

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120519\
 Data File : VX013783.D
 Acq On : 05 Dec 2019 18:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 12/6/2019 11:37:30 AM

Quant Time: Dec 06 03:34:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	615206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	936680	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	841228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	429633	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	340133	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
35) Dibromofluoromethane	5.48	113	284434	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
50) Toluene-d8	8.71	98	1073316	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
62) 4-Bromofluorobenzene	11.14	95	396490	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	328396	47.958	ug/l	98
3) Chloromethane	1.32	50	353012	45.944	ug/l	100
4) Vinyl Chloride	1.40	62	426123	49.274	ug/l	100
5) Bromomethane	1.63	94	273160	47.034	ug/l	100
6) Chloroethane	1.71	64	423859	86.131	ug/l	91
7) Trichlorofluoromethane	1.92	101	471470	49.098	ug/l	99
8) Diethyl Ether	2.18	74	216982	49.946	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	287052	48.939	ug/l	99
10) Methyl Iodide	2.50	142	379141	53.436	ug/l	100
11) Tert butyl alcohol	3.03	59	362805	205.827	ug/l	98
12) 1,1-Dichloroethene	2.36	96	291607	49.807	ug/l	96
13) Acrolein	2.29	56	88964	79.660	ug/l	96
14) Allyl chloride	2.72	41	507076	47.725	ug/l	98
15) Acrylonitrile	3.13	53	852647	234.343	ug/l	99
16) Acetone	2.43	43	955546	271.025	ug/l	100
17) Carbon Disulfide	2.56	76	750022	44.938	ug/l	99
18) Methyl Acetate	2.76	43	496864	50.609	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	976279	50.336	ug/l	98
20) Methylene Chloride	2.85	84	324396	47.892	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	301358	47.249	ug/l	99
22) Diisopropyl ether	3.84	45	1031620	50.425	ug/l	97
23) Vinyl Acetate	3.80	43	4213906	247.594	ug/l	100
24) 1,1-Dichloroethane	3.69	63	560008	50.072	ug/l	99
25) 2-Butanone	4.66	43	1307447	249.521	ug/l	99
26) 2,2-Dichloropropane	4.57	77	457519	49.444	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	355357	48.516	ug/l	99
28) Bromochloromethane	5.00	49	225653	51.057	ug/l	97
29) Tetrahydrofuran	5.11	42	779089	241.190	ug/l	99
30) Chloroform	5.20	83	549450	48.442	ug/l	97
31) Cyclohexane	5.57	56	493450	46.778	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	472561	49.857	ug/l	100
36) 1,1-Dichloropropene	5.79	75	405189	47.654	ug/l	98
37) Ethyl Acetate	4.82	43	469870	49.259	ug/l	100
38) Carbon Tetrachloride	5.78	117	401365	51.193	ug/l	97

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Quant Time: Dec 06 03:34:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	511267	48.645	ug/l	97
40) Benzene	6.14	78	1264796	48.841	ug/l	99
41) Methacrylonitrile	5.03	41	265036	50.664	ug/l	99
42) 1,2-Dichloroethane	6.18	62	442452	50.098	ug/l	99
43) Isopropyl Acetate	6.43	43	772950	49.221	ug/l	100
44) Trichloroethene	7.21	130	338226	47.589	ug/l	98
45) 1,2-Dichloropropane	7.51	63	334128	51.569	ug/l	99
46) Dibromomethane	7.65	93	215060	48.871	ug/l	98
47) Bromodichloromethane	7.89	83	435496	52.349	ug/l	99
48) Methyl methacrylate	7.76	41	389179	51.006	ug/l	98
49) 1,4-Dioxane	7.73	88	144124	843.863	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2441855	247.200	ug/l	99
52) Toluene	8.78	92	798102	49.609	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	486106	51.336	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	539844	52.183	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	331284	51.099	ug/l	98
56) Ethyl methacrylate	9.17	69	542027	52.002	ug/l	98
57) 1,3-Dichloropropane	9.37	76	553517	49.533	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	961078	235.174	ug/l	99
59) 2-Hexanone	9.49	43	1919777	249.188	ug/l	99
60) Dibromochloromethane	9.57	129	359542	53.439	ug/l	99
61) 1,2-Dibromoethane	9.67	107	346774	50.081	ug/l	100
64) Tetrachloroethene	9.33	164	311299	49.622	ug/l	99
65) Chlorobenzene	10.14	112	870821	49.859	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	330844	52.752	ug/l	100
67) Ethyl Benzene	10.25	91	1542612	51.399	ug/l	99
68) m/p-Xylenes	10.35	106	1170450	101.862	ug/l	100
69) o-Xylene	10.70	106	571011	50.953	ug/l	98
70) Styrene	10.71	104	983308	52.161	ug/l	99
71) Bromoform	10.85	173	287662	55.433	ug/l	100
73) Isopropylbenzene	11.01	105	1511265	50.146	ug/l	100
74) N-amyl acetate	10.89	43	703381	50.950	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	532410	50.942	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	480415m	49.716	ug/l	
77) Bromobenzene	11.25	156	401838	49.356	ug/l	99
78) n-propylbenzene	11.35	91	1707216	50.746	ug/l	99
79) 2-Chlorotoluene	11.42	91	1020980	50.591	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1272735	51.528	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	174004	49.264	ug/l	98
82) 4-Chlorotoluene	11.51	91	1172071	50.144	ug/l	99
83) tert-Butylbenzene	11.76	119	1285063	51.193	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1278163	50.988	ug/l	100
85) sec-Butylbenzene	11.94	105	1467708	51.189	ug/l	100
86) p-Isopropyltoluene	12.06	119	1371850	51.430	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	710152	50.038	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	702247	48.579	ug/l	99
89) n-Butylbenzene	12.39	91	1198773	52.693	ug/l	100
90) Hexachloroethane	12.59	117	245680	50.956	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	710052	50.637	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	118175	51.923	ug/l	99

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ClientSampleId :
VSTDCCC050EC

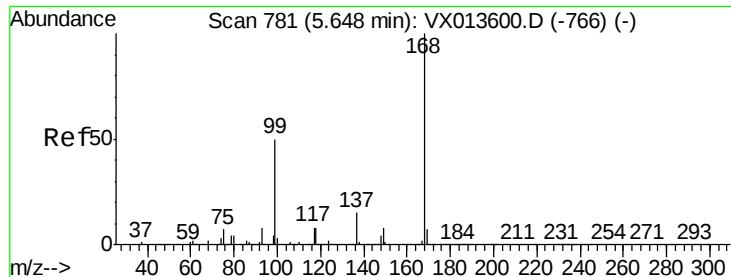
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	507451	51.926	ug/l	100
94) Hexachlorobutadiene	13.78	225	225559	48.047	ug/l	100
95) Naphthalene	13.83	128	1580890	54.320	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	502373	51.919	ug/l	99

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



#1

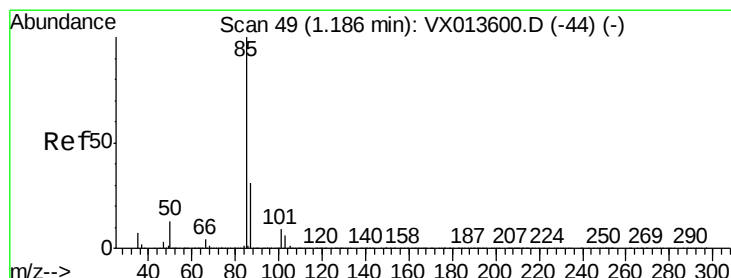
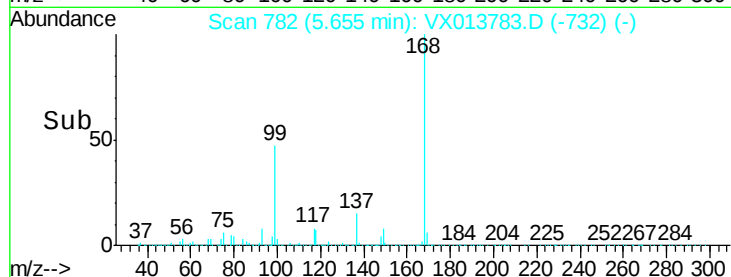
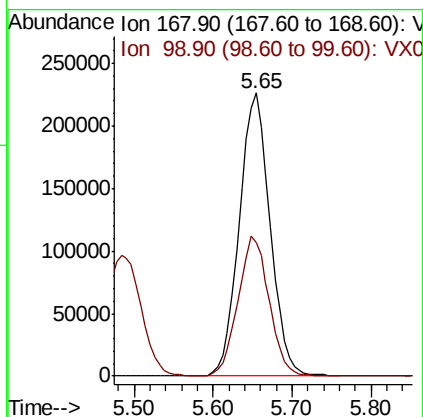
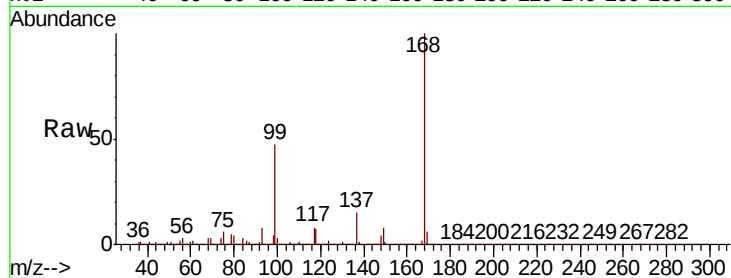
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.1	39.8	59.8

Manual Integrations
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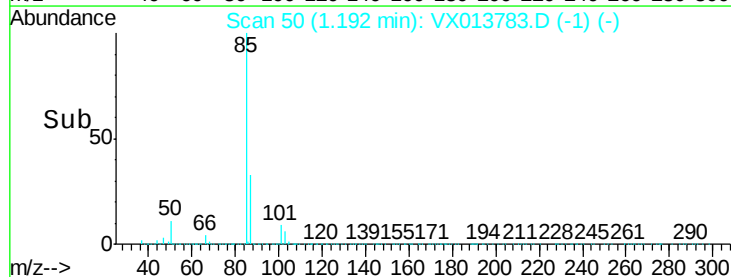
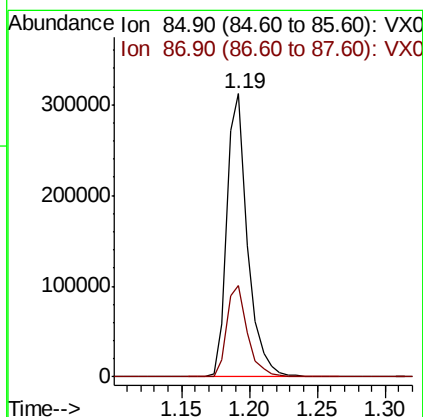
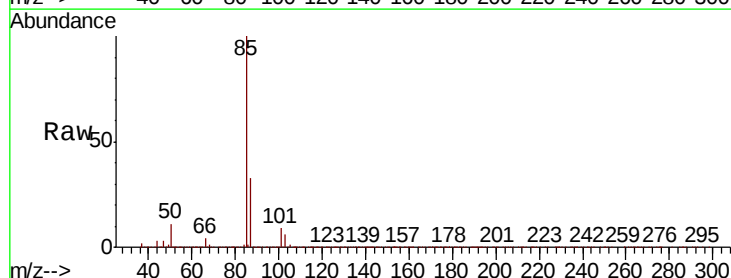
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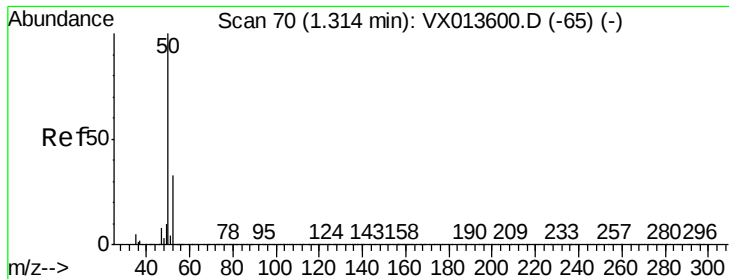


#2

Dichlorodifluoromethane
Concen: 47.958 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.5	15.7	47.1





#3

Chloromethane

Concen: 45.944 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 353012

Ion Ratio Lower Upper

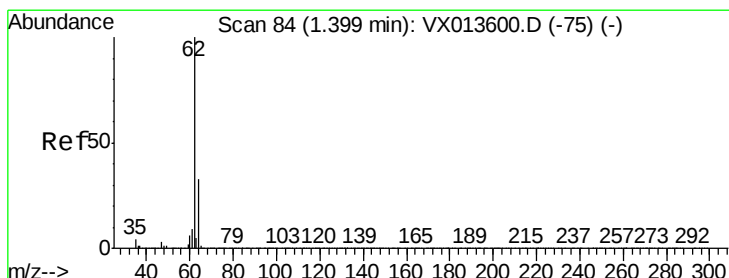
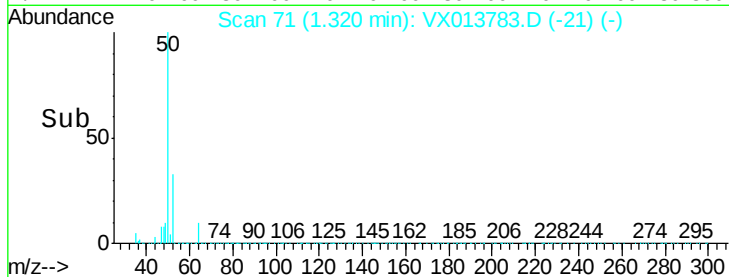
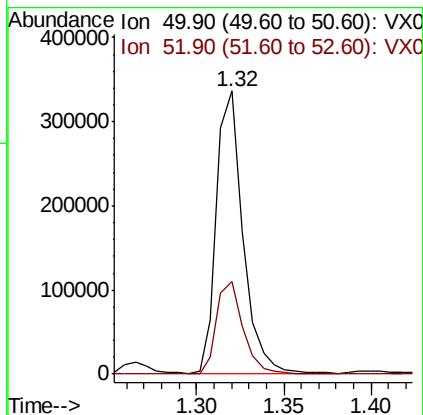
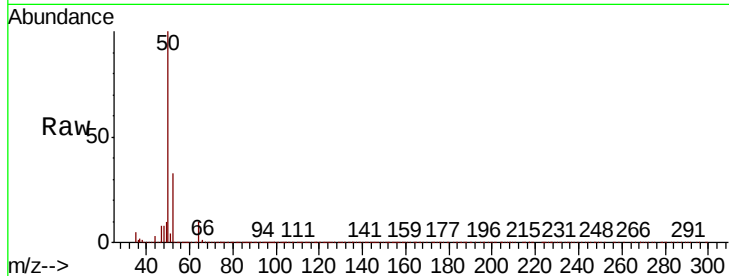
50 100

52 32.6 26.0 39.0

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#4

Vinyl Chloride

Concen: 49.274 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013783.D

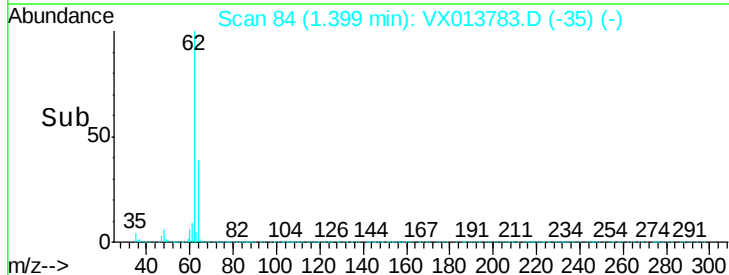
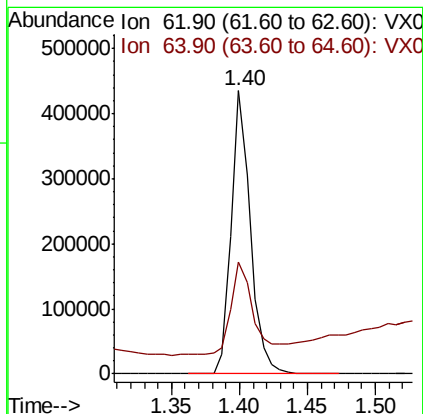
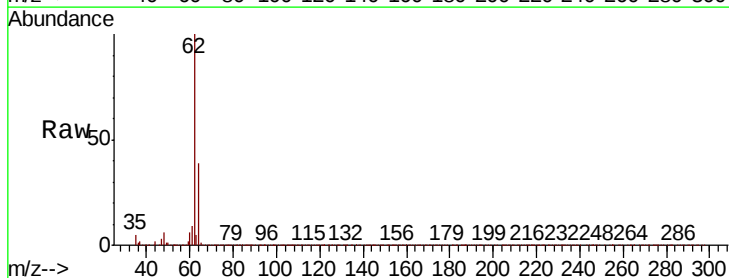
Acq: 05 Dec 2019 18:24

Tgt Ion: 62 Resp: 426123

Ion Ratio Lower Upper

62 100

64 32.6 26.0 39.0





#5

Bromomethane

Concen: 47.034 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 273160

Ion Ratio Lower Upper

94 100

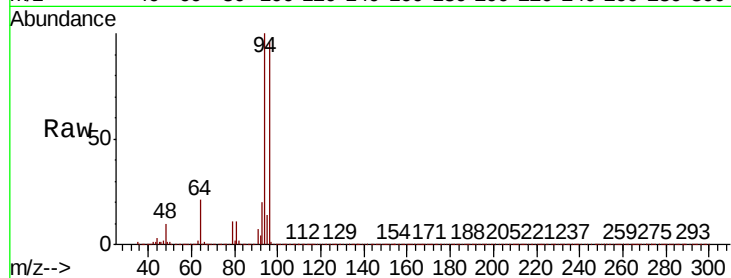
96 96.0 77.0 115.4

Manual Integrations

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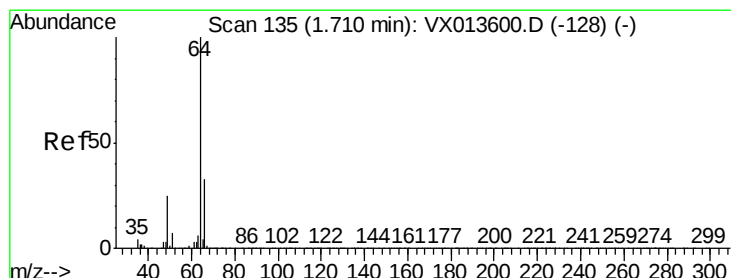
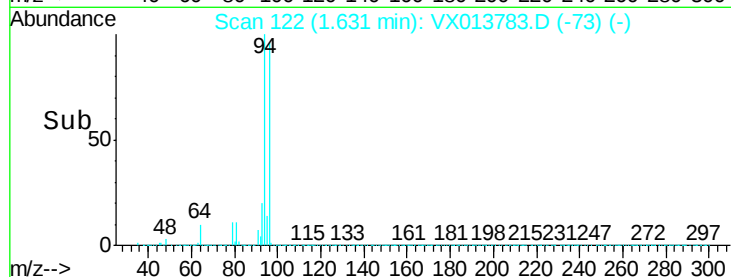
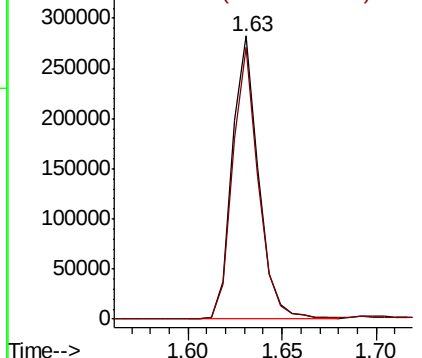
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 86.131 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013783.D

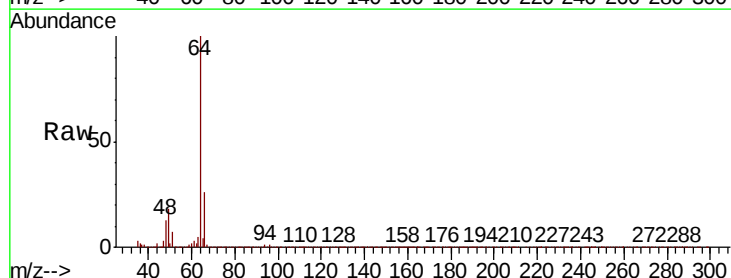
Acq: 05 Dec 2019 18:24

Tgt Ion: 64 Resp: 423859

Ion Ratio Lower Upper

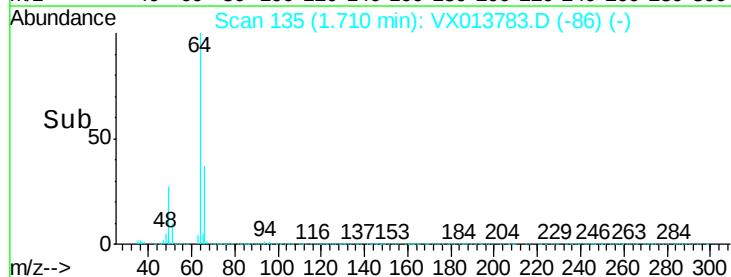
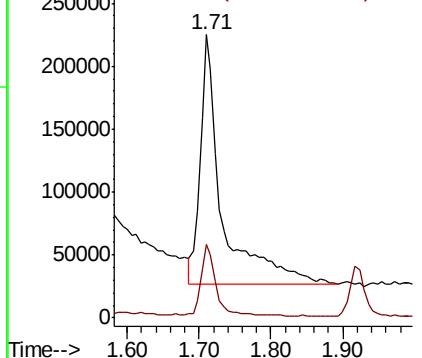
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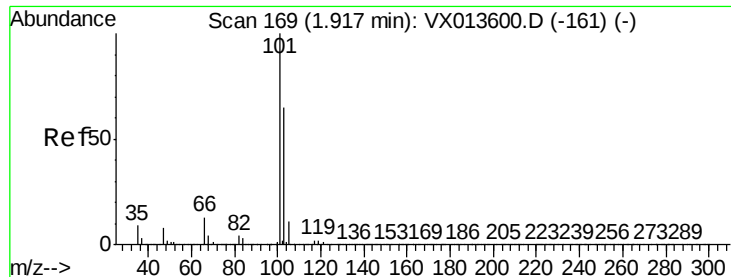
66 28.4 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

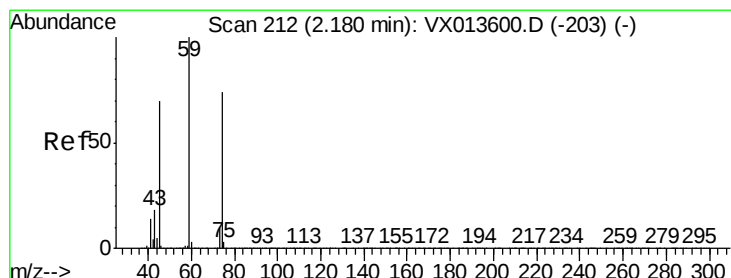
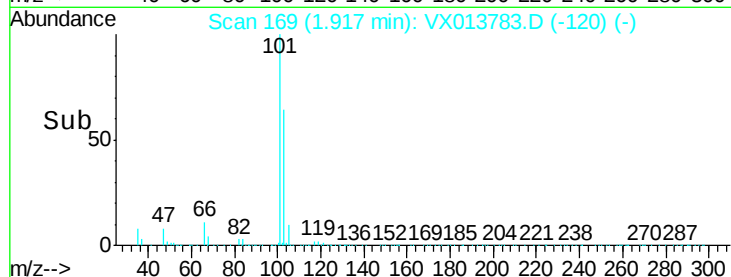
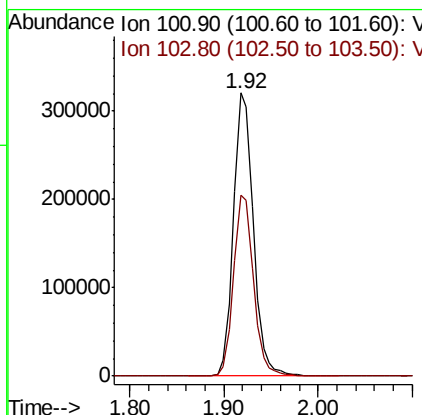
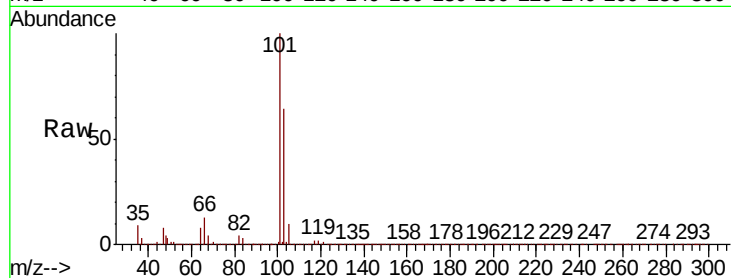
Trichlorofluoromethane
Concen: 49.098 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.8	77.6

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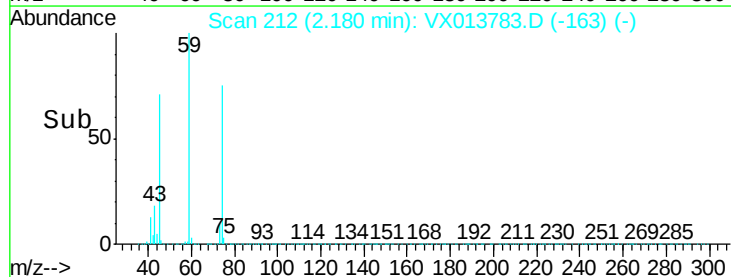
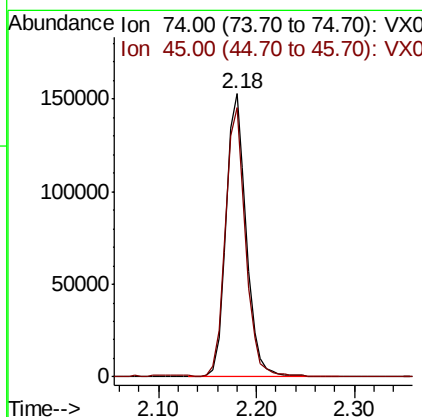
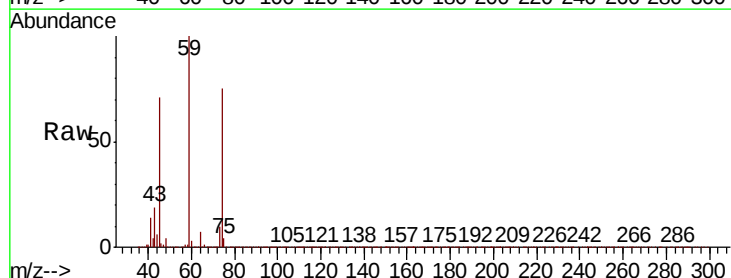
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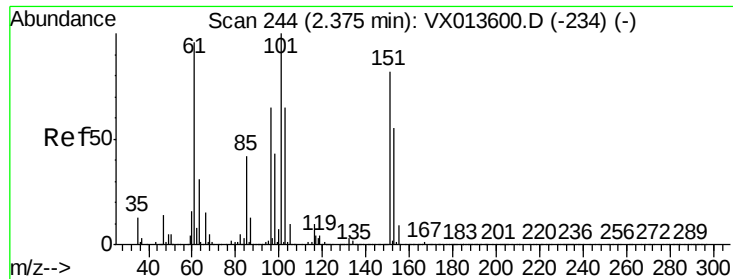


#8

Diethyl Ether
Concen: 49.946 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.1	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.939 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

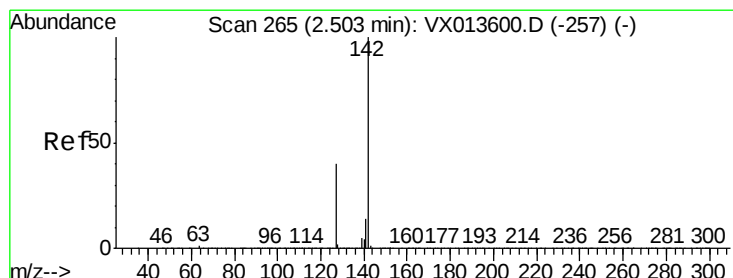
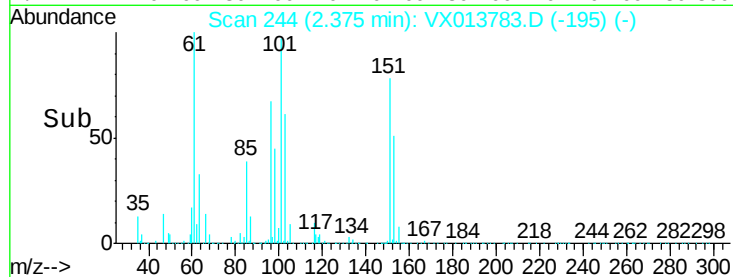
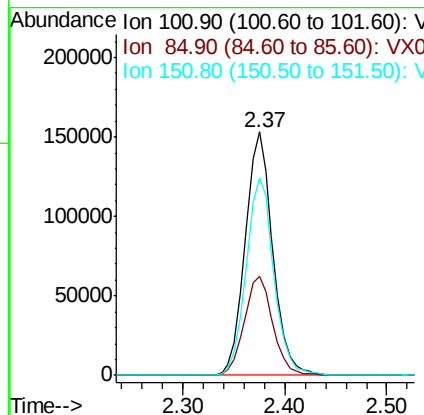
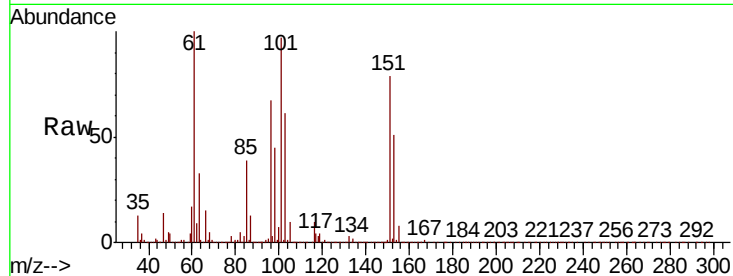
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	287052
Ion Ratio	Lower	Upper	
101	100		
85	42.3	33.9	50.9
151	81.8	64.2	96.2

Manual Integrations
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#10

Methyl Iodide

Concen: 53.436 ug/l

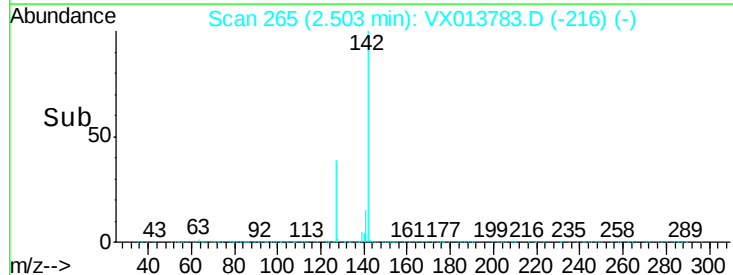
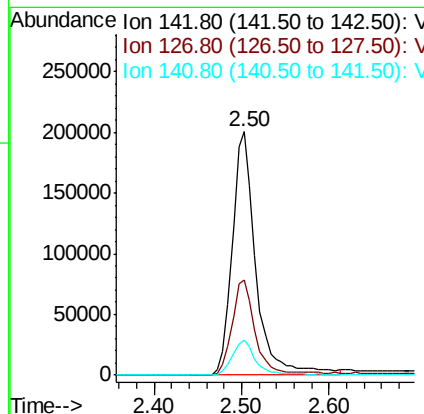
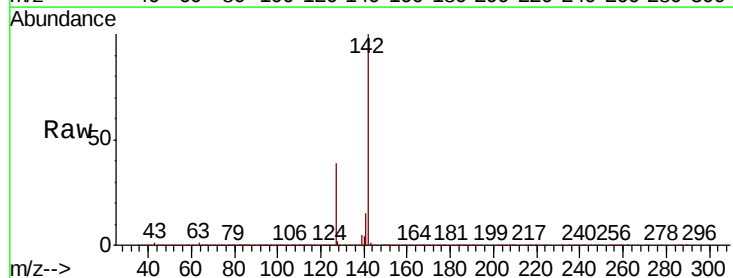
RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Tgt Ion:	142	Resp:	379141
Ion Ratio	Lower	Upper	
142	100		
127	38.6	31.0	46.4
141	14.2	11.6	17.4





