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

Tgt Ion:	69	Resp:	84379
Ion	Ratio	Lower	Upper
69	100		
41	58.4	46.2	69.2
39	32.7	25.5	38.3





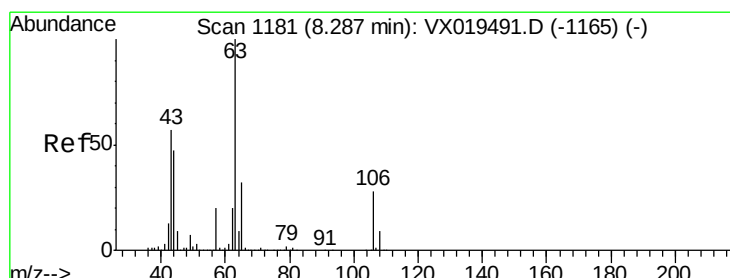
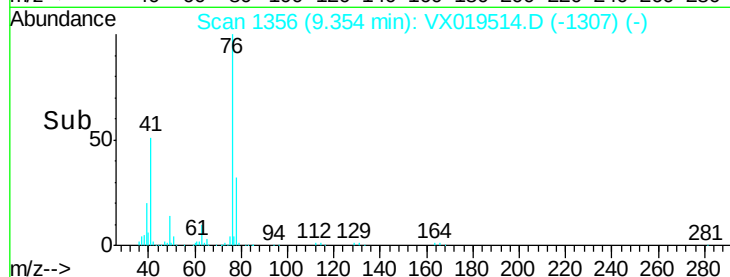
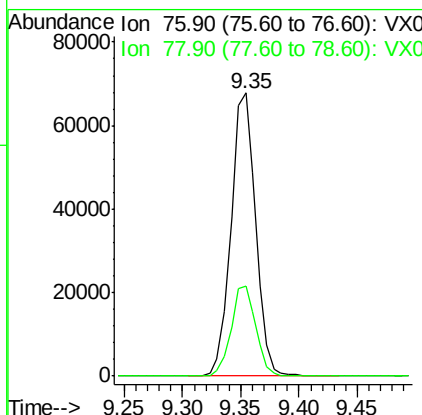
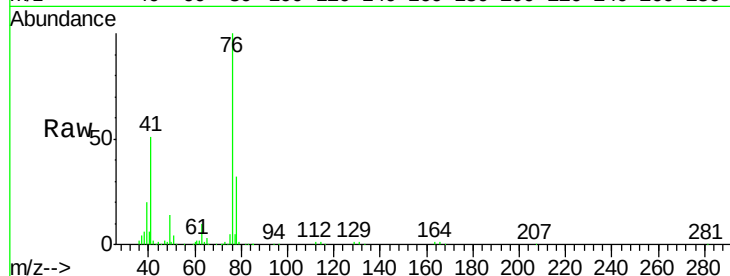
#57
 1,3-Dichloropropane
 Concen: 19.388 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.7	38.5

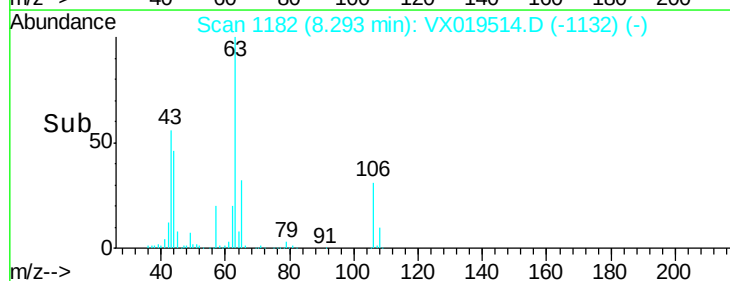
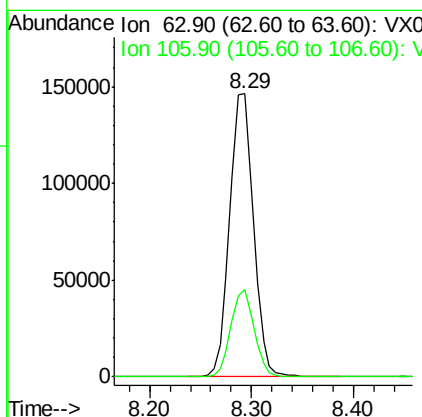
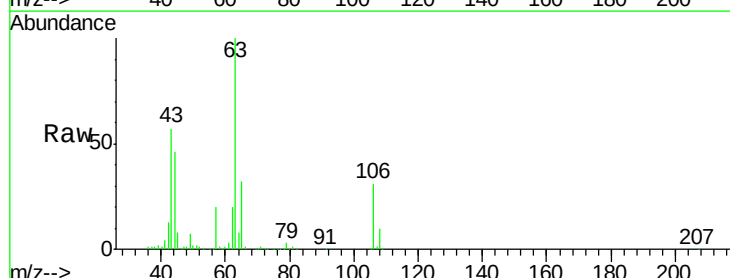
Manual Integrations
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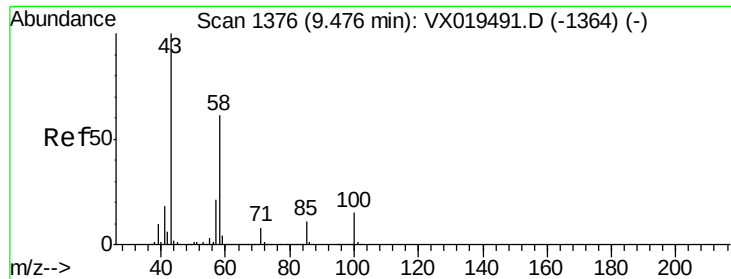
MMDadoda
 11/23/2020 3:51:21 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.868 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.0	23.7	35.5





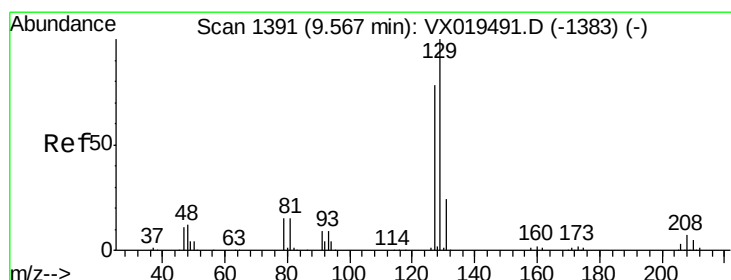
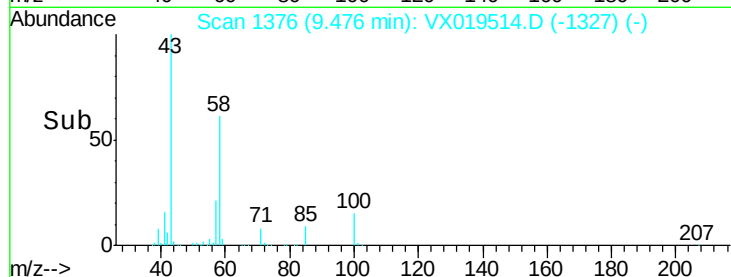
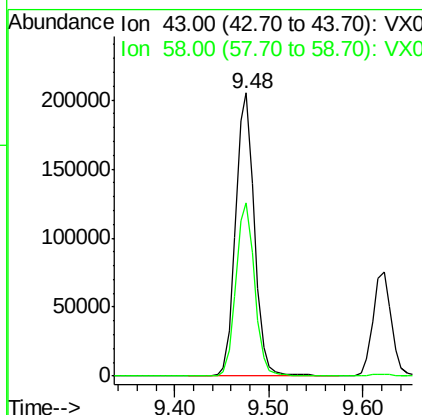
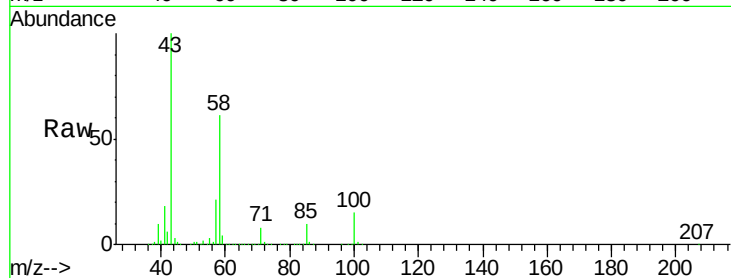
#59
2-Hexanone
Concen: 100.875 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.2	30.6	91.6

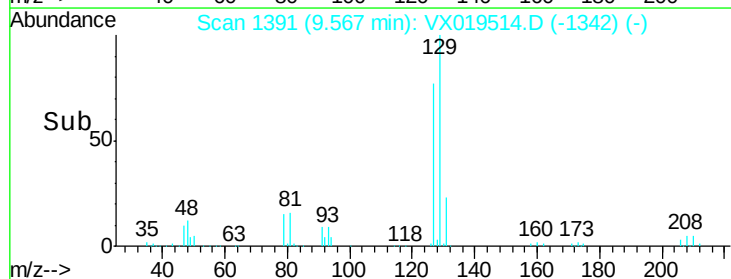
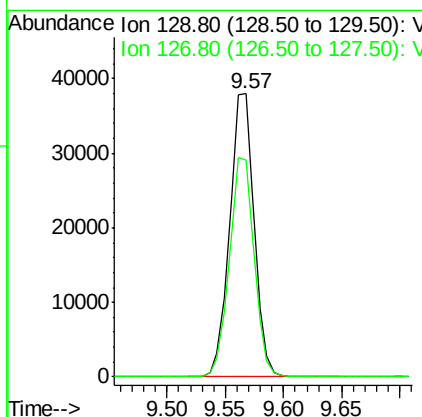
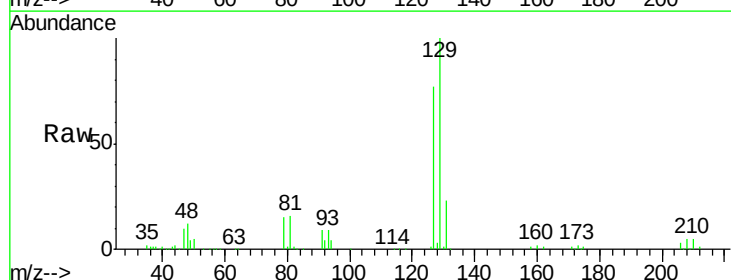
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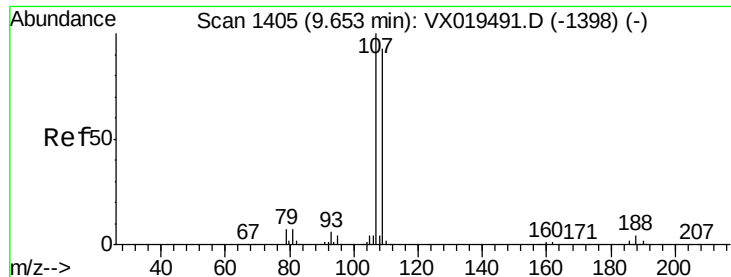
MMDadoda
11/23/2020 3:51:21 PM



#60
Dibromochloromethane
Concen: 18.553 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.4	39.0	116.9





#61

1,2-Dibromoethane

Concen: 19.090 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD02

Tot Ion: 107 Resp: 60427

Ion Ratio Lower Upper

107 100

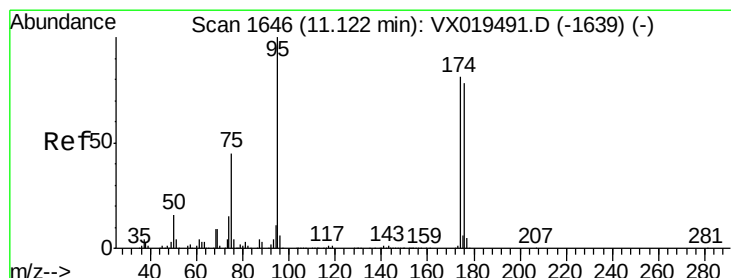
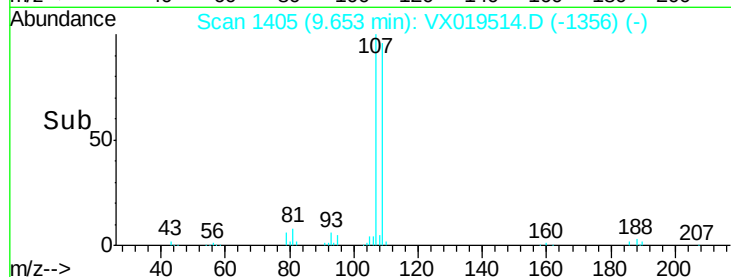
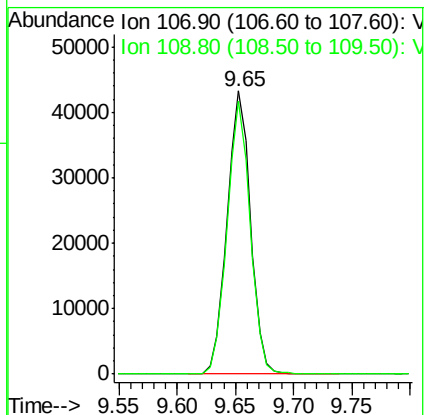
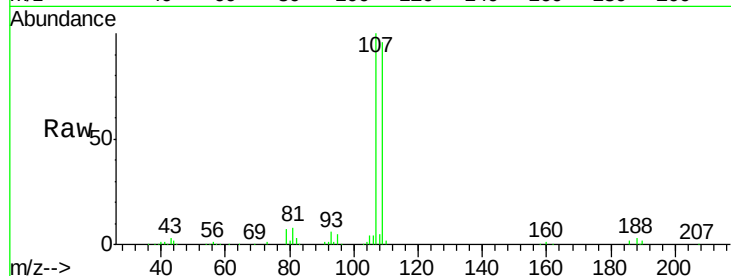
109 95.2 74.8 112.2

