

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
 Data File : VX013598.D
 Acq On : 26 Nov 2019 13:55
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
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Quant Time: Nov 26 15:16:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	637269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	966671	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	862636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	417218	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	42121	5.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.30%	
35) Dibromofluoromethane	5.49	113	31624	5.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.56%	
50) Toluene-d8	8.71	98	129443	5.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.44%	
62) 4-Bromofluorobenzene	11.14	95	44265	5.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	37199	5.122	ug/l	100
3) Chloromethane	1.32	50	41997	5.312	ug/l	98
4) Vinyl Chloride	1.40	62	44629	4.968	ug/l	97
5) Bromomethane	1.63	94	35658	5.787	ug/l	100
6) Chloroethane	1.71	64	28728	5.029	ug/l	98
7) Trichlorofluoromethane	1.92	101	56339	5.357	ug/l	100
8) Diethyl Ether	2.18	74	25833	5.536	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	33095	5.566	ug/l	97
10) Methyl Iodide	2.50	142	30887	4.184	ug/l	98
11) Tert butyl alcohol	3.03	59	54582	27.916	ug/l #	94
12) 1,1-Dichloroethene	2.36	96	32973	5.653	ug/l	95
13) Acrolein	2.28	56	16021	14.599	ug/l	99
14) Allyl chloride	2.72	41	59075	5.558	ug/l	98
15) Acrylonitrile	3.13	53	105246	28.581	ug/l	99
16) Acetone	2.43	43	99434	26.751	ug/l	99
17) Carbon Disulfide	2.56	76	87993	5.600	ug/l	99
18) Methyl Acetate	2.76	43	53998	5.239	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	111515	5.752	ug/l	99
20) Methylene Chloride	2.84	84	40574	5.853	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	36401	5.733	ug/l	89
22) Diisopropyl ether	3.84	45	120882	5.921	ug/l #	89
23) Vinyl Acetate	3.80	43	496712	28.523	ug/l	99
24) 1,1-Dichloroethane	3.69	63	64684	5.662	ug/l	98
25) 2-Butanone	4.66	43	149930	27.448	ug/l	95
26) 2,2-Dichloropropane	4.57	77	54281	5.948	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	40297	5.661	ug/l	92
28) Bromochloromethane	5.00	49	15483	4.465	ug/l	97
29) Tetrahydrofuran	5.12	42	92370	27.504	ug/l	97
30) Chloroform	5.20	83	64882	5.759	ug/l	100
31) Cyclohexane	5.57	56	60460	5.835	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	52505	5.427	ug/l	97
36) 1,1-Dichloropropene	5.79	75	49580	6.001	ug/l	99
37) Ethyl Acetate	4.82	43	55495	5.478	ug/l #	93
38) Carbon Tetrachloride	5.78	117	42181	5.255	ug/l	97

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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

Manual Integrations
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Quant Time: Nov 26 15:16:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	58964	5.703	ug/l	97
40) Benzene	6.14	78	148530	5.768	ug/l	99
41) Methacrylonitrile	5.03	41	28308	4.985	ug/l #	93
42) 1,2-Dichloroethane	6.18	62	51622	5.632	ug/l	95
43) Isopropyl Acetate	6.43	43	88211	5.581	ug/l	100
44) Trichloroethene	7.21	130	39692	5.590	ug/l	93
45) 1,2-Dichloropropane	7.51	63	37546	5.732	ug/l	99
46) Dibromomethane	7.65	93	24836	5.580	ug/l	98
47) Bromodichloromethane	7.89	83	44358	5.275	ug/l	99
48) Methyl methacrylate	7.76	41	42512	5.408	ug/l	97
49) 1,4-Dioxane	7.74	88	19666	109.542	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	285335	27.683	ug/l	98
52) Toluene	8.78	92	92740	5.809	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	49932	5.410	ug/l	94
54) cis-1,3-Dichloropropene	8.43	75	55141	5.331	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	38210	5.799	ug/l	95
56) Ethyl methacrylate	9.17	69	55370	5.429	ug/l	97
57) 1,3-Dichloropropane	9.37	76	63779	5.701	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	125673	28.510	ug/l	100
59) 2-Hexanone	9.49	43	217472	27.310	ug/l	98
60) Dibromochloromethane	9.57	129	33340	4.945	ug/l	97
61) 1,2-Dibromoethane	9.67	107	38812	5.562	ug/l	100
64) Tetrachloroethene	9.33	164	36643	5.954	ug/l	92
65) Chlorobenzene	10.14	112	101577	5.837	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	35142	5.511	ug/l	98
67) Ethyl Benzene	10.25	91	168804	5.614	ug/l	97
68) m/p-Xylenes	10.35	106	129384	11.407	ug/l	100
69) o-Xylene	10.70	106	63654	5.709	ug/l	98
70) Styrene	10.71	104	101616	5.467	ug/l	97
71) Bromoform	10.85	173	25365	4.916	ug/l #	96
73) Isopropylbenzene	11.01	105	169767	6.128	ug/l	100
74) N-amyl acetate	10.89	43	74458	5.825	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	59569	5.927	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	53416m	6.153	ug/l	
77) Bromobenzene	11.25	156	44202	5.985	ug/l	98
78) n-propylbenzene	11.35	91	184282	5.984	ug/l	100
79) 2-Chlorotoluene	11.42	91	112268	6.052	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	135135	5.875	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	15461	4.702	ug/l	92
82) 4-Chlorotoluene	11.51	91	125909	5.804	ug/l	99
83) tert-Butylbenzene	11.77	119	136502	5.905	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	138793	6.021	ug/l	97
85) sec-Butylbenzene	11.94	105	152863	5.740	ug/l	100
86) p-Isopropyltoluene	12.06	119	145465	5.938	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	75545	5.755	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	76720	5.743	ug/l	96
89) n-Butylbenzene	12.39	91	115785	5.434	ug/l	98
90) Hexachloroethane	12.59	117	25377	5.806	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	76608	5.835	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	11726	4.837	ug/l	98

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

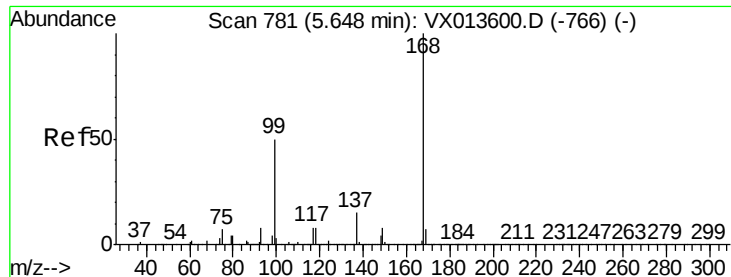
Manual Integrations
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Quant Time: Nov 26 15:16:21 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	47508	5.200	ug/l	99
94) Hexachlorobutadiene	13.78	225	24676	5.573	ug/l	97
95) Naphthalene	13.83	128	141144	4.983	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	48540	5.325	ug/l	99

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



#1

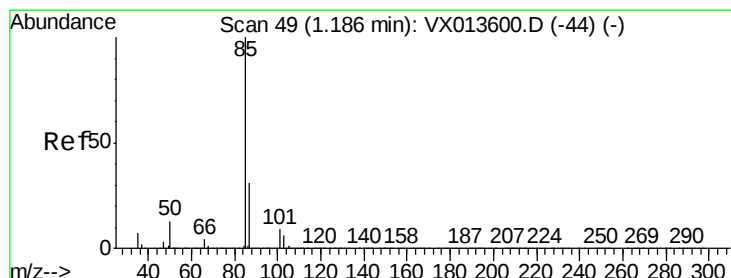
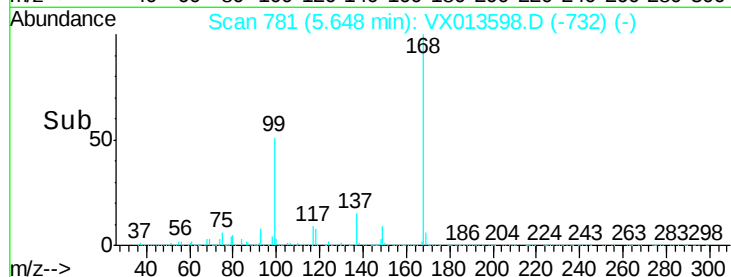
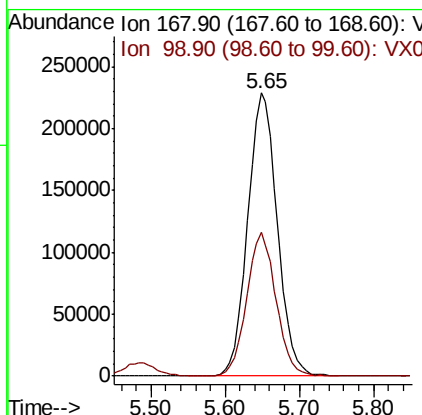
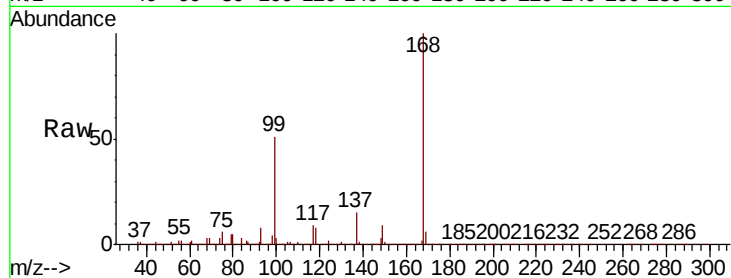
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.9	39.8	59.8

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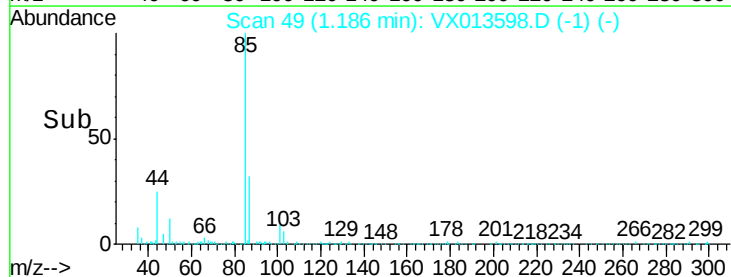
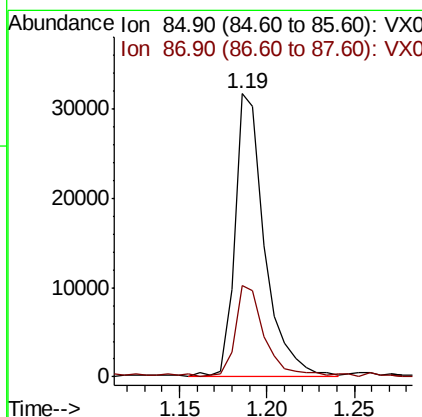
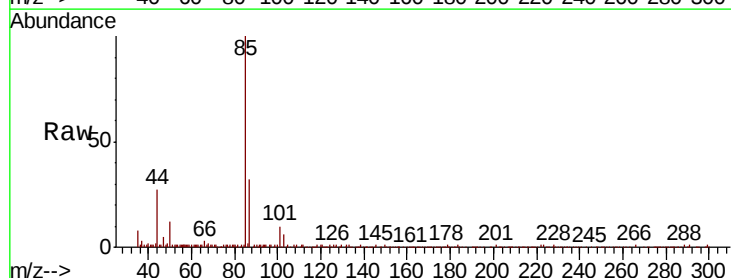
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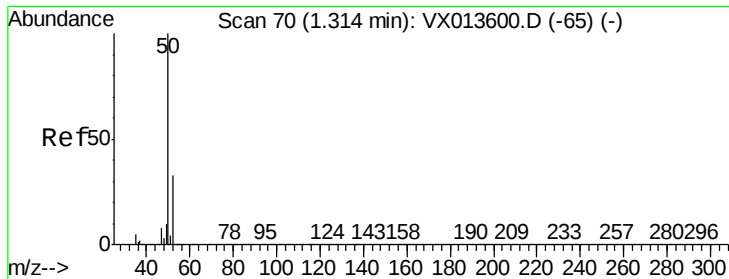


#2

Dichlorodifluoromethane
Concen: 5.122 ug/l
RT: 1.19 min Scan# 49
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.3	15.7	47.1





#3

Chloromethane

Concen: 5.312 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 41997

Ion Ratio Lower Upper

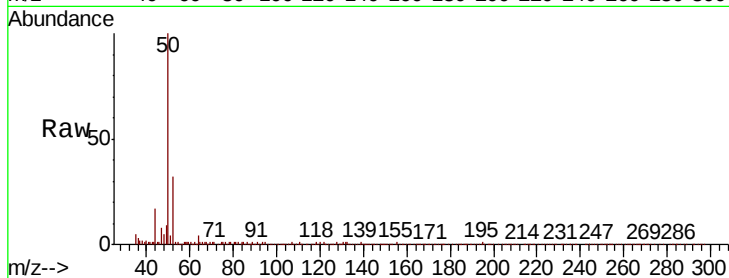
50 100

52 31.6 26.0 39.0

Manual Integrations
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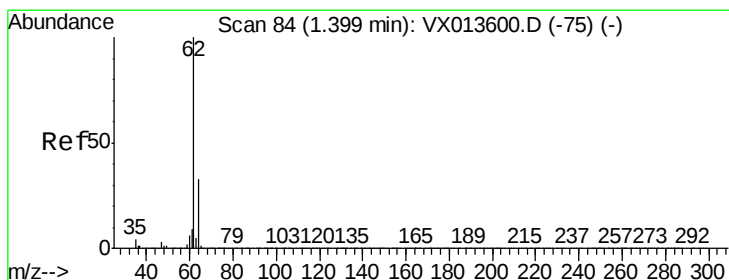
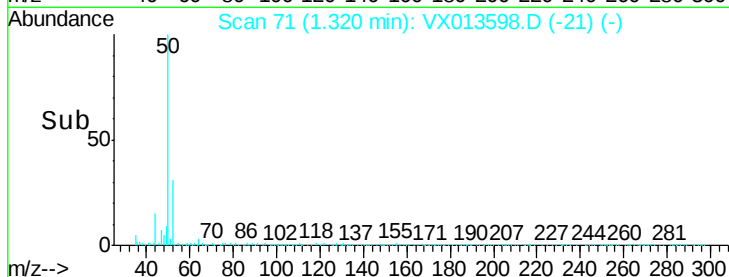
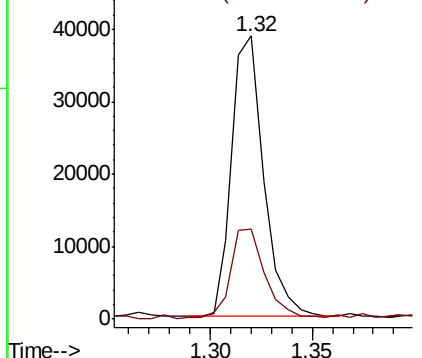
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 4.968 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013598.D

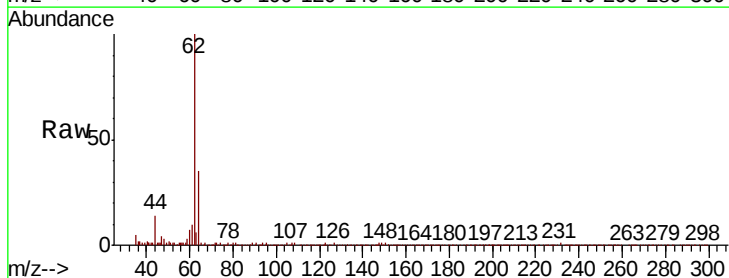
Acq: 26 Nov 2019 13:55

Tgt Ion: 62 Resp: 44629

Ion Ratio Lower Upper

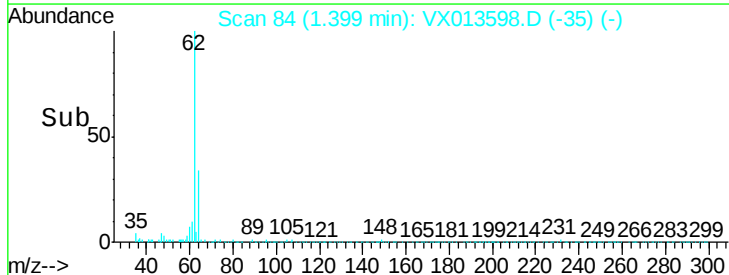
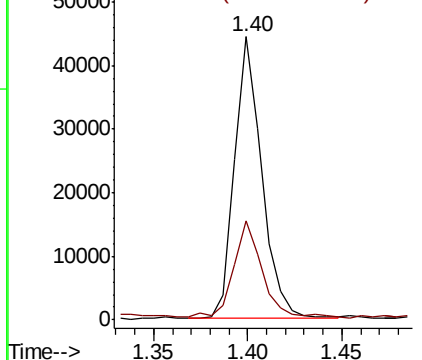
62 100

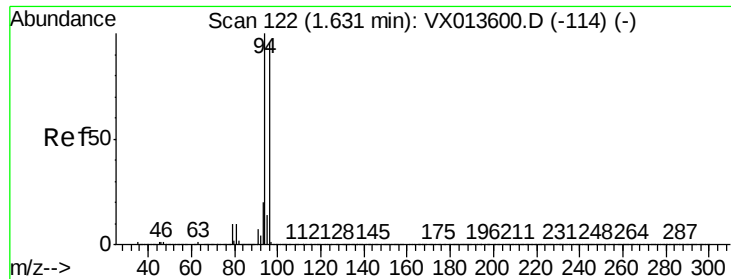
64 34.2 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 5.787 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 35658

Ion Ratio Lower Upper

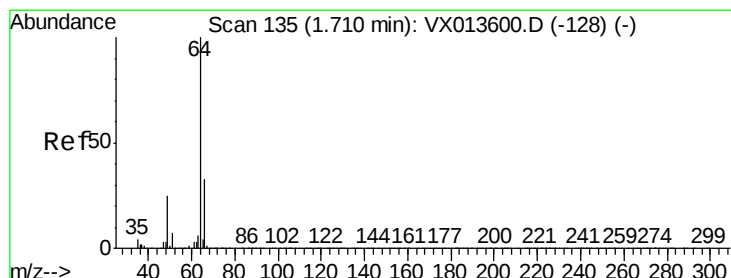
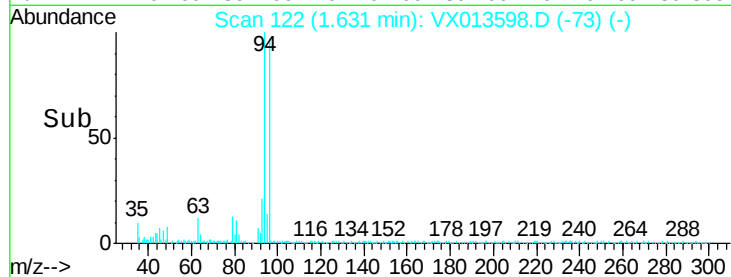
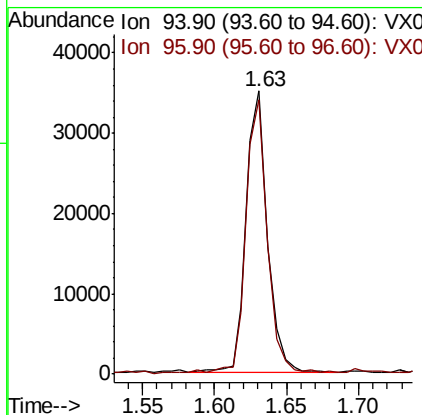
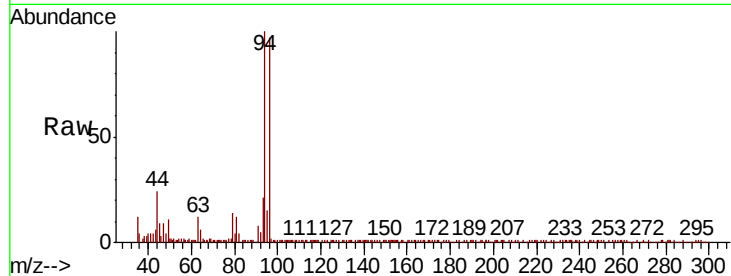
94 100

96 96.6 77.0 115.4

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#6

Chloroethane

Concen: 5.029 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX013598.D

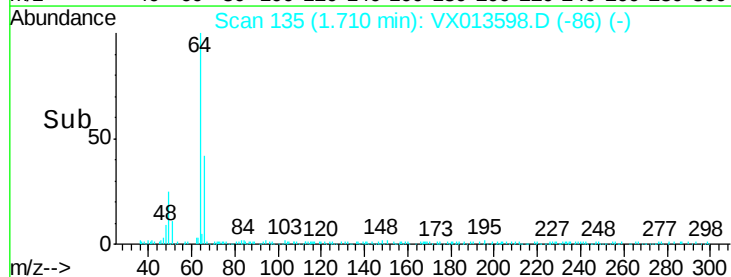
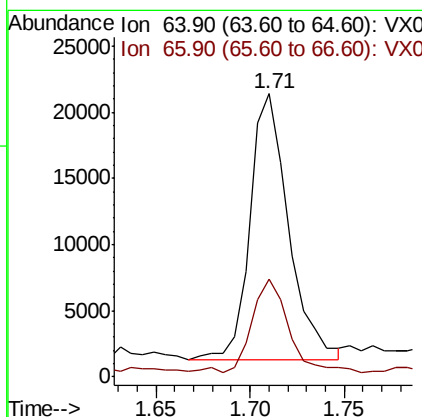
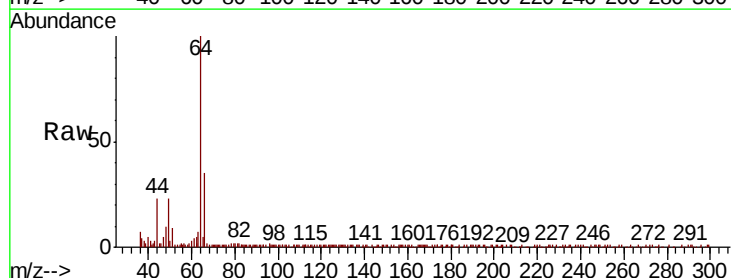
Acq: 26 Nov 2019 13:55

Tgt Ion: 64 Resp: 28728

Ion Ratio Lower Upper

64 100

66 34.6 26.7 40.1





#7

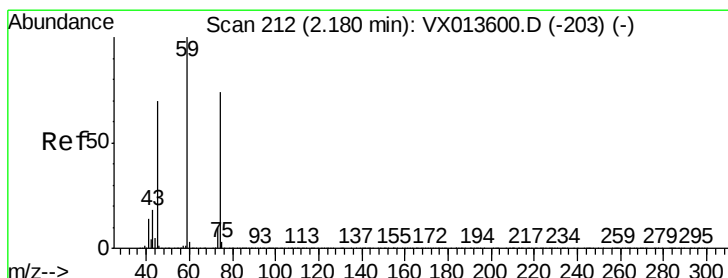
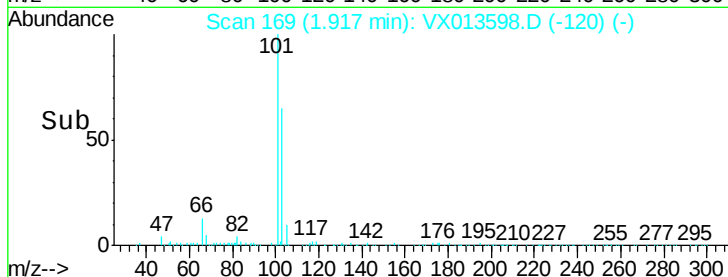
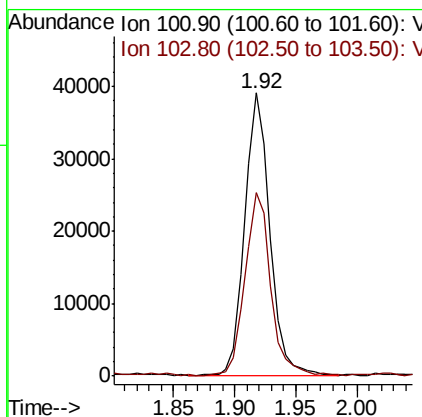
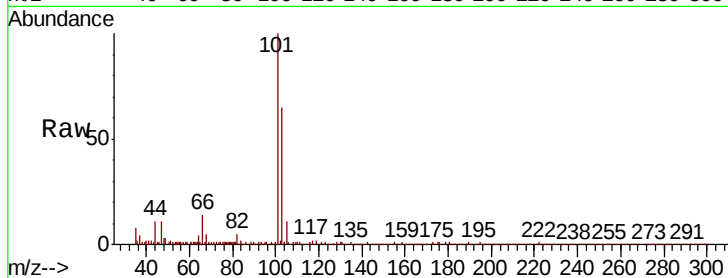
Trichlorofluoromethane
Concen: 5.357 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	51.8	77.6

Manual Integrations
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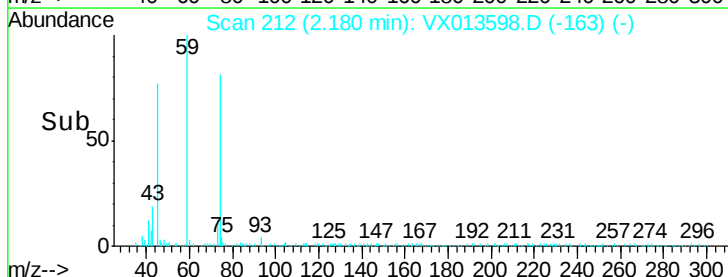
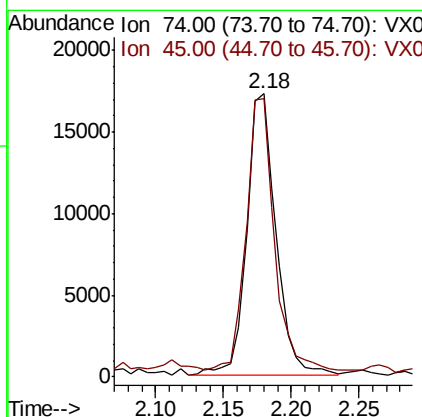
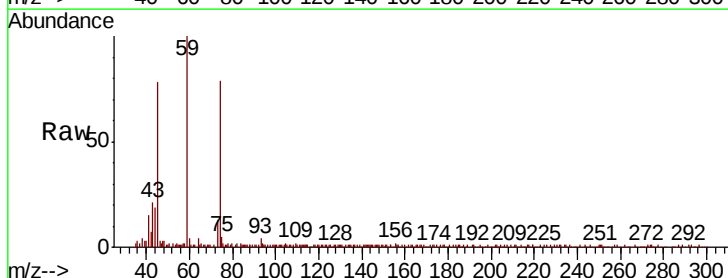
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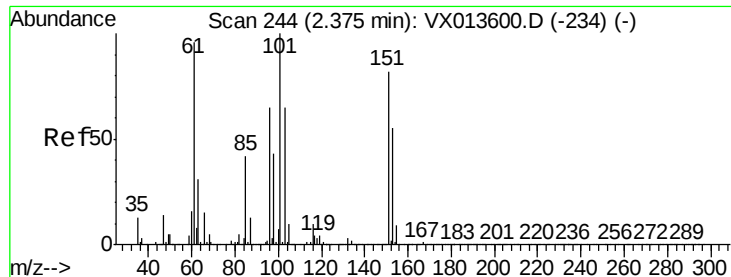


#8

Diethyl Ether
Concen: 5.536 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.0	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.566 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

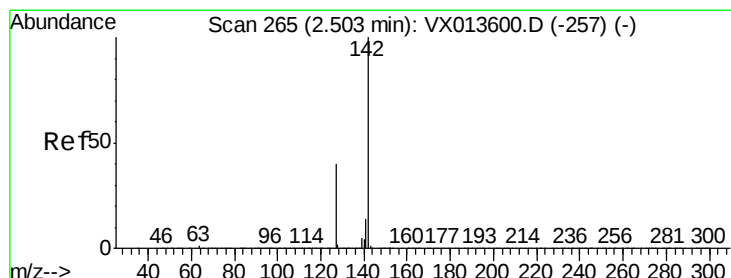
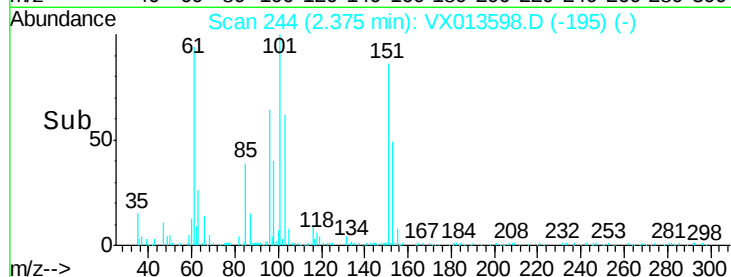
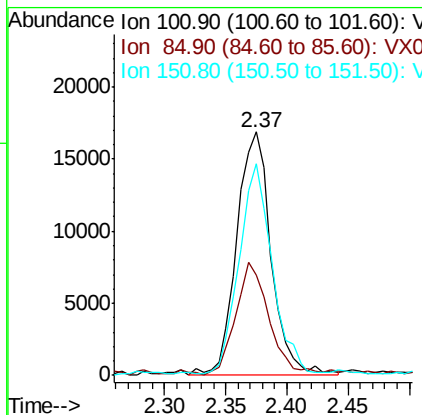
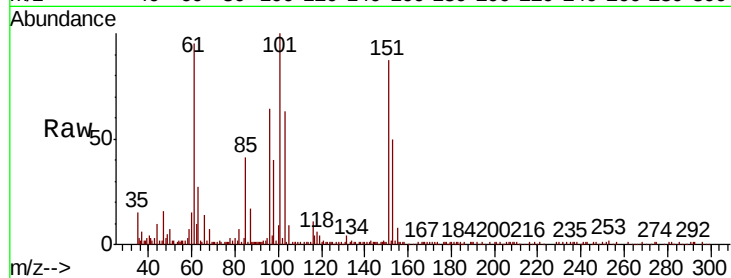
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	33095
Ion Ratio	Lower	Upper	
101	100		
85	44.1	33.9	50.9
151	83.1	64.2	96.2

Manual Integrations
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#10

Methyl Iodide

Concen: 4.184 ug/l

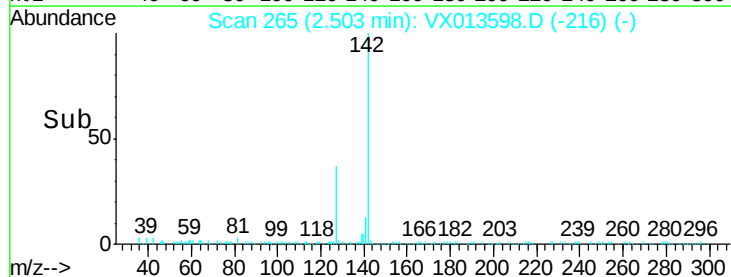
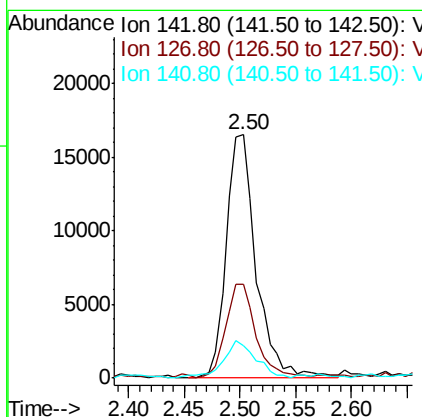
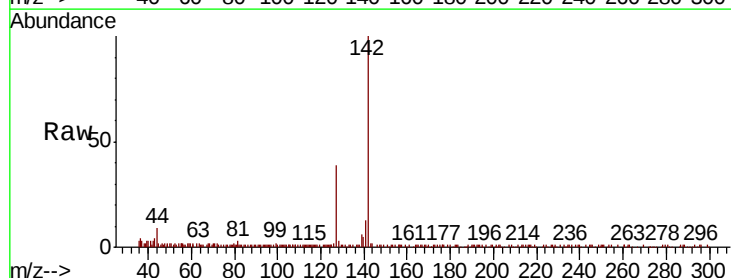
RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Tgt Ion:	142	Resp:	30887
Ion Ratio	Lower	Upper	
142	100		
127	39.1	31.0	46.4
141	16.9	11.6	17.4