#11

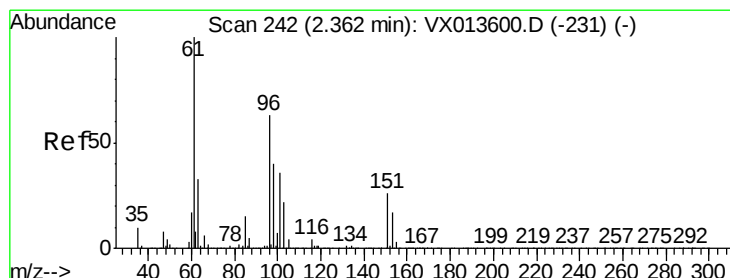
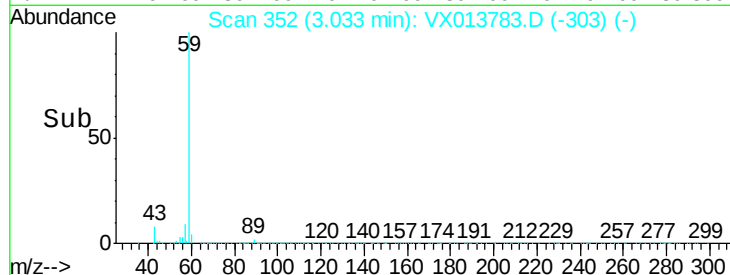
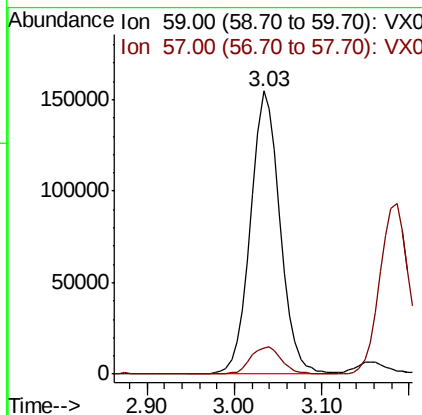
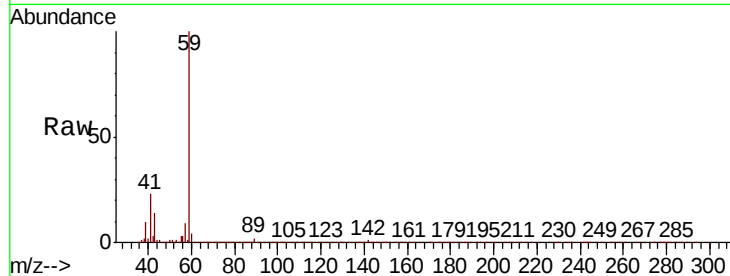
Tert butyl alcohol
Concen: 205.827 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	7.8	11.6

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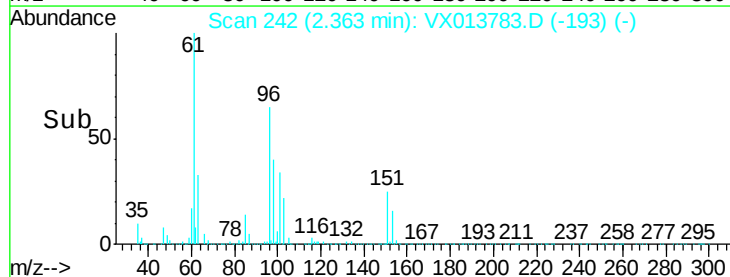
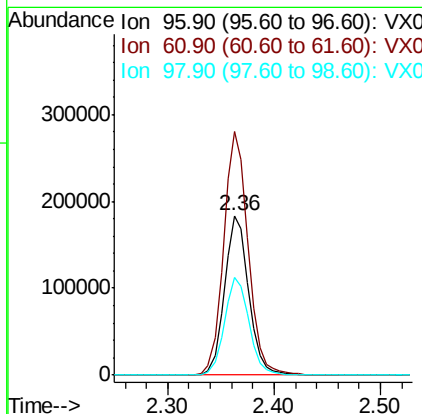
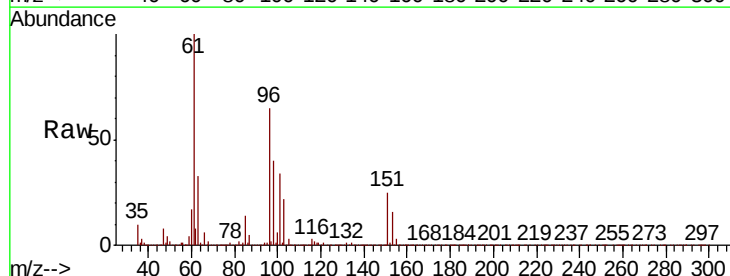
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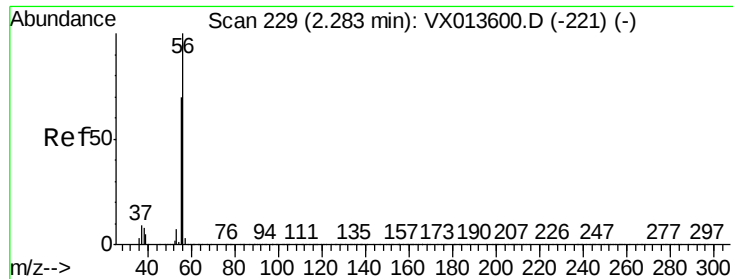


#12

1,1-Dichloroethene
Concen: 49.807 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.7	126.6	190.0
98	61.2	50.6	76.0





#13

Acrolein

Concen: 79.660 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 88964

Ion Ratio Lower Upper

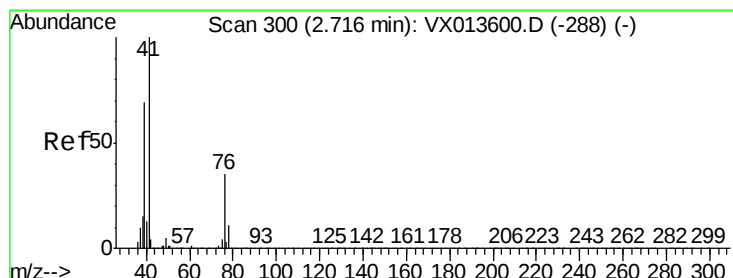
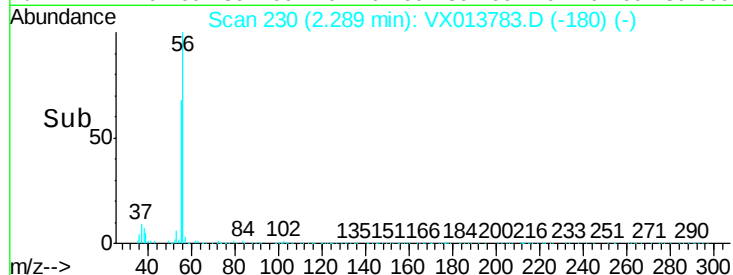
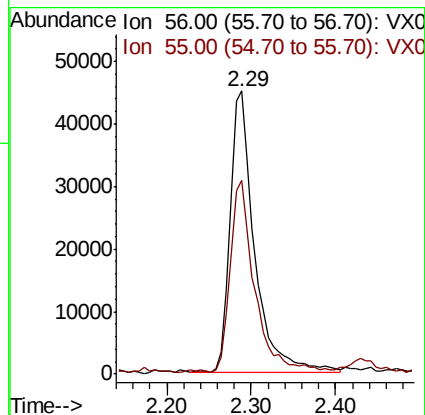
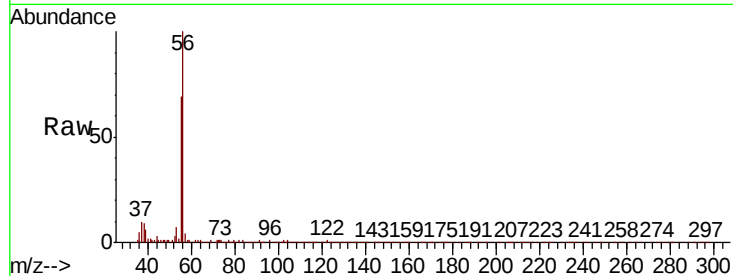
56 100

55 67.4 56.2 84.4

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#14

Allyl chloride

Concen: 47.725 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

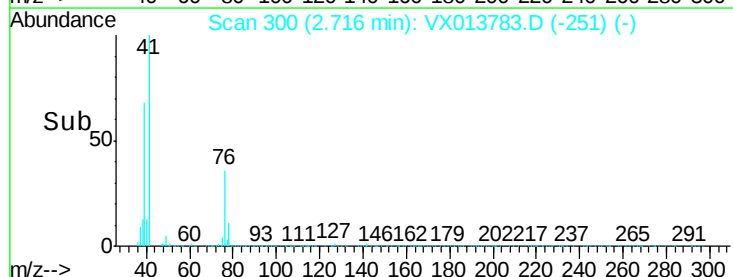
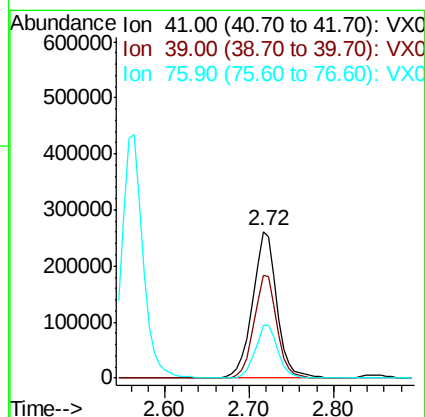
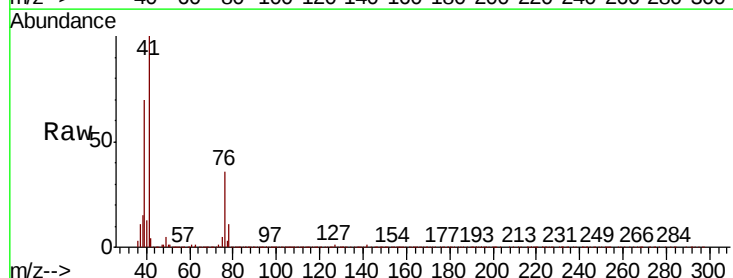
Tgt Ion: 41 Resp: 507076

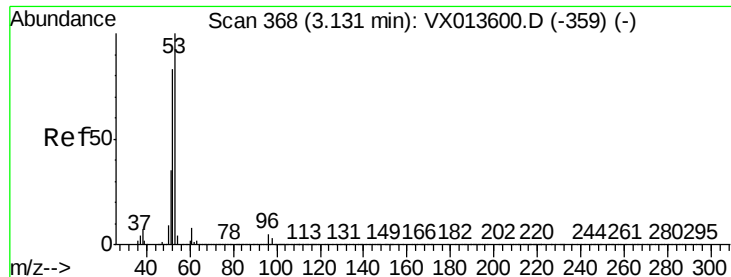
Ion Ratio Lower Upper

41 100

39 66.2 51.7 77.5

76 33.7 25.9 38.9





#15

Acrylonitrile

Concen: 234.343 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

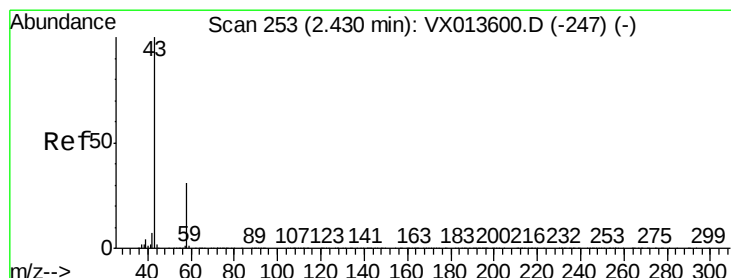
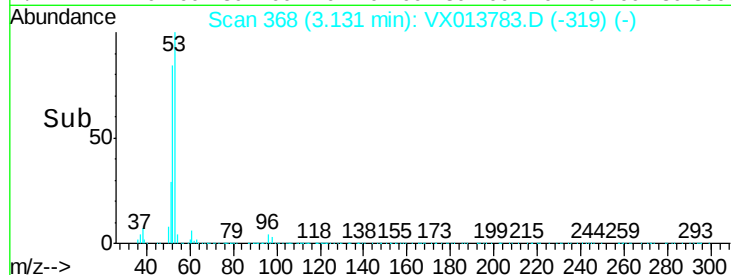
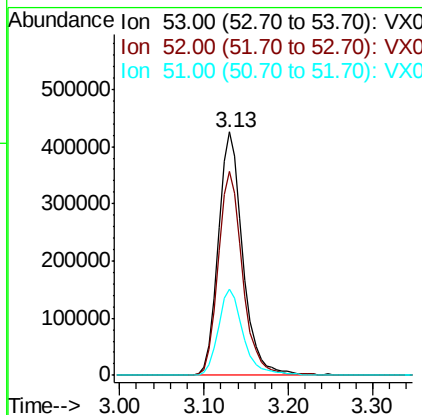
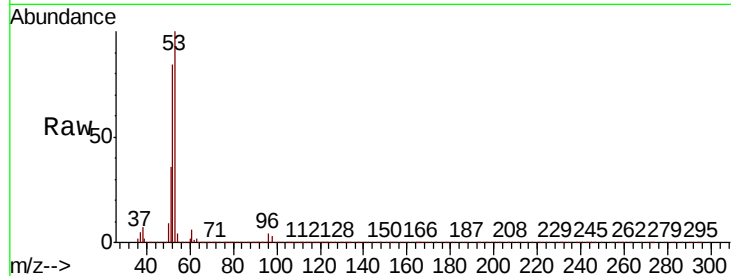
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	852647
Ion Ratio		Lower	Upper
53	100		
52	83.3	66.2	99.2
51	36.1	29.0	43.6

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#16

Acetone

Concen: 271.025 ug/l

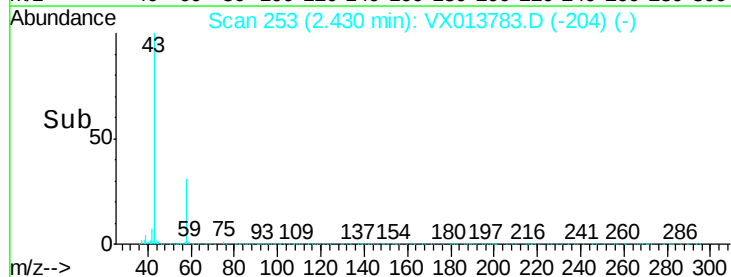
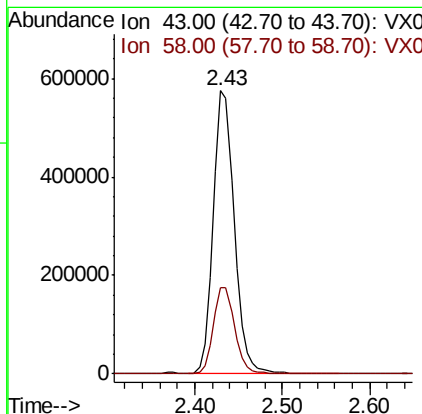
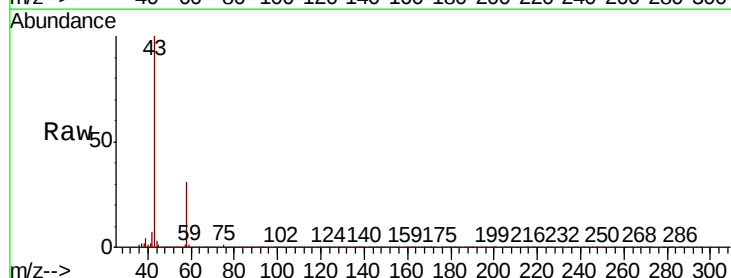
RT: 2.43 min Scan# 253

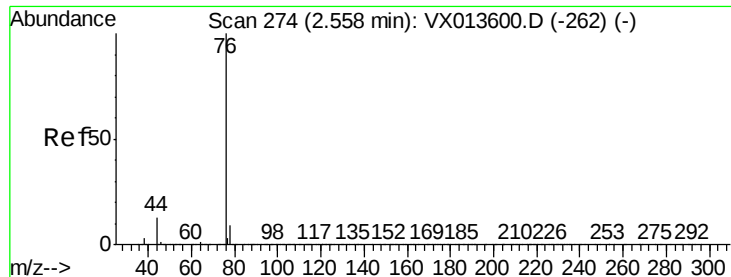
Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Tgt Ion:	43	Resp:	955546
Ion Ratio		Lower	Upper
43	100		
58	30.6	24.6	36.8





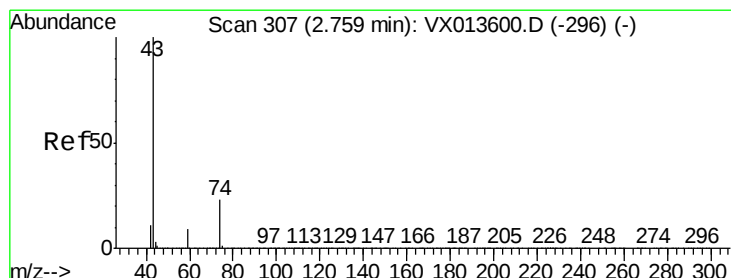
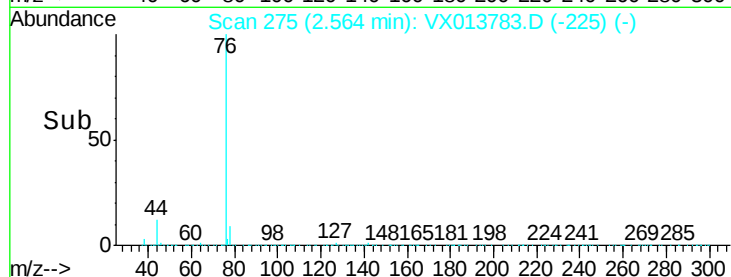
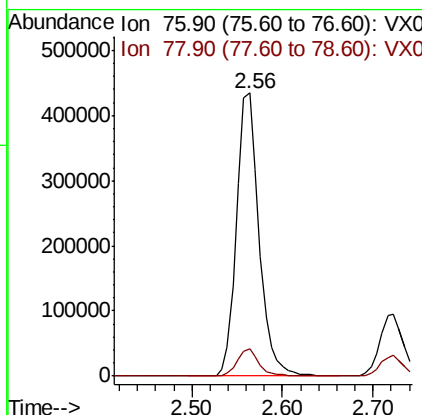
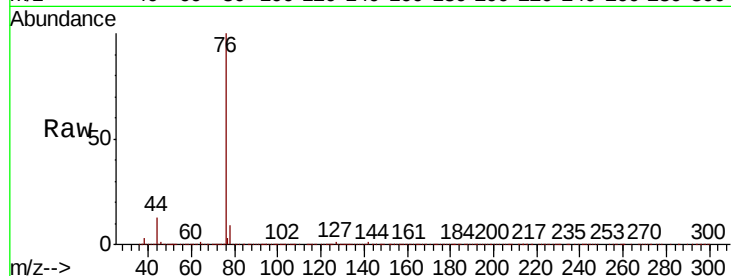
#17
Carbon Disulfide
Concen: 44.938 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8

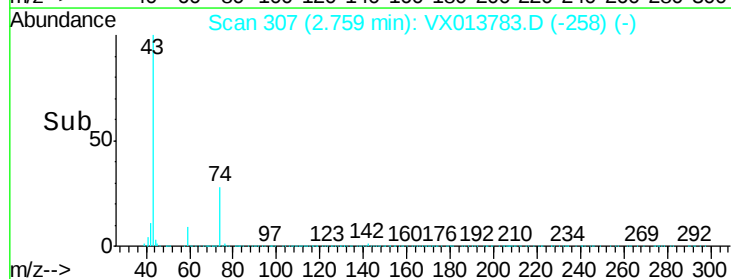
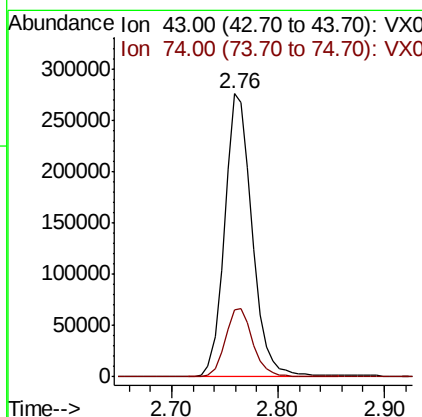
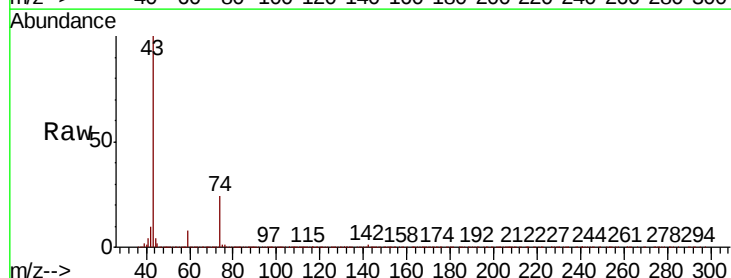
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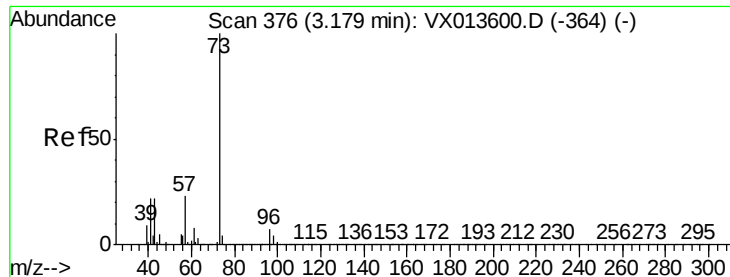
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#18
Methyl Acetate
Concen: 50.609 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	19.5	29.3





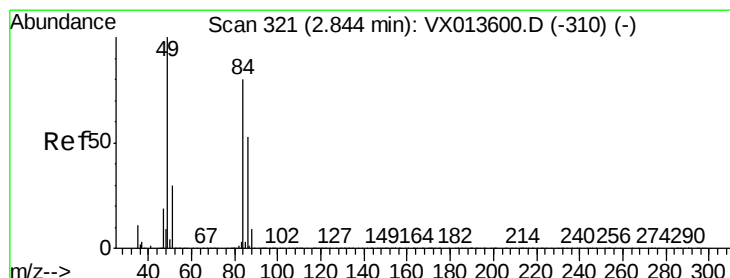
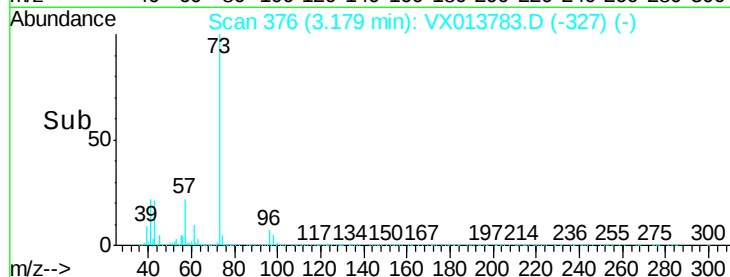
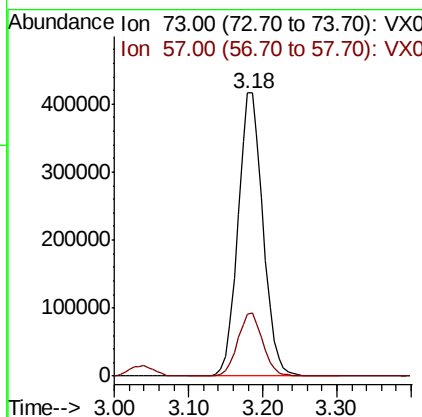
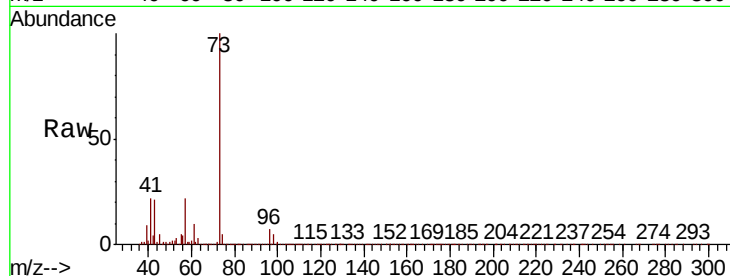
#19
Methvl tert-butvl Ether
Concen: 50.336 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	18.3	27.5

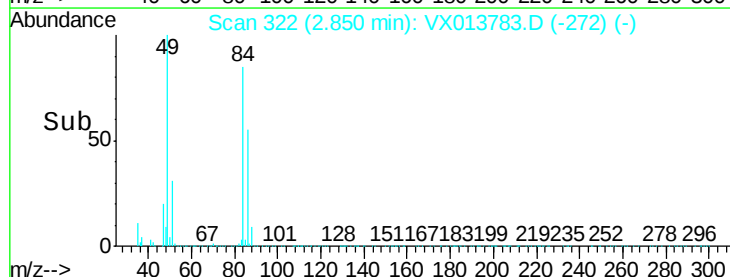
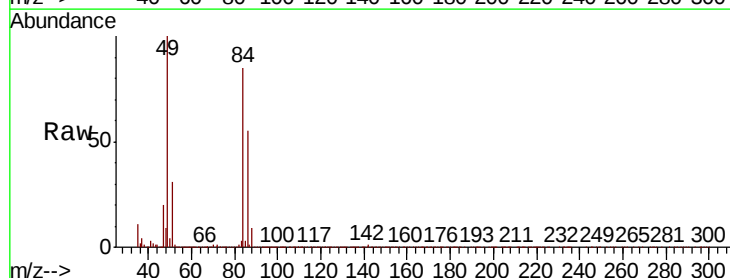
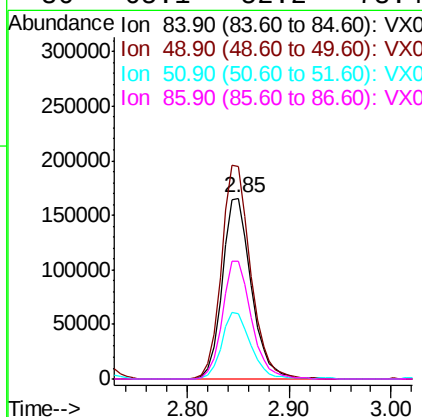
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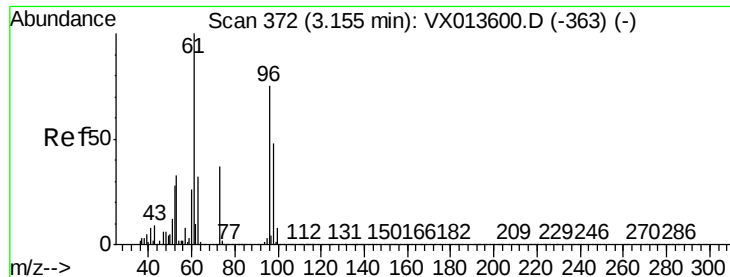
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#20
Methylene Chloride
Concen: 47.892 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.5	99.7	149.5
51	35.8	29.9	44.9
86	65.1	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 47.249 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

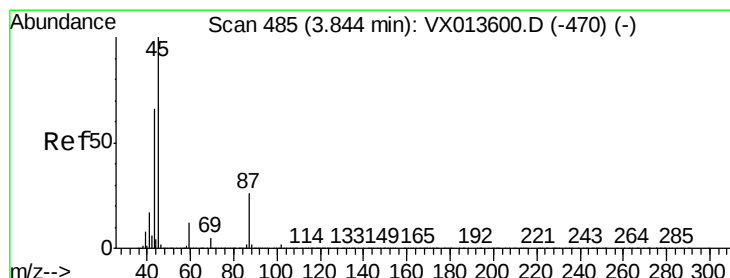
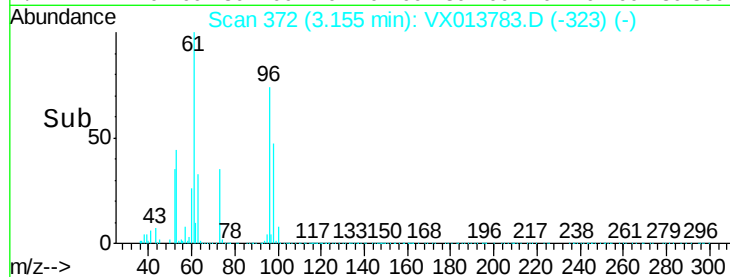
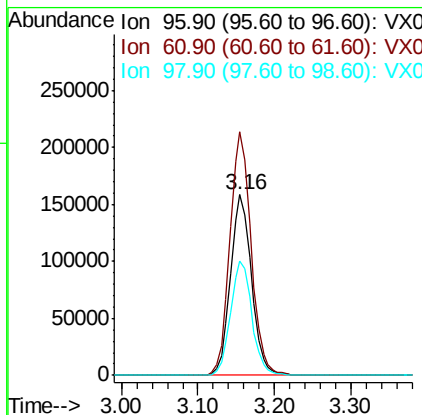
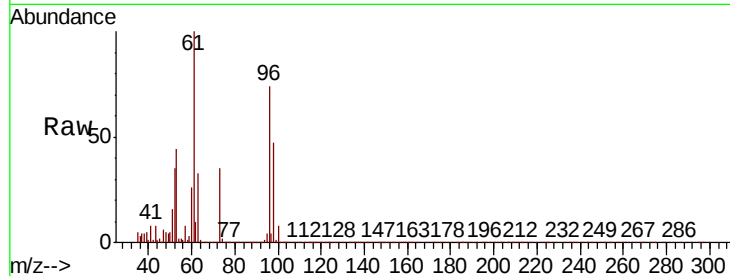
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	301358
Ion	Ratio	Lower	Upper
96	100		
61	134.8	107.2	160.8
98	63.2	51.4	77.0

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#22

Diisopropyl ether

Concen: 50.425 ug/l

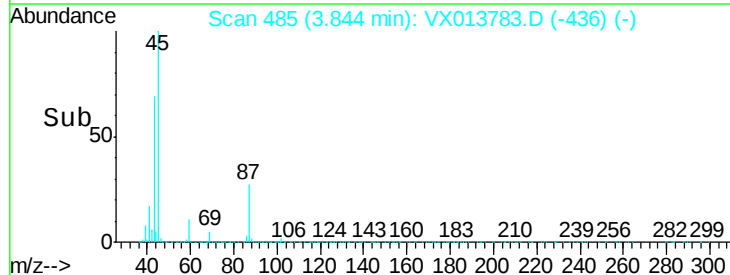
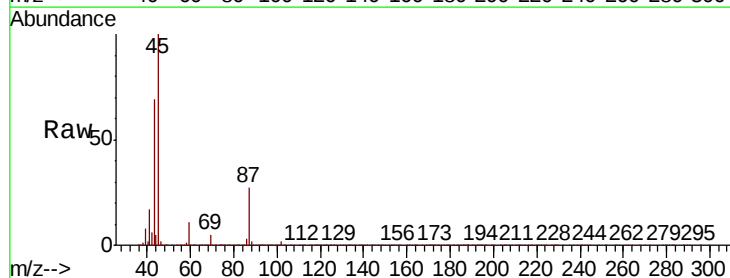
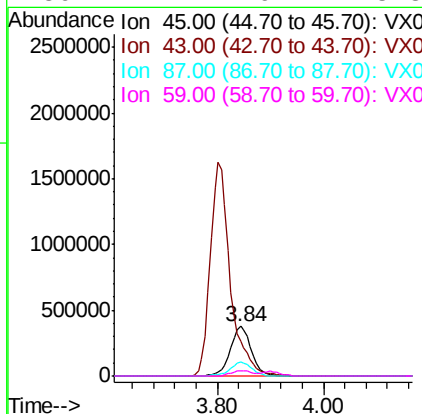
RT: 3.84 min Scan# 485

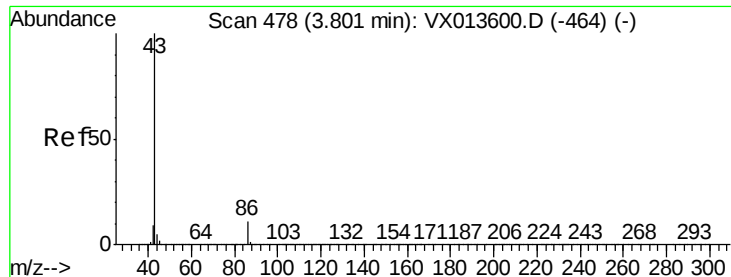
Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Tgt Ion:	45	Resp:	1031620
Ion	Ratio	Lower	Upper
45	100		
43	69.3	52.6	79.0
87	27.3	21.1	31.7
59	11.2	9.2	13.8





#23

Vinyl Acetate

Concen: 247.594 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Tot Ion: 43 Resp: 4213906