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#62

4-Bromofluorobenzene

Concen: 49.060 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

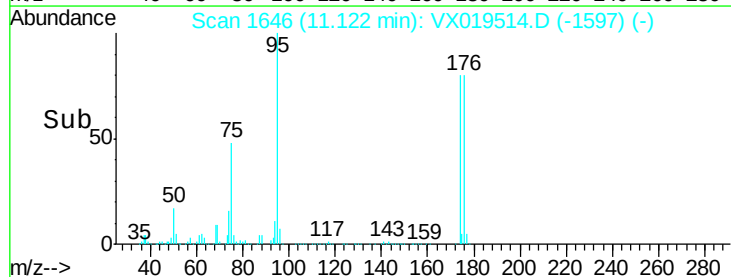
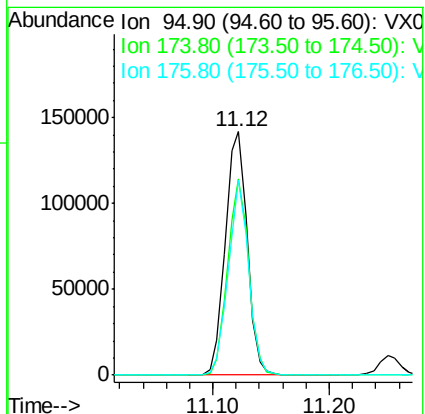
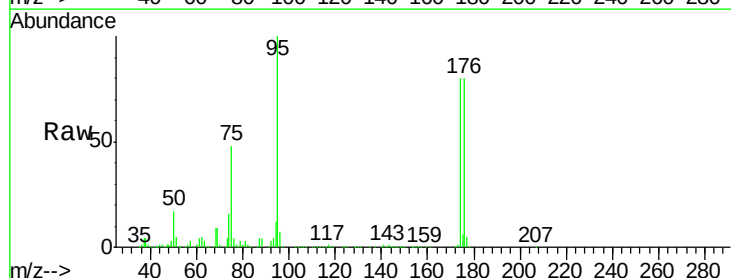
Tgt Ion: 95 Resp: 184226

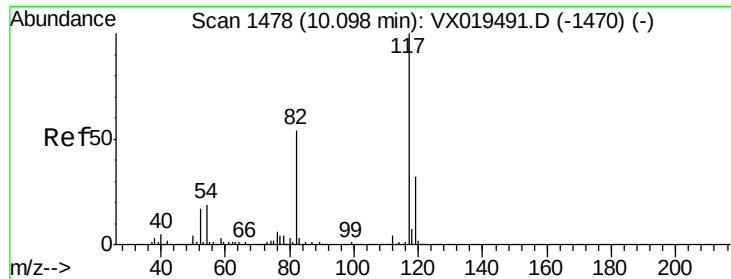
Ion Ratio Lower Upper

95 100

174 78.0 0.0 156.2

176 74.6 0.0 151.4





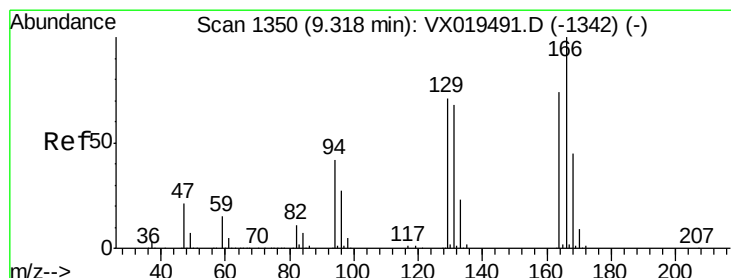
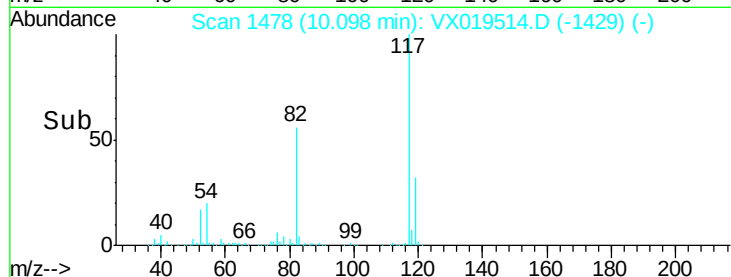
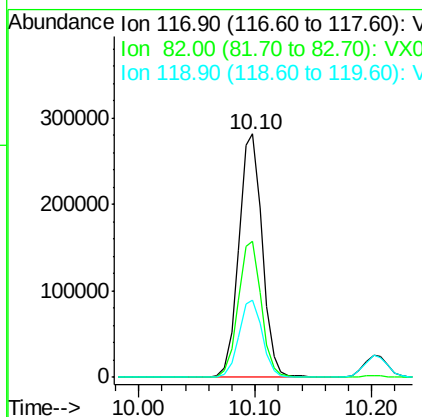
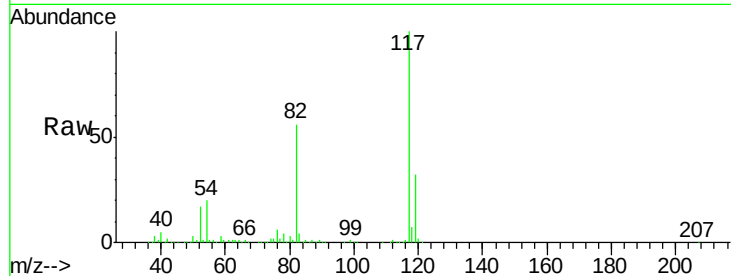
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	394125		
82	55.8	43.0	64.4	
119	31.8	25.6	38.4	

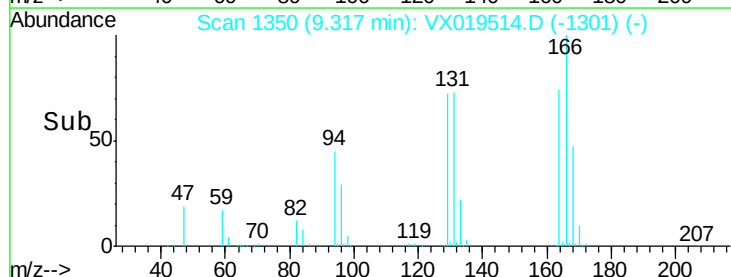
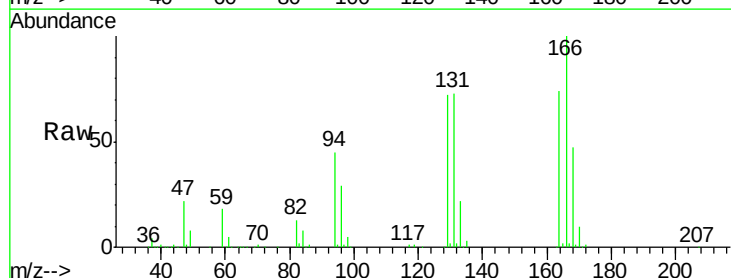
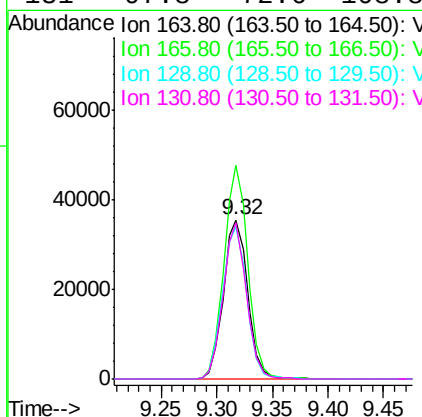
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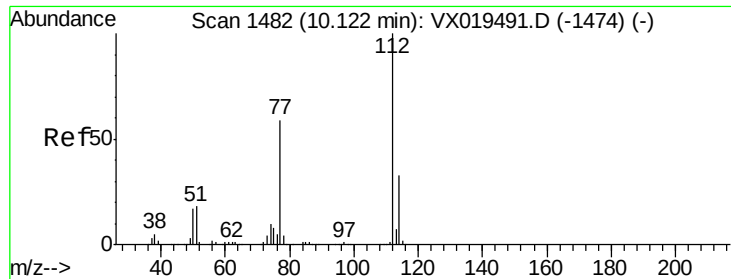
MMDadoda
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#64
Tetrachloroethene
Concen: 17.329 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	53687		
166	134.2	107.4	161.0	
129	96.1	76.6	114.8	
131	97.8	72.6	108.8	





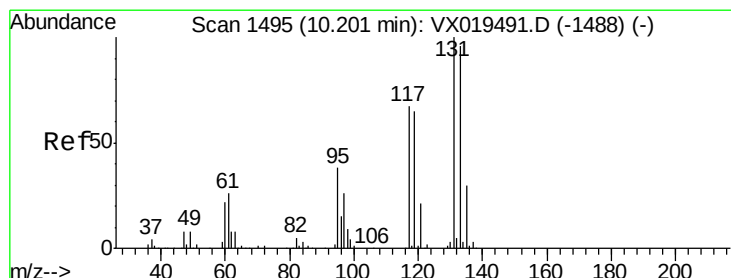
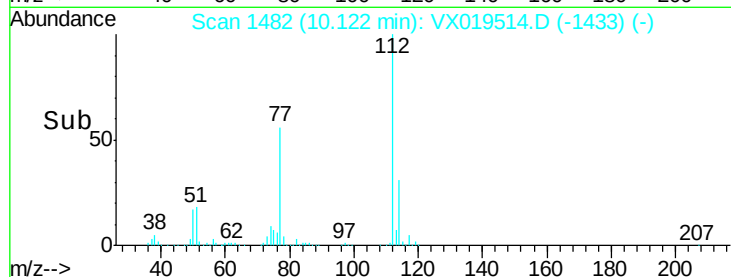
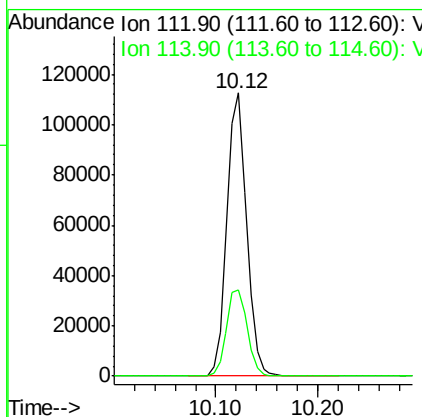
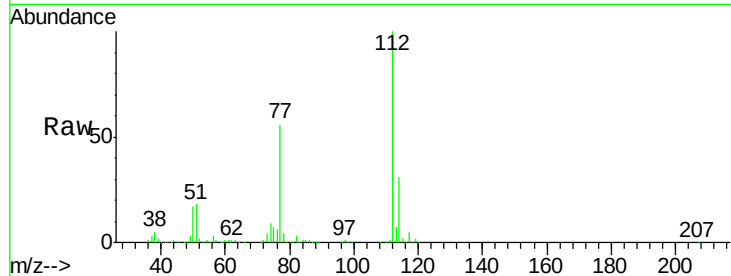
#65
Chlorobenzene
Concen: 18.516 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD02

Tot Ion:112 Resp: 150039
Ion Ratio Lower Upper
112 100
114 30.7 26.0 39.0

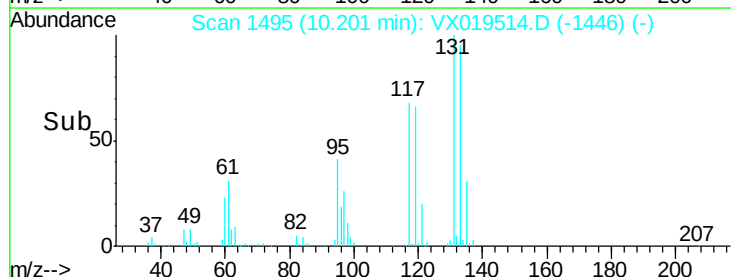
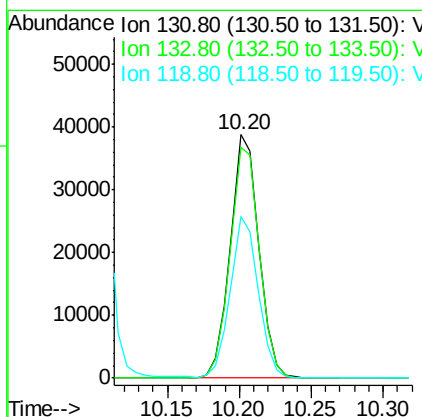
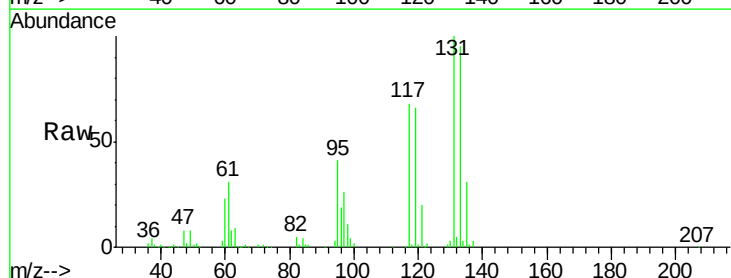
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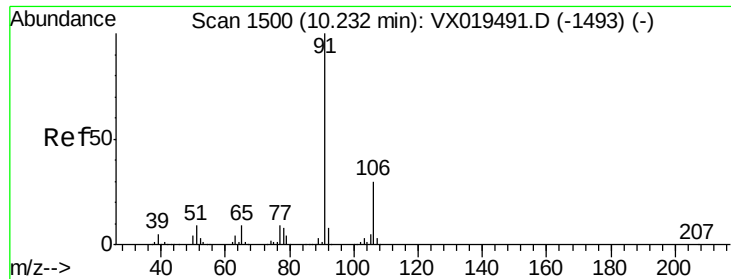
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.385 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Tgt Ion:131 Resp: 54189
Ion Ratio Lower Upper
131 100
133 96.9 48.5 145.5
119 65.1 33.0 99.0