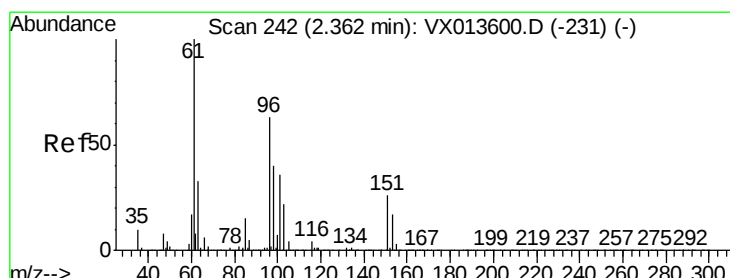
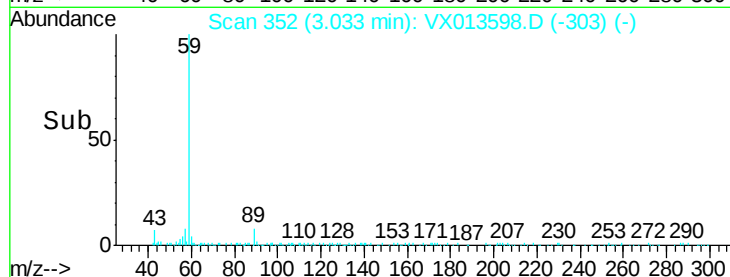
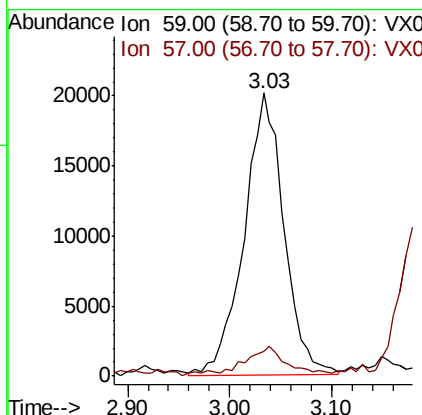
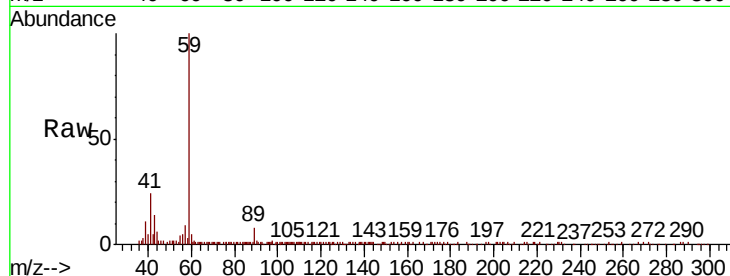
#11
Tert butyl alcohol
Concen: 27.916 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 59 Resp: 54582
Ion Ratio Lower Upper
59 100
57 12.1 7.8 11.6#

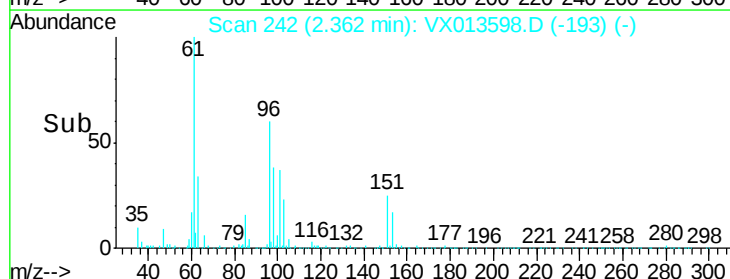
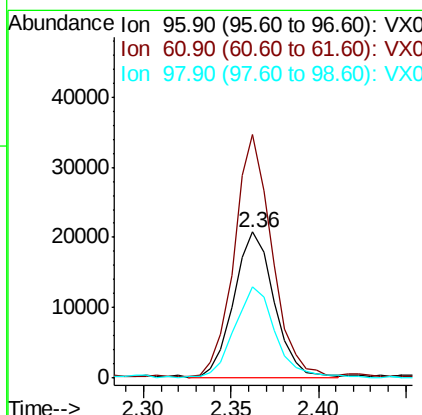
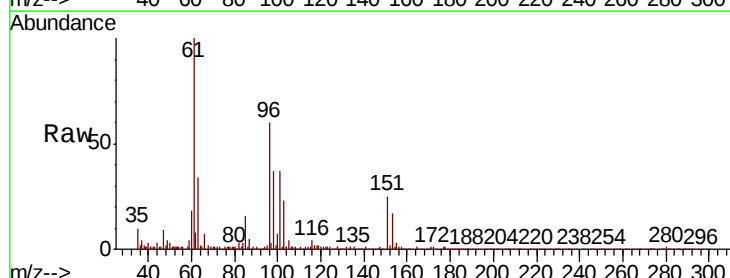
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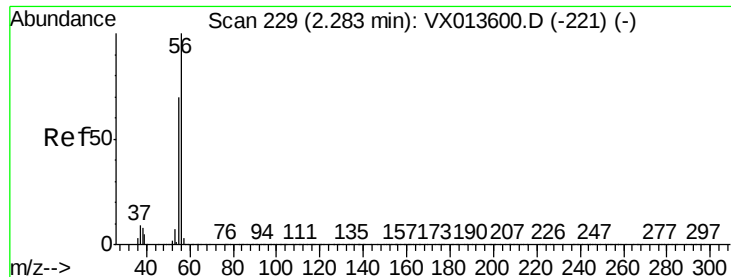
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#12
1,1-Dichloroethene
Concen: 5.653 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Tgt Ion: 96 Resp: 32973
Ion Ratio Lower Upper
96 100
61 166.7 126.6 190.0
98 61.8 50.6 76.0





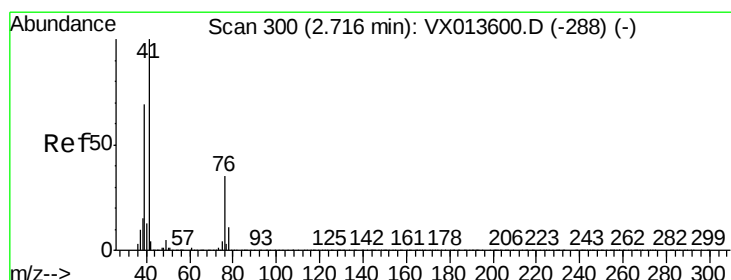
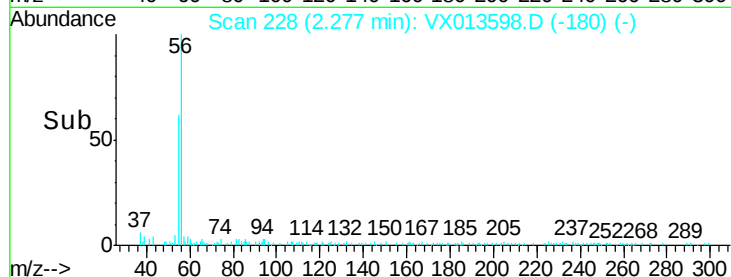
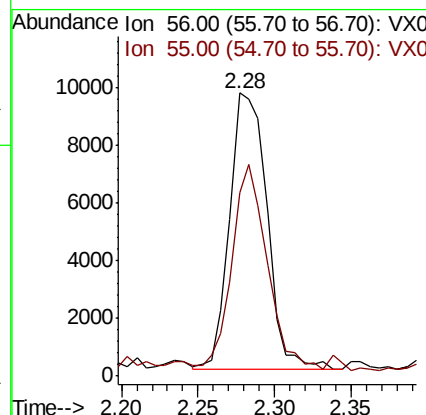
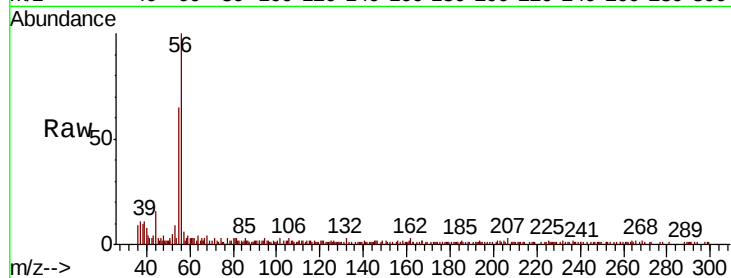
#13
Acrolein
Concen: 14.599 ug/l
RT: 2.28 min Scan# 228
Delta R.T. -0.01 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.5	56.2	84.4

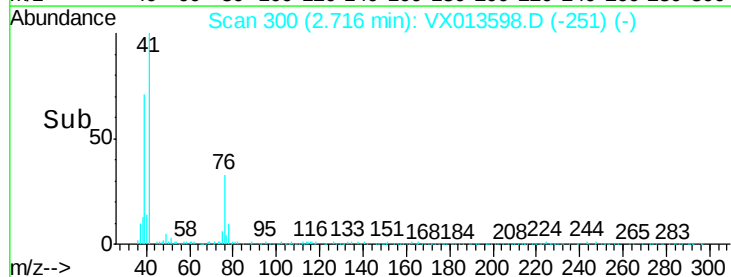
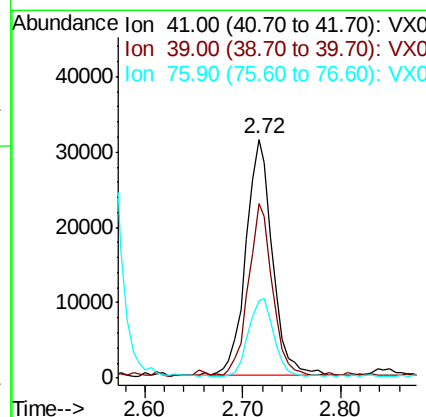
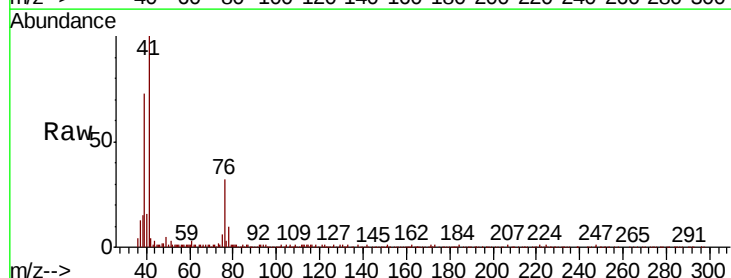
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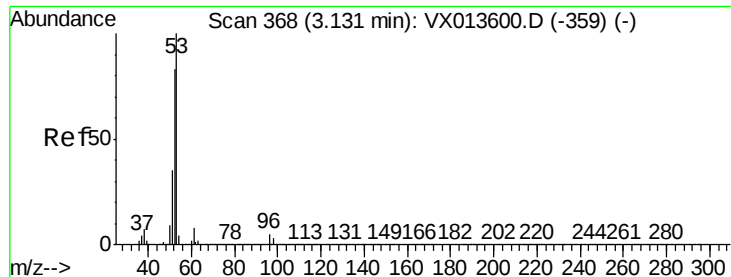
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#14
Allyl chloride
Concen: 5.558 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Tgt Ion	Ratio	Lower	Upper
41	100		
39	66.0	51.7	77.5
76	31.6	25.9	38.9





#15

Acrylonitrile

Concen: 28.581 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

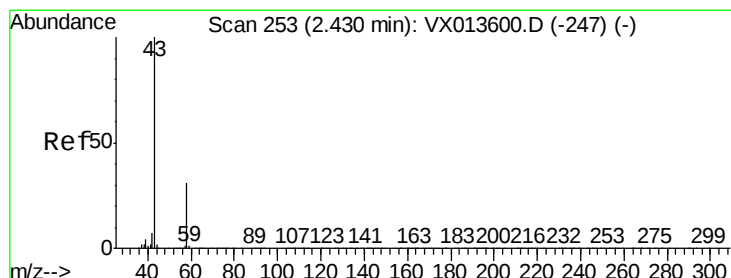
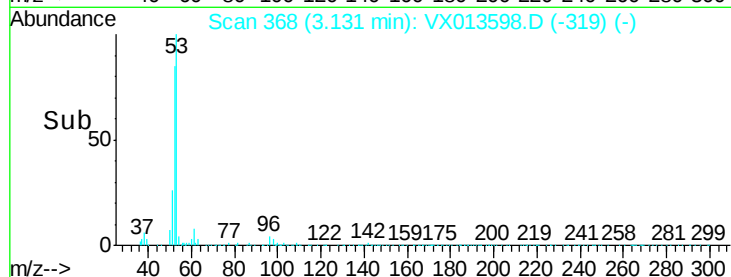
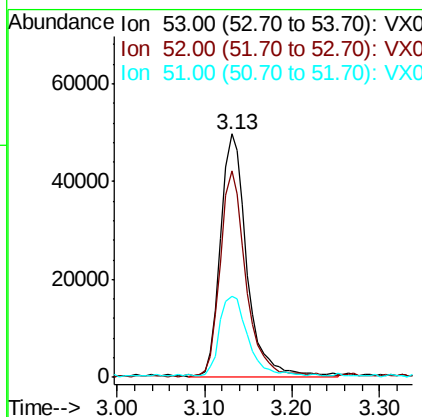
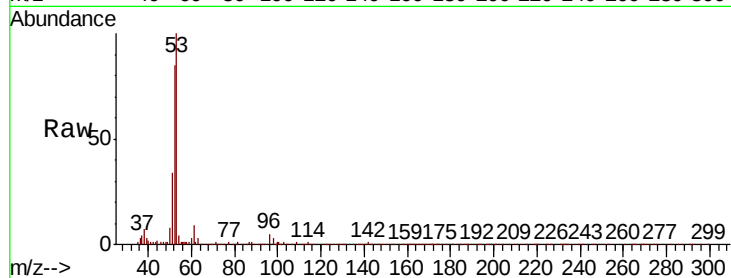
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	105246
Ion	Ratio	Lower	Upper
53	100		
52	81.7	66.2	99.2
51	35.0	29.0	43.6

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#16

Acetone

Concen: 26.751 ug/l

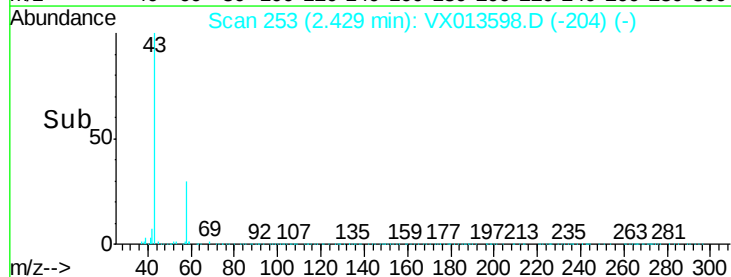
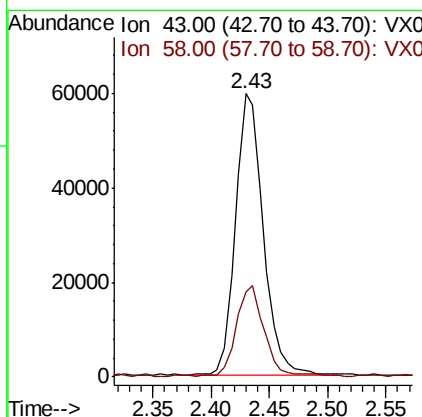
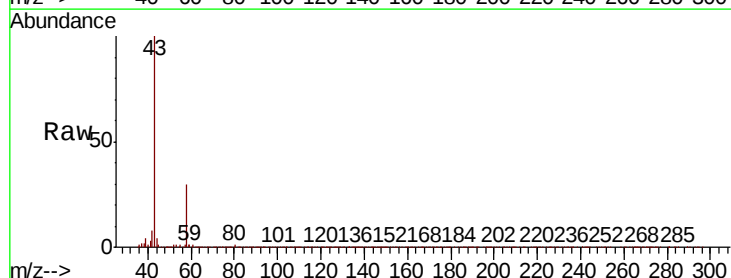
RT: 2.43 min Scan# 253

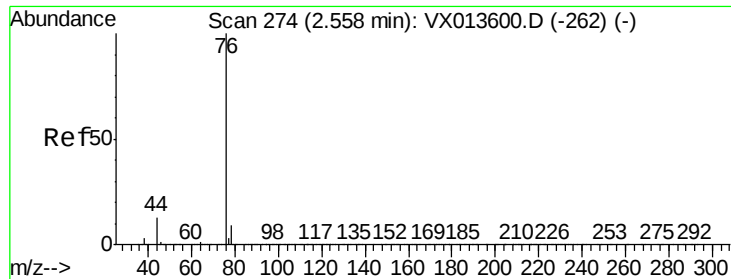
Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Tgt Ion:	43	Resp:	99434
Ion	Ratio	Lower	Upper
43	100		
58	29.9	24.6	36.8





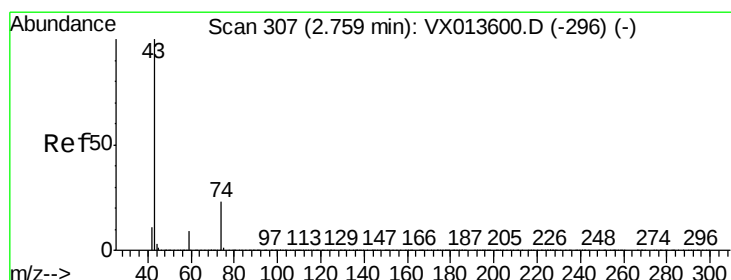
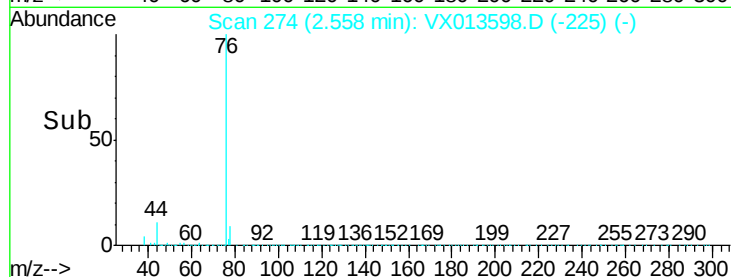
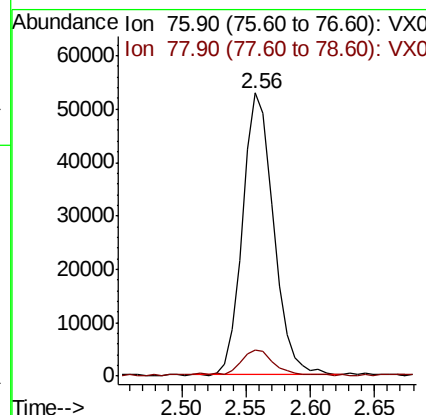
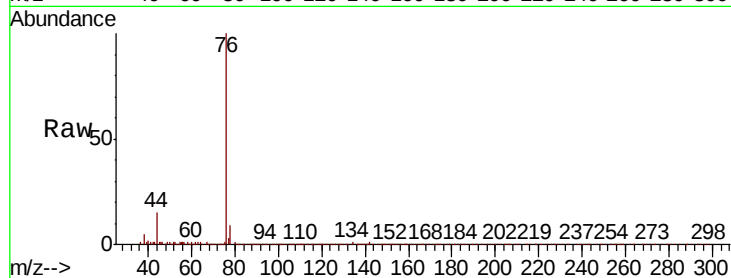
#17
Carbon Disulfide
Concen: 5.600 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.2	10.8

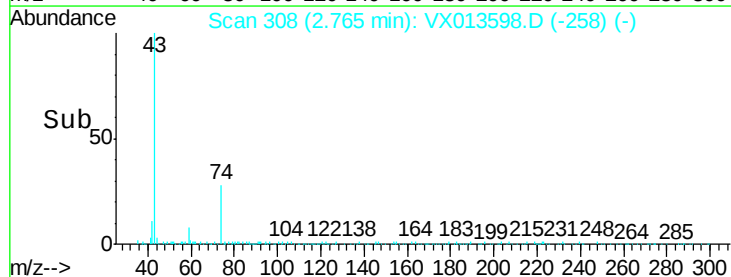
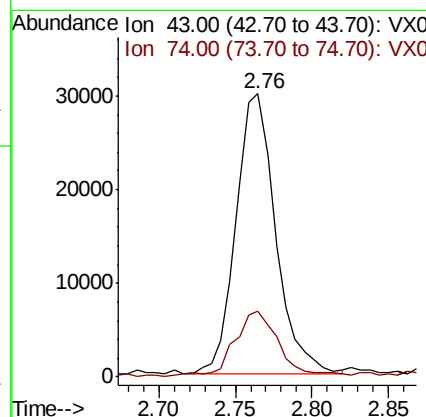
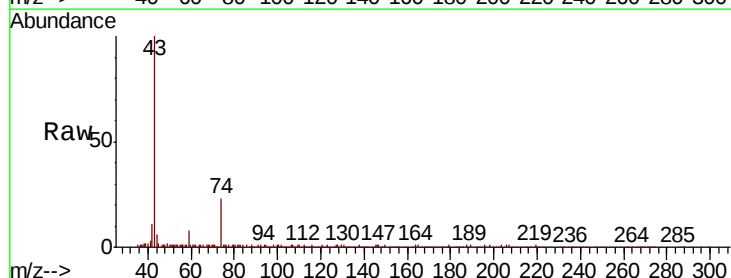
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#18
Methyl Acetate
Concen: 5.239 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.1	19.5	29.3





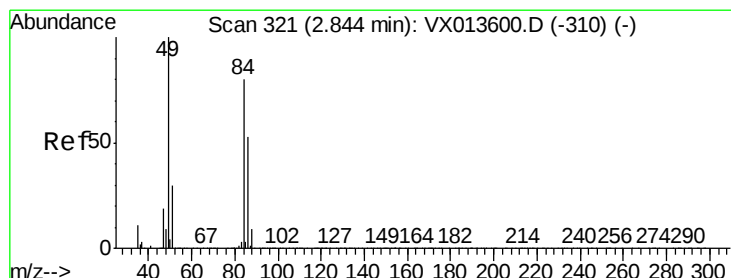
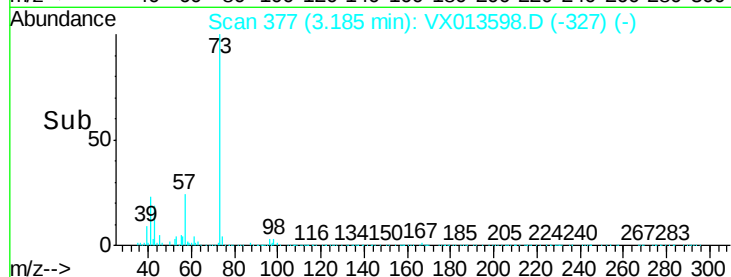
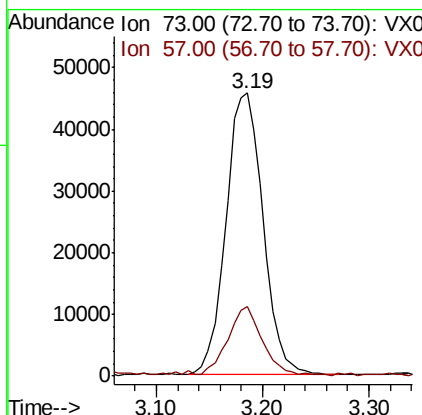
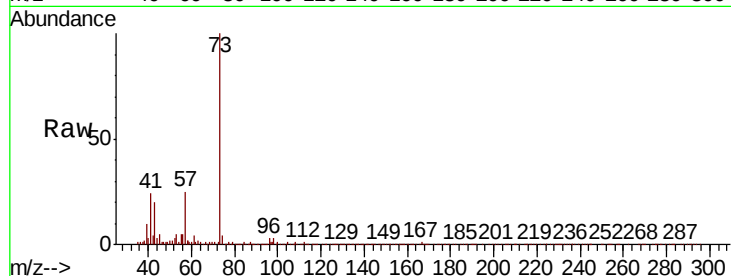
#19
Methvl tert-butvl Ether
Concen: 5.752 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.5	18.3	27.5

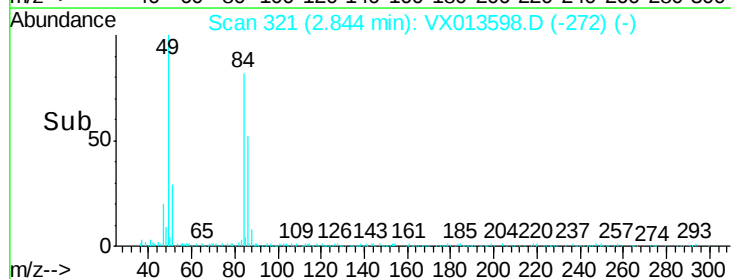
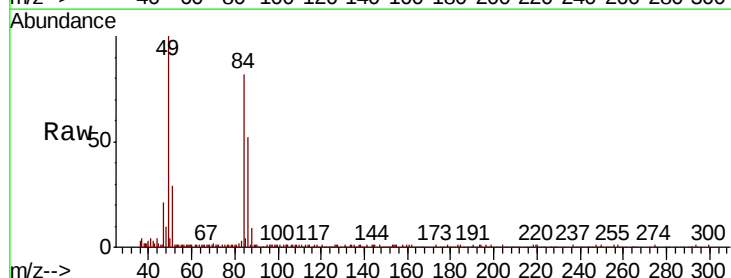
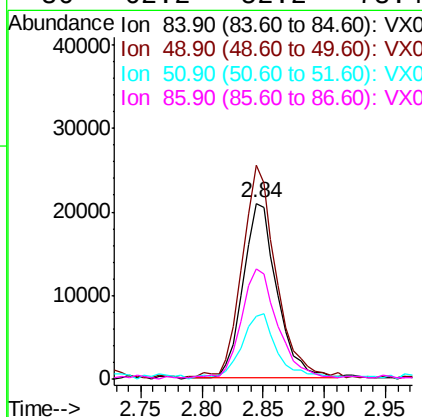
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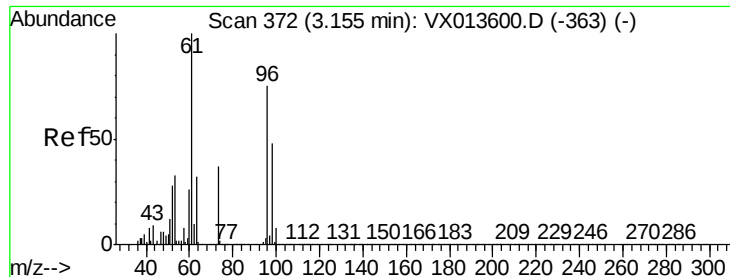
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#20
Methylene Chloride
Concen: 5.853 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.5	99.7	149.5
51	35.6	29.9	44.9
86	62.2	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 5.733 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

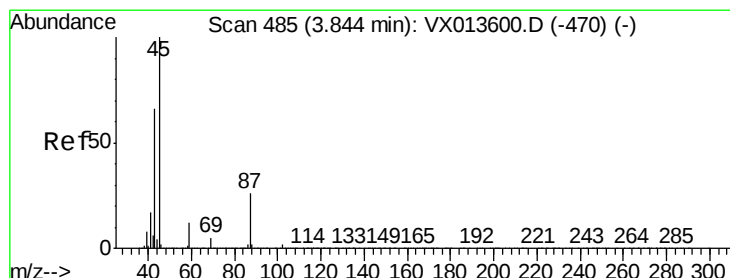
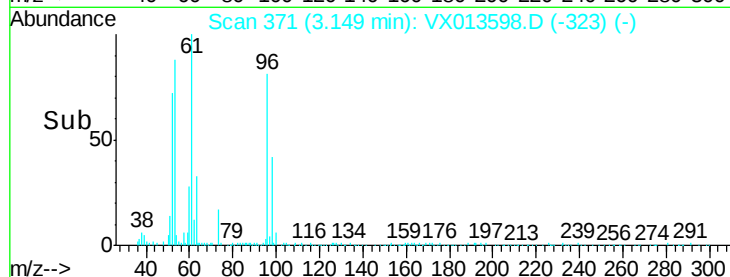
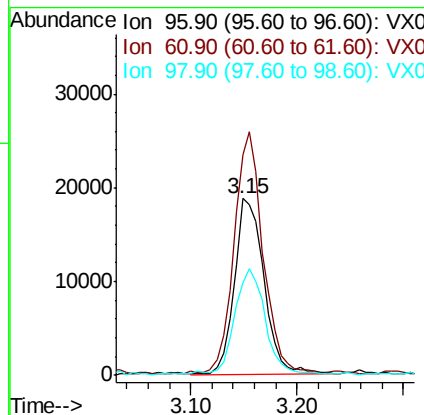
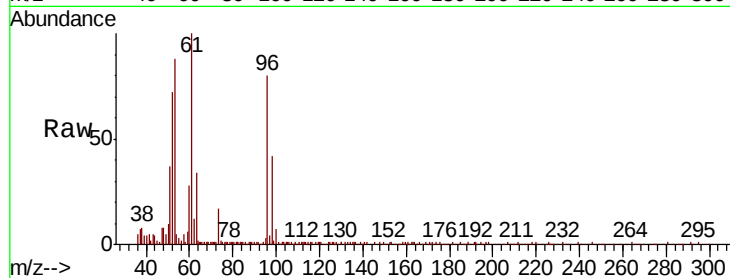
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	36401
Ion	Ratio	Lower	Upper
96	100		
61	123.9	107.2	160.8
98	52.4	51.4	77.0

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#22

Diisopropyl ether

Concen: 5.921 ug/l

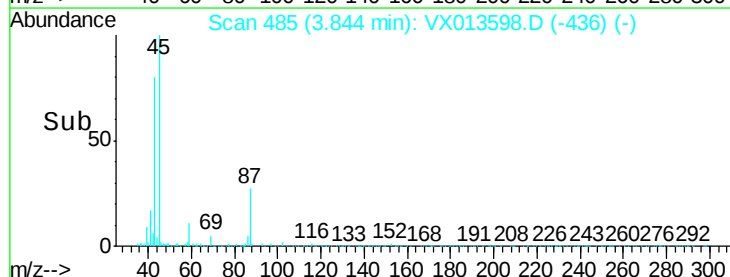
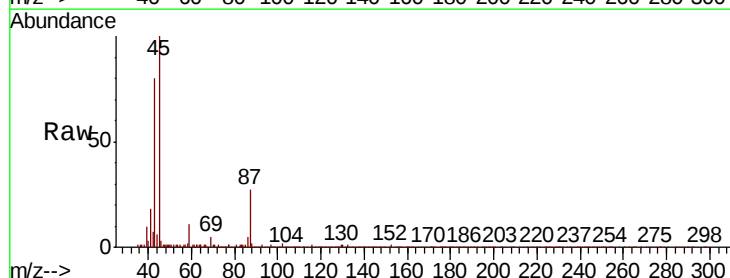
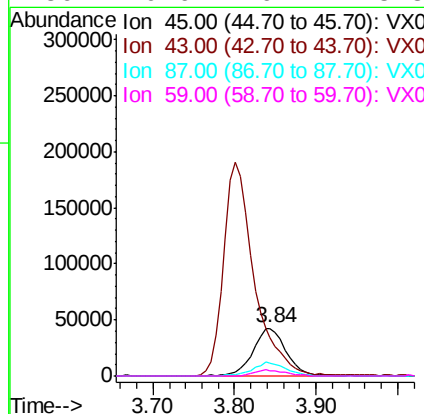
RT: 3.84 min Scan# 485

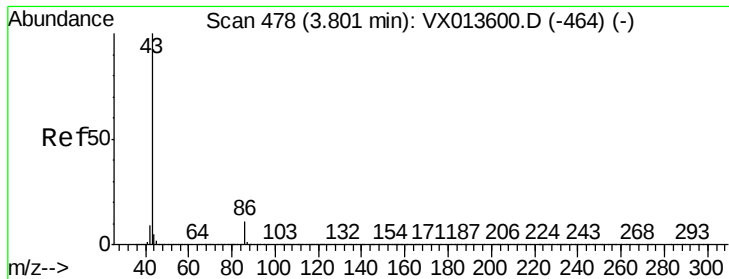
Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Tgt Ion:	45	Resp:	120882
Ion	Ratio	Lower	Upper
45	100		
43	79.1	52.6	79.0#
87	26.8	21.1	31.7
59	10.6	9.2	13.8