Ion Ratio Lower Upper

43 100

86 11.0 8.7 13.1

Instrument :

MSVOA_X

ClientSampleId :

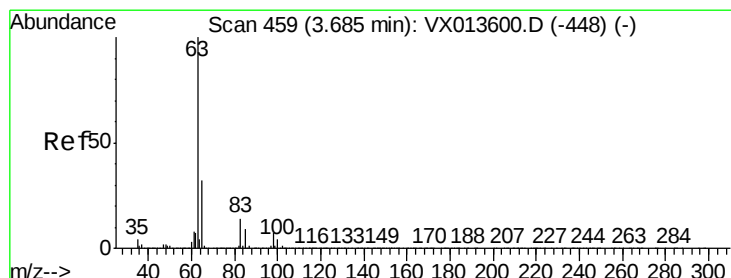
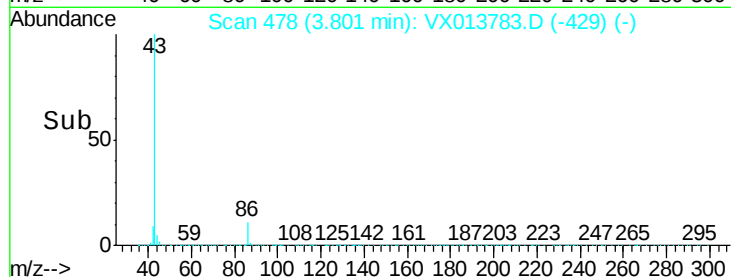
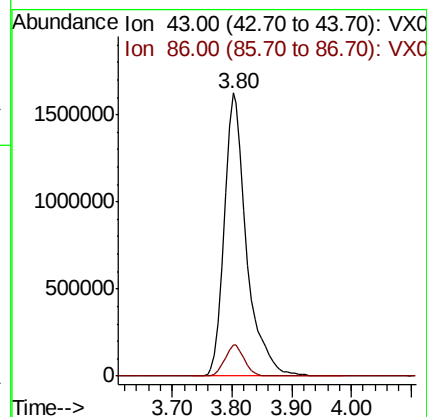
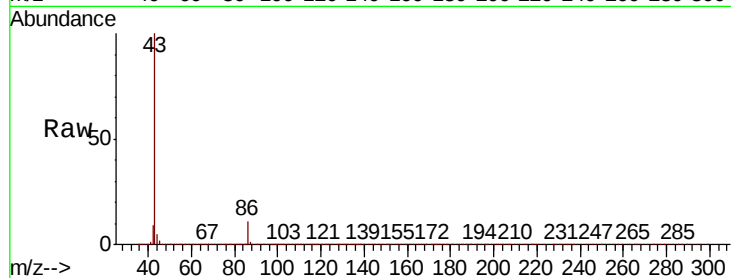
VSTDCCC050EC

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#24

1,1-Dichloroethane

Concen: 50.072 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

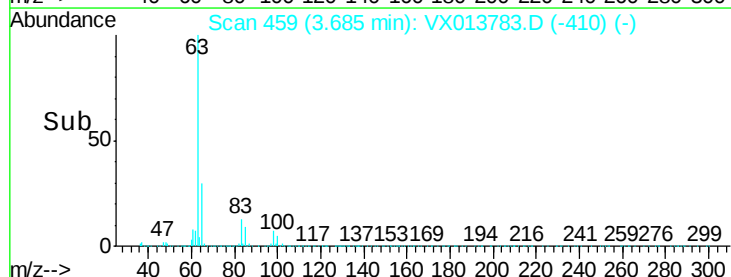
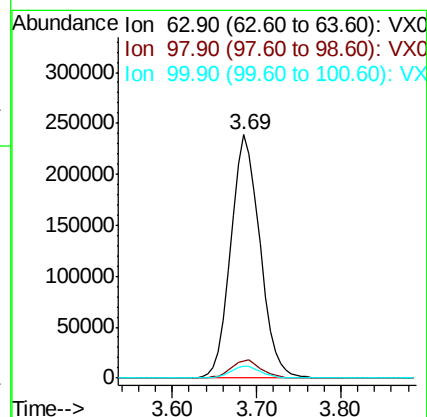
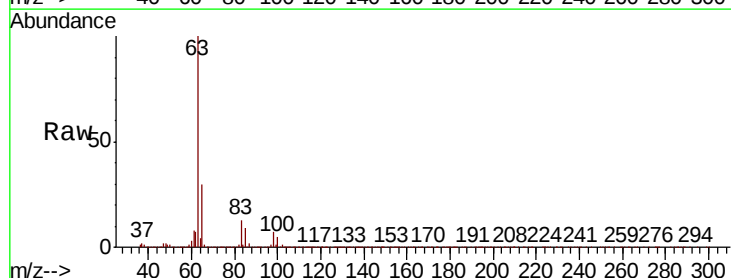
Tgt Ion: 63 Resp: 560008

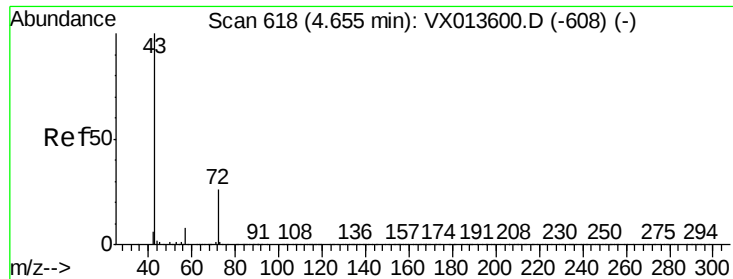
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.9 2.1 6.3





#25

2-Butanone

Concen: 249.521 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1307447

Ion Ratio Lower Upper

43 100

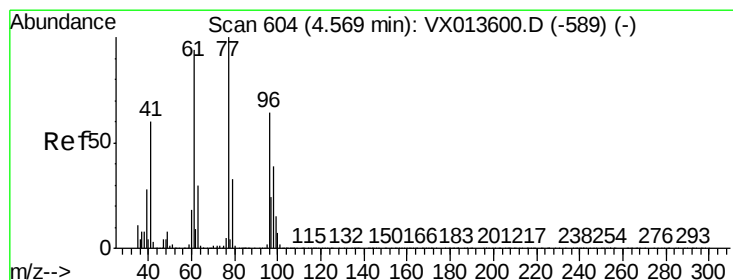
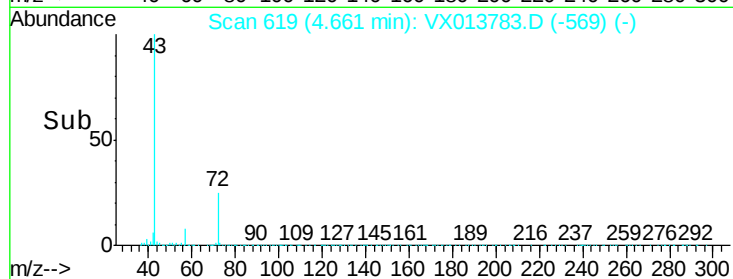
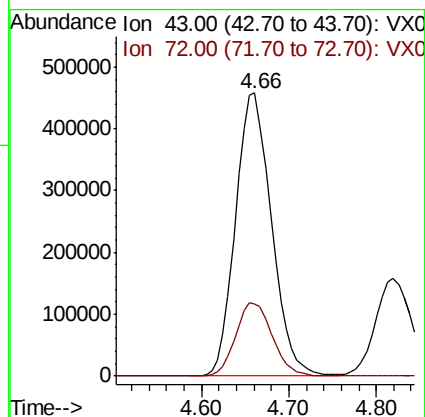
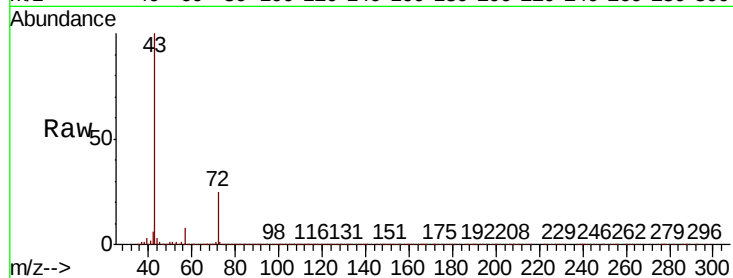
72 25.3 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 49.444 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013783.D

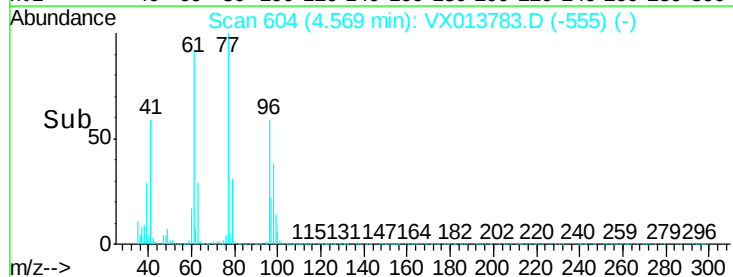
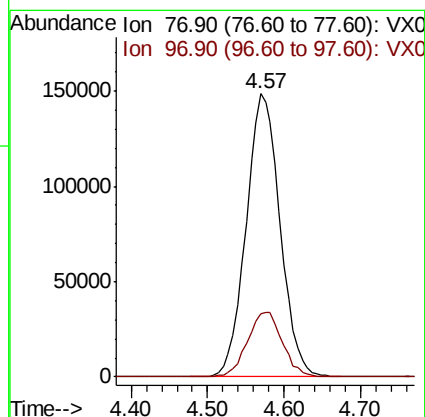
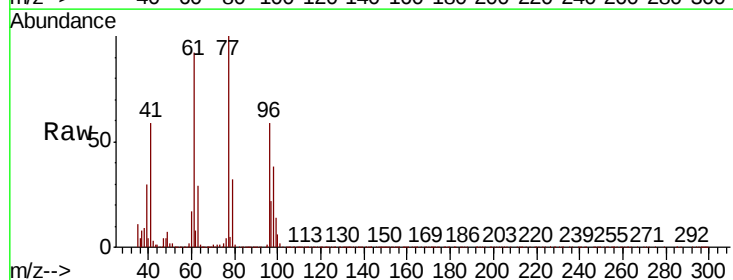
Acq: 05 Dec 2019 18:24

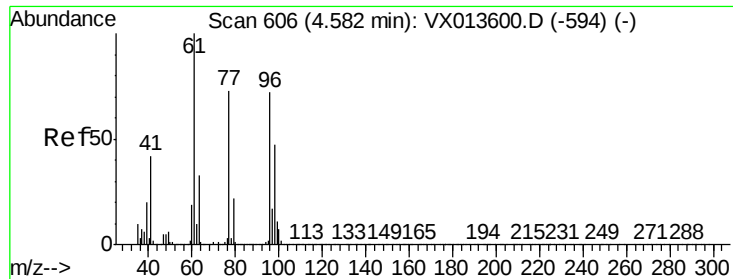
Tgt Ion: 77 Resp: 457519

Ion Ratio Lower Upper

77 100

97 23.4 12.0 36.1





#27

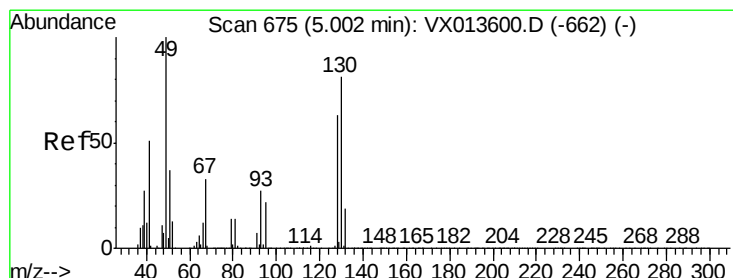
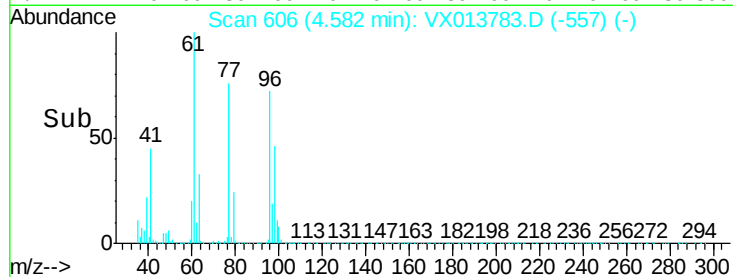
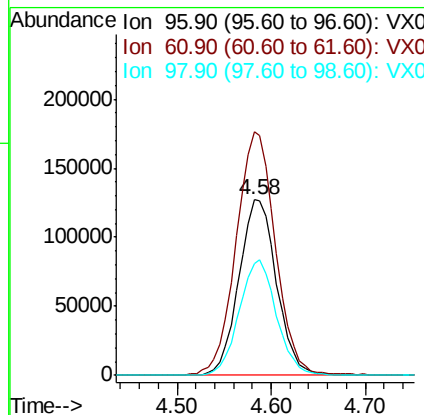
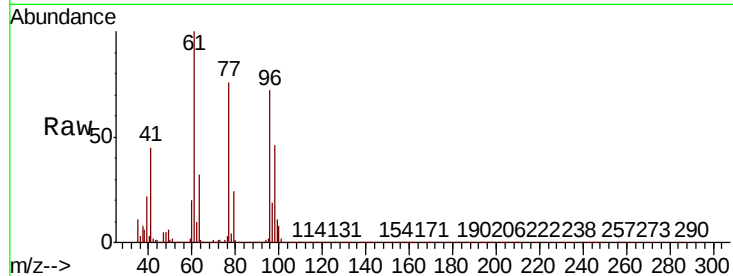
cis-1,2-Dichloroethene
Concen: 48.516 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.0	0.0	286.4
98	65.3	0.0	127.4

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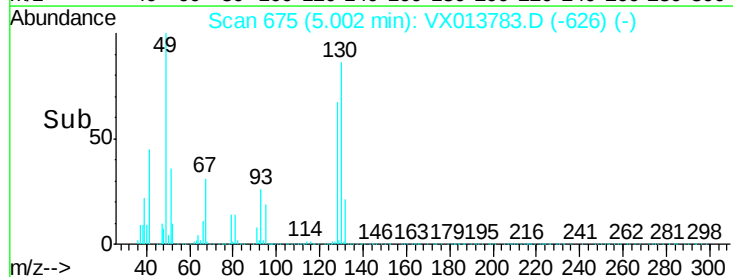
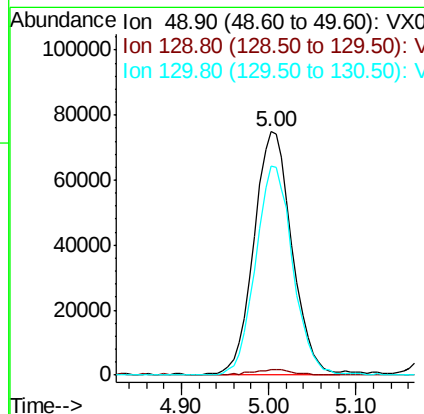
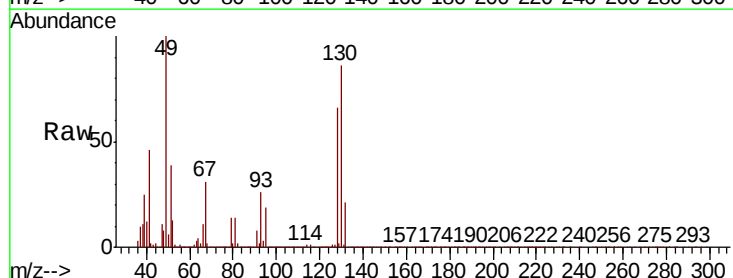
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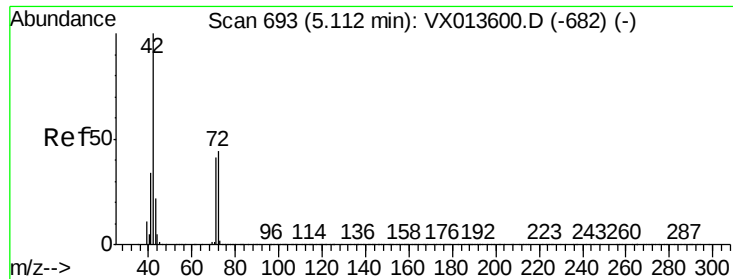


#28

Bromochloromethane
Concen: 51.057 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.0
130	84.3	65.4	98.0





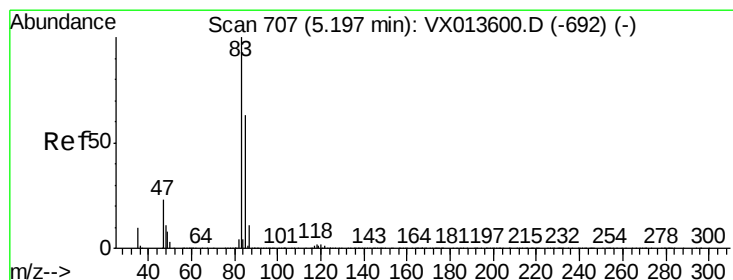
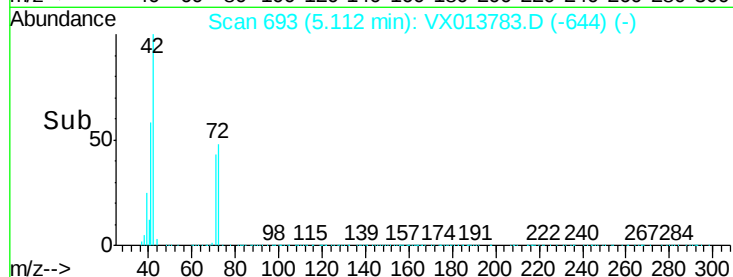
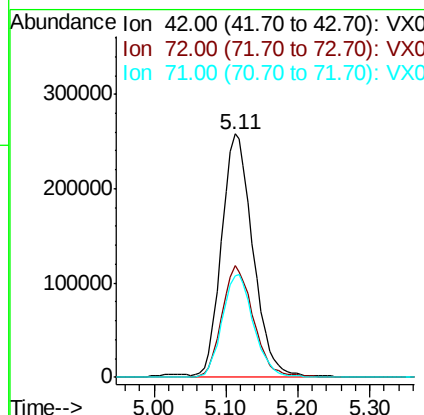
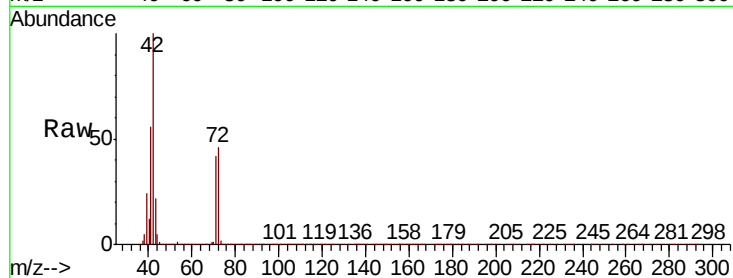
#29
Tetrahydrofuran
Concen: 241.190 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.0	36.3	54.5
71	42.2	33.2	49.8

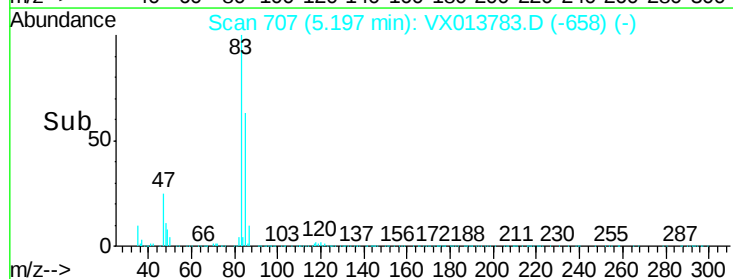
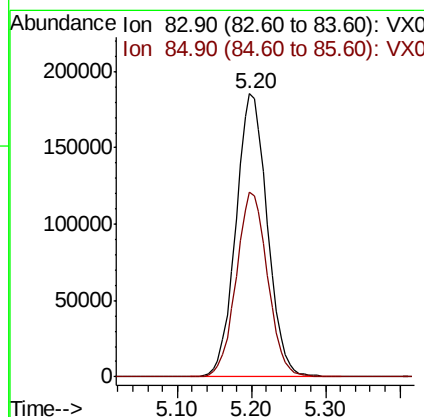
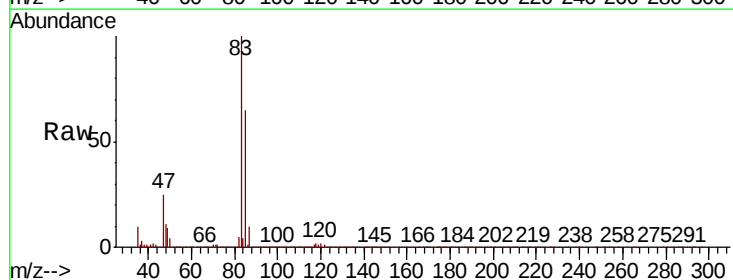
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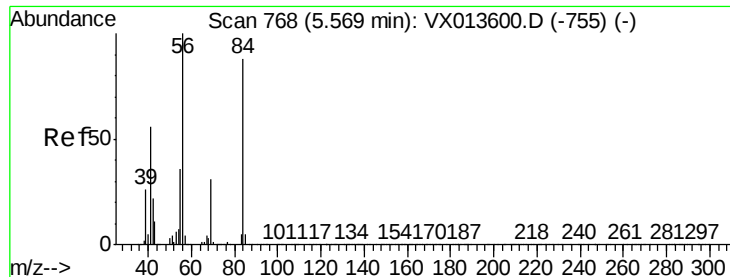
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#30
Chloroform
Concen: 48.442 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.2	75.4





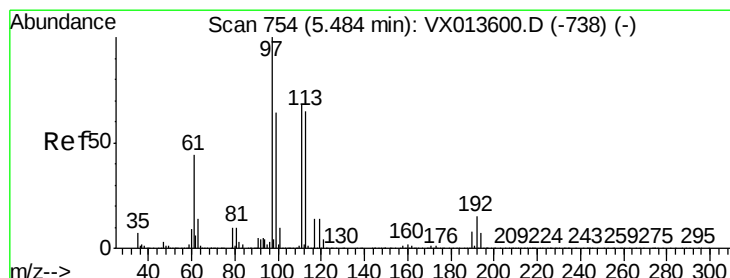
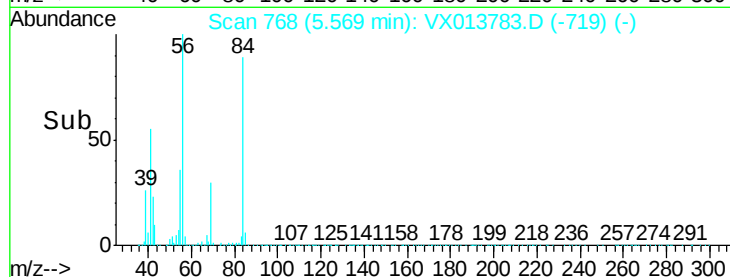
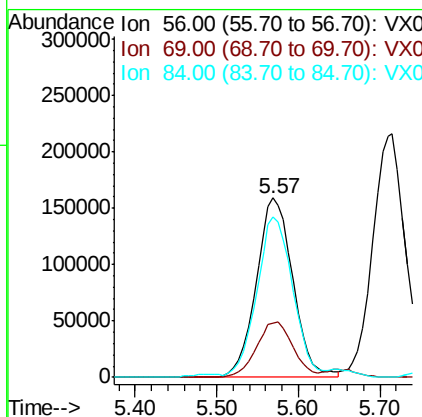
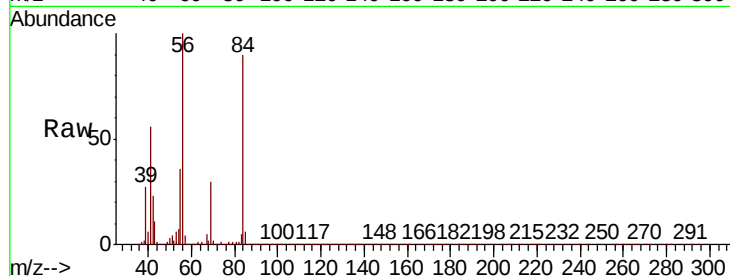
#31
Cyclohexane
Concen: 46.778 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.3	24.6	36.8
84	88.8	70.0	105.0

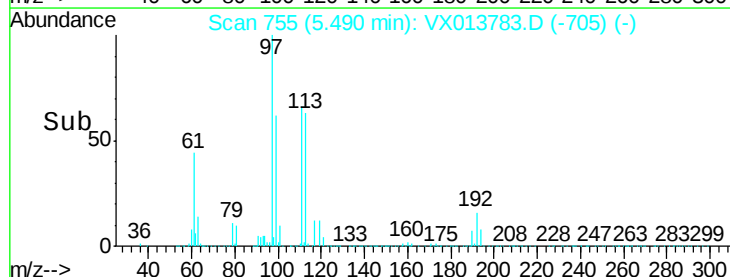
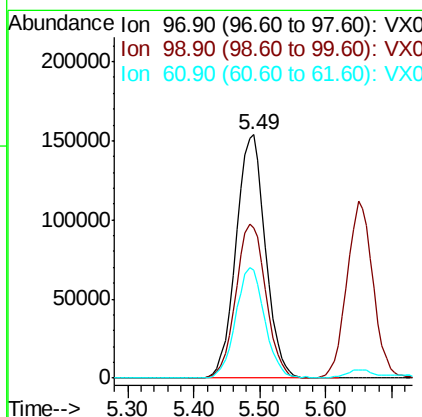
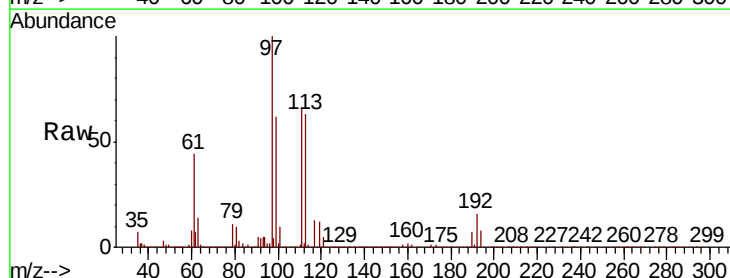
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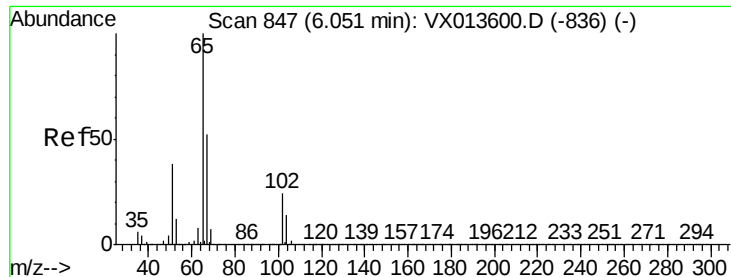
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#32
1,1,1-Trichloroethane
Concen: 49.857 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.6	77.4
61	44.5	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 47.630 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

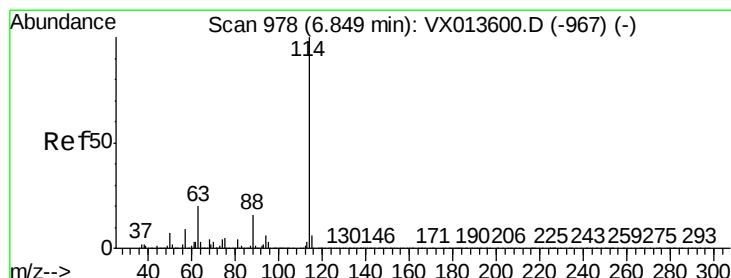
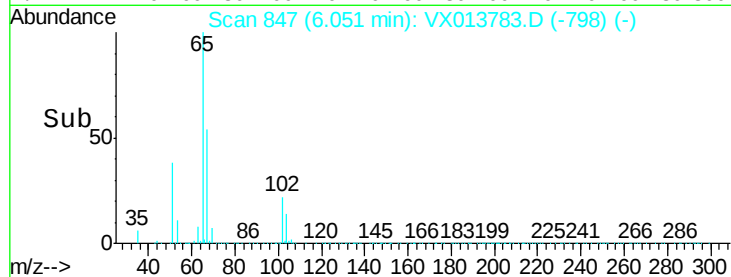
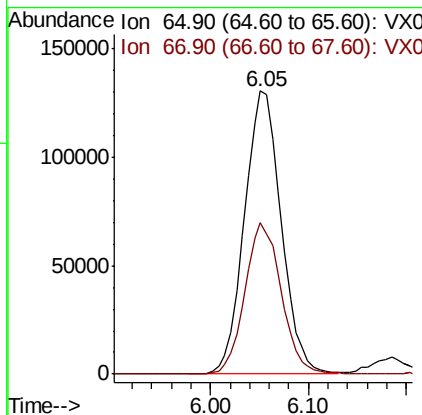
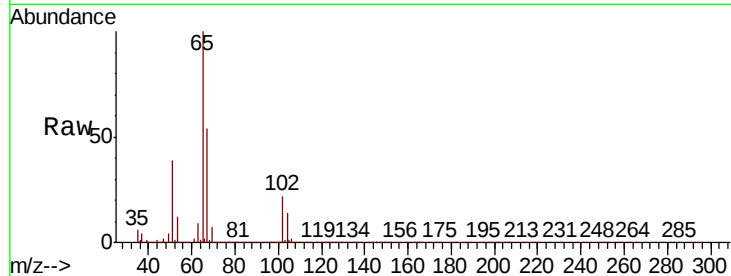
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	104.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

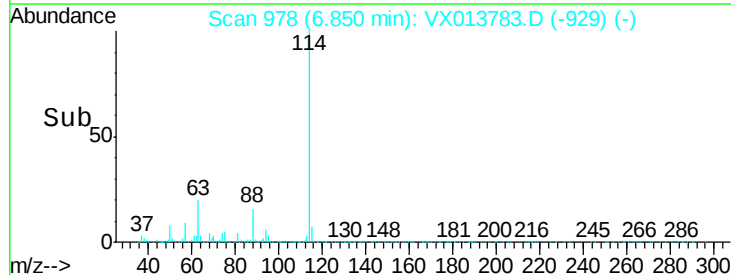
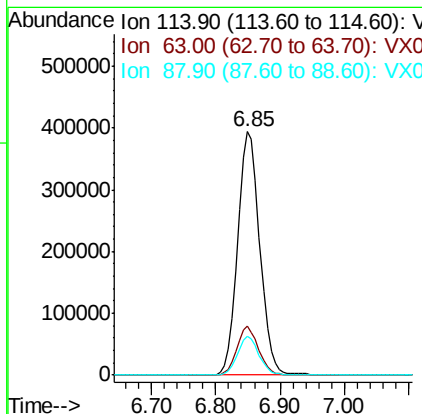
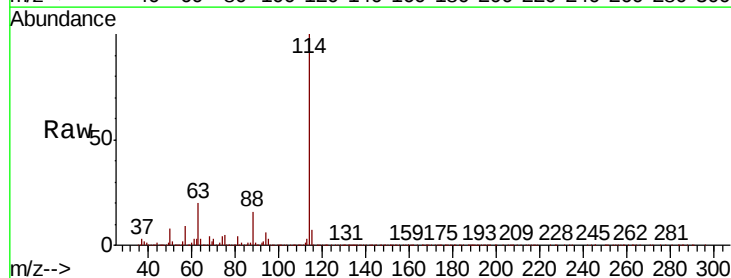
RT: 6.85 min Scan# 978

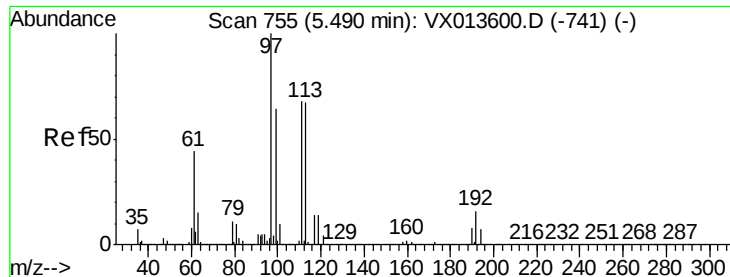
Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.6
88	15.7	0.0	31.4