#67

Ethyl Benzene

Concen: 18.690 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD02

Tot Ion: 91 Resp: 265313

Ion Ratio Lower Upper

91 100

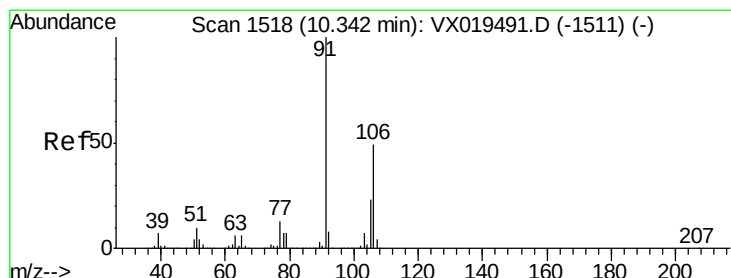
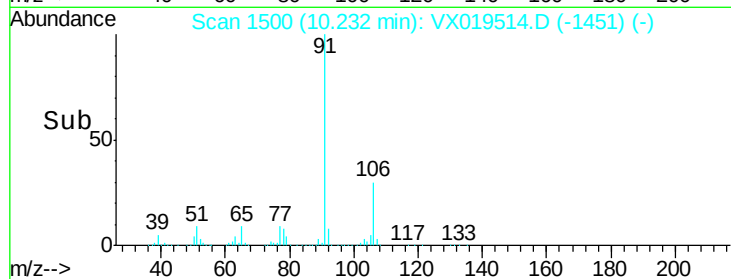
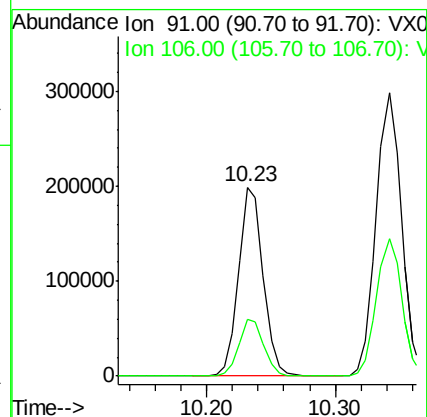
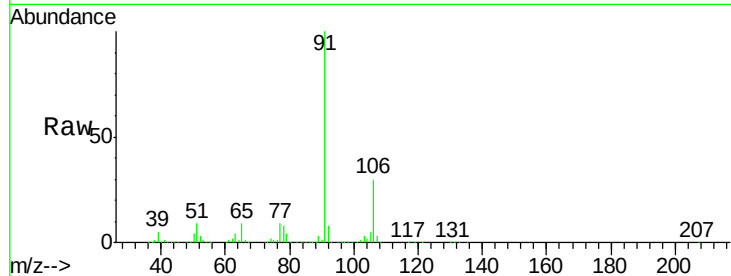
106 30.3 24.0 36.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 37.525 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019514.D

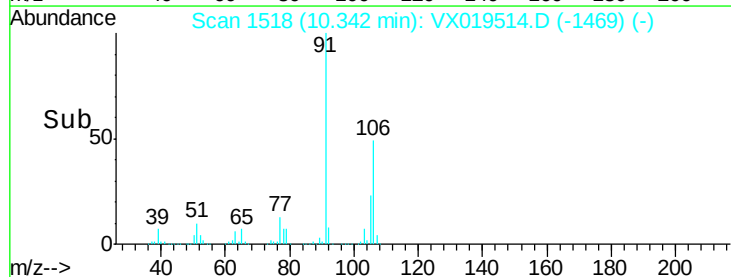
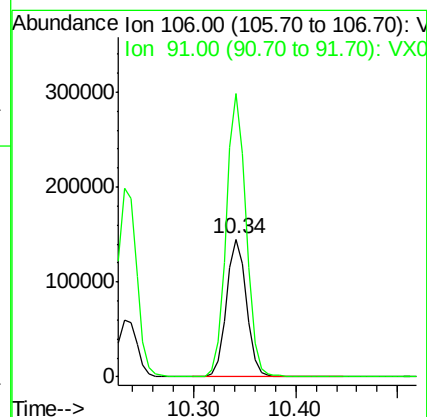
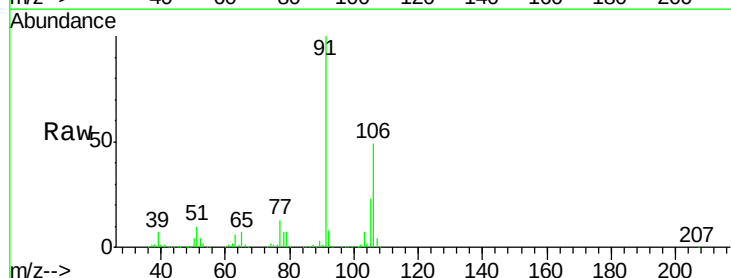
Acq: 21 Nov 2020 00:03

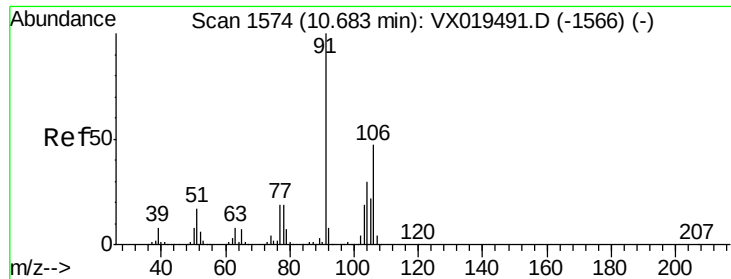
Tgt Ion: 106 Resp: 198460

Ion Ratio Lower Upper

106 100

91 204.2 163.3 244.9





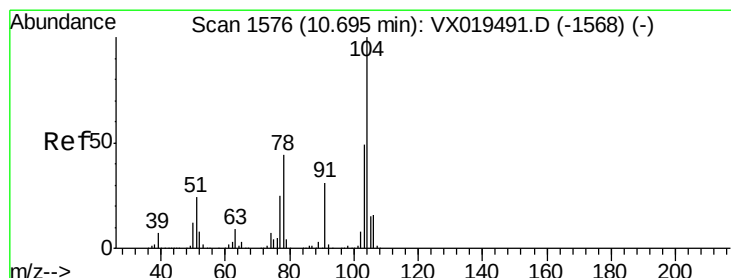
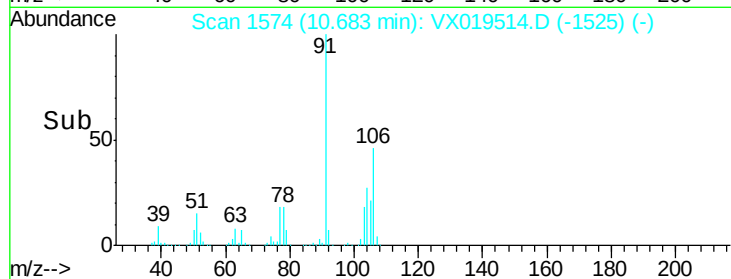
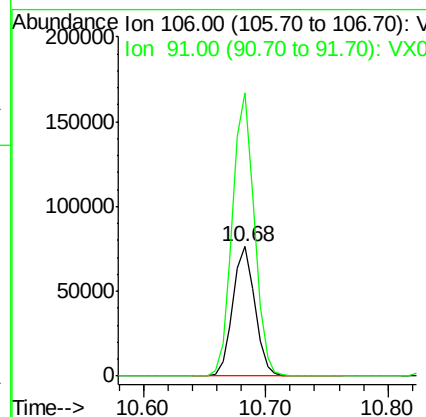
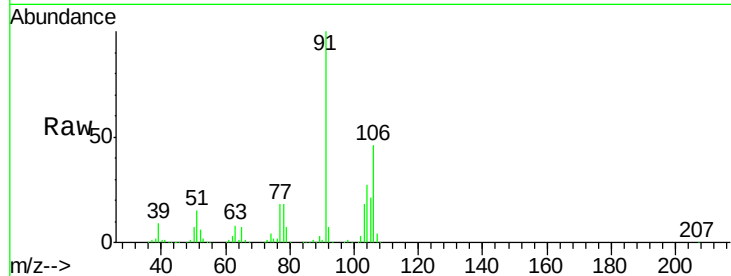
#69
o-Xylene
Concen: 18.852 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	95310		
91	91	217.2	108.0	324.0	

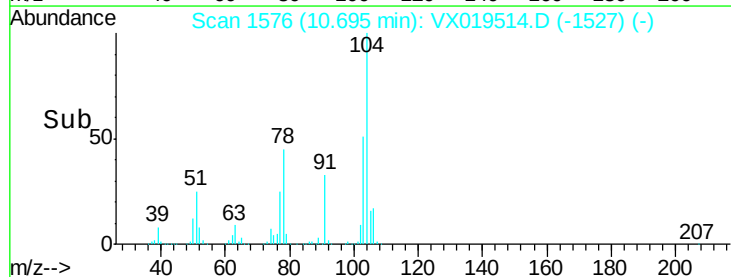
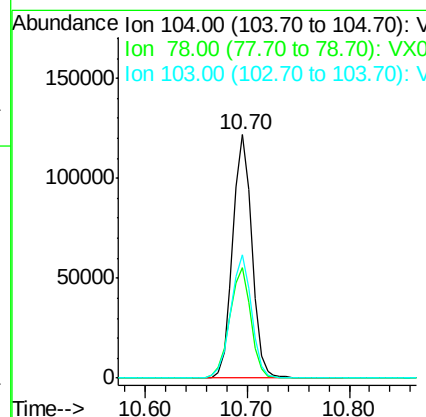
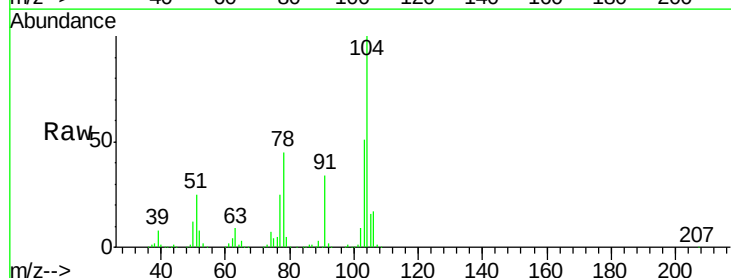
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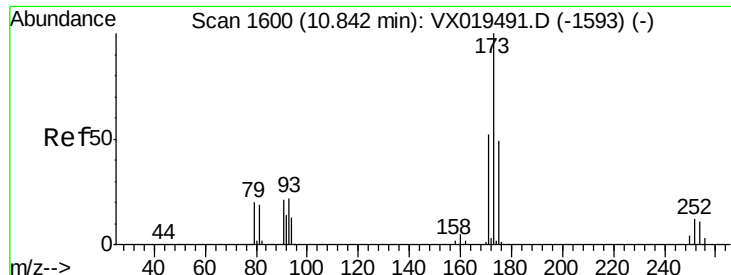
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#70
Styrene
Concen: 17.989 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	158153		
78	78	50.1	39.5	59.3	
103	103	54.9	43.6	65.4	





#71

Bromoform

Concen: 17.868 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD02

Tot Ion:173 Resp: 38385

Ion Ratio Lower Upper

173 100

175 49.7 24.9 74.8

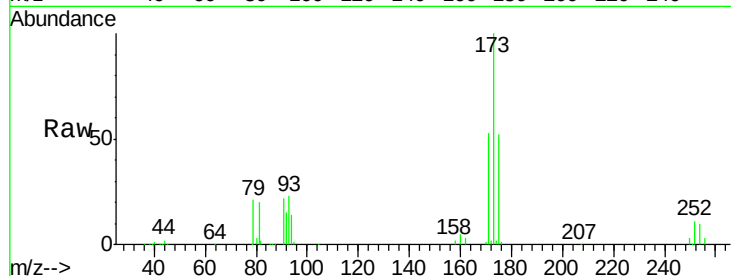
254 0.0 0.1 0.1#

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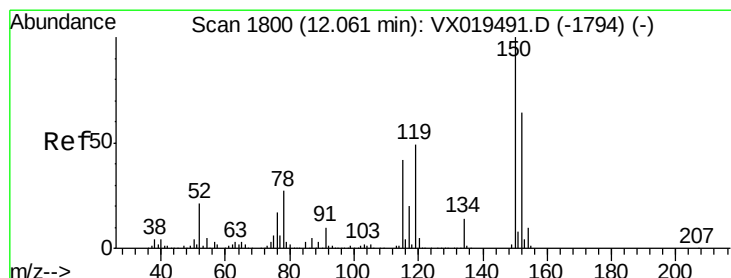
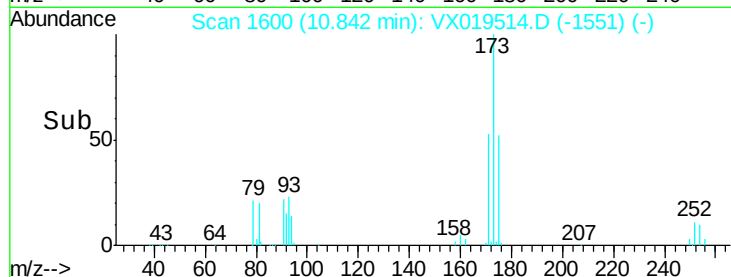
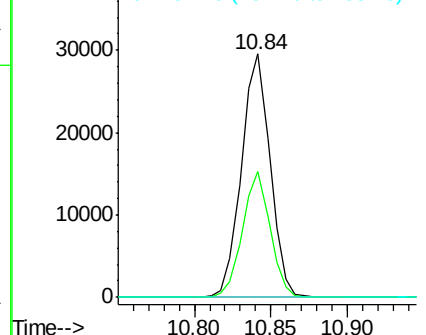
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