#23

Vinyl Acetate

Concen: 28.523 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 496712

Ion Ratio Lower Upper

43 100

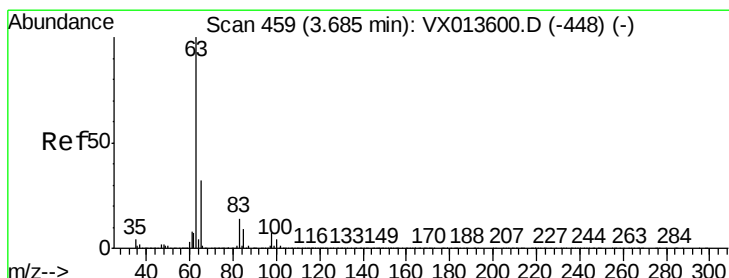
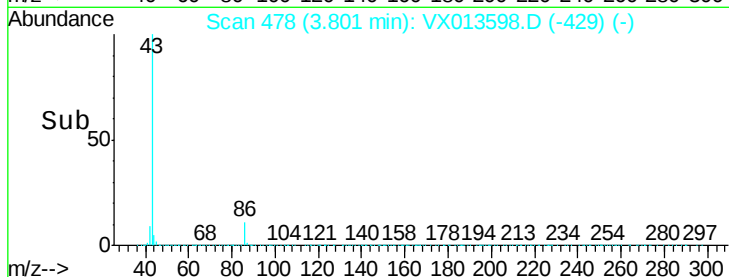
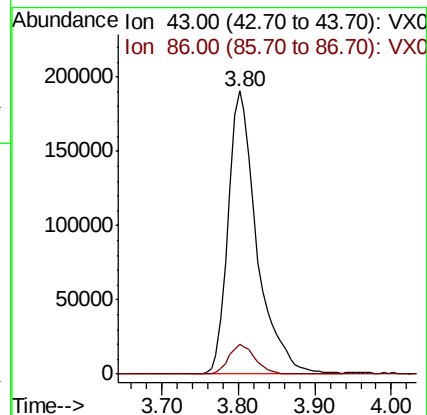
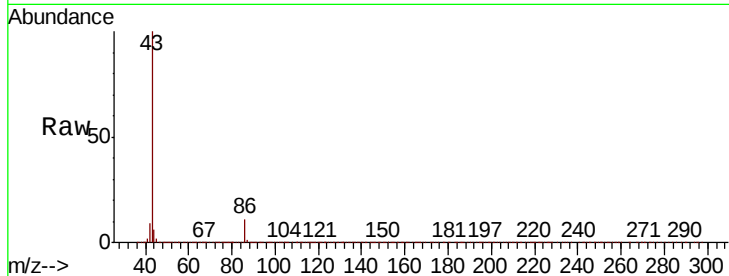
86 10.5 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 5.662 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

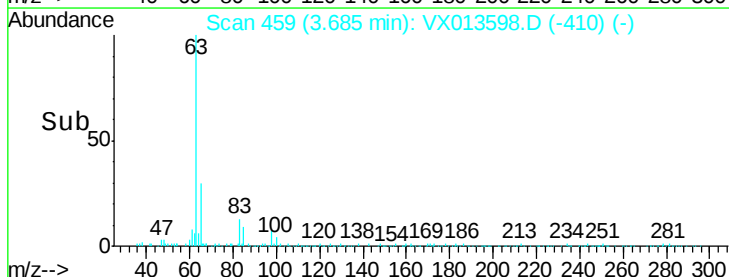
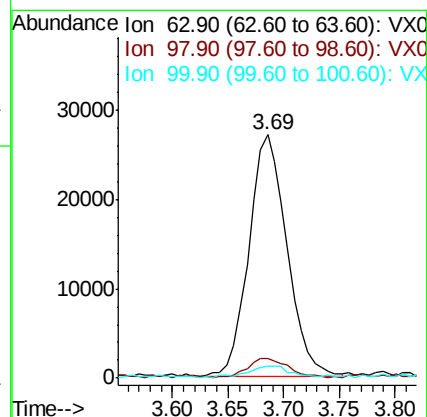
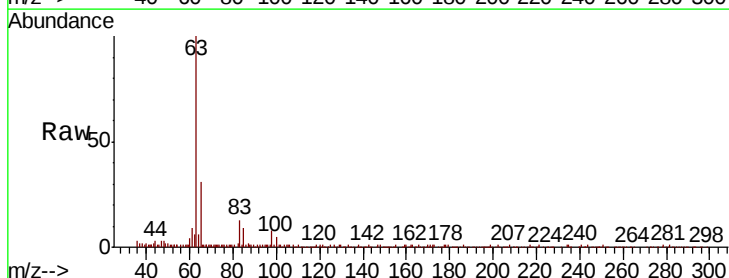
Tgt Ion: 63 Resp: 64684

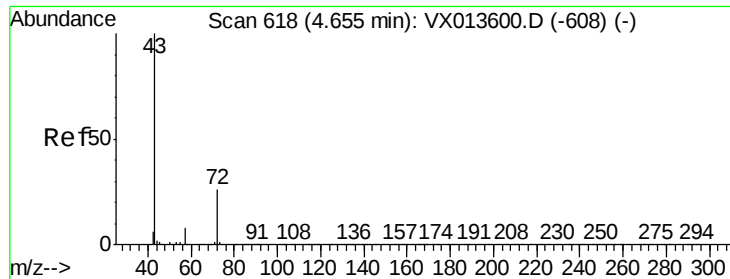
Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.4

100 4.2 2.1 6.3





#25

2-Butanone

Concen: 27.448 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 149930

Ion Ratio Lower Upper

43 100

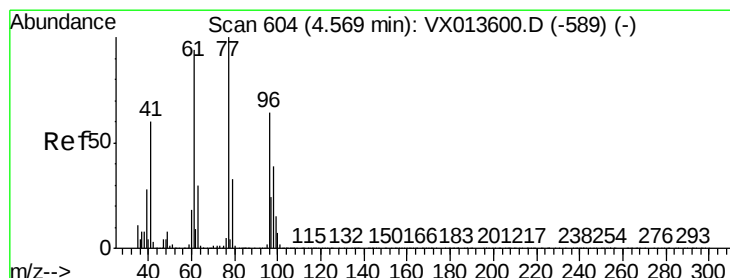
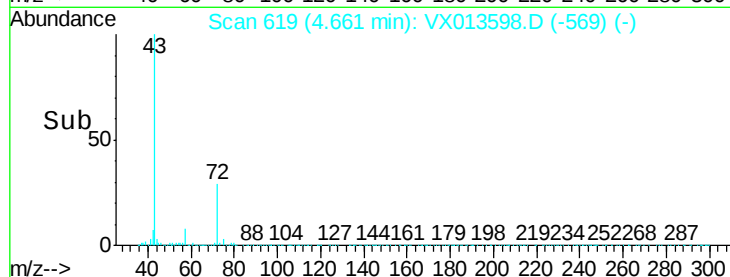
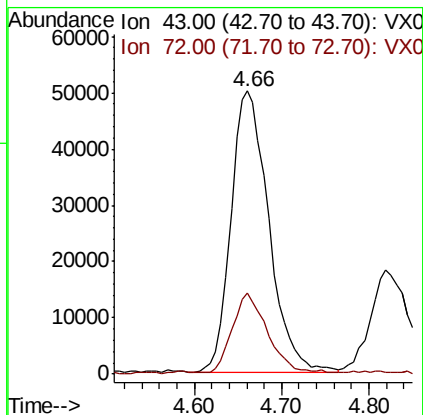
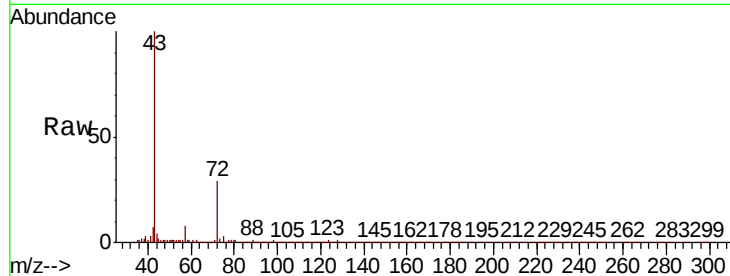
72 28.3 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 5.948 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013598.D

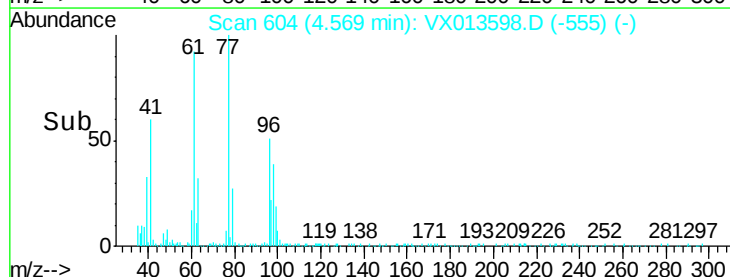
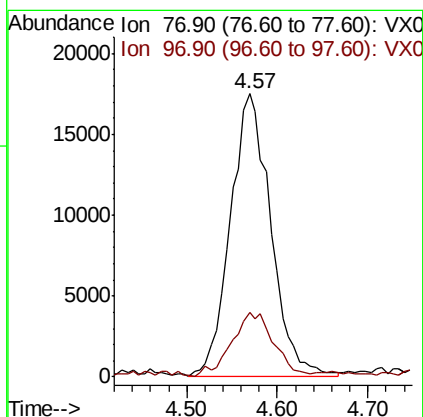
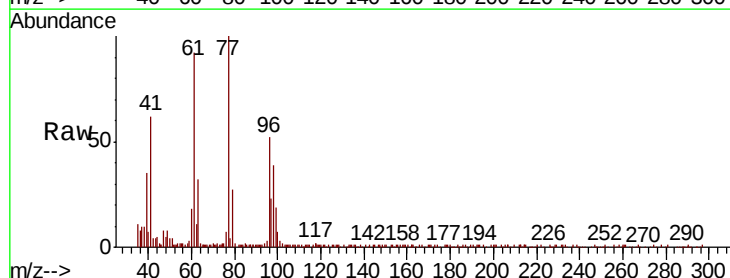
Acq: 26 Nov 2019 13:55

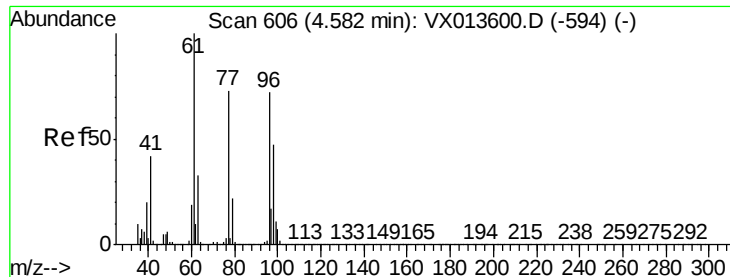
Tgt Ion: 77 Resp: 54281

Ion Ratio Lower Upper

77 100

97 23.8 12.0 36.1





#27

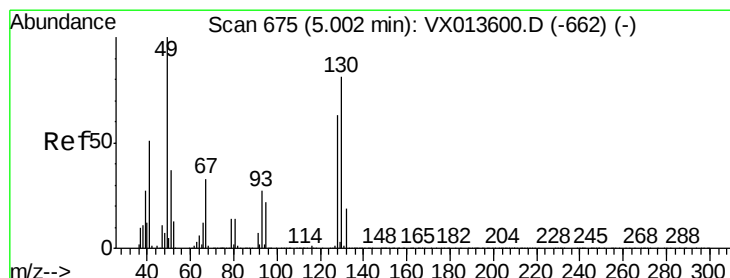
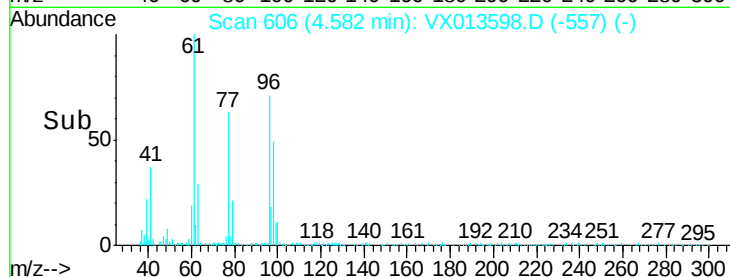
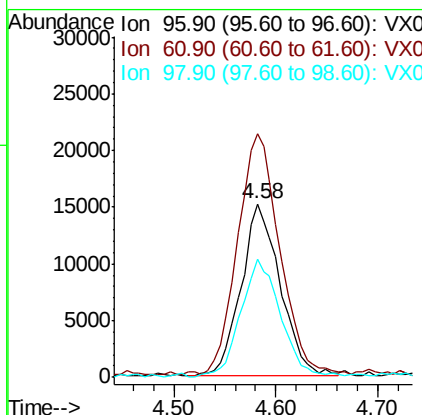
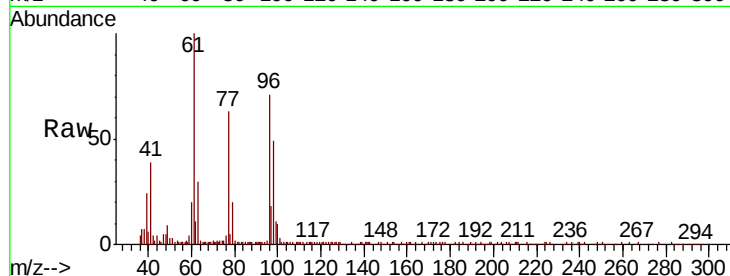
cis-1,2-Dichloroethene
Concen: 5.661 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	152.0	0.0	286.4	
98	70.7	0.0	127.4	

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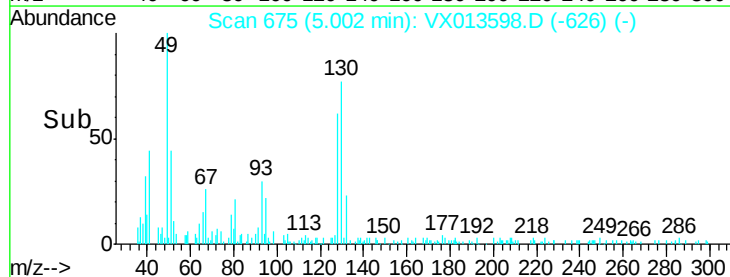
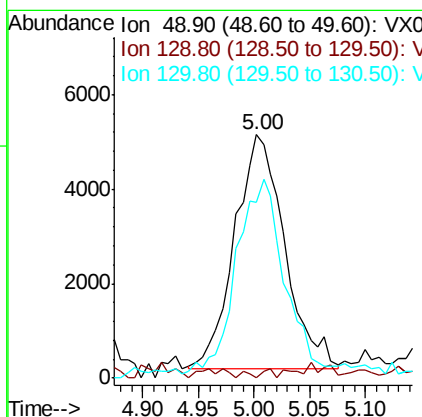
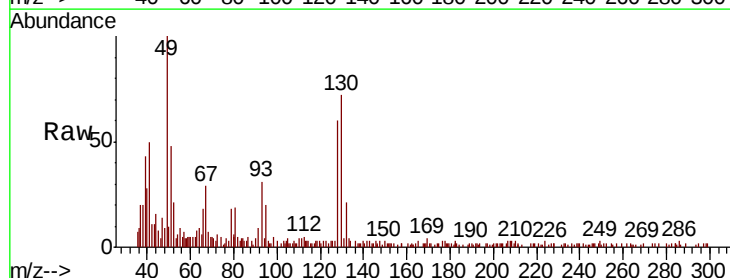
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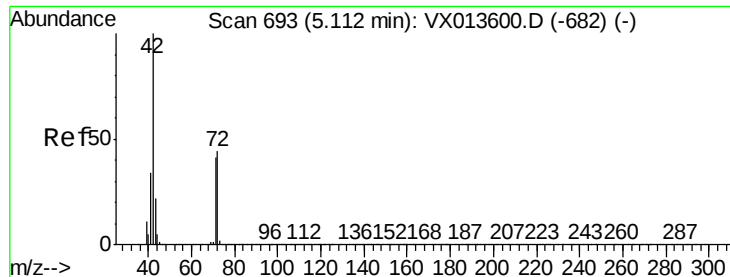


#28

Bromochloromethane
Concen: 4.465 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.8	0.0	5.0	
130	79.2	65.4	98.0	





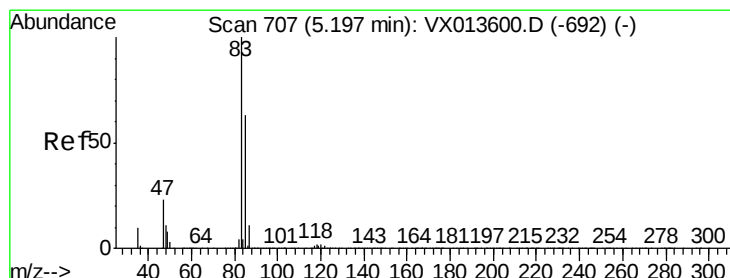
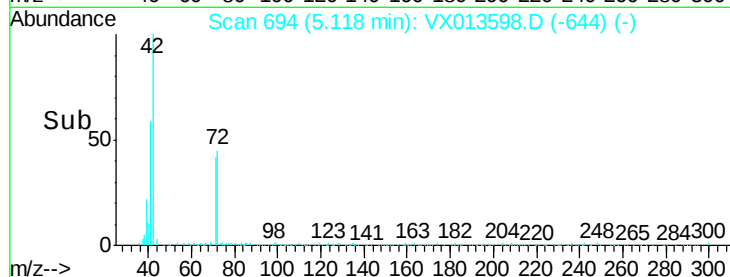
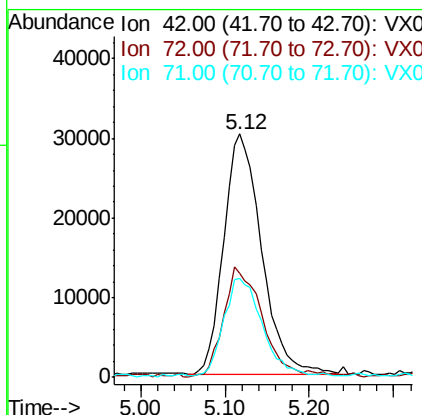
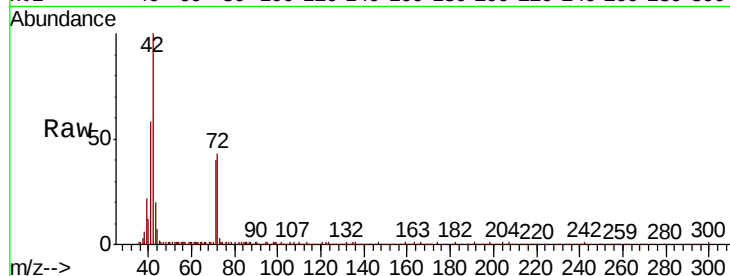
#29
Tetrahydrofuran
Concen: 27.504 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	42	Resp:	92370
Ion Ratio	Lower	Upper	
42	100		
72	48.2	36.3	54.5
71	41.0	33.2	49.8

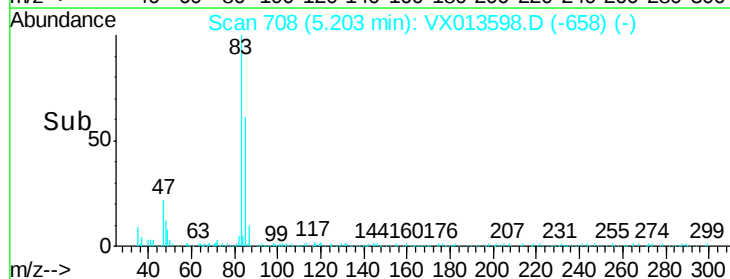
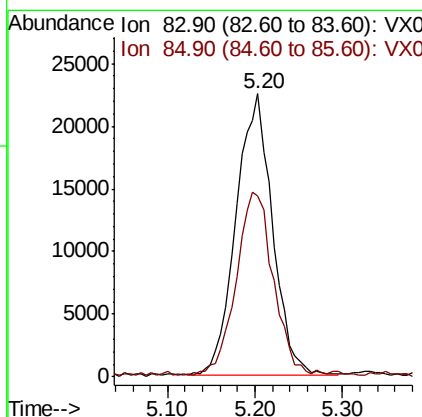
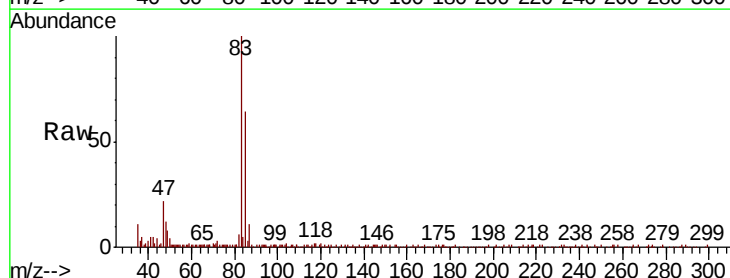
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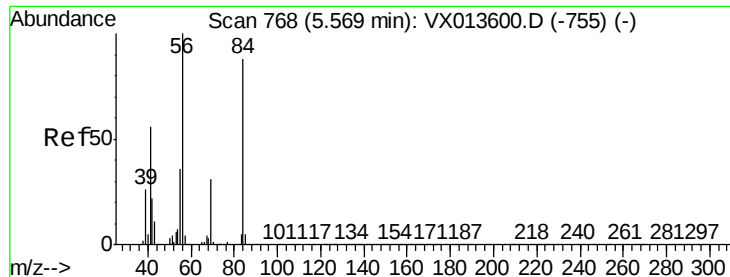
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#30
Chloroform
Concen: 5.759 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Tgt Ion:	83	Resp:	64882
Ion Ratio	Lower	Upper	
83	100		
85	63.0	50.2	75.4





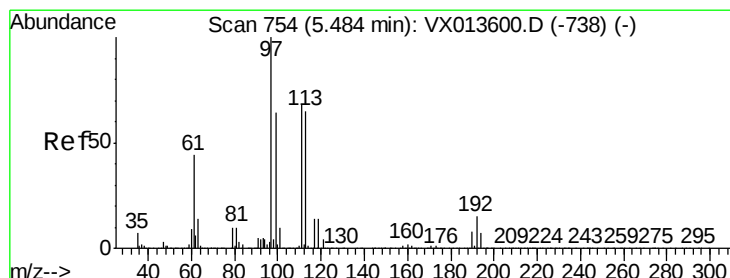
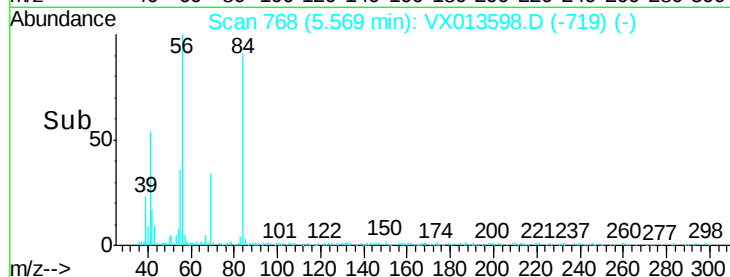
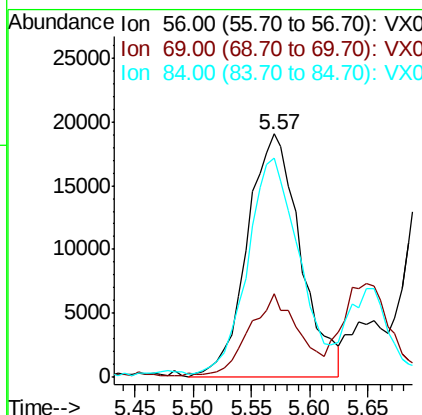
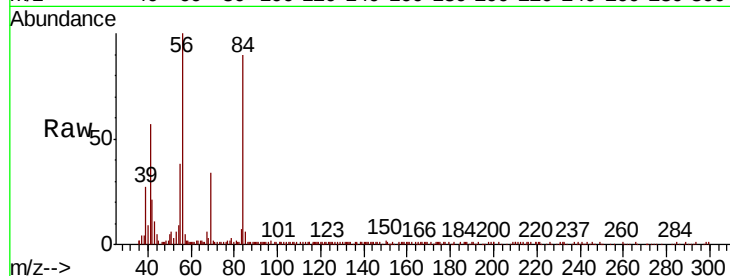
#31
Cyclohexane
Concen: 5.835 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.9	24.6	36.8
84	89.0	70.0	105.0

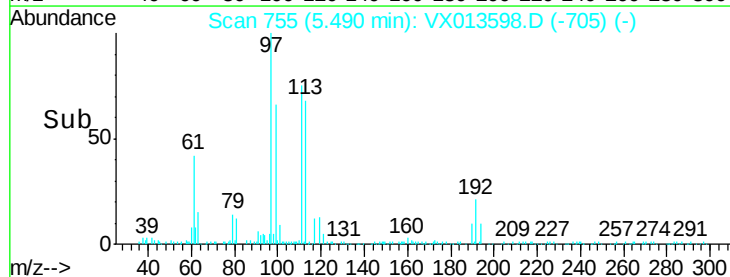
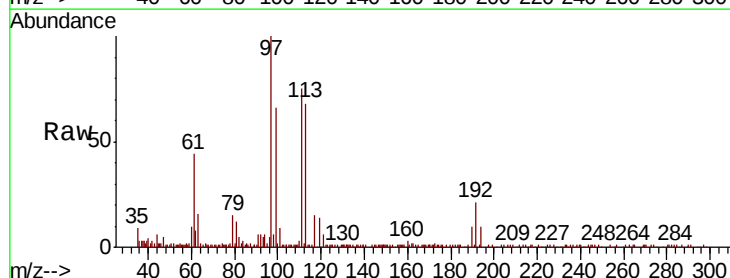
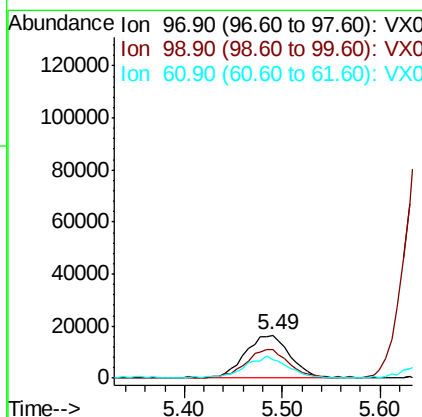
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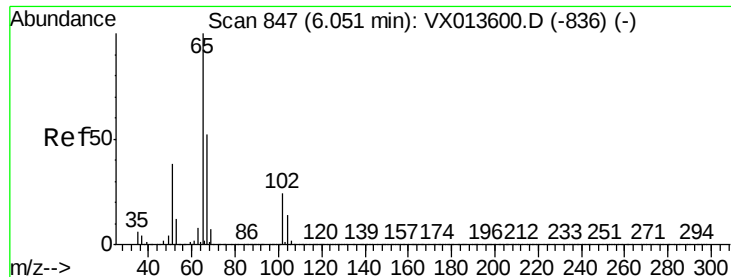
apatel
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#32
1,1,1-Trichloroethane
Concen: 5.427 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.7	51.6	77.4
61	47.2	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 5.648 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 65 Resp: 42121

Ion Ratio Lower Upper

65 100

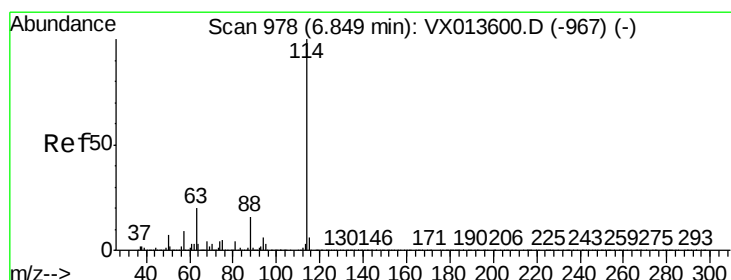
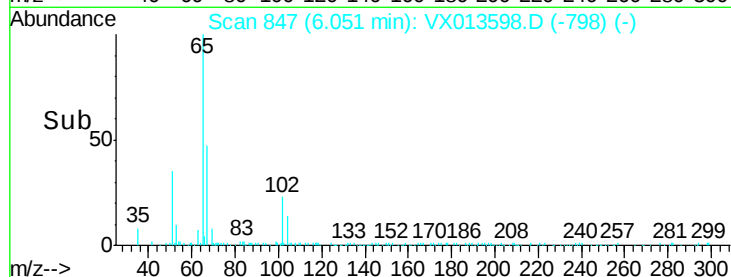
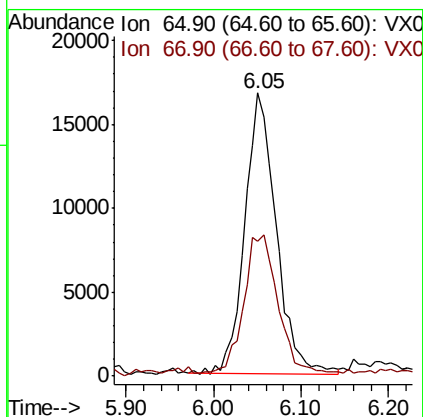
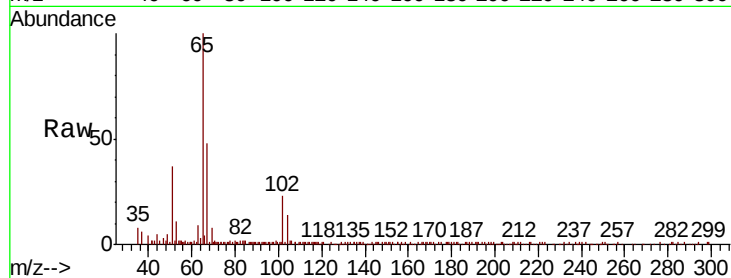
67 52.3 0.0 104.4

Manual Integrations

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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: VX013598.D

Acq: 26 Nov 2019 13:55

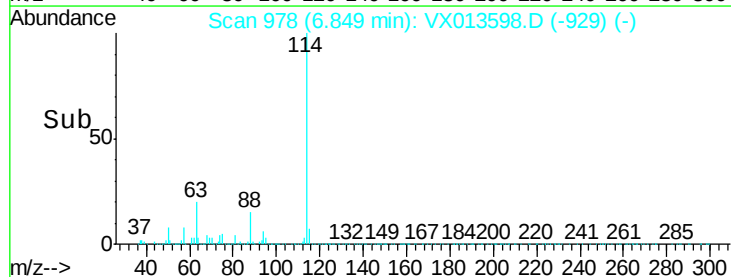
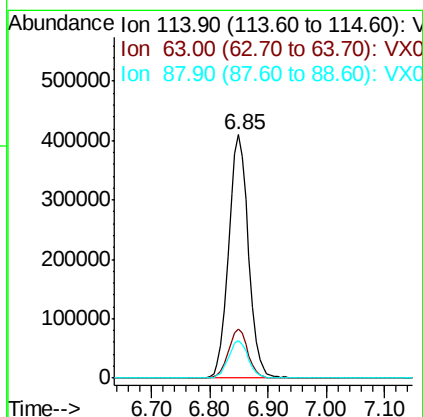
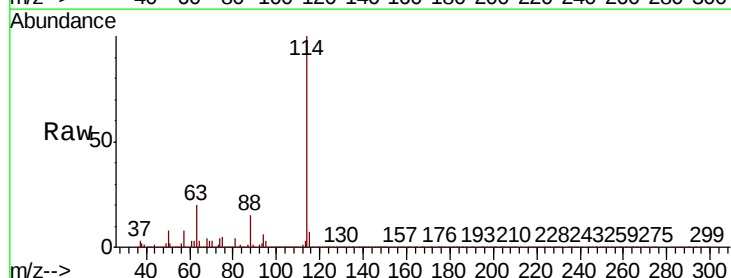
Tgt Ion: 114 Resp: 966671

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 15.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 5.282 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