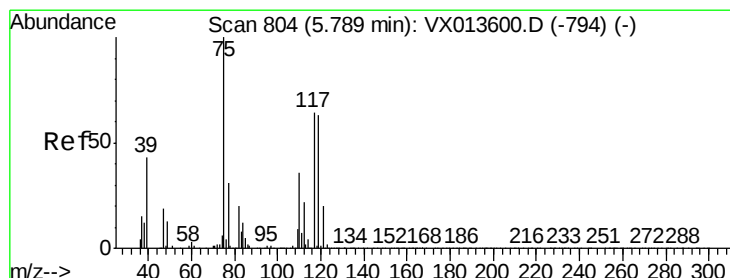
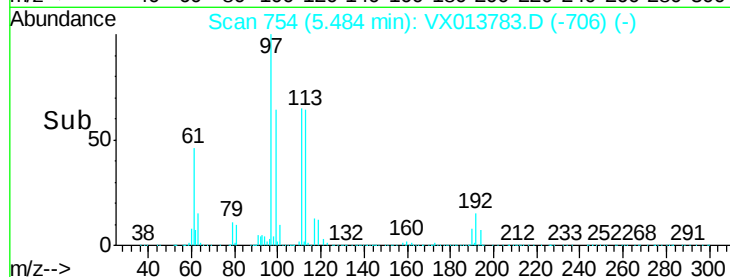
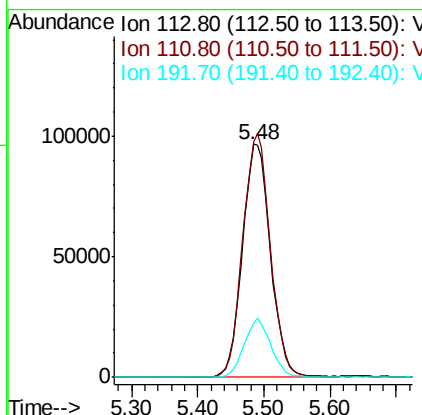
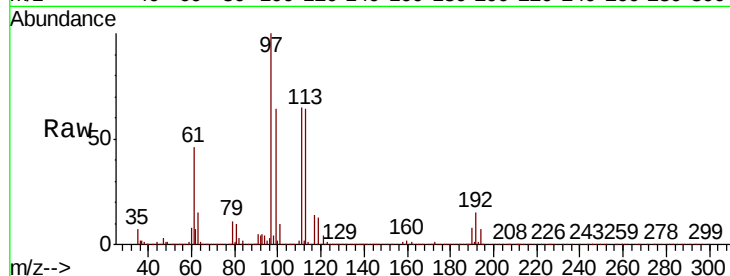
#35
Dibromofluoromethane
Concen: 49.119 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.6	125.4
192	24.4	19.2	28.8

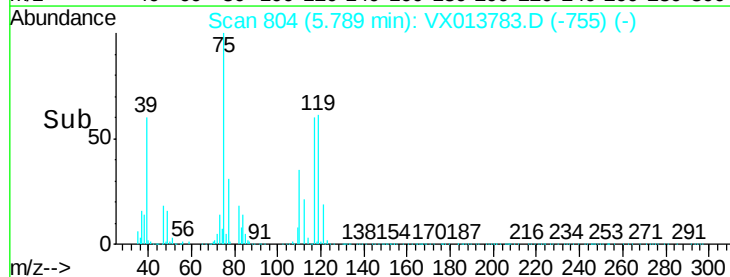
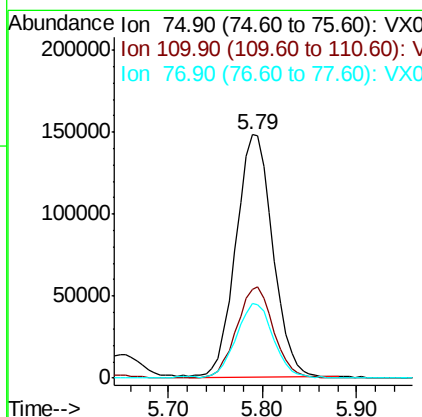
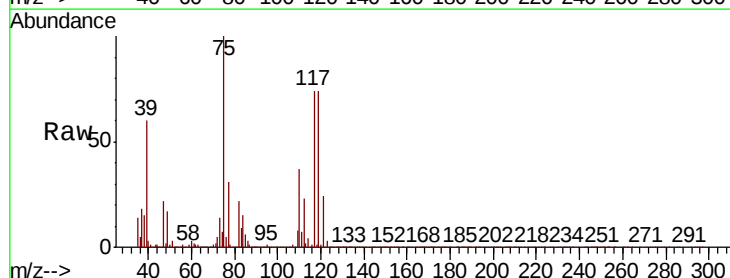
Manual Integrations
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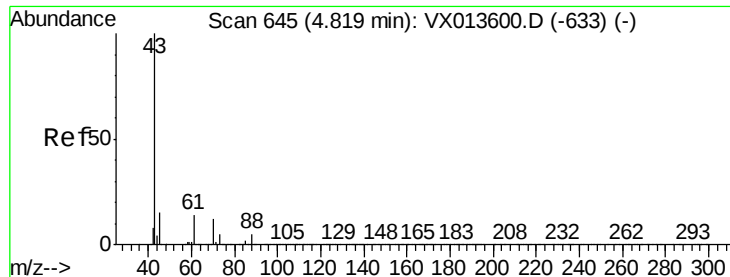
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#36
1,1-Dichloropropene
Concen: 47.654 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.8	18.1	54.1
77	30.9	24.5	36.7





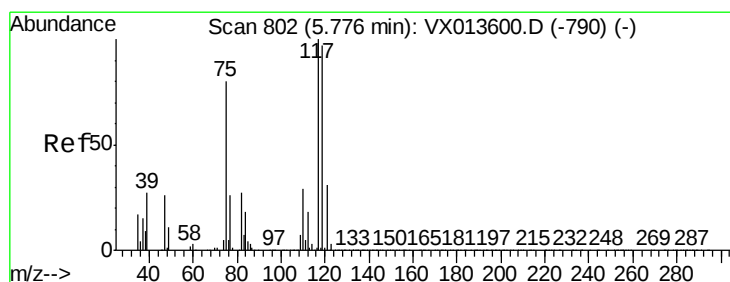
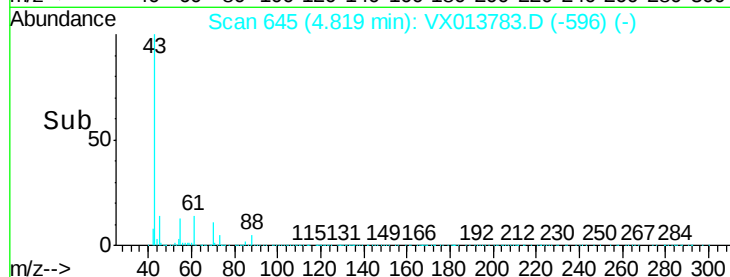
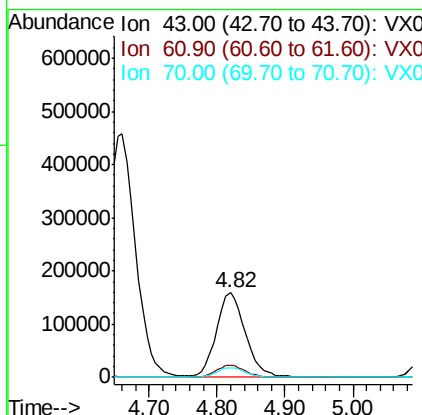
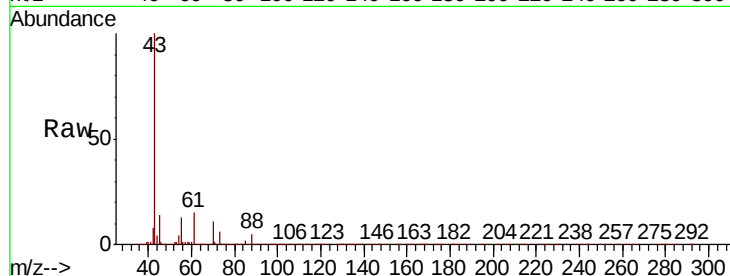
#37
Ethyl Acetate
Concen: 49.259 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	469870
Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.4
70	10.9	8.6	12.8

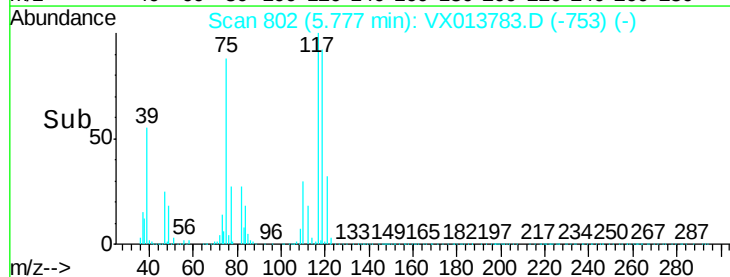
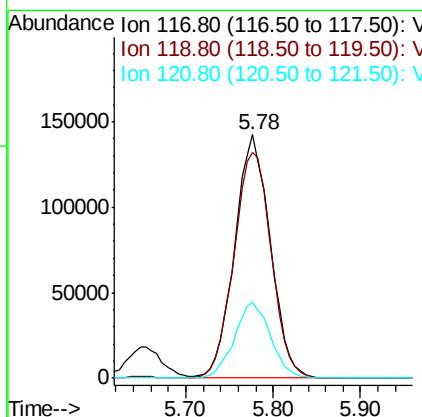
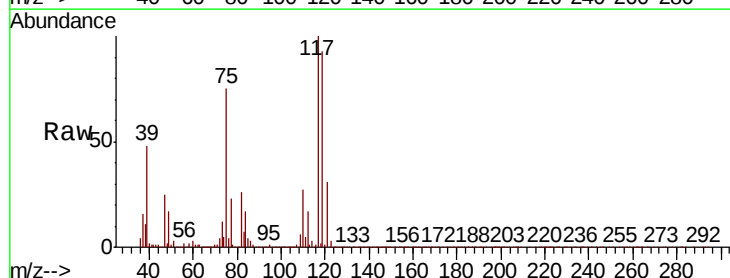
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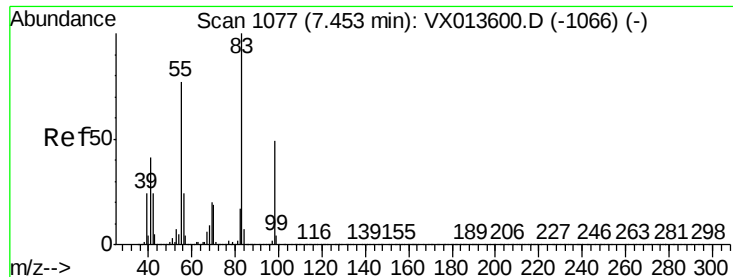
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#38
Carbon Tetrachloride
Concen: 51.193 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion:	117	Resp:	401365
Ion	Ratio	Lower	Upper
117	100		
119	92.6	77.5	116.3
121	31.3	25.0	37.6





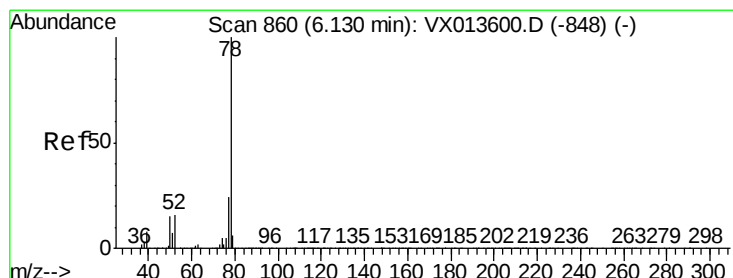
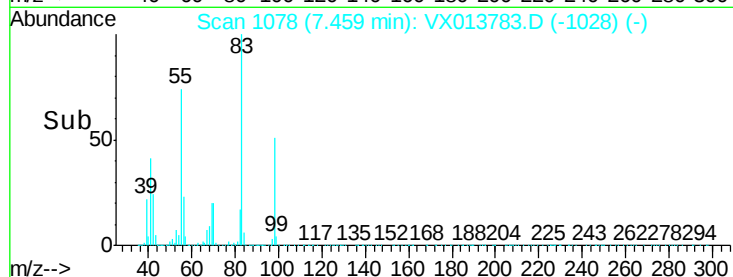
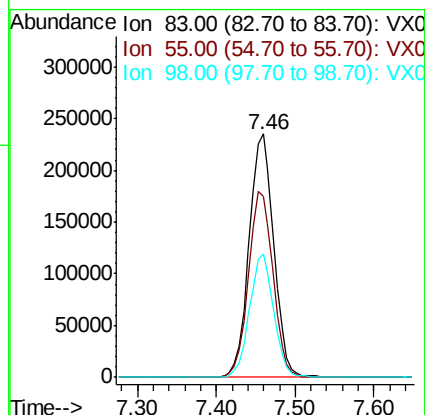
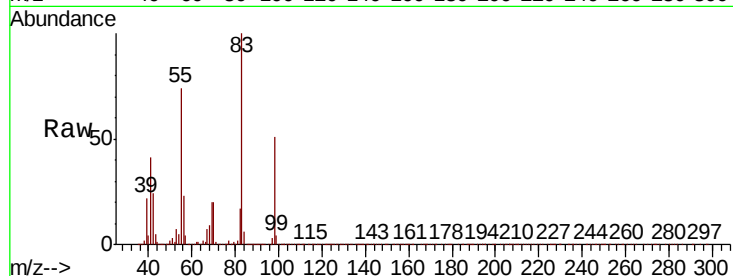
#39
Methvlcvclohexane
Concen: 48.645 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.1	61.9	92.9
98	50.6	39.4	59.0

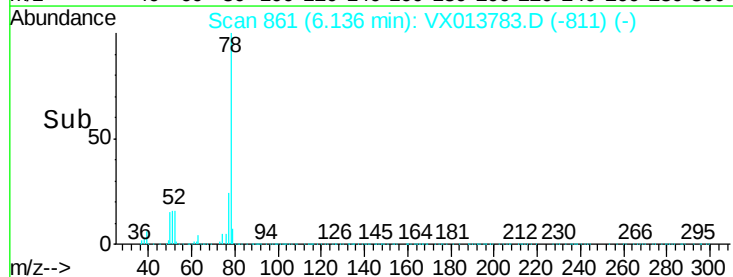
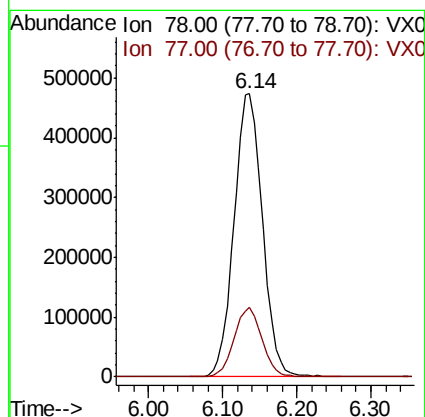
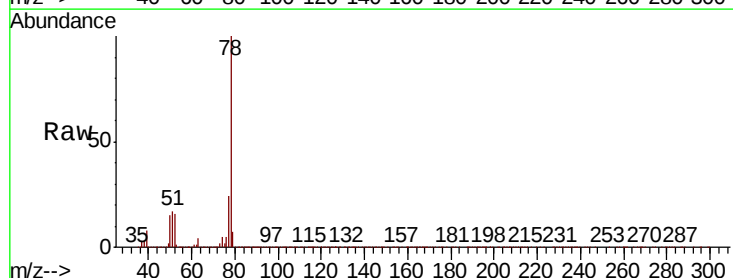
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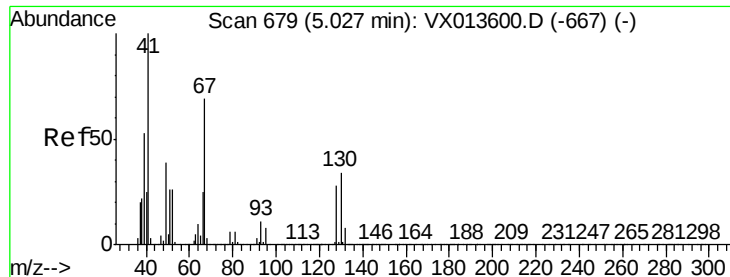
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#40
Benzene
Concen: 48.841 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.0	28.4





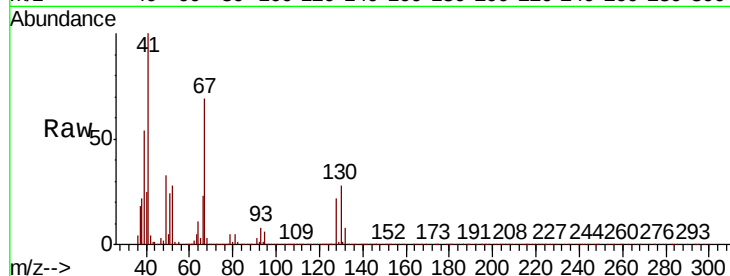
#41
Methacrylonitrile
Concen: 50.664 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

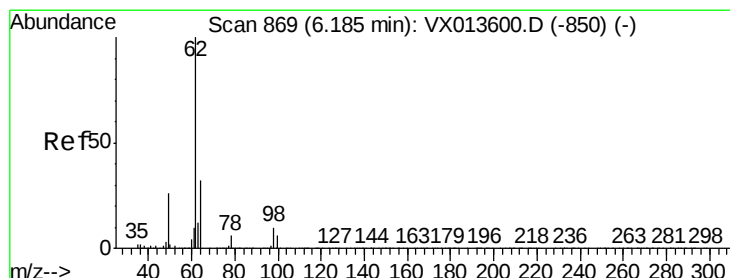
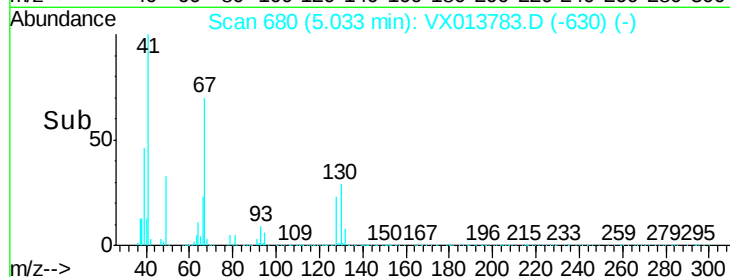
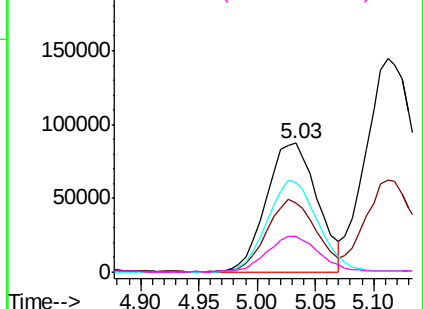
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		265036		
39	54.2	42.9	64.3		
67	71.2	57.4	86.0		
52	27.7	22.4	33.6		

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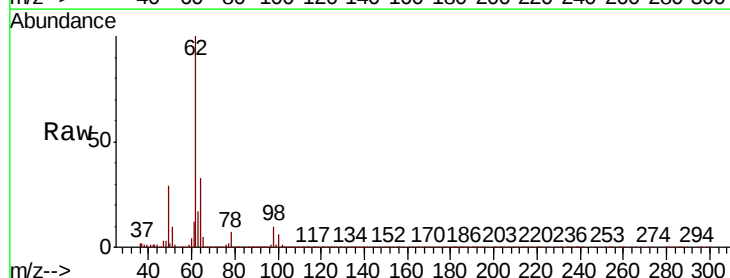


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

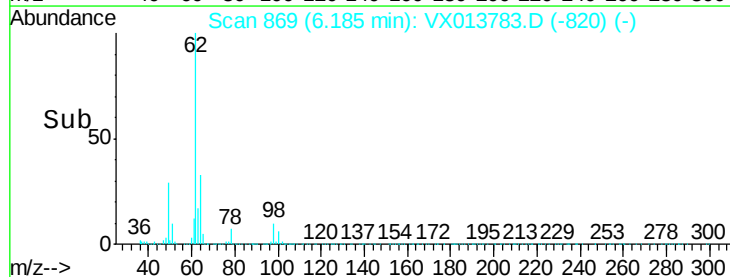
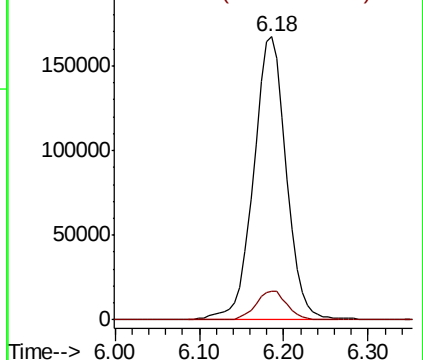


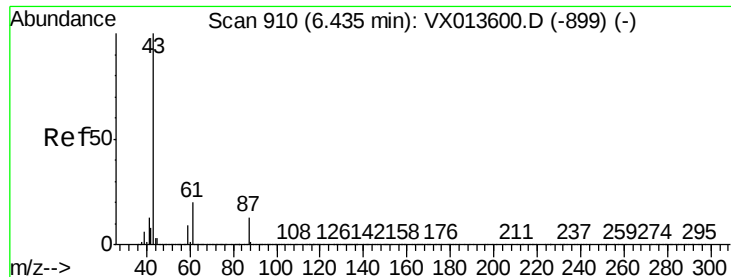
#42
1,2-Dichloroethane
Concen: 50.098 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		442452		
98	10.1	0.0	20.8		



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

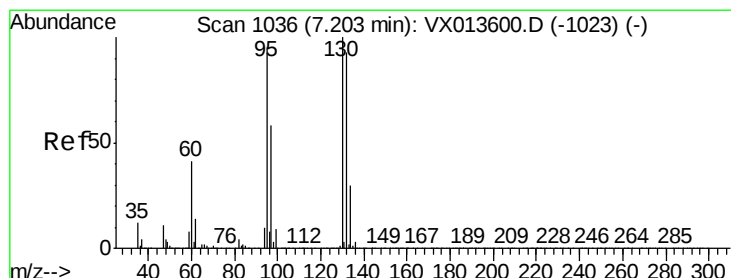
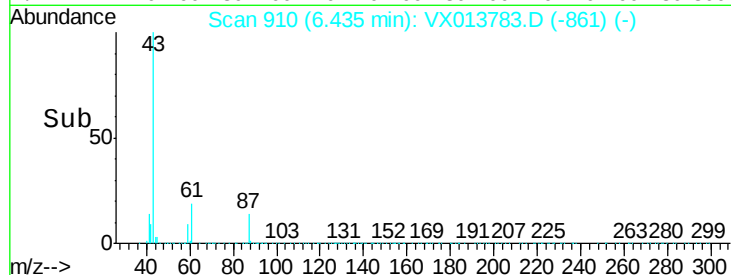
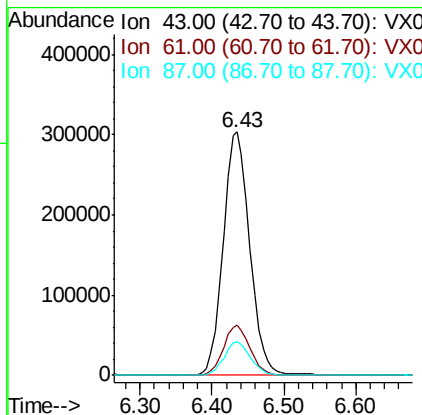
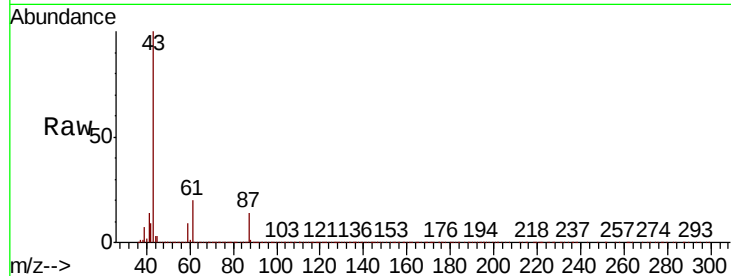
Isopropyl Acetate
 Concen: 49.221 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX013783.D
 Acq: 05 Dec 2019 18:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.3	24.5
87	13.5	10.8	16.2

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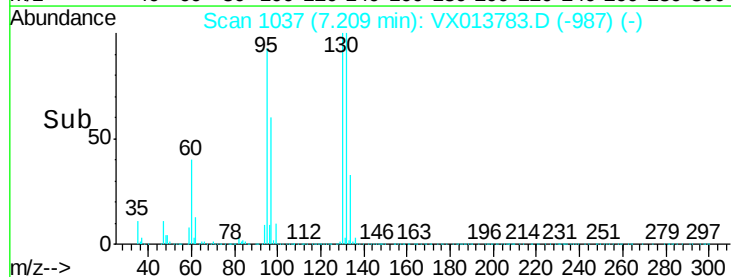
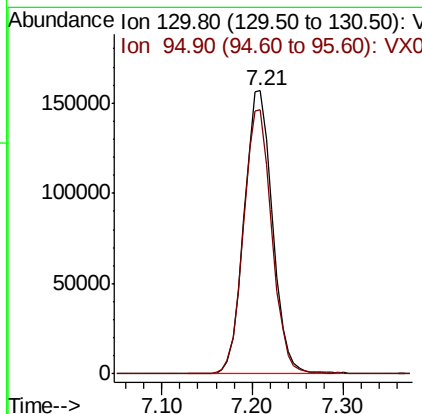
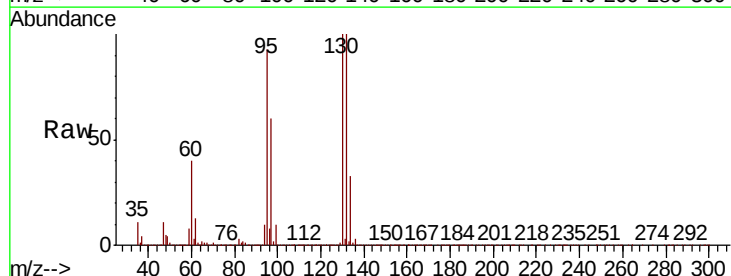
apatel
 12/6/2019 11:37:30 AM

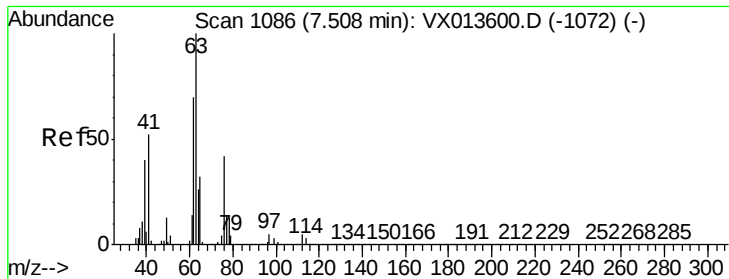


#44

Trichloroethene
 Concen: 47.589 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013783.D
 Acq: 05 Dec 2019 18:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	190.8





#45

1,2-Dichloropropane

Concen: 51.569 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 334128

Ion Ratio Lower Upper

63 100

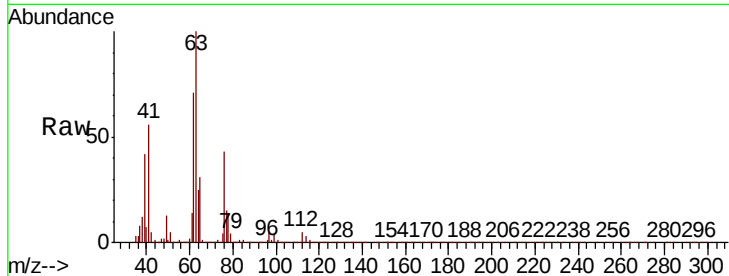
65 31.2 25.5 38.3

Manual Integrations

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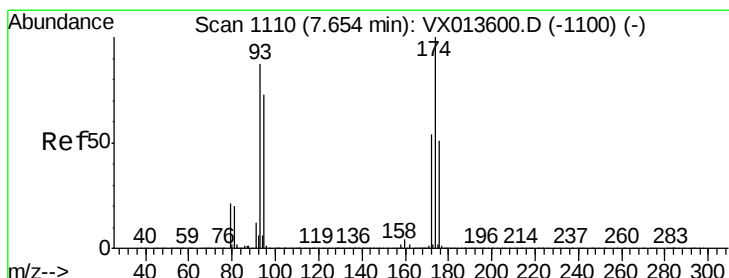
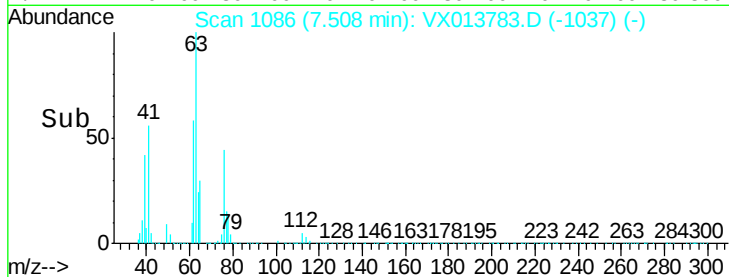
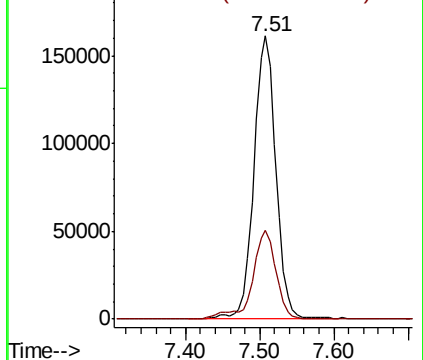
apatel

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.871 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

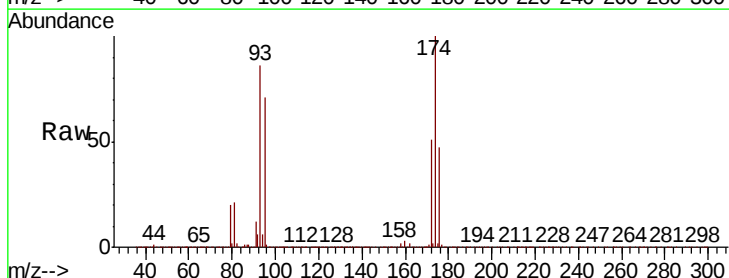
Tgt Ion: 93 Resp: 215060

Ion Ratio Lower Upper

93 100

95 83.7 66.2 99.2

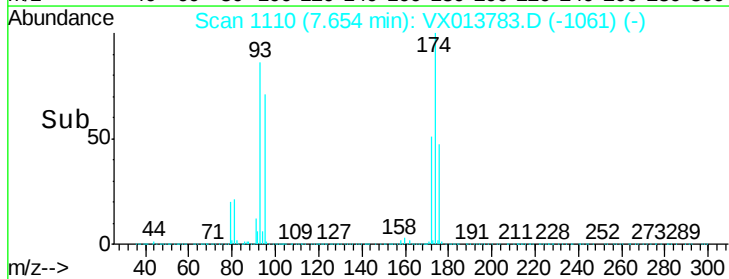
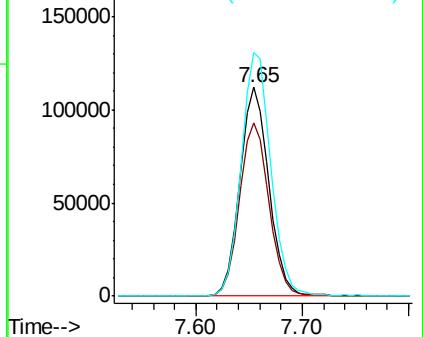
174 119.1 93.4 140.0



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.349 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