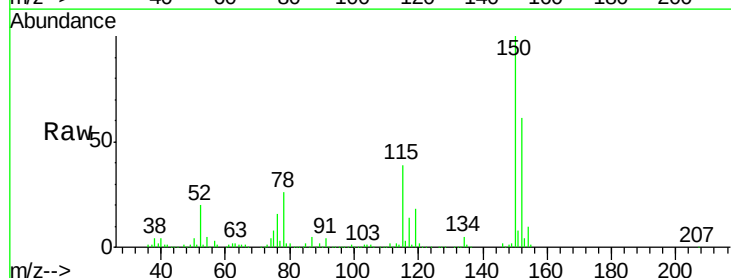
Tgt Ion:152 Resp: 183513

Ion Ratio Lower Upper

152 100

115 70.4 41.8 125.4

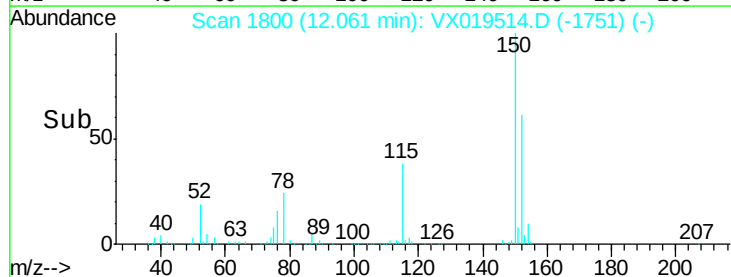
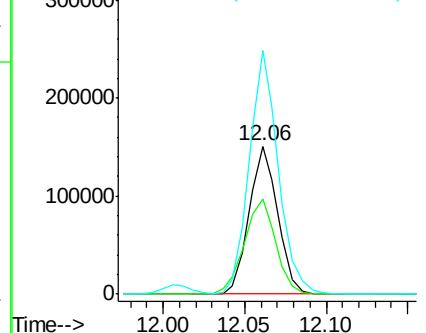
150 167.8 0.0 348.2

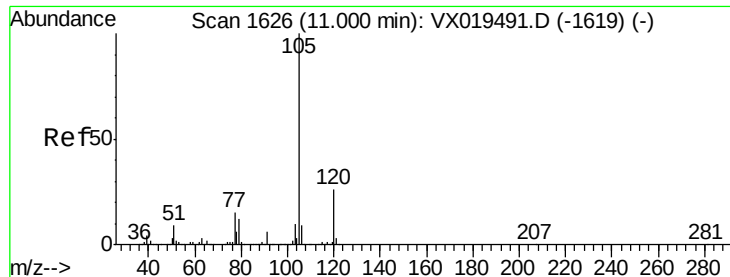


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.055 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD02

Tot Ion: 105 Resp: 254603

Ion Ratio Lower Upper

105 100

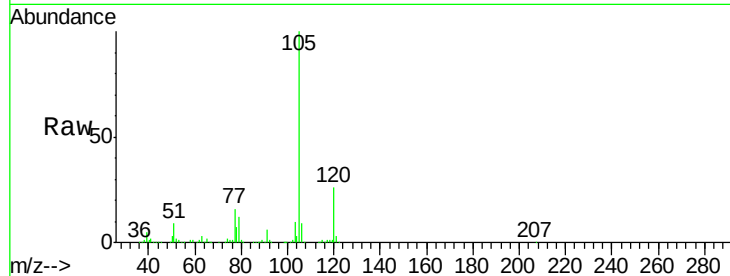
120 26.3 13.0 39.0

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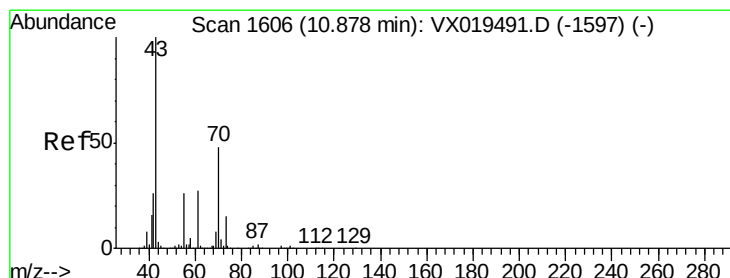
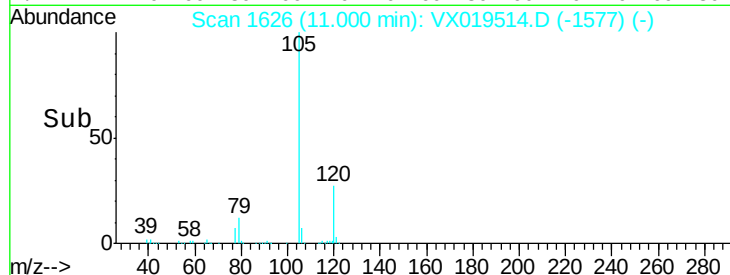
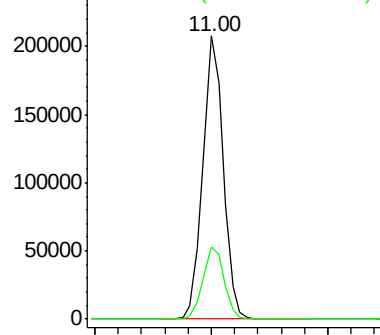
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.555 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Tgt Ion: 43 Resp: 97782

Ion Ratio Lower Upper

43 100

70 48.9 39.7 59.5

55 27.1 21.8 32.6

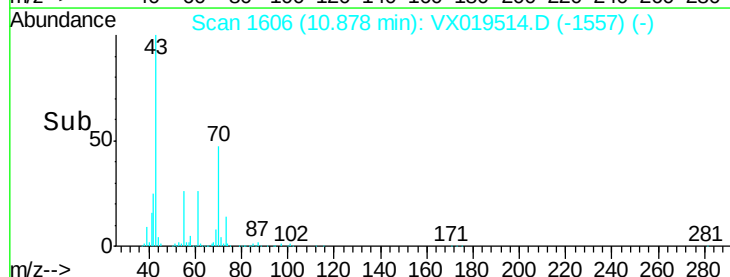
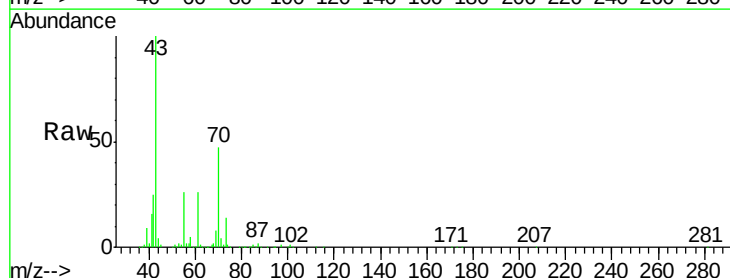
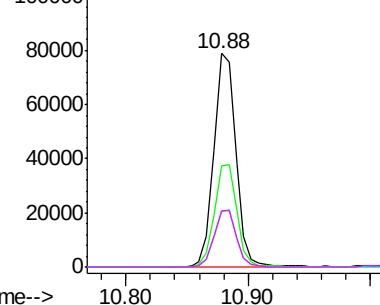
61 27.0 22.2 33.4

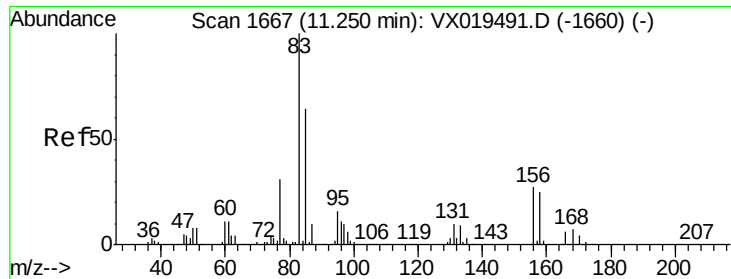
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.169 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

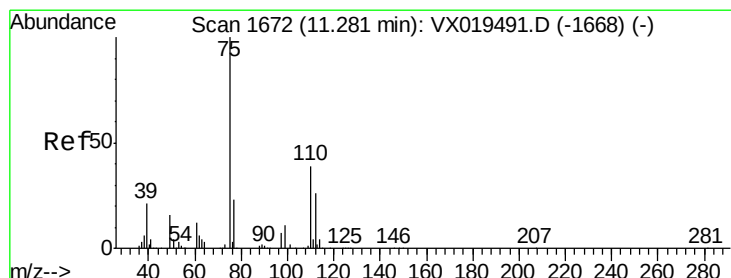
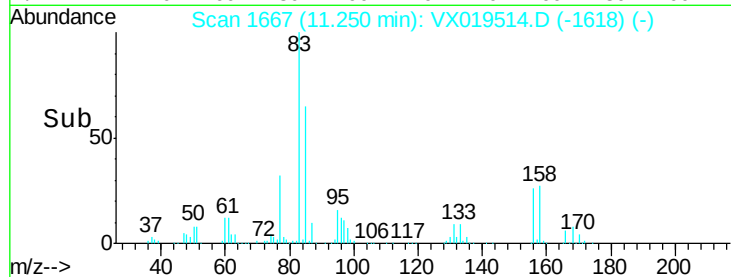
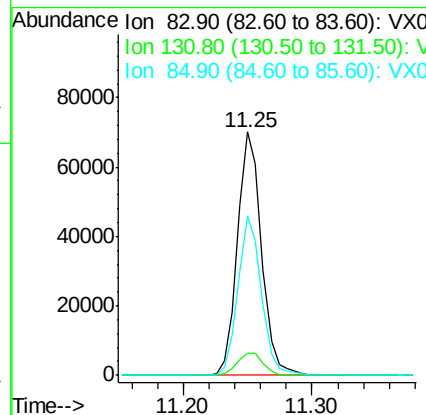
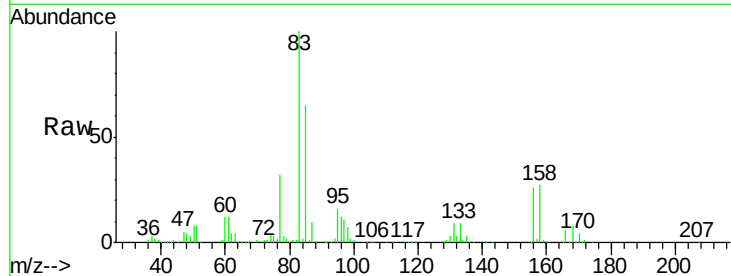
ClientSampleId :

VX1121WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	9.9	5.0	15.0	
85	64.1	32.4	97.2	

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#76

1,2,3-Trichloropropane

Concen: 20.265 ug/l m

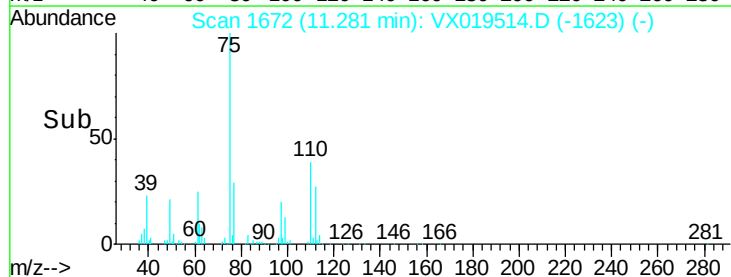
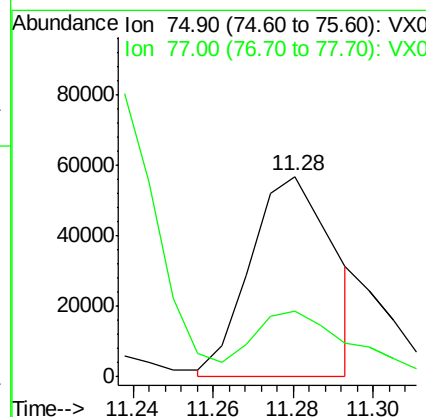
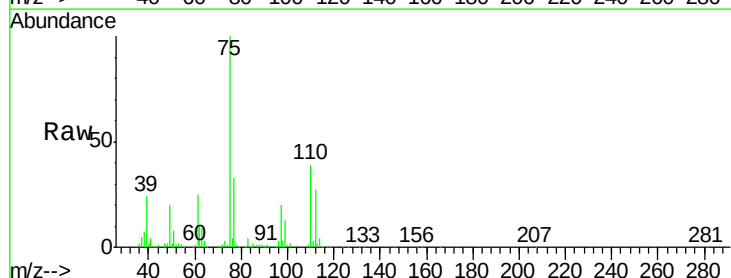
RT: 11.28 min Scan# 1672