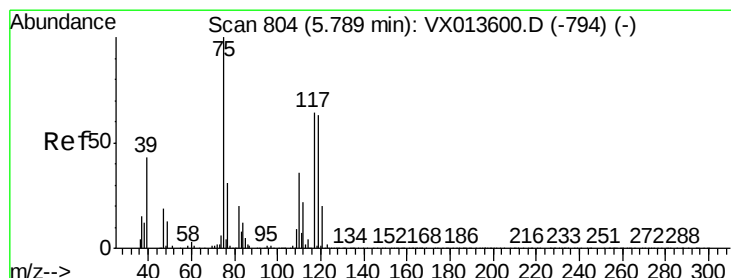
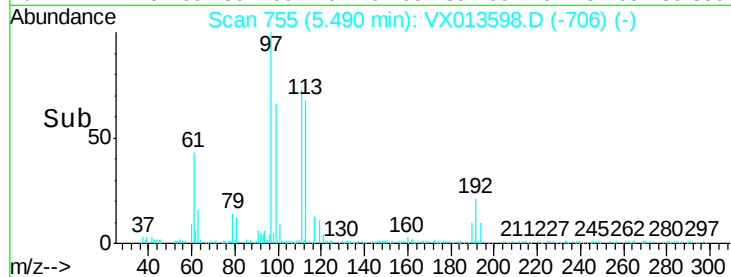
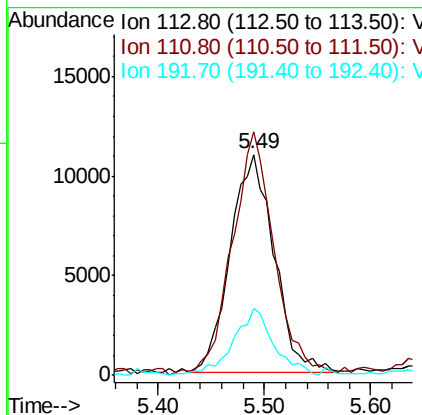
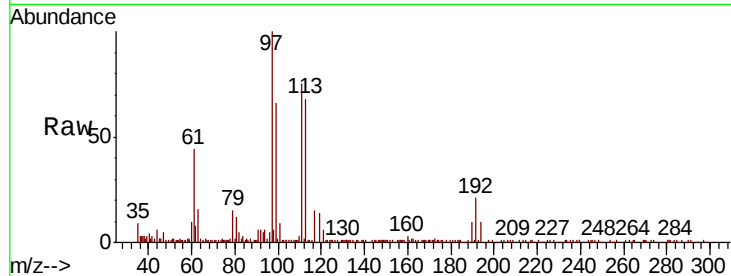
ClientSampleId :

VSTDIC005

Tot Ion:	113	Resp:	31624
Ion Ratio	Lower	Upper	
113	100		
111	107.8	83.6	125.4
192	28.3	19.2	28.8

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#36

1,1-Dichloropropene

Concen: 6.001 ug/l

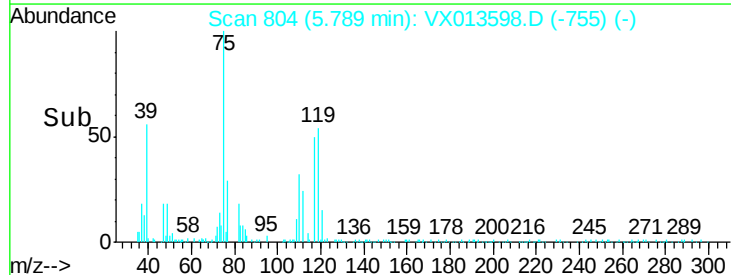
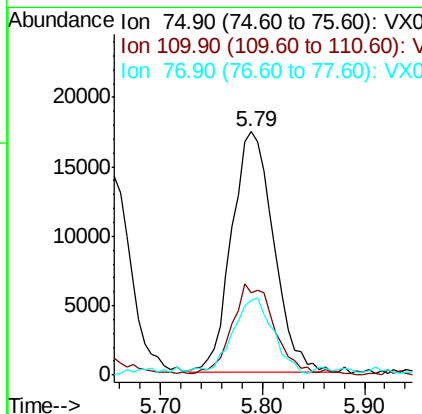
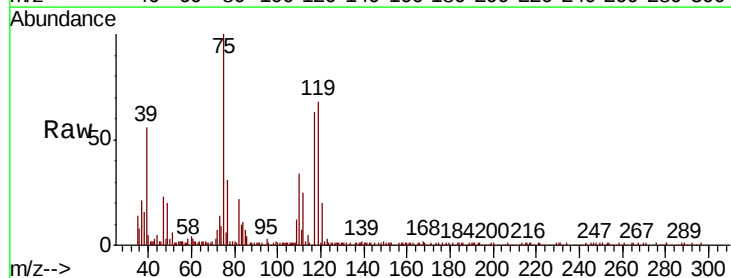
RT: 5.79 min Scan# 804

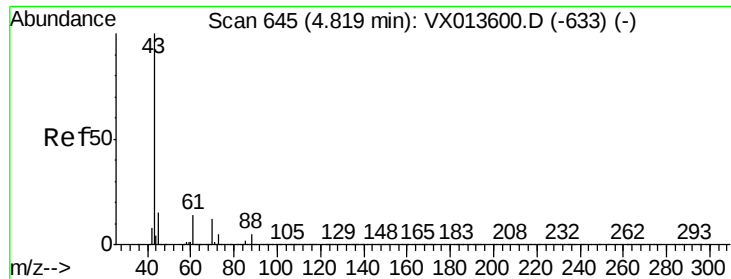
Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Tgt Ion:	75	Resp:	49580
Ion Ratio	Lower	Upper	
75	100		
110	36.9	18.1	54.1
77	30.1	24.5	36.7





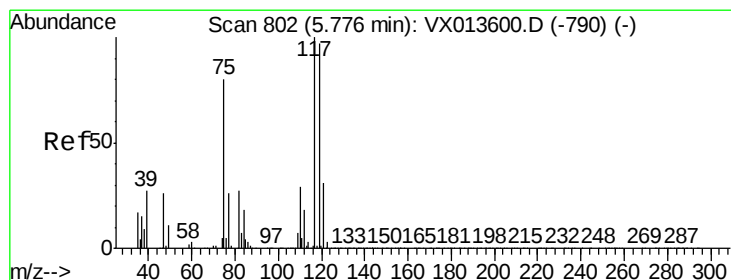
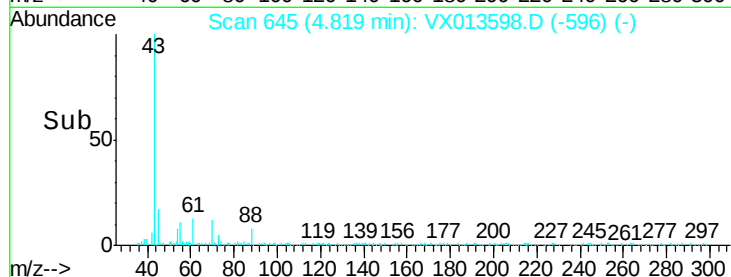
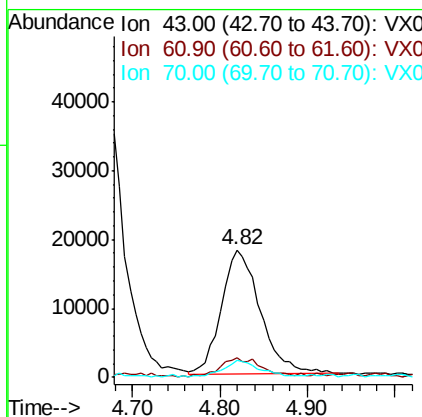
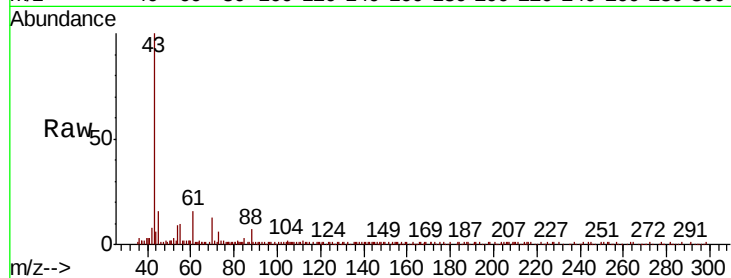
#37
Ethyl Acetate
Concen: 5.478 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.8	11.0	16.4#
70	11.4	8.6	12.8

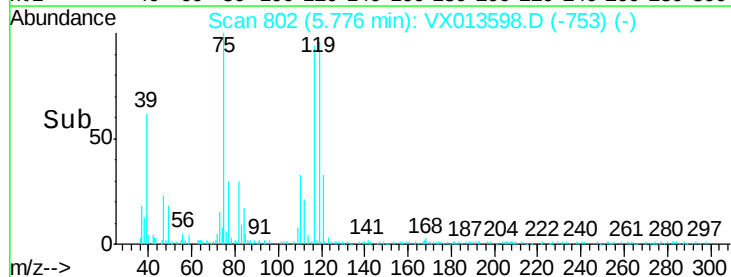
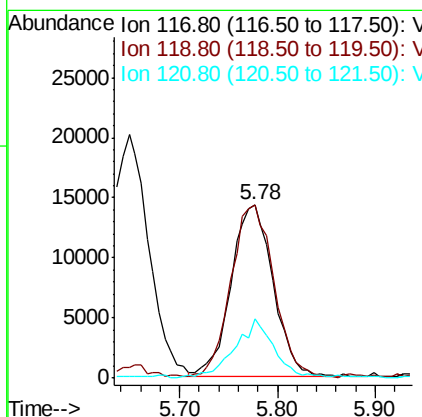
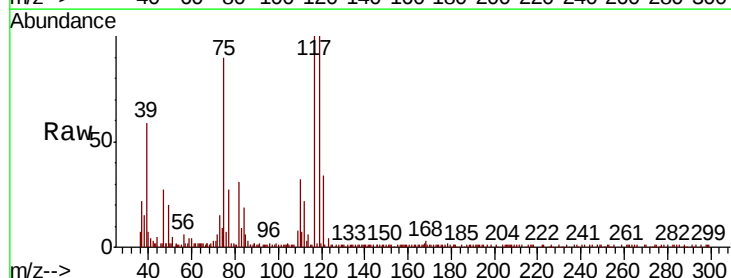
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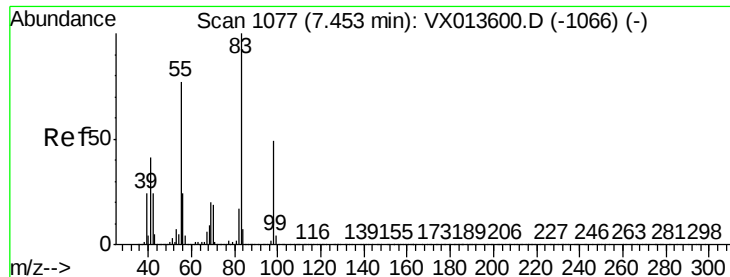
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#38
Carbon Tetrachloride
Concen: 5.255 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.1	77.5	116.3
121	32.8	25.0	37.6





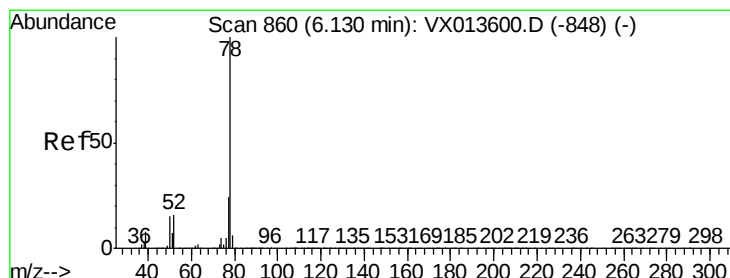
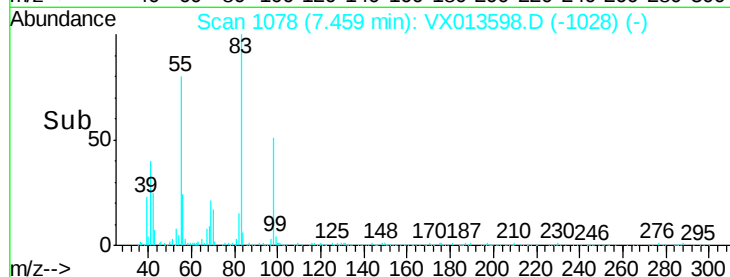
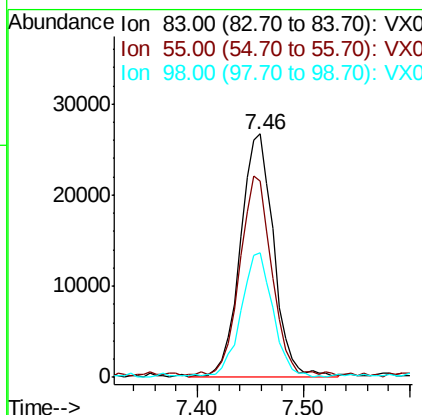
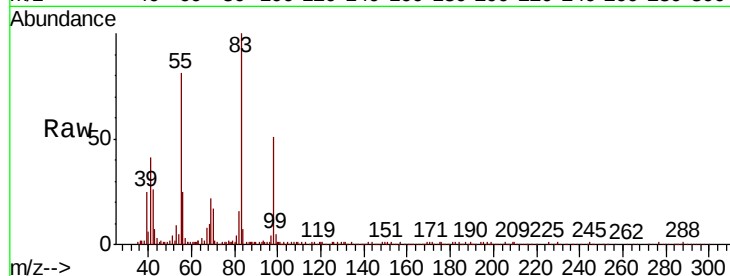
#39
Methvlcvclohexane
Concen: 5.703 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.9	61.9	92.9
98	50.7	39.4	59.0

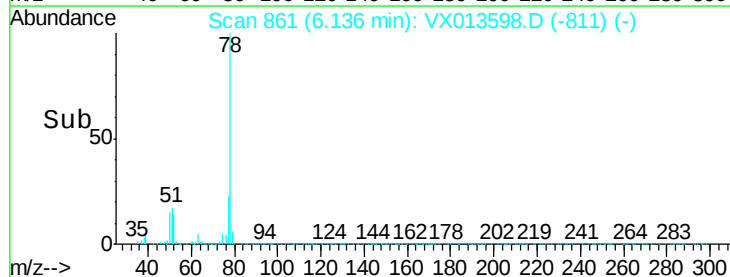
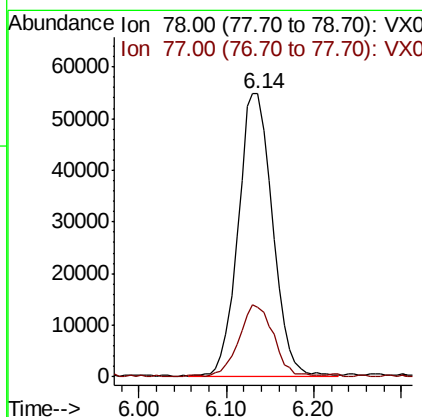
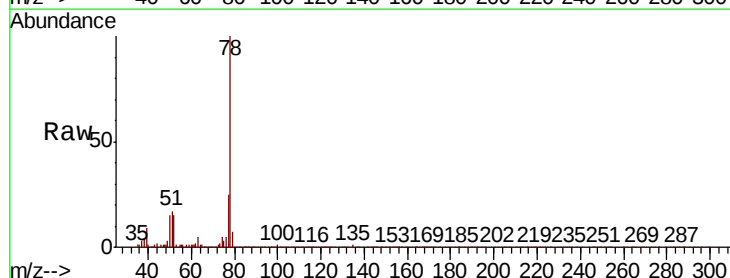
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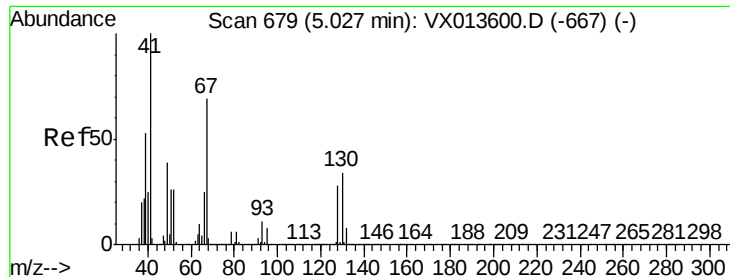
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#40
Benzene
Concen: 5.768 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.4





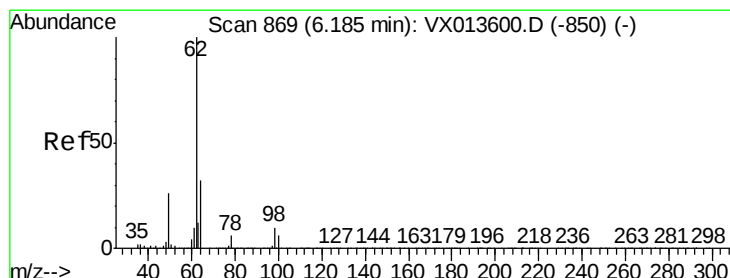
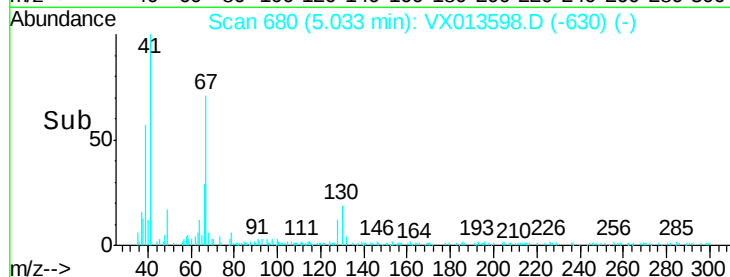
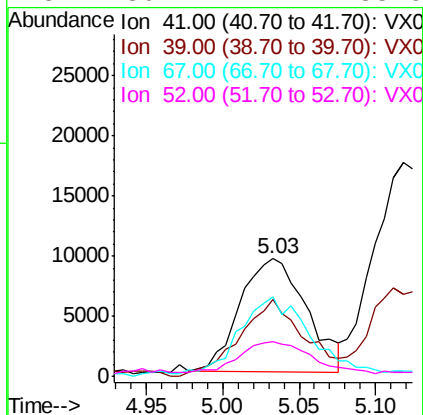
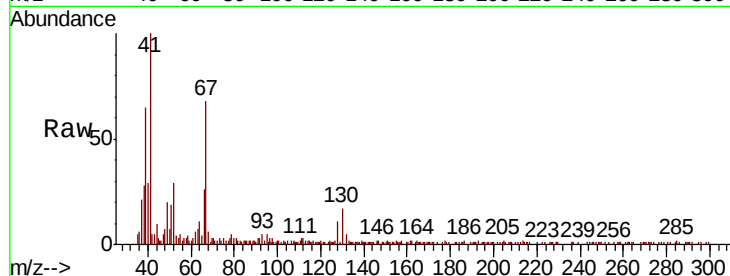
#41
Methacrylonitrile
Concen: 4.985 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
41	100		
39	65.5	42.9	64.3#
67	72.2	57.4	86.0
52	30.4	22.4	33.6

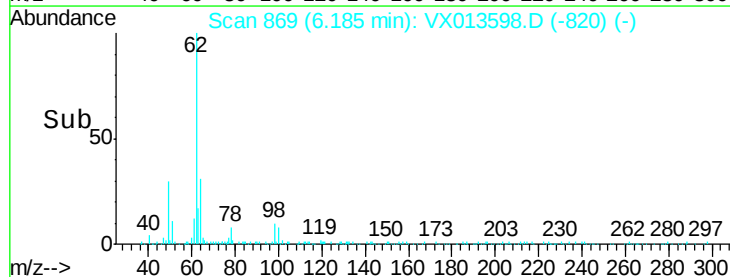
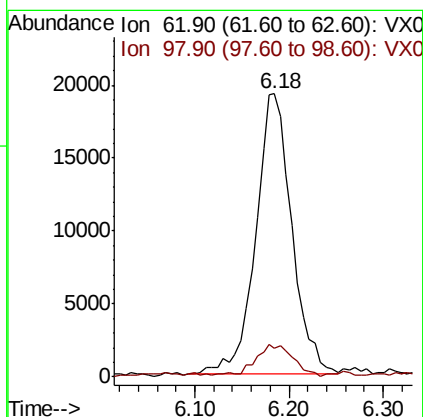
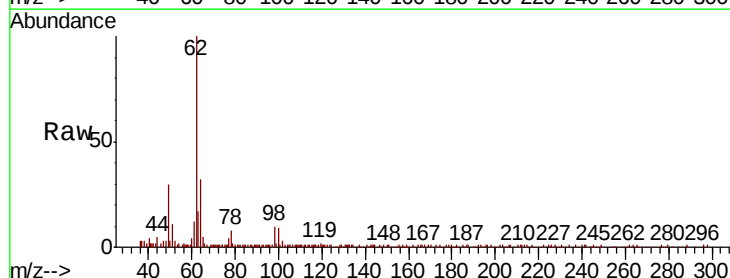
Manual Integrations
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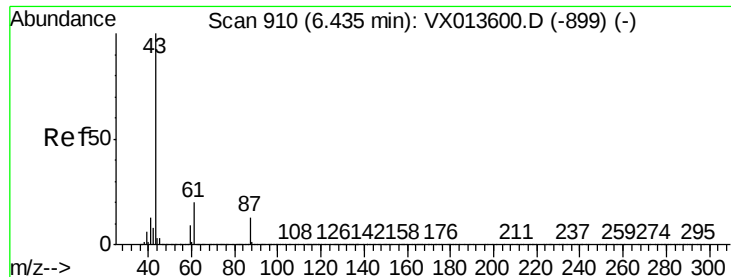
apatel
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#42
1,2-Dichloroethane
Concen: 5.632 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Tgt Ion	Ratio	Lower	Upper
62	100		
98	12.4	0.0	20.8





#43

Isopropyl Acetate

Concen: 5.581 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

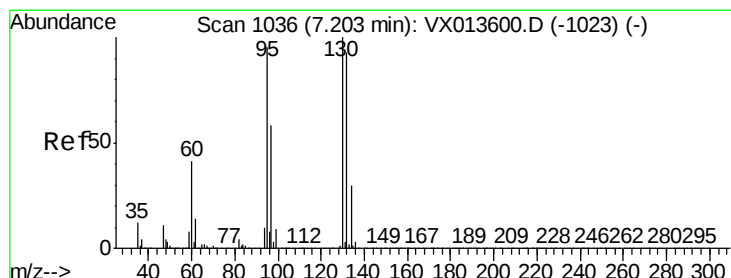
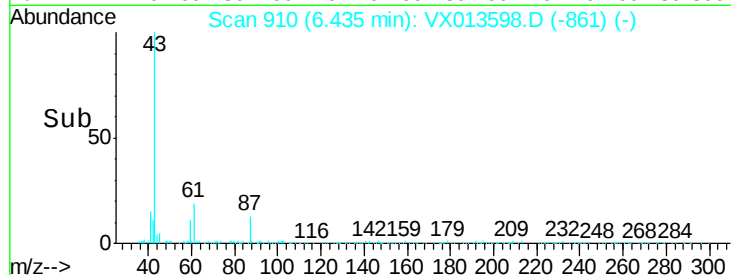
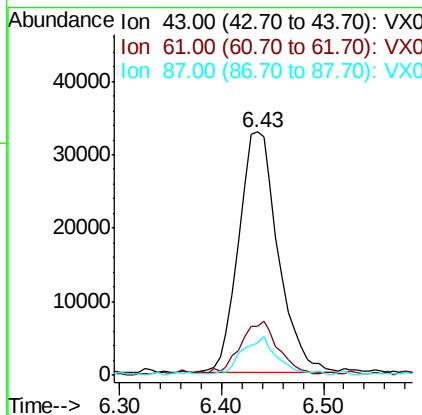
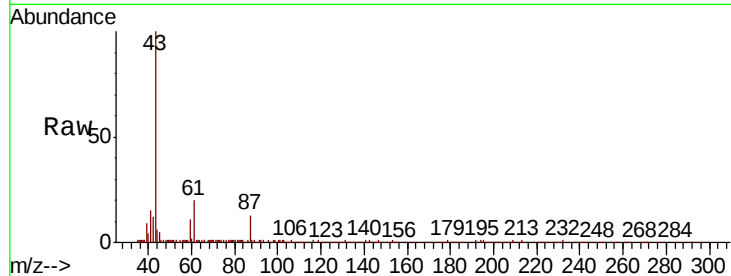
ClientSampleId :

VSTDIC005

Tot Ion:	43	Resp:	88211
Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.3	24.5
87	13.7	10.8	16.2

Manual Integrations
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#44

Trichloroethene

Concen: 5.590 ug/l

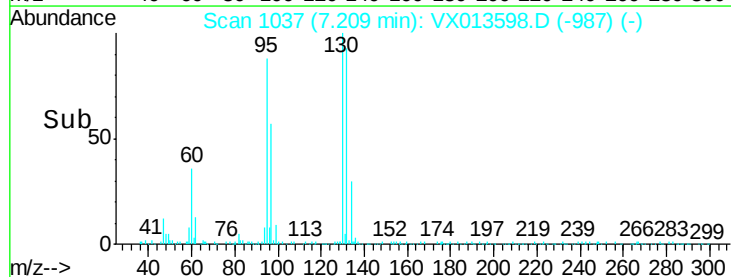
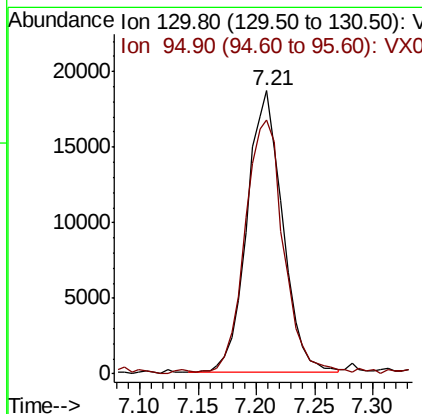
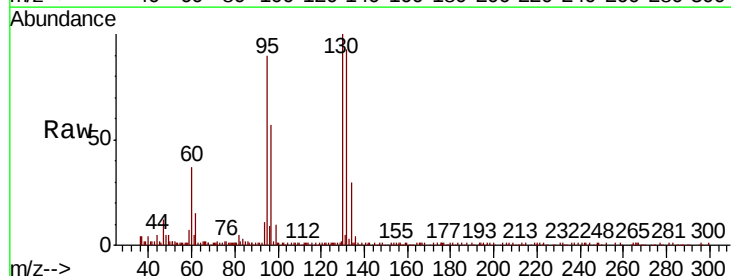
RT: 7.21 min Scan# 1037

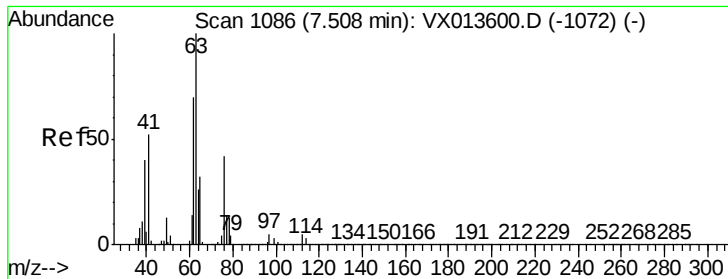
Delta R.T. 0.01 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Tgt Ion:	130	Resp:	39692
Ion	Ratio	Lower	Upper
130	100		
95	88.7	0.0	190.8





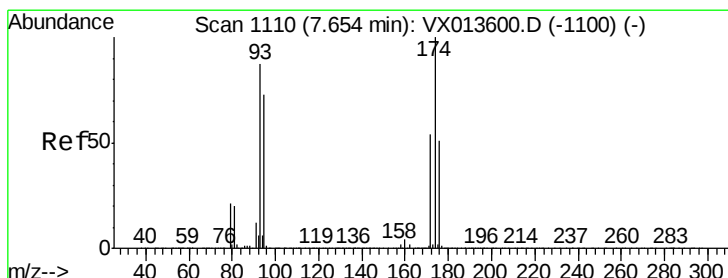
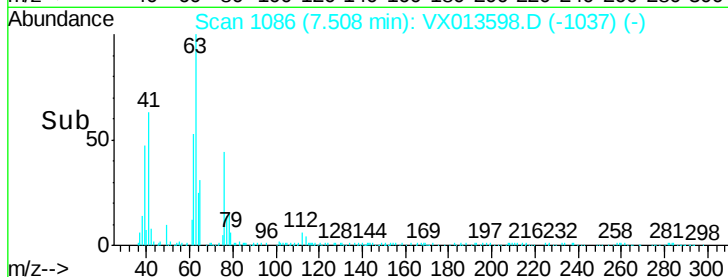
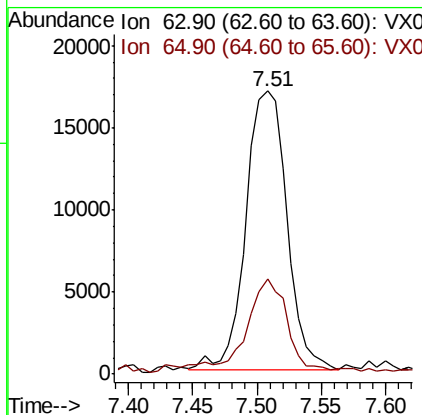
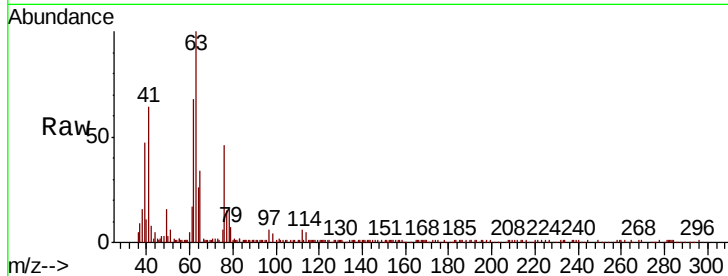
#45
 1,2-Dichloropropane
 Concen: 5.732 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013598.D
 Acq: 26 Nov 2019 13:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.5	38.3

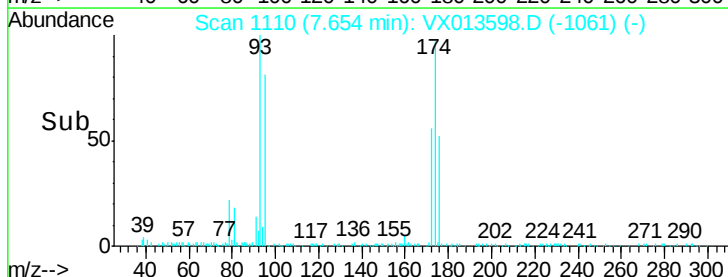
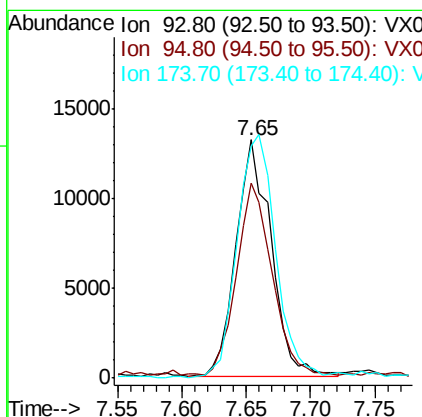
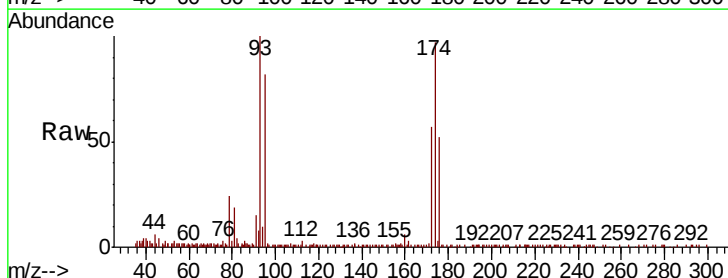
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#46
 Dibromomethane
 Concen: 5.580 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013598.D
 Acq: 26 Nov 2019 13:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.2	66.2	99.2
174	113.3	93.4	140.0