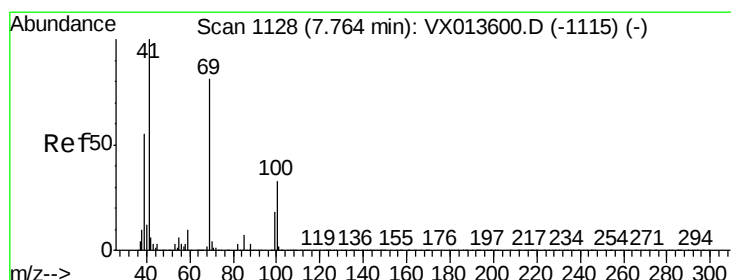
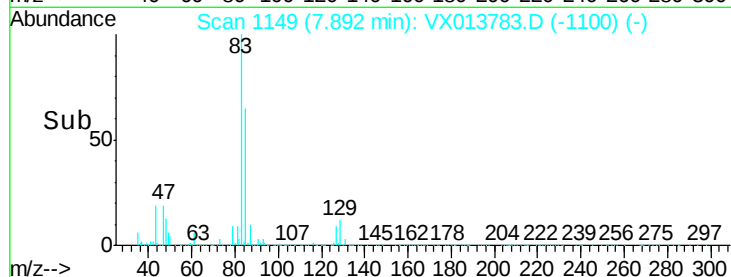
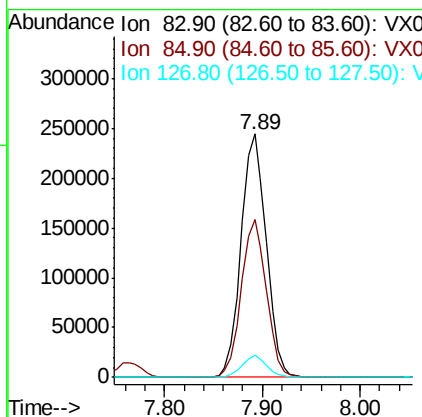
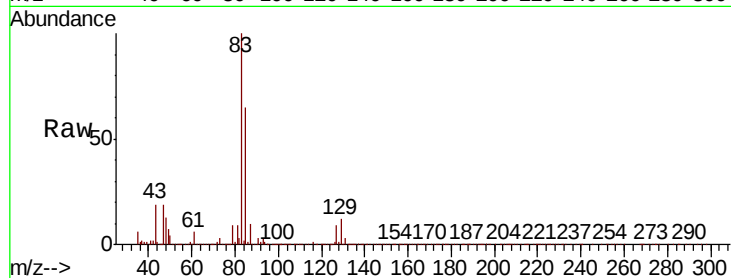
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	435496
Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.1	78.1
127	9.2	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.006 ug/l

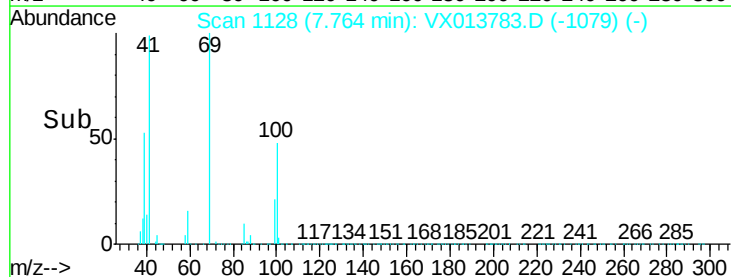
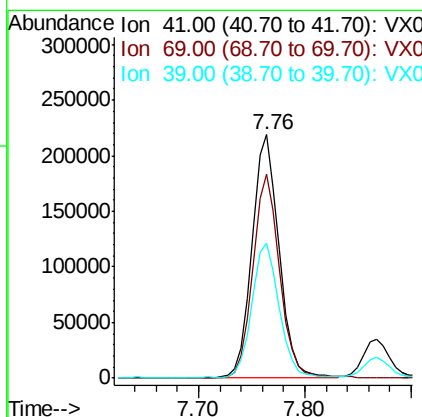
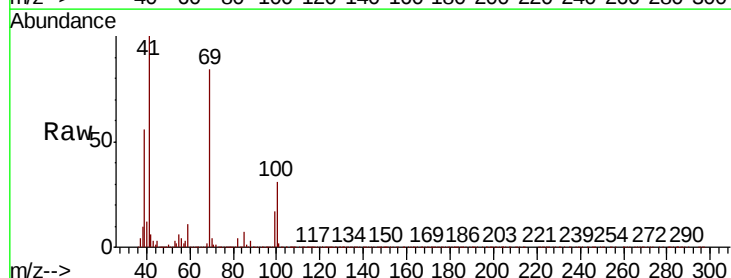
RT: 7.76 min Scan# 1128

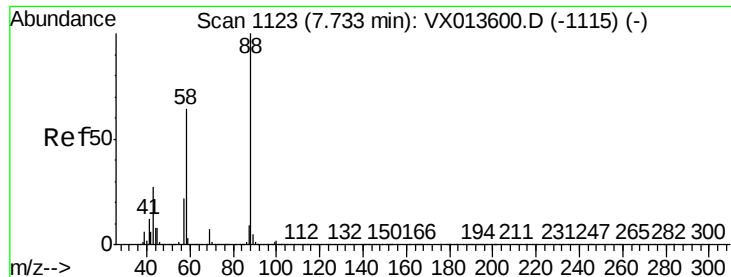
Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Tgt Ion:	41	Resp:	389179
Ion	Ratio	Lower	Upper
41	100		
69	82.6	64.7	97.1
39	56.2	43.8	65.6





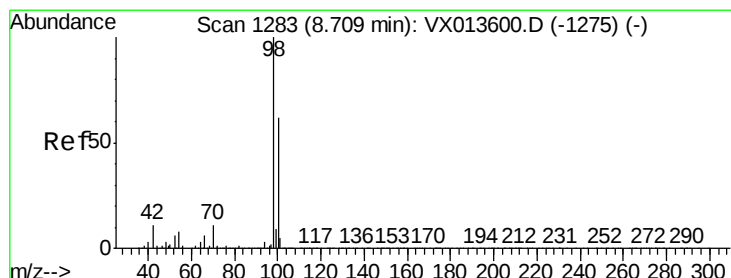
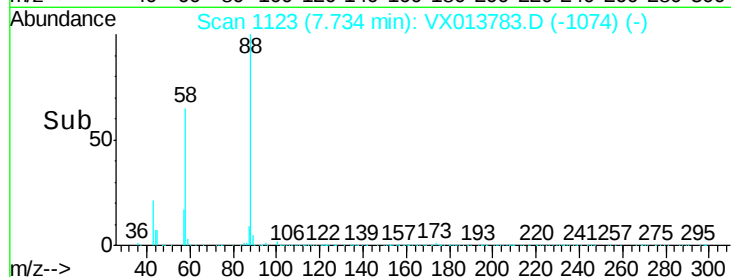
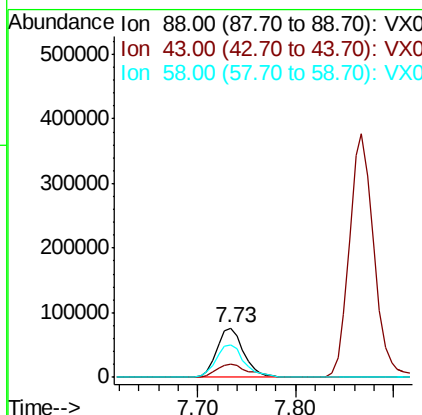
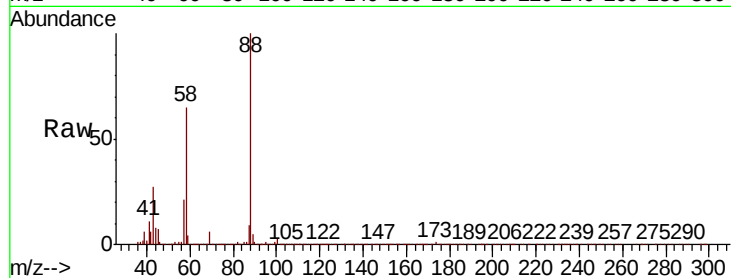
#49
1,4-Dioxane
Concen: 843.863 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.4	25.8	38.6
58	69.7	54.6	82.0

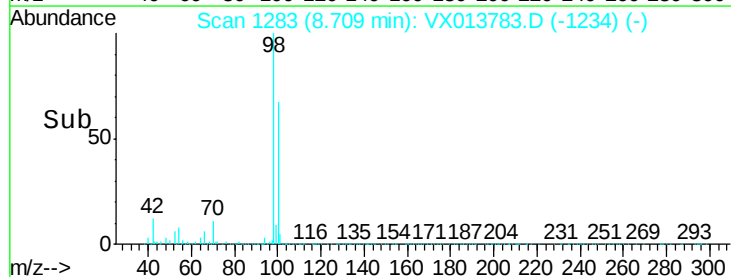
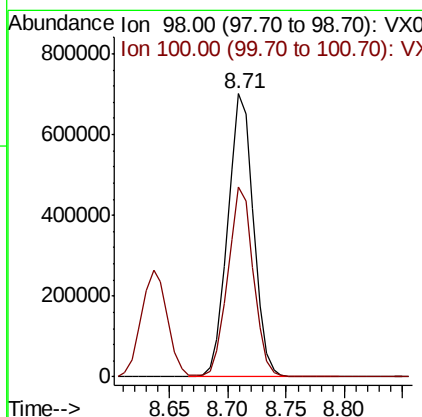
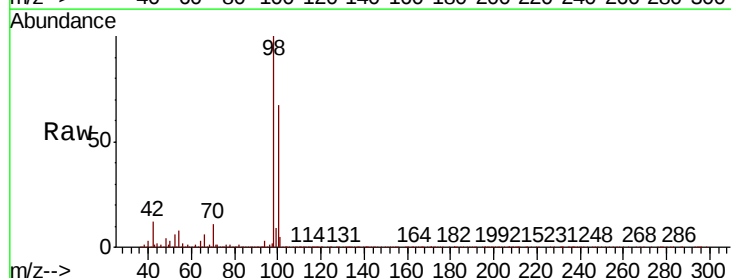
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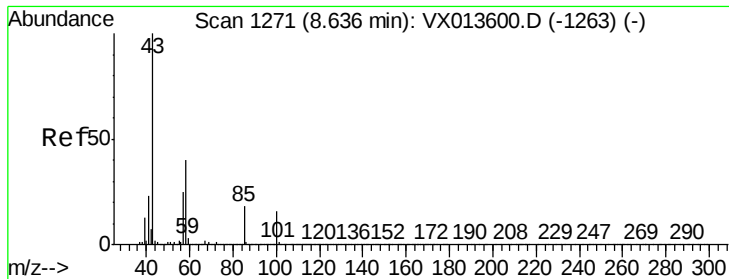
apatel
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#50
Toluene-d8
Concen: 47.574 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 247.200 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2441855

Ion Ratio Lower Upper

43 100

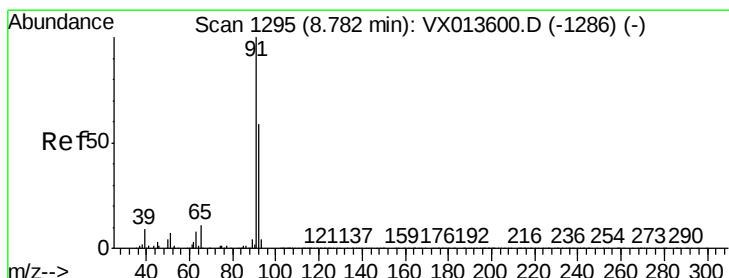
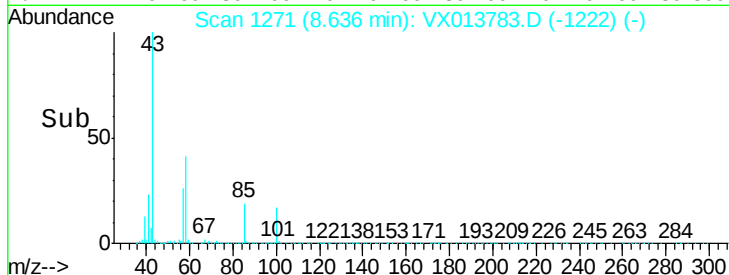
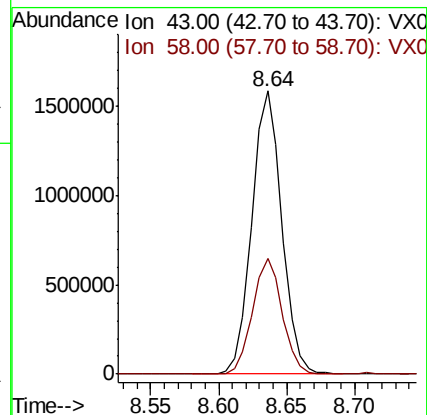
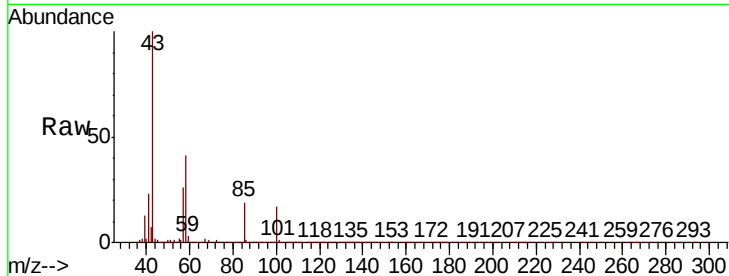
58 40.5 32.1 48.1

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#52

Toluene

Concen: 49.609 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013783.D

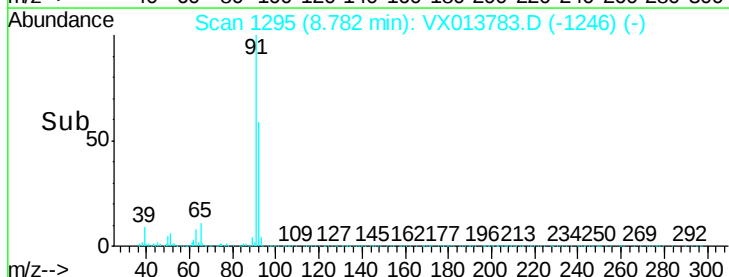
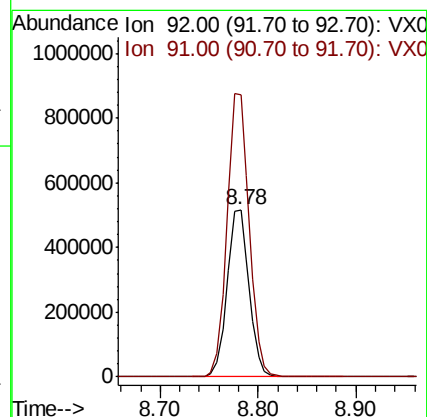
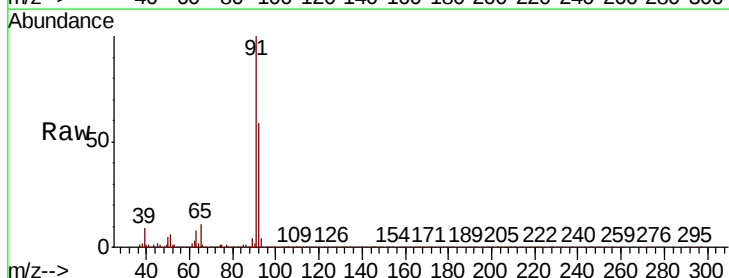
Acq: 05 Dec 2019 18:24

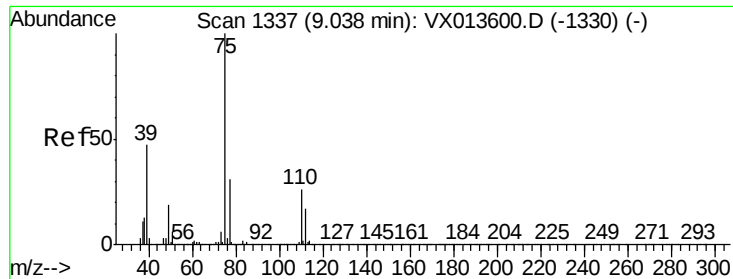
Tgt Ion: 92 Resp: 798102

Ion Ratio Lower Upper

92 100

91 171.5 136.2 204.2





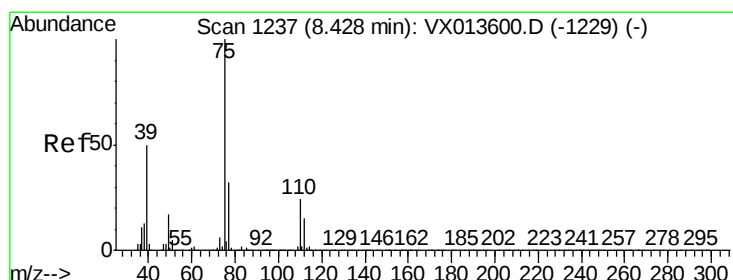
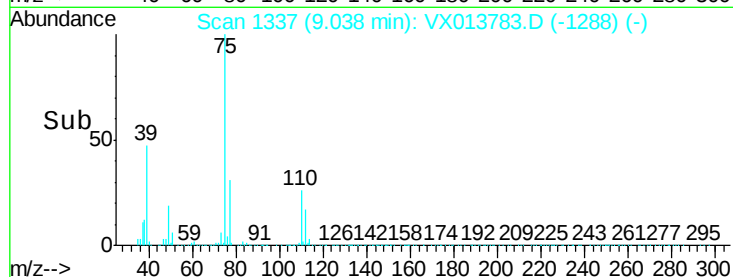
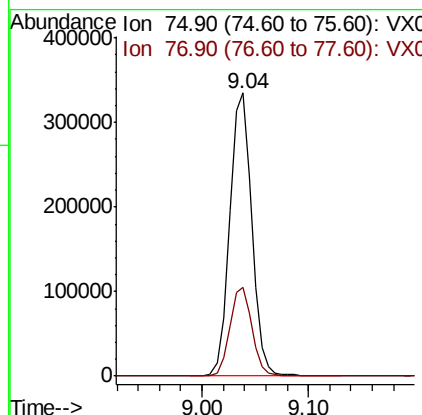
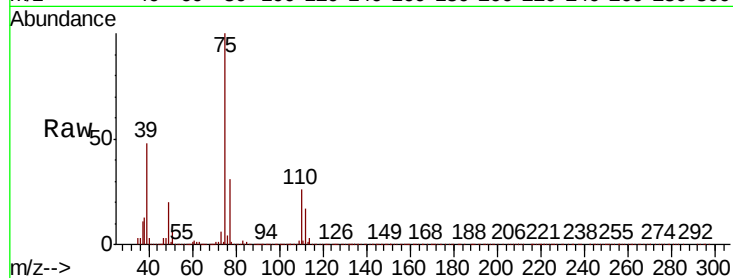
#53
t-1,3-Dichloropropene
Concen: 51.336 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.4	36.6

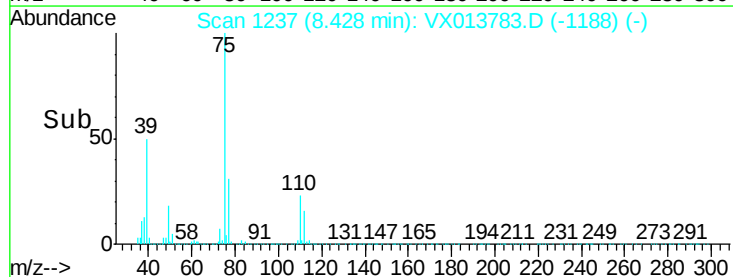
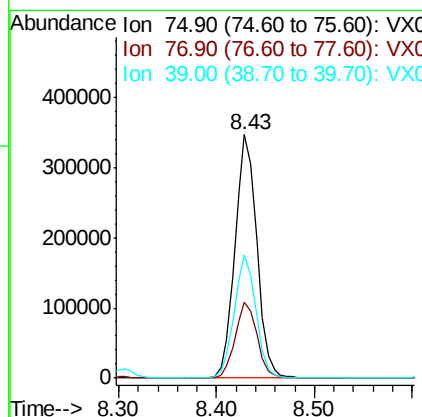
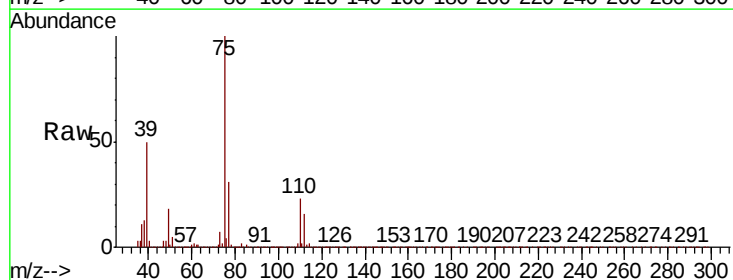
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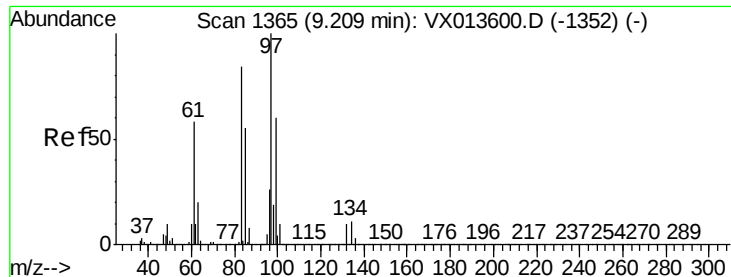
apatel
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#54
cis-1,3-Dichloropropene
Concen: 52.183 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.8	38.6
39	50.3	39.9	59.9





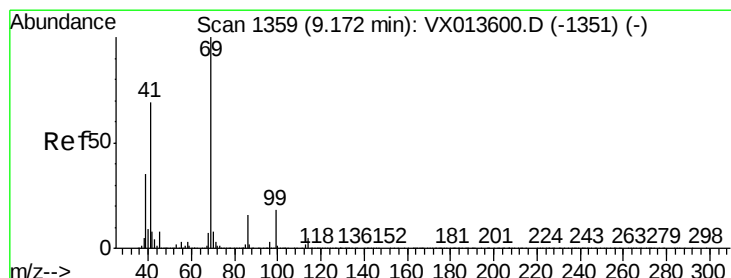
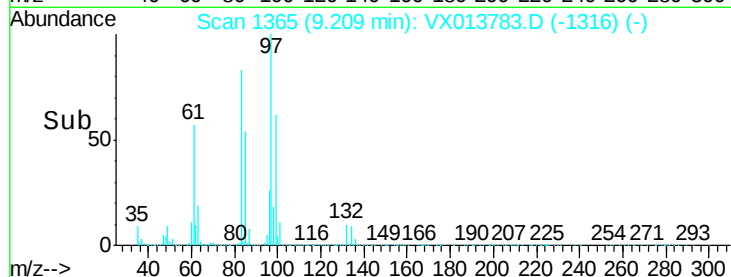
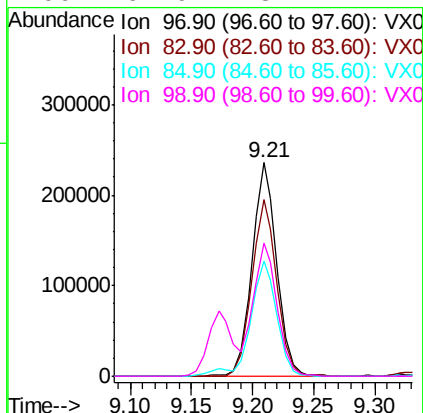
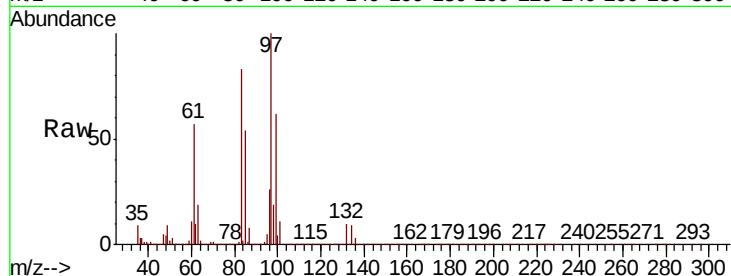
#55
 1,1,2-Trichloroethane
 Concen: 51.099 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013783.D
 Acq: 05 Dec 2019 18:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		331284		
83	82.8	67.3	100.9		
85	53.5	43.6	65.4		
99	61.9	48.2	72.4		

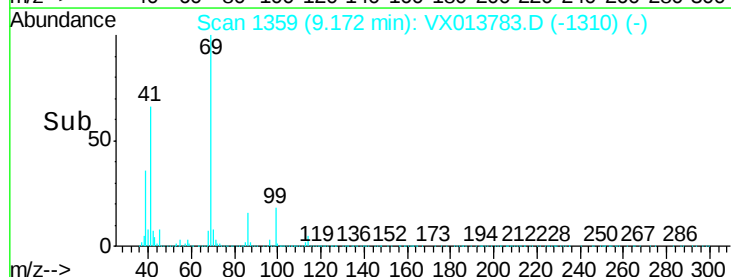
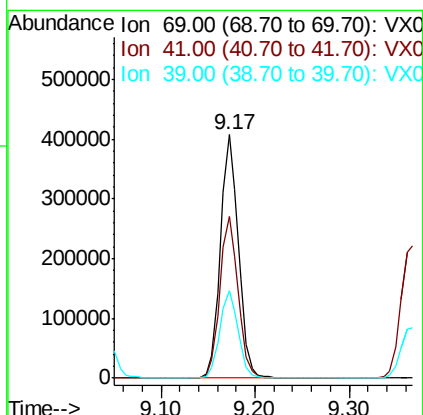
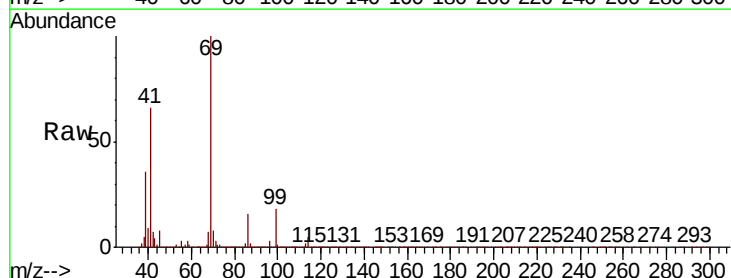
Manual Integrations
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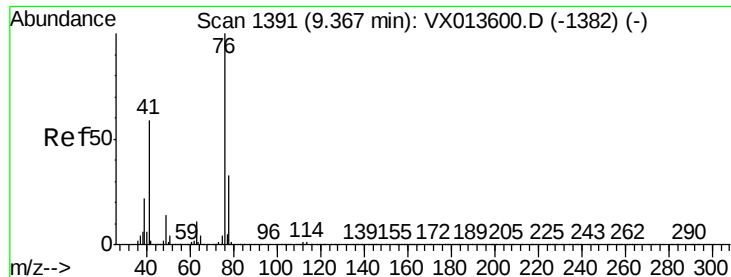
apatel
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#56
 Ethyl methacrylate
 Concen: 52.002 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013783.D
 Acq: 05 Dec 2019 18:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		542027		
41	66.7	55.0	82.4		
39	36.0	28.7	43.1		





#57

1,3-Dichloropropane

Concen: 49.533 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 553517

Ion Ratio Lower Upper

76 100

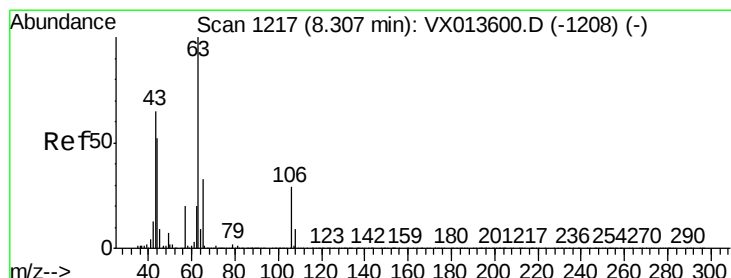
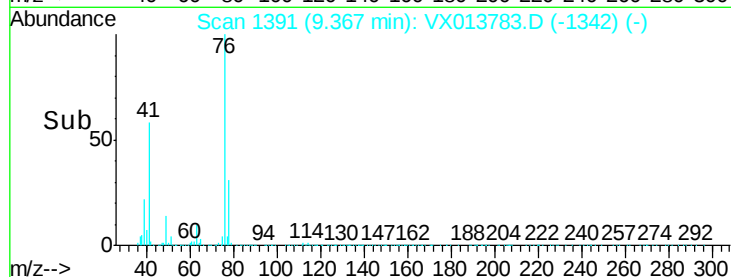
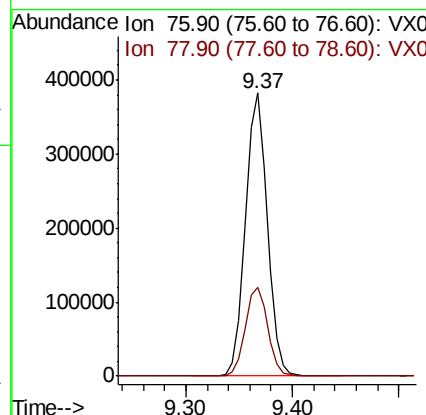
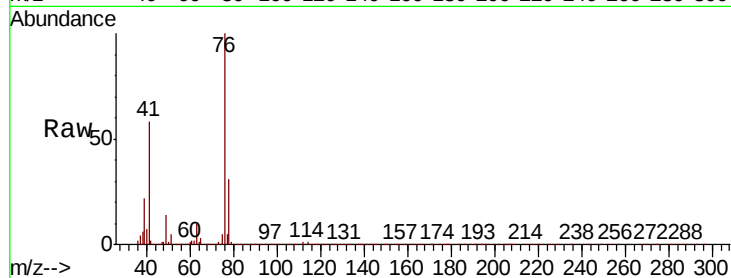
78 32.2 26.0 39.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 235.174 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013783.D

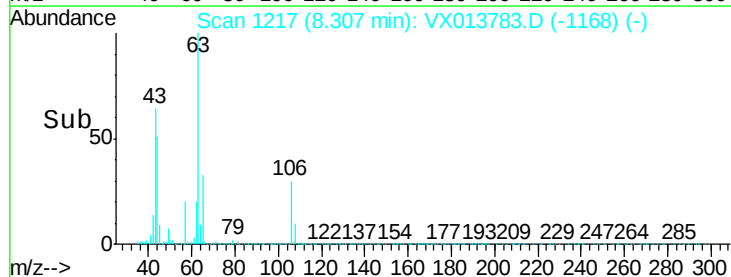
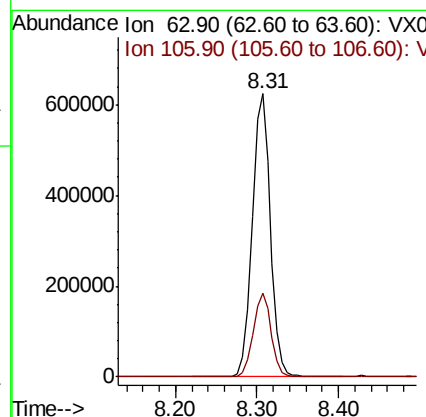
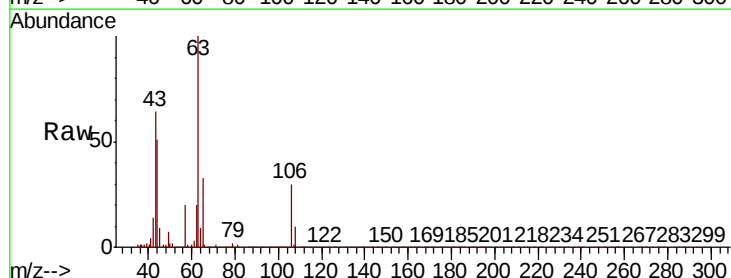
Acq: 05 Dec 2019 18:24

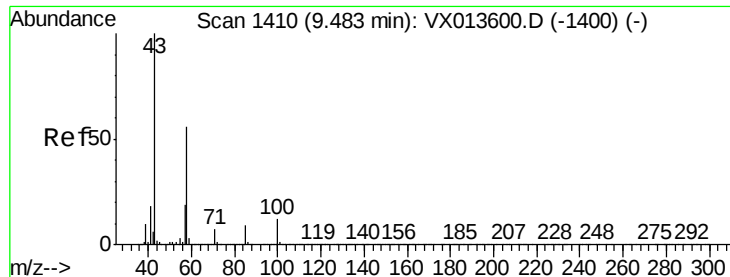
Tgt Ion: 63 Resp: 961078

Ion Ratio Lower Upper

63 100

106 29.6 23.4 35.0





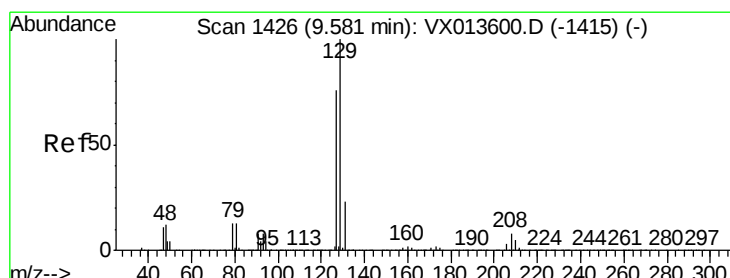
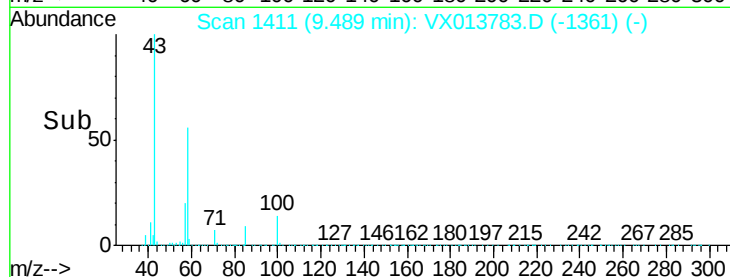
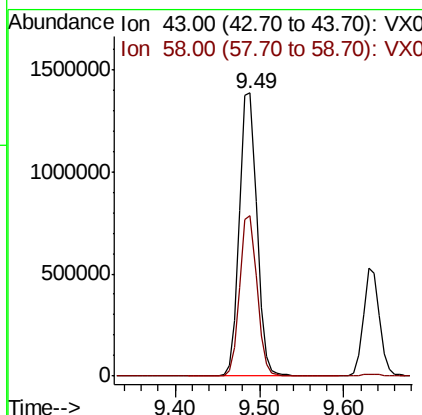
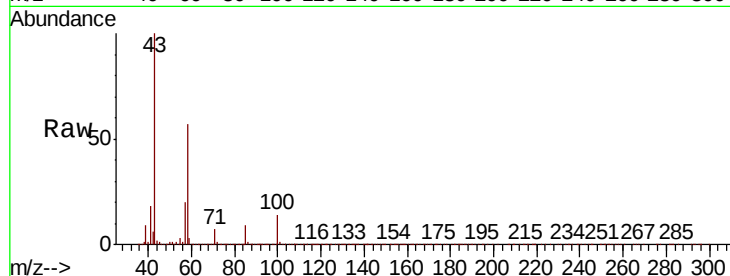
#59
2-Hexanone
Concen: 249.188 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1919777
Ion Ratio Lower Upper
43 100
58 55.9 28.1 84.4