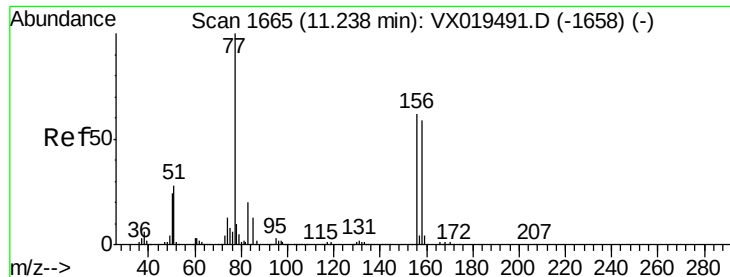
Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	38.8	20.0	60.0	





#77

Bromobenzene

Concen: 19.521 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

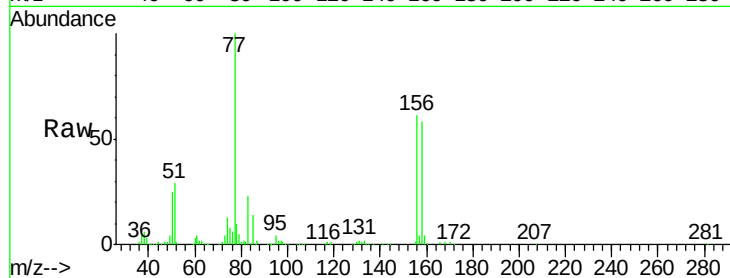
ClientSampleId :

VX1121WBSD02

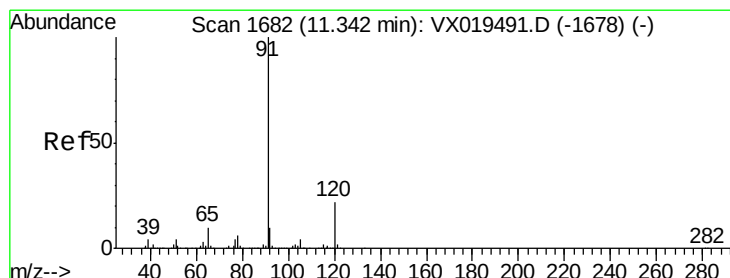
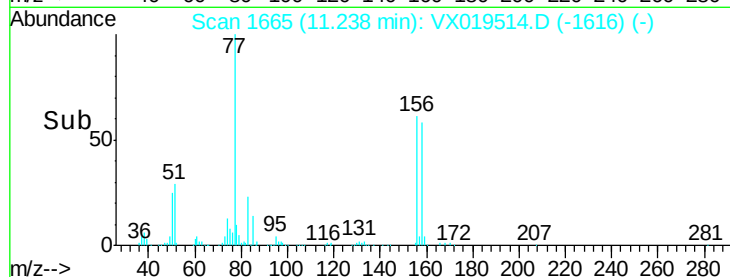
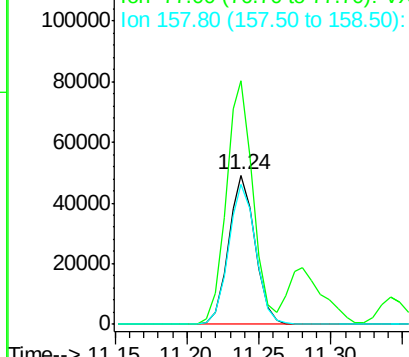
Tot Ion:	156	Resp:	63264
Ion	Ratio	Lower	Upper
156	100		
77	165.8	82.5	247.3
158	96.3	48.9	146.7

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.617 ug/l

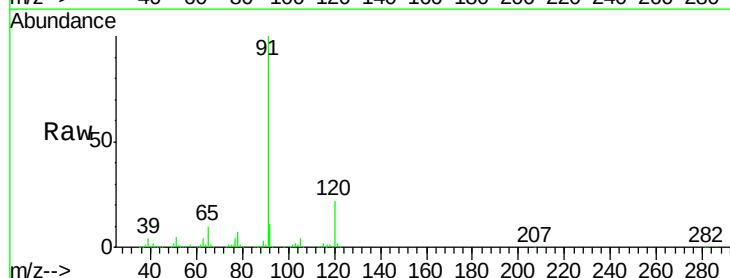
RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

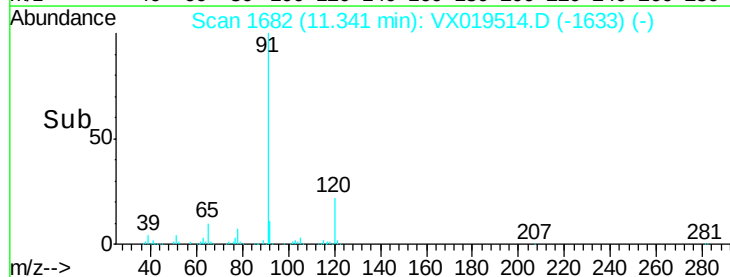
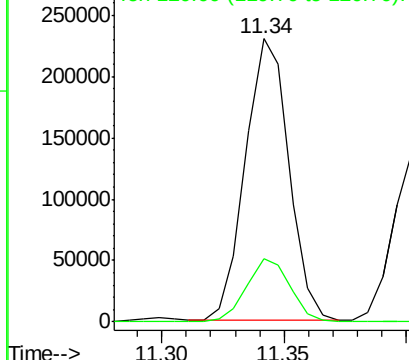
Lab File: VX019514.D

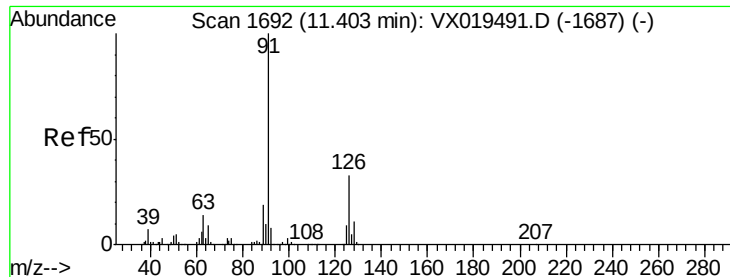
Acq: 21 Nov 2020 00:03

Tgt Ion:	91	Resp:	285696
Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.5	34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.071 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD02

Tot Ion: 91 Resp: 177277

Ion Ratio Lower Upper

91 100

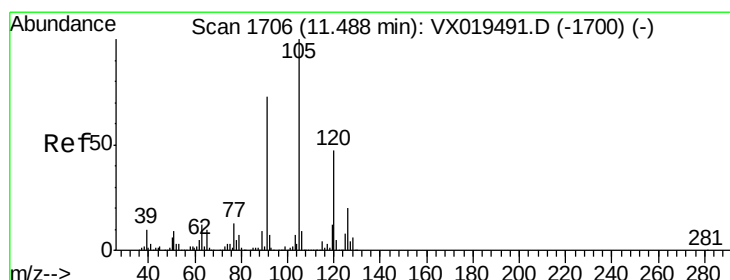
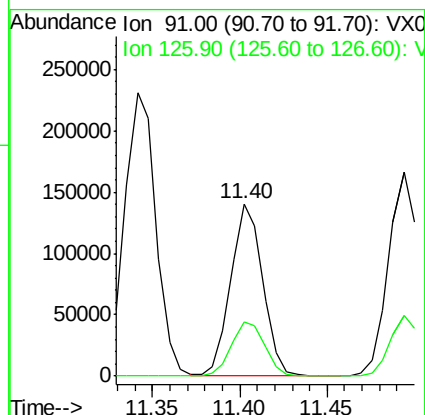
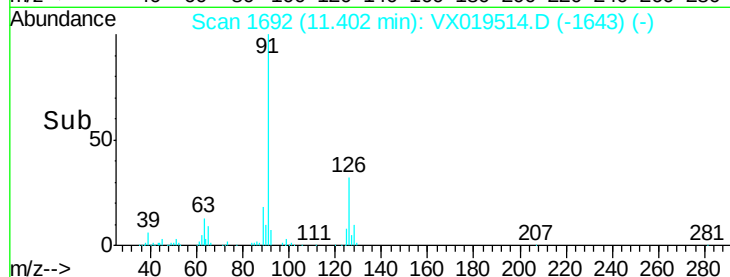
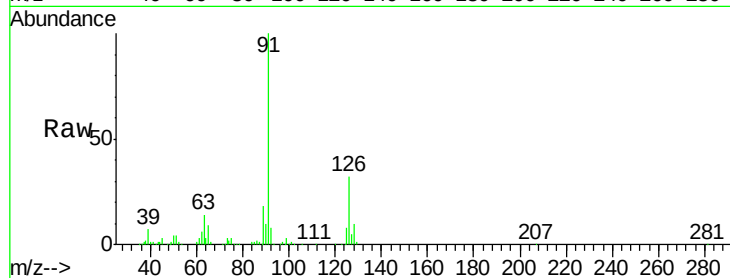
126 33.2 16.7 50.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.076 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019514.D

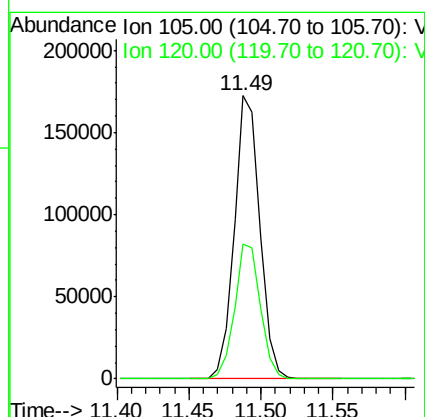
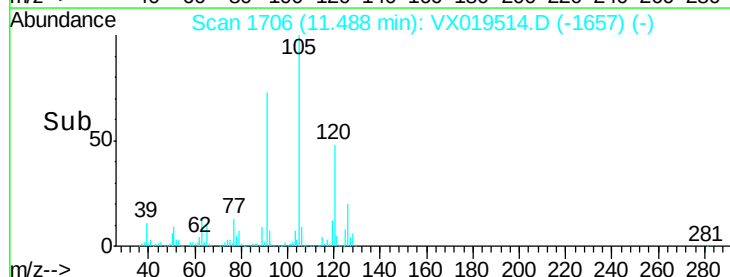
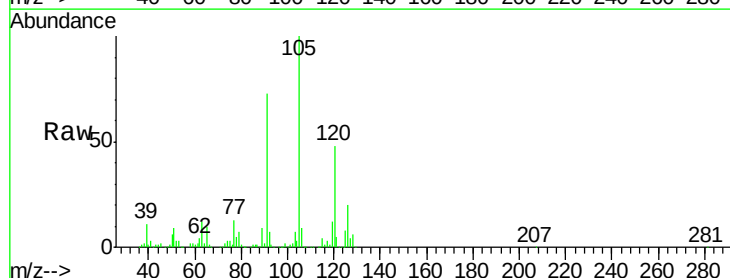
Acq: 21 Nov 2020 00:03

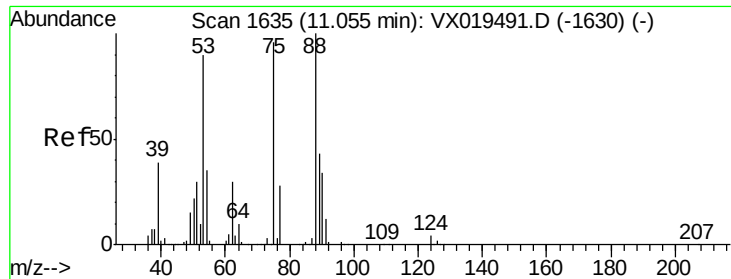
Tgt Ion: 105 Resp: 213796

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.3





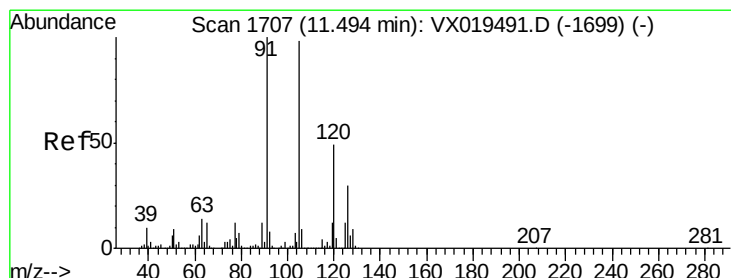
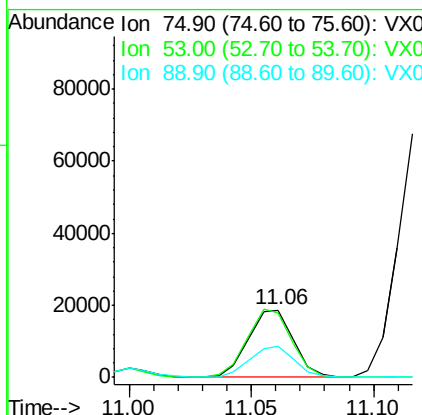
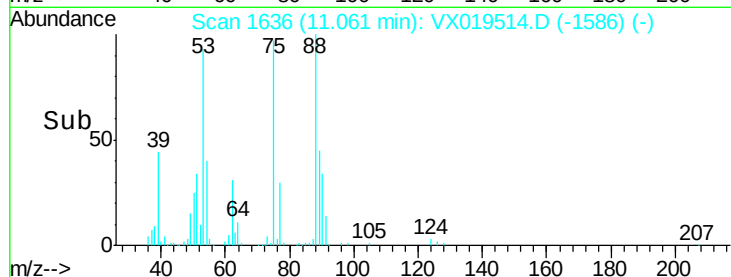
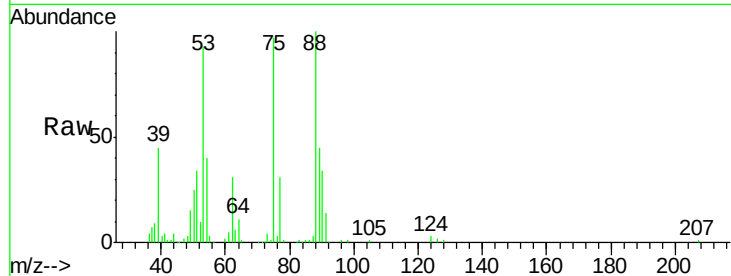
#81
trans-1,4-Dichloro-2-butene
Concen: 19.026 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.4	73.9	110.9
89	45.6	37.3	55.9