#47

Bromodichloromethane

Concen: 5.275 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

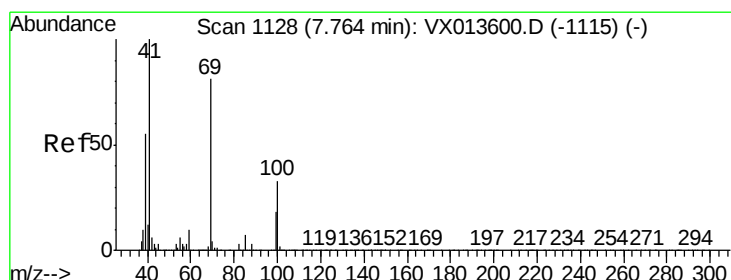
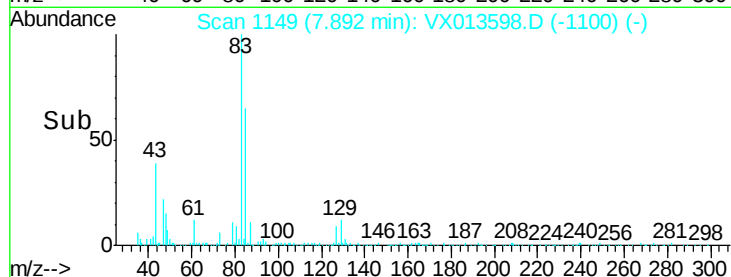
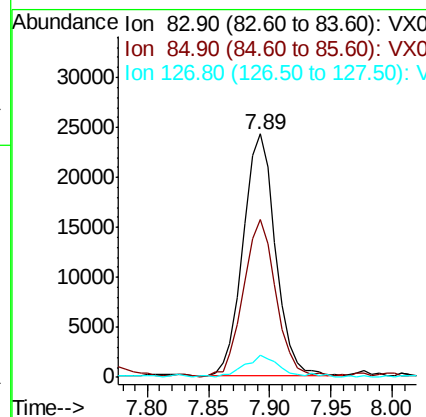
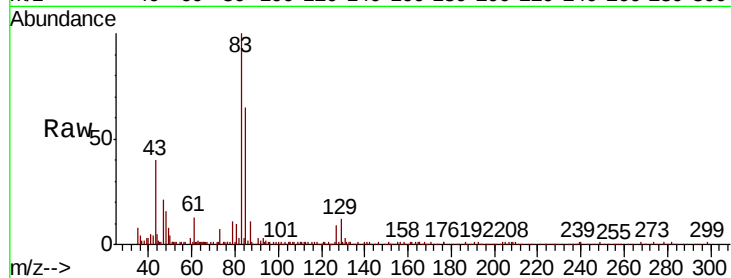
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	44358
Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.1	78.1
127	8.7	7.0	10.4

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#48

Methyl methacrylate

Concen: 5.408 ug/l

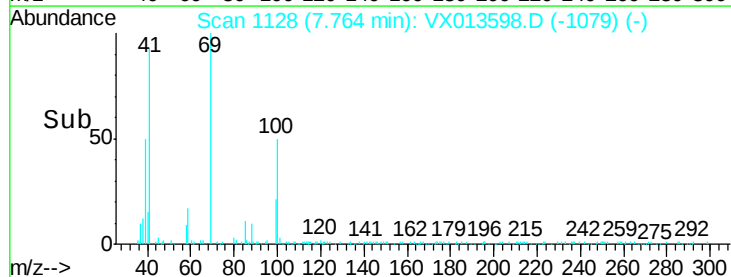
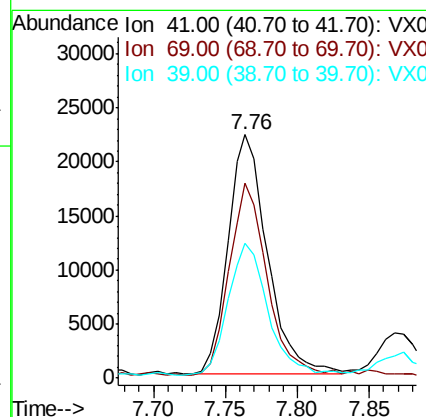
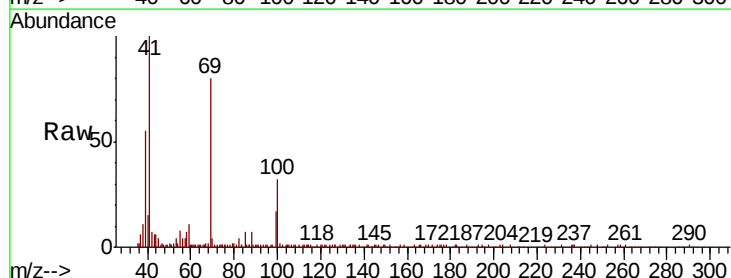
RT: 7.76 min Scan# 1128

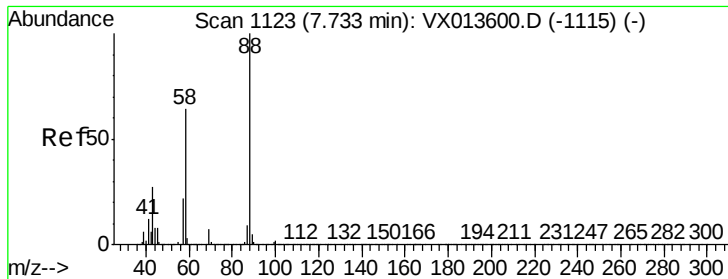
Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Tgt Ion:	41	Resp:	42512
Ion	Ratio	Lower	Upper
41	100		
69	78.4	64.7	97.1
39	57.1	43.8	65.6





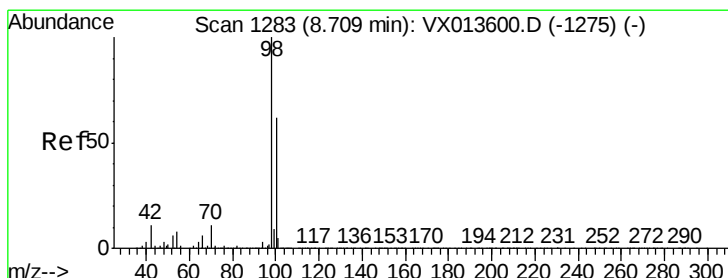
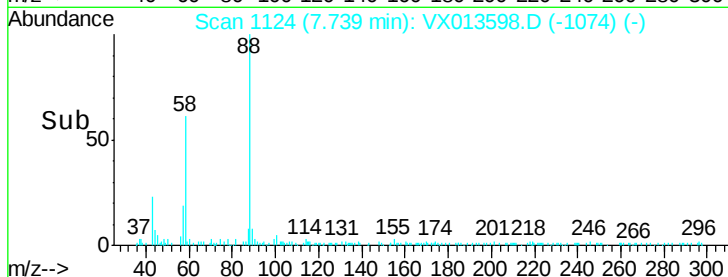
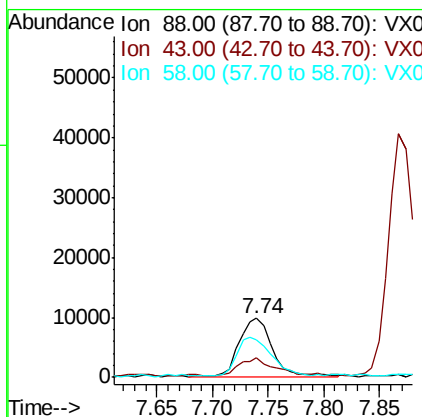
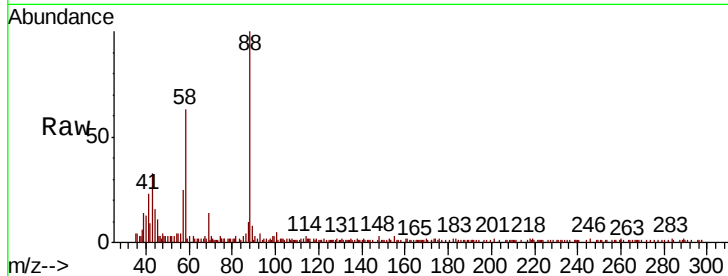
#49
1,4-Dioxane
Concen: 109.542 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.0	25.8	38.6
58	73.8	54.6	82.0

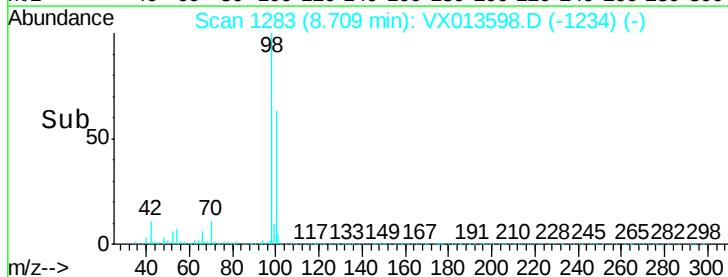
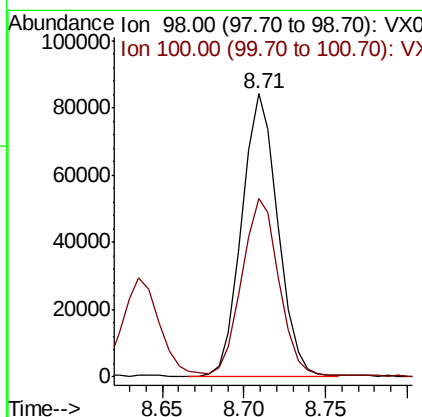
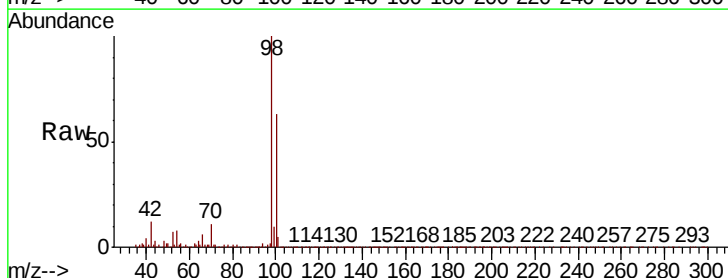
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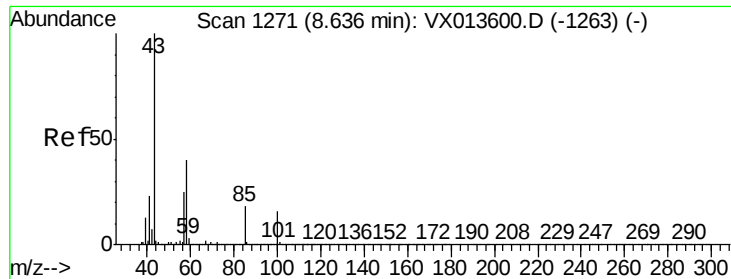
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#50
Toluene-d8
Concen: 5.723 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	53.1	79.7





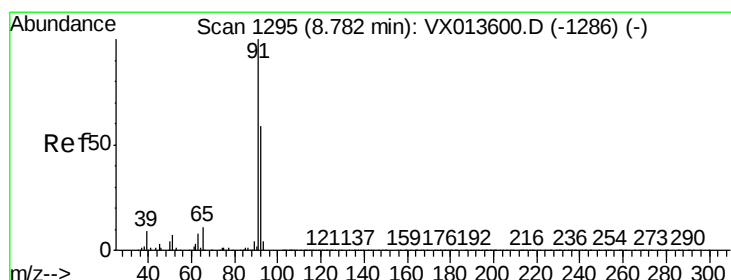
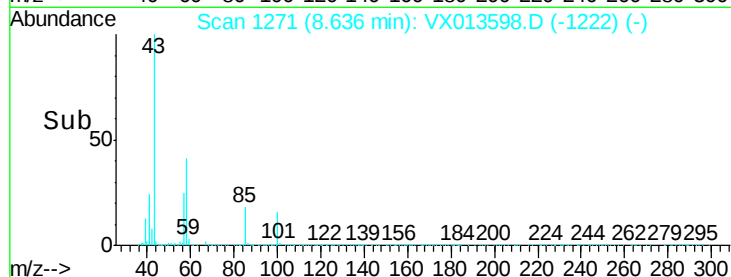
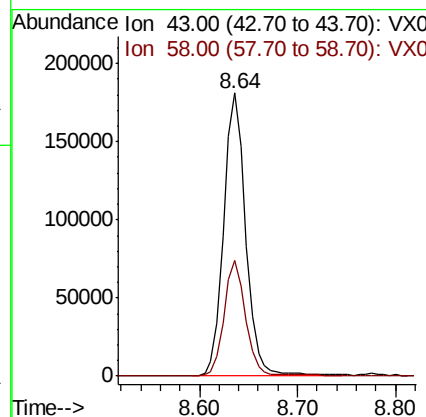
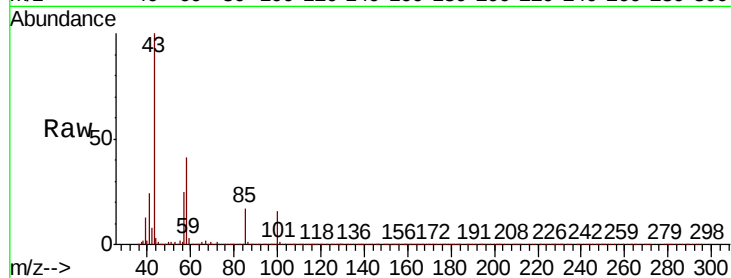
#51
4-Methyl-2-Pentanone
Concen: 27.683 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.9	32.1	48.1

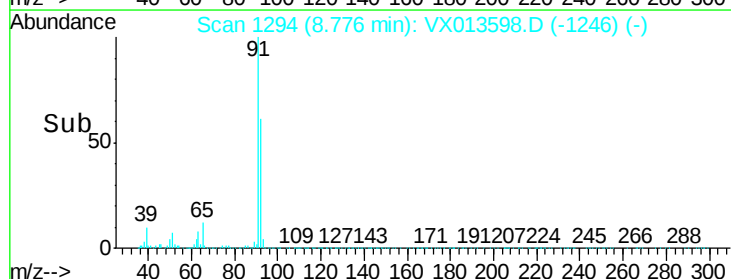
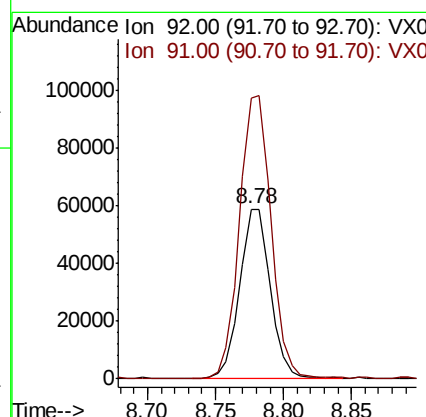
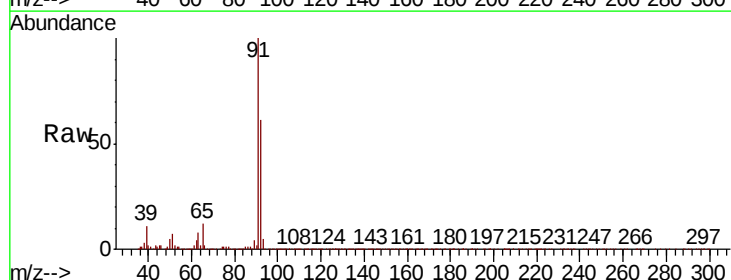
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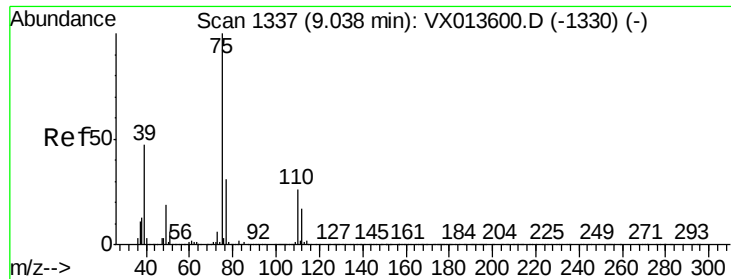
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#52
Toluene
Concen: 5.809 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.1	136.2	204.2





#53

t-1,3-Dichloropropene

Concen: 5.410 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 75 Resp: 49932

Ion Ratio Lower Upper

75 100

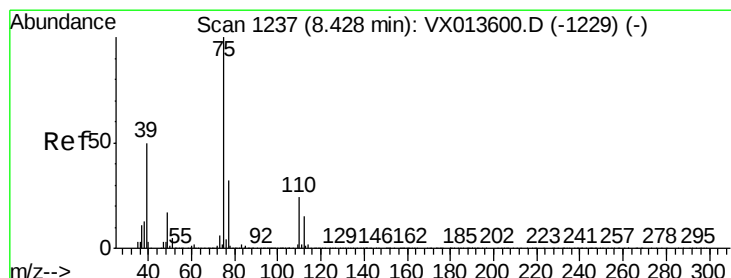
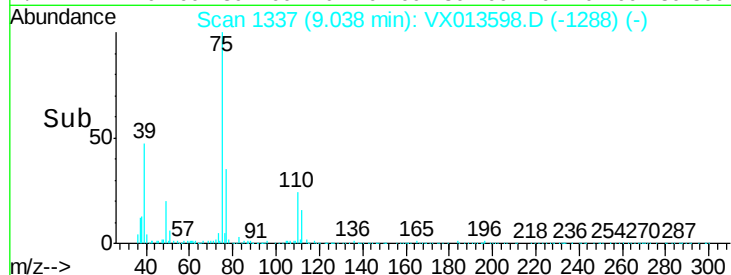
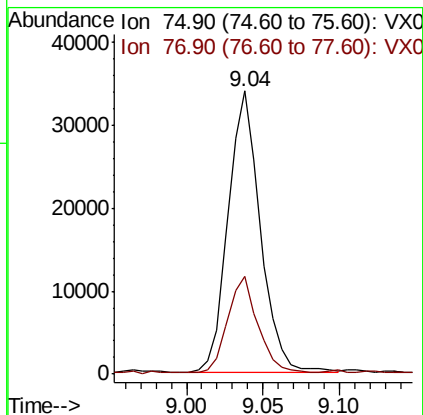
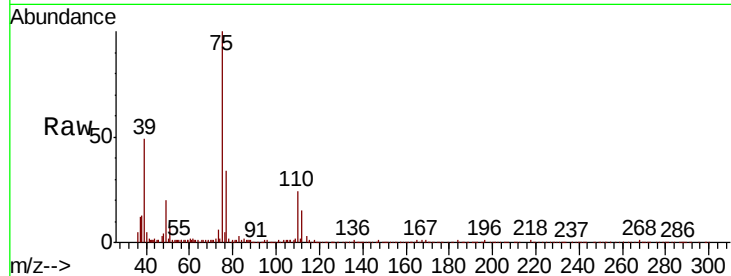
77 33.9 24.4 36.6

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#54

cis-1,3-Dichloropropene

Concen: 5.331 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

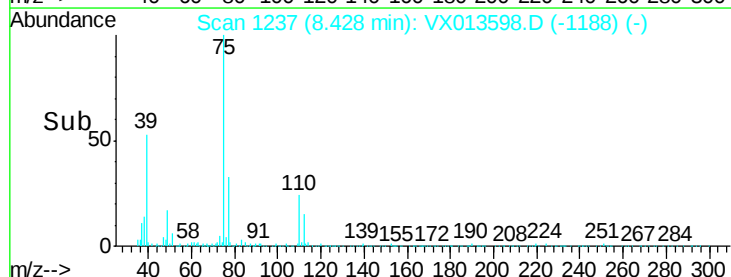
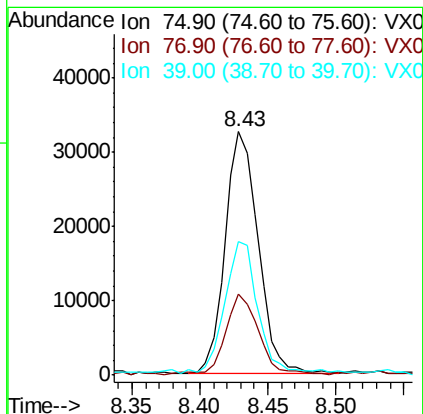
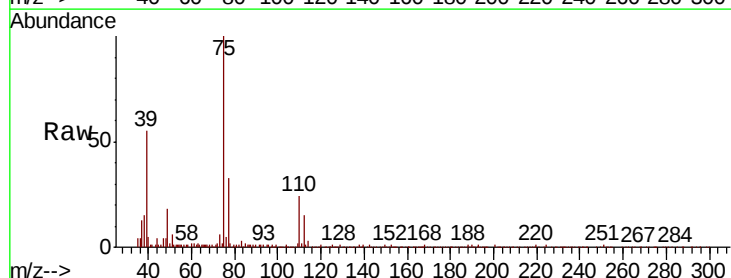
Tgt Ion: 75 Resp: 55141

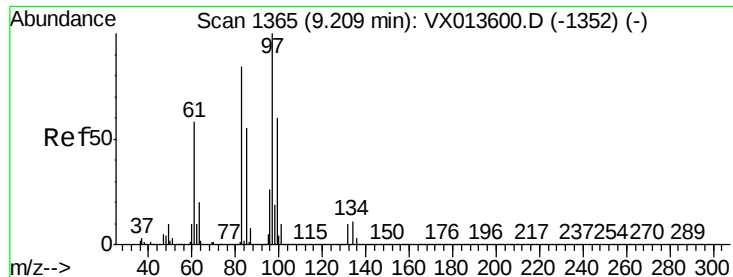
Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.6

39 53.4 39.9 59.9





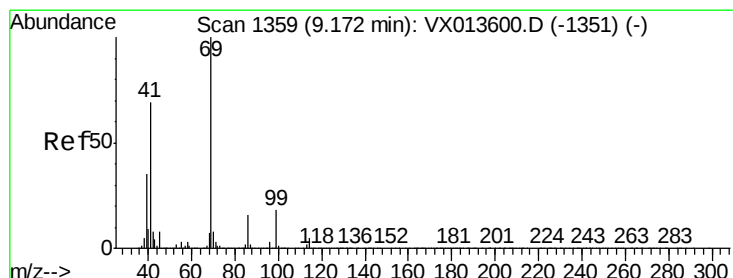
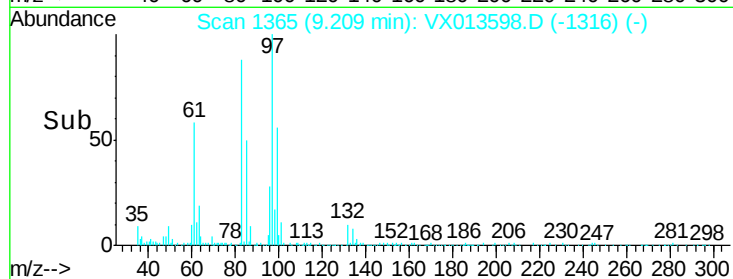
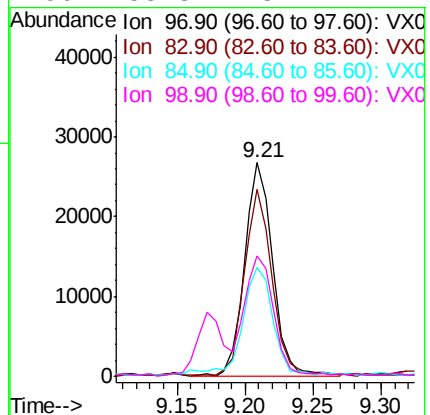
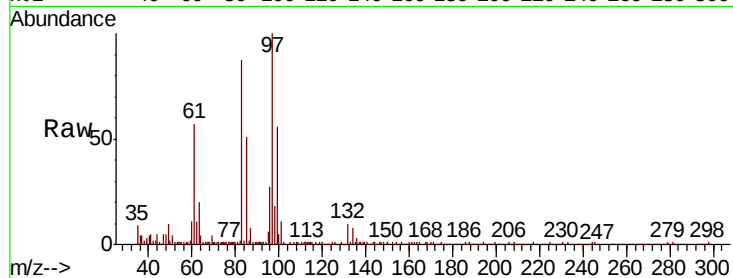
#55
 1,1,2-Trichloroethane
 Concen: 5.799 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013598.D
 Acq: 26 Nov 2019 13:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	38210
Ion	Ratio	Lower	Upper
97	100		
83	87.1	67.3	100.9
85	49.5	43.6	65.4
99	55.3	48.2	72.4

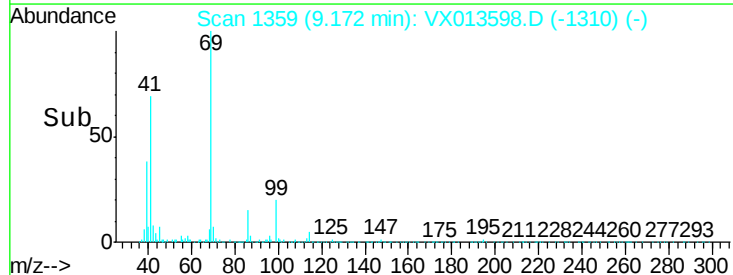
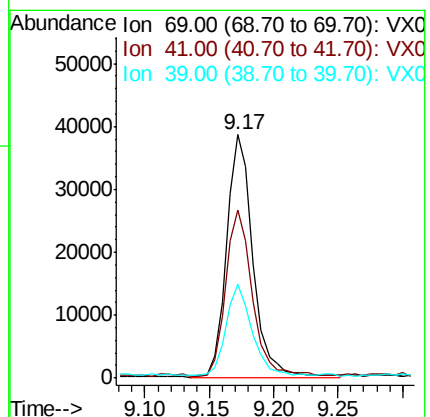
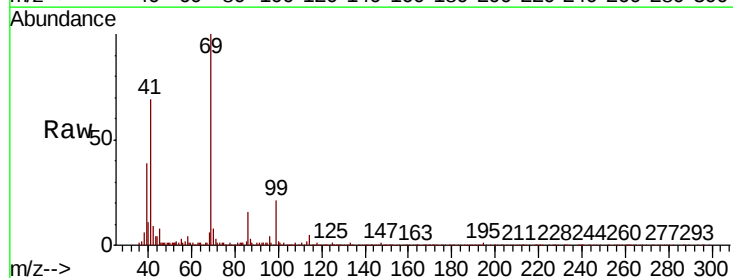
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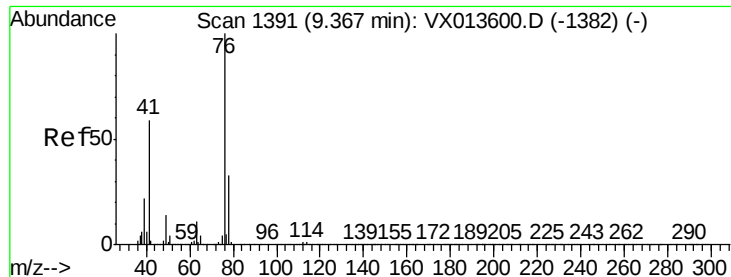
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#56
 Ethyl methacrylate
 Concen: 5.429 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013598.D
 Acq: 26 Nov 2019 13:55

Tgt Ion:	69	Resp:	55370
Ion	Ratio	Lower	Upper
69	100		
41	69.8	55.0	82.4
39	39.5	28.7	43.1





#57

1,3-Dichloropropane

Concen: 5.701 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 63779

Ion Ratio Lower Upper

76 100

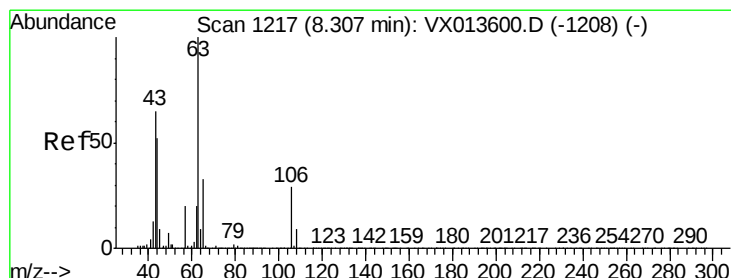
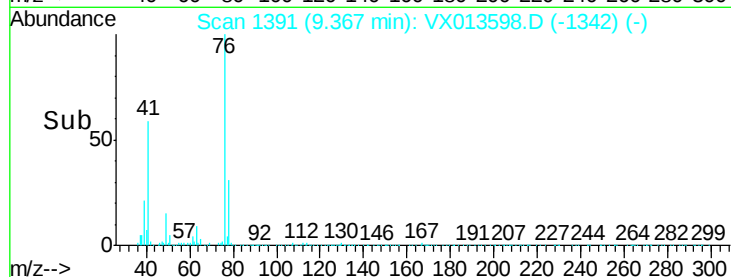
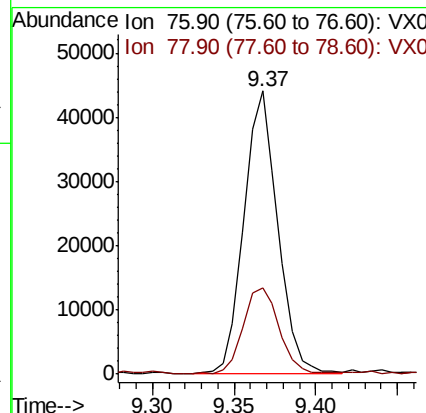
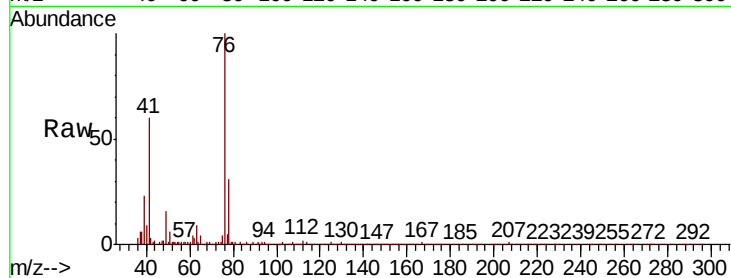
78 33.2 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 28.510 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013598.D

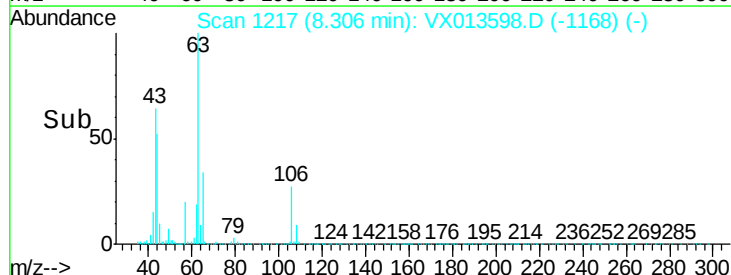
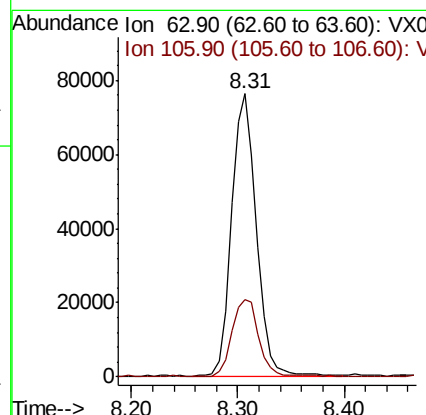
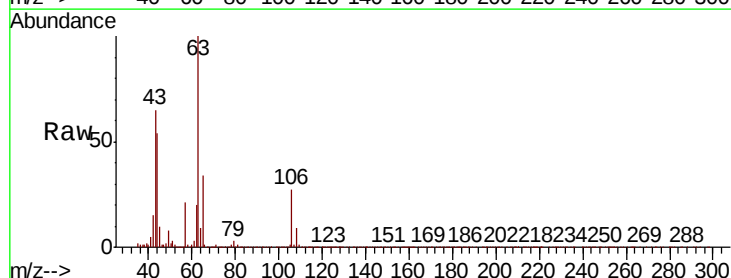
Acq: 26 Nov 2019 13:55