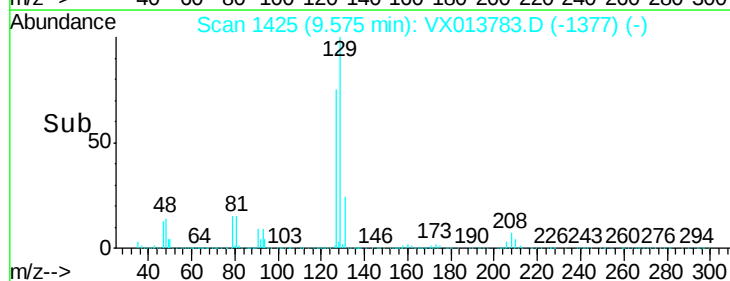
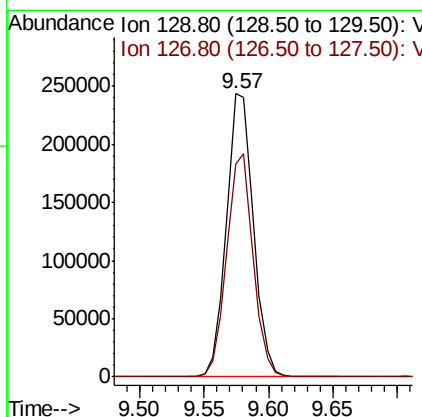
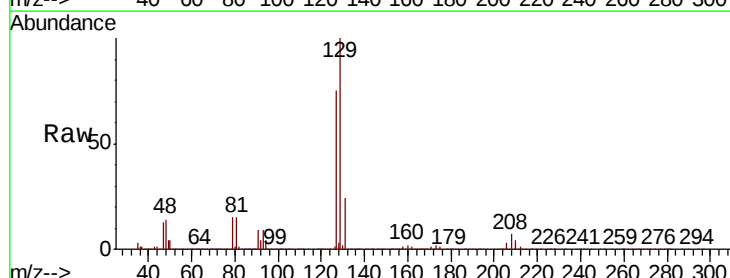
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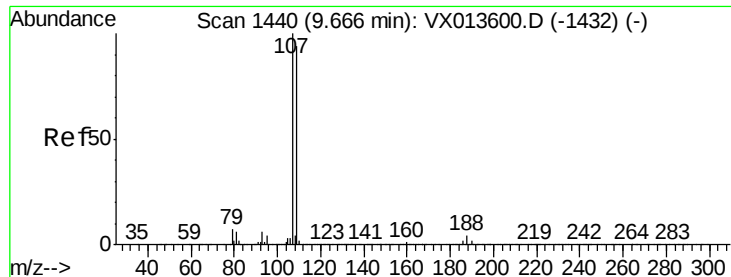
apatel
12/6/2019 11:37:30 AM



#60
Dibromochloromethane
Concen: 53.439 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion: 129 Resp: 359542
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.081 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 346774

Ion Ratio Lower Upper

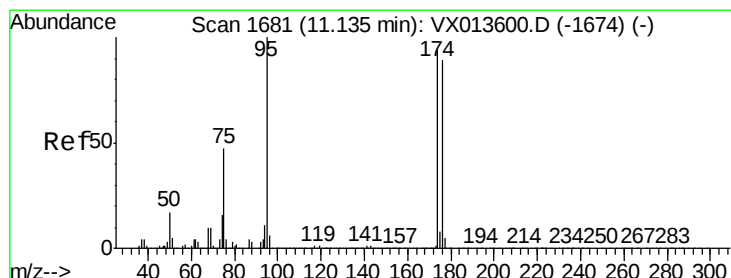
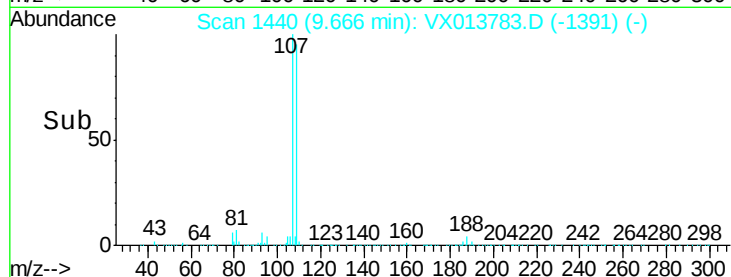
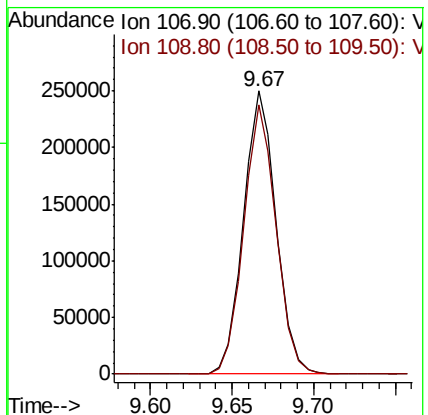
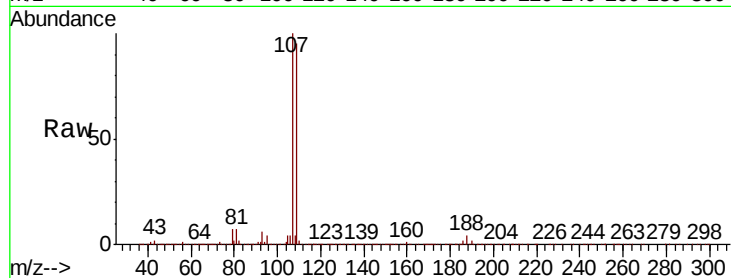
107 100

109 94.7 76.1 114.1

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#62

4-Bromofluorobenzene

Concen: 48.735 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

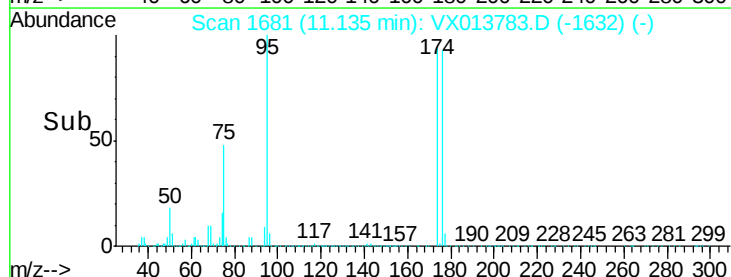
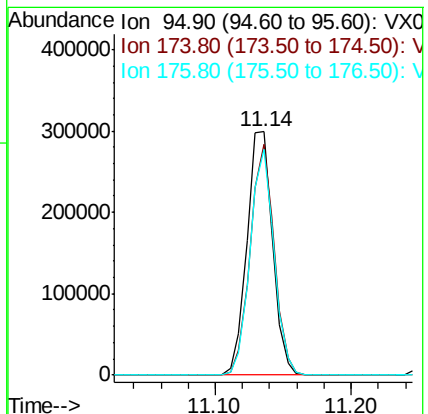
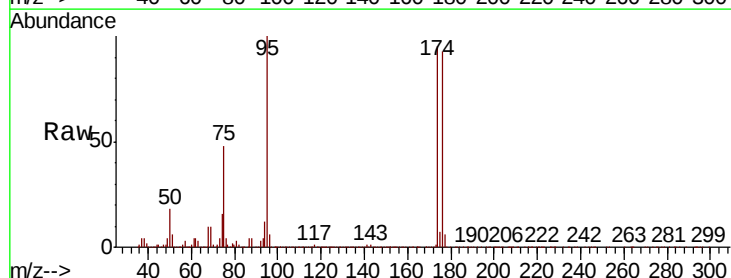
Tgt Ion: 95 Resp: 396490

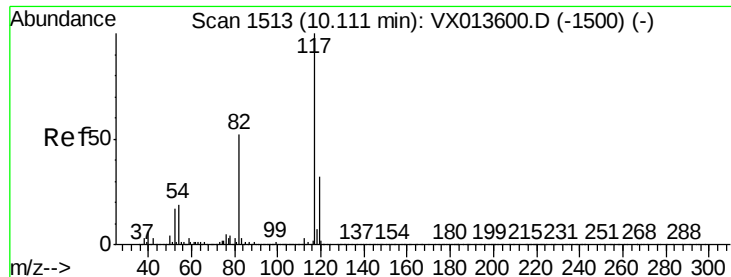
Ion Ratio Lower Upper

95 100

174 88.8 0.0 180.0

176 86.9 0.0 173.6





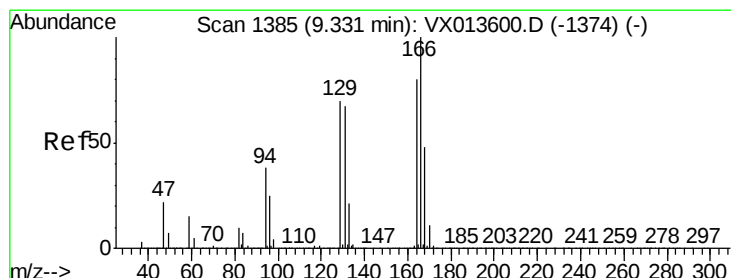
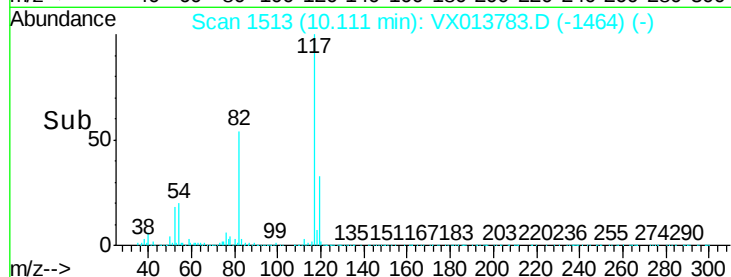
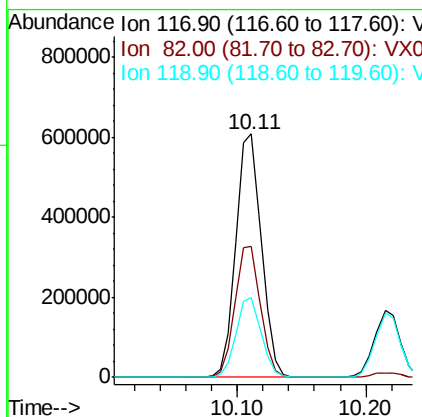
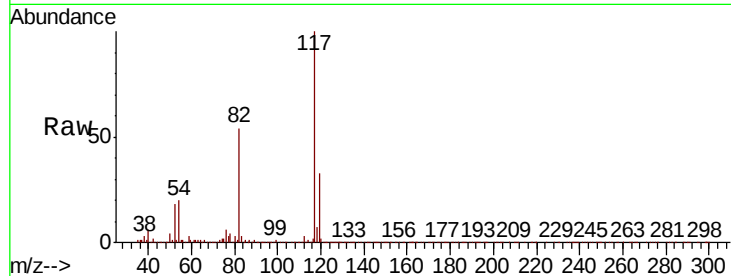
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	41.8	62.8
119	32.8	25.8	38.8

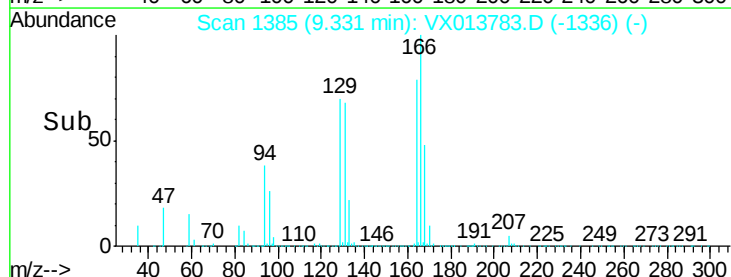
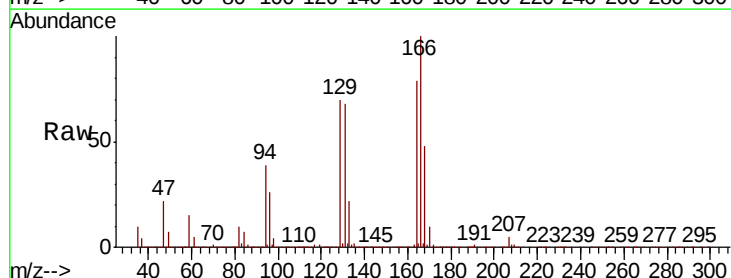
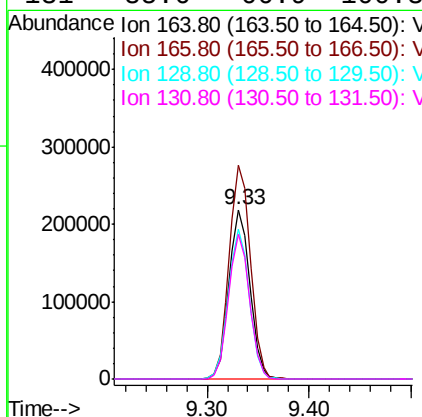
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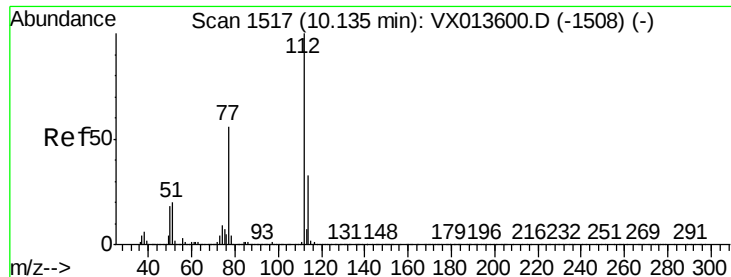
apatel
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#64
Tetrachloroethene
Concen: 49.622 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	99.7	149.5
129	88.4	70.1	105.1
131	85.6	66.9	100.3





#65

Chlorobenzene

Concen: 49.859 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 870821

Ion Ratio Lower Upper

112 100

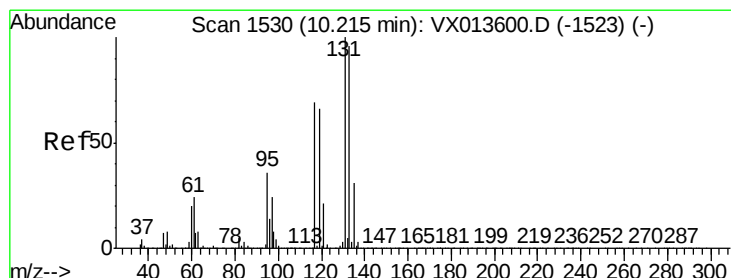
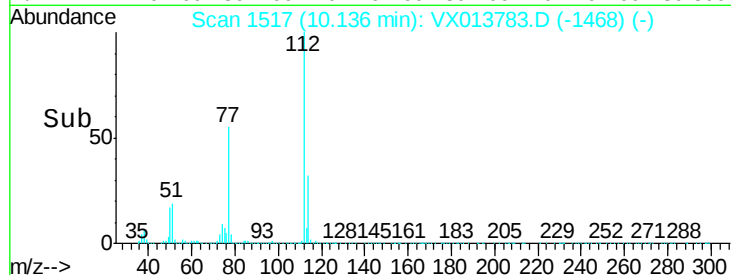
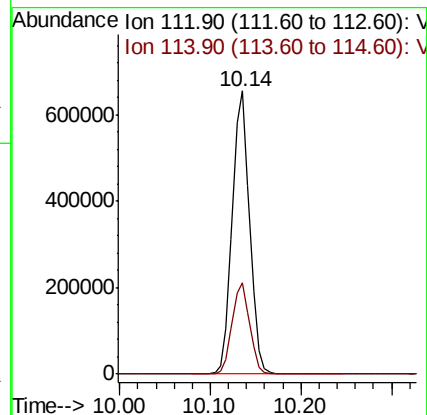
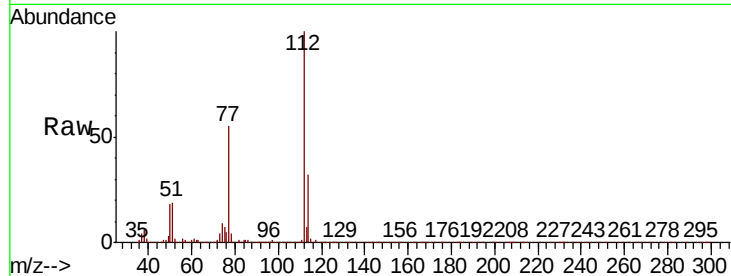
114 32.3 26.1 39.1

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#66

1,1,1,2-Tetrachloroethane

Concen: 52.752 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

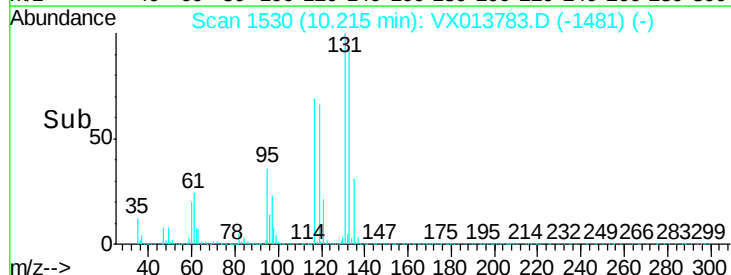
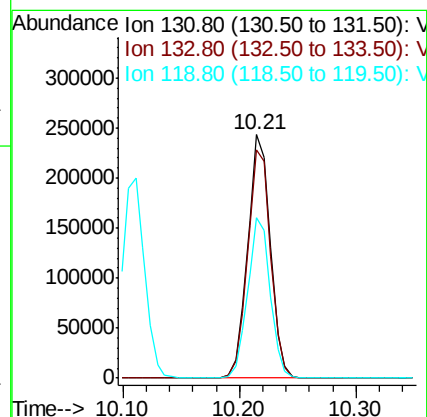
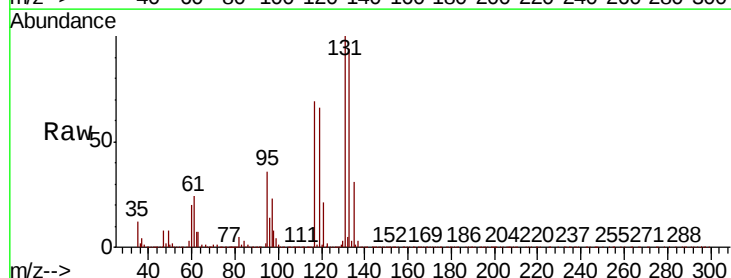
Tgt Ion:131 Resp: 330844

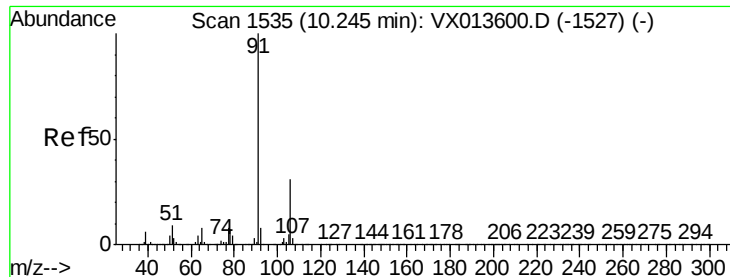
Ion Ratio Lower Upper

131 100

133 95.2 47.7 143.1

119 65.4 32.9 98.6





#67

Ethyl Benzene

Concen: 51.399 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1542612

Ion Ratio Lower Upper

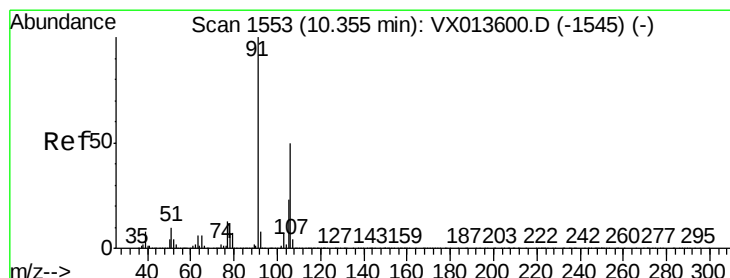
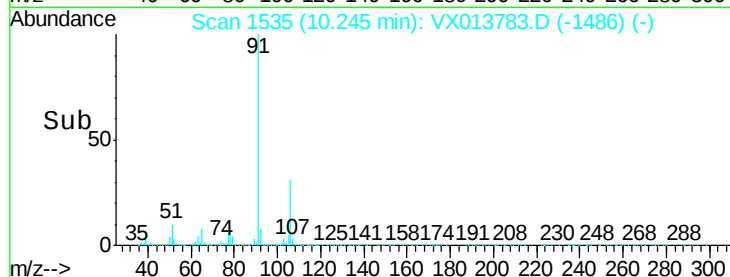
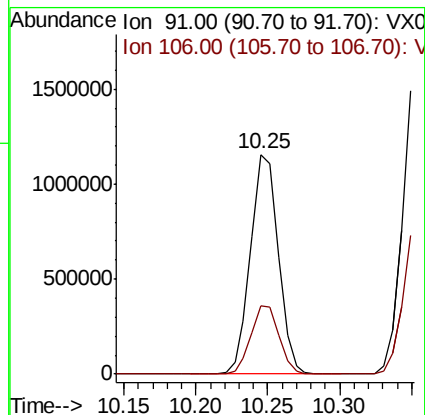
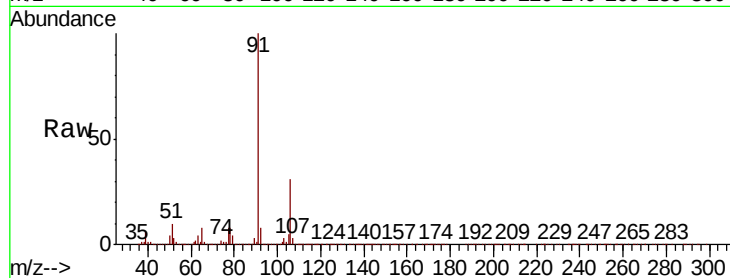
91 100

106 31.1 24.5 36.7

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#68

m/p-Xylenes

Concen: 101.862 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013783.D

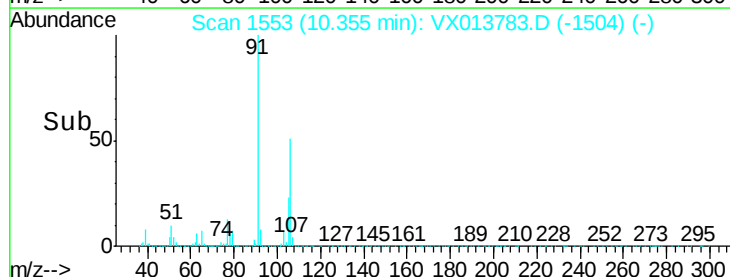
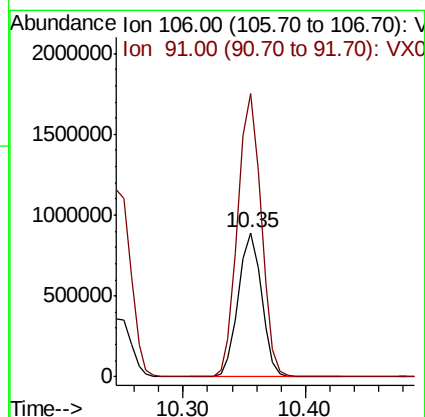
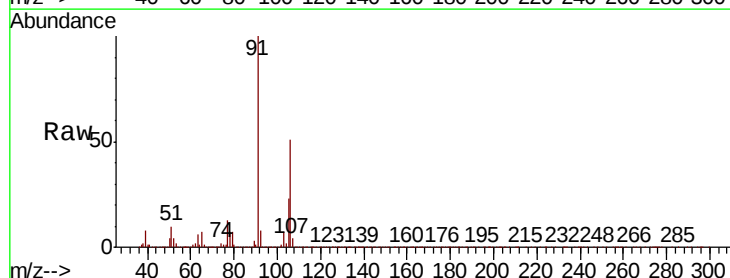
Acq: 05 Dec 2019 18:24

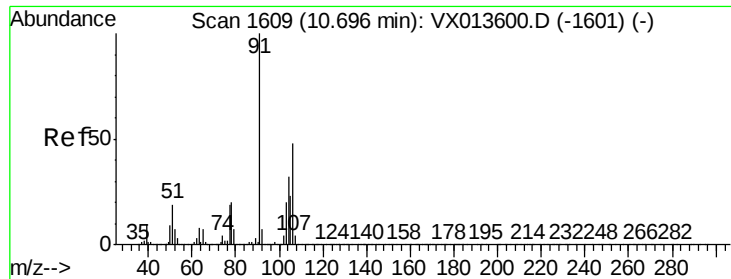
Tgt Ion: 106 Resp: 1170450

Ion Ratio Lower Upper

106 100

91 198.5 159.0 238.4





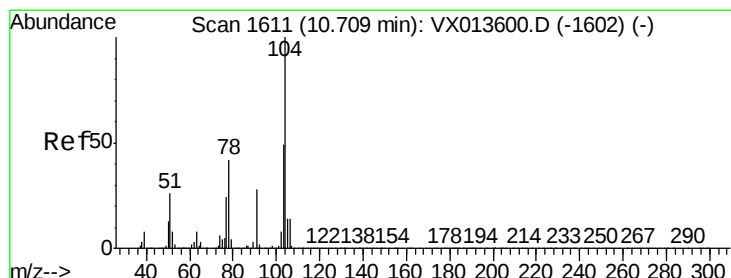
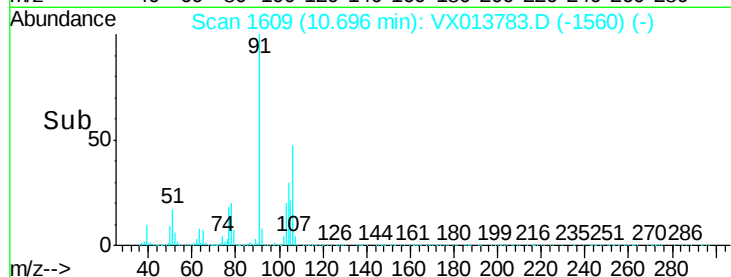
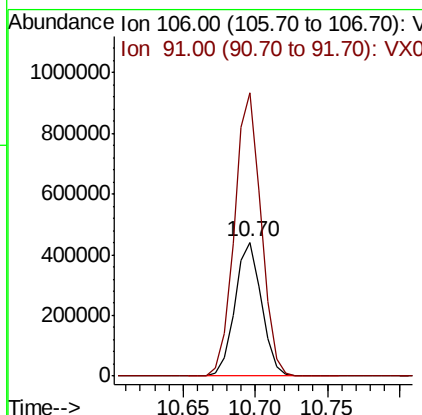
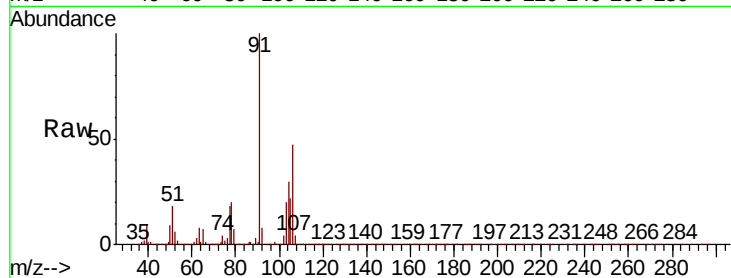
#69
o-Xylene
Concen: 50.953 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.4	104.1	312.2

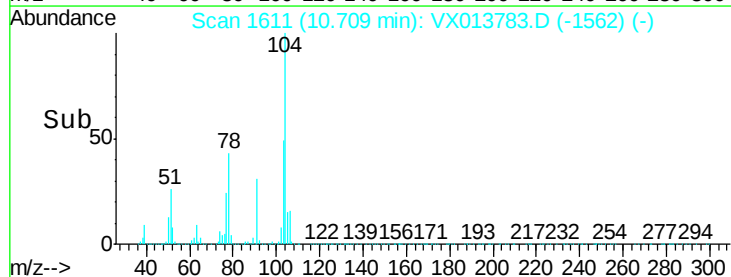
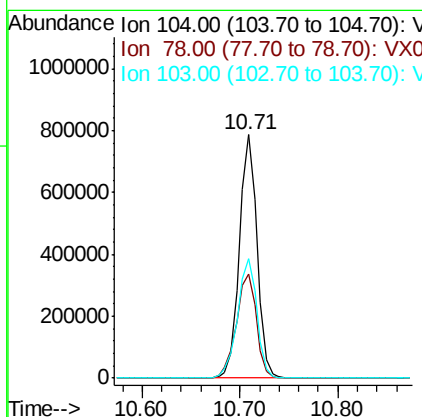
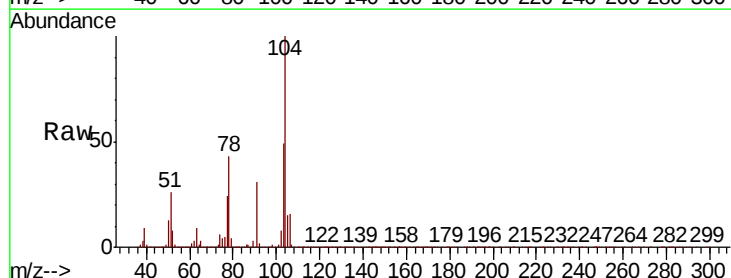
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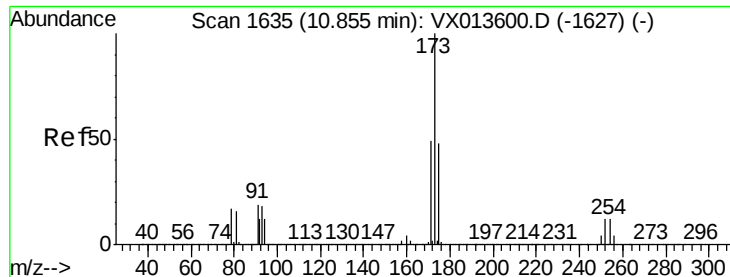
apatel
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#70
Styrene
Concen: 52.161 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.8	38.5	57.7
103	54.1	43.7	65.5