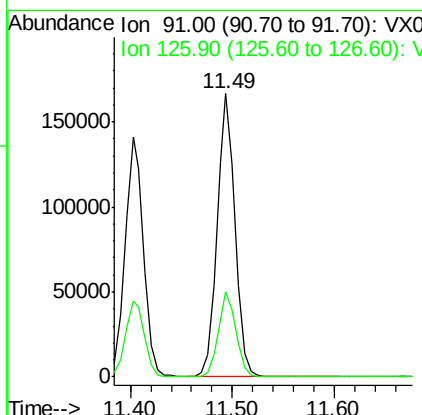
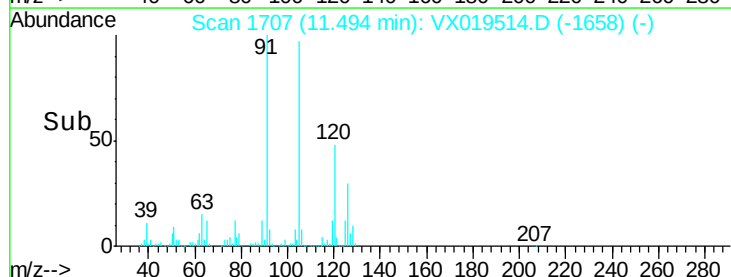
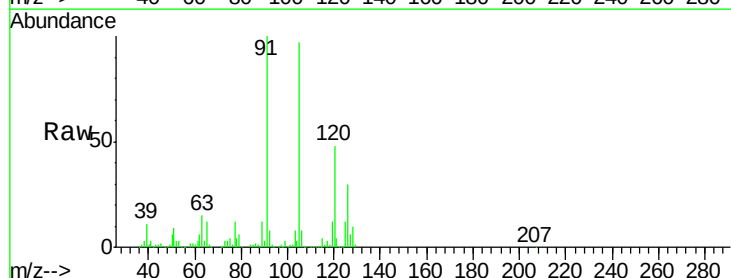
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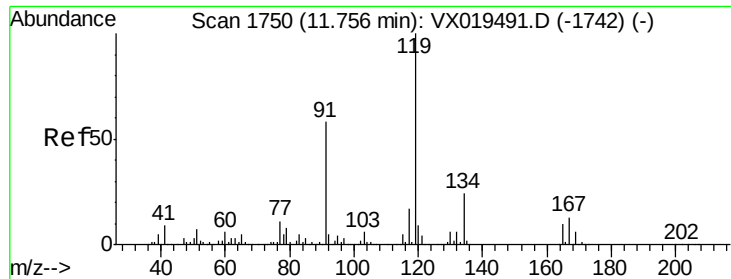
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#82
4-Chlorotoluene
Concen: 19.712 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.6	14.9	44.7





#83

tert-Butylbenzene

Concen: 20.004 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

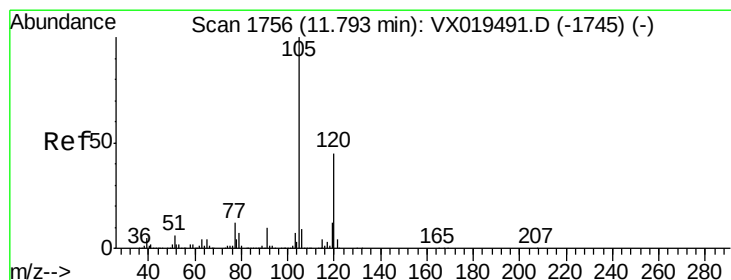
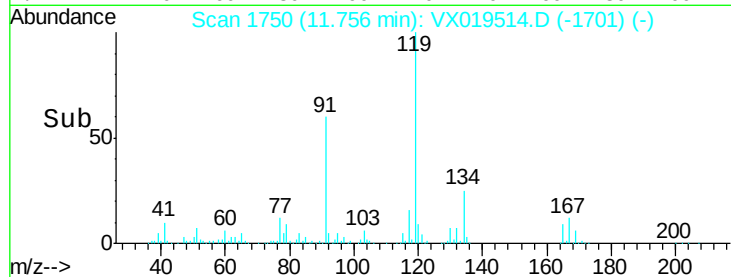
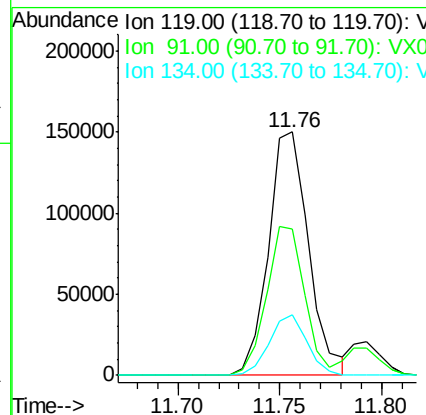
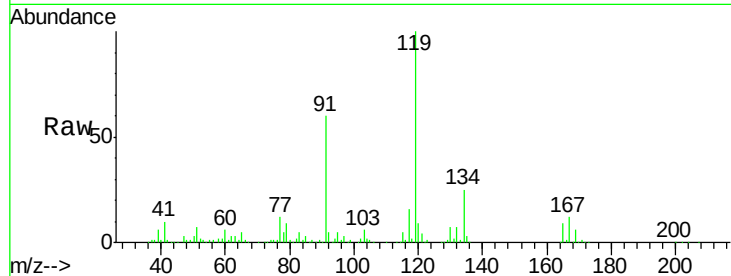
ClientSampleId :

VX1121WBSD02

Tot Ion:	119	Resp:	206100
Ion Ratio	Lower	Upper	
119	100		
91	58.0	28.9	86.8
134	23.2	11.7	35.0

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#84

1,2,4-Trimethylbenzene

Concen: 20.020 ug/l

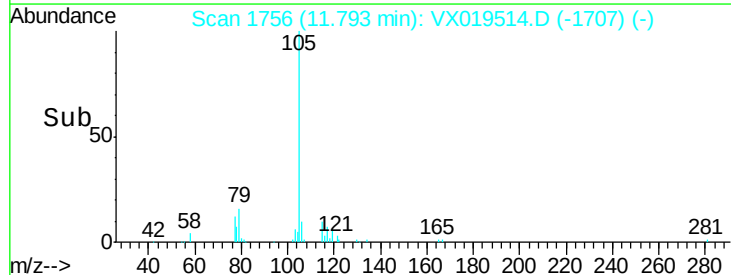
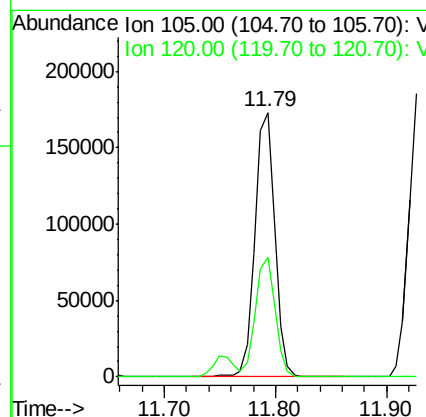
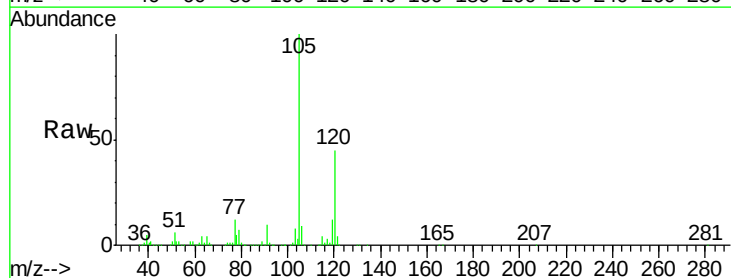
RT: 11.79 min Scan# 1756

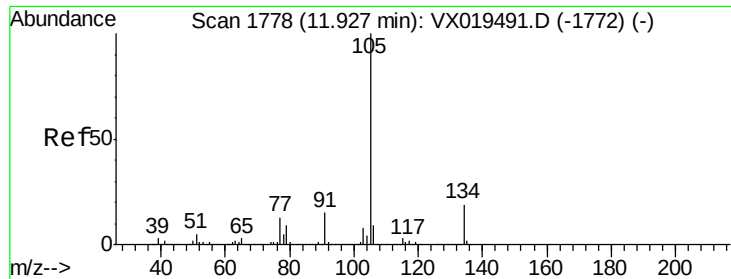
Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Tgt Ion:	105	Resp:	215723
Ion Ratio	Lower	Upper	
105	100		
120	44.5	22.2	66.6





#85

sec-Butylbenzene

Concen: 19.679 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD02

Tot Ion:105 Resp: 241210

Ion Ratio Lower Upper

105 100

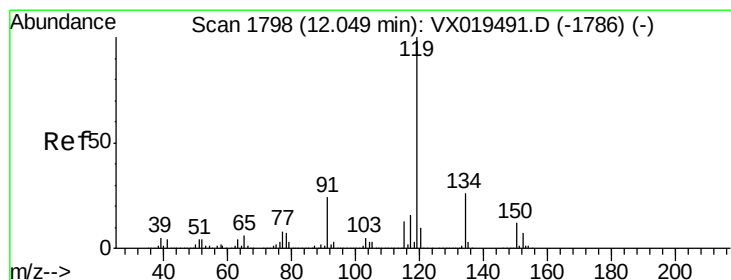
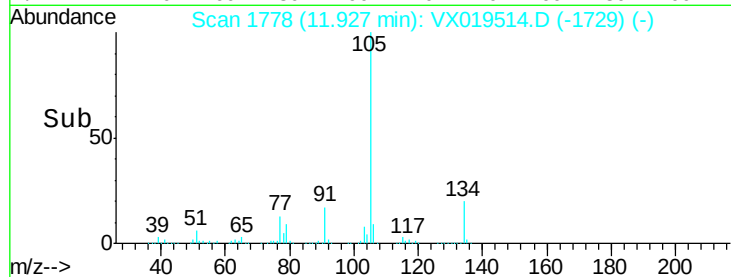
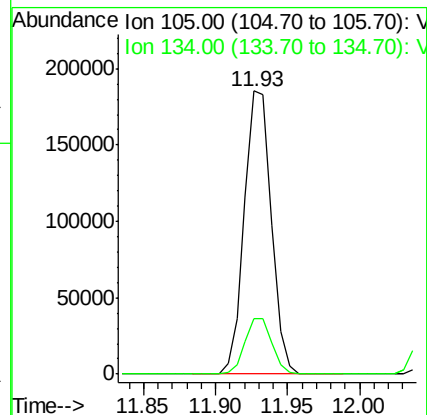
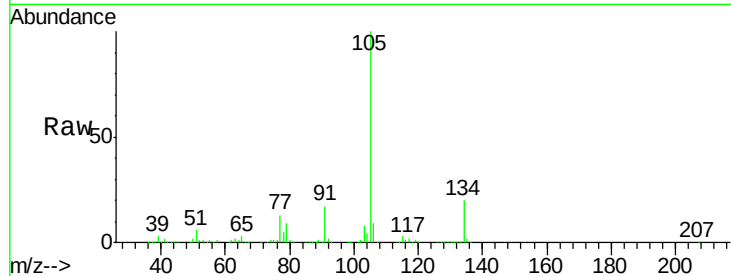
134 19.7 10.1 30.3

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 19.458 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