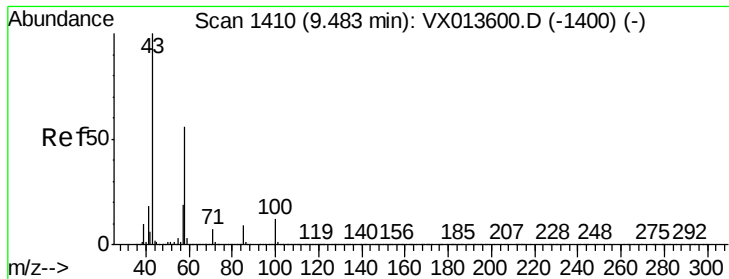
Tgt Ion: 63 Resp: 125673

Ion Ratio Lower Upper

63 100

106 29.3 23.4 35.0





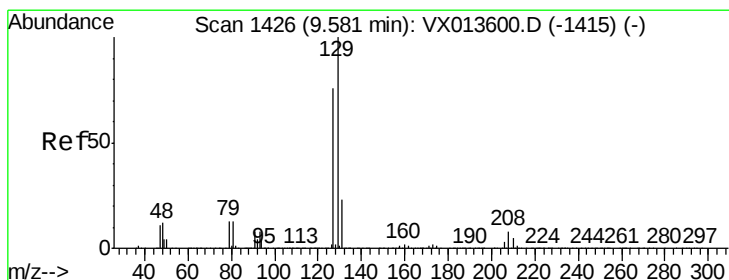
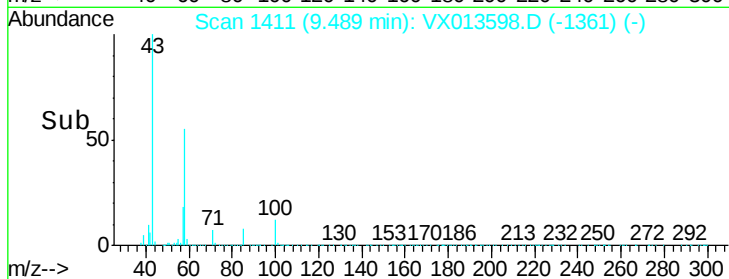
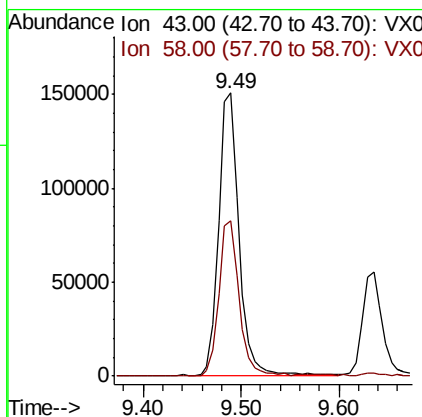
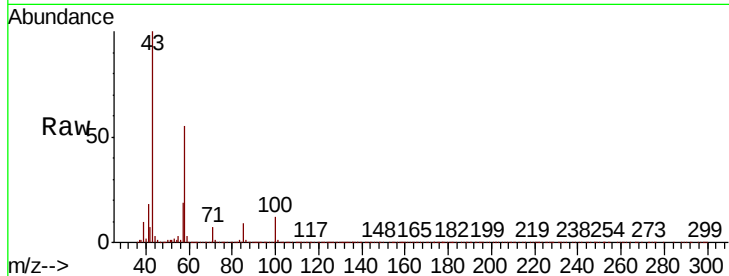
#59
2-Hexanone
Concen: 27.310 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 217472
Ion Ratio Lower Upper
43 100
58 54.5 28.1 84.4

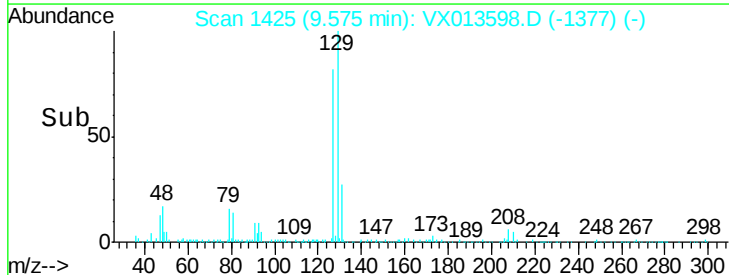
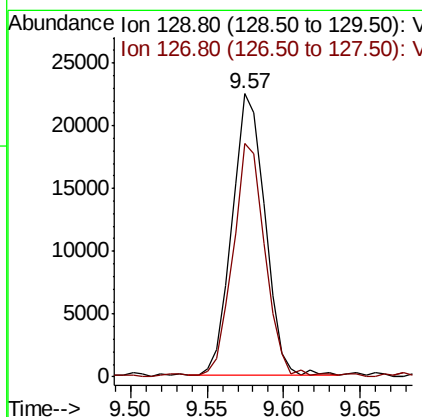
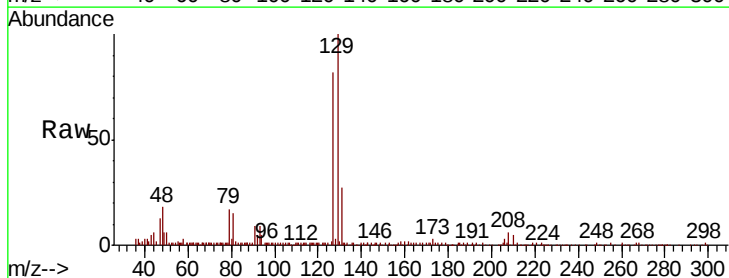
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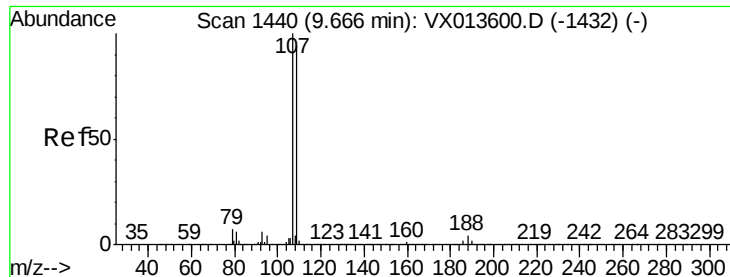
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#60
Dibromochloromethane
Concen: 4.945 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Tgt Ion: 129 Resp: 33340
Ion Ratio Lower Upper
129 100
127 79.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 5.562 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 107 Resp: 38812

Ion Ratio Lower Upper

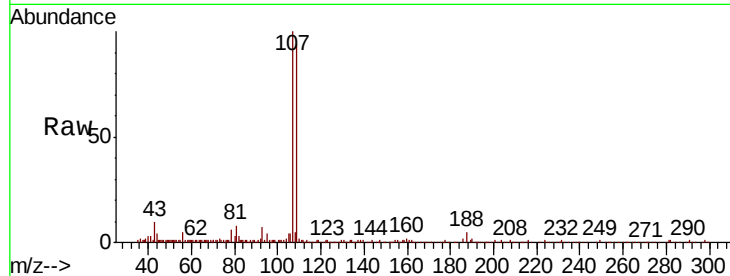
107 100

109 95.4 76.1 114.1

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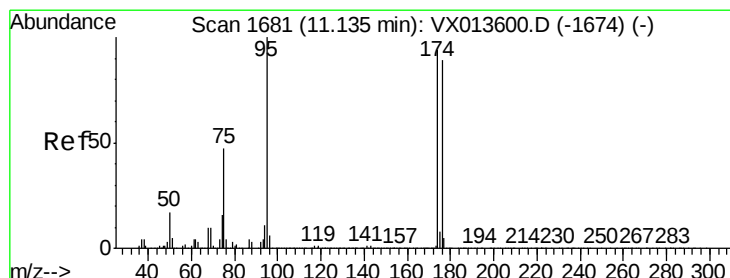
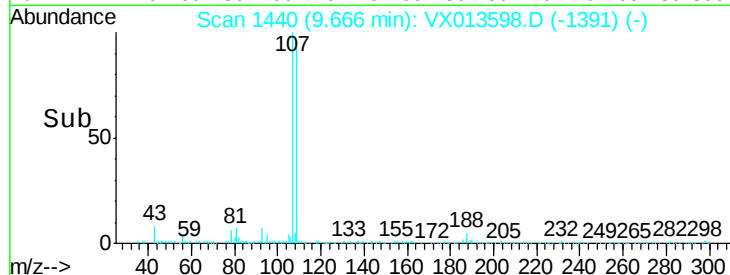
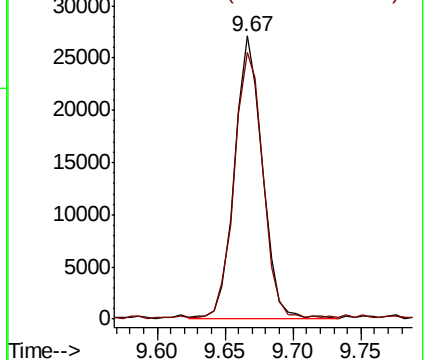
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 5.411 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

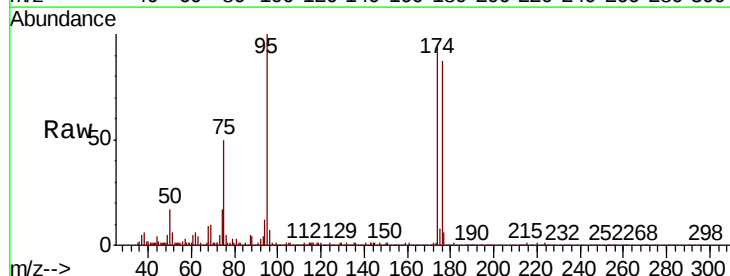
Tgt Ion: 95 Resp: 44265

Ion Ratio Lower Upper

95 100

174 90.2 0.0 180.0

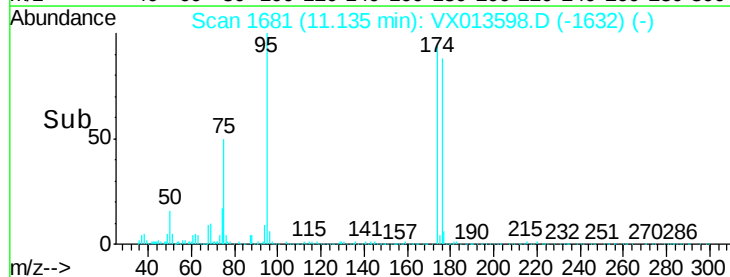
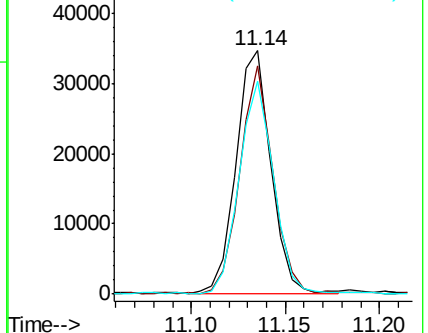
176 87.3 0.0 173.6

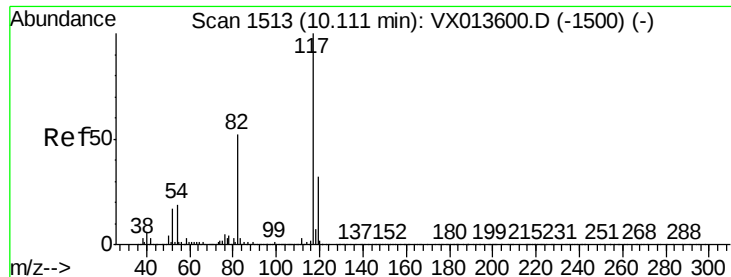


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





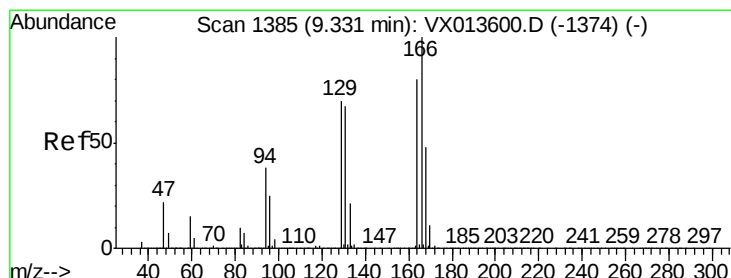
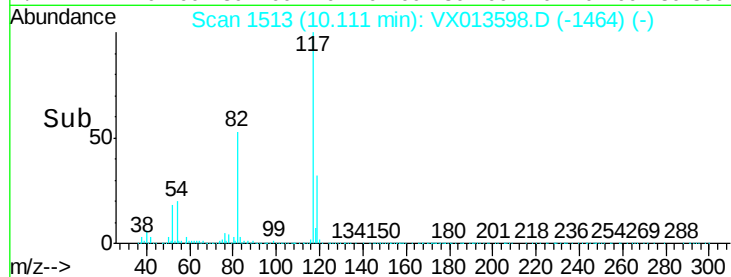
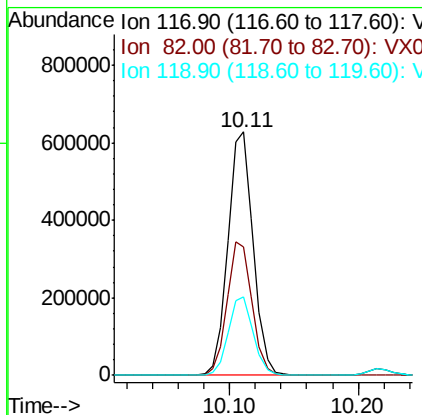
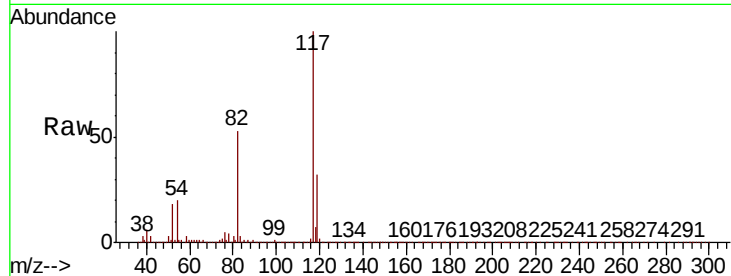
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	41.8	62.8
119	32.4	25.8	38.8

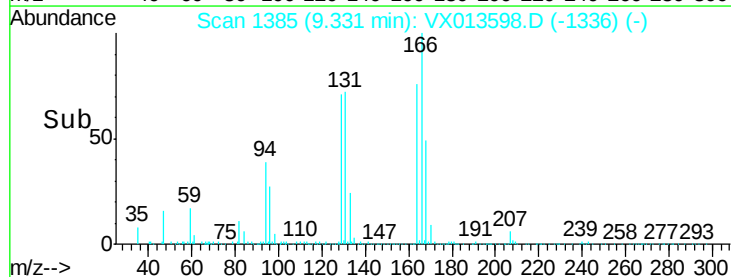
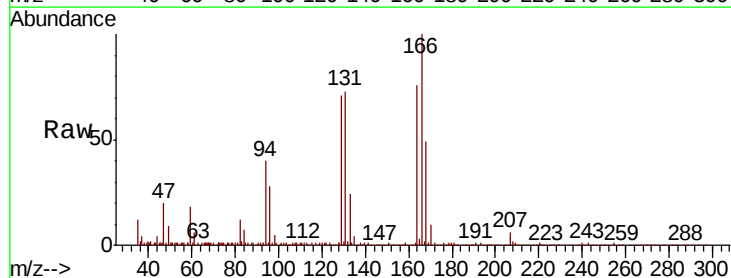
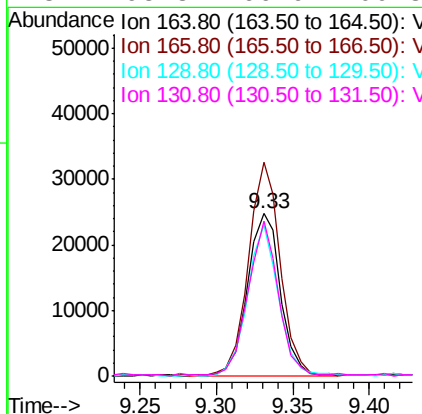
Manual Integrations
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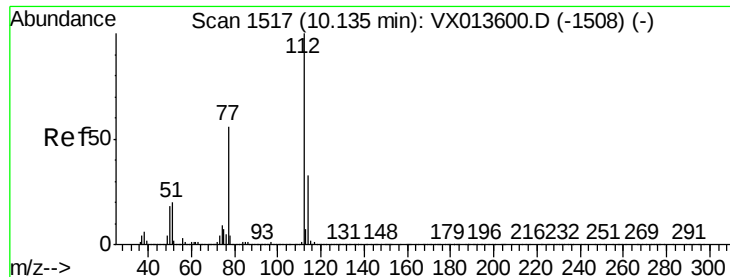
apatel
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#64
Tetrachloroethene
Concen: 5.954 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.6	99.7	149.5
129	92.7	70.1	105.1
131	95.3	66.9	100.3





#65

Chlorobenzene

Concen: 5.837 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:112 Resp: 101577

Ion Ratio Lower Upper

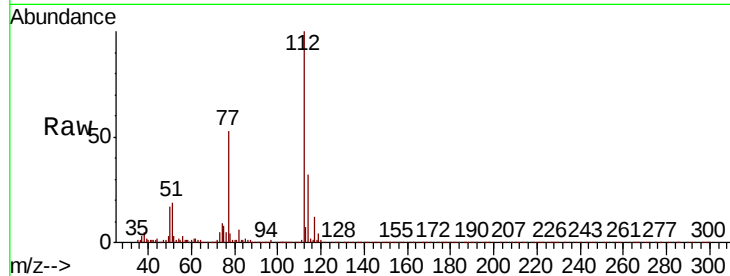
112 100

114 31.5 26.1 39.1

Manual Integrations
APPROVED

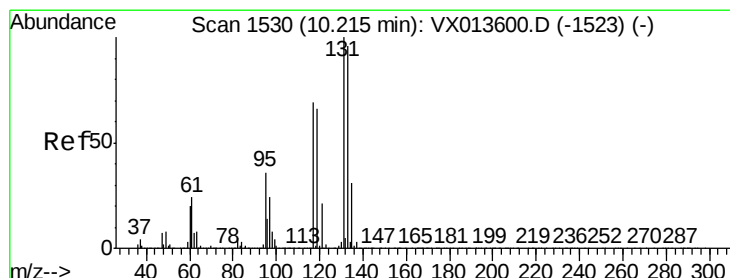
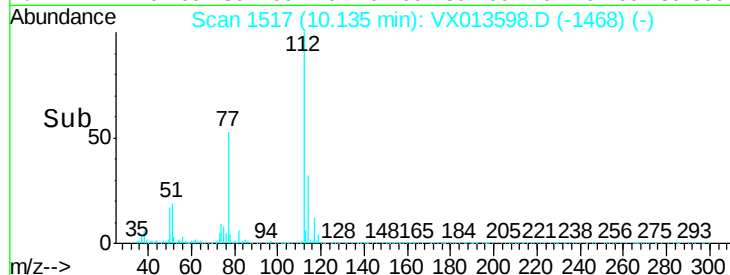
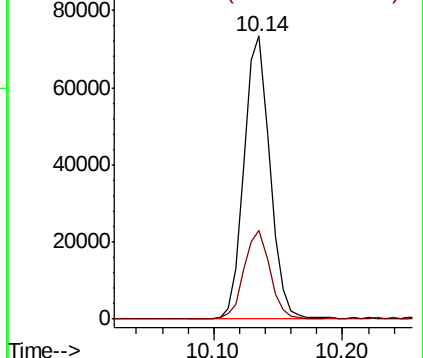
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 5.511 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

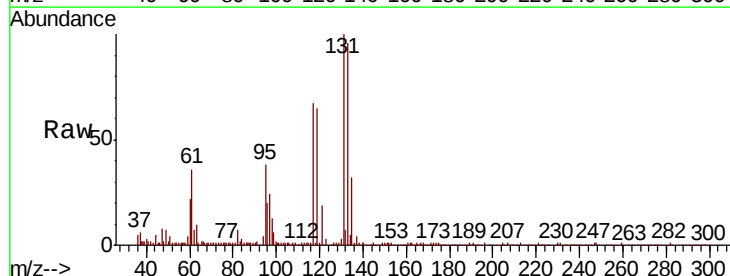
Tgt Ion:131 Resp: 35142

Ion Ratio Lower Upper

131 100

133 97.6 47.7 143.1

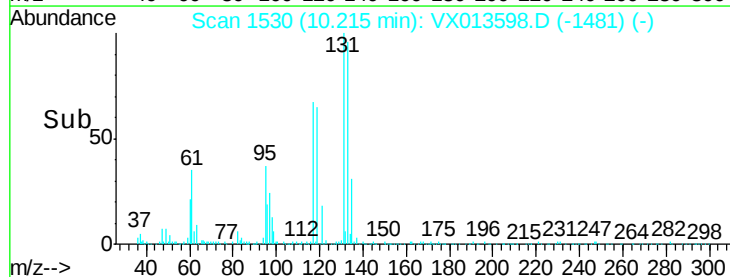
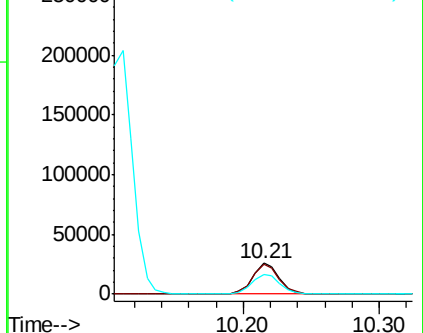
119 65.4 32.9 98.6

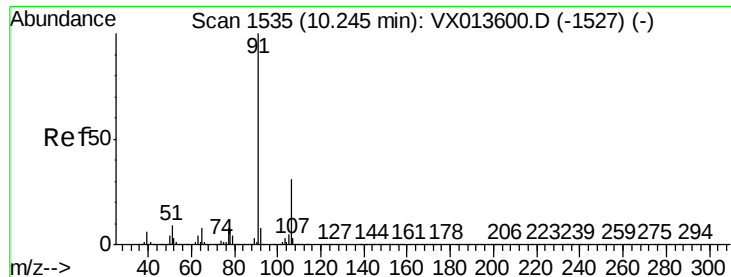


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 5.614 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 168804

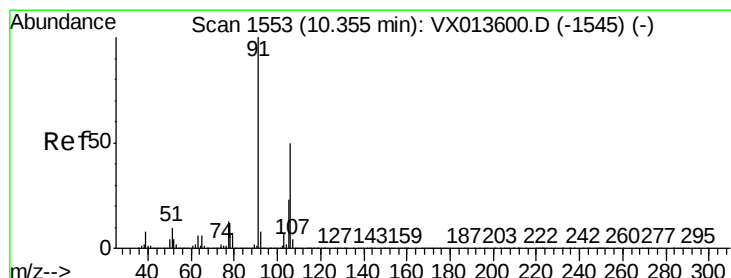
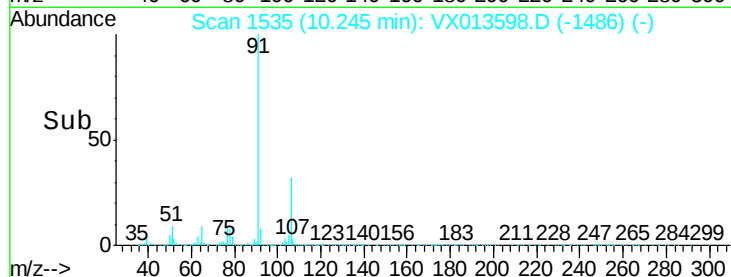
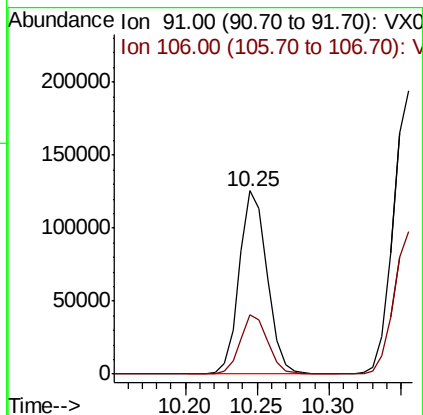
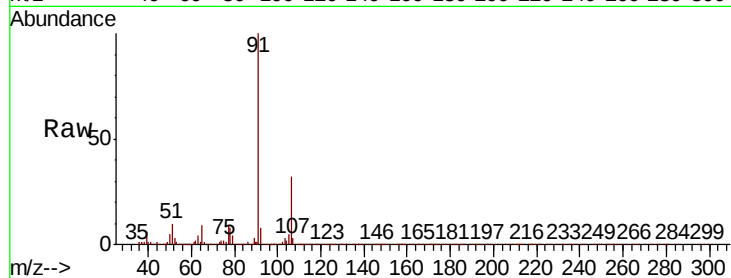
Ion Ratio Lower Upper

91 100

106 32.4 24.5 36.7

Manual Integrations
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#68

m/p-Xylenes

Concen: 11.407 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013598.D

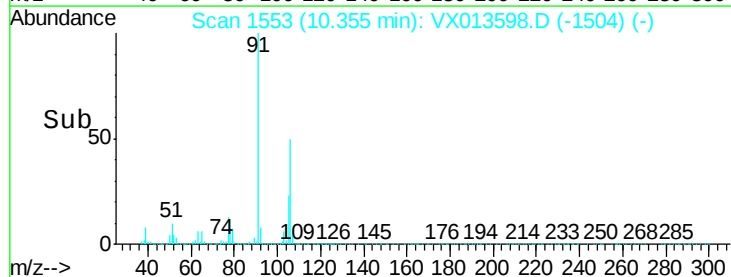
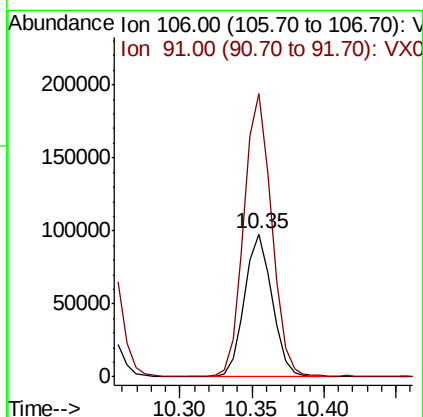
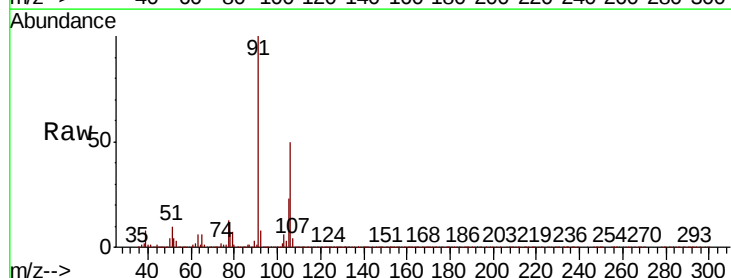
Acq: 26 Nov 2019 13:55

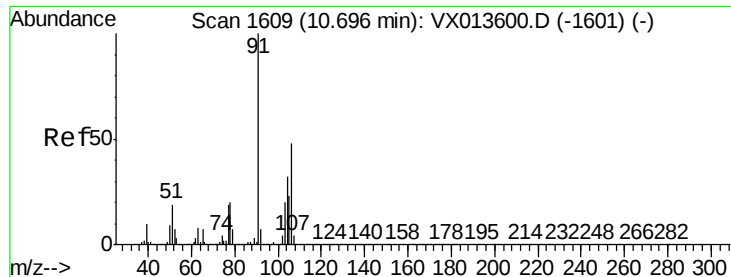
Tgt Ion: 106 Resp: 129384

Ion Ratio Lower Upper

106 100

91 198.6 159.0 238.4





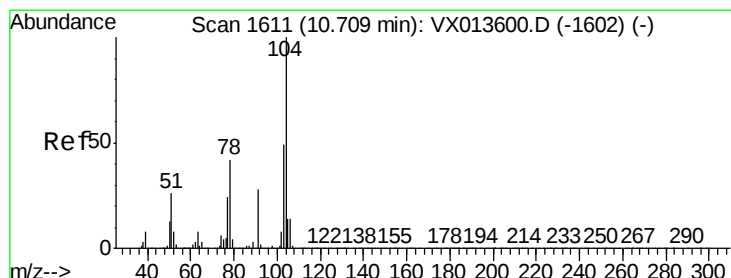
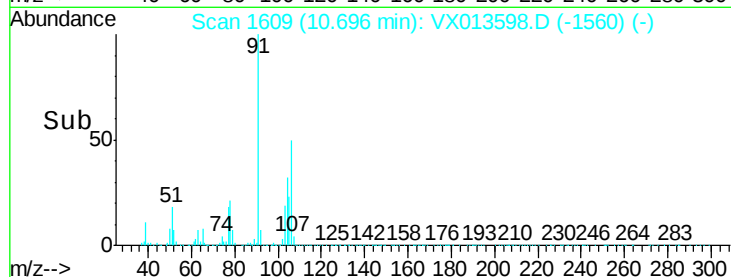
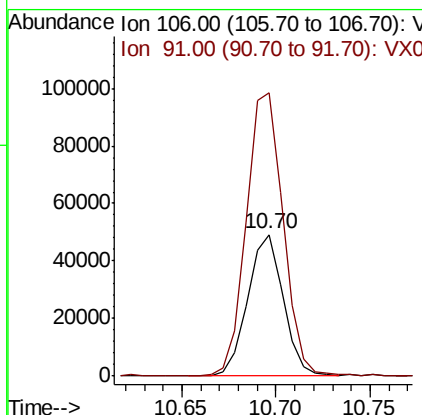
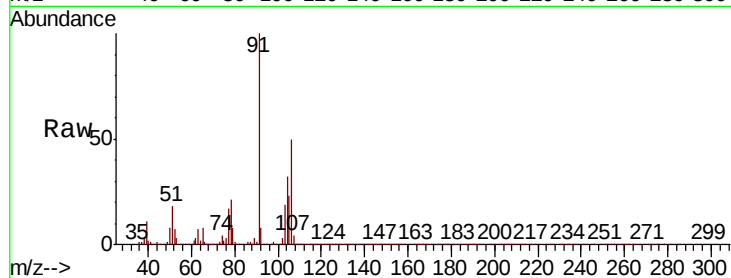
#69
o-Xylene
Concen: 5.709 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.0	104.1	312.2

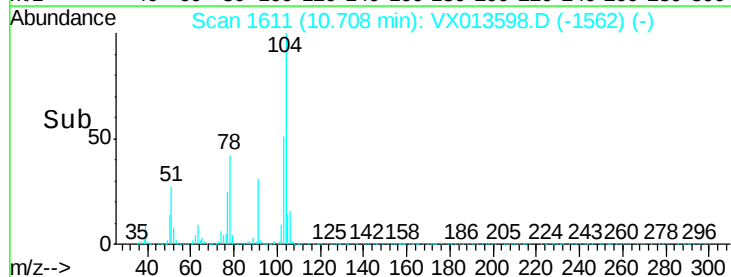
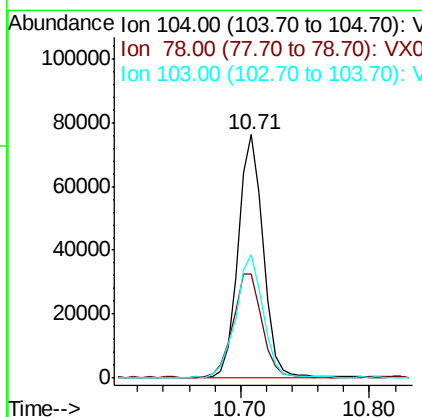
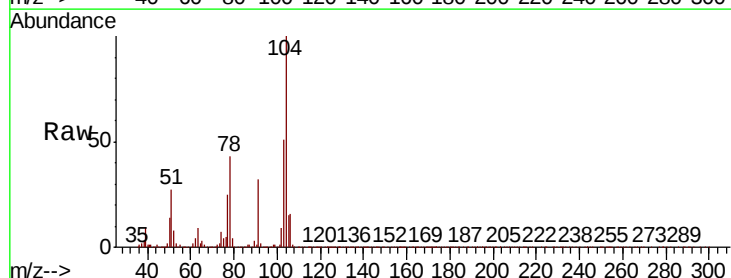
Manual Integrations
APPROVED

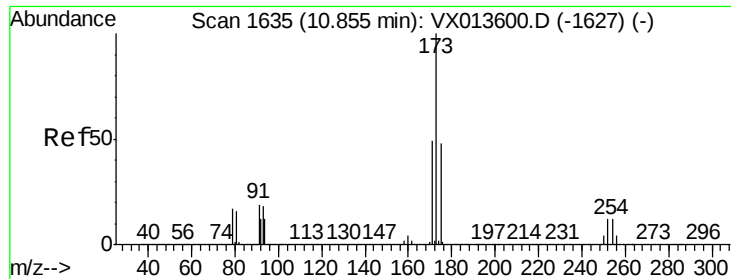
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#70
Styrene
Concen: 5.467 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.1	38.5	57.7
103	55.8	43.7	65.5