#71

Bromoform

Concen: 55.433 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

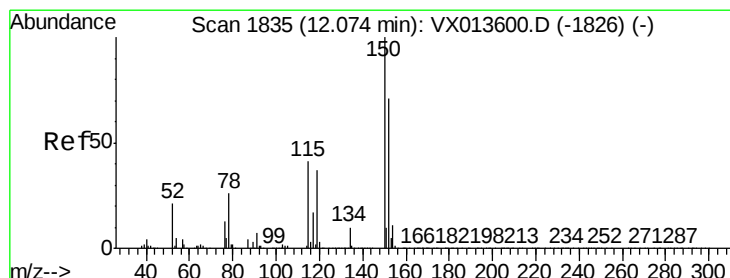
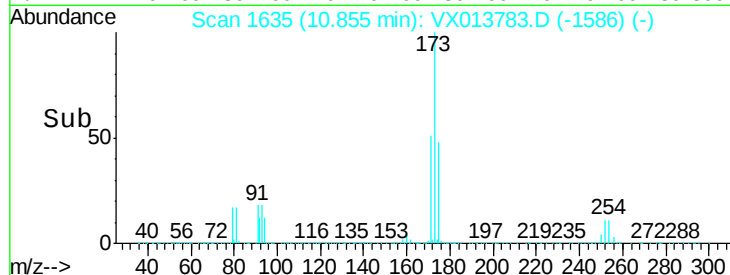
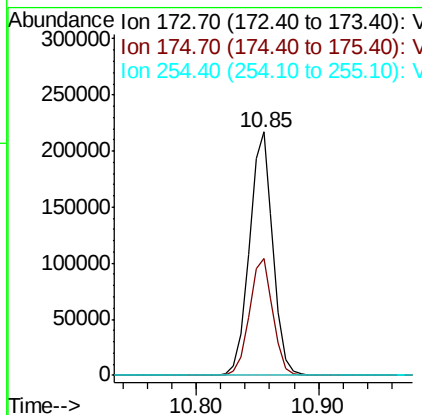
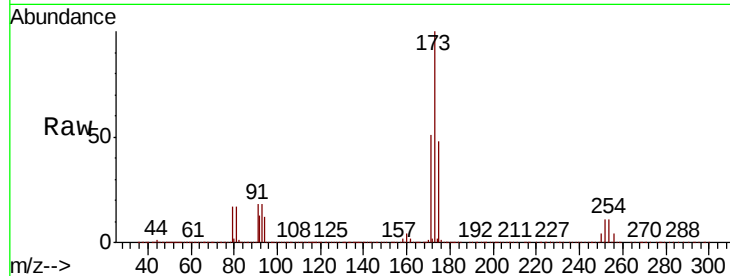
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	287662
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.3	72.8
254	0.3	0.2	0.4

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

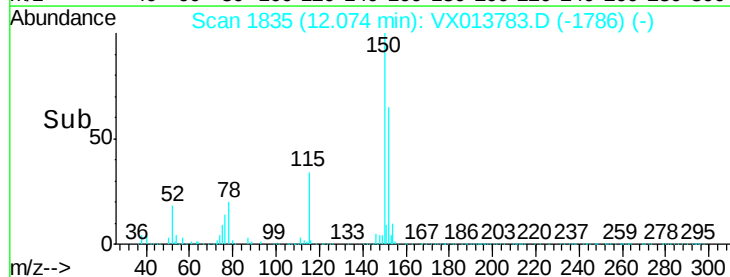
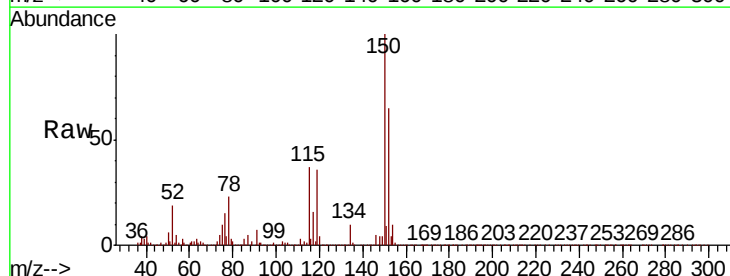
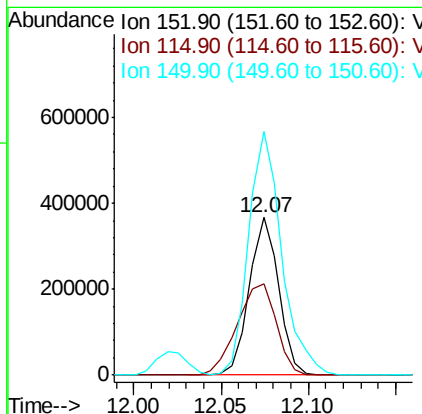
RT: 12.07 min Scan# 1835

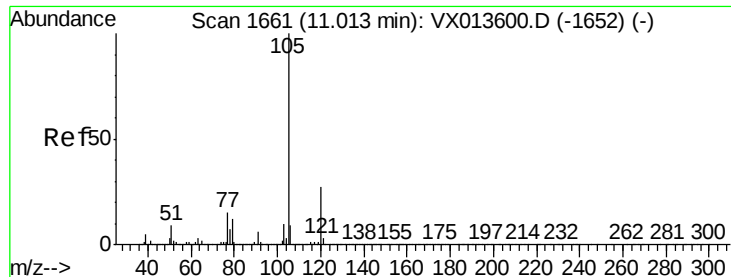
Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Tgt Ion:	152	Resp:	429633
Ion Ratio	Lower	Upper	
152	100		
115	77.0	38.4	115.1
150	174.5	0.0	346.8





#73

Isopropylbenzene

Concen: 50.146 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 1511265

Ion Ratio Lower Upper

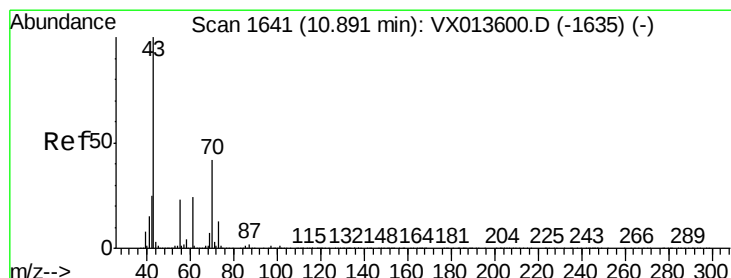
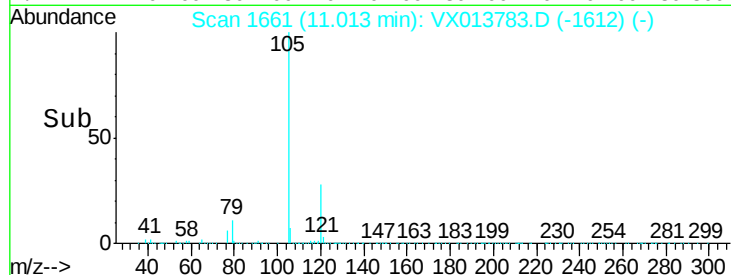
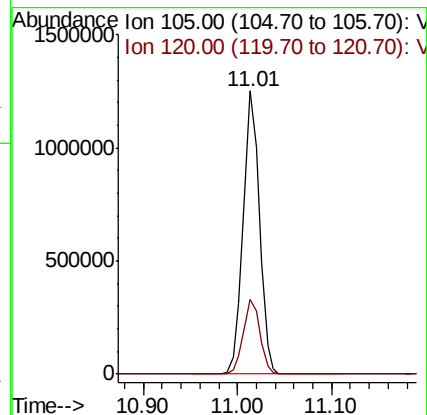
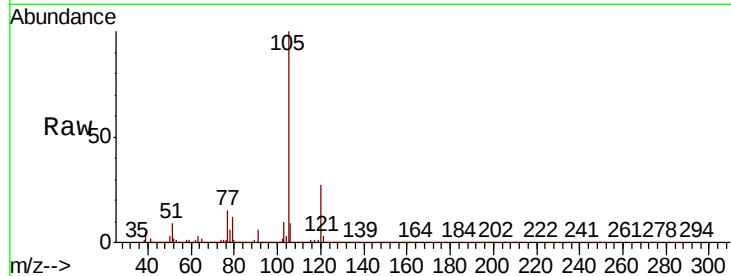
105 100

120 26.8 13.5 40.5

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#74

N-ethyl acetate

Concen: 50.950 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Tgt Ion: 43 Resp: 703381

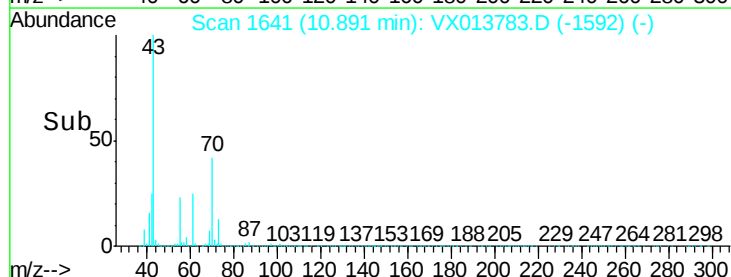
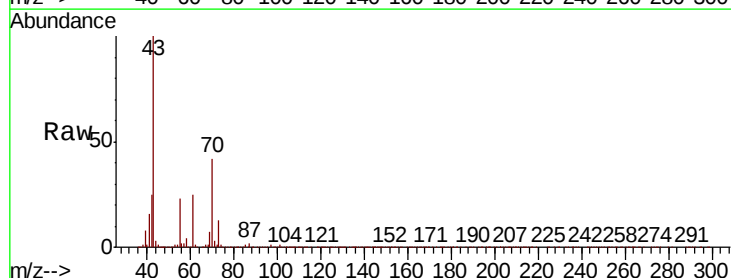
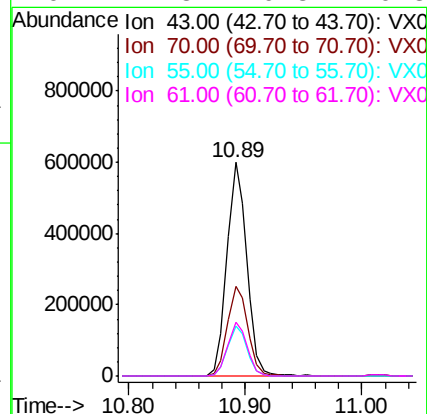
Ion Ratio Lower Upper

43 100

70 43.5 34.3 51.5

55 23.3 18.5 27.7

61 24.8 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.942 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

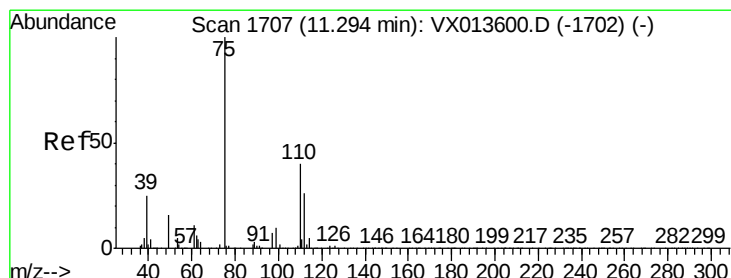
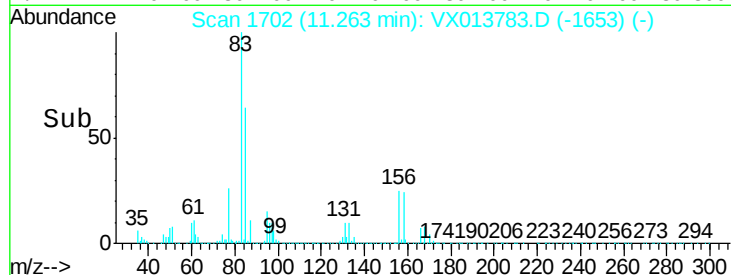
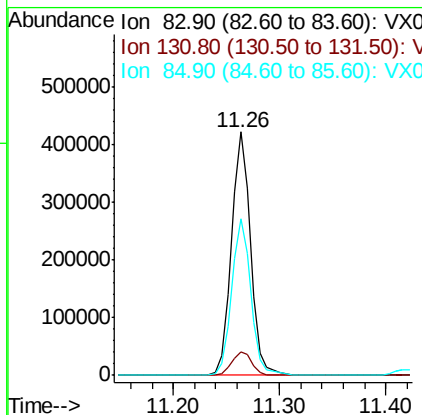
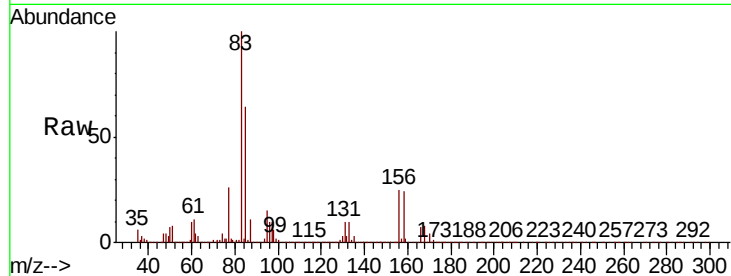
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	532410
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.3
85	64.5	31.8	95.3

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#76

1,2,3-Trichloropropane

Concen: 49.716 ug/l m

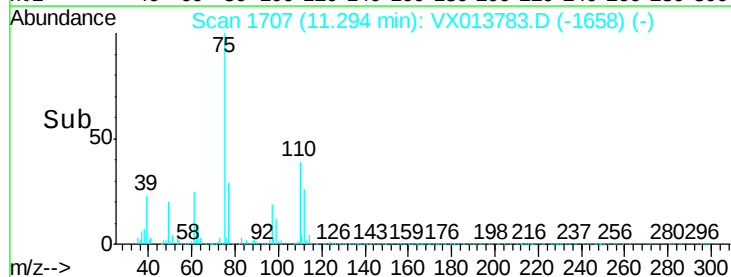
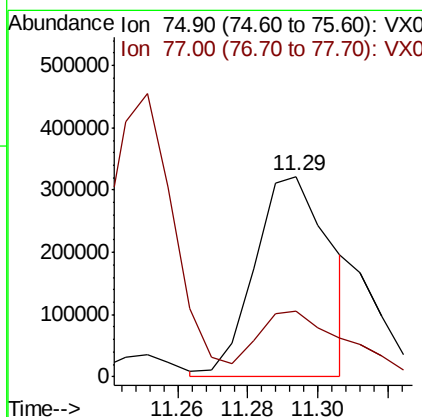
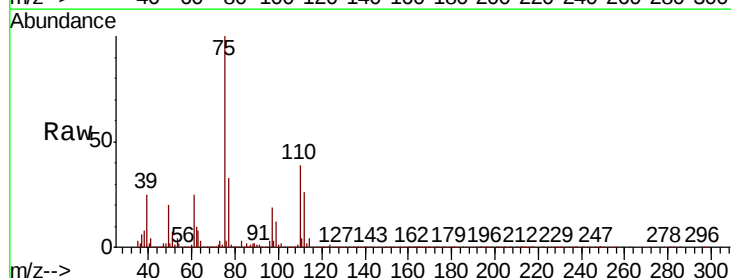
RT: 11.29 min Scan# 1707

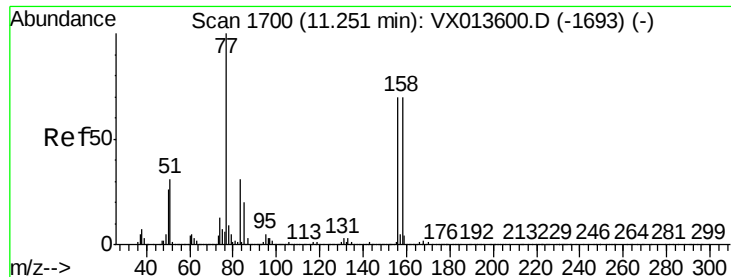
Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Tgt Ion:	75	Resp:	480415
Ion Ratio	Lower	Upper	
75	100		
77	38.5	19.1	57.5





#77

Bromobenzene

Concen: 49.356 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

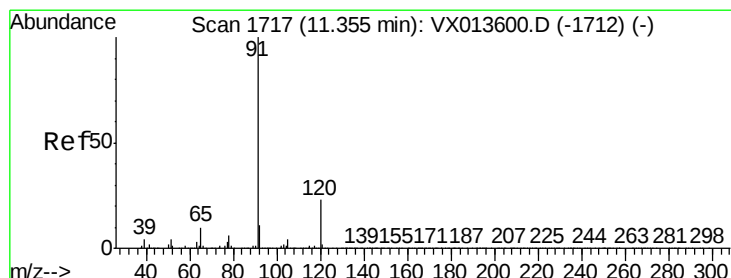
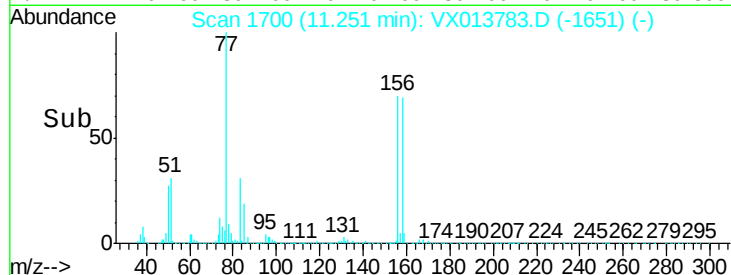
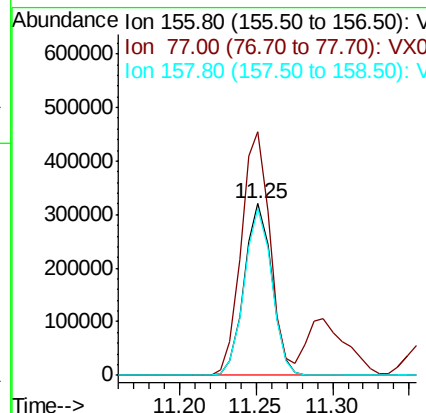
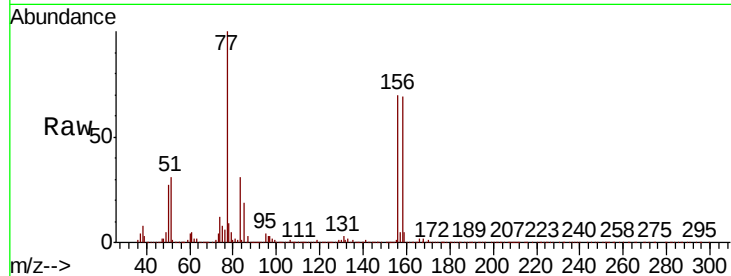
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	401838
Ion Ratio	Lower	Upper	
156	100		
77	147.7	74.4	223.1
158	97.1	48.9	146.6

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#78

n-propylbenzene

Concen: 50.746 ug/l

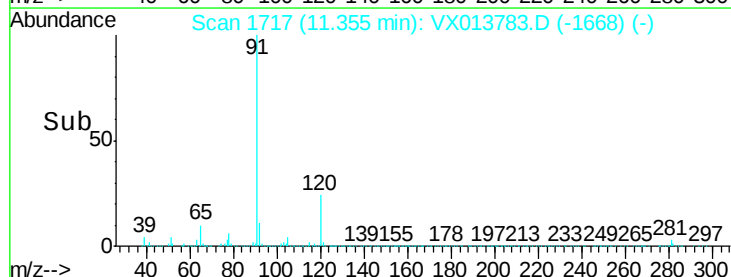
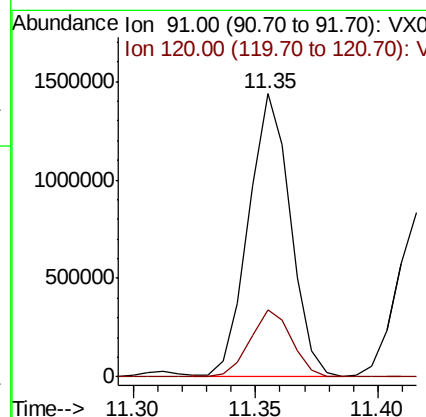
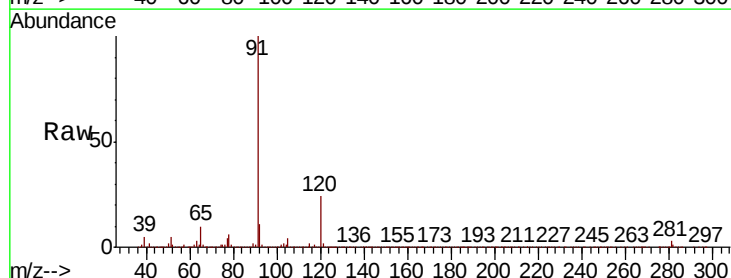
RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Tgt Ion:	91	Resp:	1707216
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.8	35.3





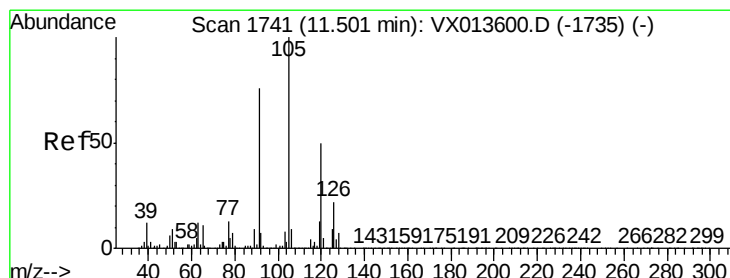
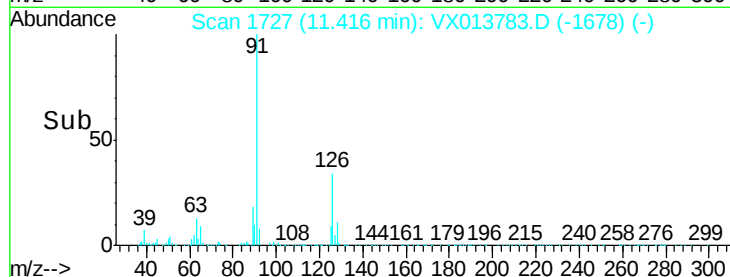
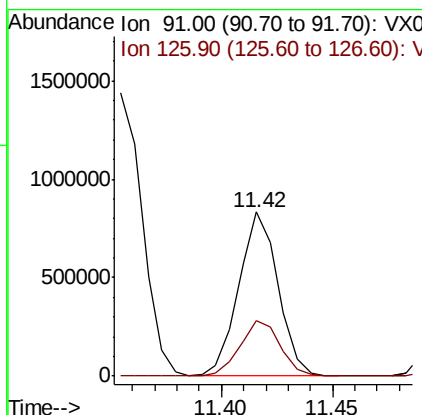
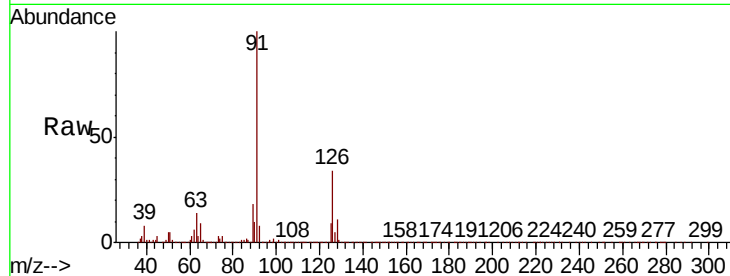
#79
 2-Chlorotoluene
 Concen: 50.591 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX013783.D
 Acq: 05 Dec 2019 18:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 1020980
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.5 52.5

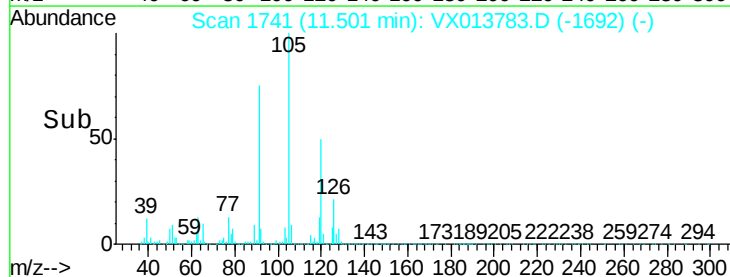
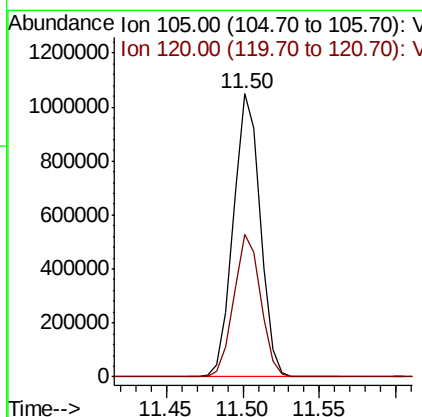
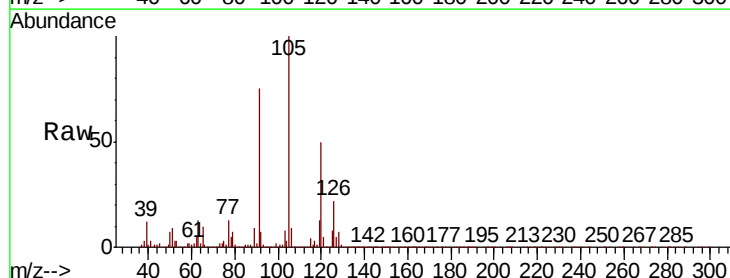
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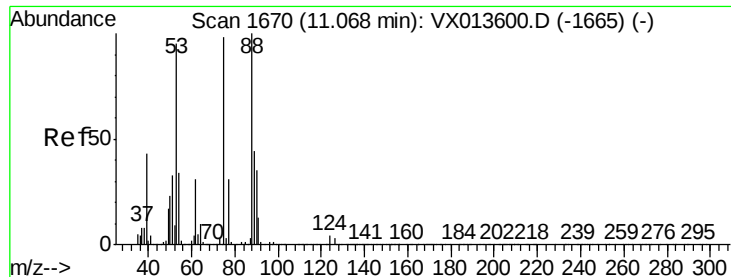
apatel
 12/6/2019 11:37:30 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 51.528 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013783.D
 Acq: 05 Dec 2019 18:24

Tgt Ion: 105 Resp: 1272735
 Ion Ratio Lower Upper
 105 100
 120 50.1 25.3 75.9





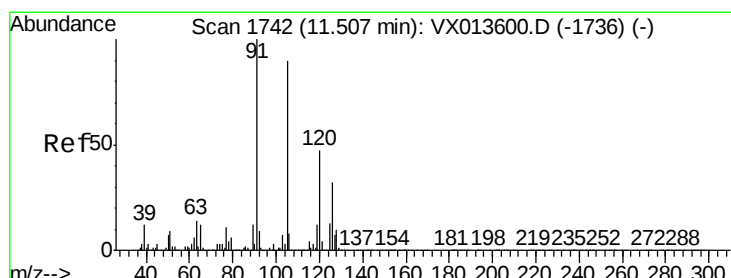
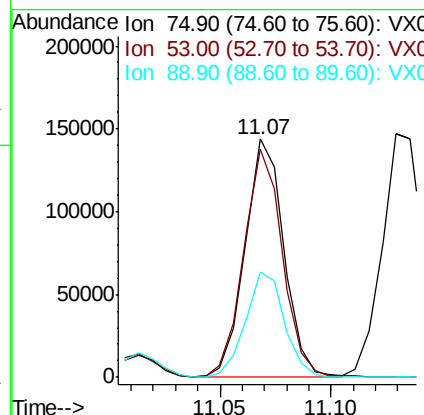
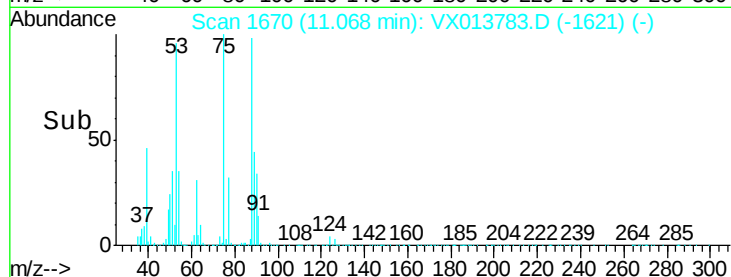
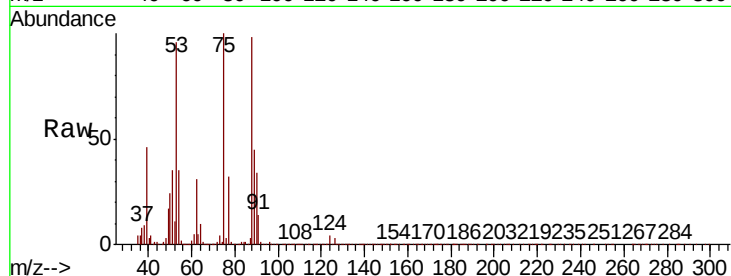
#81
trans-1,4-Dichloro-2-butene
Concen: 49.264 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.7	78.2	117.2
89	45.2	35.4	53.2

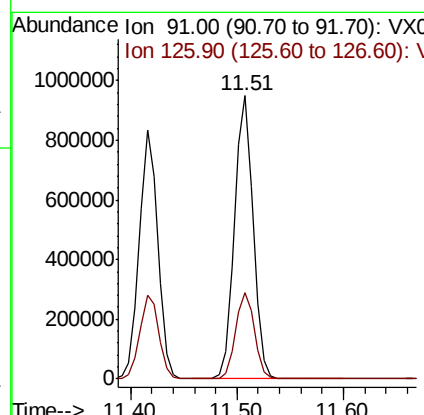
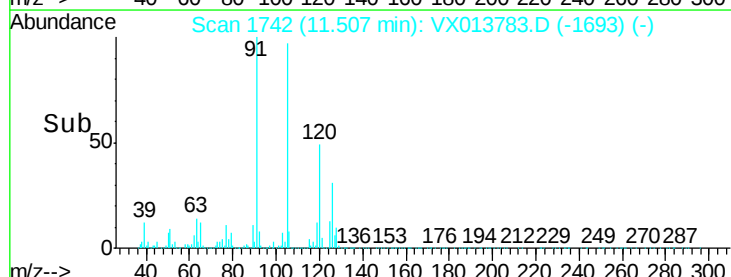
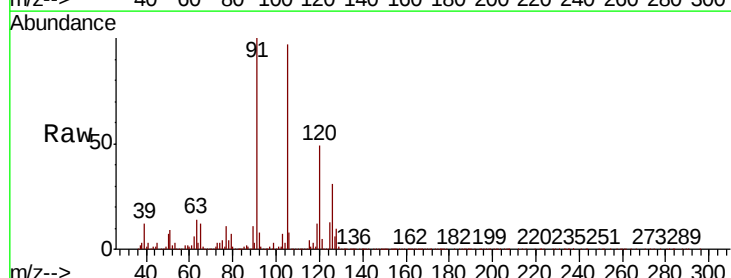
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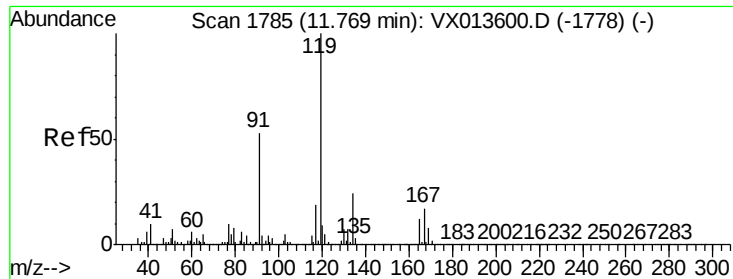
apatel
12/6/2019 11:37:30 AM



#82
4-Chlorotoluene
Concen: 50.144 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.7	47.0





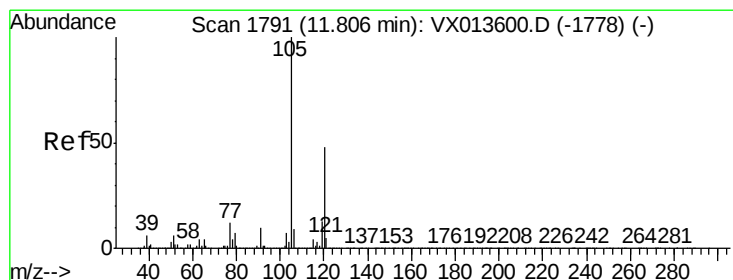
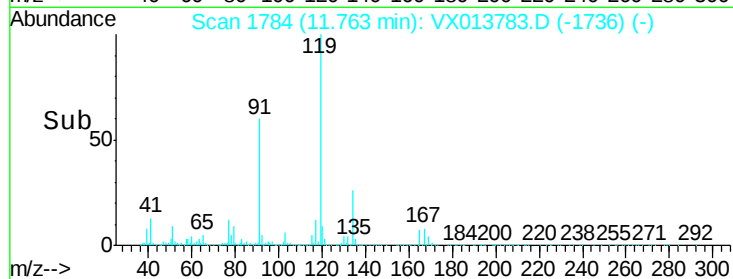
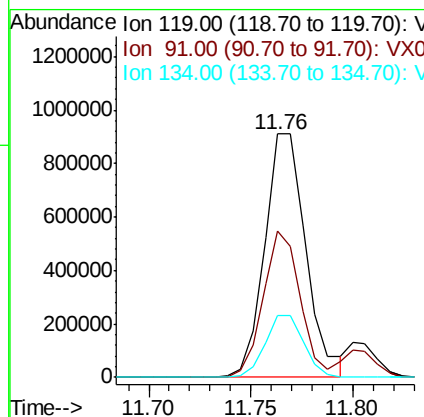
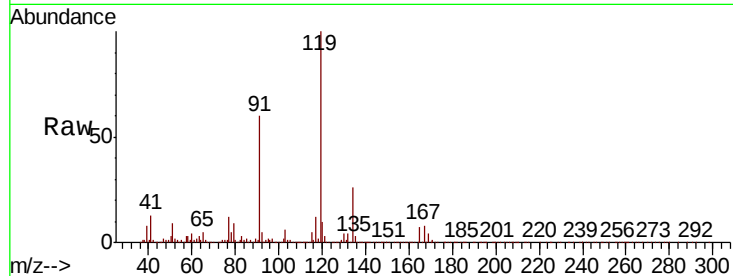
#83
tert-Butylbenzene
Concen: 51.193 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 1285063
Ion Ratio Lower Upper
119 100
91 53.5 27.2 81.6
134 24.2 11.7 35.1