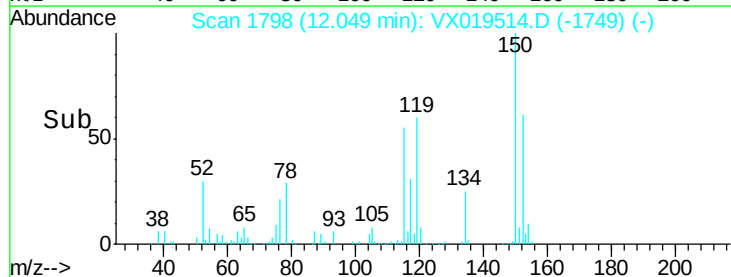
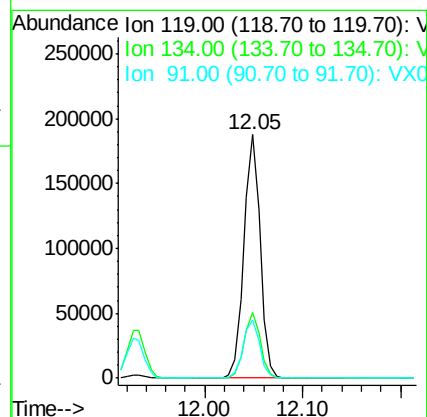
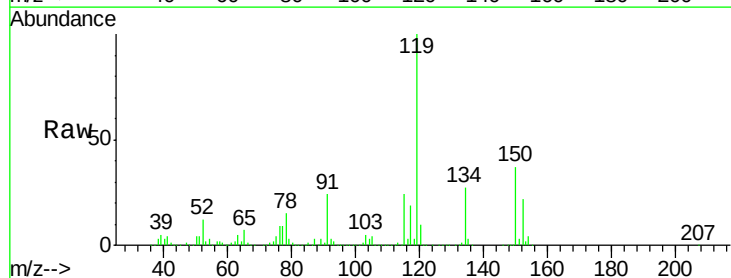
Tgt Ion:119 Resp: 216536

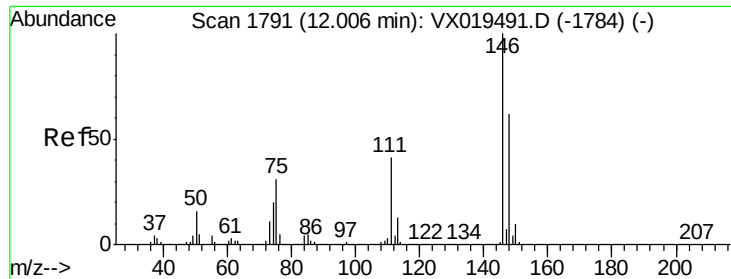
Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

91 24.3 11.8 35.4





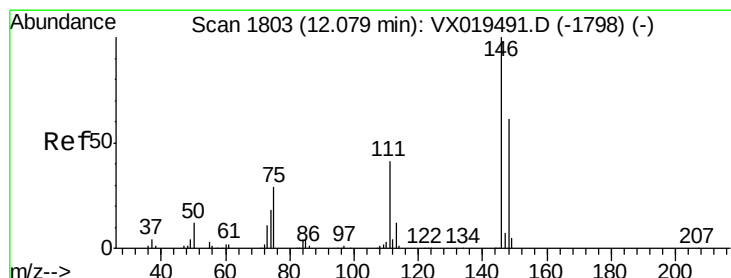
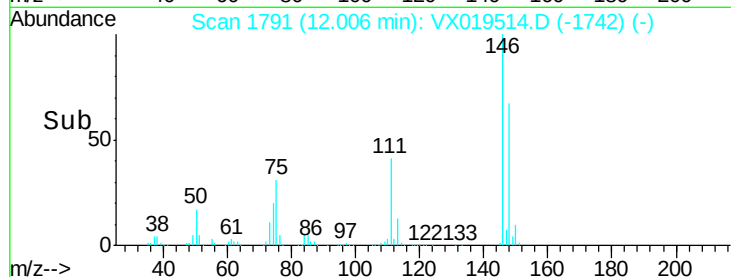
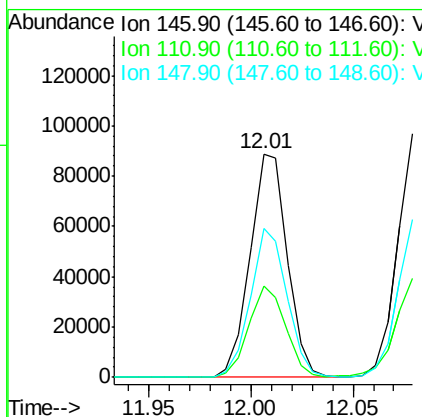
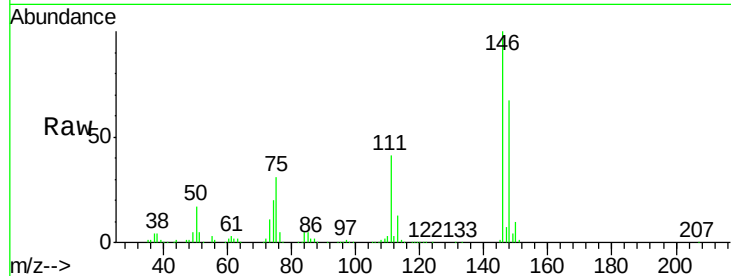
#87
 1,3-Dichlorobenzene
 Concen: 19.032 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.2	60.6
148	65.4	31.4	94.2

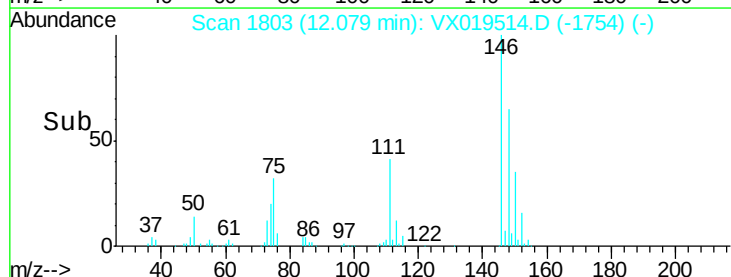
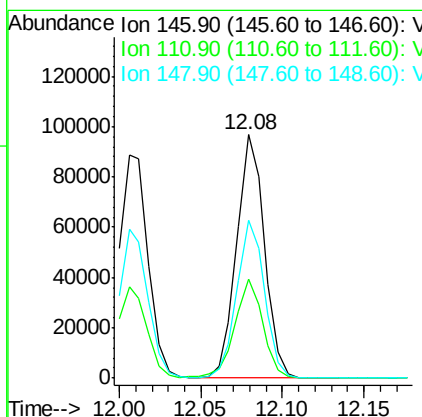
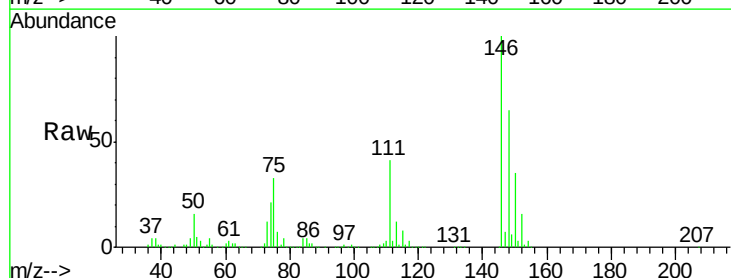
Manual Integrations
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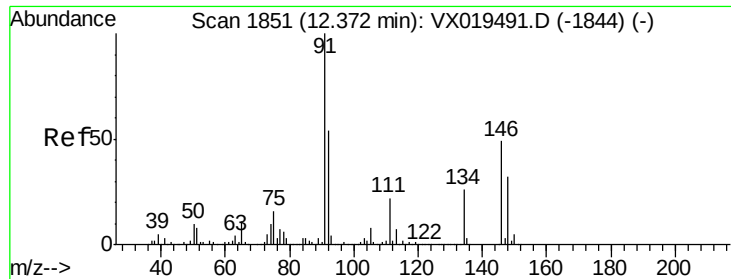
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#88
 1,4-Dichlorobenzene
 Concen: 18.718 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	19.9	59.6
148	65.0	31.7	95.1





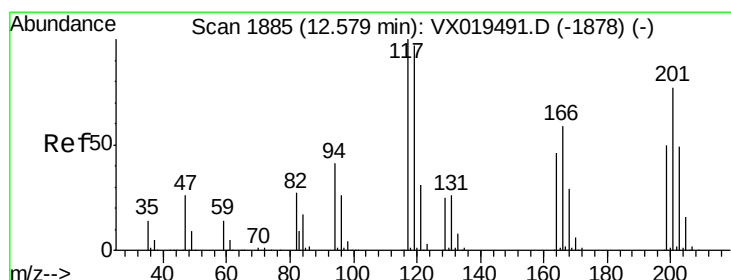
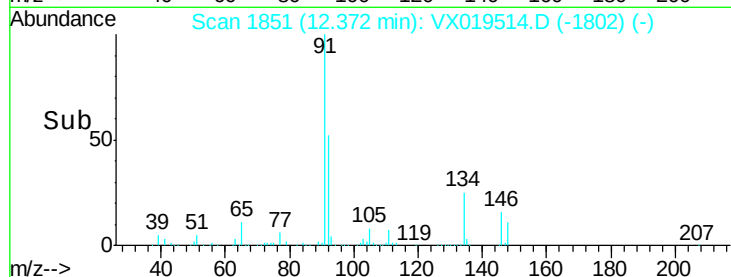
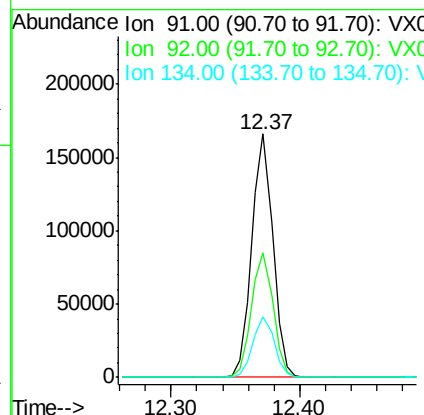
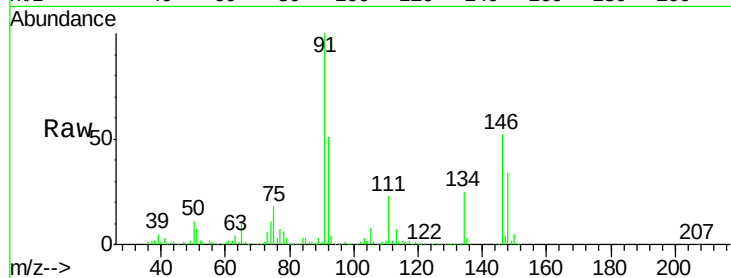
#89
n-Butylbenzene
Concen: 18.538 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.9	80.6
134	25.3	12.9	38.6

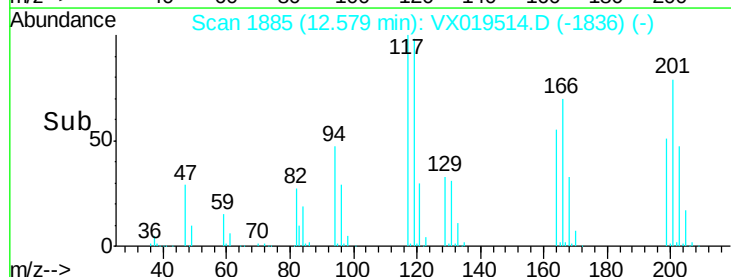
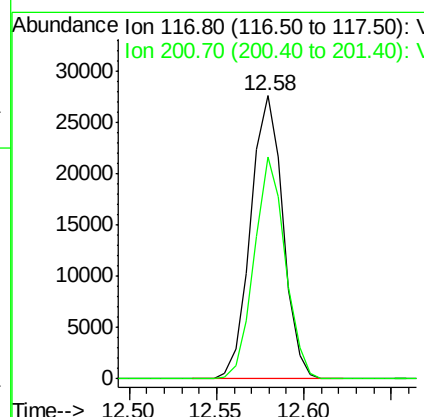
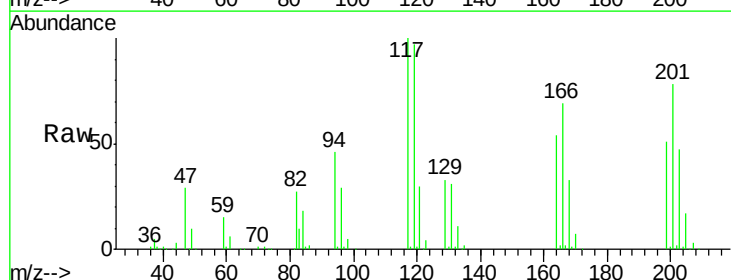
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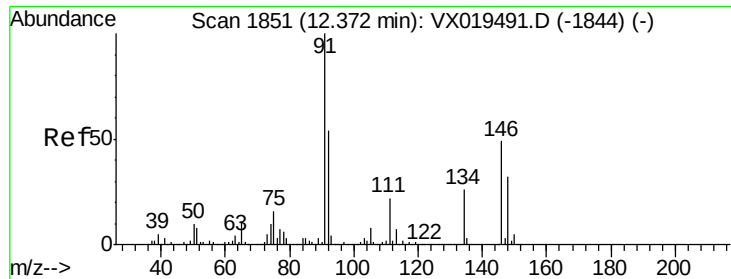
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#90
Hexachloroethane
Concen: 19.012 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.3	39.4	118.2