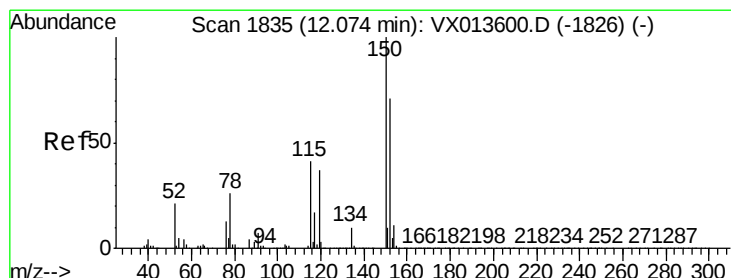
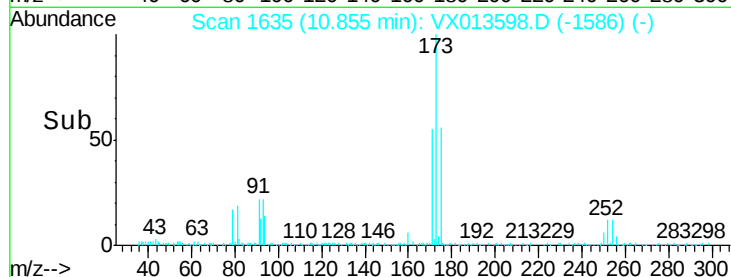
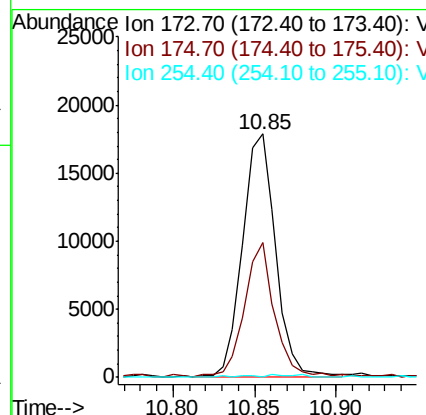
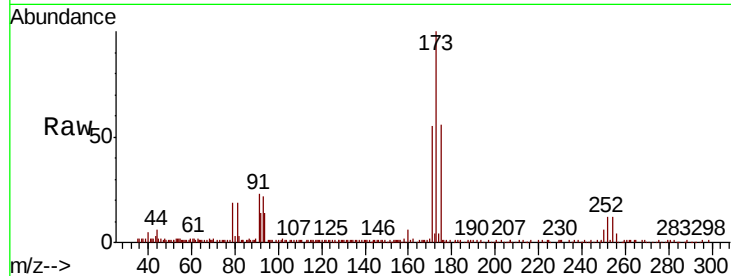
#71
Bromoform
Concen: 4.916 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.9	24.3	72.8
254	1.6	0.2	0.4

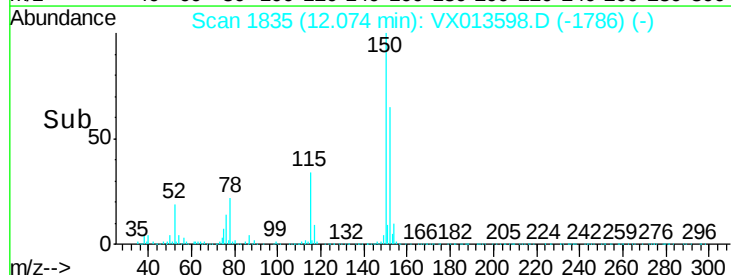
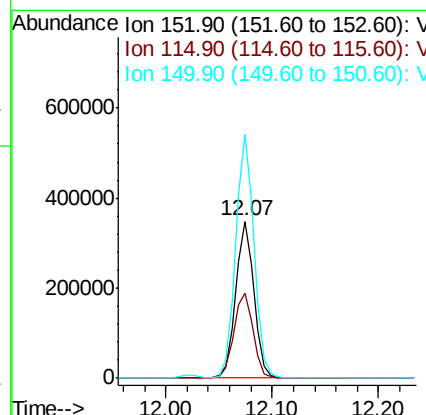
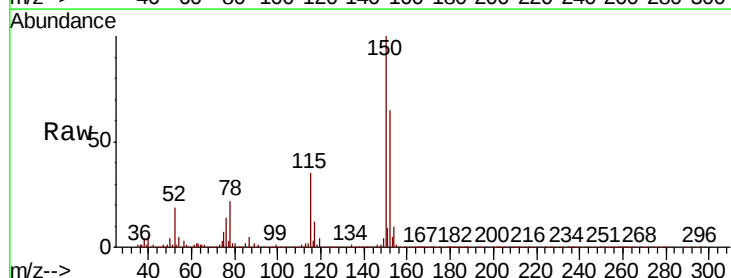
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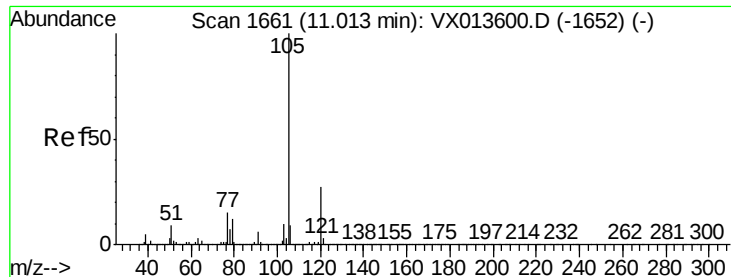
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.5	38.4	115.1
150	156.7	0.0	346.8





#73

Isopropylbenzene

Concen: 6.128 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 105 Resp: 169767

Ion Ratio Lower Upper

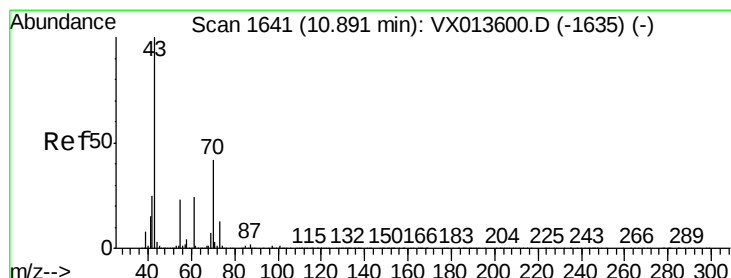
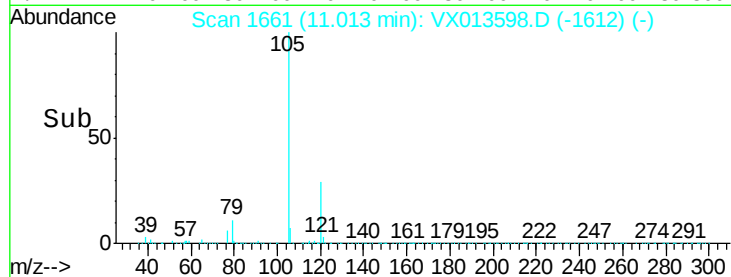
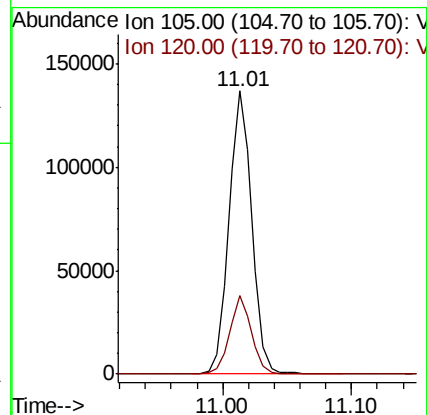
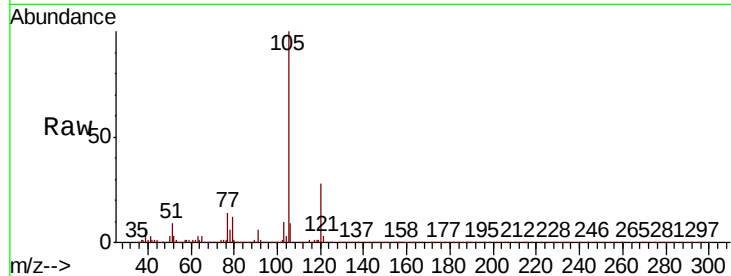
105 100

120 27.2 13.5 40.5

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#74

N-ethyl acetate

Concen: 5.825 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Tgt Ion: 43 Resp: 74458

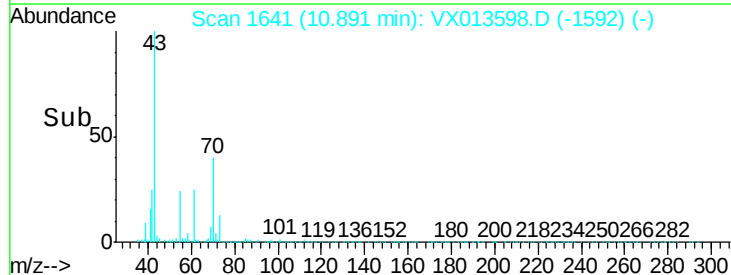
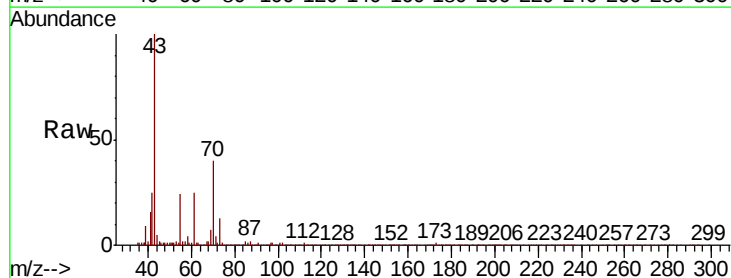
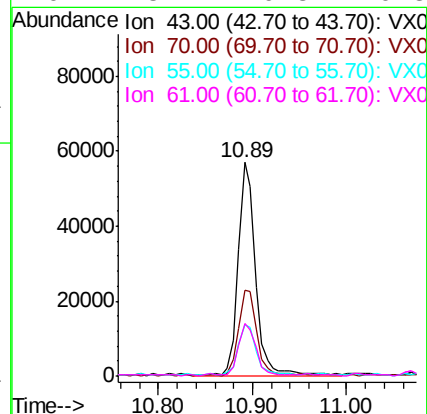
Ion Ratio Lower Upper

43 100

70 42.1 34.3 51.5

55 24.2 18.5 27.7

61 23.2 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 5.927 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

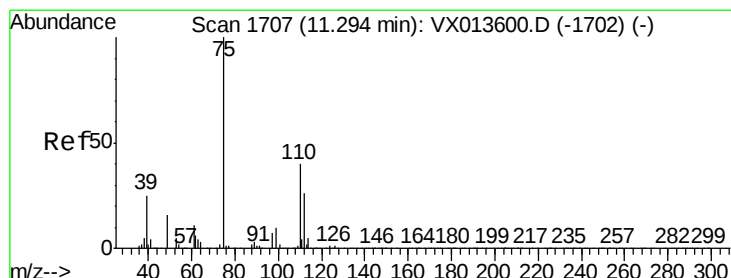
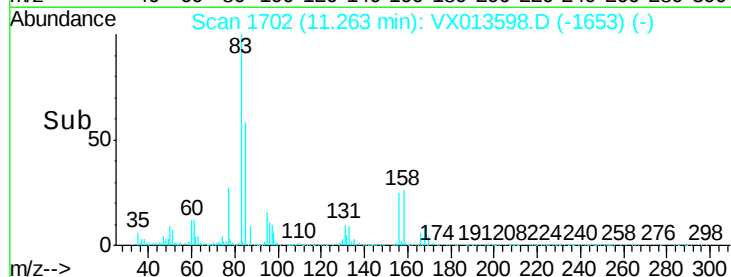
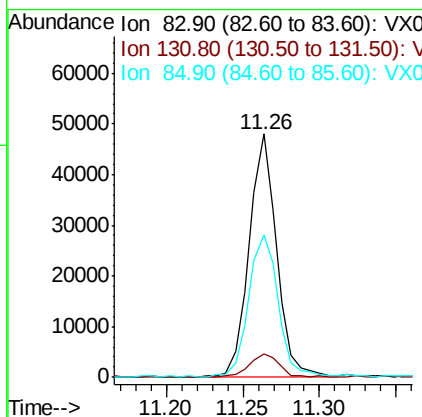
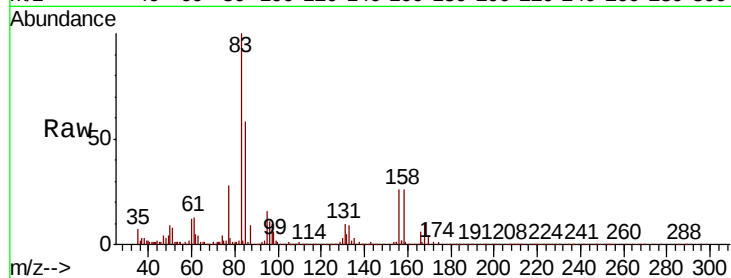
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	59569
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.3
85	63.4	31.8	95.3

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#76

1,2,3-Trichloropropane

Concen: 6.153 ug/l m

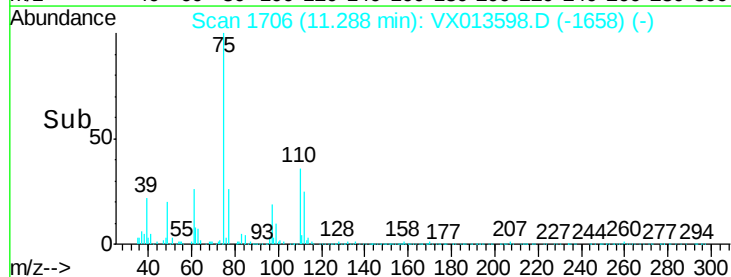
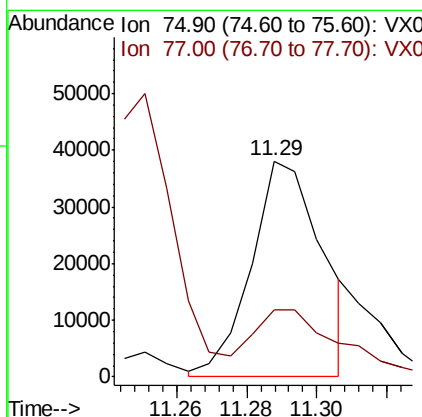
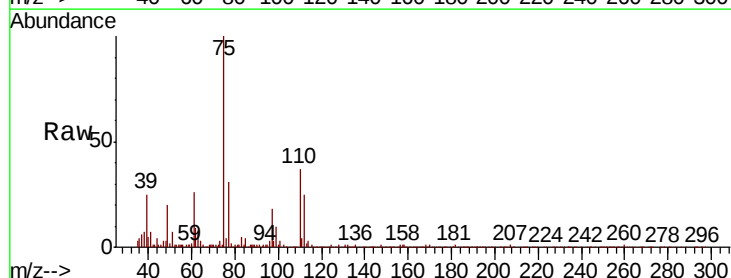
RT: 11.29 min Scan# 1706

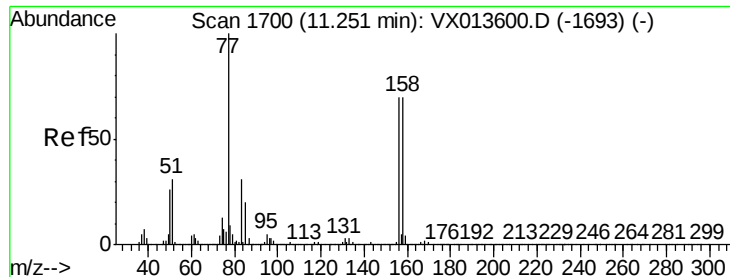
Delta R.T. -0.01 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Tgt Ion:	75	Resp:	53416
Ion Ratio	Lower	Upper	
75	100		
77	37.5	19.1	57.5





#77

Bromobenzene

Concen: 5.985 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

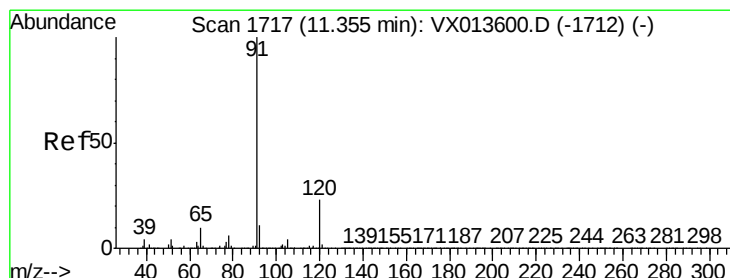
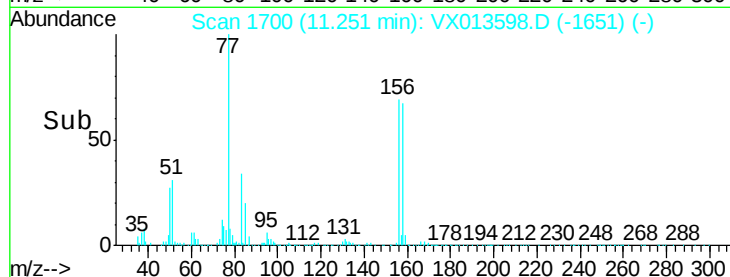
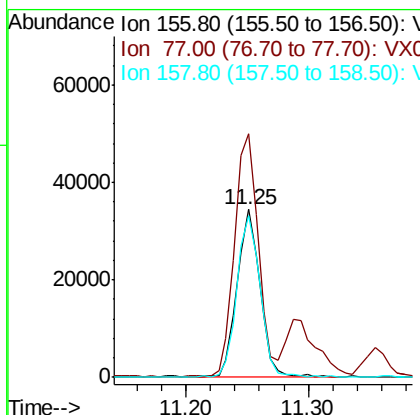
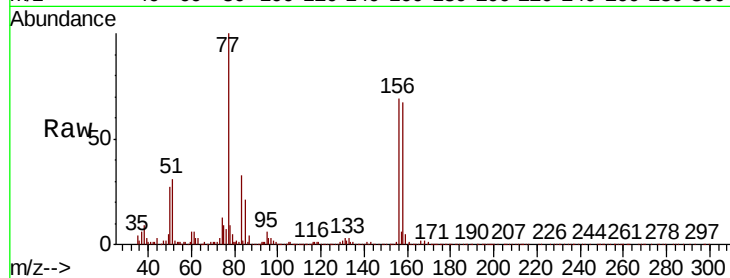
ClientSampleId :

VSTDIC005

Tot Ion:	156	Resp:	44202
Ion Ratio	Lower	Upper	
156	100		
77	153.0	74.4	223.1
158	98.8	48.9	146.6

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#78

n-propylbenzene

Concen: 5.984 ug/l

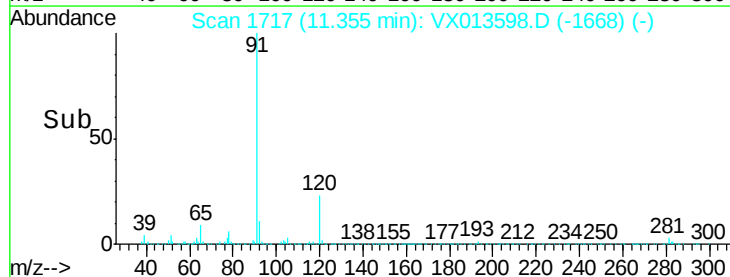
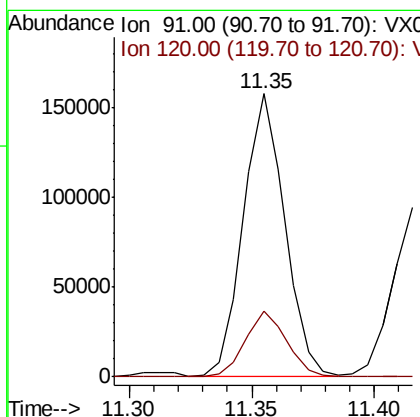
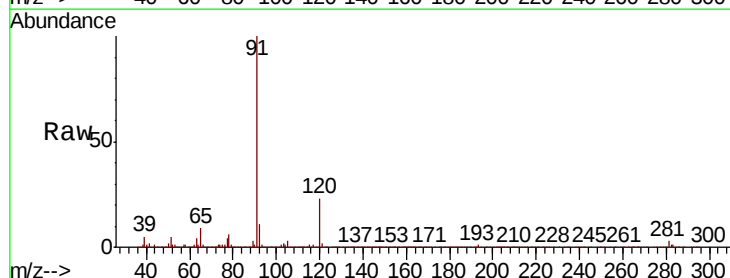
RT: 11.35 min Scan# 1717

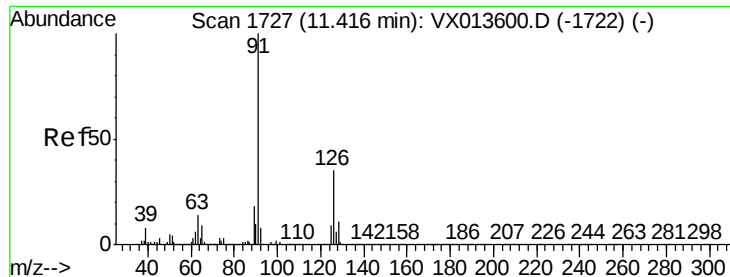
Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Tgt Ion:	91	Resp:	184282
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.8	35.3





#79

2-Chlorotoluene

Concen: 6.052 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 112268

Ion Ratio Lower Upper

91 100

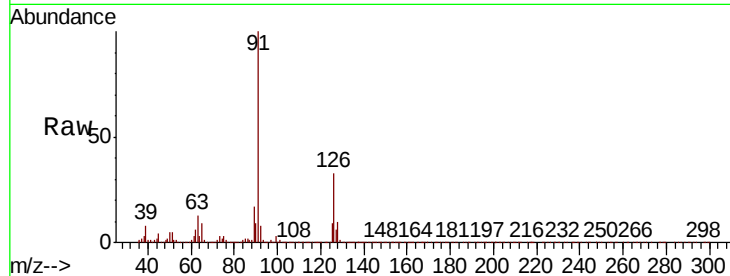
126 35.3 17.5 52.5

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Abundance Ion 91.00 (90.70 to 91.70): VX013600.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX013600.D (-1722) (-)

150000

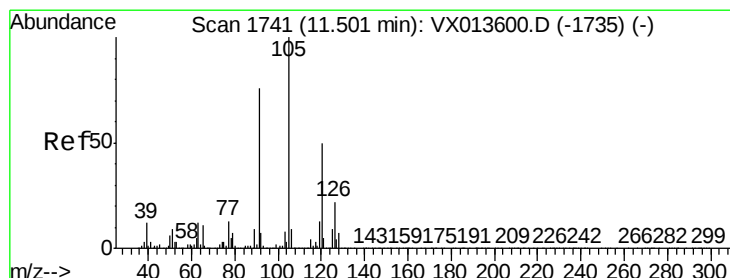
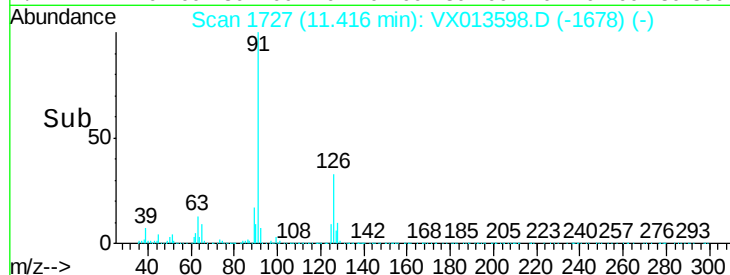
100000

50000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 5.875 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013598.D

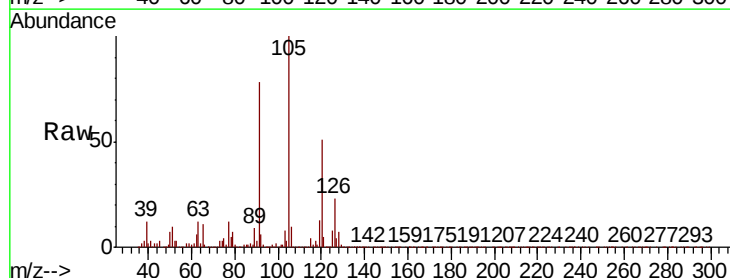
Acq: 26 Nov 2019 13:55

Tgt Ion: 105 Resp: 135135

Ion Ratio Lower Upper

105 100

120 51.3 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013600.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX013600.D (-1735) (-)

120000

100000

80000

60000

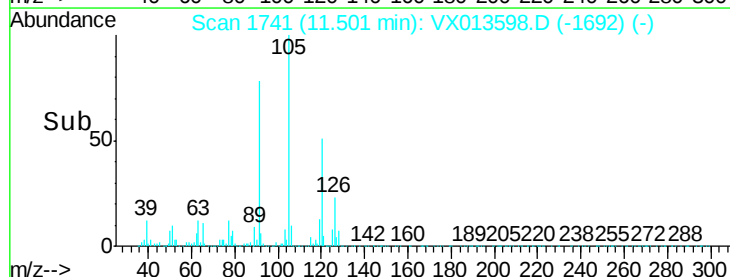
40000

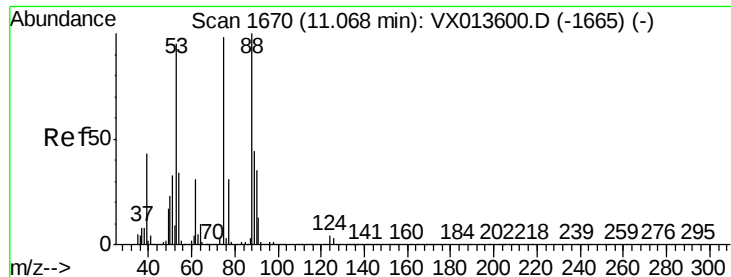
20000

0

11.45 11.50 11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 4.702 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

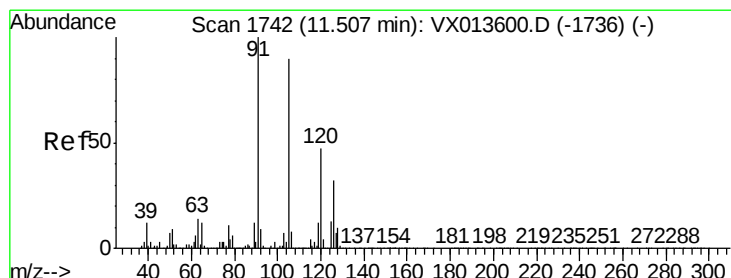
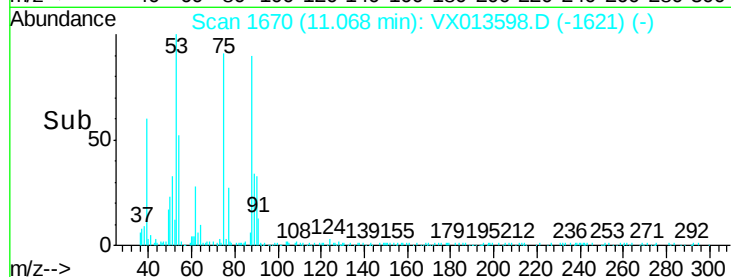
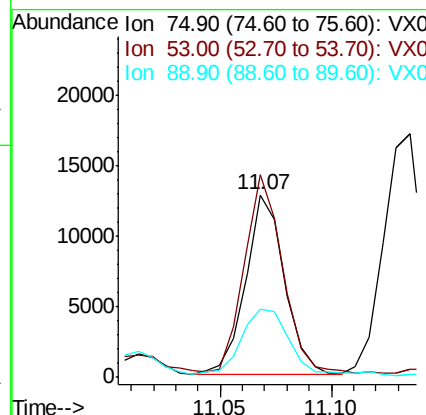
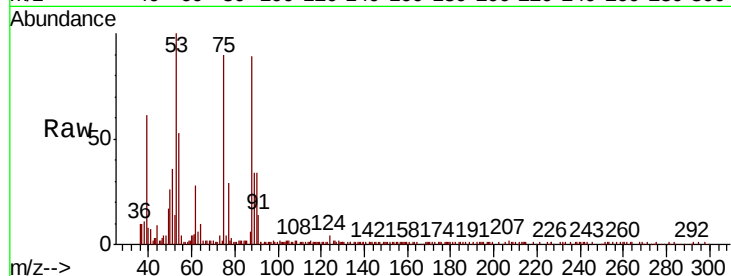
ClientSampleId :

VSTDIC005

Tot Ion:	75	Resp:	15461
Ion	Ratio	Lower	Upper
75	100		
53	107.7	78.2	117.2
89	46.2	35.4	53.2

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#82

4-Chlorotoluene

Concen: 5.804 ug/l

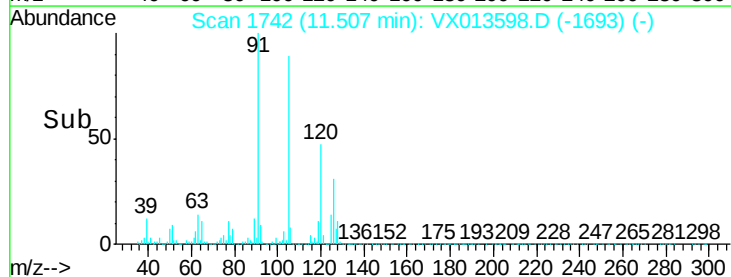
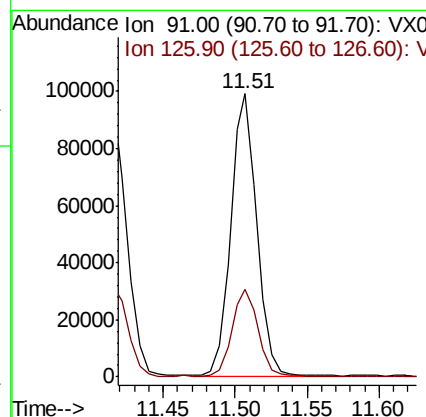
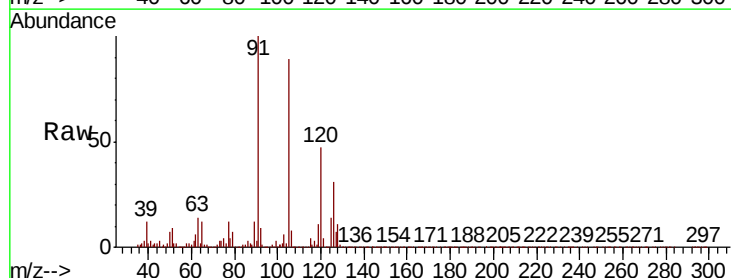
RT: 11.51 min Scan# 1742

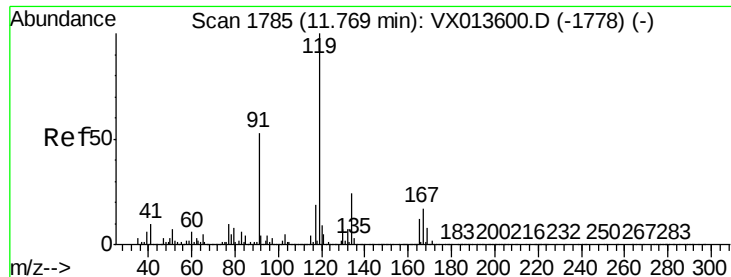
Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Tgt Ion:	91	Resp:	125909
Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.7	47.0





#83

tert-Butylbenzene

Concen: 5.905 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

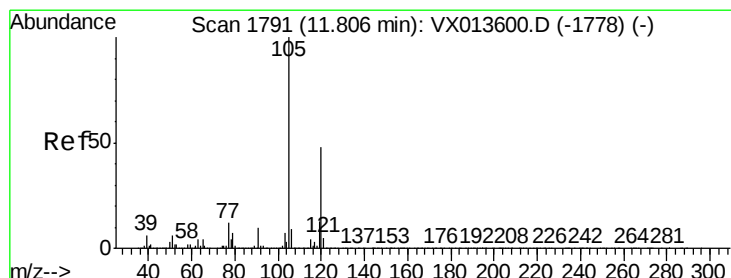
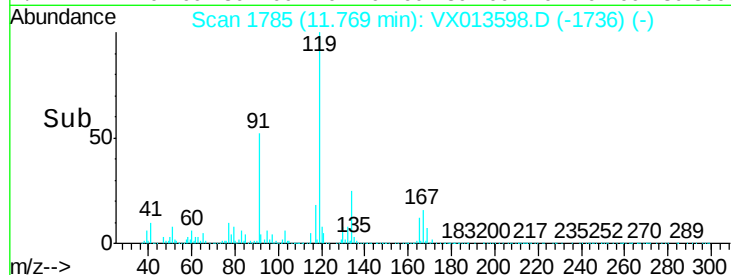
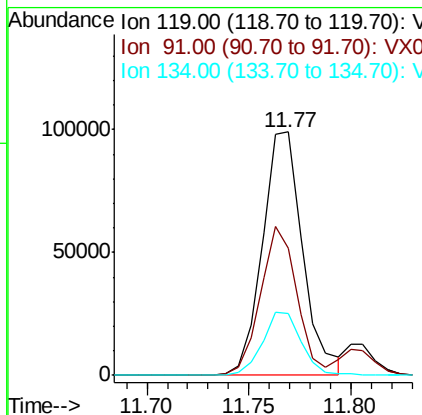
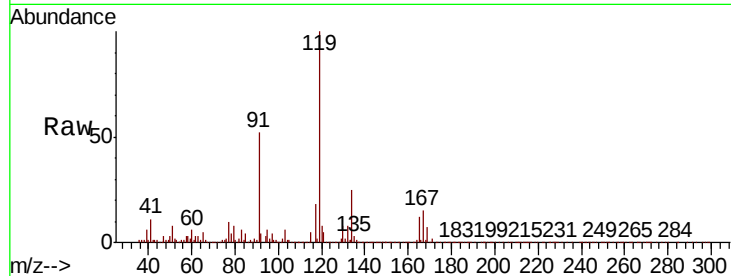
ClientSampled :