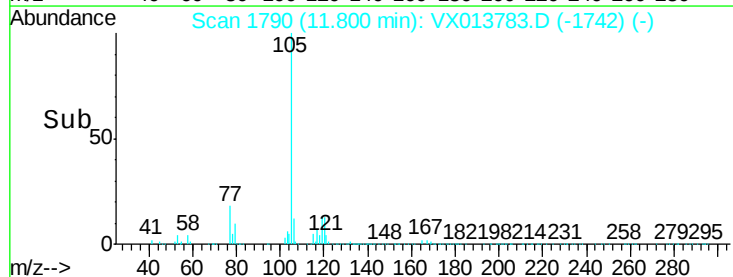
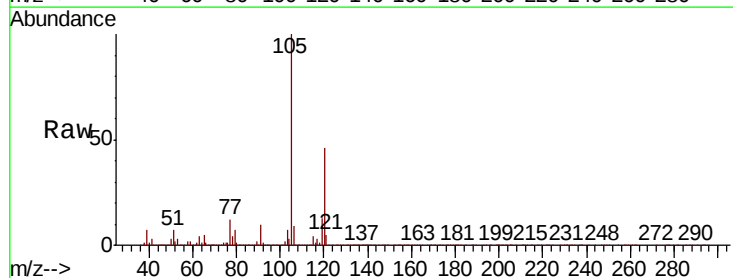
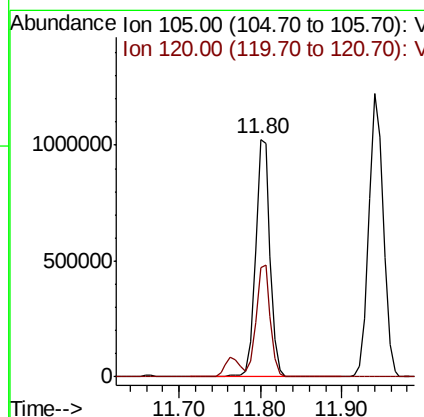
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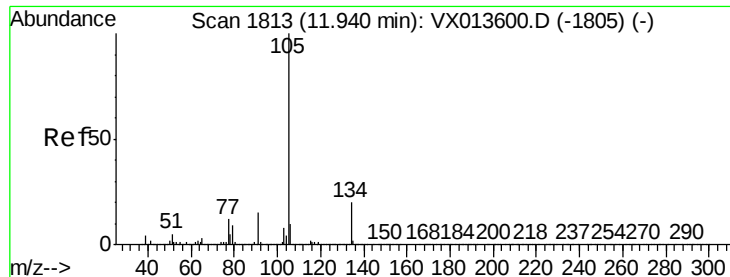
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 50.988 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion:105 Resp: 1278163
Ion Ratio Lower Upper
105 100
120 46.5 23.1 69.3





#85

sec-Butylbenzene

Concen: 51.189 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1467708

Ion Ratio Lower Upper

105 100

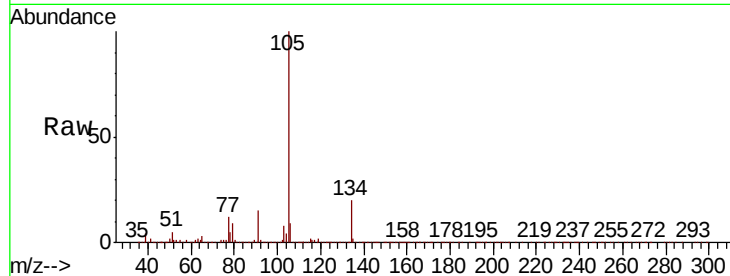
134 20.9 10.4 31.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

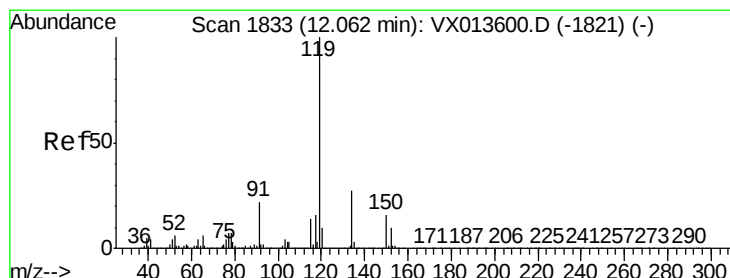
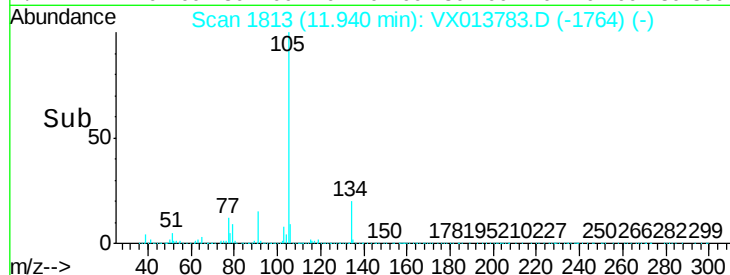
11.94

1000000

500000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 51.430 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

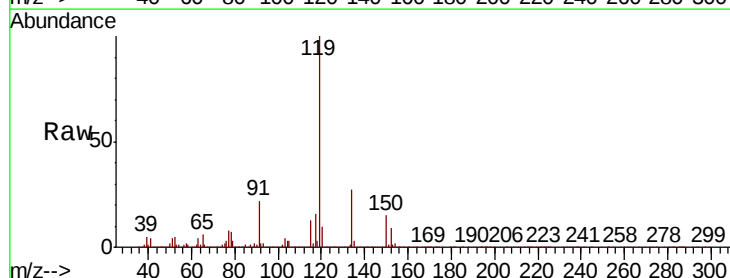
Tgt Ion:119 Resp: 1371850

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.9

91 22.4 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

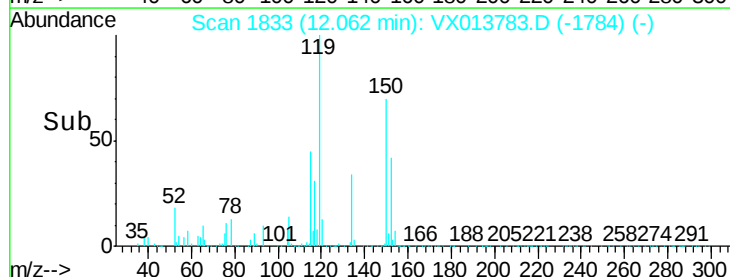
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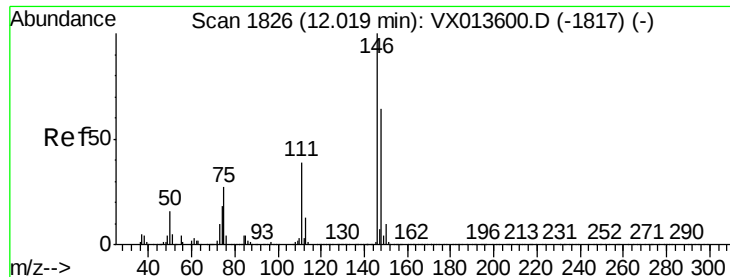
1000000

500000

0

Time--> 12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 50.038 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

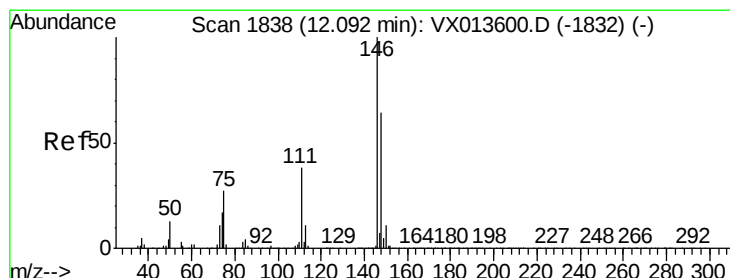
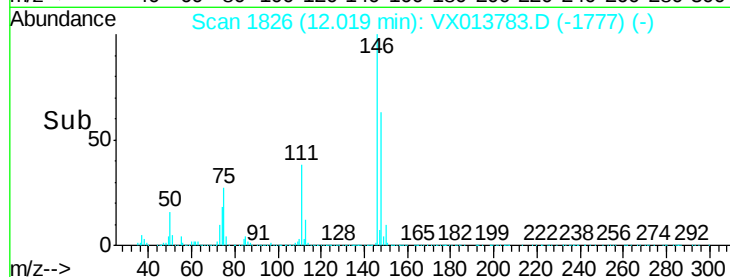
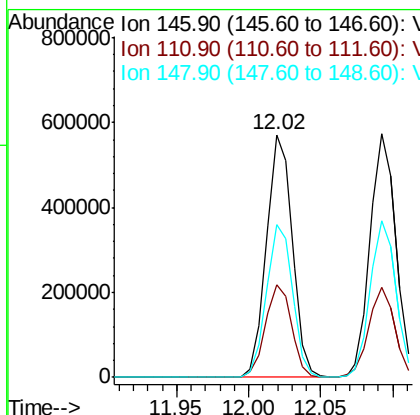
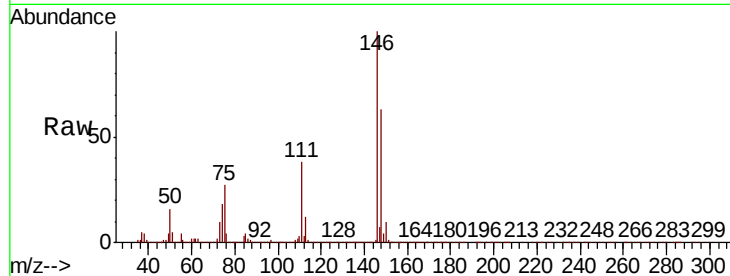
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.0	57.0
148	63.5	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 48.579 ug/l

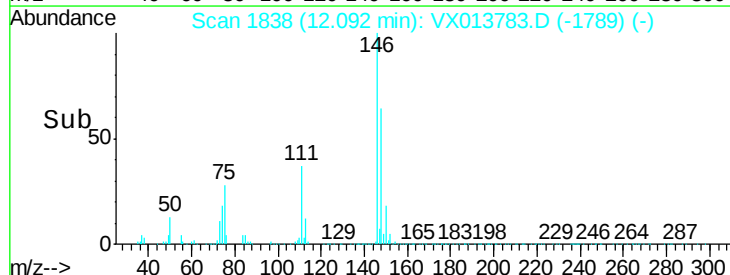
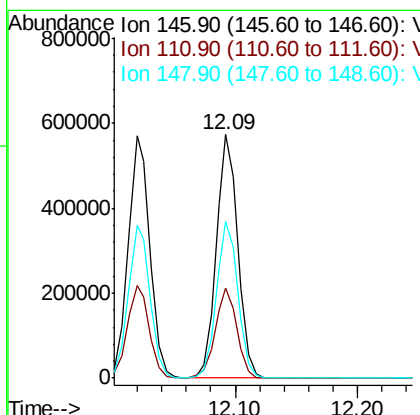
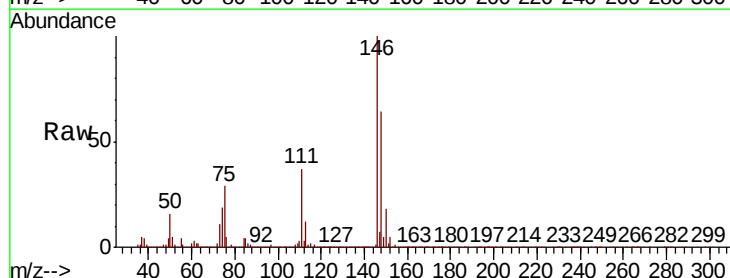
RT: 12.09 min Scan# 1838

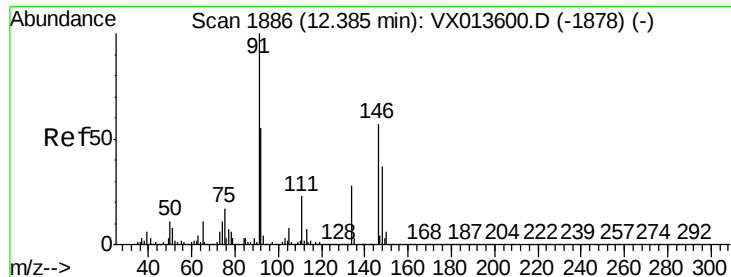
Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.9	56.9
148	64.3	31.9	95.5





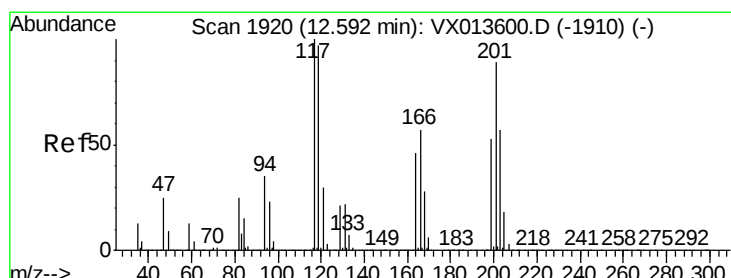
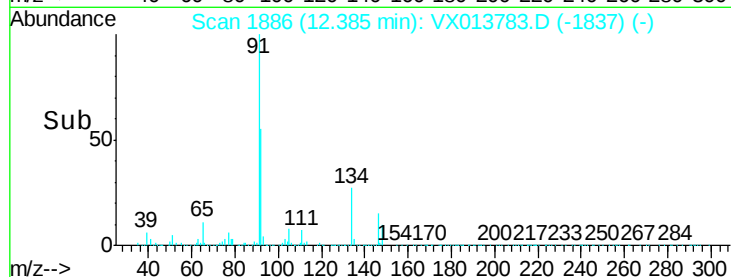
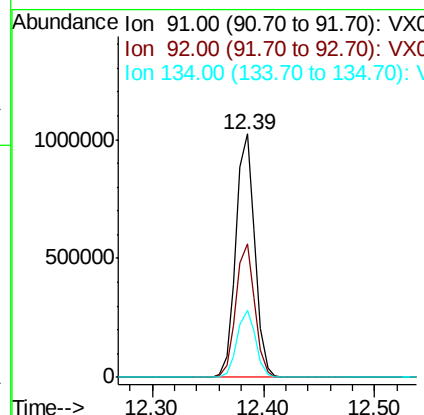
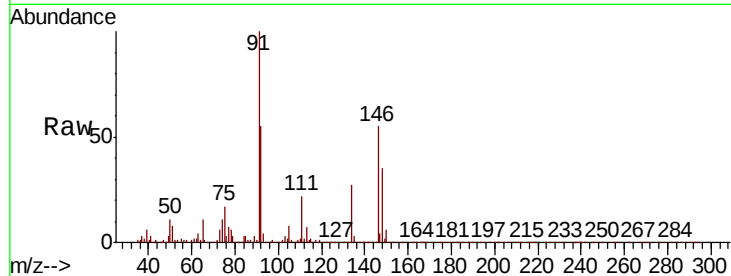
#89
n-Butylbenzene
Concen: 52.693 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.4	82.2
134	27.1	13.5	40.4

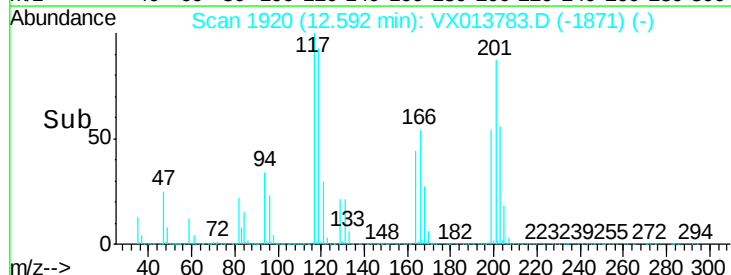
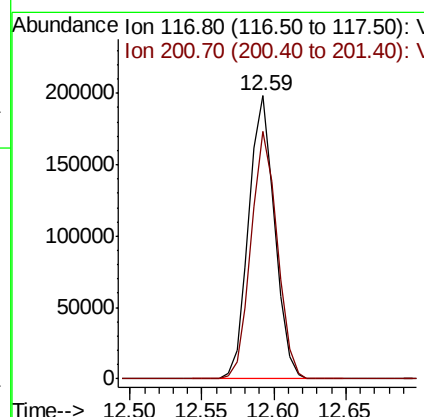
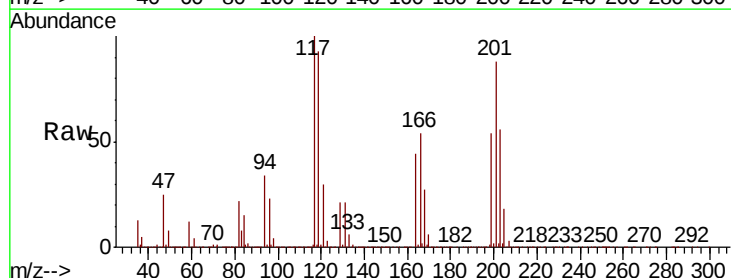
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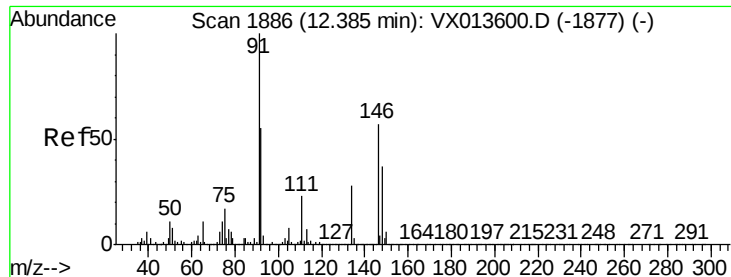
apatel
12/6/2019 11:37:30 AM



#90
Hexachloroethane
Concen: 50.956 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.4	44.1	132.4





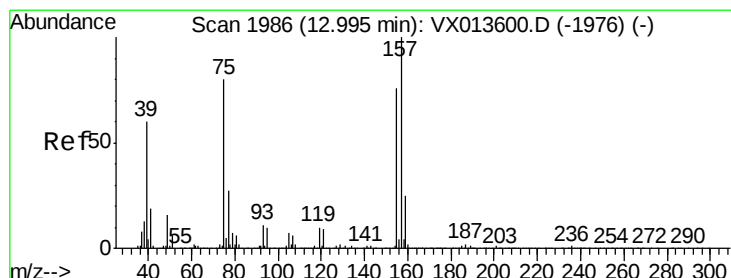
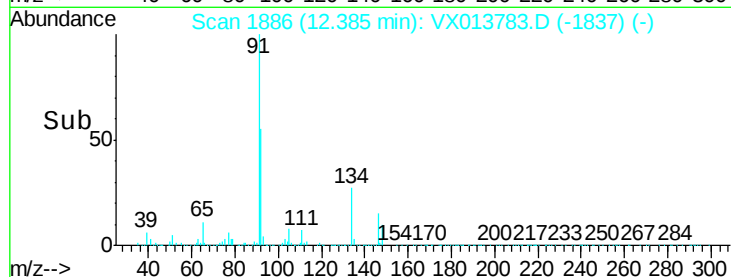
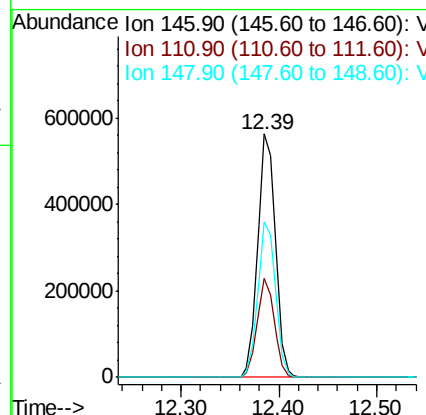
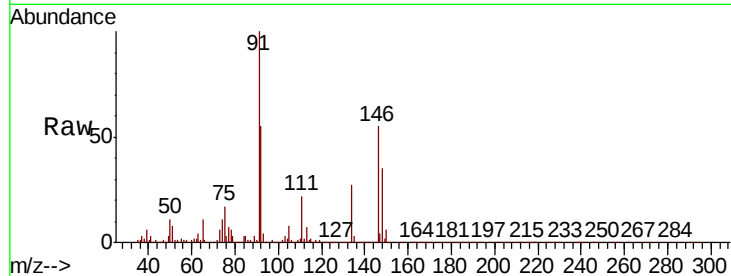
#91
1,2-Dichlorobenzene
Concen: 50.637 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.6	58.7
148	63.7	31.9	95.7

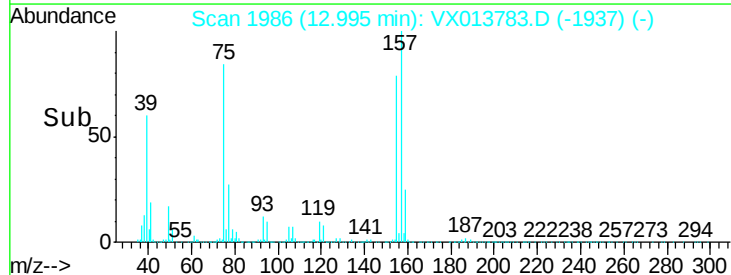
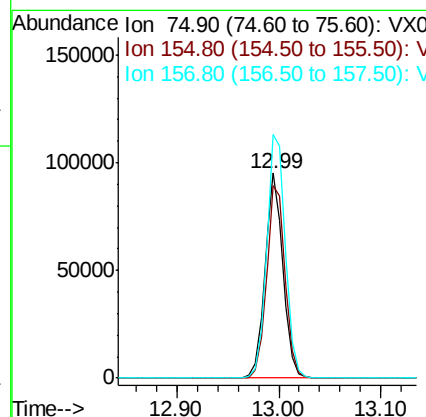
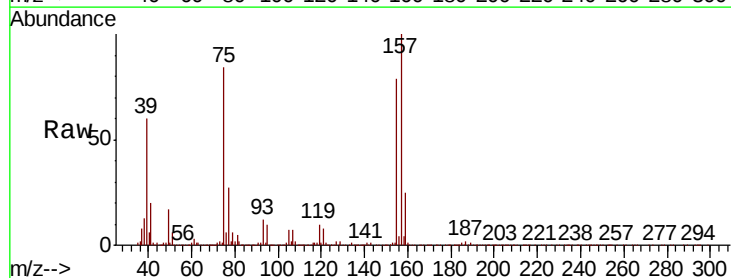
Manual Integrations
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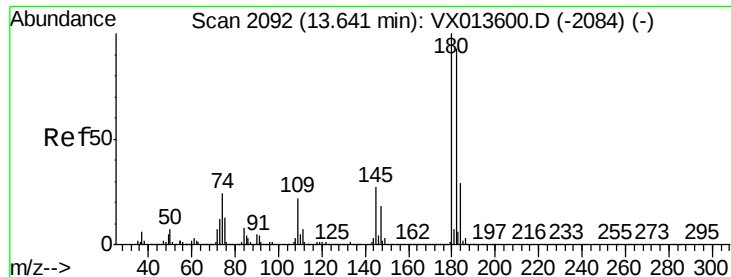
apatel
12/6/2019 11:37:30 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.923 ug/l
RT: 12.99 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.2	47.6	142.8
157	122.4	62.1	186.2





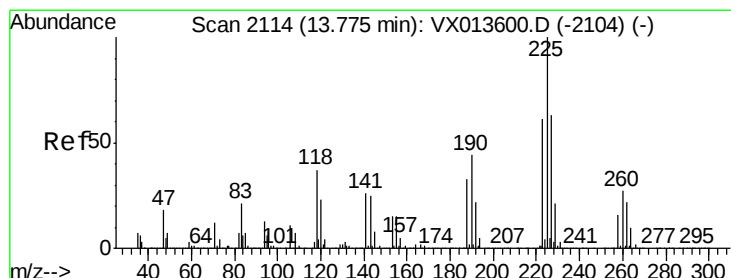
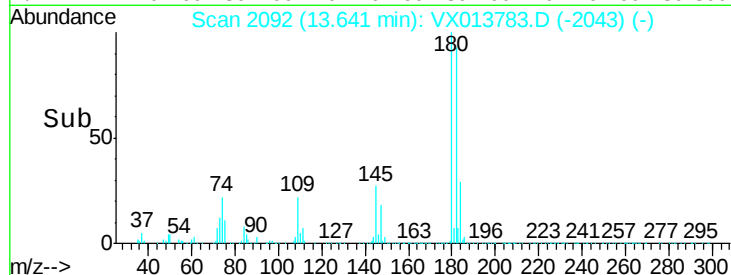
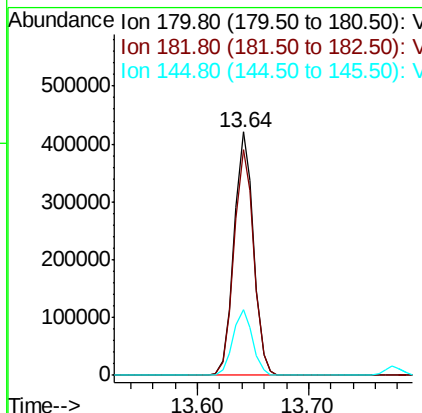
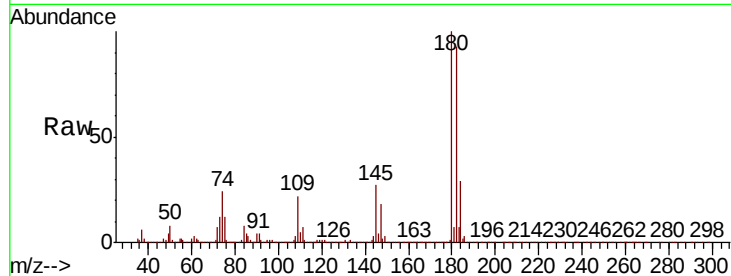
#93
1,2,4-Trichlorobenzene
Concen: 51.926 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	507451		
182	94.2	47.2	141.6	
145	27.3	13.8	41.4	

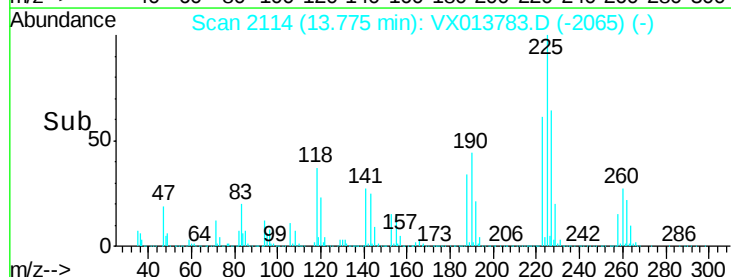
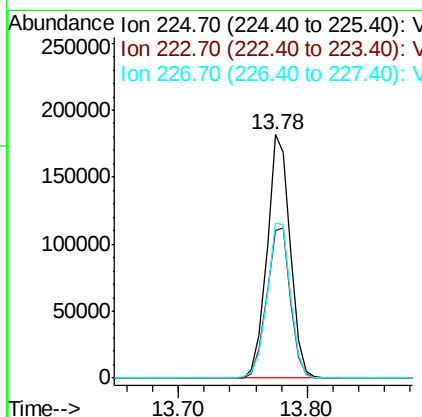
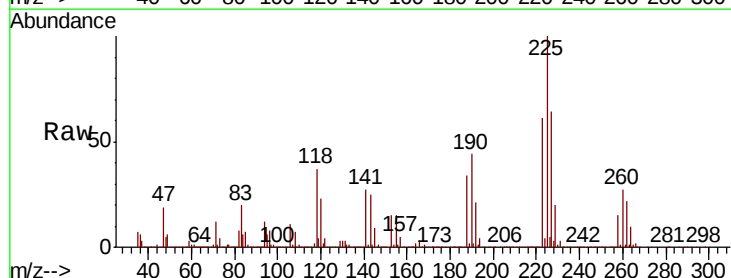
Manual Integrations
APPROVED

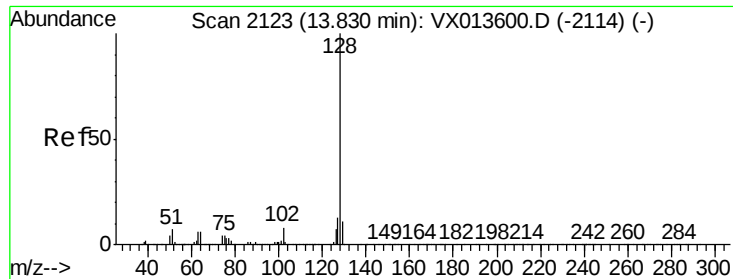
apatel
12/6/2019 11:37:30 AM



#94
Hexachlorobutadiene
Concen: 48.047 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX013783.D
Acq: 05 Dec 2019 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	225559		
223	63.2	31.9	95.5	
227	64.4	32.1	96.3	





#95

Naphthalene

Concen: 54.320 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1580890

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

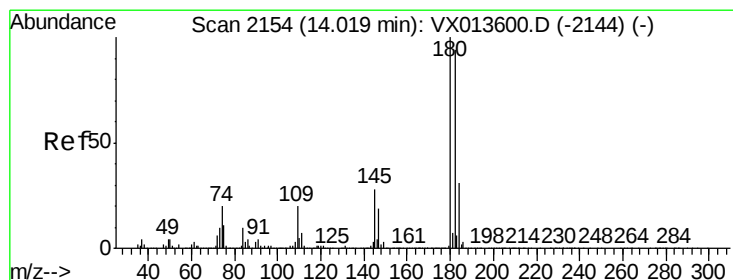
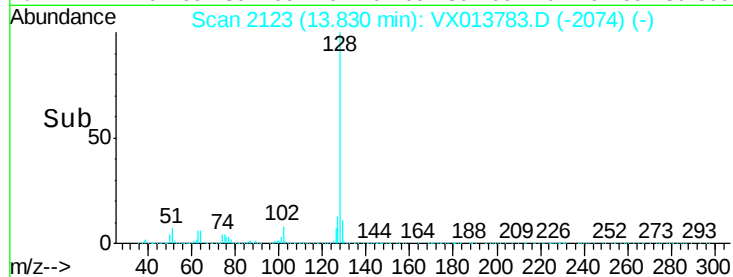
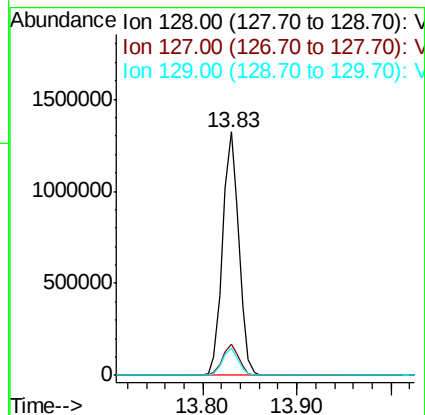
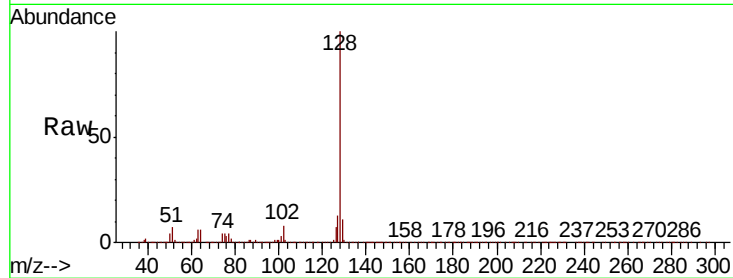
129 11.0 8.7 13.1

Manual Integrations

APPROVED

apatel

12/6/2019 11:37:30 AM



#96

1,2,3-Trichlorobenzene

Concen: 51.919 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX013783.D

Acq: 05 Dec 2019 18:24

Tgt Ion:180 Resp: 502373

Ion Ratio Lower Upper

180 100

182 96.1 47.6 142.8

145 30.3 15.0 45.0