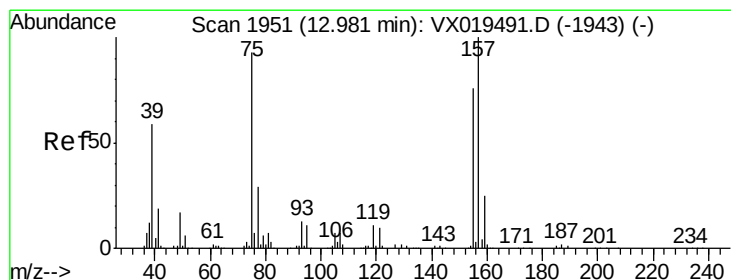
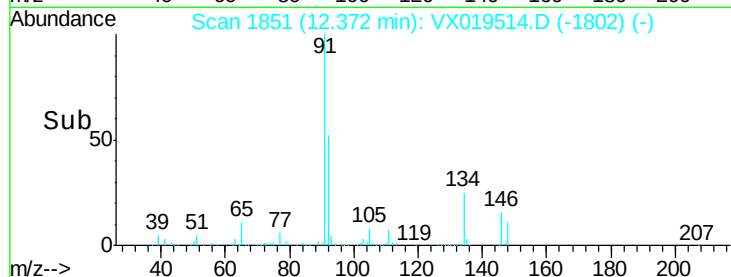
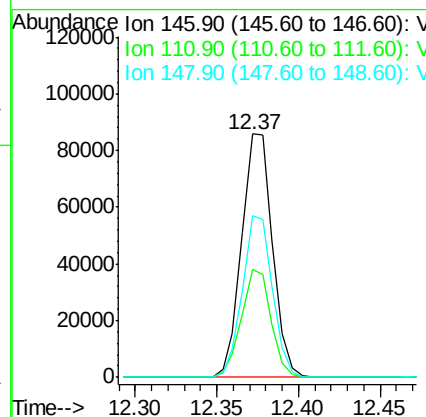
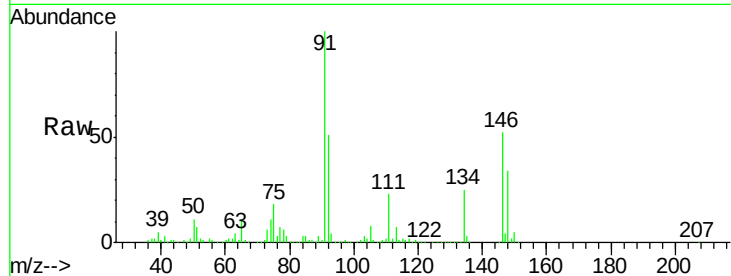
#91
 1,2-Dichlorobenzene
 Concen: 18.926 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	42.9	21.1	63.3	
148	64.9	32.4	97.0	

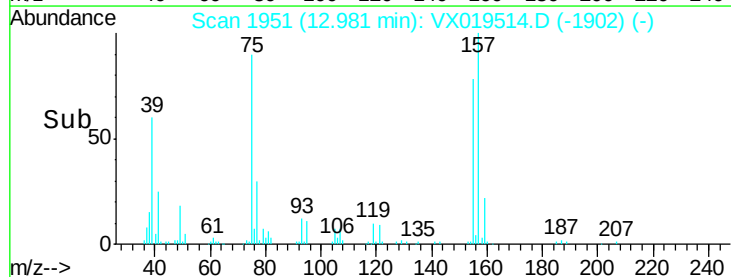
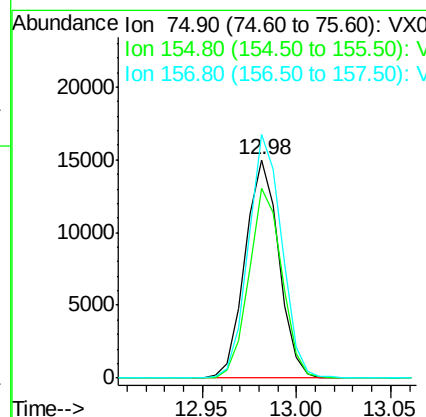
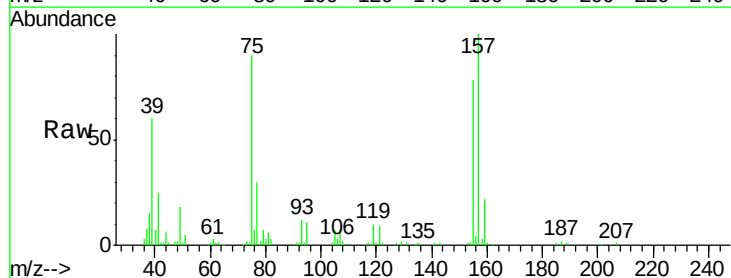
Manual Integrations
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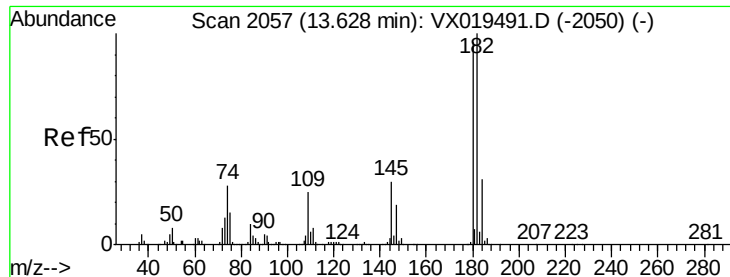
MMDadoda
 11/23/2020 3:51:21 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.167 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	84.9	43.6	130.9	
157	110.3	57.0	170.8	





#93

1,2,4-Trichlorobenzene

Concen: 18.591 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

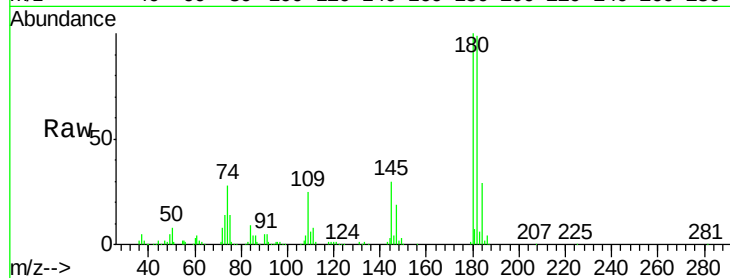
ClientSampleId :

VX1121WBSD02

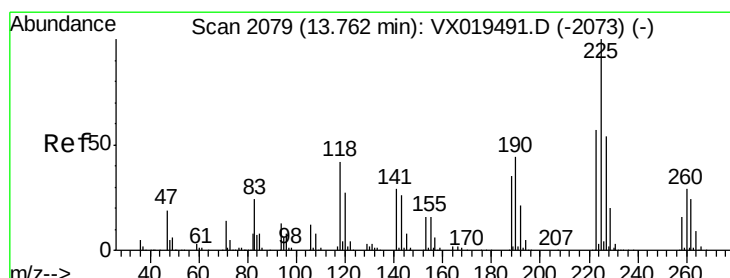
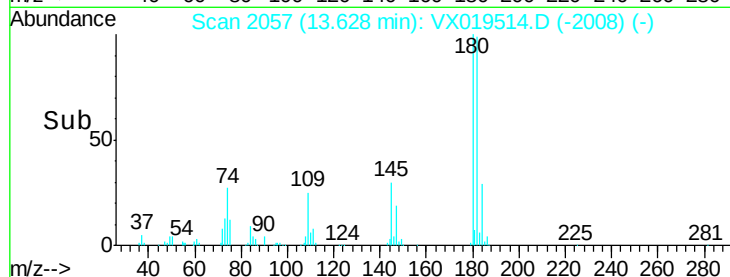
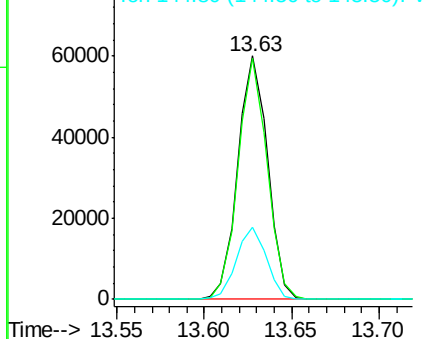
Tot Ion:	180	Resp:	71348
Ion Ratio	Lower	Upper	
180	100		
182	96.7	48.6	145.9
145	30.0	15.9	47.7

Manual Integrations
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MMDadoda
11/23/2020 3:51:21 PM



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 18.334 ug/l

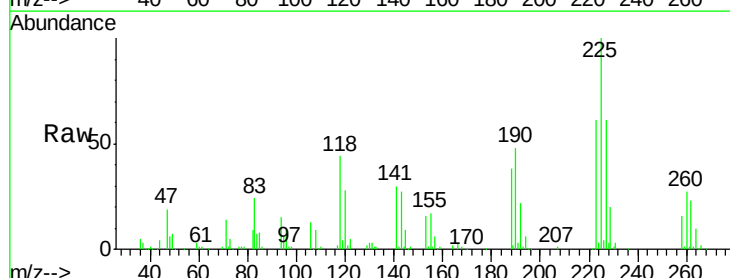
RT: 13.76 min Scan# 2079

Delta R.T. -0.00 min

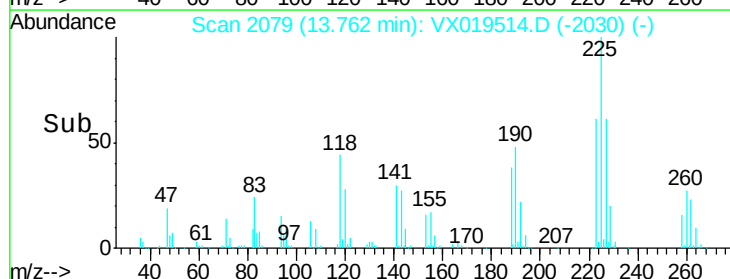
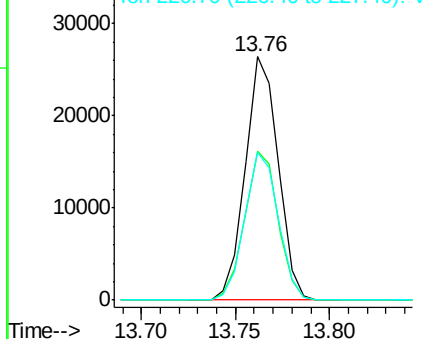
Lab File: VX019514.D

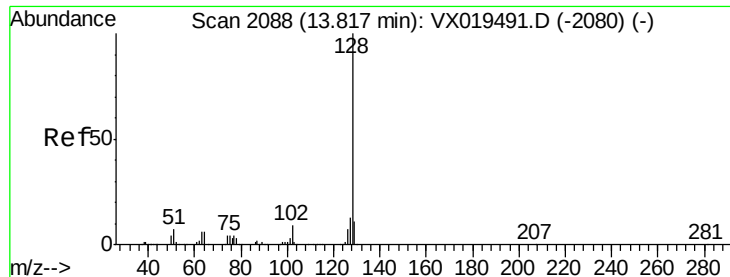
Acq: 21 Nov 2020 00:03

Tgt Ion:	225	Resp:	32053
Ion Ratio	Lower	Upper	
225	100		
223	62.1	32.5	97.5
227	61.8	32.8	98.3



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





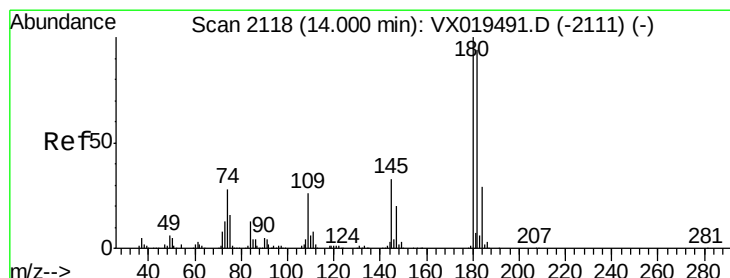
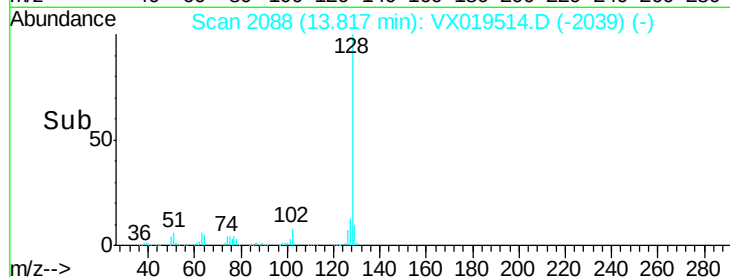
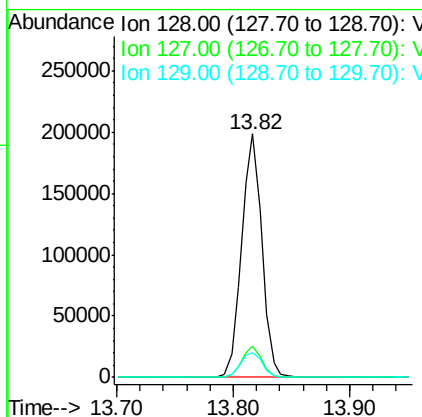
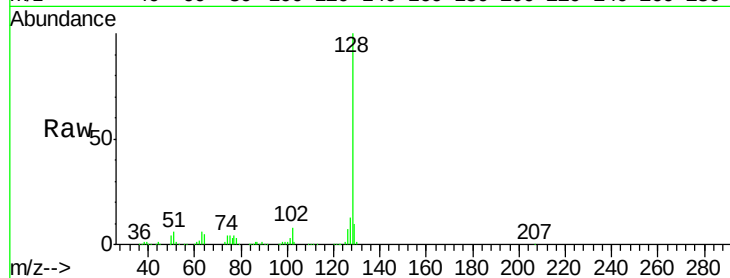
#95
Naphthalene
Concen: 19.202 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.162 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.1	144.3
145	32.3	16.6	49.8