VSTDIC005

Tot Ion:	119	Resp:	136502
Ion Ratio	Lower	Upper	
119	100		
91	55.0	27.2	81.6
134	24.9	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 6.021 ug/l

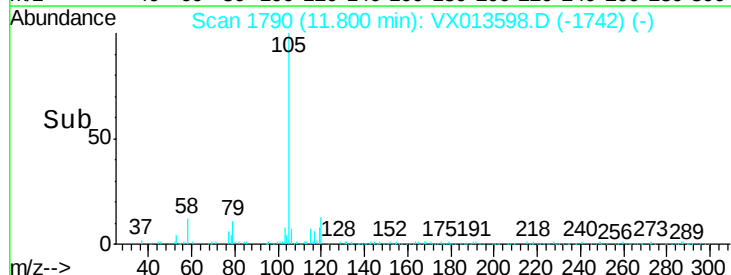
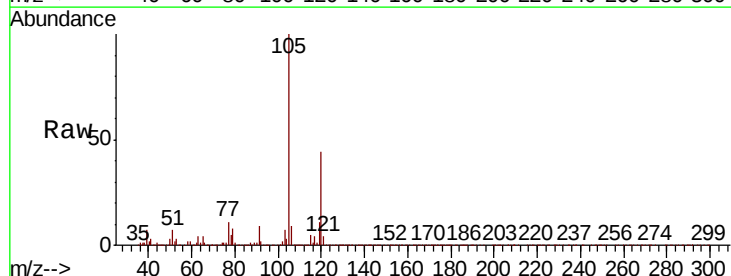
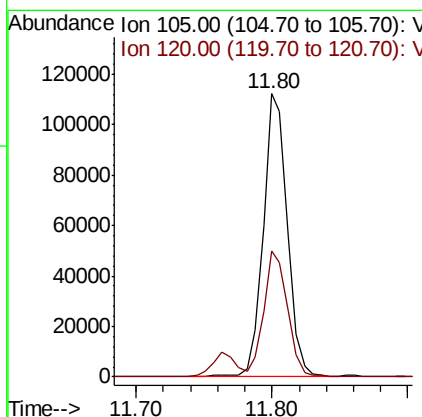
RT: 11.80 min Scan# 1790

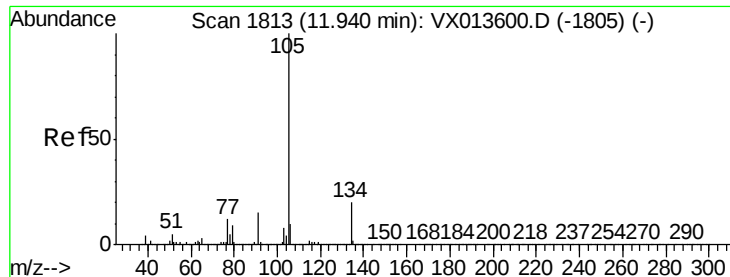
Delta R.T. -0.01 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Tgt Ion:	105	Resp:	138793
Ion Ratio	Lower	Upper	
105	100		
120	43.9	23.1	69.3





#85

sec-Butylbenzene

Concen: 5.740 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 152863

Ion Ratio Lower Upper

105 100

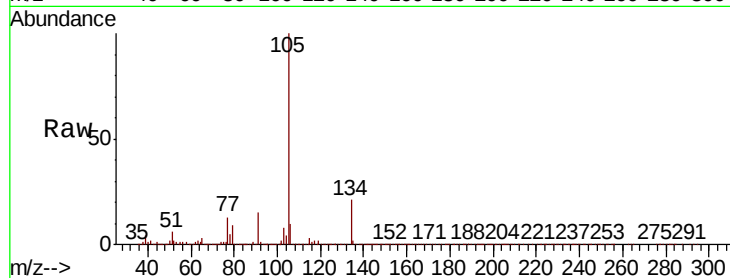
134 20.9 10.4 31.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

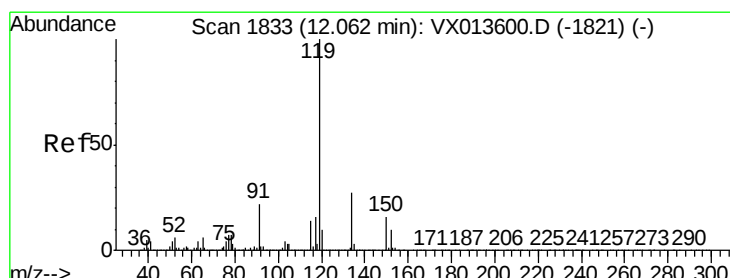
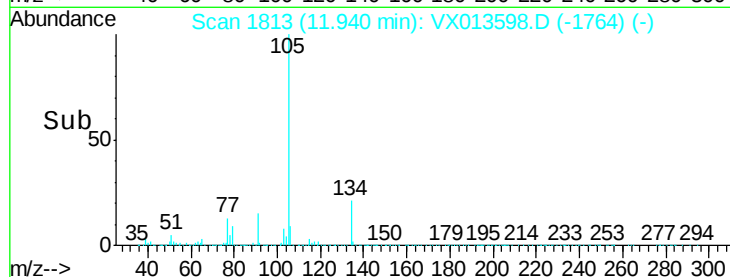
11.94

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 5.938 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

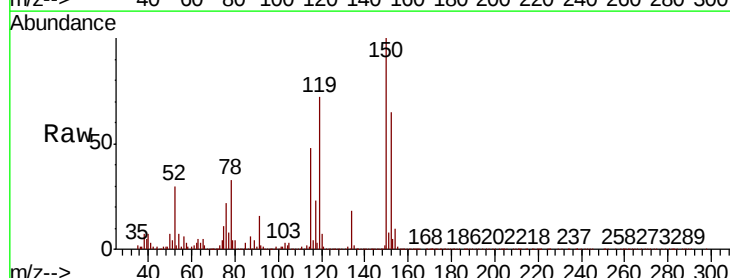
Tgt Ion:119 Resp: 145465

Ion Ratio Lower Upper

119 100

134 25.5 13.3 39.9

91 23.7 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

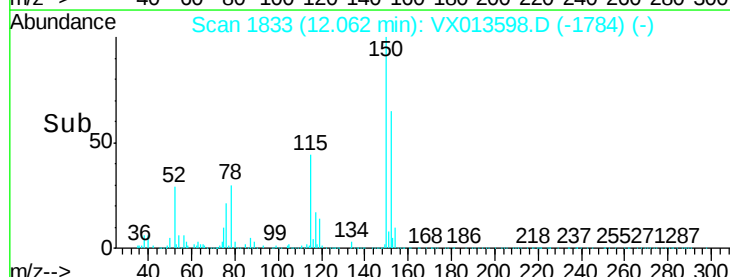
150000

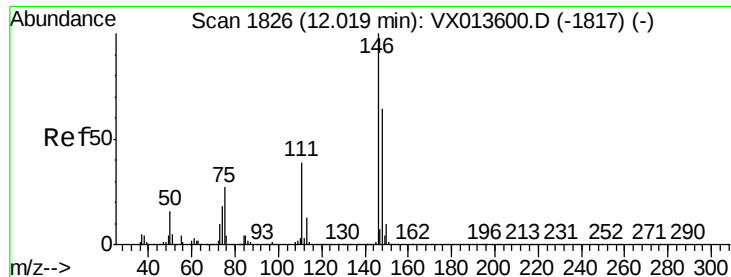
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 5.755 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

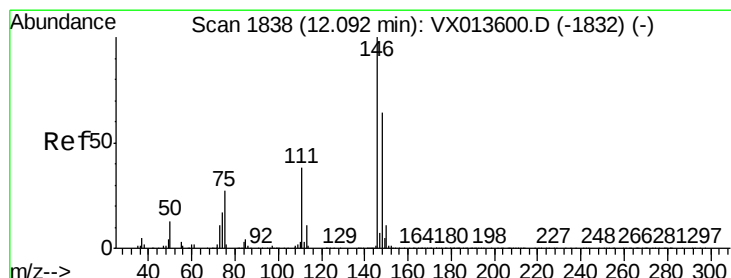
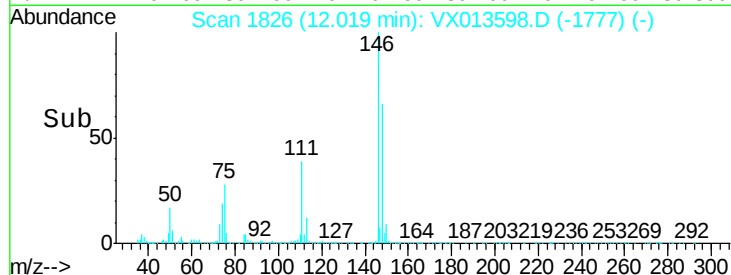
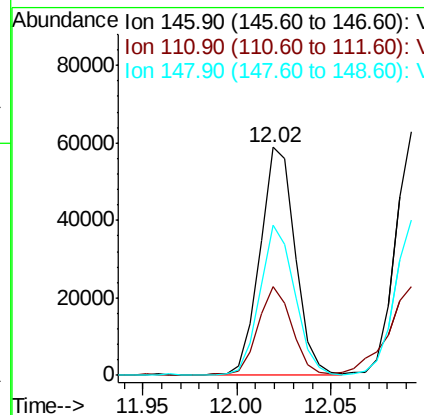
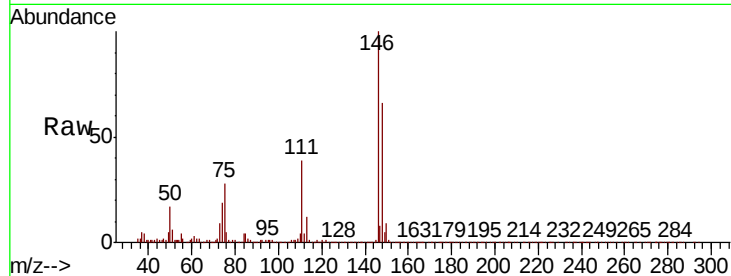
ClientSampleId :

VSTDIC005

Tot Ion:	146	Resp:	75545
Ion Ratio	Lower	Upper	
146	100		
111	37.3	19.0	57.0
148	65.2	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 5.743 ug/l

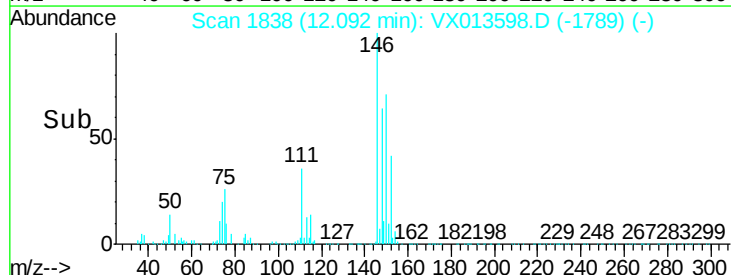
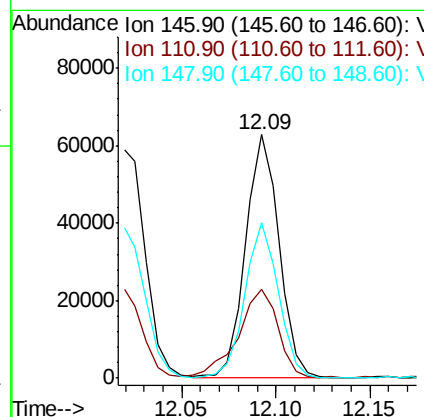
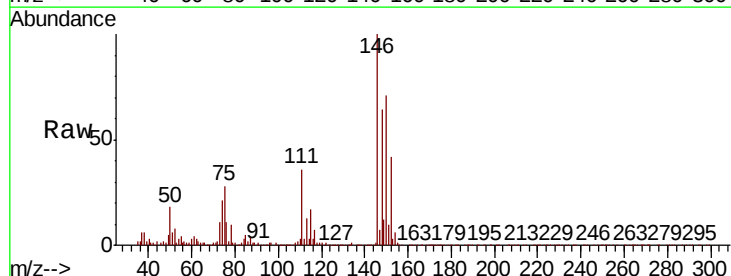
RT: 12.09 min Scan# 1838

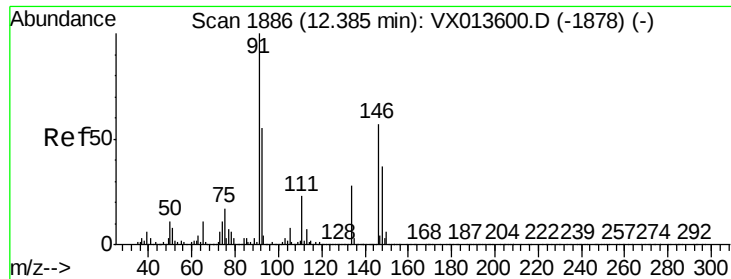
Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Tgt Ion:	146	Resp:	76720
Ion Ratio	Lower	Upper	
146	100		
111	43.3	18.9	56.9
148	64.6	31.9	95.5





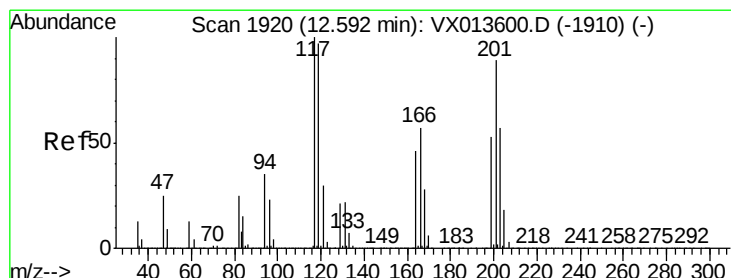
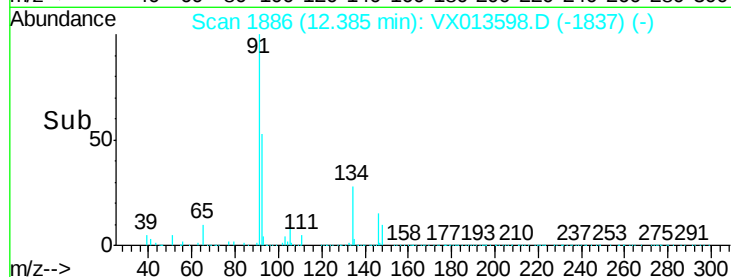
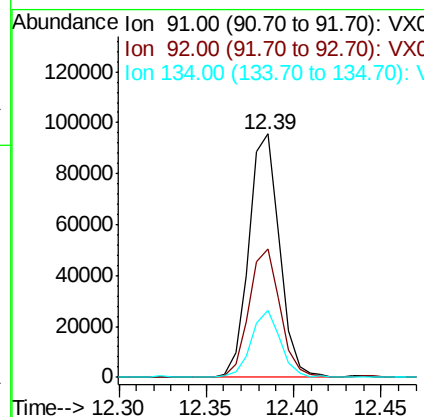
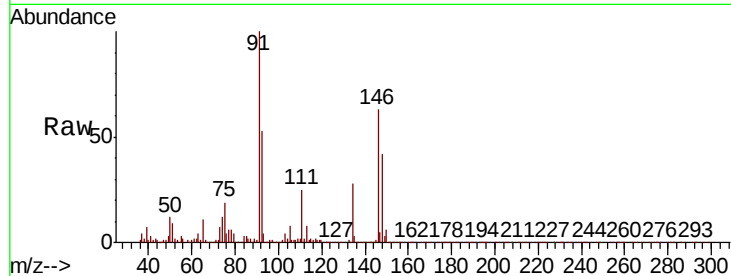
#89
n-Butylbenzene
Concen: 5.434 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	27.4	82.2
134	26.6	13.5	40.4

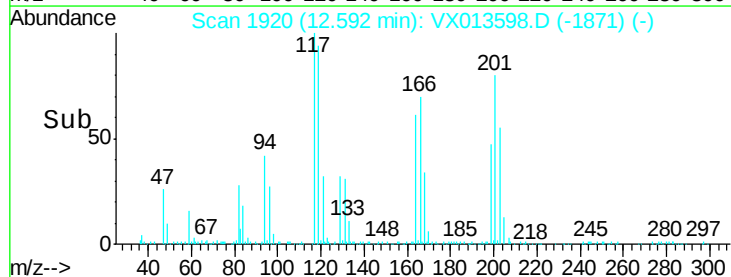
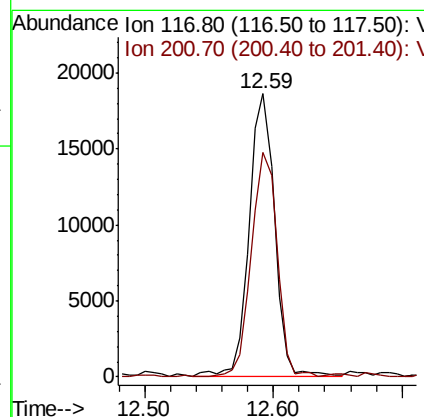
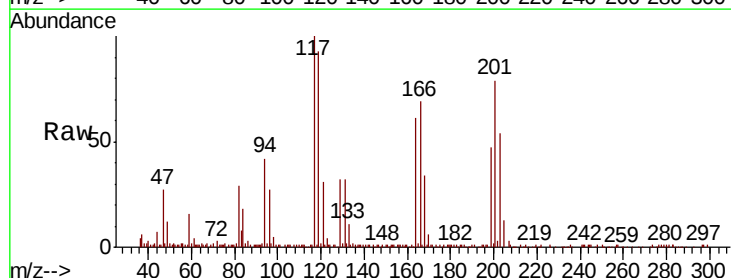
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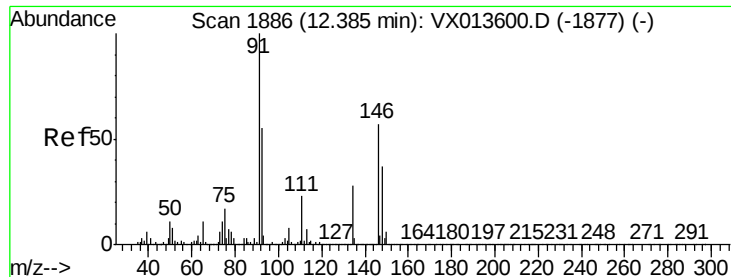
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#90
Hexachloroethane
Concen: 5.806 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.3	44.1	132.4





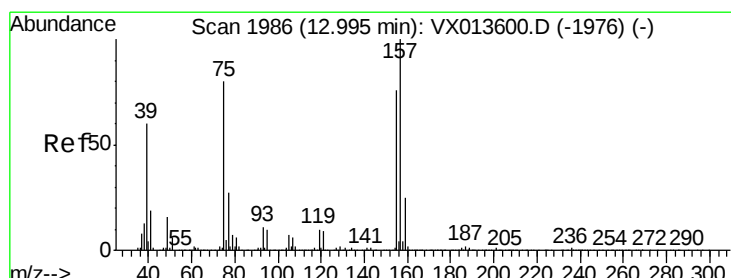
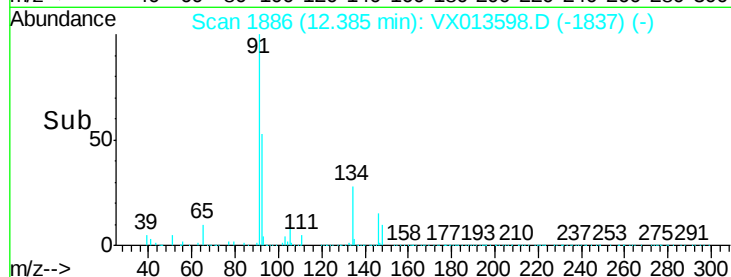
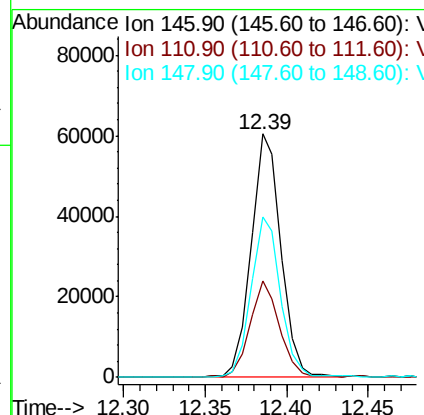
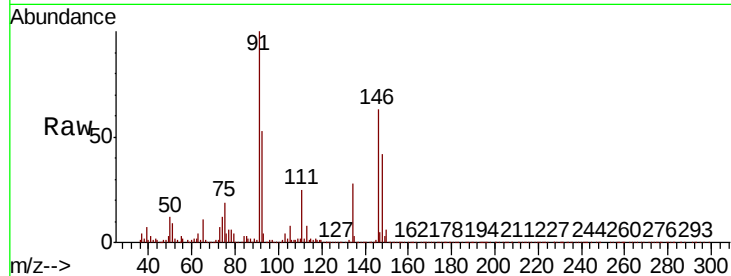
#91
 1,2-Dichlorobenzene
 Concen: 5.835 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013598.D
 Acq: 26 Nov 2019 13:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.6	58.7
148	64.5	31.9	95.7

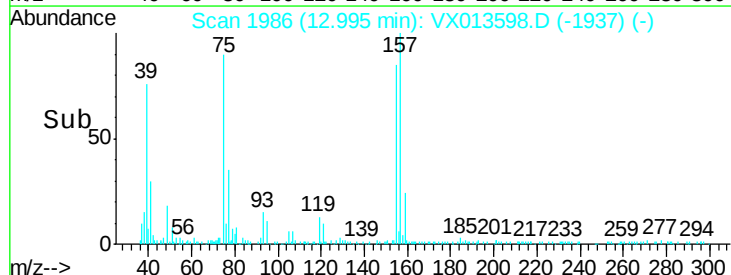
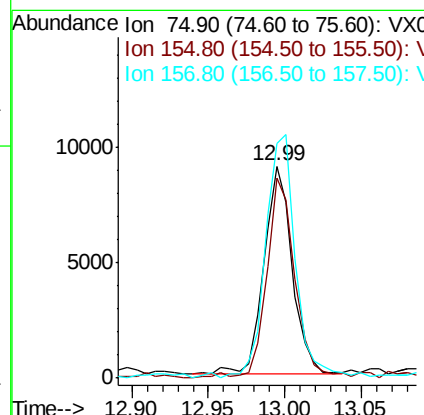
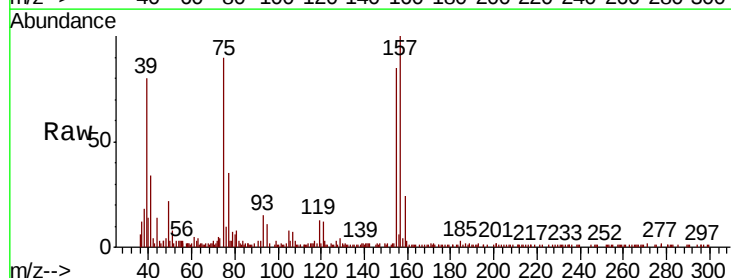
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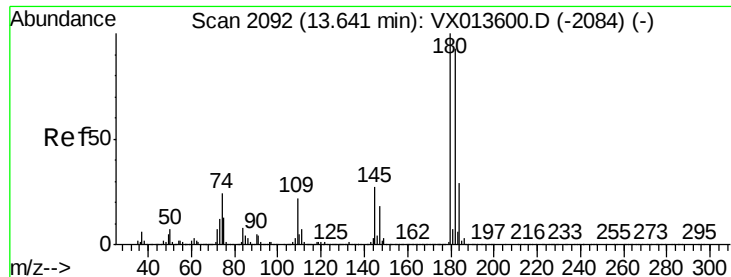
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.837 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013598.D
 Acq: 26 Nov 2019 13:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.7	47.6	142.8
157	124.9	62.1	186.2





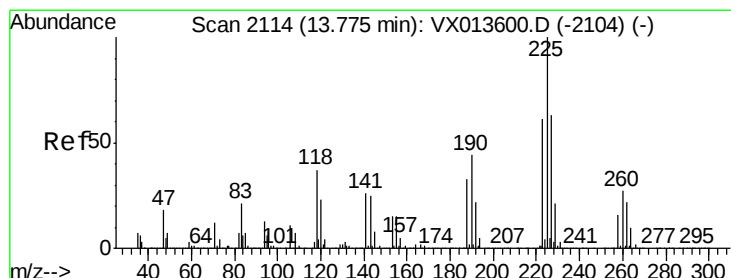
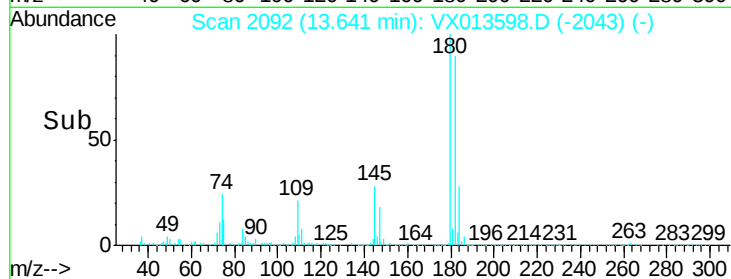
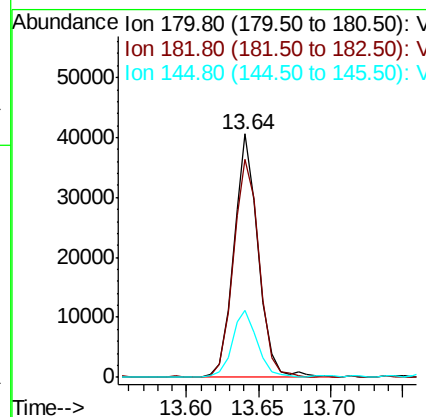
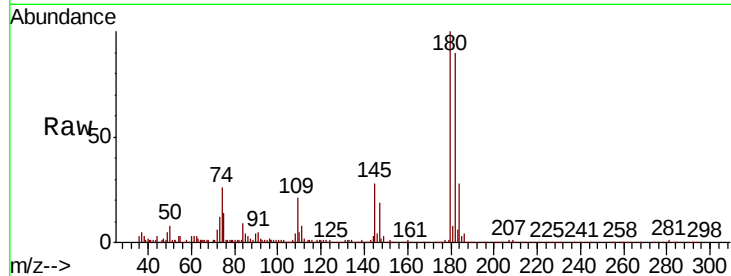
#93
 1,2,4-Trichlorobenzene
 Concen: 5.200 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013598.D
 Acq: 26 Nov 2019 13:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
180	100	47508		
182	95.2	47.2	141.6	
145	29.0	13.8	41.4	

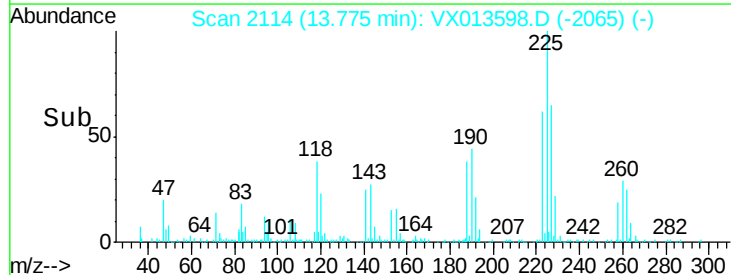
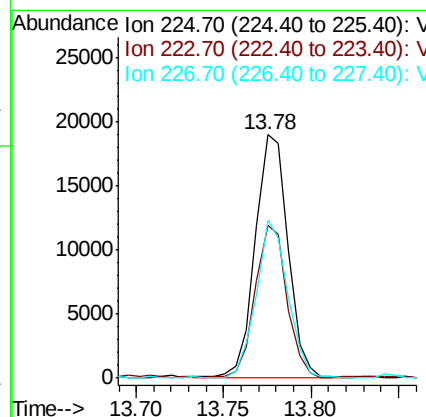
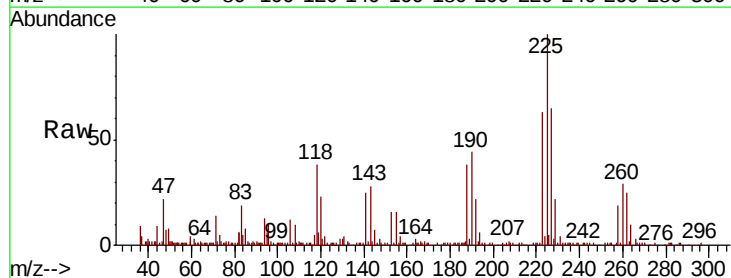
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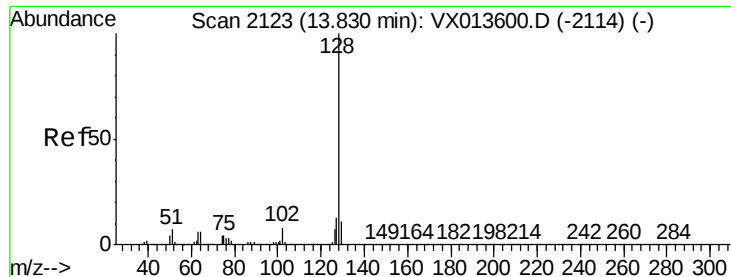
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 11/27/2019 12:59:43 PM



#94
 Hexachlorobutadiene
 Concen: 5.573 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013598.D
 Acq: 26 Nov 2019 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	24676		
223	60.2	31.9	95.5	
227	63.0	32.1	96.3	





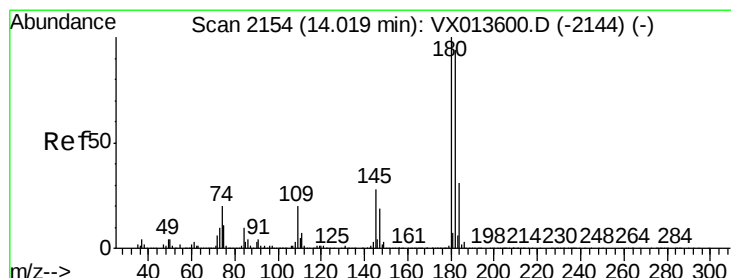
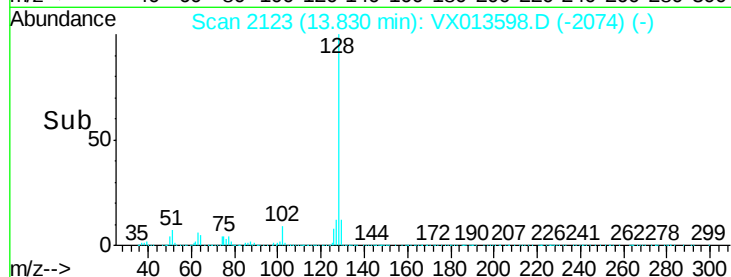
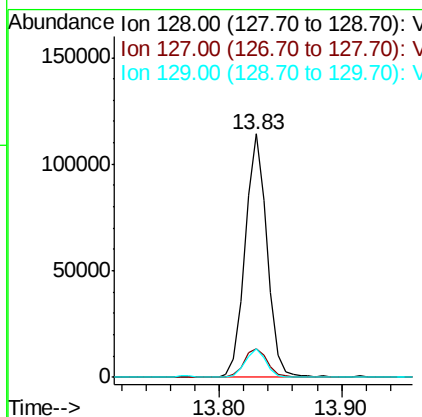
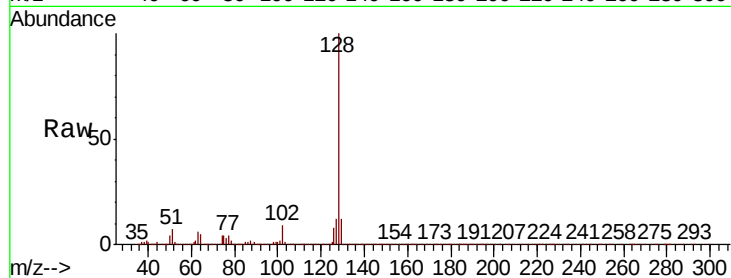
#95
Naphthalene
Concen: 4.983 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.6	8.7	13.1

Manual Integrations
APPROVED

apatel
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#96
1,2,3-Trichlorobenzene
Concen: 5.325 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.6	142.8
145	31.5	15.0	45.0

